

## 4 CIRCUIT DIAGRAM

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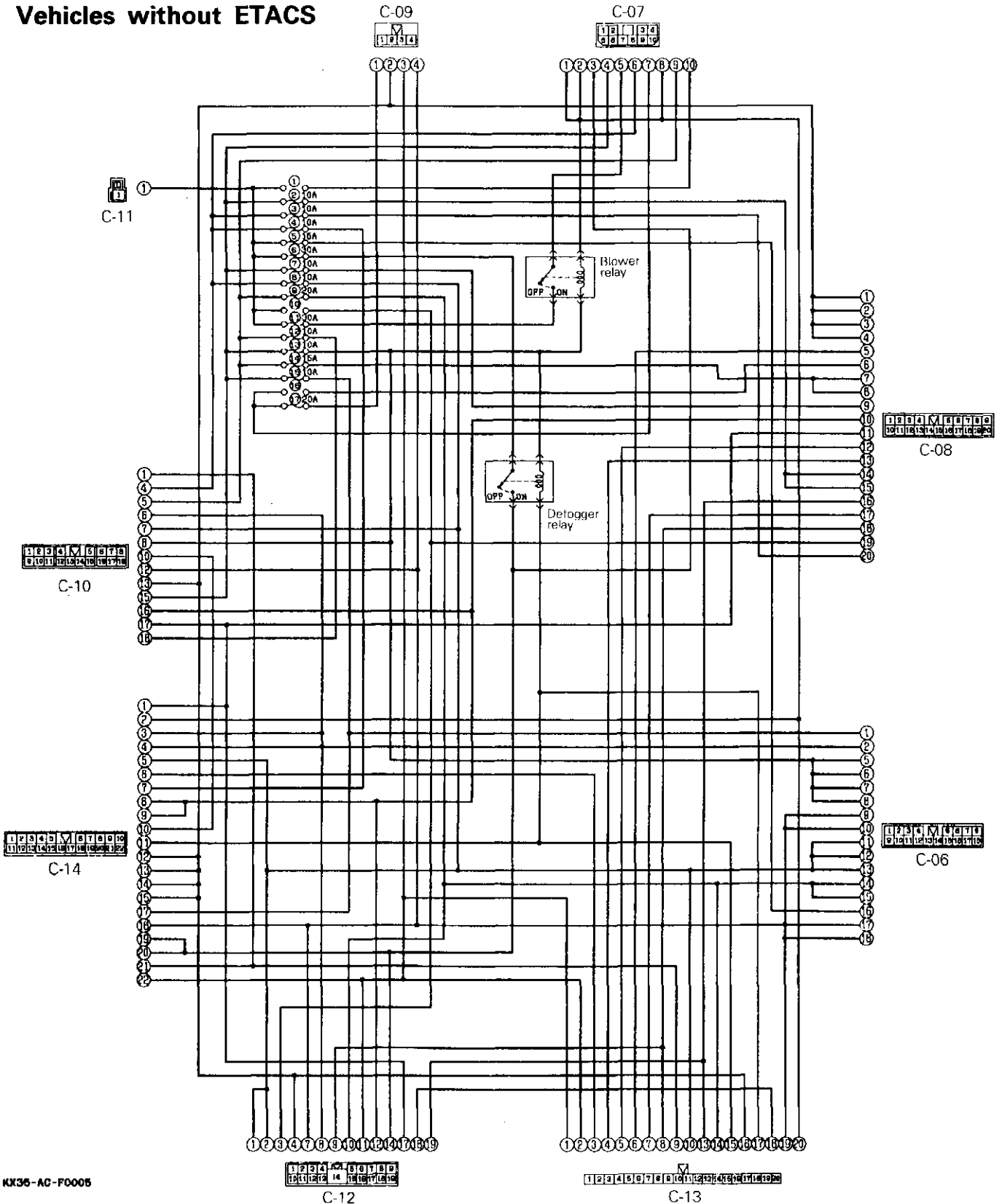
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# JUNCTION BLOCK (1)

Vehicles without ETACS



KX36-AC-F0005

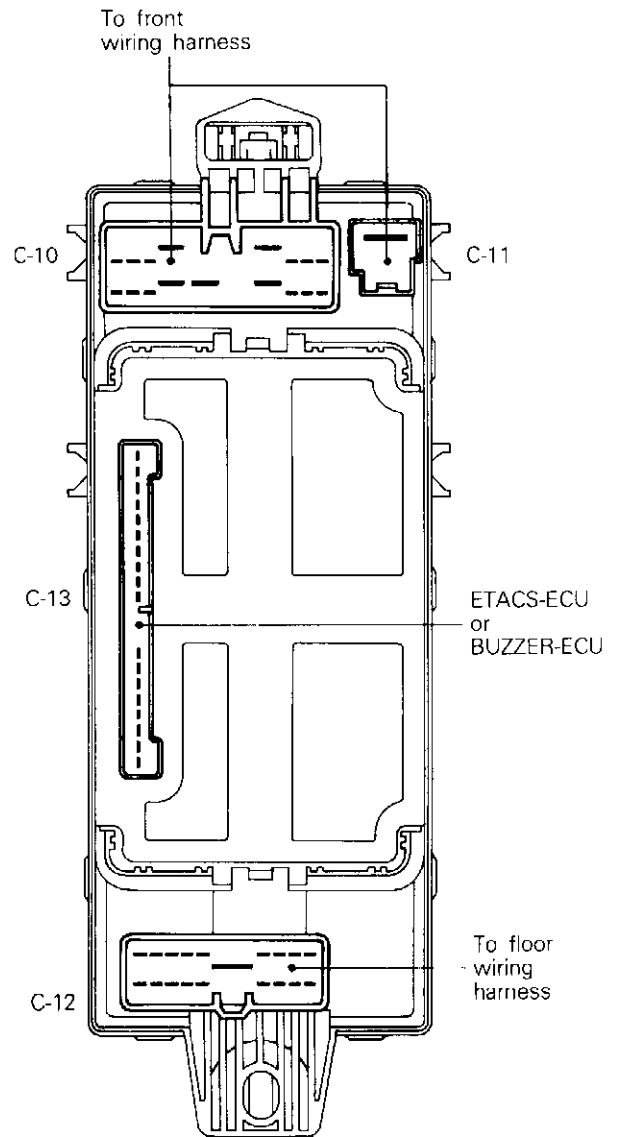
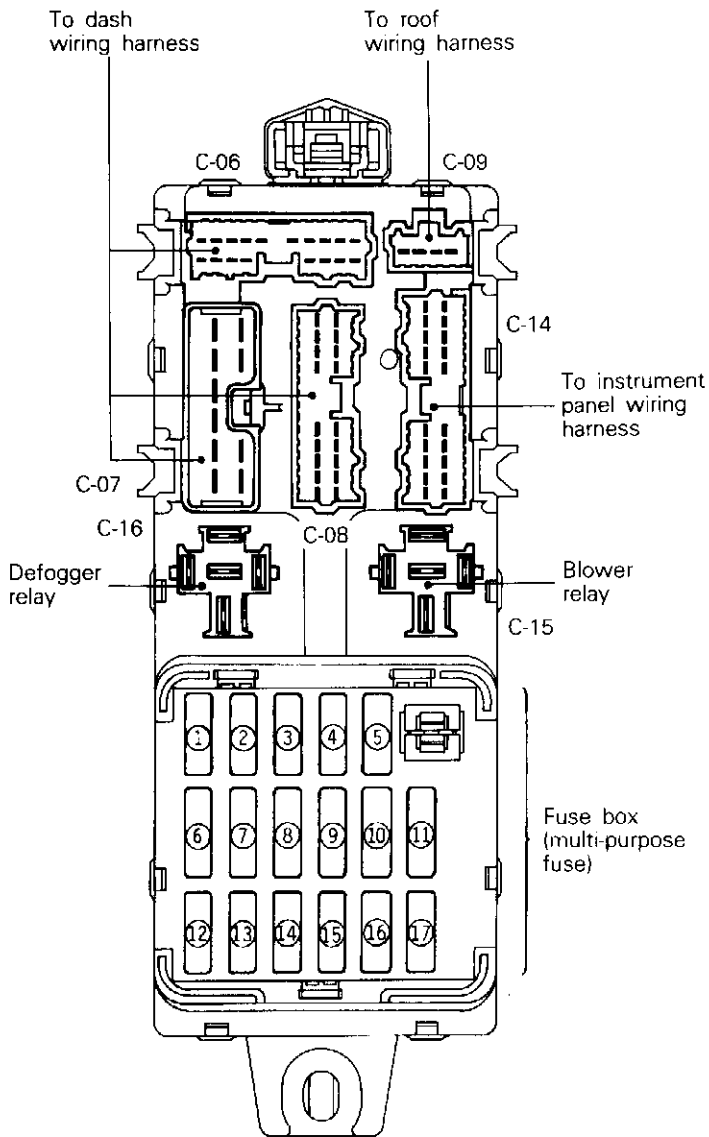
**Remark**

- Connector numbers are keyed to the configuration diagram and each circuit diagram.



Front side

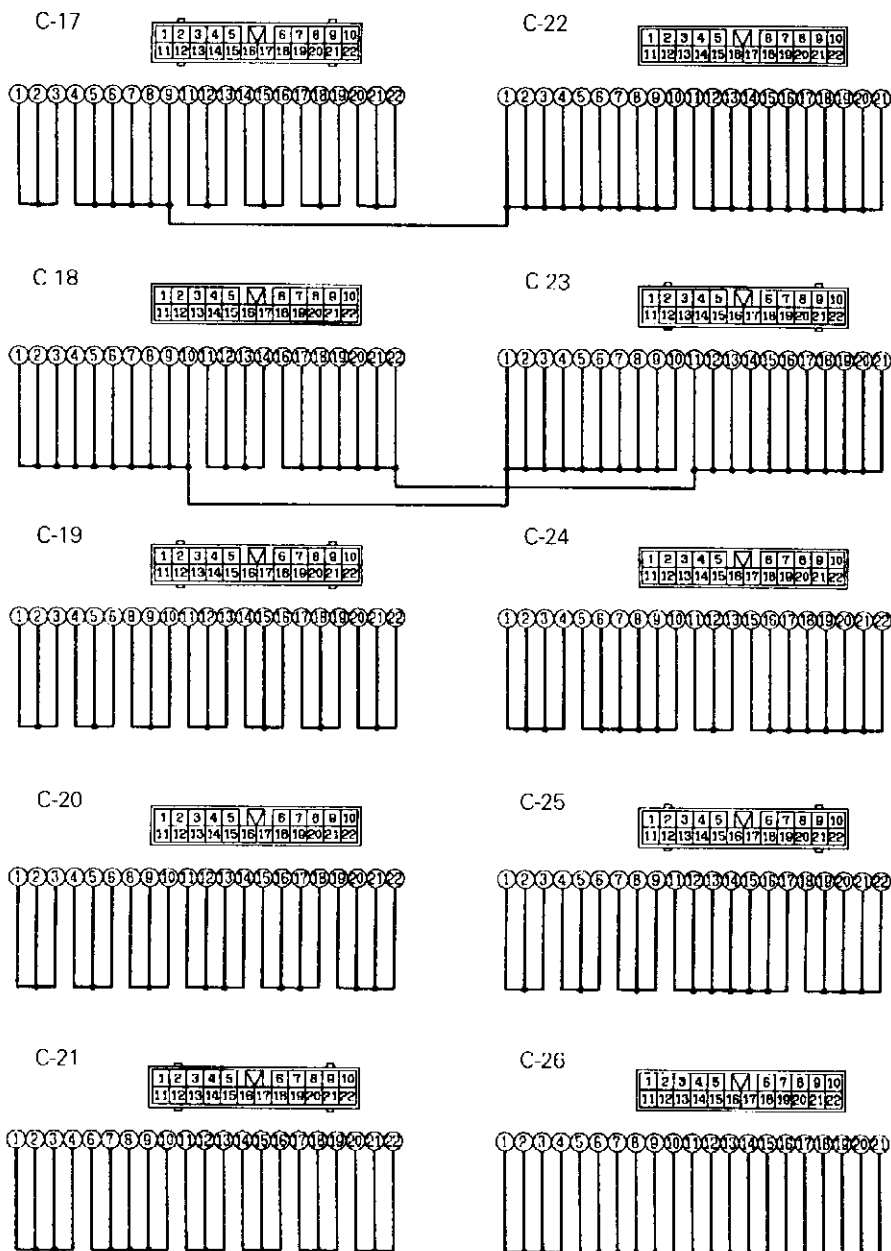
Rear side



16X0078

16X0079

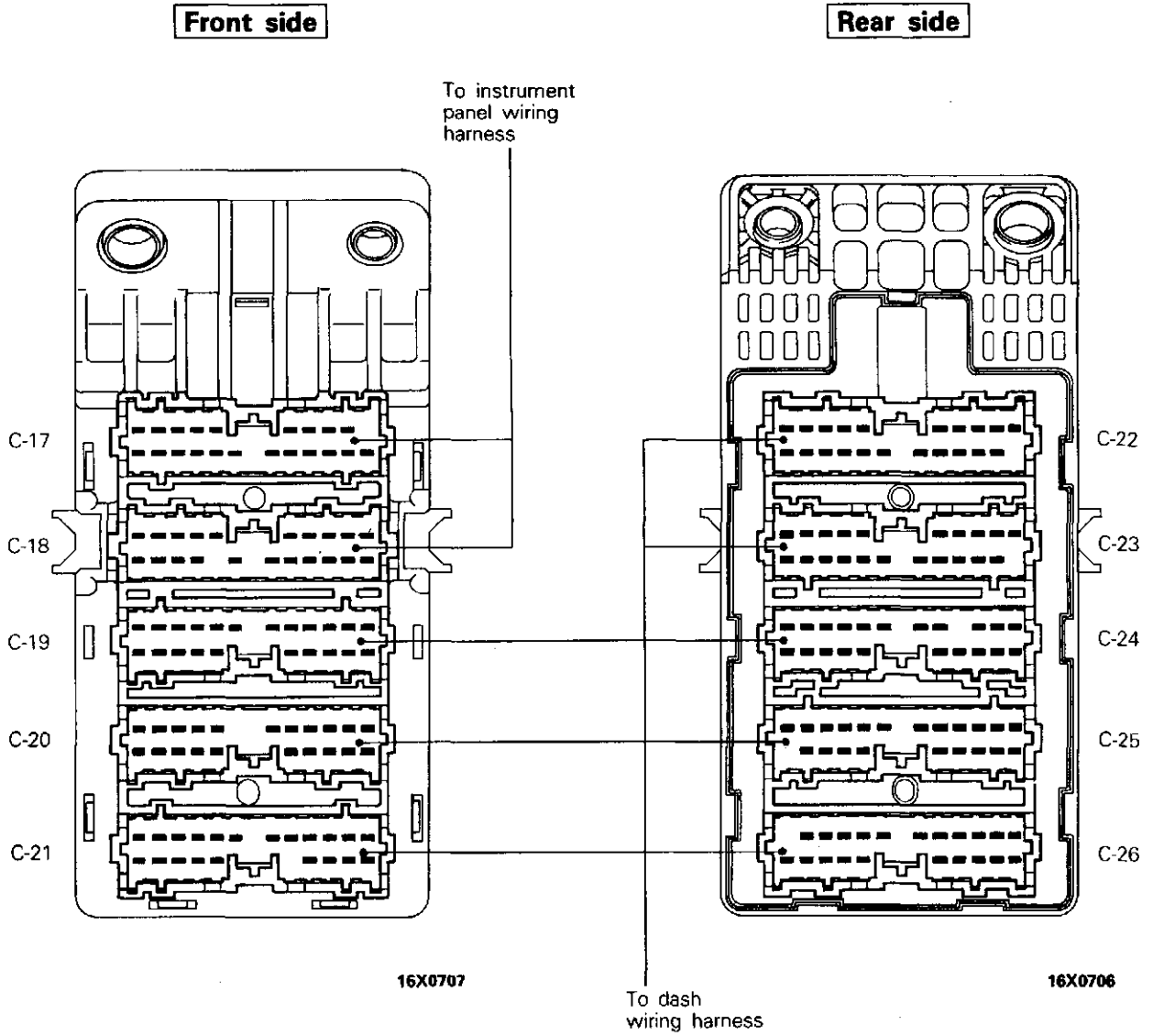
JUNCTION BLOCK (2)



KX36-AC-F0003

Remark

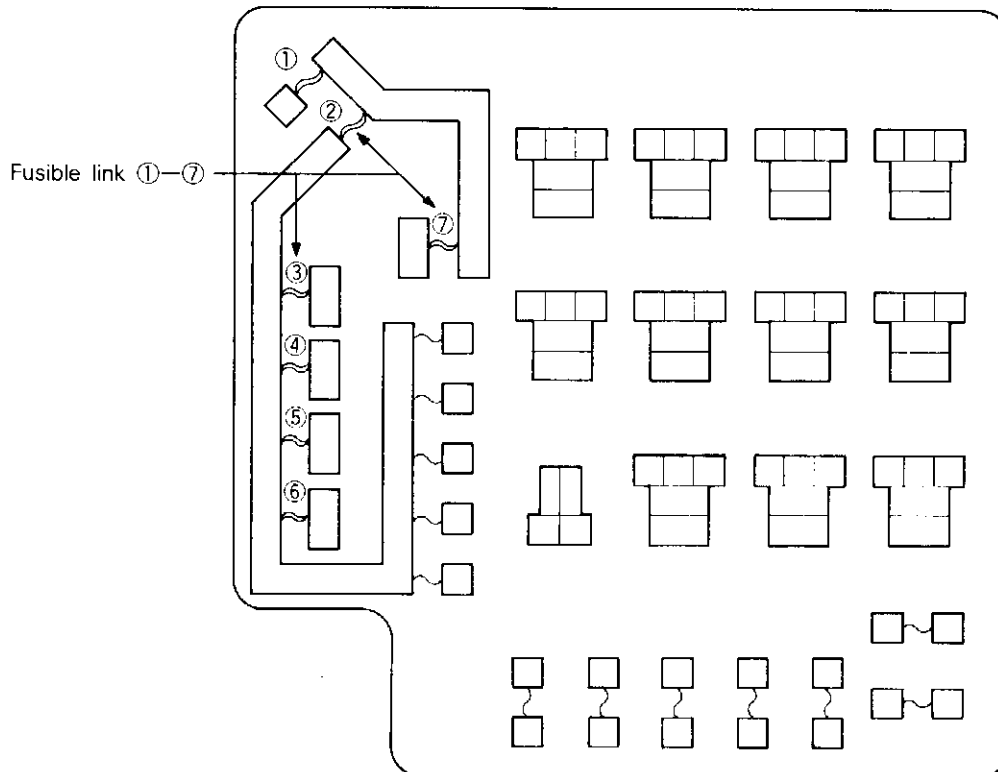
- Connector numbers are keyed to the configuration diagram and each circuit diagram.



**CENTRALIZED JUNCTION  
FUSIBLE LINK**

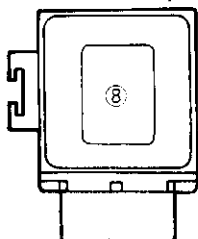
| No. | Circuit   | Housing colour | Rated capacity (A) |
|-----|---|----------------|--------------------|
| 1   | Air conditioner, dedicated fuse No. ⑫, multi-purpose fuse No. ⑤, ⑥, ⑪ | Yellow         | 60                 |
| 2   | Alternator  | Blue           | 100                |
| 3   | Ignition switch, supplemental restraint system, glow and starter      | Pink           | 30                 |
| 4   | ABS   | Red            | 50                 |
| 5   | Air conditioner and cooling   | Pink           | 30                 |
| 6   | Alternator, headlamp and tail lamp                                    | Green          | 40                 |
| 7   | Central door locking system, power window, power seat and sunroof     | Pink           | 30                 |
| 8   | ACTIVE-ECS  | Yellow         | 60                 |
| 9   | Glow  | Black          | 80                 |

**(Relay box in engine compartment)**

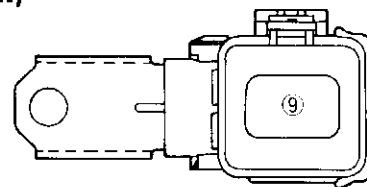


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**(Fusible link box in engine compartment) (Connected directly to battery positive terminal)**



16X0421



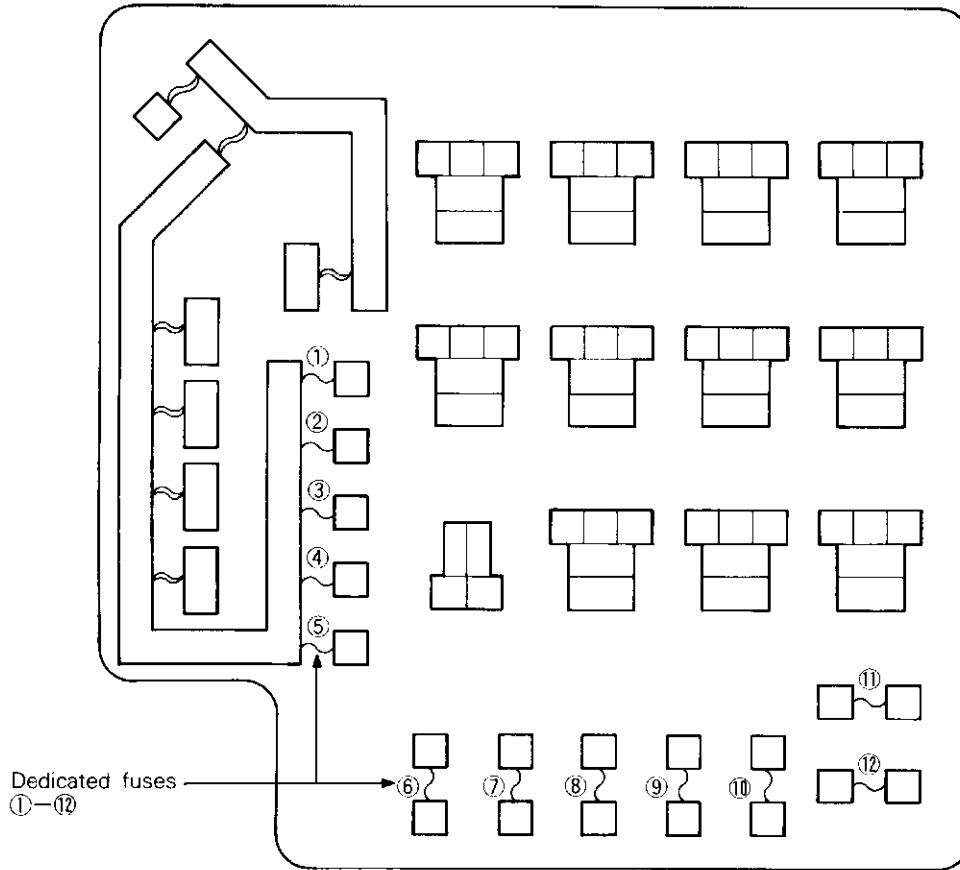
16A0335



**DEDICATED FUSE**

| Power supply circuit         | No. | Rated capacity (A) | Housing Colour | Circuit   |
|------------------------------|-----|--------------------|----------------|---|
| Battery/<br>alternator       | 1   | 30                 | Green          | ABS and fuzzy TCL   |
|                              | 2   | 15                 | Blue           | ACTIVE-ECS  |
|                              | 3   | 30                 | Green          | Air conditioner and cooling   |
|                              | 4   | 10                 | Red            | Hazard lamp   |
|                              | 5   | 20                 | Yellow         | MPI system and fuzzy TCL  |
|                              | 6   | 10                 | Red            | Air conditioner   |
| Headlamp relay<br>(battery)  | 7   | 10                 | Red            | ACTIVE-ECS, headlamp,<br>headlamp leveling and rear<br>fog lamp   |
| Tail lamp relay<br>(battery) | 8   | 10                 | Red            | ACTIVE-ECS, auto-cruise<br>control system, cigarette<br>lighter, clock, deffogger, ECS,<br>ELC-4A/T, tail lamp, fuzzy-<br>TCL, full auto air conditioner,<br>hazard lamp, ignition key re-<br>minder buzzer, luggage com-<br>partment lamp, manual air<br>conditioner, meter and<br>gauge, MPI system , radio,<br>rear wiper and washer and<br>sunroof                                      |
|                              | 9   | 10                 | Red            | Tail lamp   |
|                              | 10  | 15                 | Blue           | Front fog lamp  |
| Ignition switch<br>(ACC)     | 11  | 15                 | Blue           | Auto-cruise control system,<br>clock, radio and rear wiper<br>and washer  |
| Battery/<br>alternator       | 12  | 10                 | Red            | ABS, ACTIVE-ECS, ACTIVE-<br>4WS control system, auto-<br>cruise control system, central<br>door locking system, clock,<br>deffogger, door lamp, ECS,<br>ELC-4A/T, fuzzy-TCL, full<br>auto air conditioner, ignition<br>key cylinder illumination<br>lamp, ignition key reminder<br>buzzer, luggage compart-<br>ment lamp, warning lamp,<br>MPI system, power window,<br>radio and room lamp |

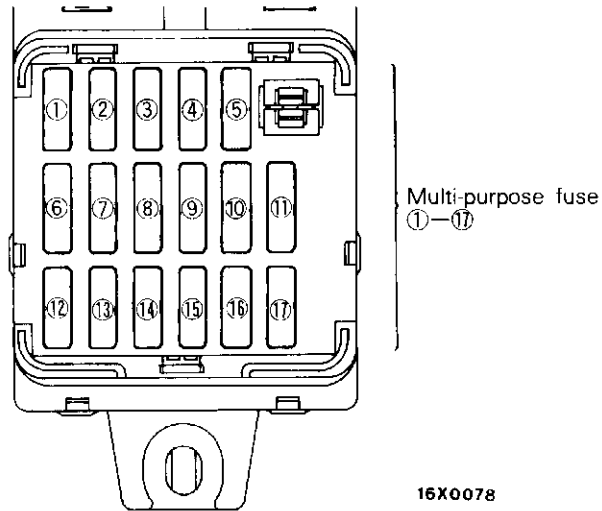
(Relay box in engine compartment)



16X0077

**MULTI-PURPOSE FUSE (In junction block (1))**

| Power supply circuit  |     | No. | Rated capacity (A) | Housing colour | Load circuit   |
|-----------------------|-----|-----|--------------------|----------------|--|
| Fusible link No. ①, ② |     | 1   | —                  | —              | —  |
| Ignition switch       | IG2 | 2   | 10                 | Red            | ABS power relay and ECS-ECU  |
|                       | IG1 | 3   | 10                 | Red            | ECS-ECU, back-up lamp and 4WS-ECU  |
|                       |     | 4   | 10                 | Red            | Turn signal and hazard flasher unit, SRS diagnosis unit and 4WS-ECU  |
| Fusible link No. ①, ② |     | 5   | 15                 | Blue           | ABS-ECU, auto-cruise-ECU, ECS-ECU, ELC-4A/T-ECU, engine-ECU, stop lamp and TCL ECU   |
|                       |     | 6   | 30                 | Green          | Deffogger  |
| Ignition switch       | IG2 | 7   | 10                 | Red            | EPS-ECU  |
|                       | IG1 | 8   | 10                 | Red            | Auto-cruise-ECU, auto-cruise main switch, buzzer-ECU, ETACS-ECU, indicator lamp, meter and gauge, motor antenna assembly, SRS diagnosis unit, steering wheel sensor, sunroof-ECU and warning lamp  |
|                       | ACC | 9   | 20                 | Yellow         | Intermittent wiper relay, motor antenna assembly, rear intermittent wiper relay and remote controlled mirror   |
| Fusible link No. ①, ② |     | 10  | —                  | —              | —  |
|                       |     | 11  | 30                 | Green          | Blower motor   |
| Ignition switch       | ACC | 12  | 10                 | Red            | Horn   |
|                       | IG2 | 13  | 10                 | Red            | ABS-ECU, air conditioner-ECU, air purifier, air selection control motor, automatic compressor-ECU, blower relay, power window switch, condenser fan relay, deffogger relay, dim-dip relay (I), DRL-ECU, DRL relay (I), engine-ECU, headlamp washer relay, heated seat, power window, radiator fan relay, TCL-ECU and valve relay |
|                       | ACC | 14  | 15                 | Blue           | Cigarette lighter  |
|                       | IG2 | 15  | 10                 | Red            | Auto-cruise-ECU, A/T selector lever position illumination lamp and ELC-4A/T-ECU  |
| Fusible link No. ⑦    |     | 16  | —                  | —              | —  |
|                       |     | 17  | 20                 | Yellow         | Sunroof-ECU  |

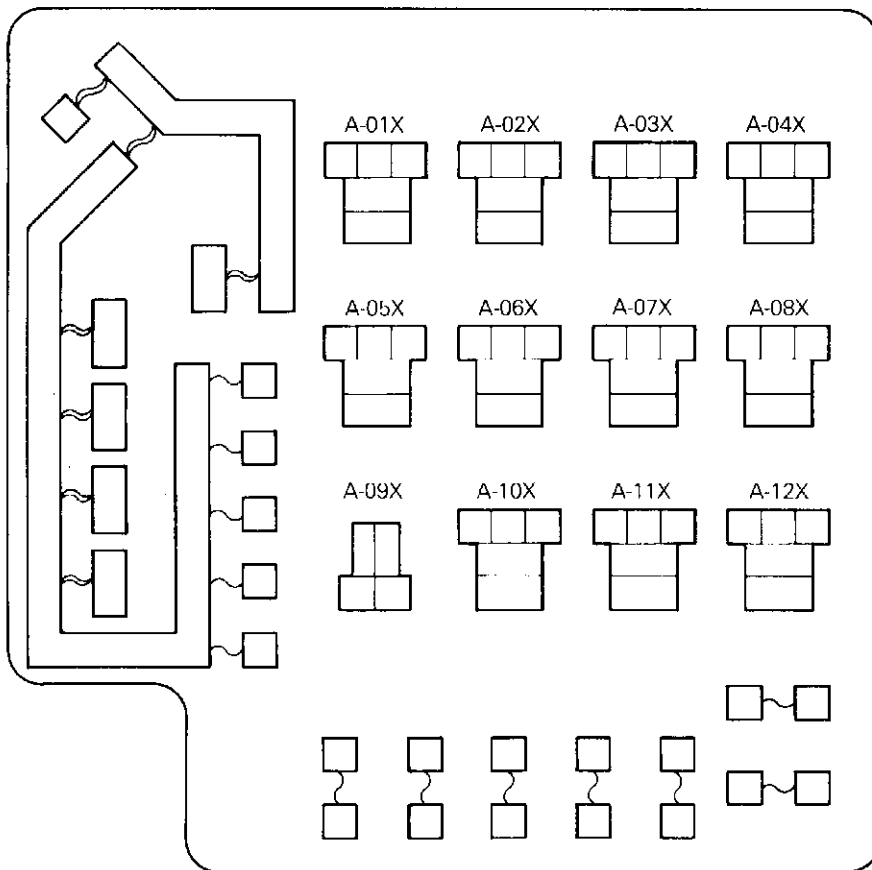


16X0078

**CENTRALIZED RELAY**

(Relay box in engine compartment)

| Connector No. | Name                     | Connector No. | Name                      |
|---------------|--------------------------|---------------|---------------------------|
| A-01X         | Condensor fan relay (LO) | A-07X         | A/C compressor relay      |
| A-02X         | Condensor fan relay (HI) | A-08X         | Radiator fan relay (LO-2) |
| A-03X         | Radiator fan relay (LO)  | A-09X         | Alternator relay          |
| A-04X         | Radiator fan relay (HI)  | A-10X         | Front fog lamp relay      |
| A-05X         | ABS power relay          | A-11X         | Tail lamp relay           |
| A-06X         | Horn relay               | A-12X         | Headlamp relay            |

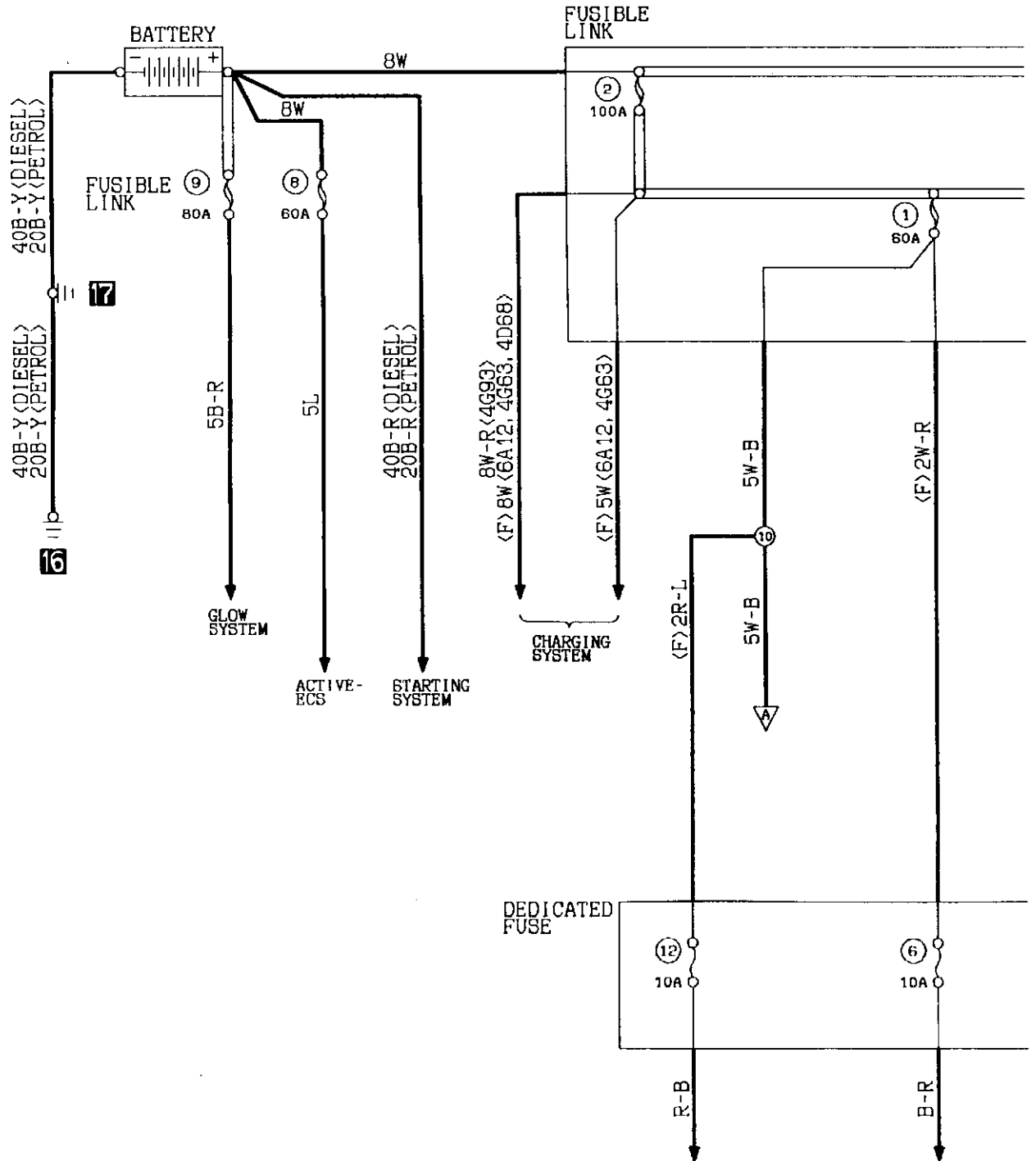


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**NOTES**

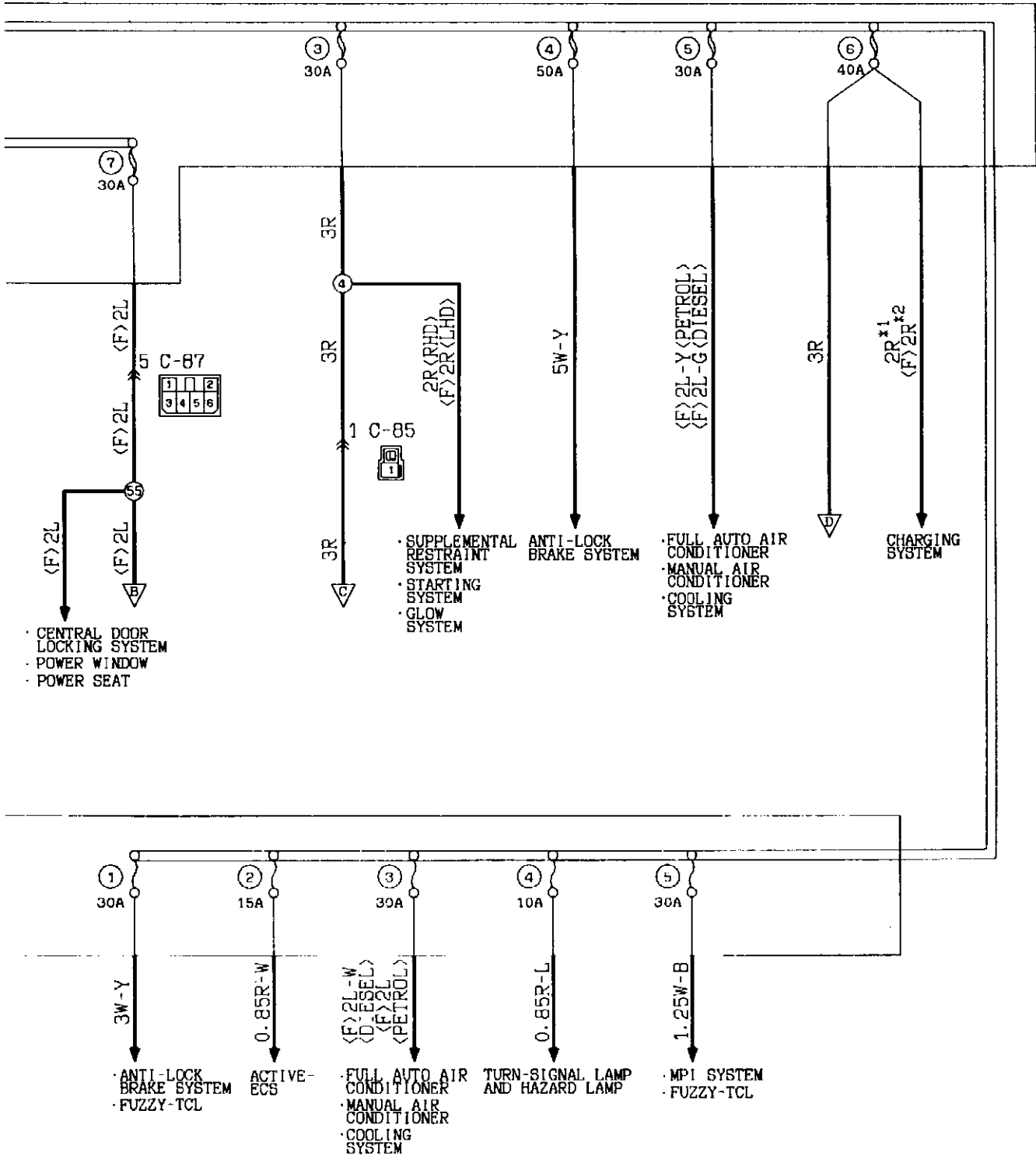
POWER DISTRIBUTION SYSTEM



- ABS
- ACTIVE-4WS
- ACTIVE-ECS
- AUTO-CRUISE CONTROL SYSTEM
- CENTRAL DOOR LOCKING SYSTEM
- CLOCK
- DEFOGGER AND DOOR MIRROR HEATER
- DOOR LAMP
- ECS
- ELC-4A/T
- FULL AUTO AIR CONDITIONER
- FUZZY-TCL
- IGNITION KEY REMINDER ILLUMINATION LAMP
- LIGHTING MONITOR BUZZER
- MPI SYSTEM
- POWER WINDOW
- RADIO AND TAPE PLAYER
- ROOM LAMP
- LUGGAGE COMPARTMENT LAMP
- WARNING LAMP
- FULL AUTO AIR CONDITIONER
- MANUAL AIR CONDITIONER

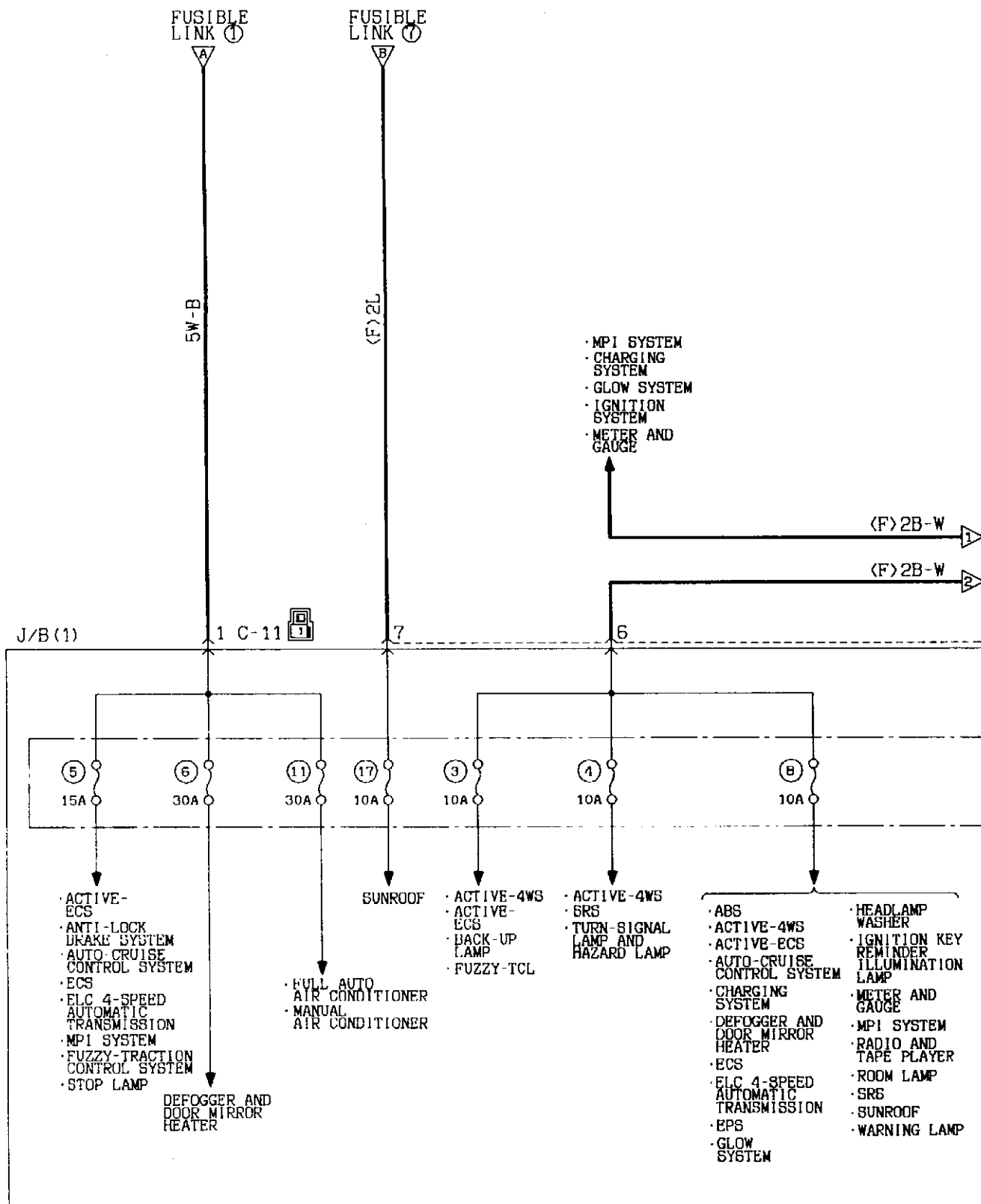
KX35-AC-F0101-EC

Remarks  
 (1) \*1: 4G93-LHD, 6A12-LHD  
 (2) \*2: 4G93-RHD, 6A12-RHD, 4G63, 4G68



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

POWER DISTRIBUTION SYSTEM (CONTINUED)

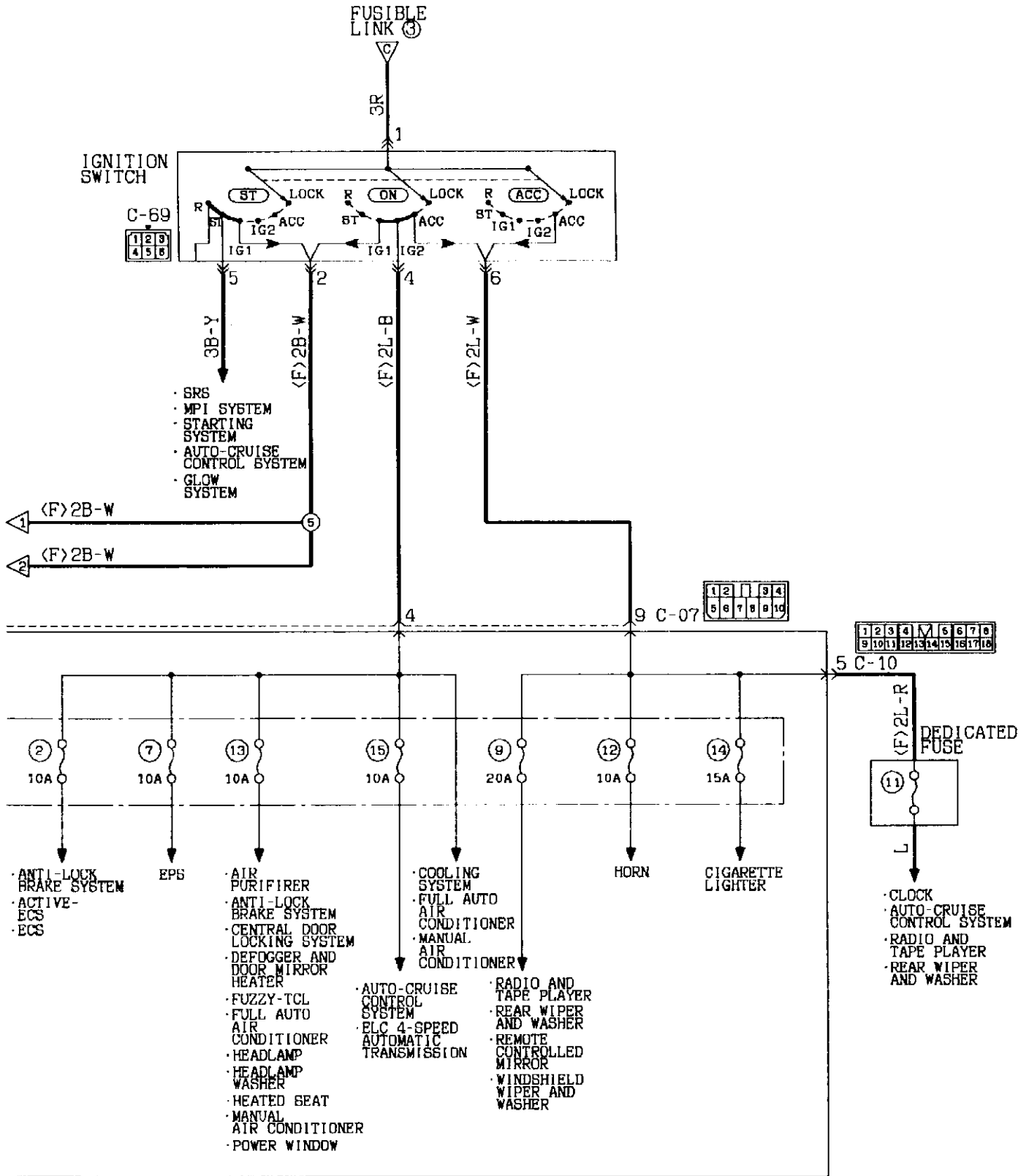


Wire colour code

KX35-AC-F0101A-EC

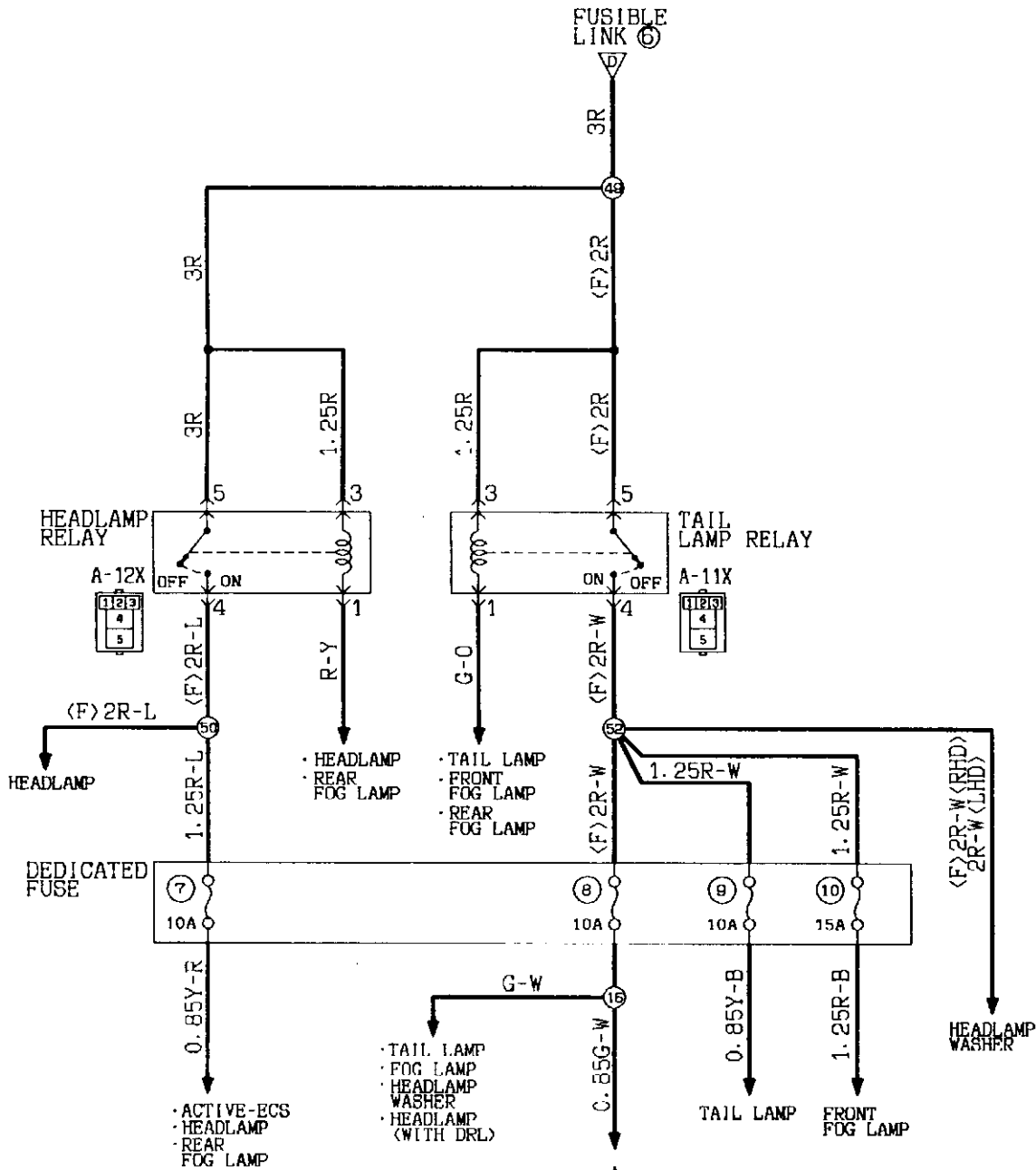
B:Black BR:Brown LG:Light green O:Orange G:Green GR:Gray L:Blue R:Red W:White P:Pink Y:Yellow V:Violet SB:Sky blue





Remark  
 The above circuit diagram shows the current flow at the ignition key position "ACC", "ON" and "ST" combined.  
 Be sure trace the appropriate circuit depending on the ignition key position.

POWER DISTRIBUTION SYSTEM (CONTINUED)



- ACTIVE-ECS
- AUTO-CRUISE CONTROL SYSTEM
- CIGARETTE LIGHTER
- CLOCK
- DEFOGGER AND DOOR MIRROR HEATER
- ECS
- ELC 4-SPEED AUTOMATIC TRANSMISSION
- FULL AUTO AIR CONDITIONER
- FUZZY-TCL
- GROVE BOX LAMP
- LIGHTING MONITOR BUZZER
- METER AND GAUGE
- MPI SYSTEM
- MANUAL AIR CONDITIONER
- RADIO AND TAPE PLAYER
- REAR WIPER WASHER
- SUNROOF
- TAIL LAMP
- TURN-SIGNAL LAMP AND HAZARD LAMP

Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

**STARTING SYSTEM (See P. 4-20, 21.)****OPERATION****<Petrol-powered vehicles>**

- On vehicles with automatic transmission, Placing the ignition switch in the ST position with the selector lever in P or N position causes the starter contacts (magnet switch) to close energizing the starter motor.

**<Diesel-powered vehicles>**

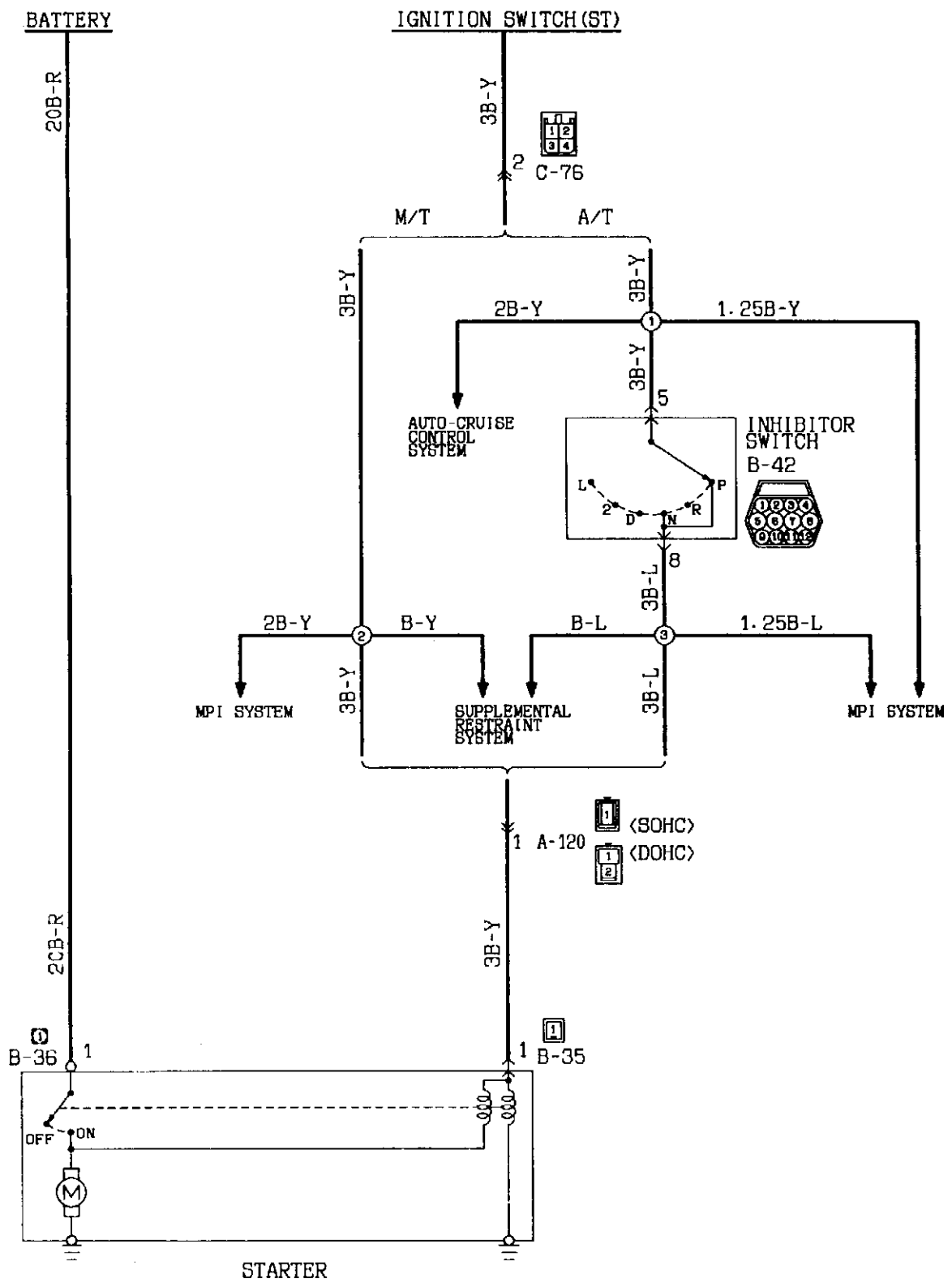
- When the ignition switch is turned to the "ST" position, the starter relay becomes on. This will turn on the contacts of the starter (magnetic switch) to revolve the starter motor.

**TROUBLESHOOTING HINTS**

1. Starter motor does not turn over at all.
  - Check starter (coil).
  - Check battery terminals for proper contact.
  - Starter relay inspection (diesel-powered vehicle).
  - Check inhibitor switch <A/T>.
2. Starter motor does not stop rotating.
  - Check starter (magnet switch).

# STARTING SYSTEM

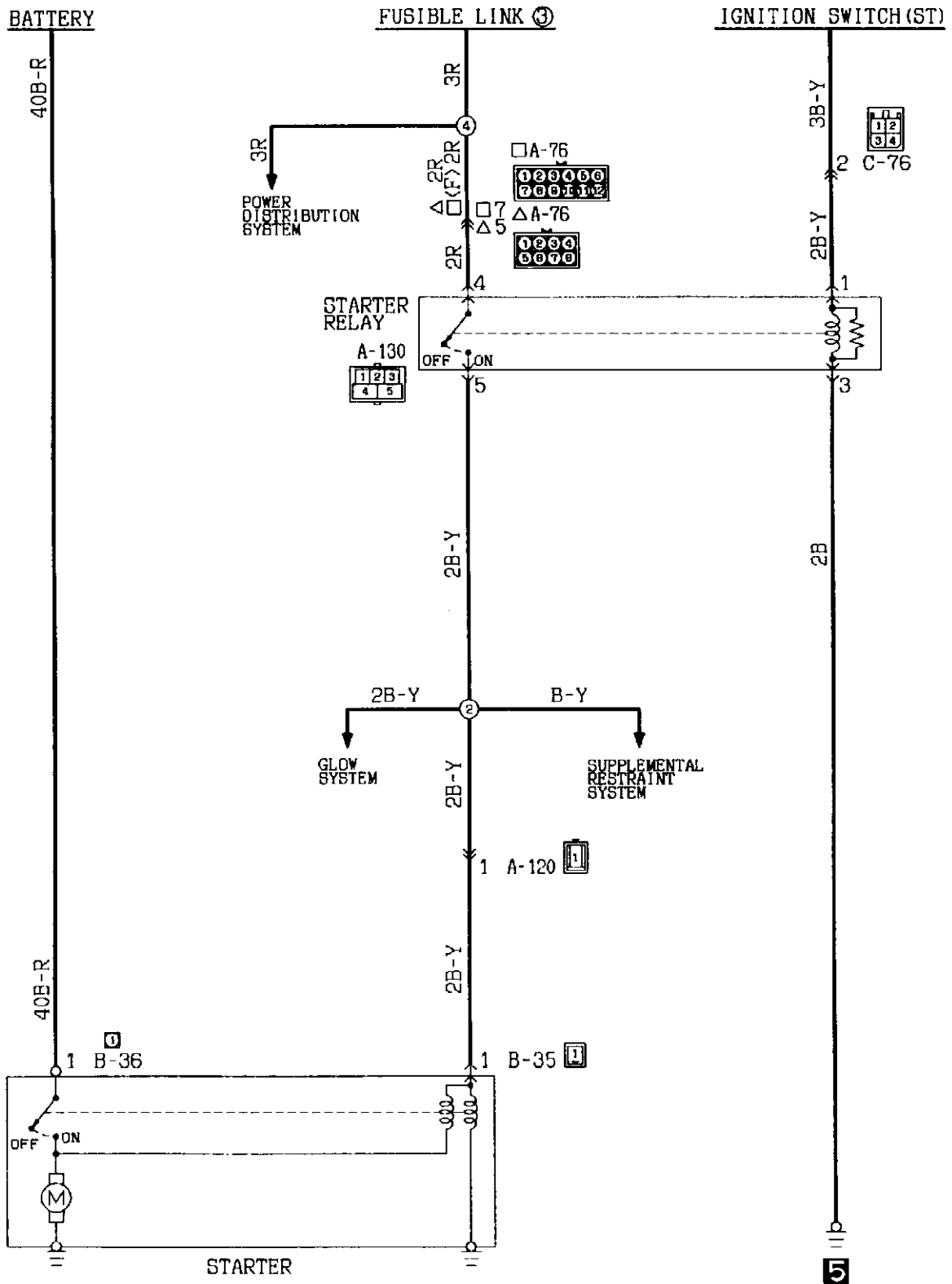
Petrol-powered vehicles



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F0201-EC

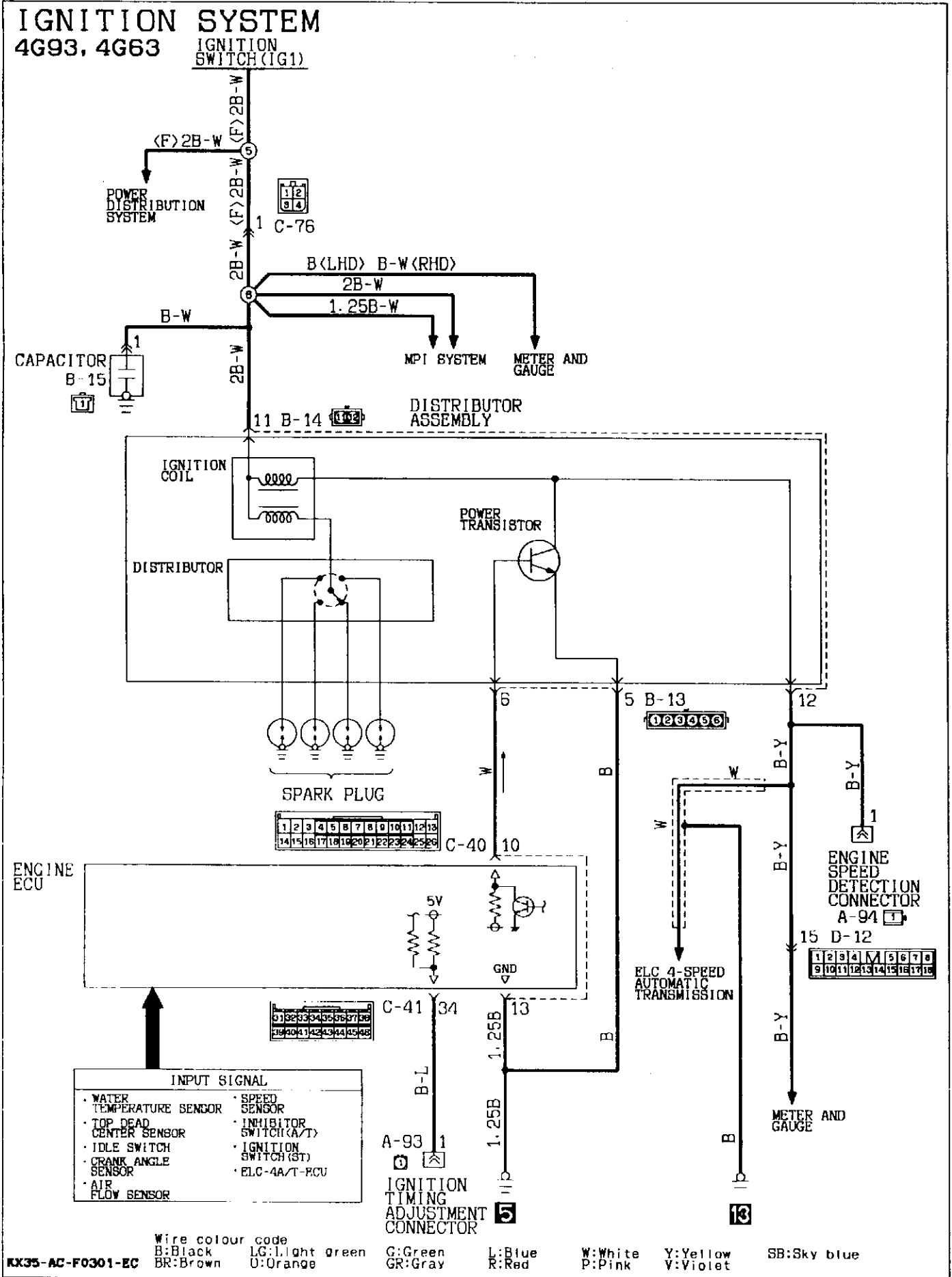
**STARTING SYSTEM**  
Diesel-powered vehicles



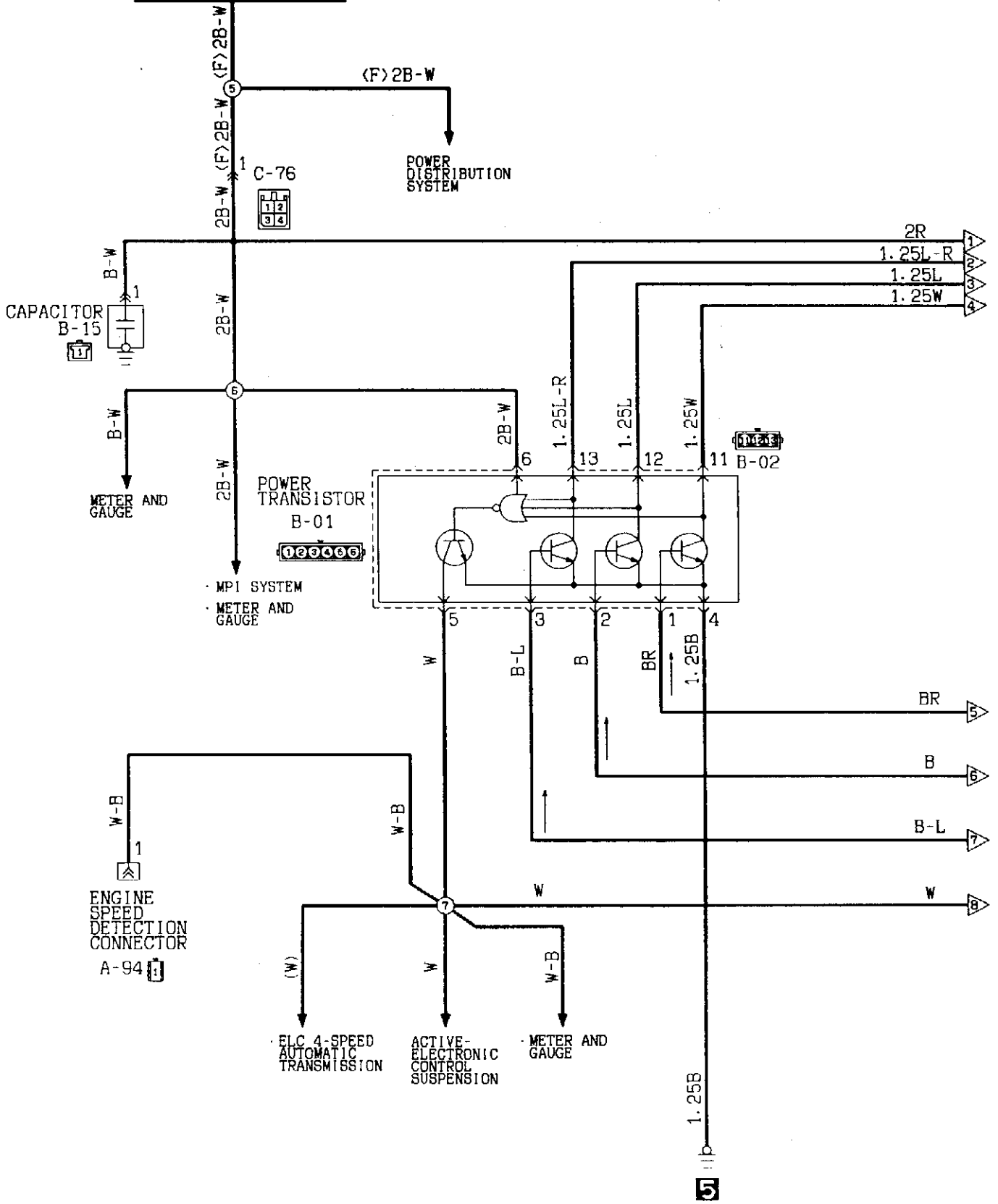
Remarks  
(1) □ : L. H. drive vehicles.  
(2) Δ : R. H. drive vehicles.

Wire colour code  
B:Black LG:Light green G:Green L:Blue  
BR:Brown O:Orange GR:Gray R:Red  
W:White SB:Sky blue P:Pink Y:Yellow  
V:Violet

**NOTES**

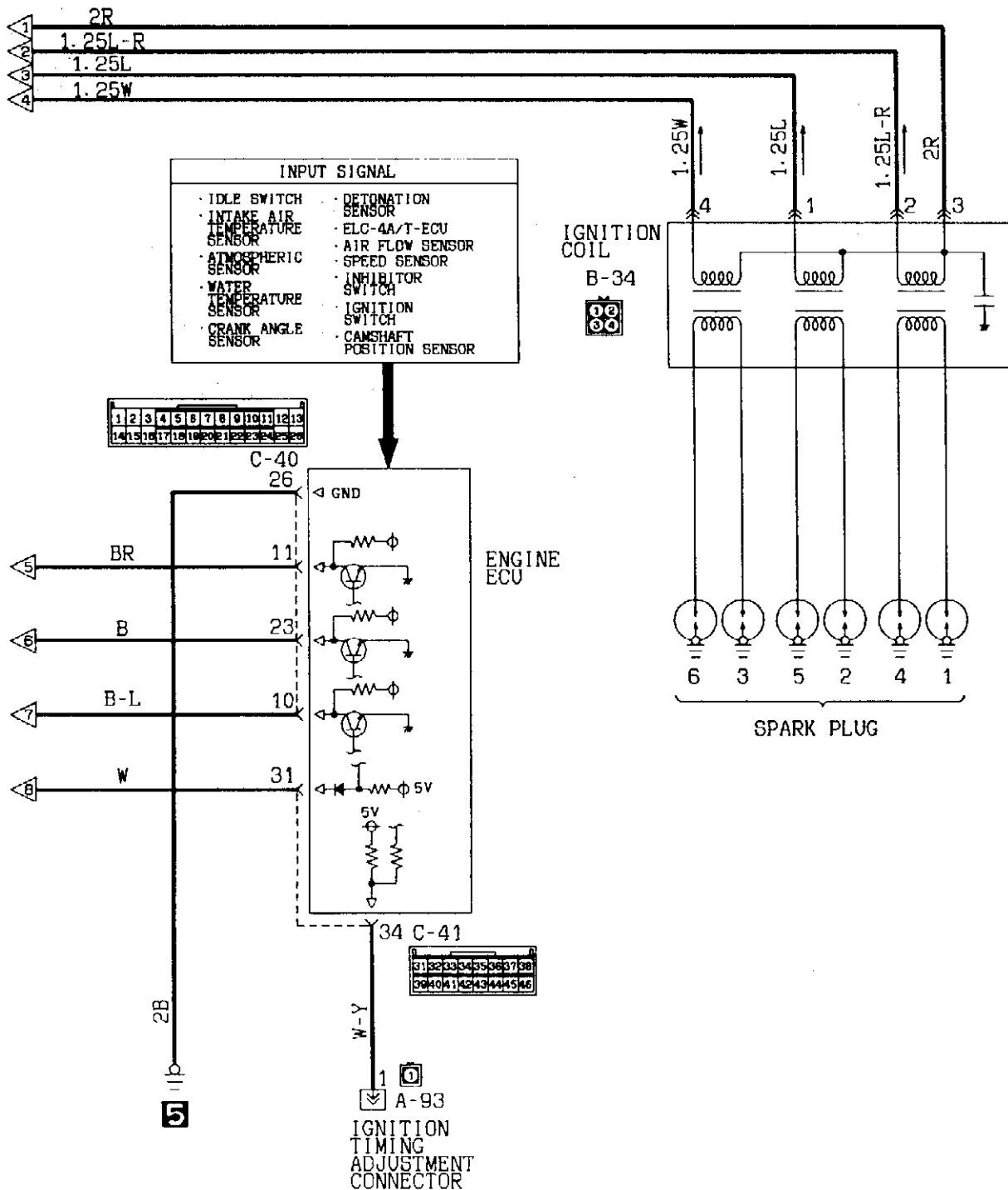


**IGNITION SYSTEM**  
 6A12, 6G73 (L. H. drive vehicles)  
 IGNITION SWITCH (IG1)

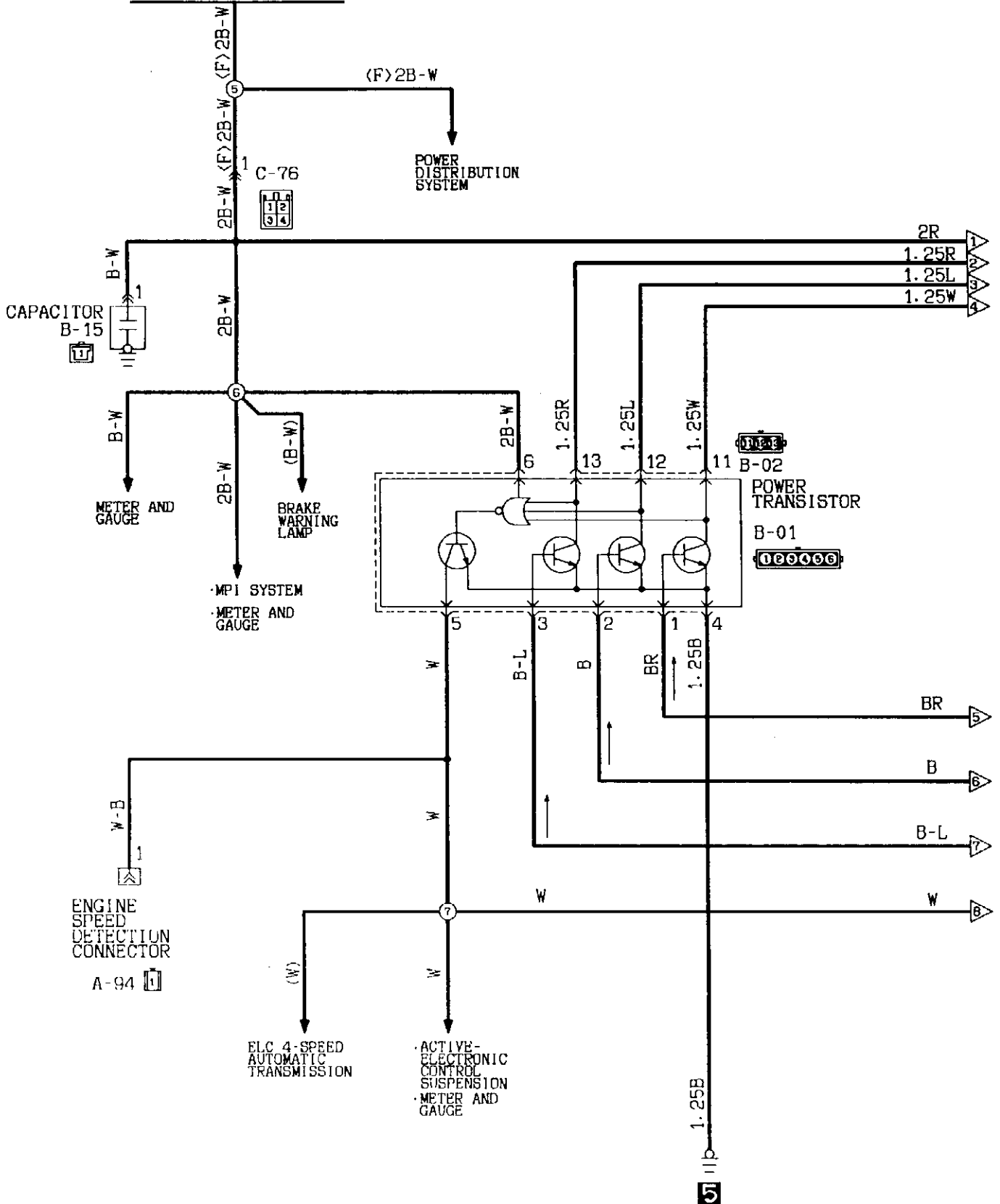


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 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



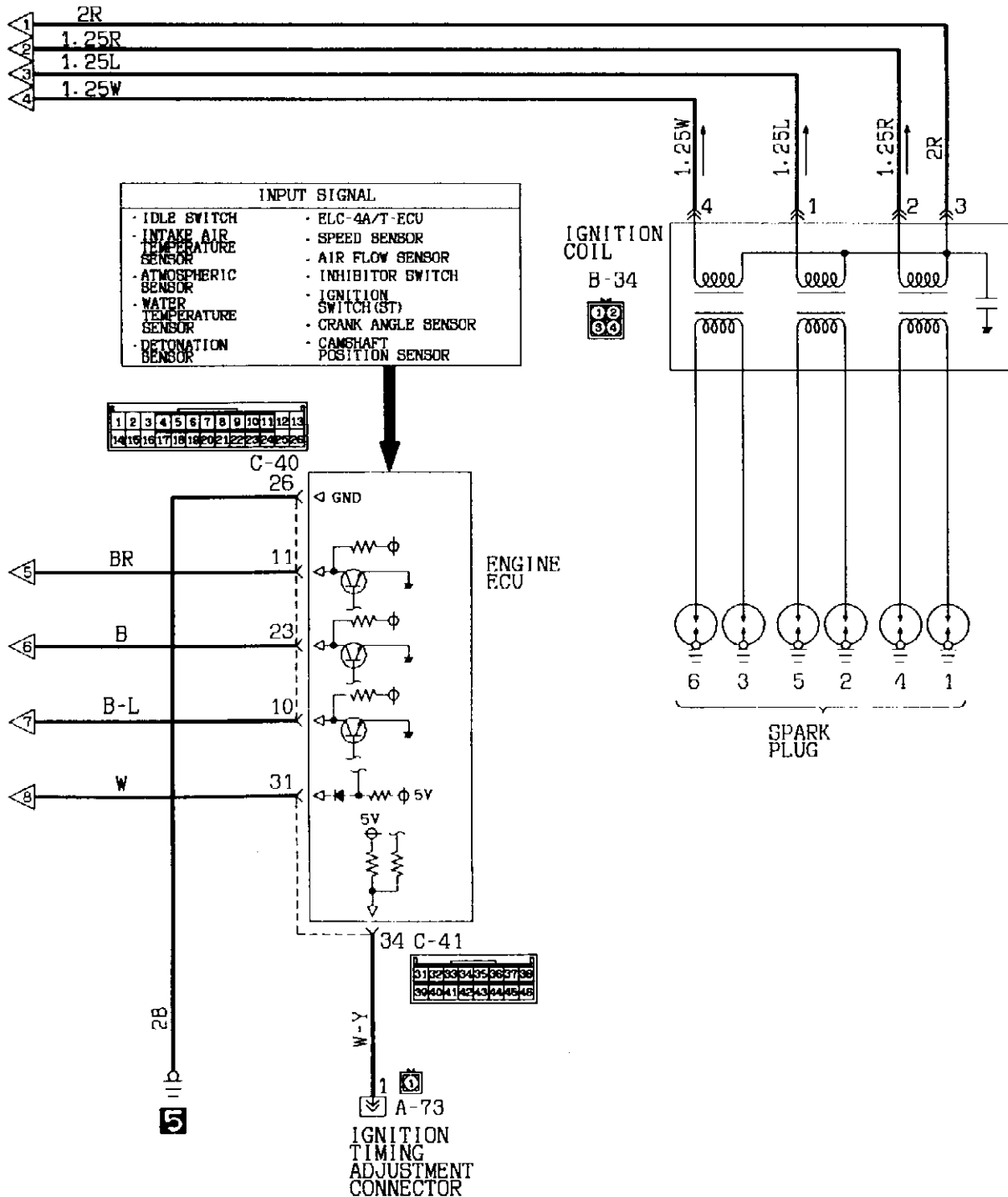


**IGNITION SYSTEM**  
 6A12, 6G73 (R. H. drive vehicles)  
 IGNITION SWITCH (IG1)

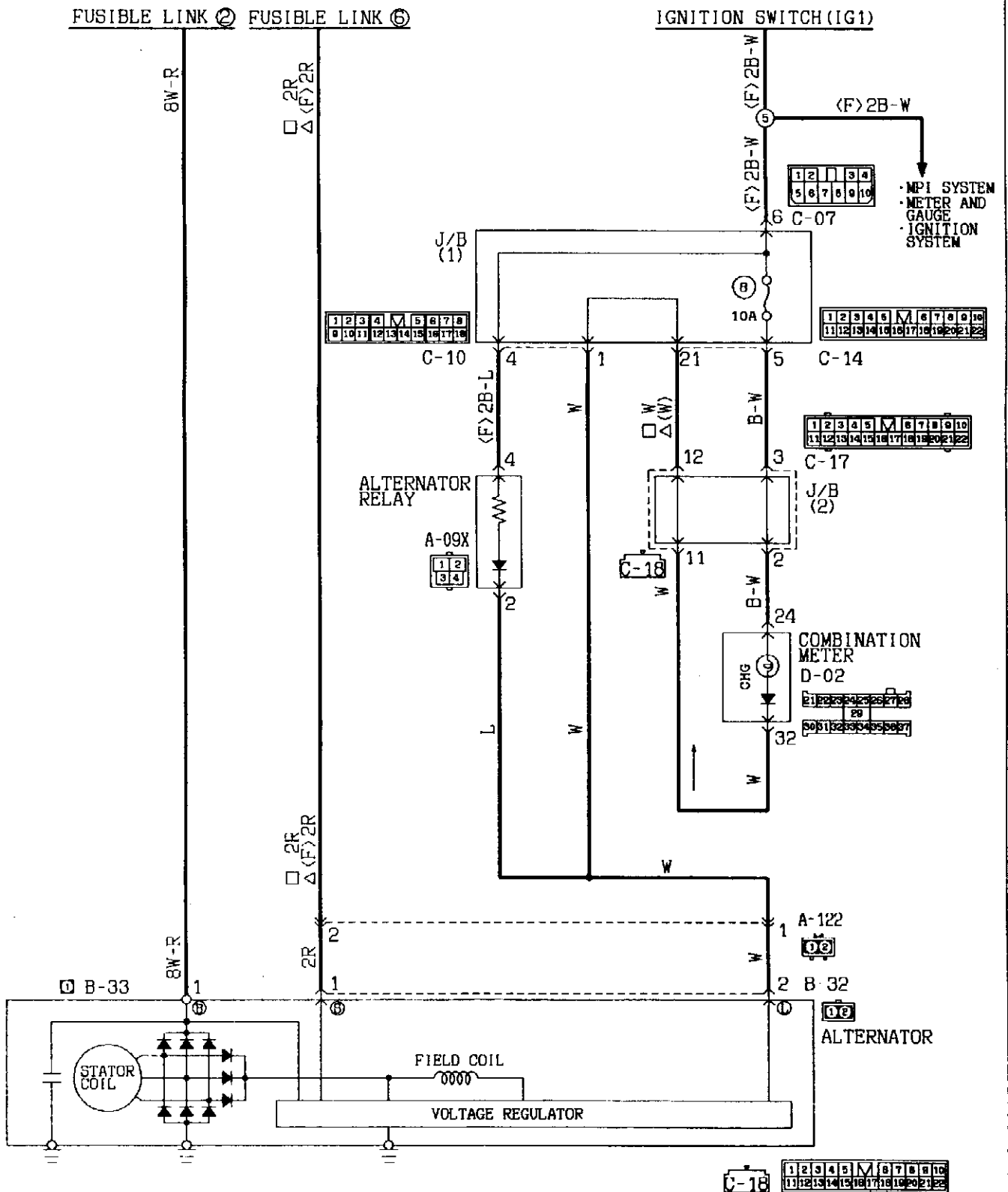


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown D:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F0303-EC



CHARGING SYSTEM  
4G93

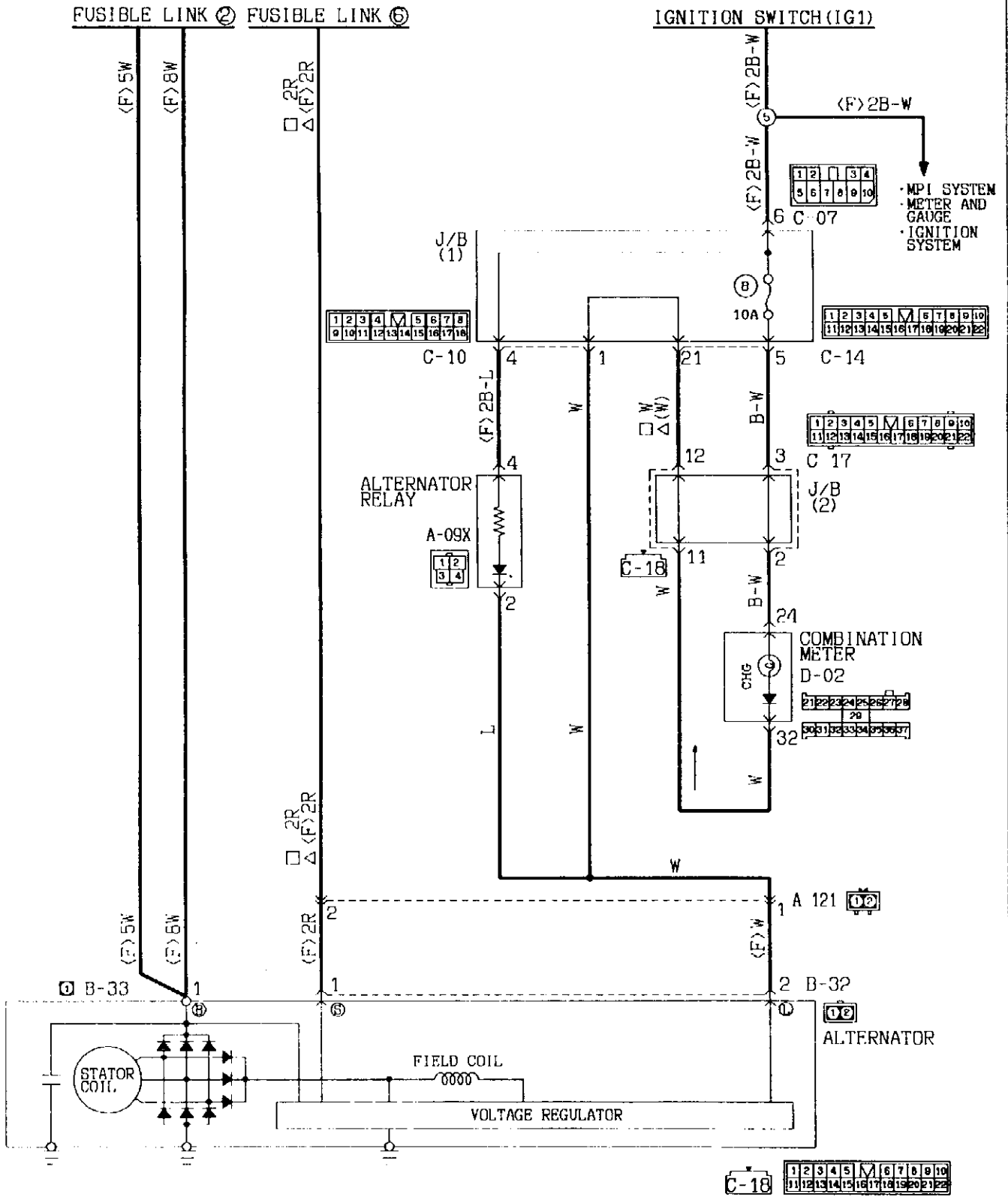


Wire colour code  
 B:Black    LG:Light green    G:Green    L:Blue  
 BR:Brown    O:Orange    GR:Gray    R:Red  
 W:White    SB:Sky blue    P:Pink    Y:Yellow  
 V:Violet

Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.



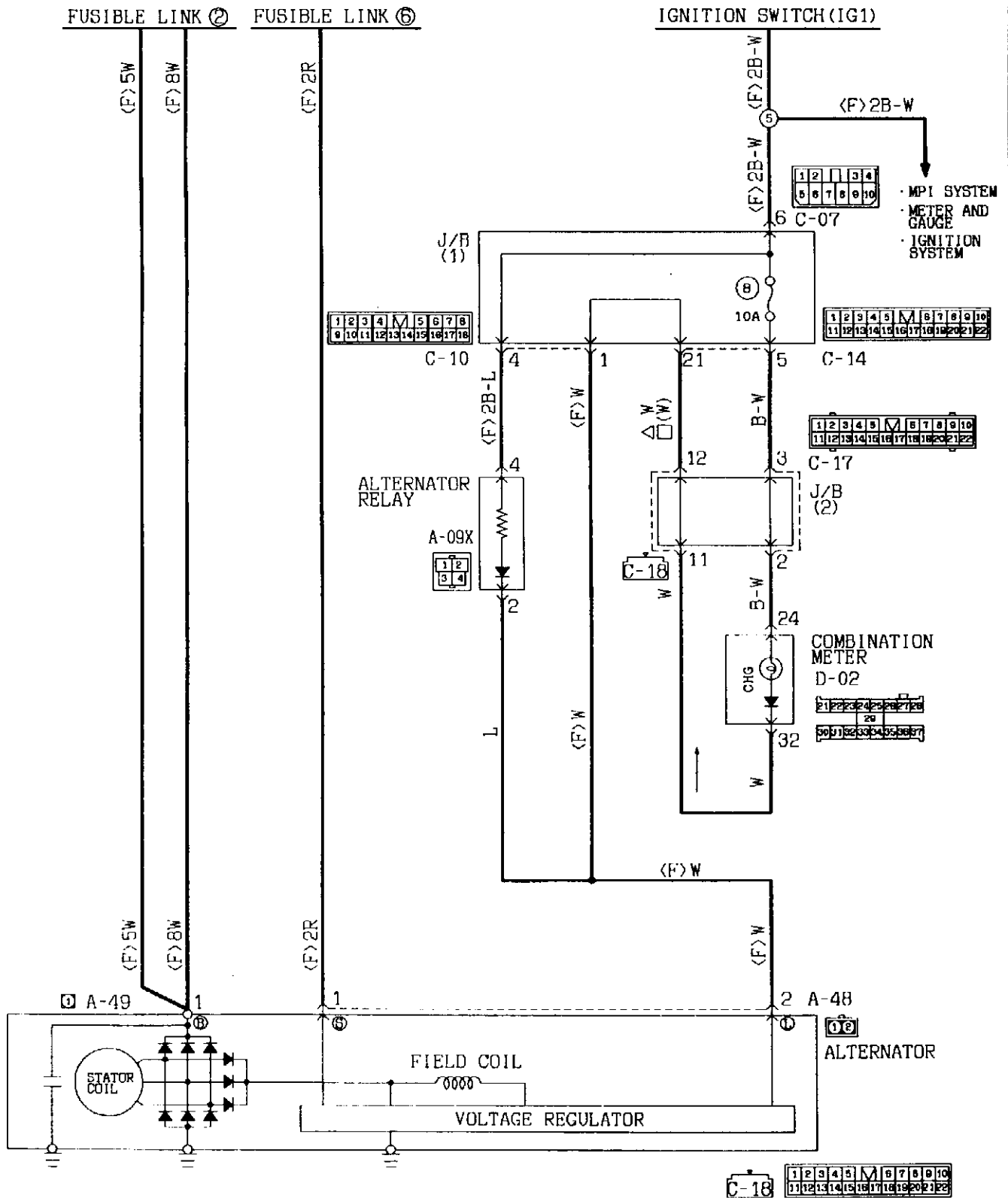
CHARGING SYSTEM  
6A12



Wire colour code  
 B:Black LG:Light green G:Green L:Blue  
 BR:Brown O:Orange GR:Gray R:Red  
 W:White SB:Sky blue P:Pink Y:Yellow  
 V:Violet

Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.

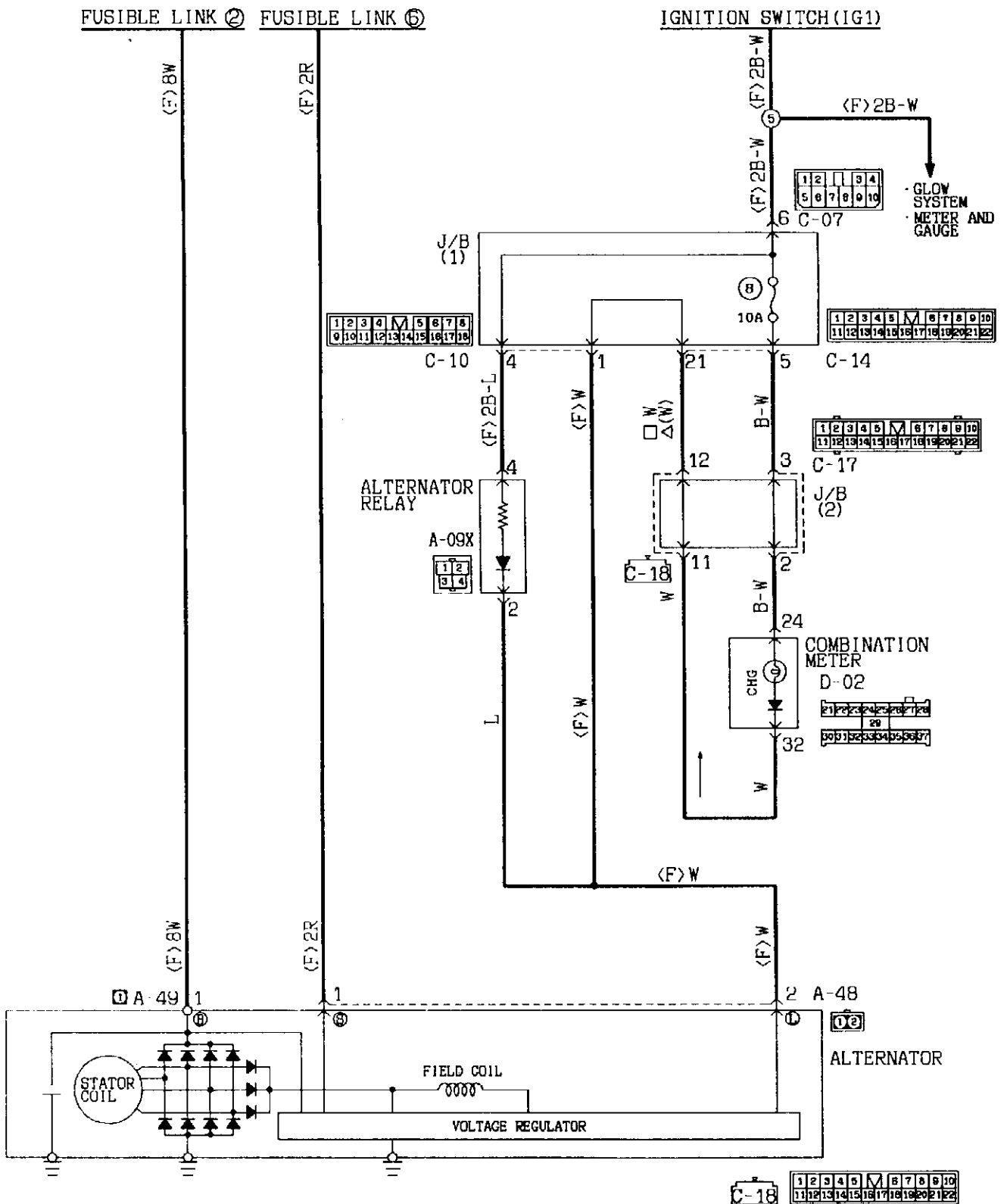
CHARGING SYSTEM  
6G73



Wire colour code  
 B:Black    LG:Light green    G:Green    L:Blue  
 BR:Brown    O:Orange    GR:Gray    R:Red  
 W:White    SB:Sky blue    P:Pink    Y:Yellow  
 V:Violet

Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.

CHARGING SYSTEM  
4D68



Wire colour code  
 B:Black      LG:Light green      G:Green      L:Blue  
 BR:Brown    O:Orange            GR:Gray      R:Red  
 W:White      SB:Sky blue          P:Pink        Y:Yellow  
 V:Violet

Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.



**CHARGING SYSTEM (See P. 4-28, 29, 30, 31, 32.)****OPERATION****When engine is stationary**

- When the ignition switch is turned to the ON position, current flows from the alternator L terminal to the field coil and, at the same time, the charge warning lamp lights up.

**When engine is started and after engine has started**

- When the engine is started, the charge warning lamp goes out because of the charging voltage being applied to the alternator L terminal.
- The battery voltage being applied to the alternator S terminal is monitored by the IC voltage regulator. Hence, the amount of electricity produced by the alternator is controlled by allowing and cutting off the current flowing to the field coil.
- The alternator B terminal supplies power to each load.

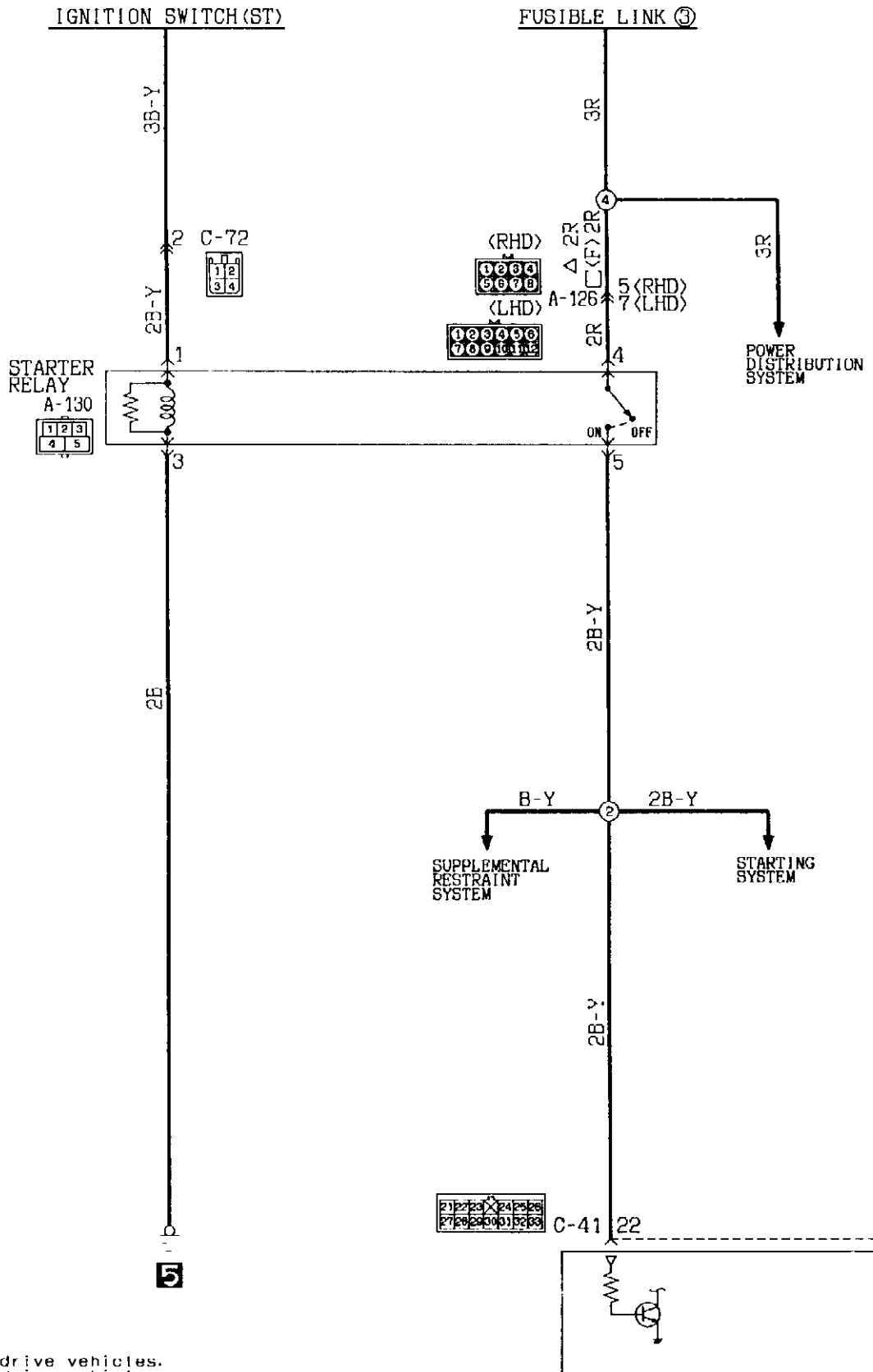
**Remarks**

- The alternator relay is provided to back up the flow of current to the field coil when the charge warning lamp is open.

**TROUBLESHOOTING HINTS**

1. Charging indicator lamp does not go on when the ignition switch is turned to "ON", before the engine starts.
  - Check the bulb.
2. Charging indicator lamp fails to go off once the engine starts.
  - Check IC voltage regulator of alternator.
3. Discharged or overcharged battery.
  - Check IC voltage regulator of alternator.
4. Charge warning lamp lights up dimly.
  - Check combination meter diode (for short).

GLOW SYSTEM



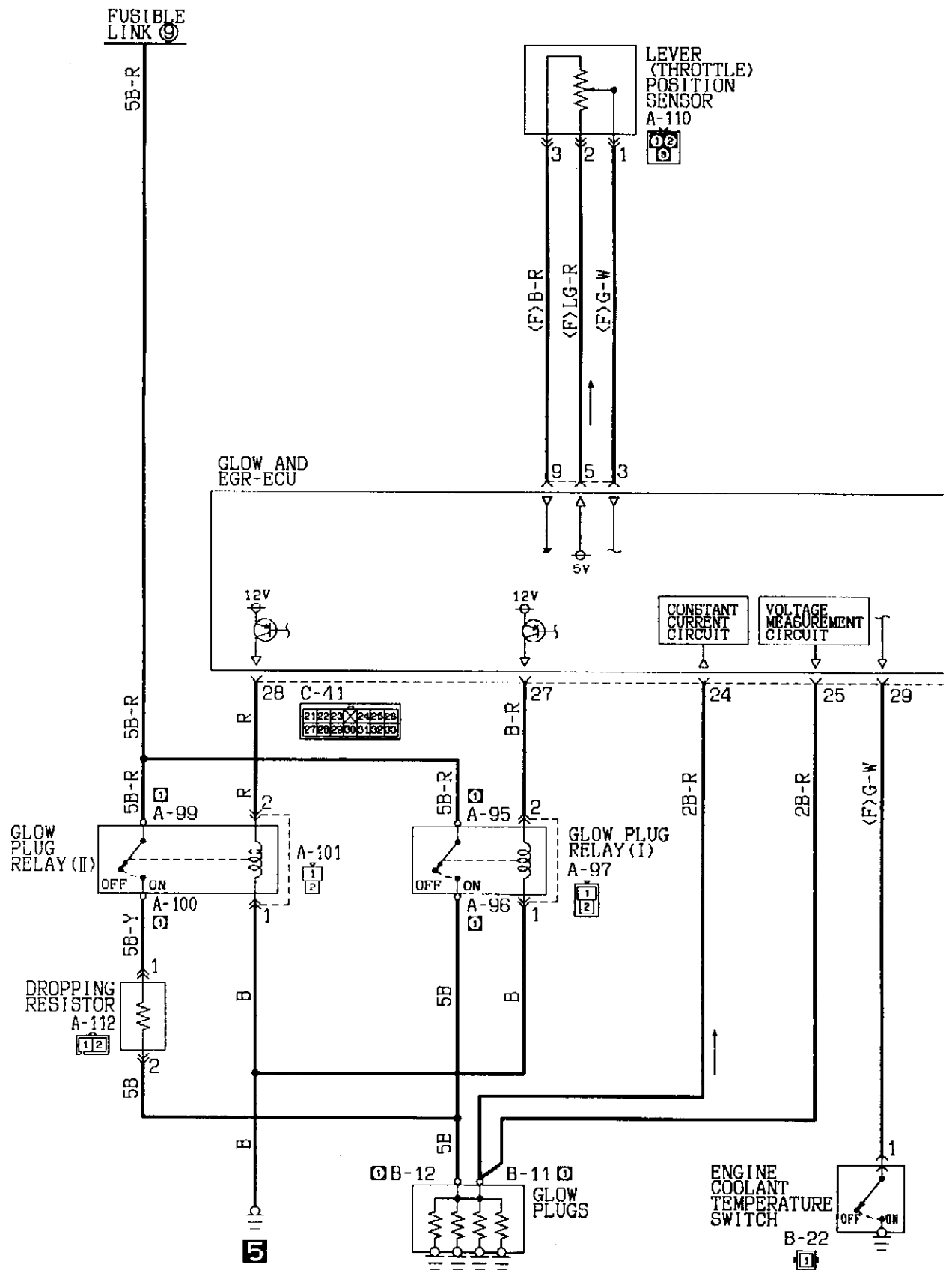
Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) Δ : R. H. drive vehicles.

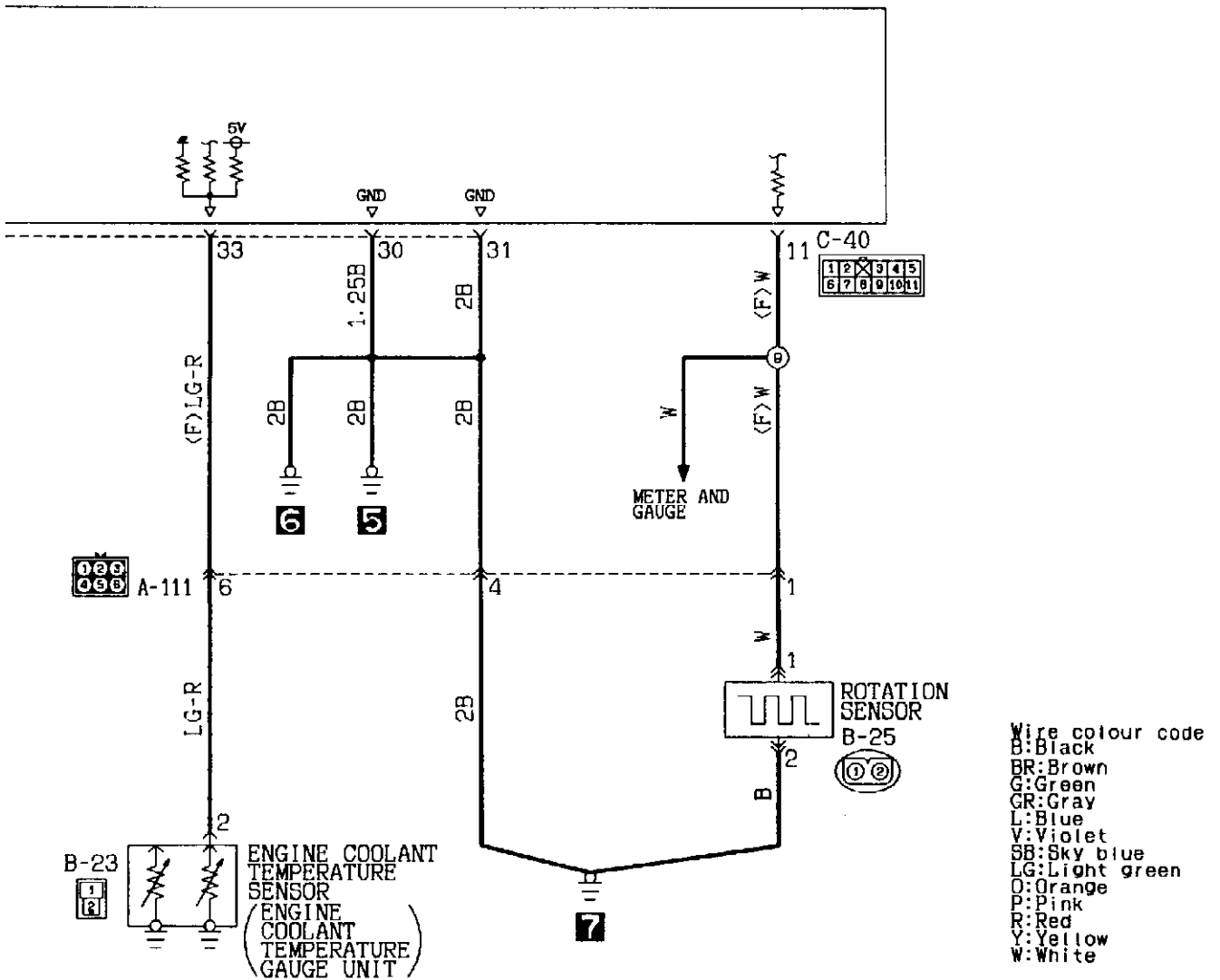
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F0501-EC

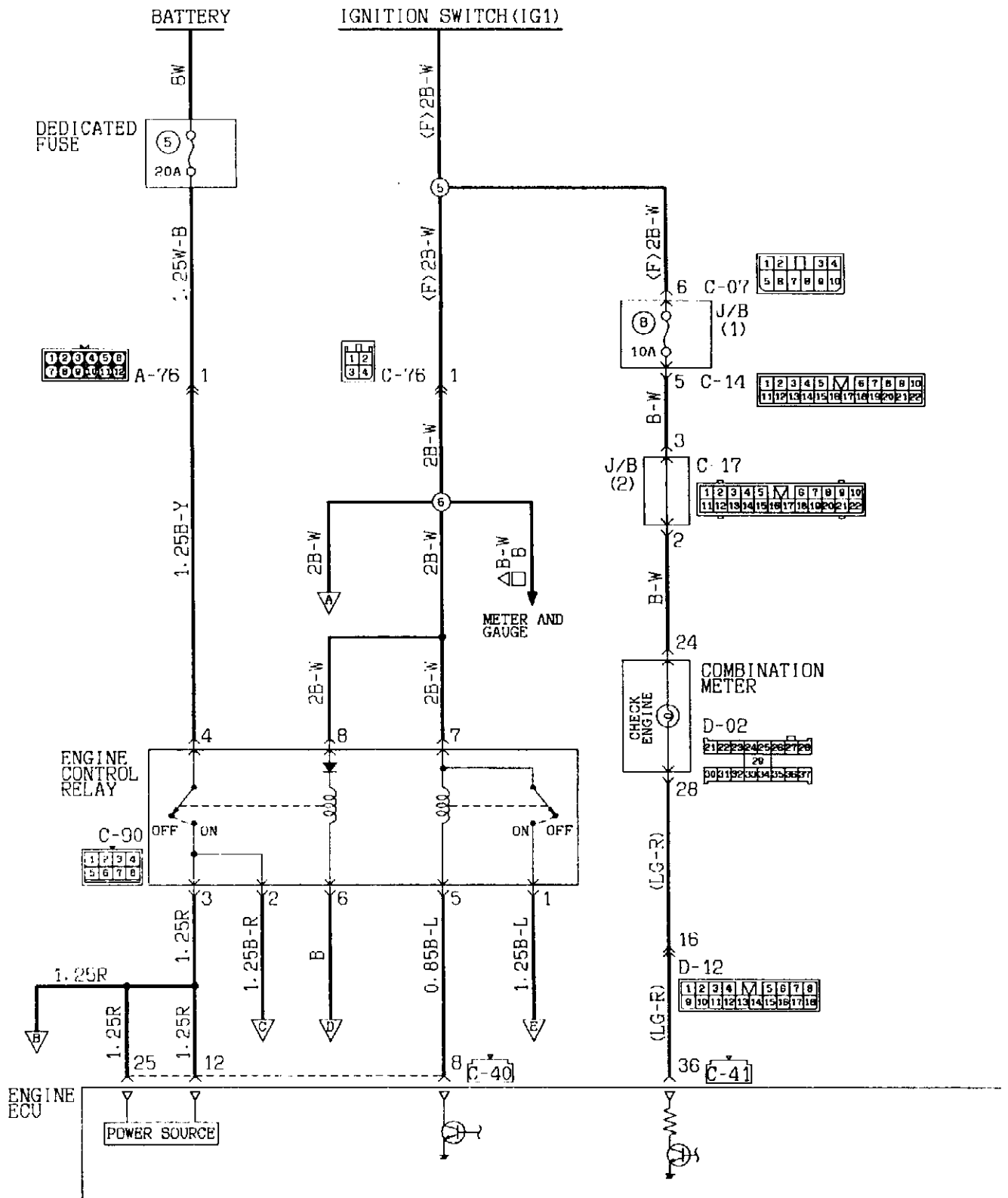


GLOW SYSTEM (CONTINUED)





MPI SYSTEM  
4G93, 4G63



Remarks  
(1) □ : L.H. drive vehicles.  
(2) △ : R.H. drive vehicles.

KX35-AC-F0502-EC

C-40

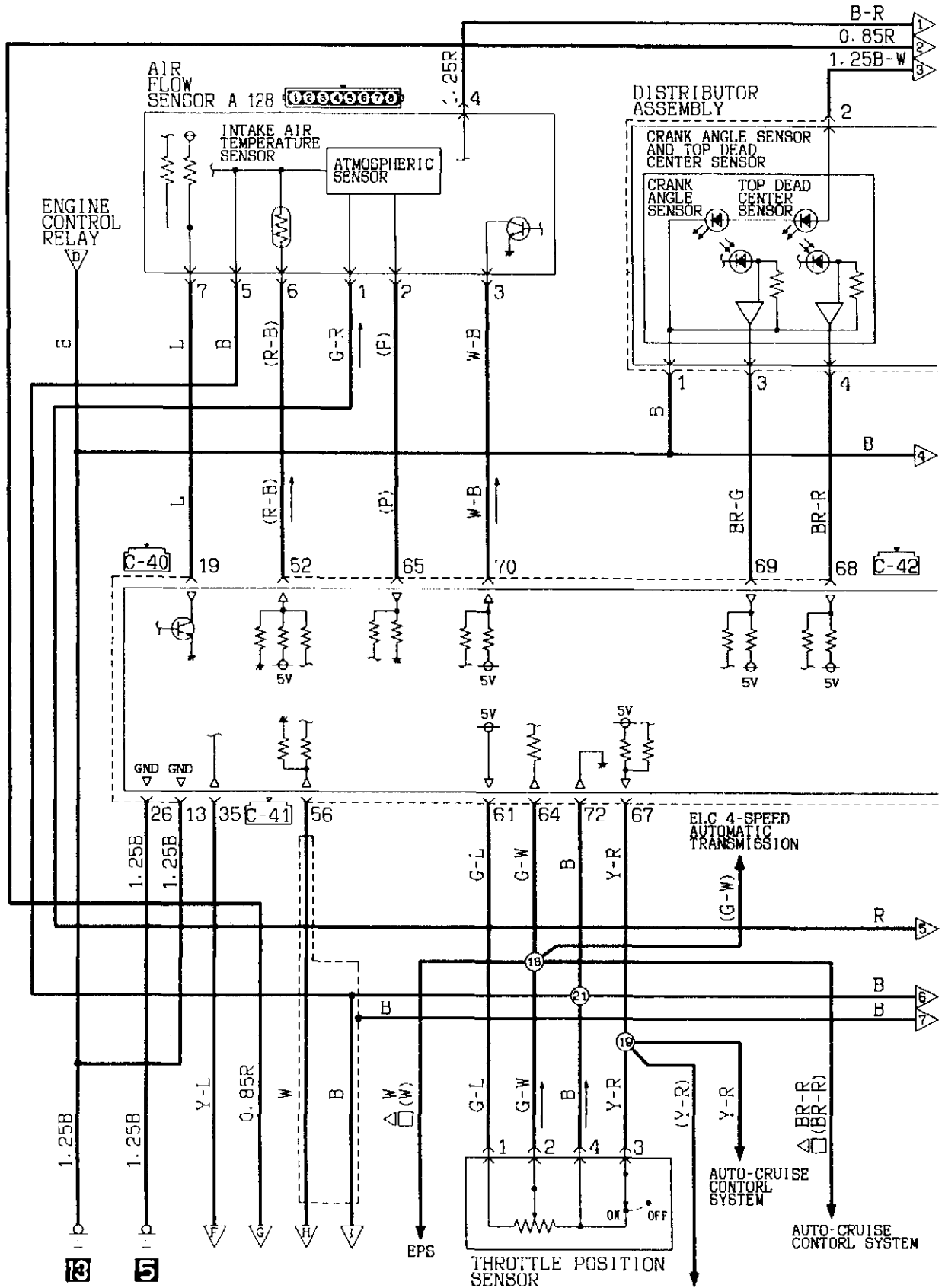
|    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

C-41

|    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 |
| 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 |



MPI SYSTEM (4G93, 4G63) (CONTINUED)

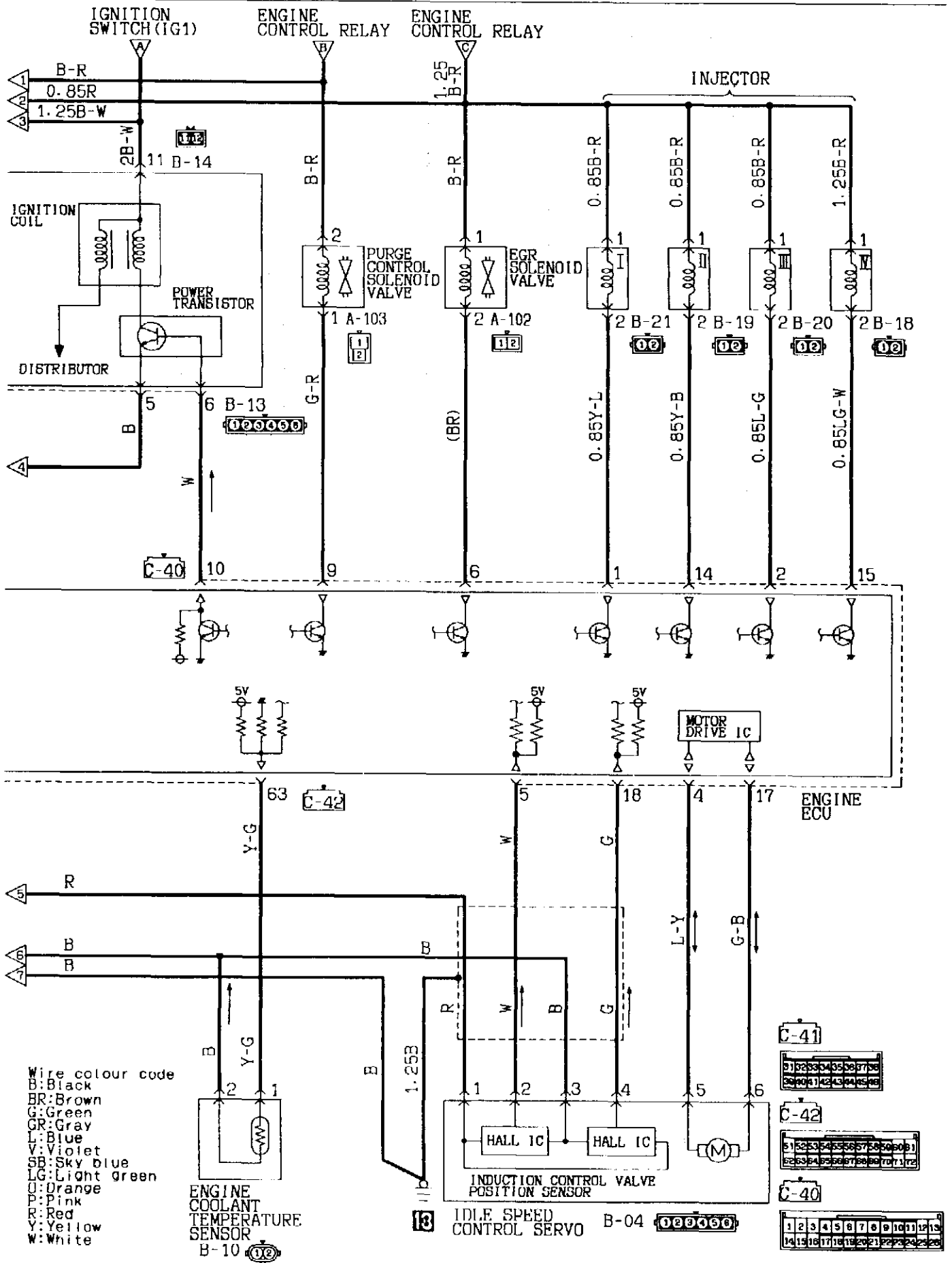


Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.

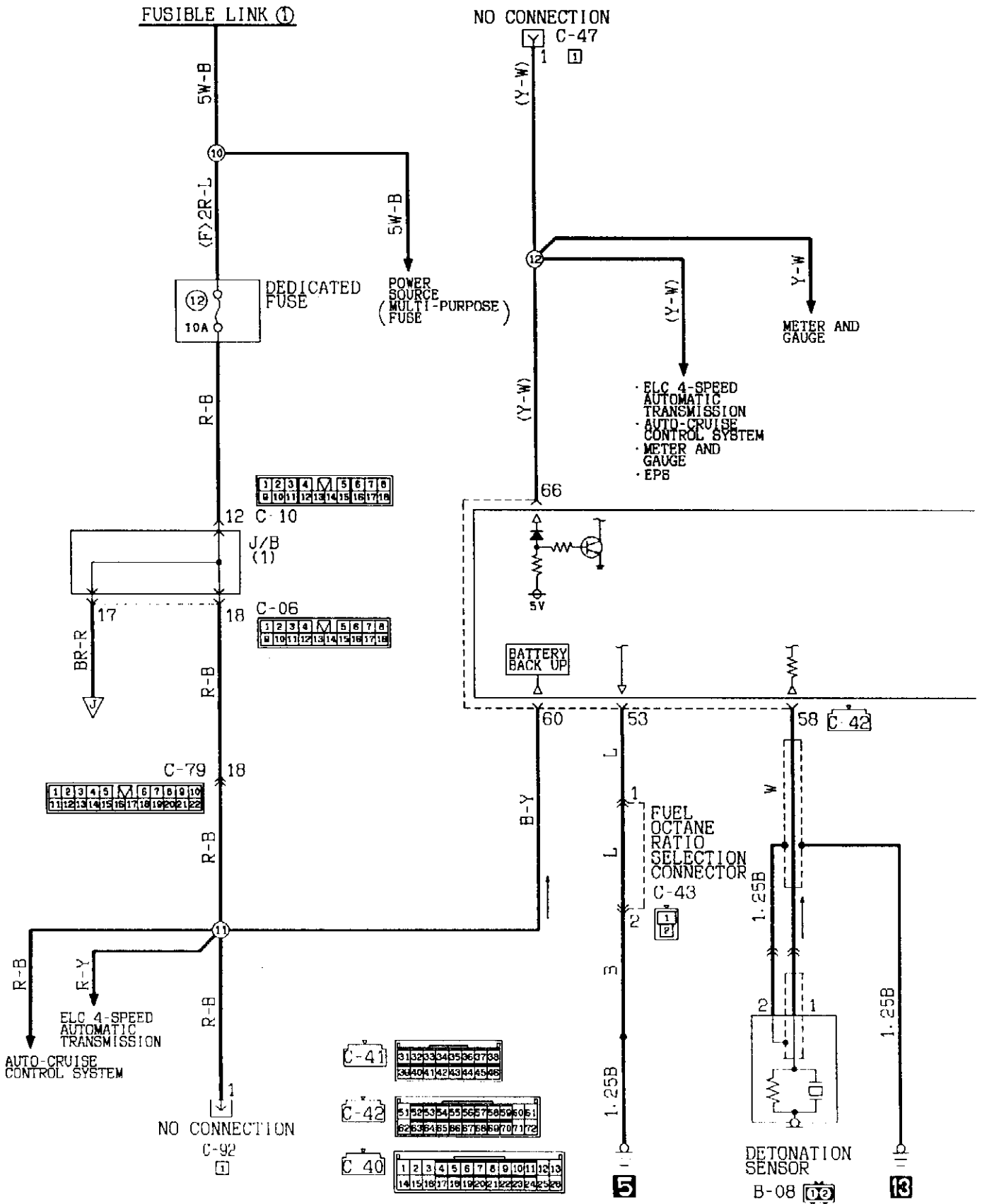
B-07 ELC 4-SPEED AUTOMATIC TRANSMISSION

KX35-AC-F0502A-EC



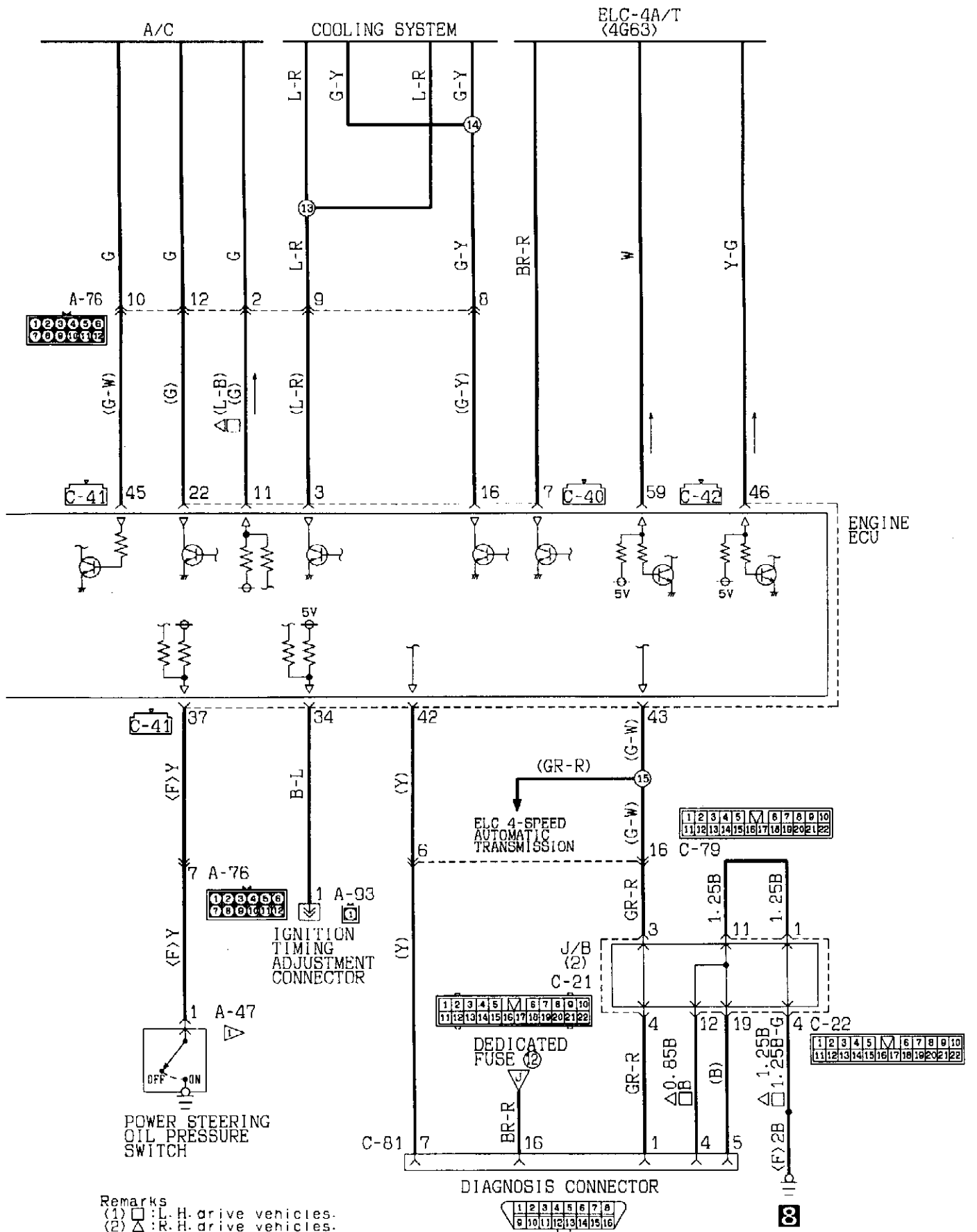


MPI SYSTEM <4G93, 4G63> (CONTINUED)

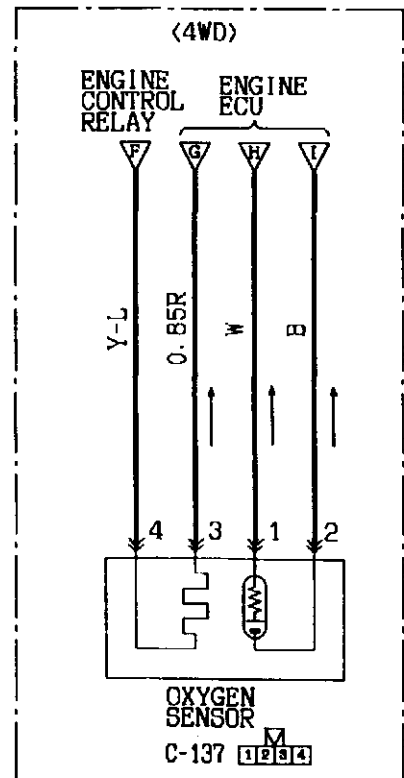
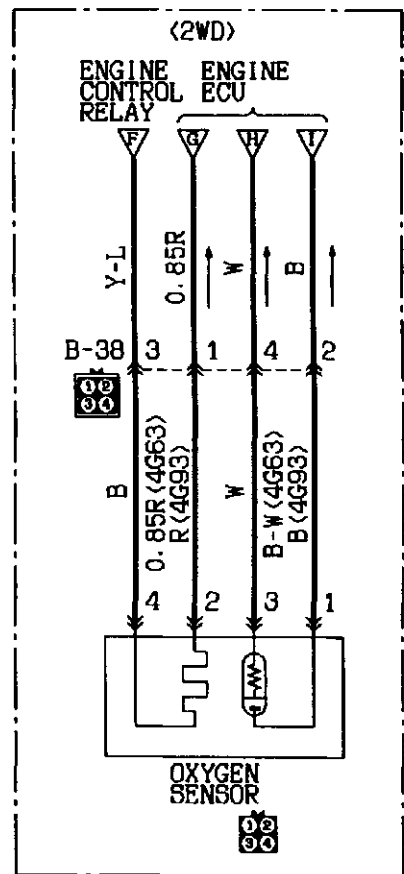
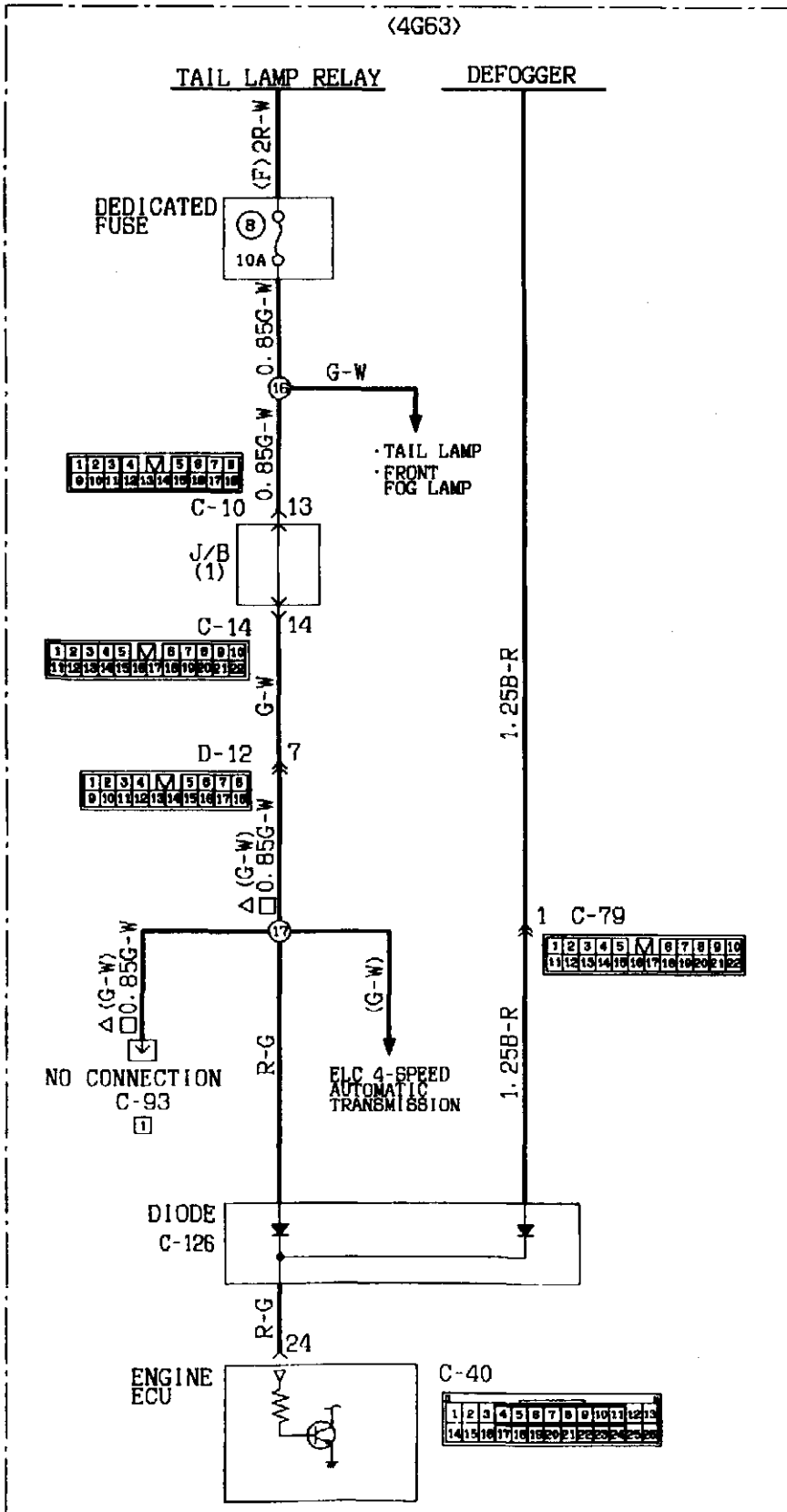


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Skv blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F0502B-EC



MPI SYSTEM <4G93, 4G63> (CONTINUED)



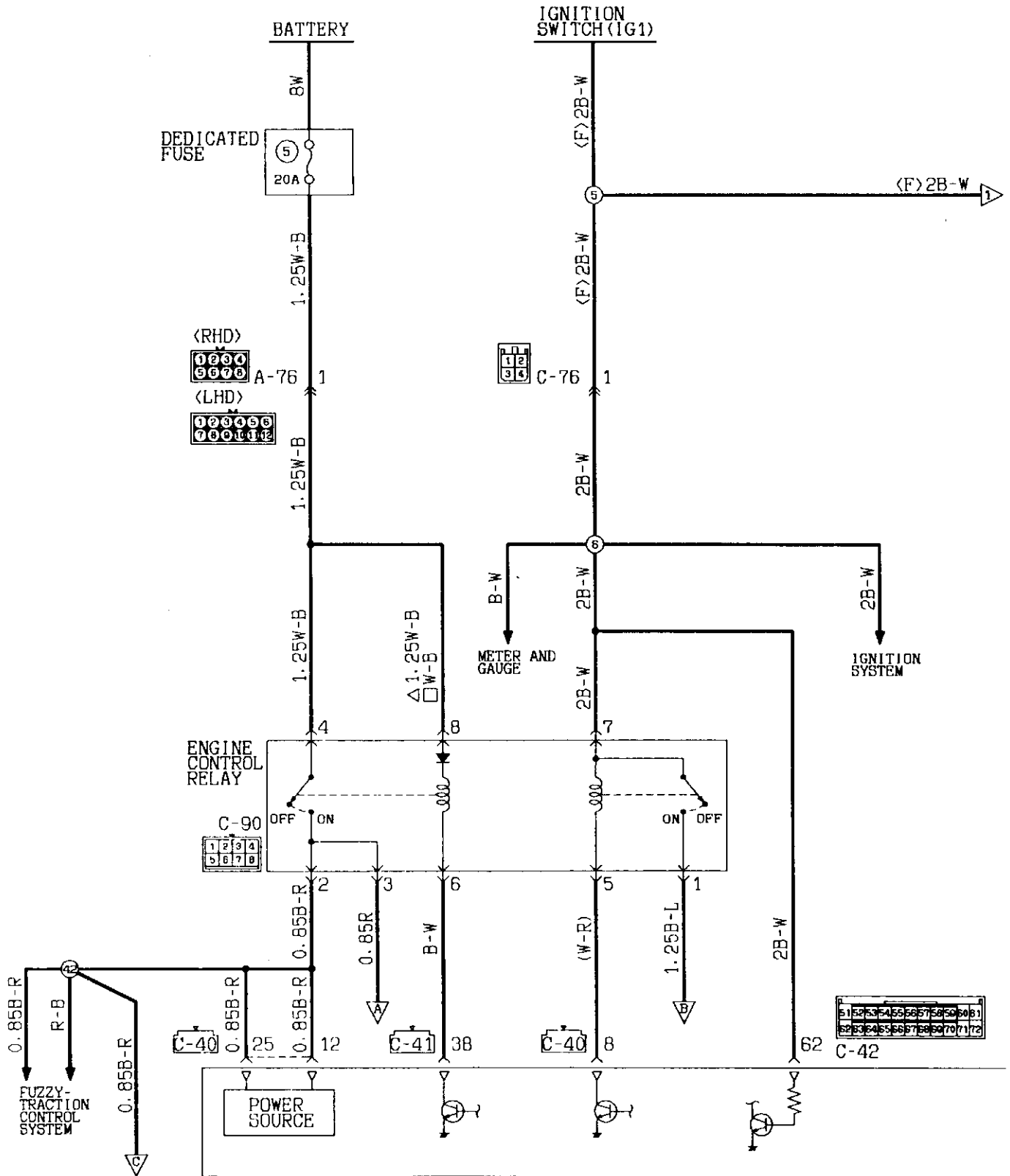
Remarks  
 (1) □: L. H. drive Vehicles.  
 (2) △: R. H. drive Vehicles.

Wire colour code  
 B: Black LG: Light green G: Green  
 BR: Brown O: Orange GR: Gray  
 W: White SB: Sky blue P: Pink  
 V: Violet

L: Blue  
 R: Red  
 Y: Yellow

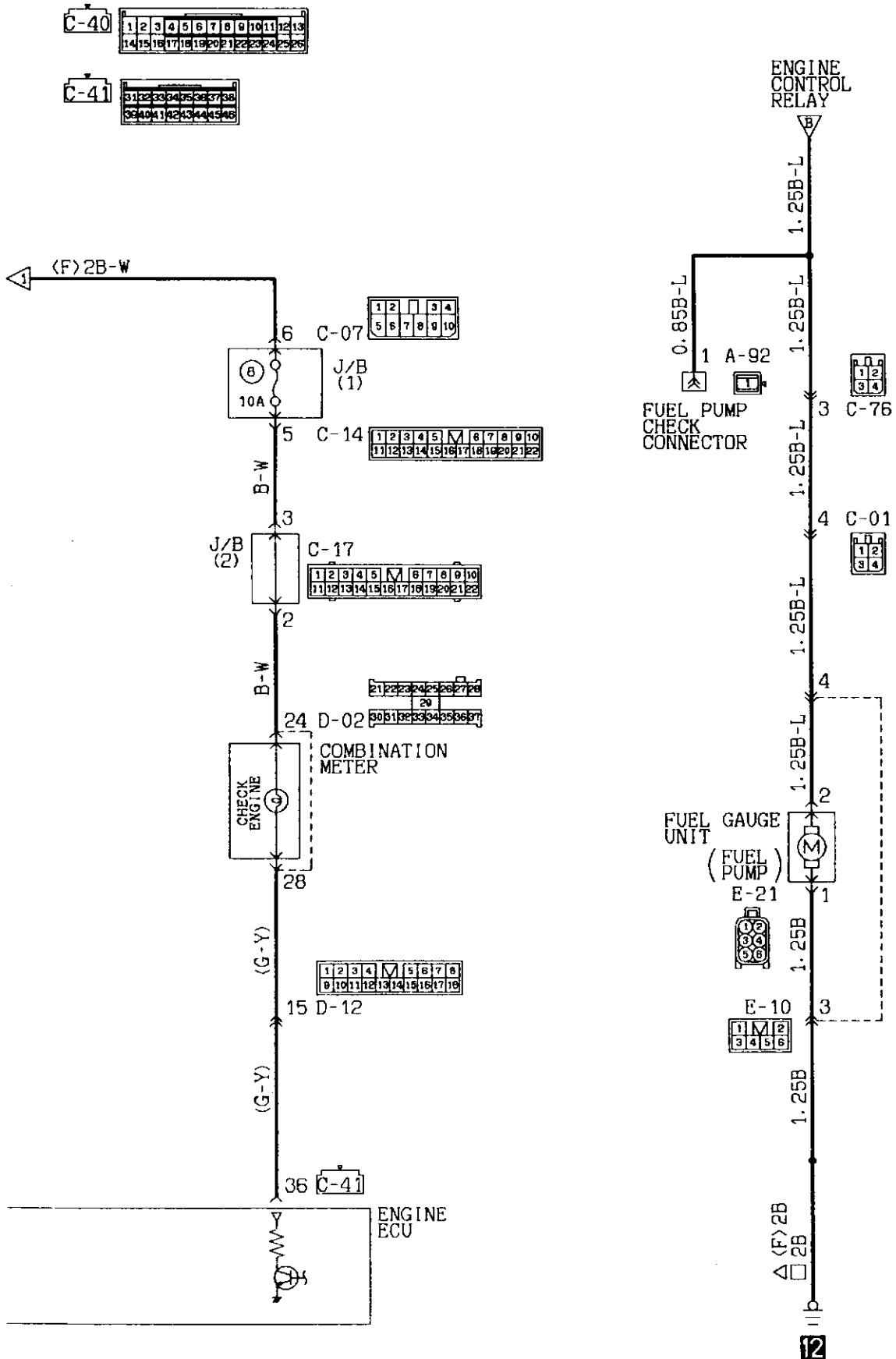
NOTES

**MPI SYSTEM**  
6A12, 6G73



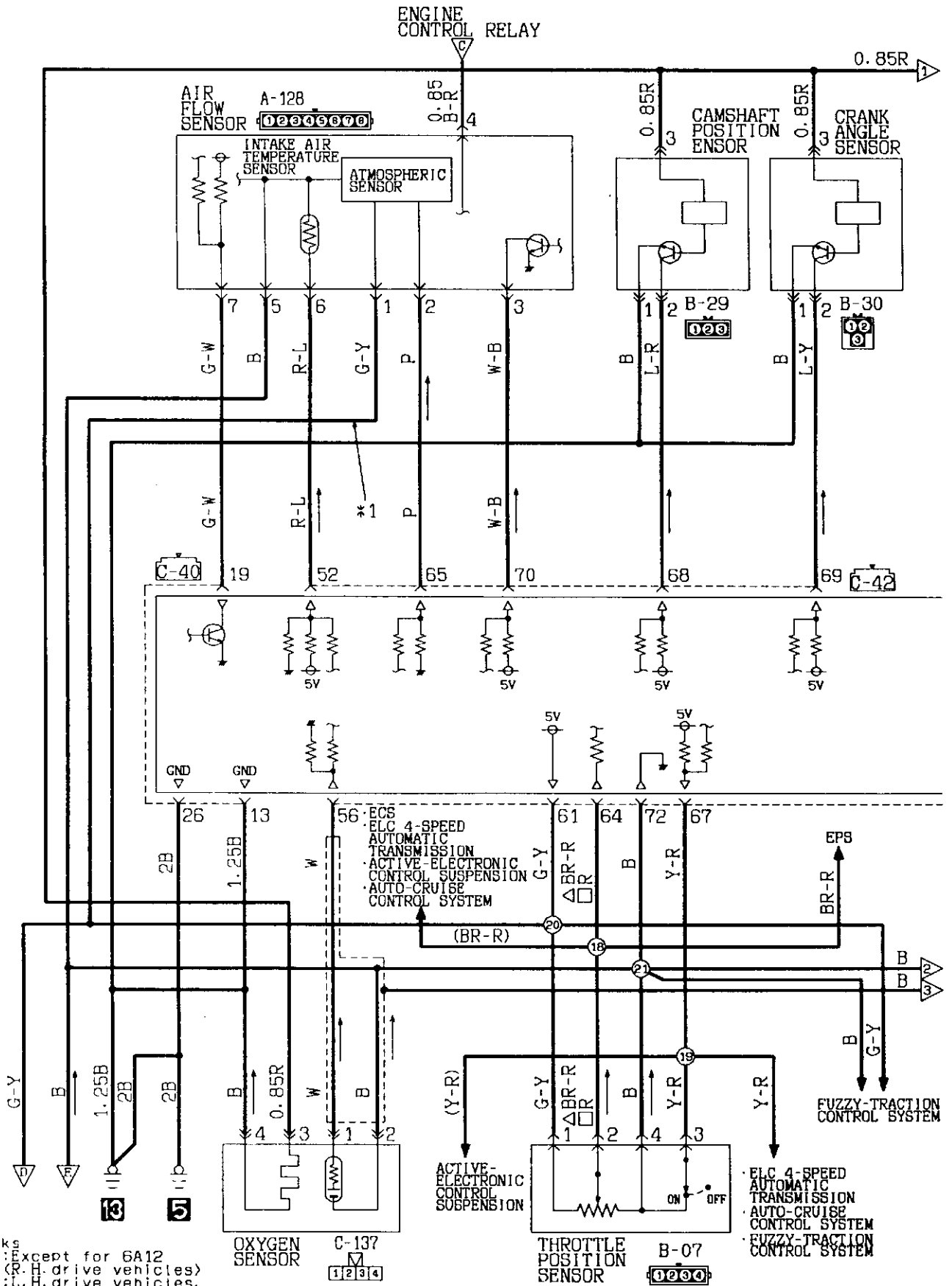
Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.

KX35-AC-F0503-EC



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

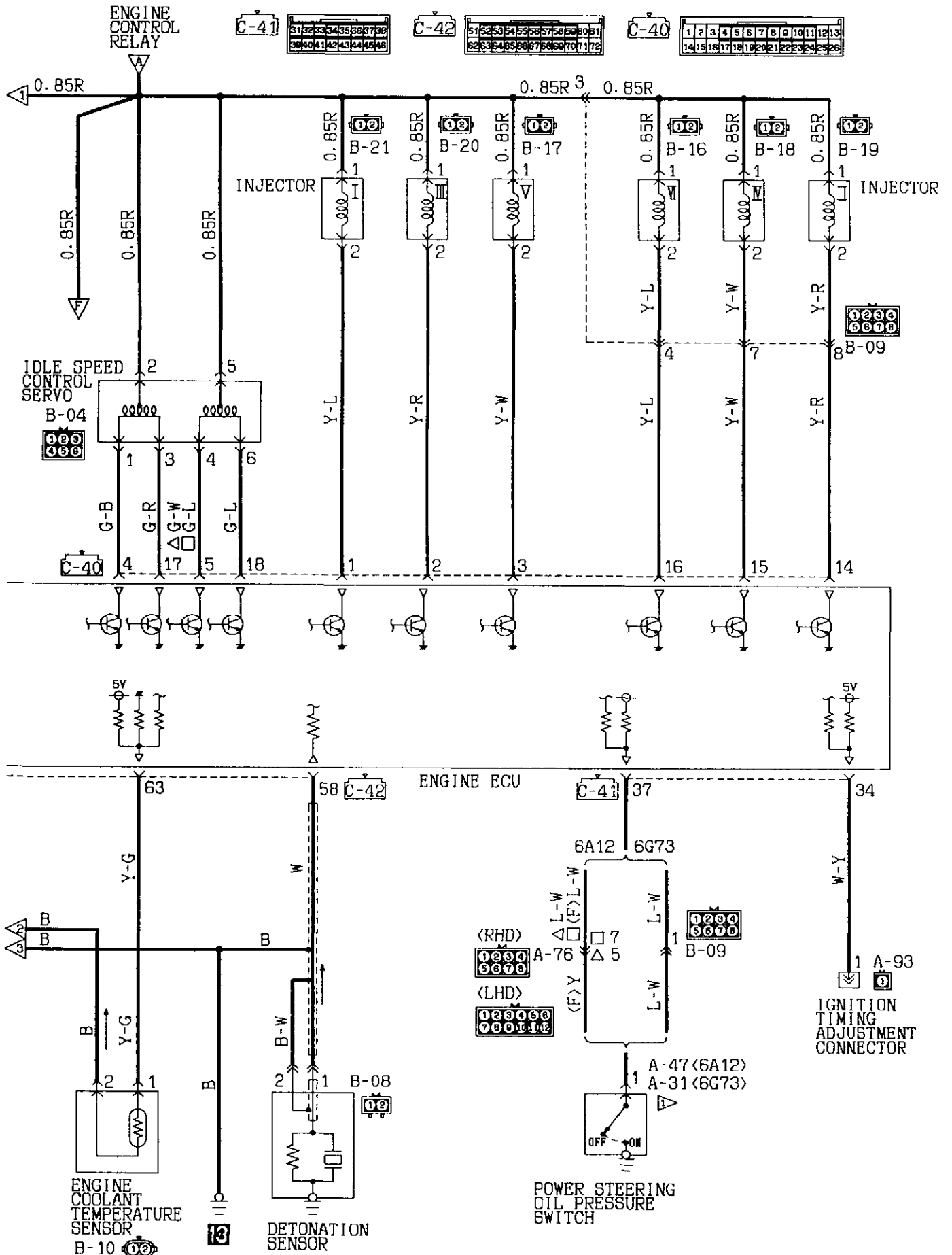
MP1 SYSTEM (6A12, 6G73) (CONTINUED)



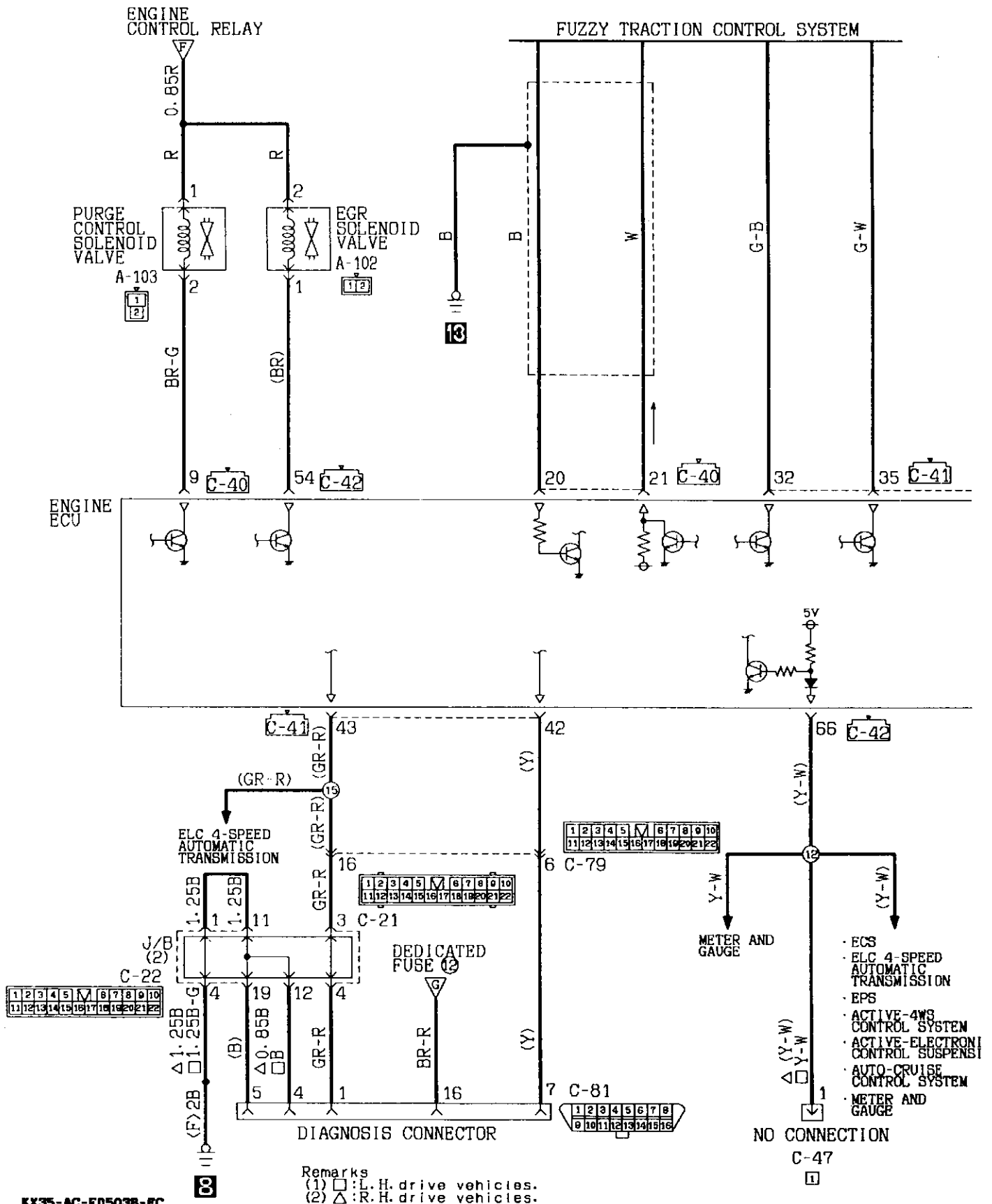
Remarks  
 (1) \*1: Except for 6A12  
 (2) □: R.H. drive vehicles.  
 (3) △: L.H. drive vehicles.

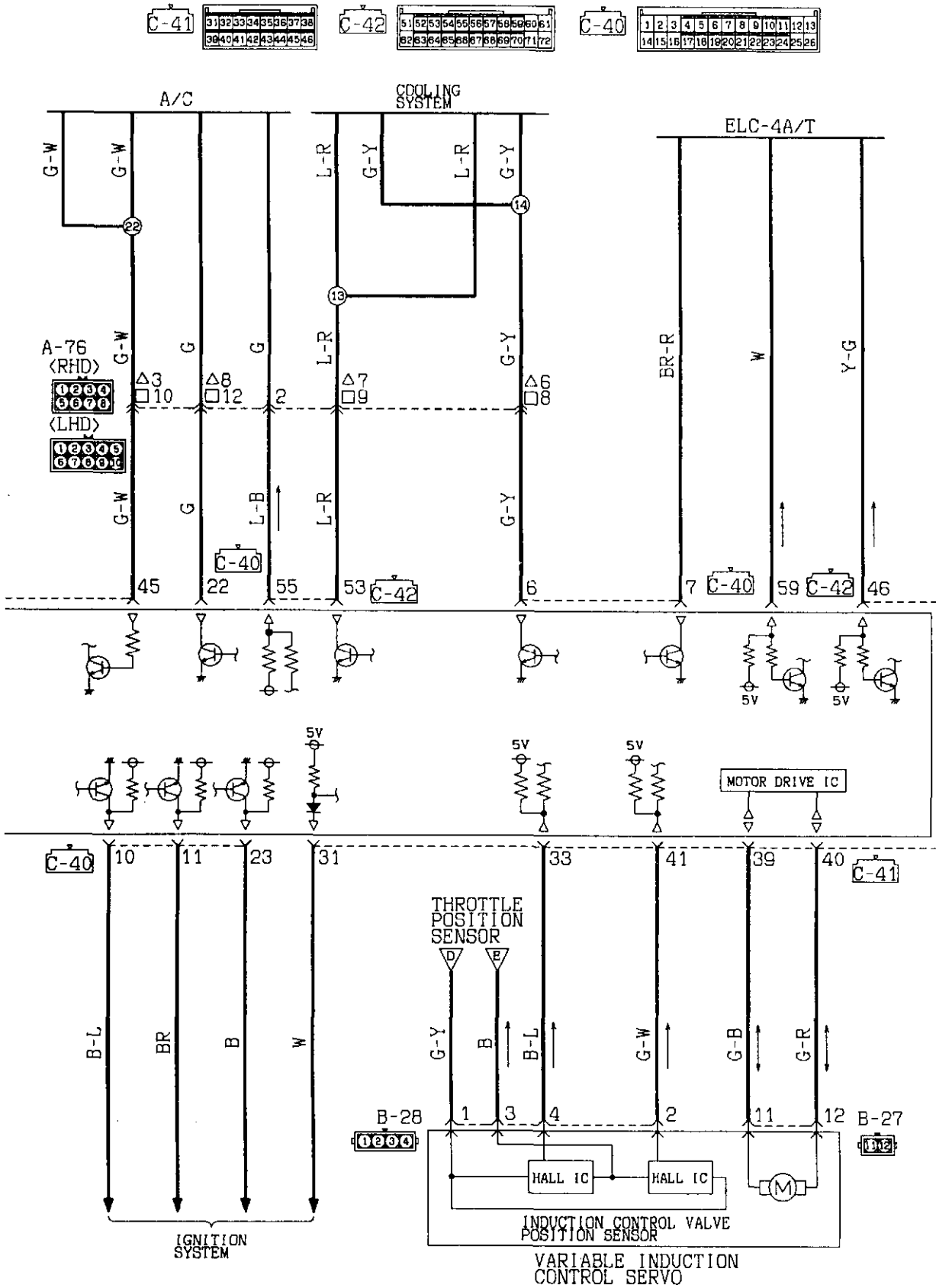
KX35-AC-F0503A-EC





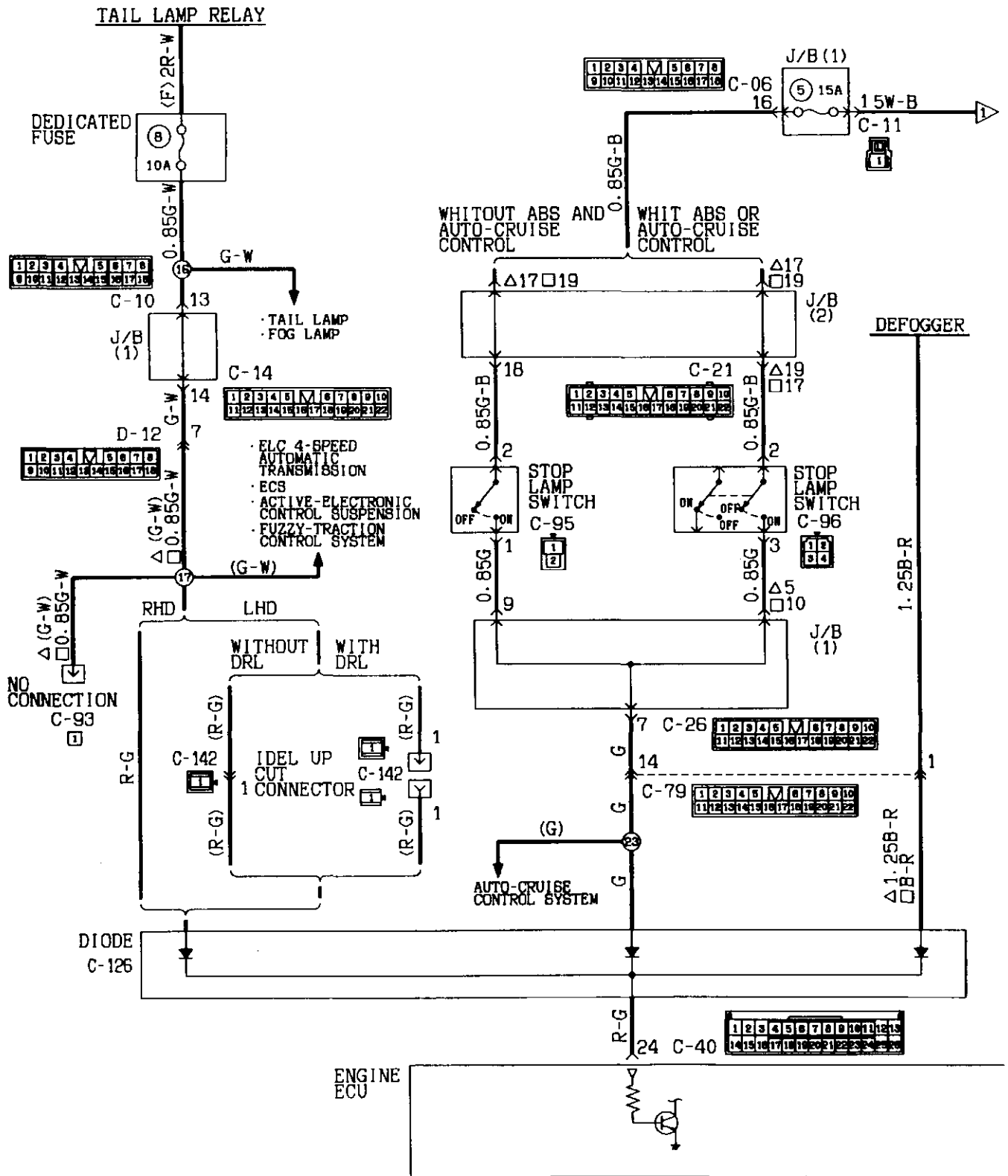
MPI SYSTEM <6A12. 6G73> (CONTINUED)





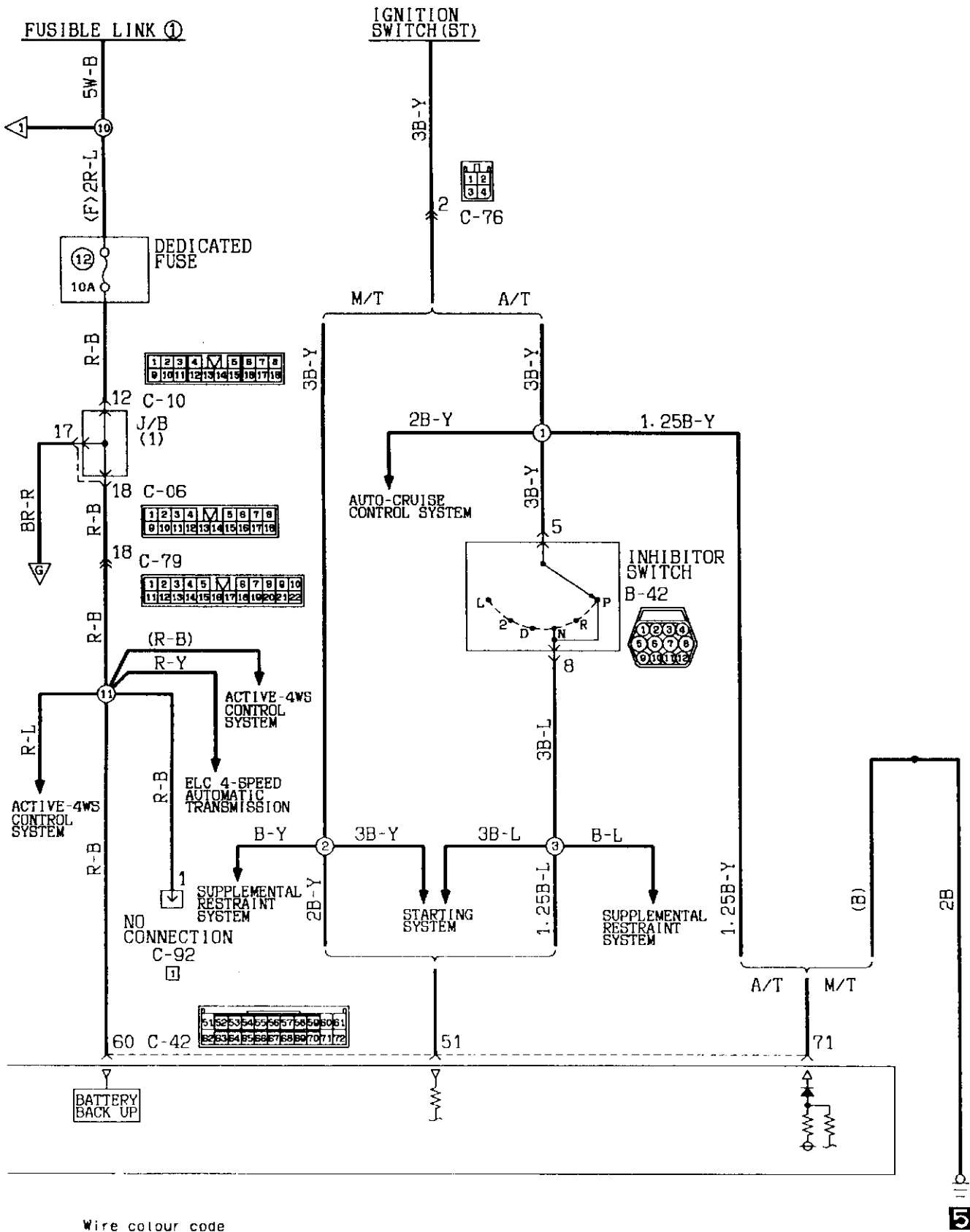
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

MPI SYSTEM <6A12. 6G73> (CONTINUED)



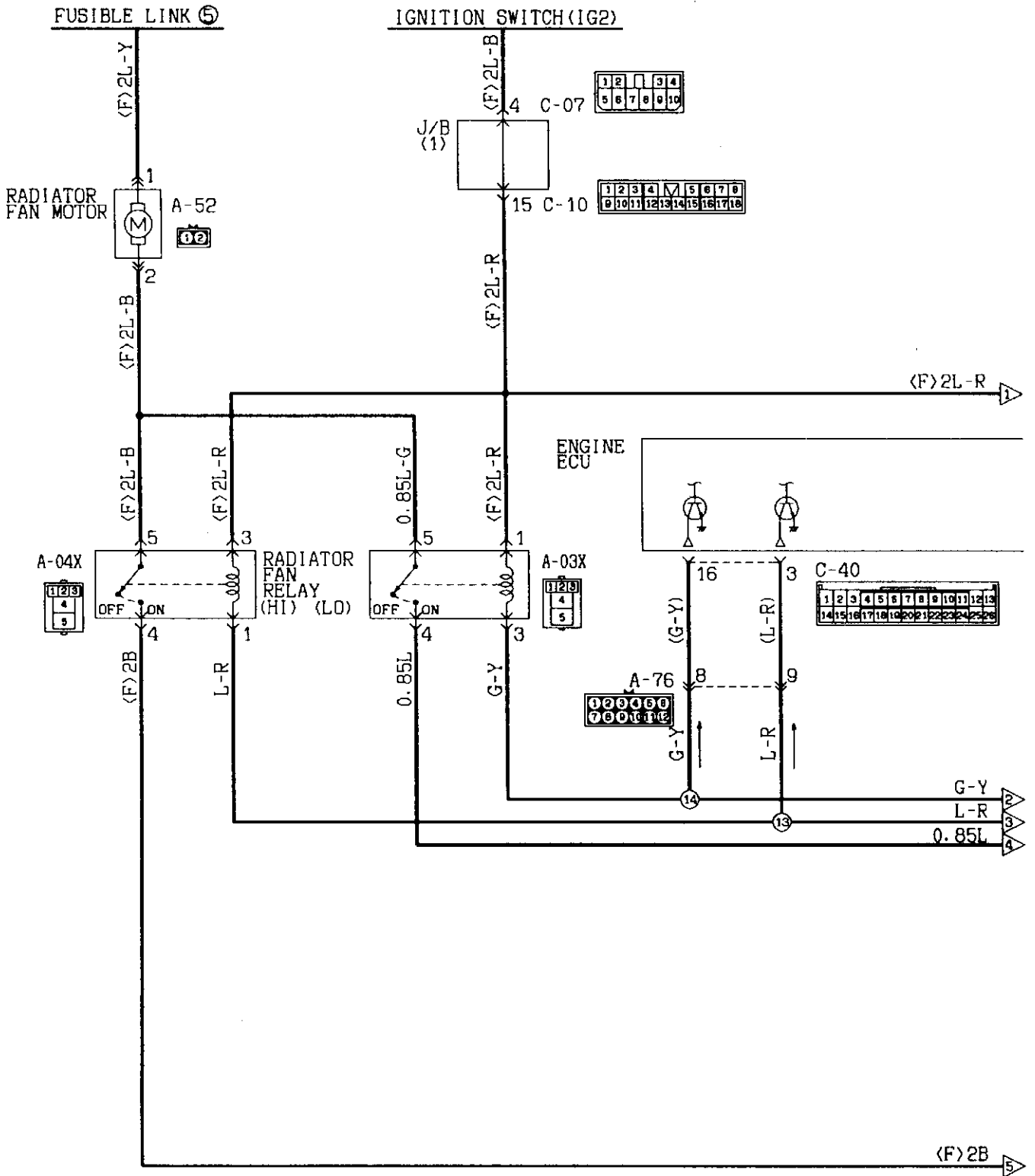
Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.

KX35-AC-F0503C-EC



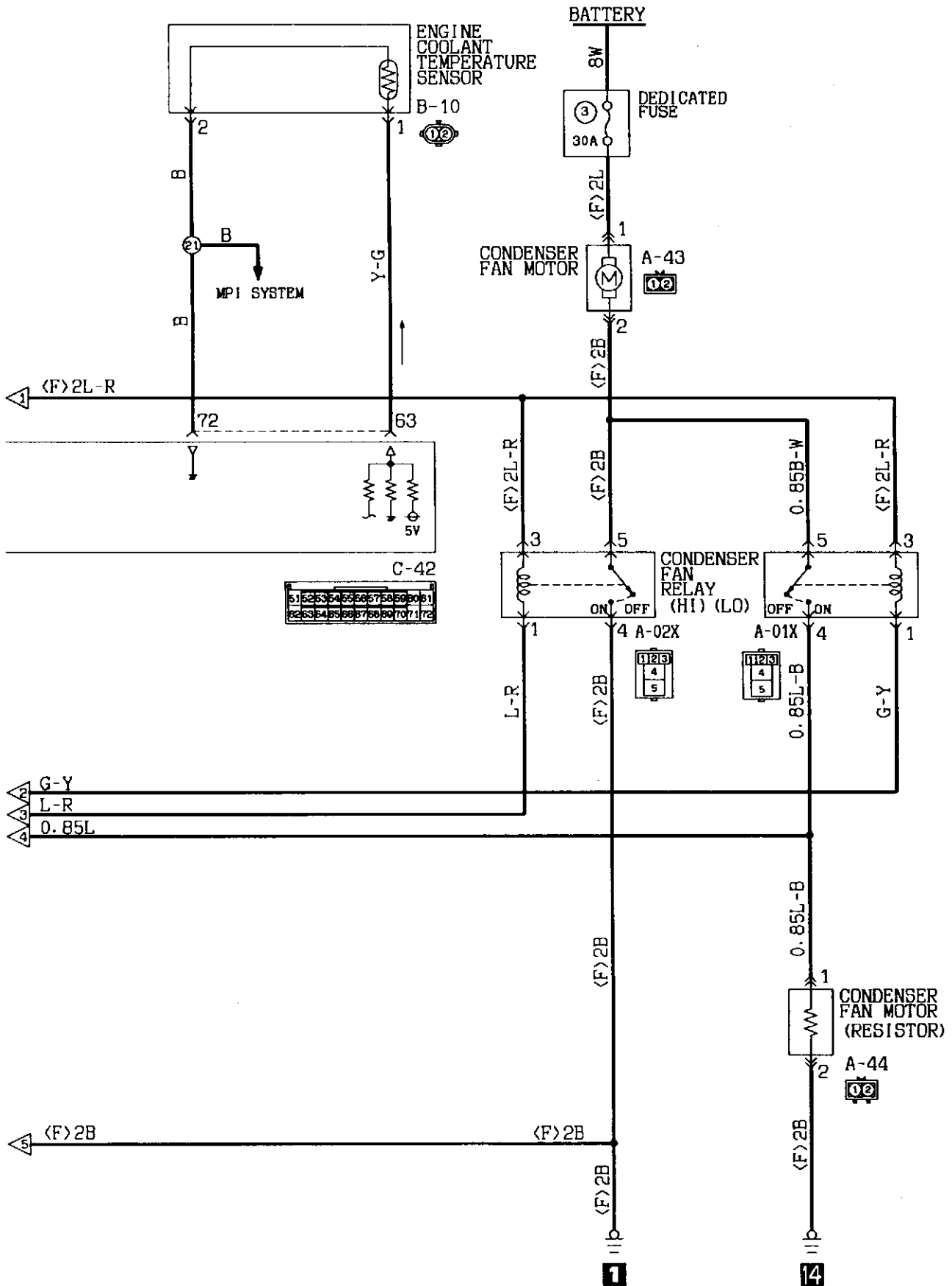
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

COOLING SYSTEM  
4G93, 4G63-2WD



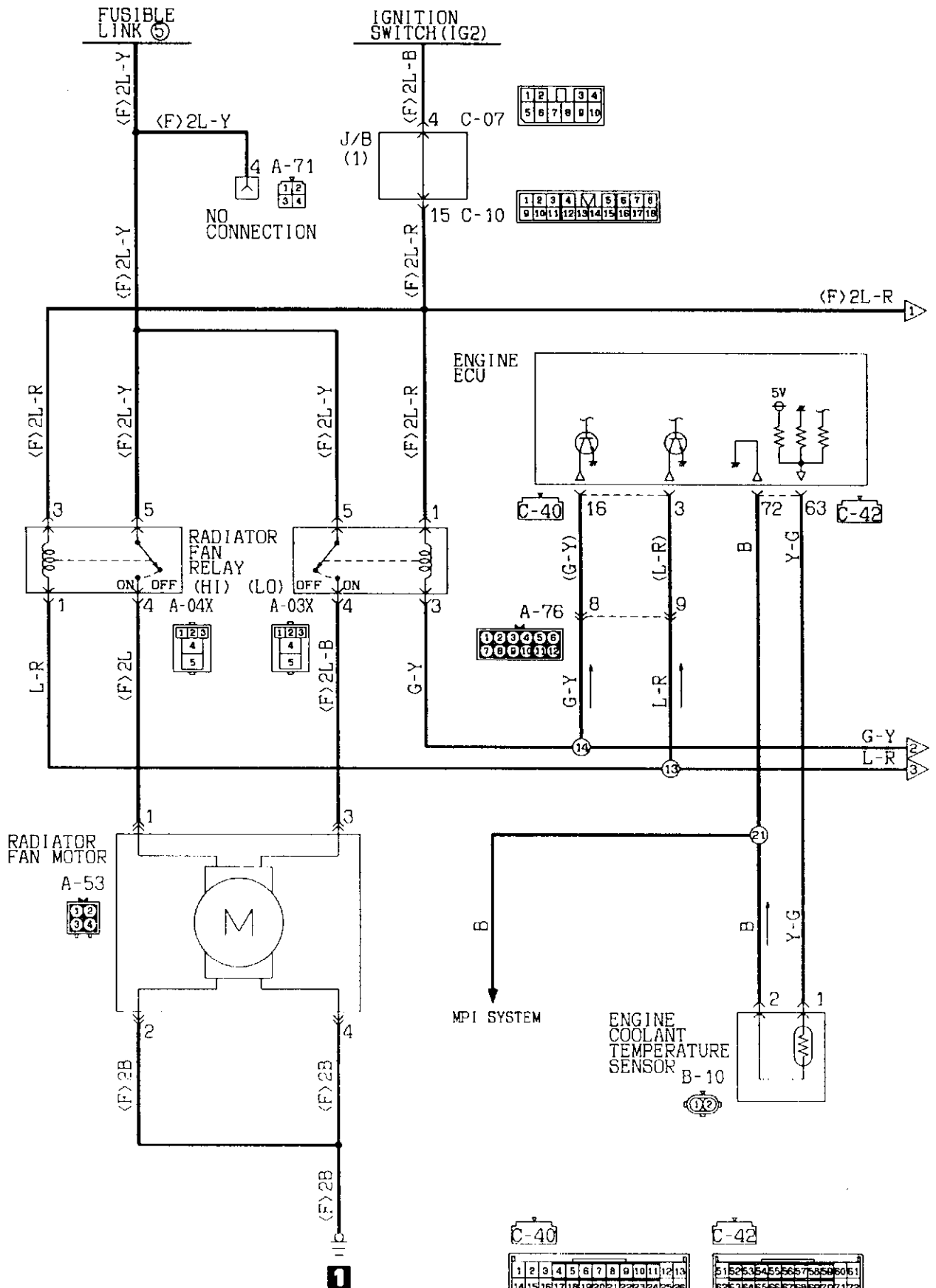
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F0801-EC



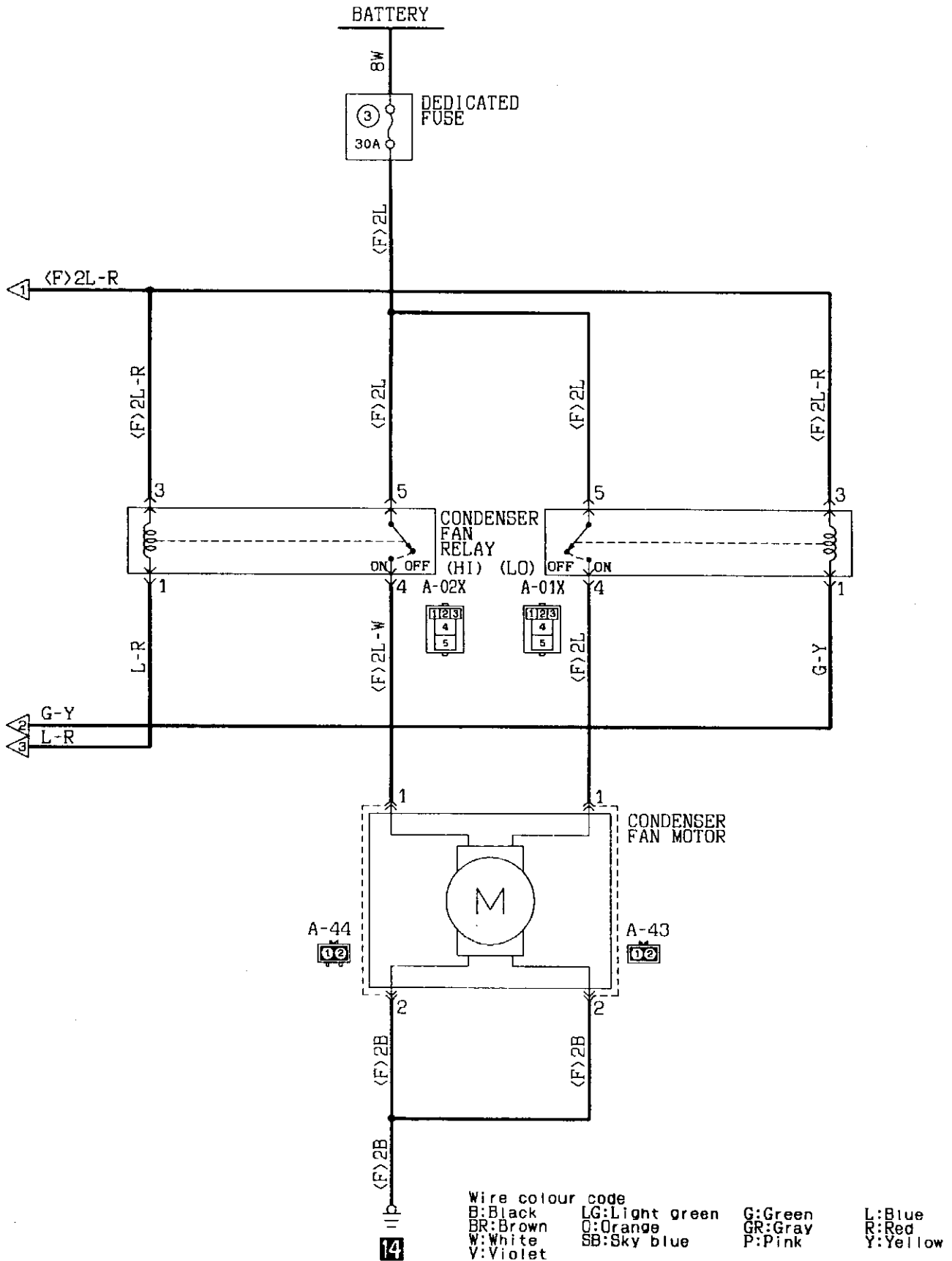
COOLING SYSTEM

4G63-4WD

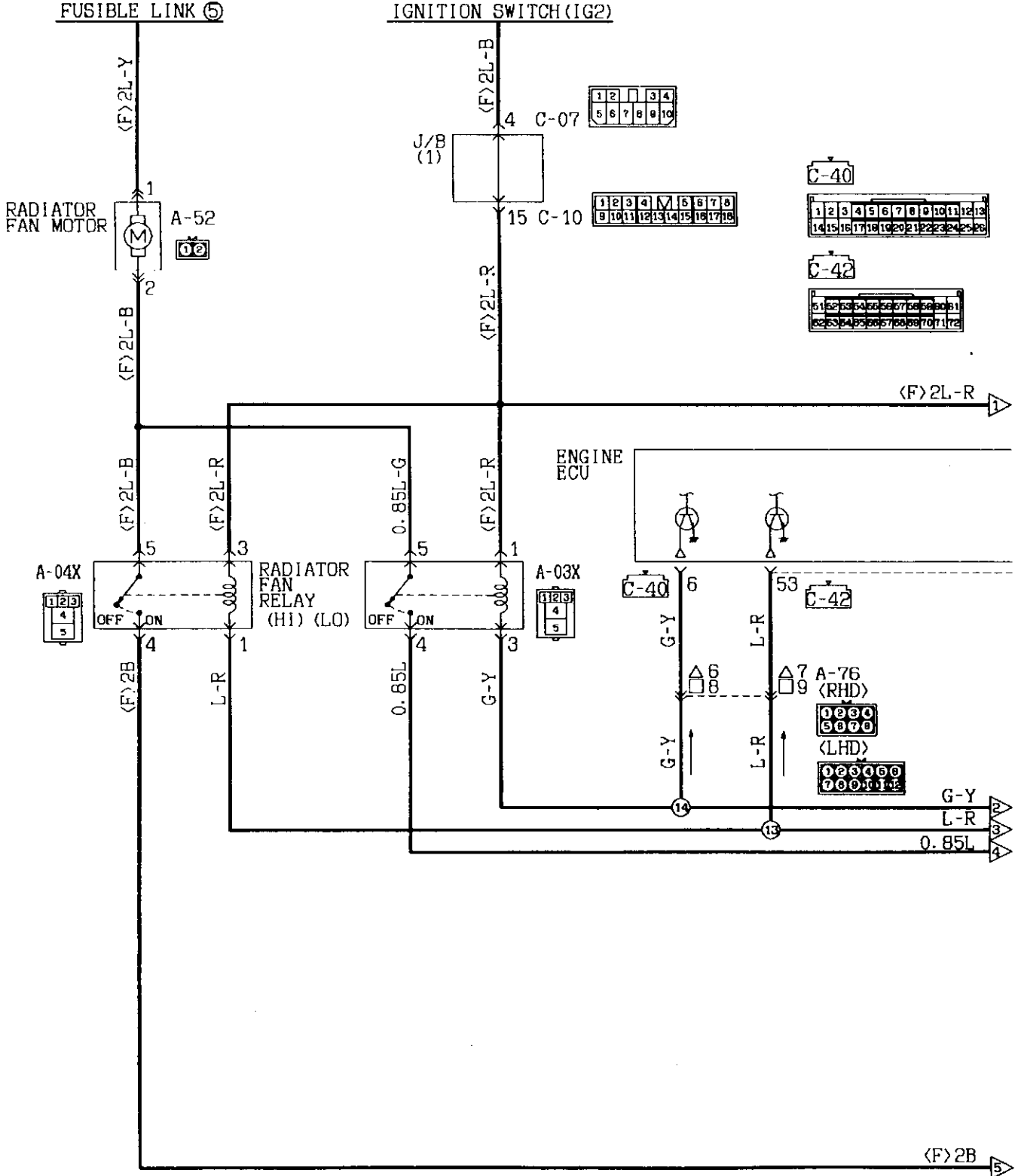


KX35-AC-F0602-EC



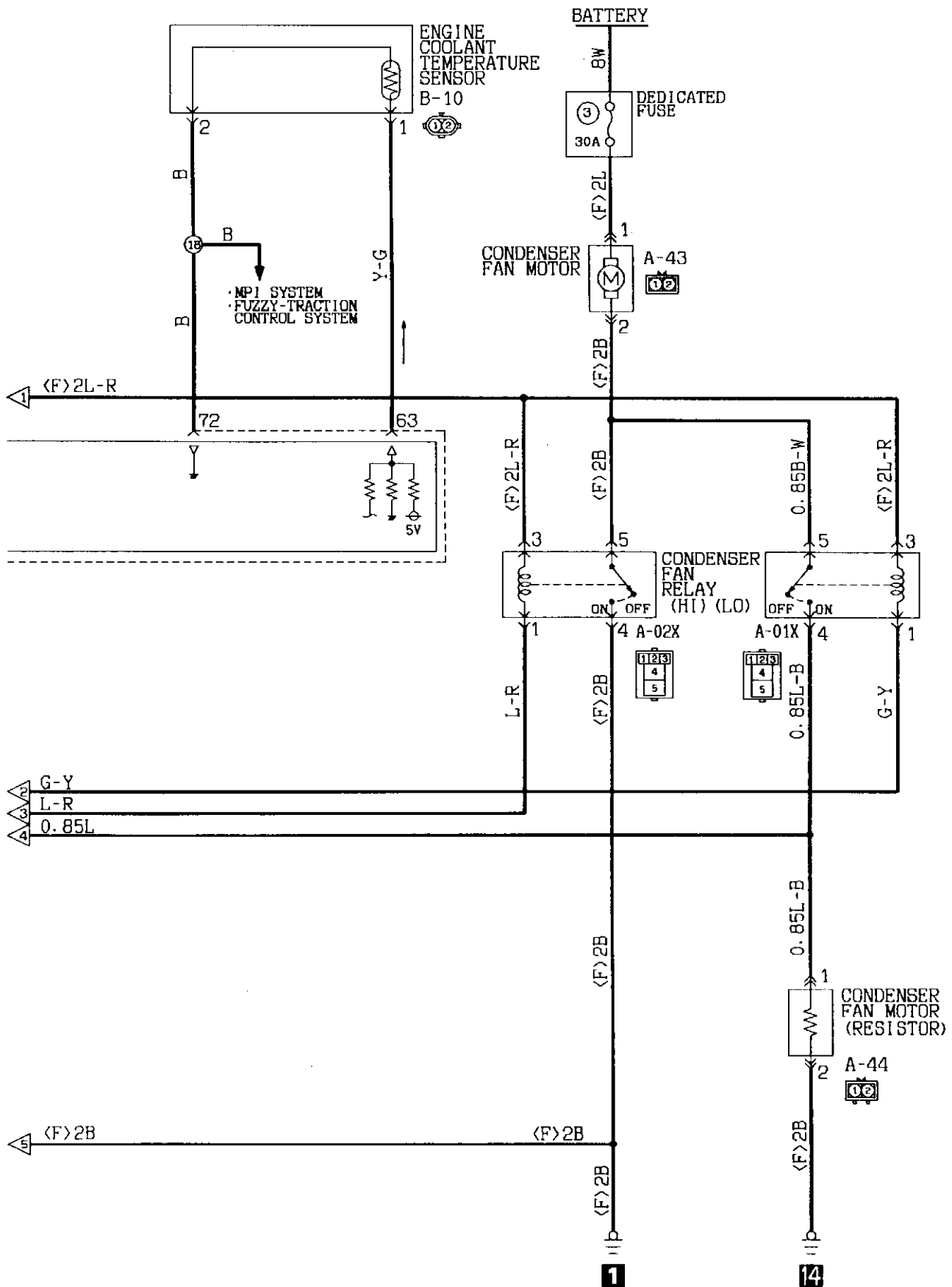


COOLING SYSTEM  
6A12-M/T

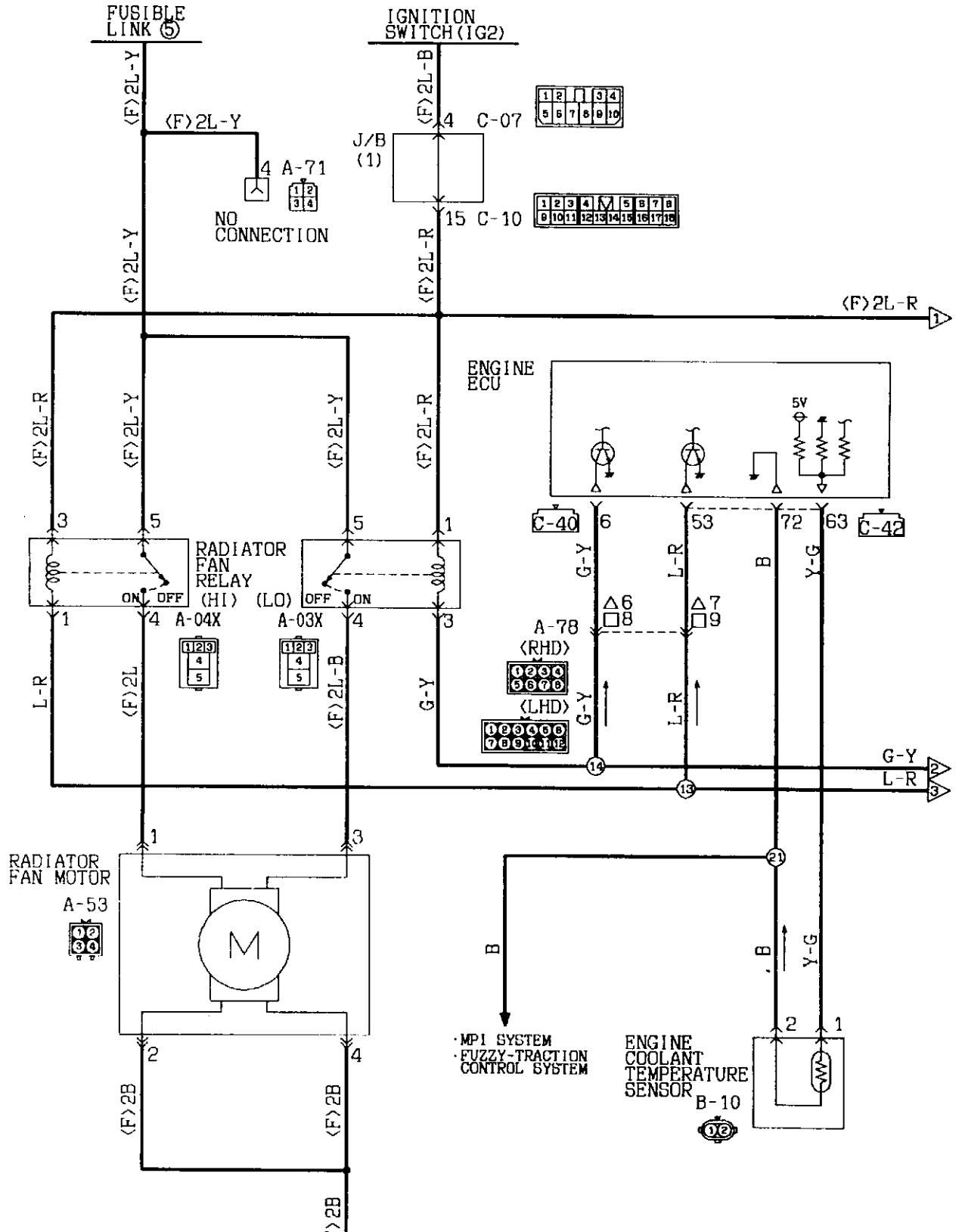


Remarks  
(1) □ : L.H. drive vehicles.  
(2) △ : R.H. drive vehicles.

Wire colour code  
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



COOLING SYSTEM  
6A12-A/T, 6G73



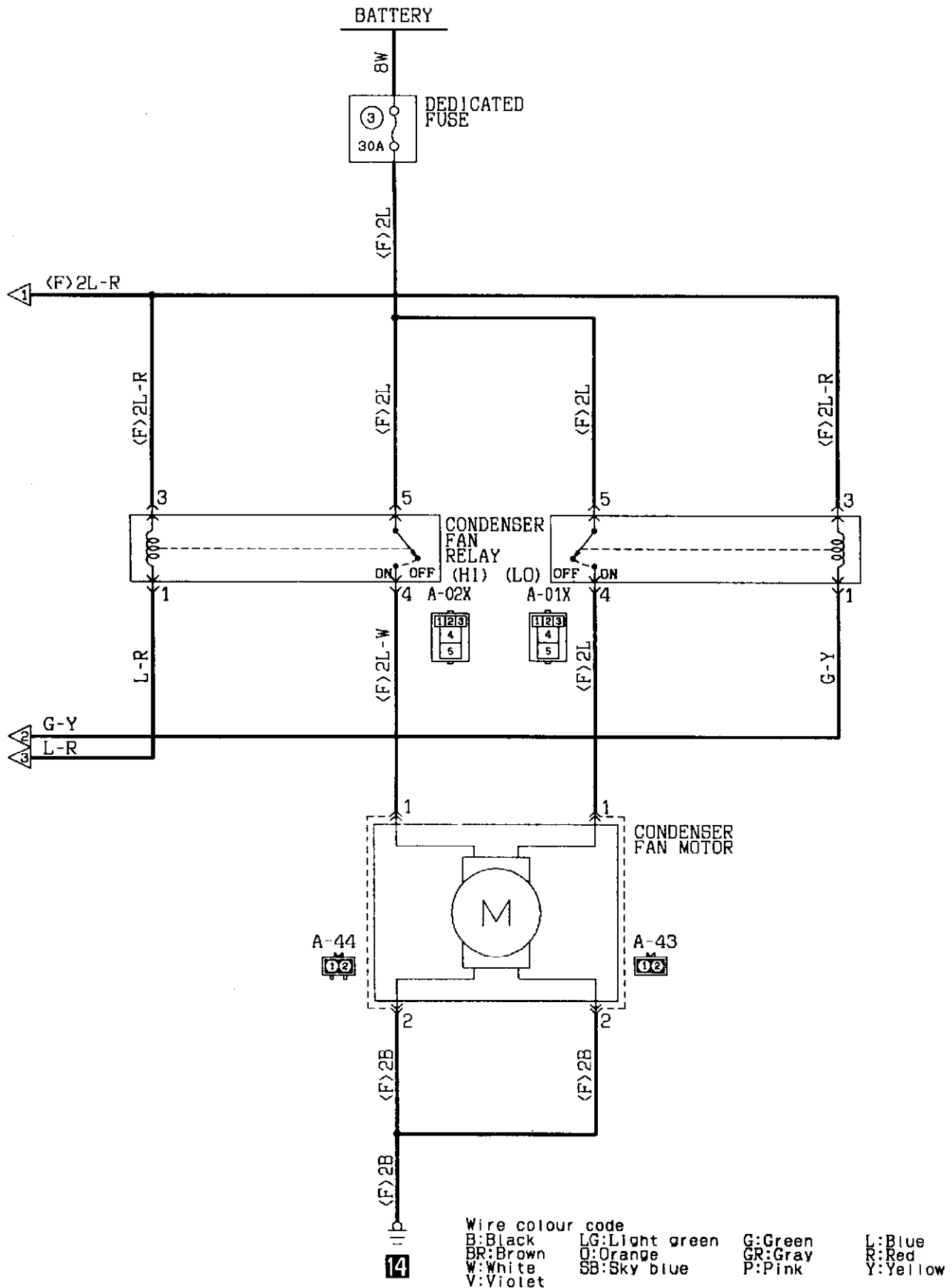
Remarks  
(1) □ : L.H. drive vehicles.  
(2) △ : R.H. drive vehicles.

C-40

|    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

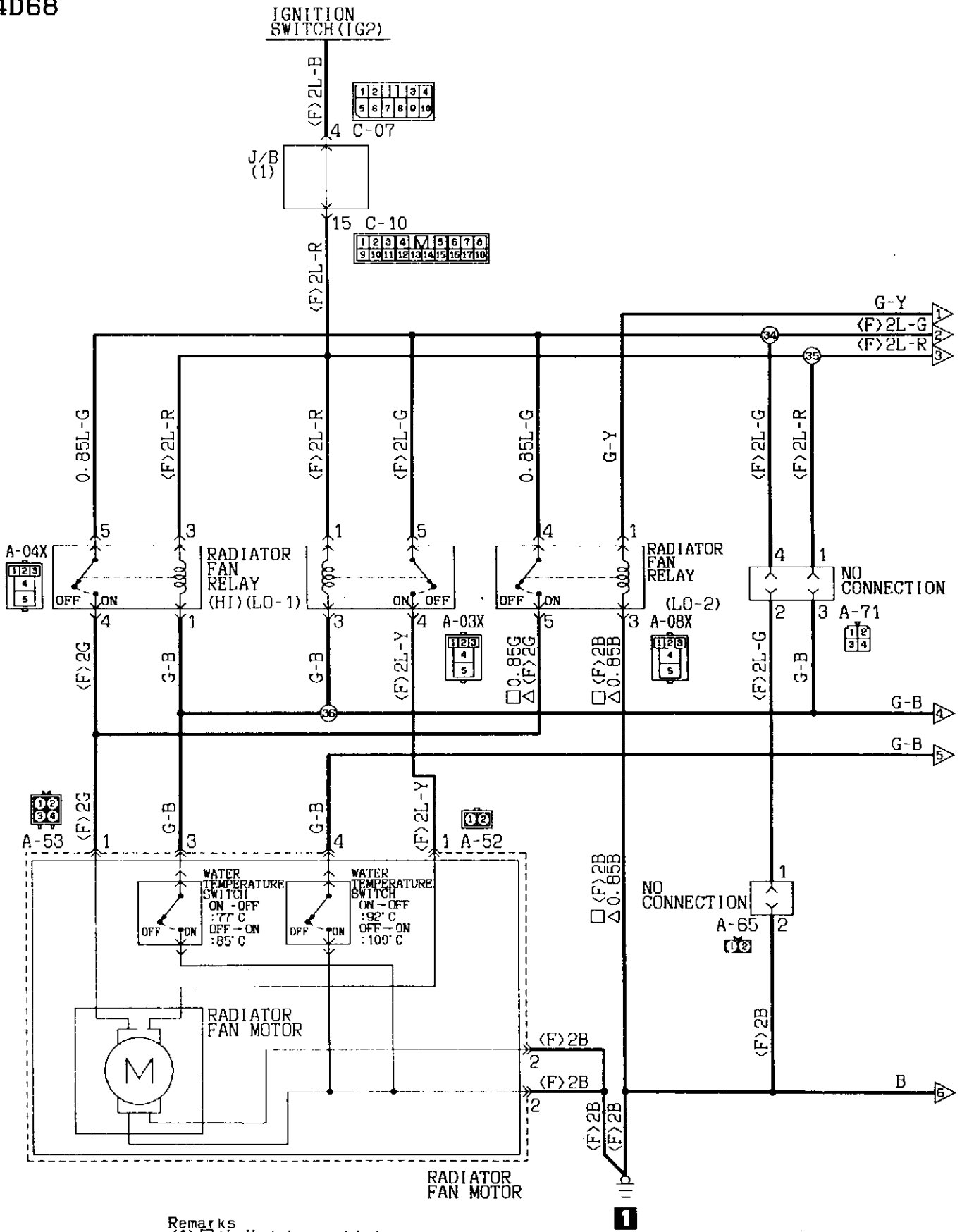
C-42

|    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 |
| 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 |



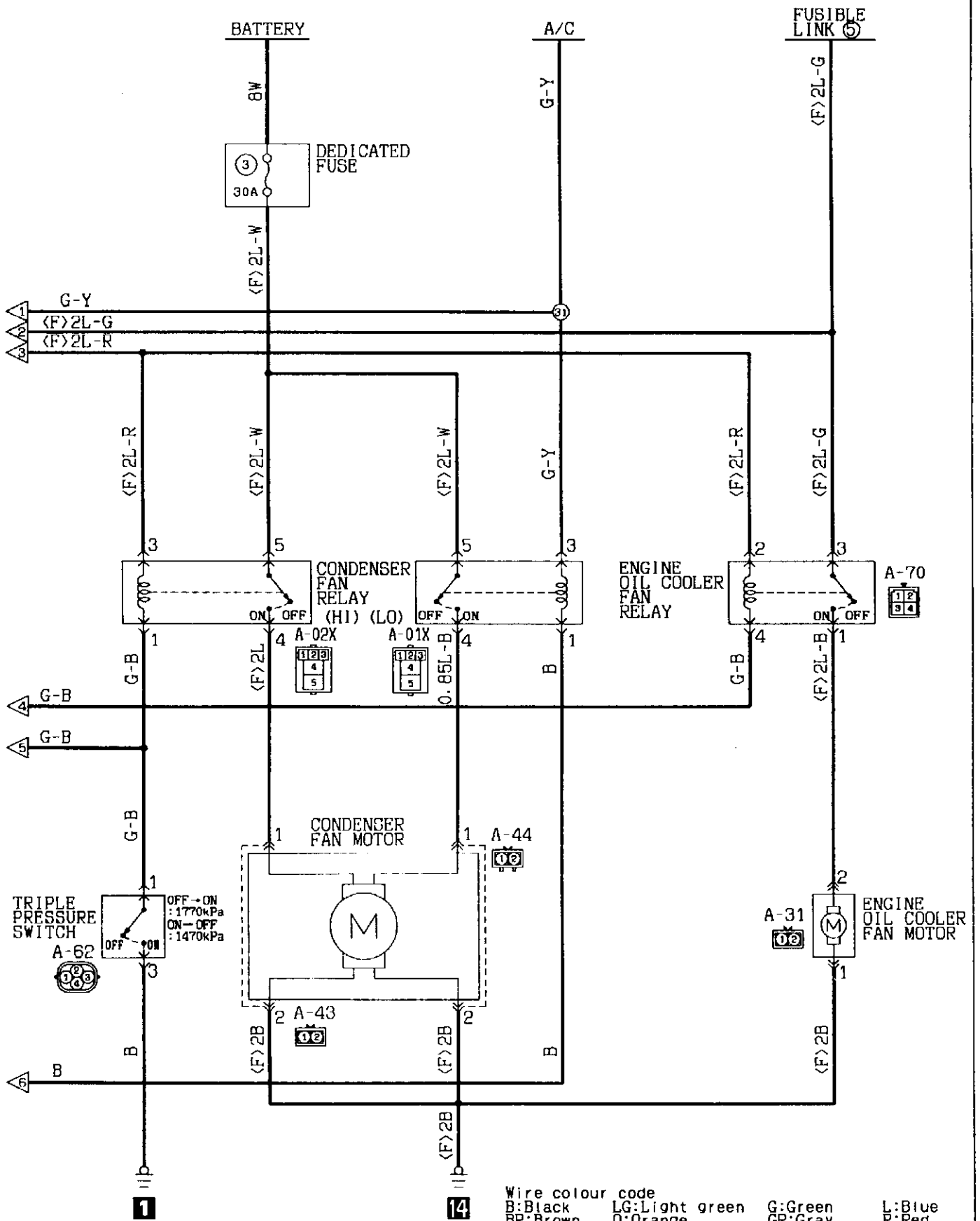
COOLING SYSTEM

4D68



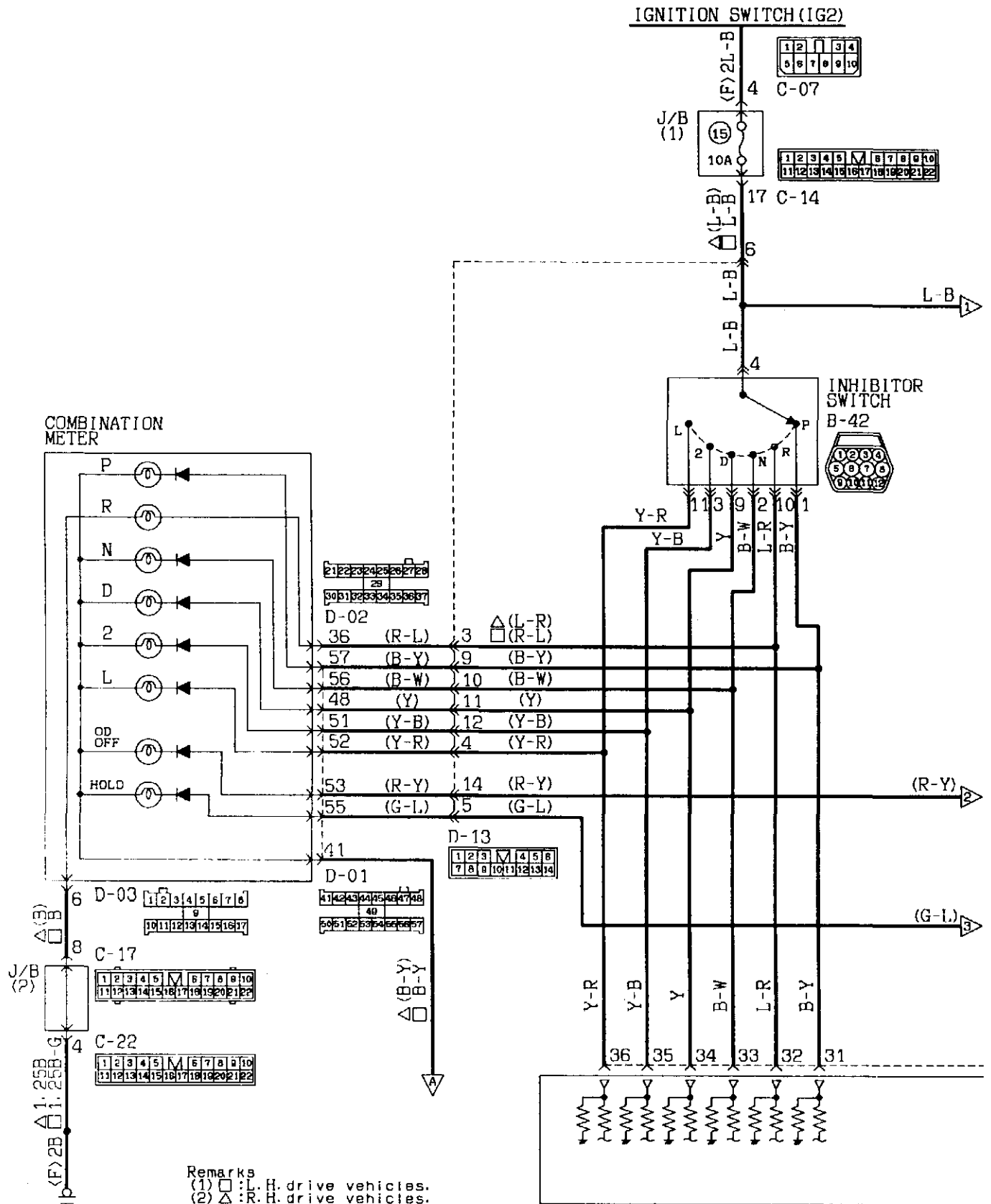
Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.

KX35-AC-F0605-EC



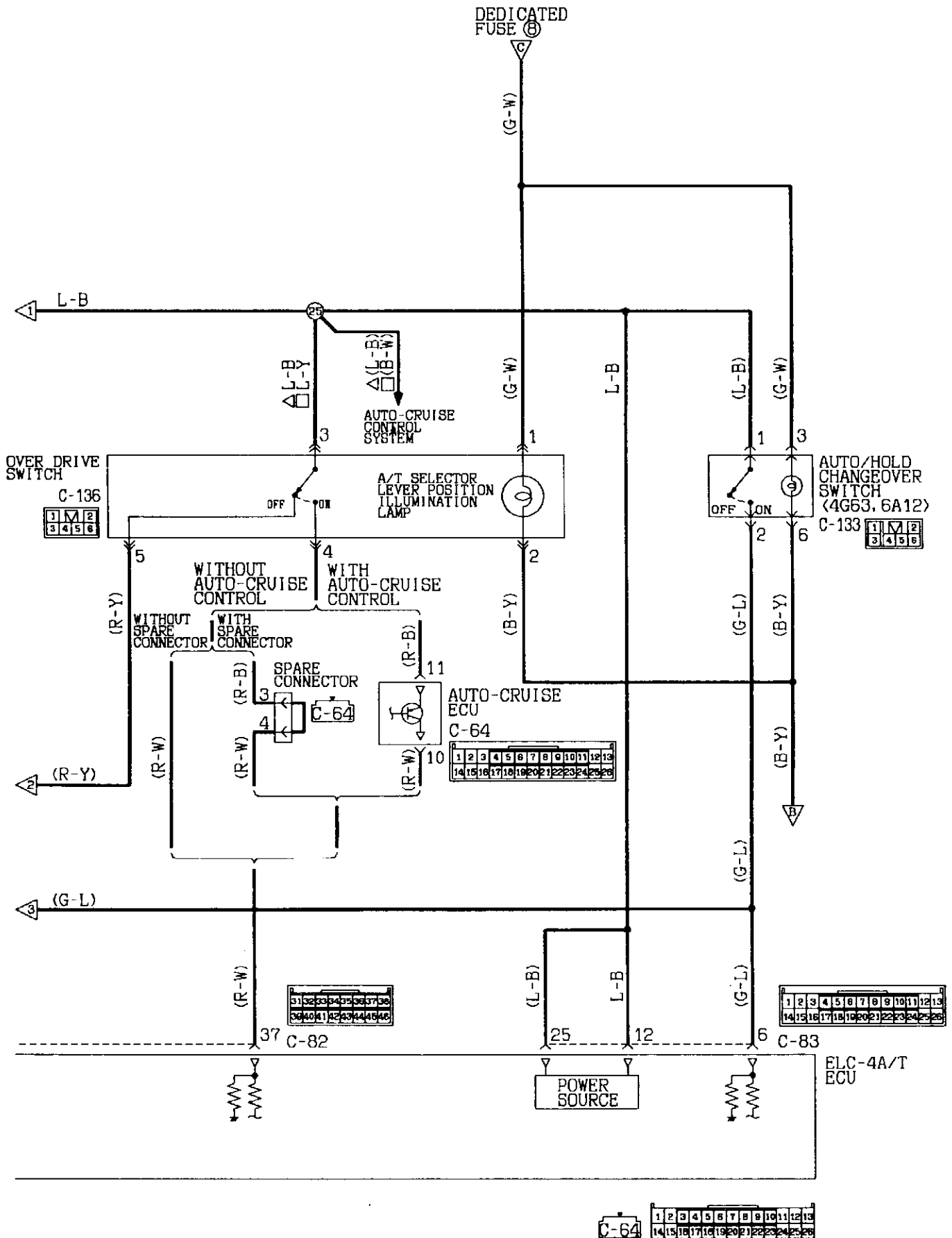
Wire colour code  
 B:Black LG:Light green G:Green L:Blue  
 BR:Brown O:Orange GR:Gray R:Red  
 W:White SB:Sky blue P:Pink Y:Yellow  
 V:Violet

ELC 4-SPEED AUTOMATIC TRANSMISSION

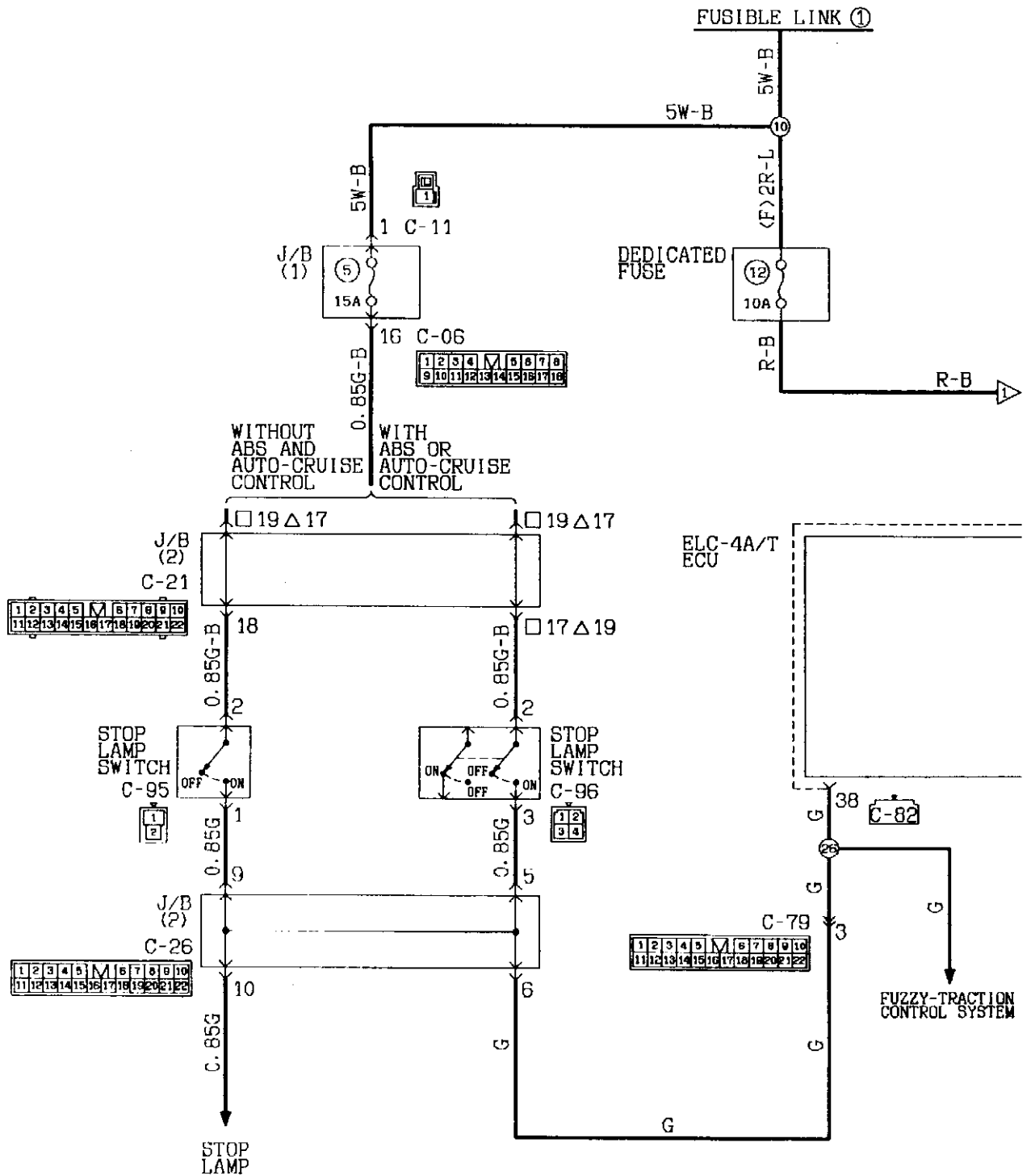


KX35-AC-F0701-EC



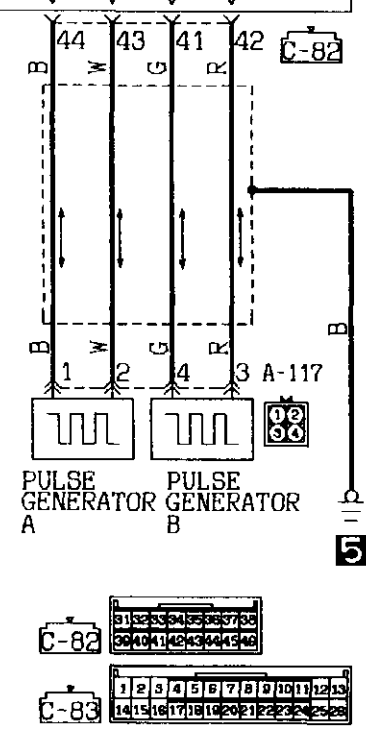
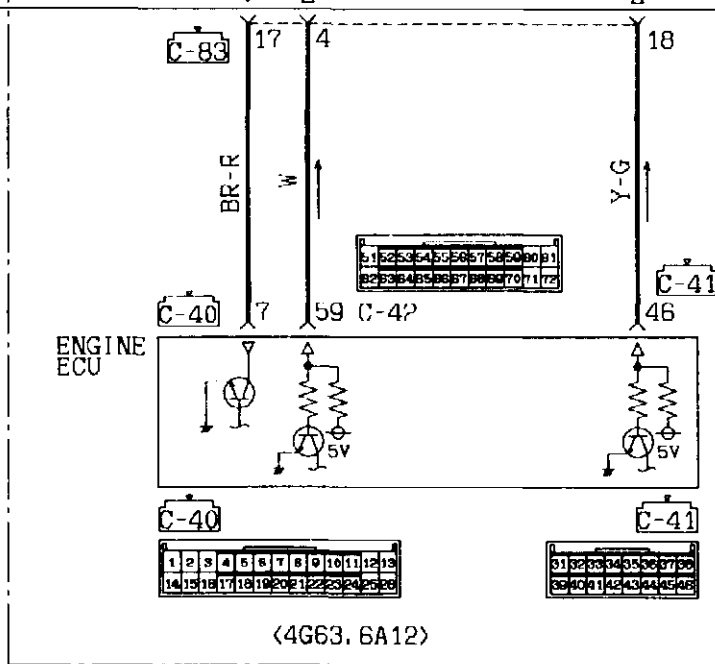
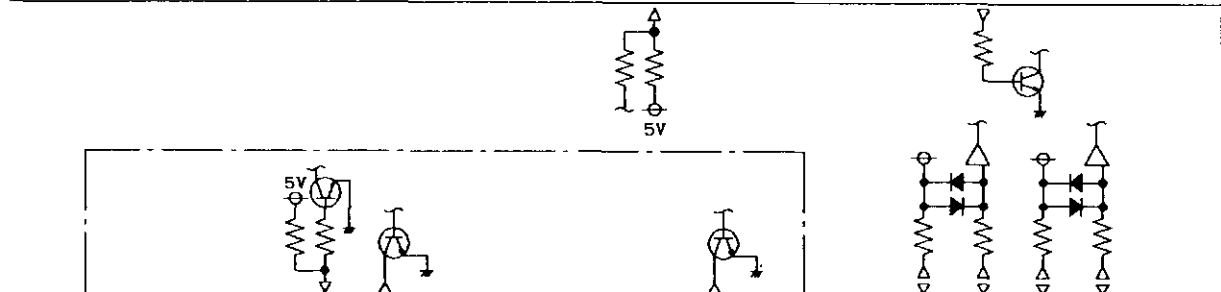
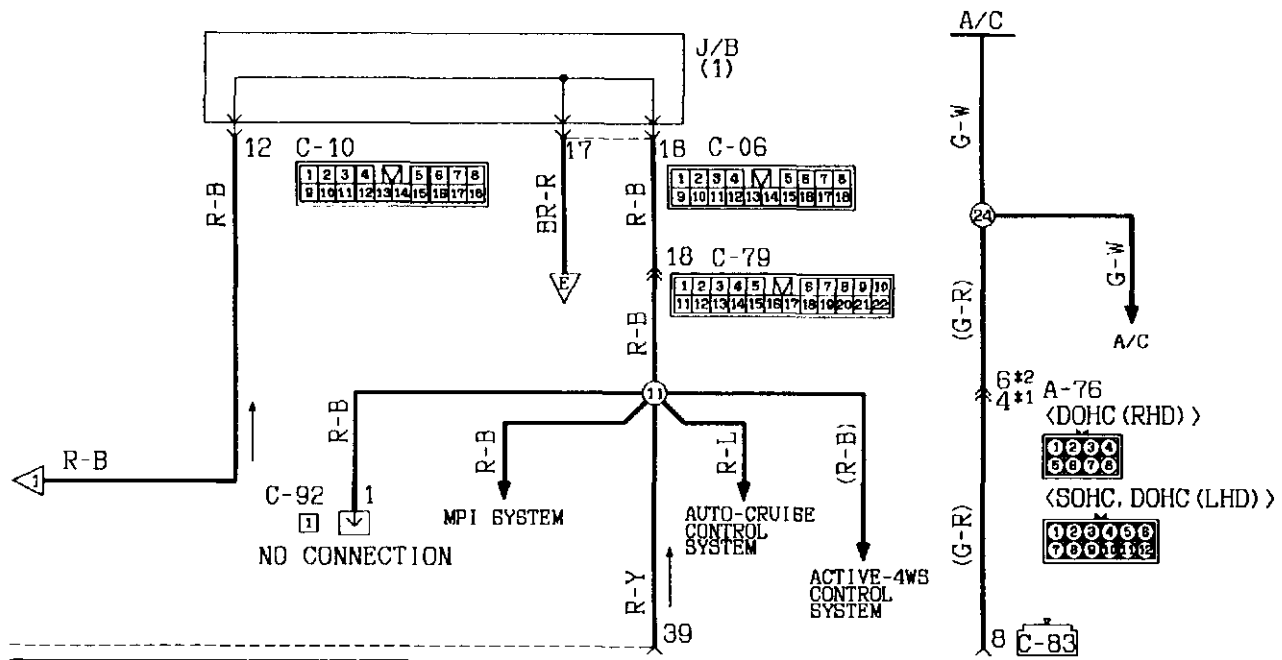


ELC 4-SPEED AUTOMATIC TRANSMISSION (CONTINUED)

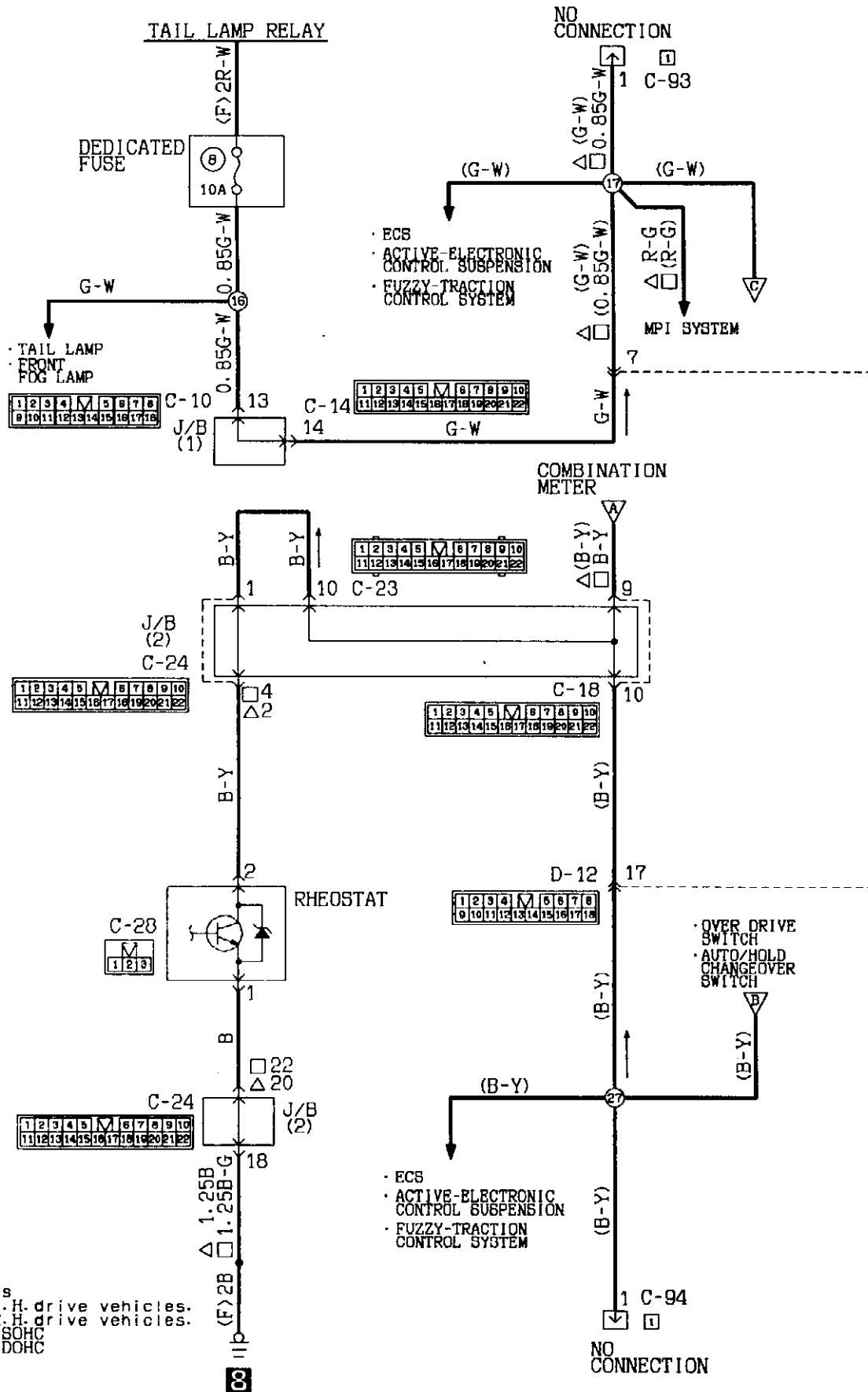


Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) Δ : R.H. drive vehicles.  
 (3) \*1 : DOHC (R.H. drive vehicles.)  
 (4) \*2 : SOHC, DOHC (L.H. drive vehicles.)

Wire colour code  
 B:Black      LG:Light green      G:Green      L:Blue  
 BR:Brown    O:Orange            GR:Gray      R:Red  
 W:White      SB:Sky blue        P:Pink        Y:Yellow  
 V:Violet

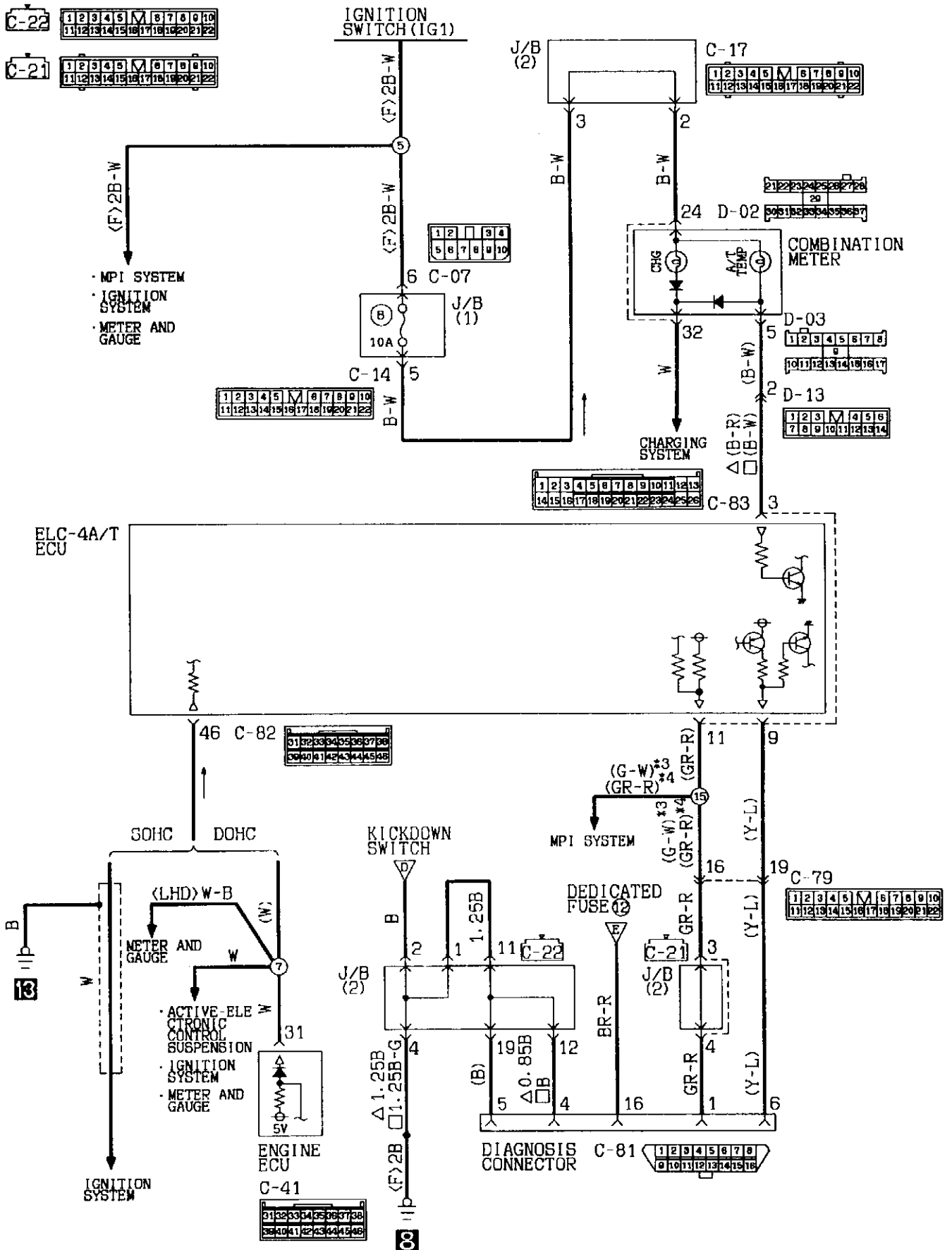


ELC 4-SPEED AUTOMATIC TRANSMISSION (CONTINUED)

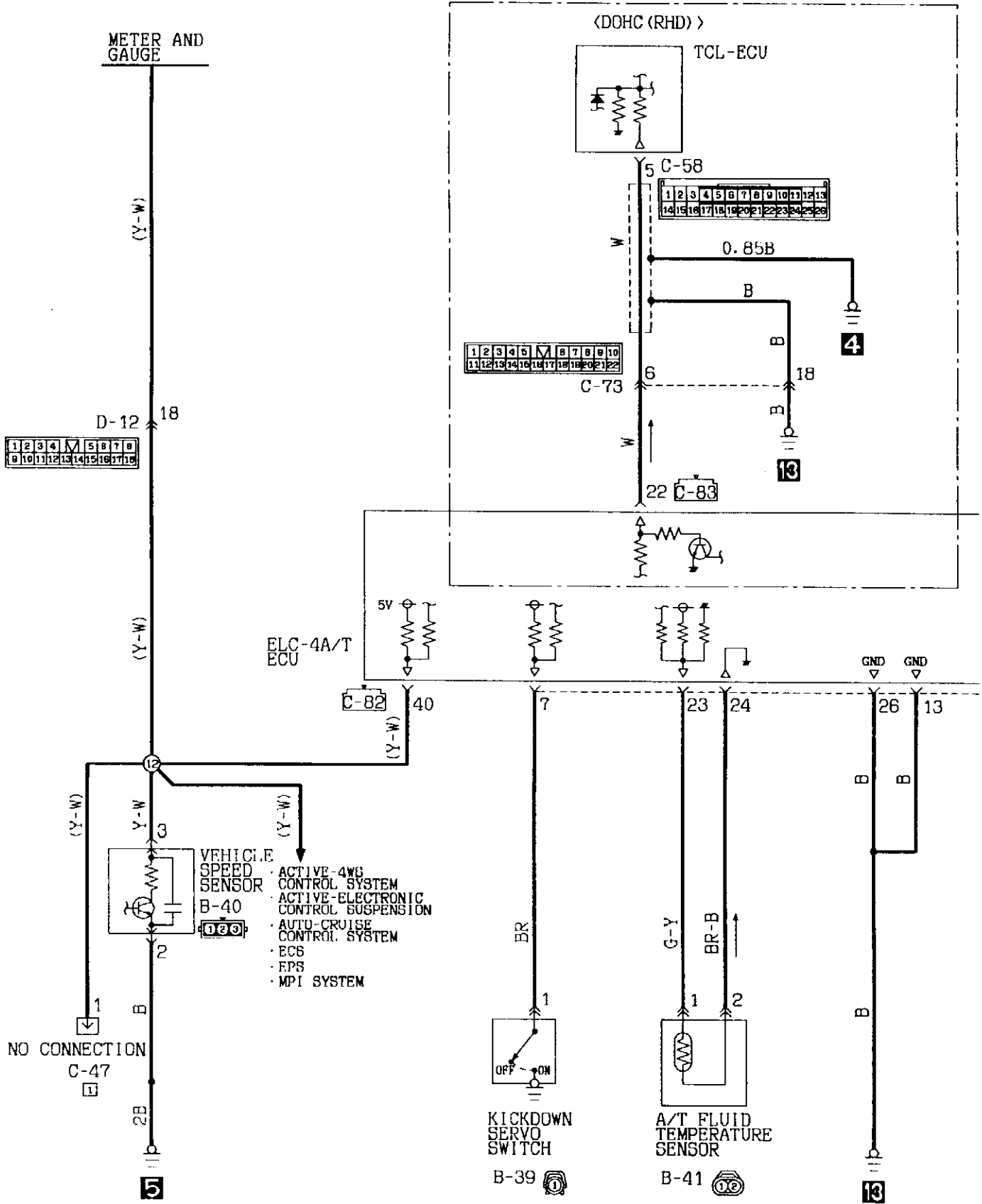


Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.  
 (3) \*3: SOHC  
 (4) \*4: DOHC

KX35-AC-F0701B-EC

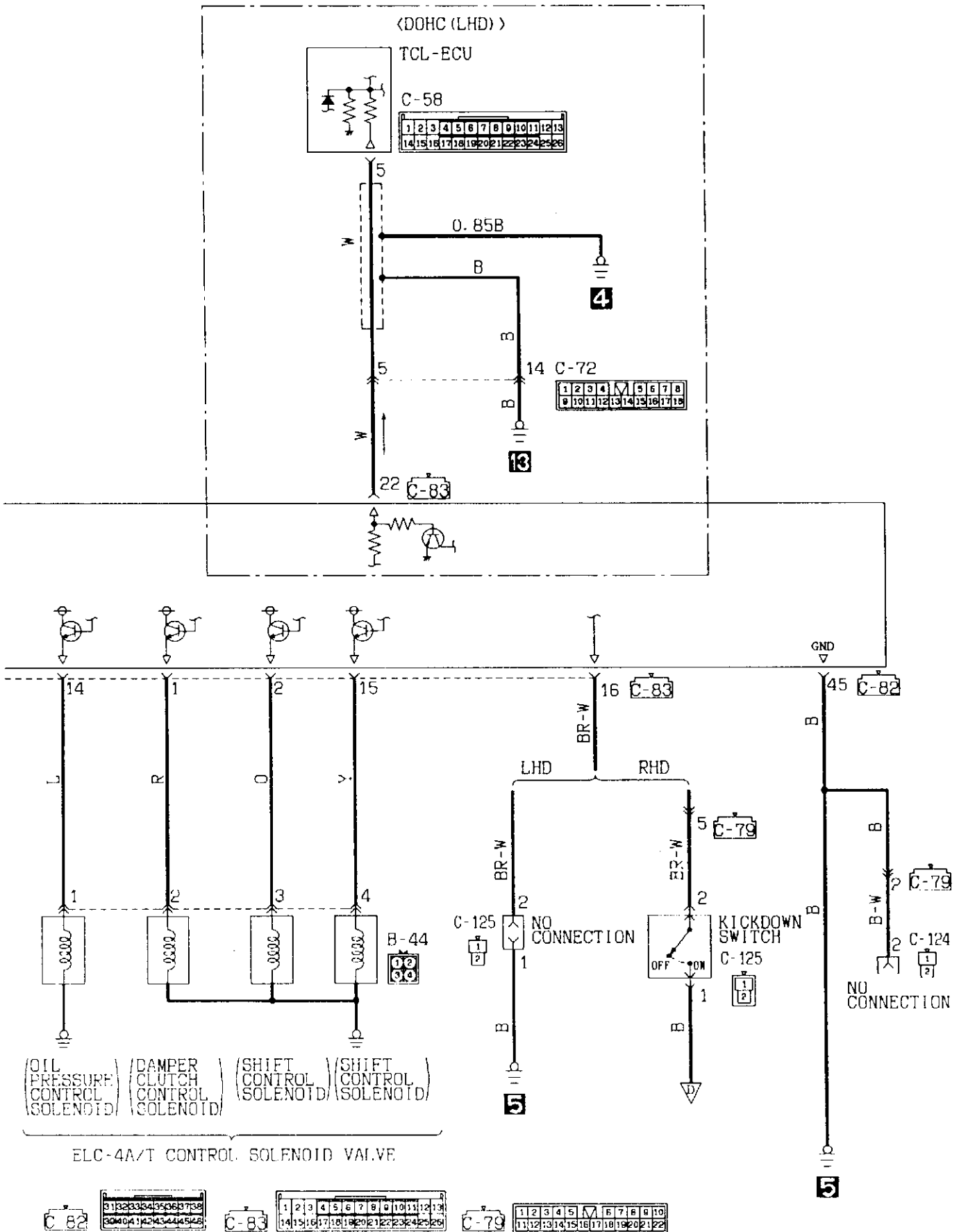


ELC 4-SPEED AUTOMATIC TRANSMISSION (CONTINUED)

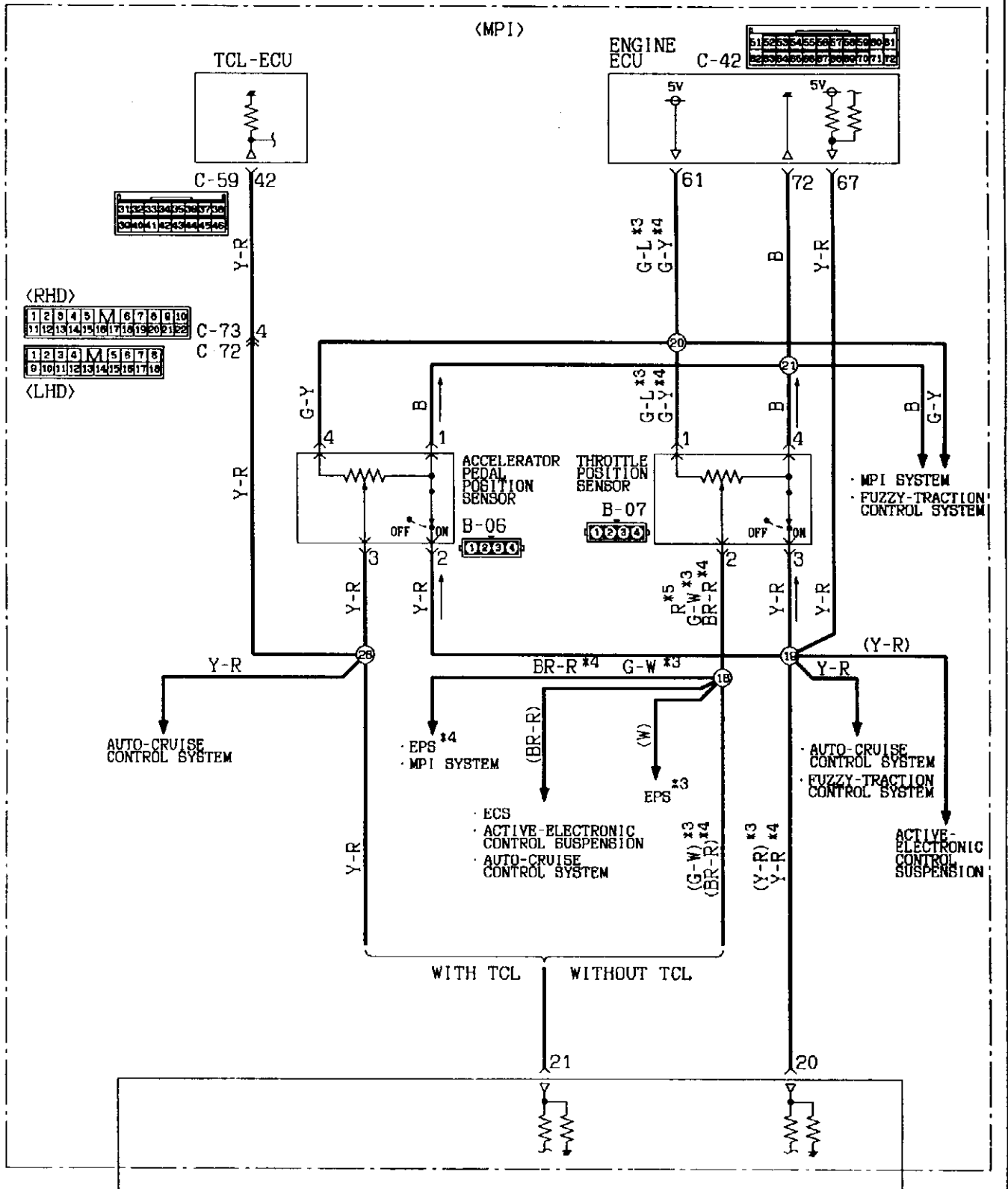


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F0701C-EC



ELC 4-SPEED AUTOMATIC TRANSMISSION (CONTINUED)



Remarks  
 (1) \*3: SOHC  
 (2) \*4: DOHC  
 (3) \*5: DOHC (L.H. drive vehicles)

Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F0701D-2C



## HEADLAMP <Vehicles without daytime running lamp and dim-dip lamp> (See P. 4-74, 80.)

### OPERATION

Headlamp Relay ON Conditions

| Lighting switch | Dimmer/passing switch | Headlamp relay |
|-----------------|-----------------------|----------------|
| "HEAD"          | —                     | ON             |
| —               | ON                    | ON             |

#### <Low-beam operation>

- Placing the lighting switch in the HEAD position causes the headlamp relay to be energized.
- If the dimmer/passing switch is placed in the LO position at this time, then the headlamps light up in low beam.

#### <Upper-beam operation>

- Placing the lighting switch in the HEAD position causes the headlamp relay to be energized.
- If the dimmer/passing switch is placed in the HI position at this time, the headlamps light up in upper beam.

#### <Upper-beam indicator lamp>

- This lamp lights up when the upper/passing beams are on, indicating that the headlamps are on in upper beam.

#### <Passing operation>

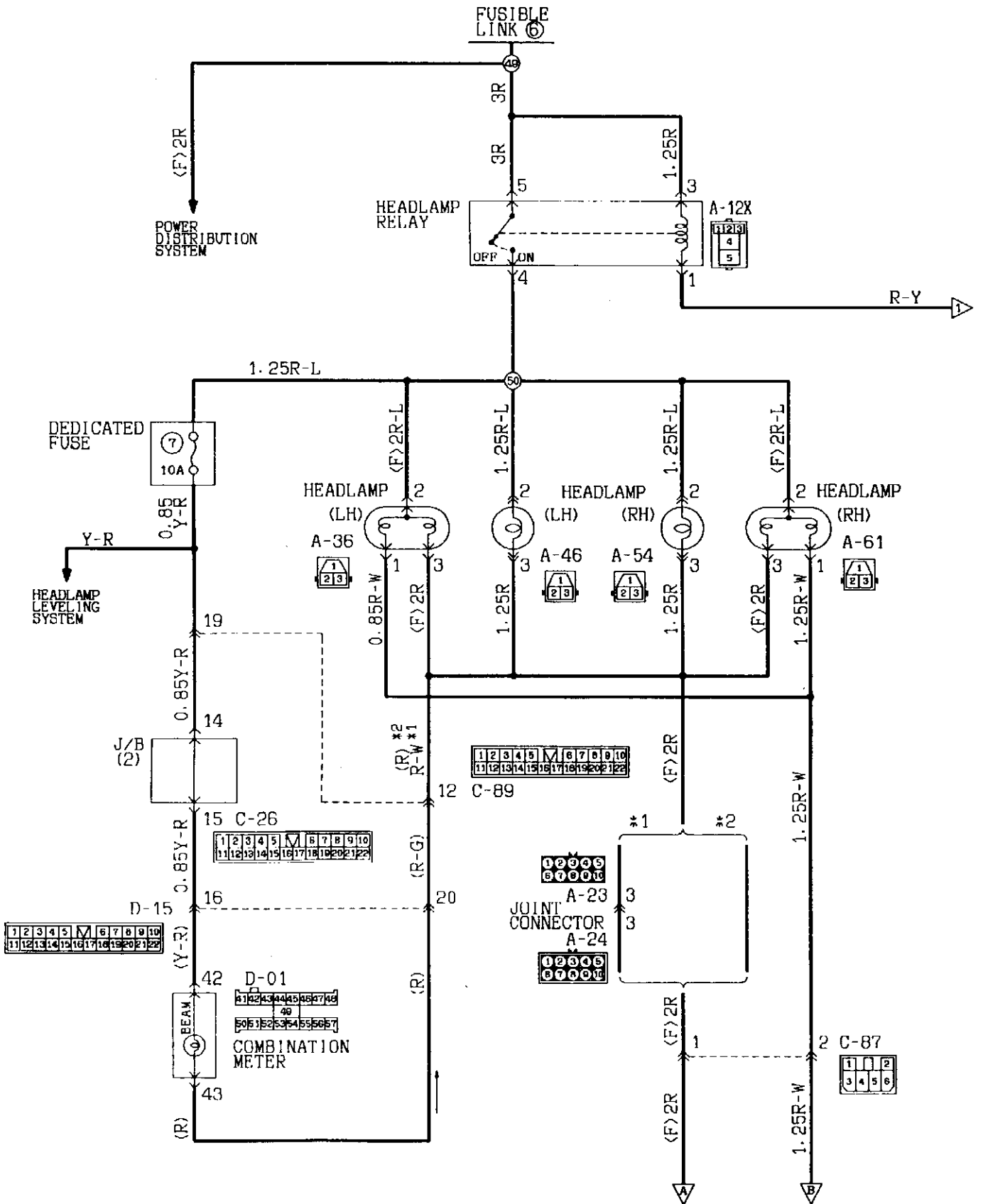
- When the dimmer/passing switch is set to the "ON" position, the headlamp relay is switched ON and the upper beam of the headlamps illuminates.

### TROUBLESHOOTING HINTS

1. Headlamps don't come on.
  - 1) But the tail lamps do illuminate.
    - Check the headlamp relay.
    - Check the lighting switch.
  - 2) The tail lamps also don't illuminate.
    - Check the fusible link No. ⑥.
2. The low beam at both sides doesn't illuminate.
  - Check the dimmer switch LO contacts.
3. The upper beam at both sides doesn't illuminate.
  - 1) The passing signal functions OK.
    - Check the dimmer switch HI contacts.
  - 2) The passing signal doesn't function.
    - Check the dimmer switch.
4. One headlamp doesn't illuminate.
  - Check the bulb.
5. Can't switch from low to upper beam or vice-versa.
  - Check the dimmer switch.
6. Upper-beam indicator lamp does not come on.
  - 1) Headlamp upper beams are operational.
    - Check dedicated fuse No. ⑦.
    - Check the indicator lamp bulb.

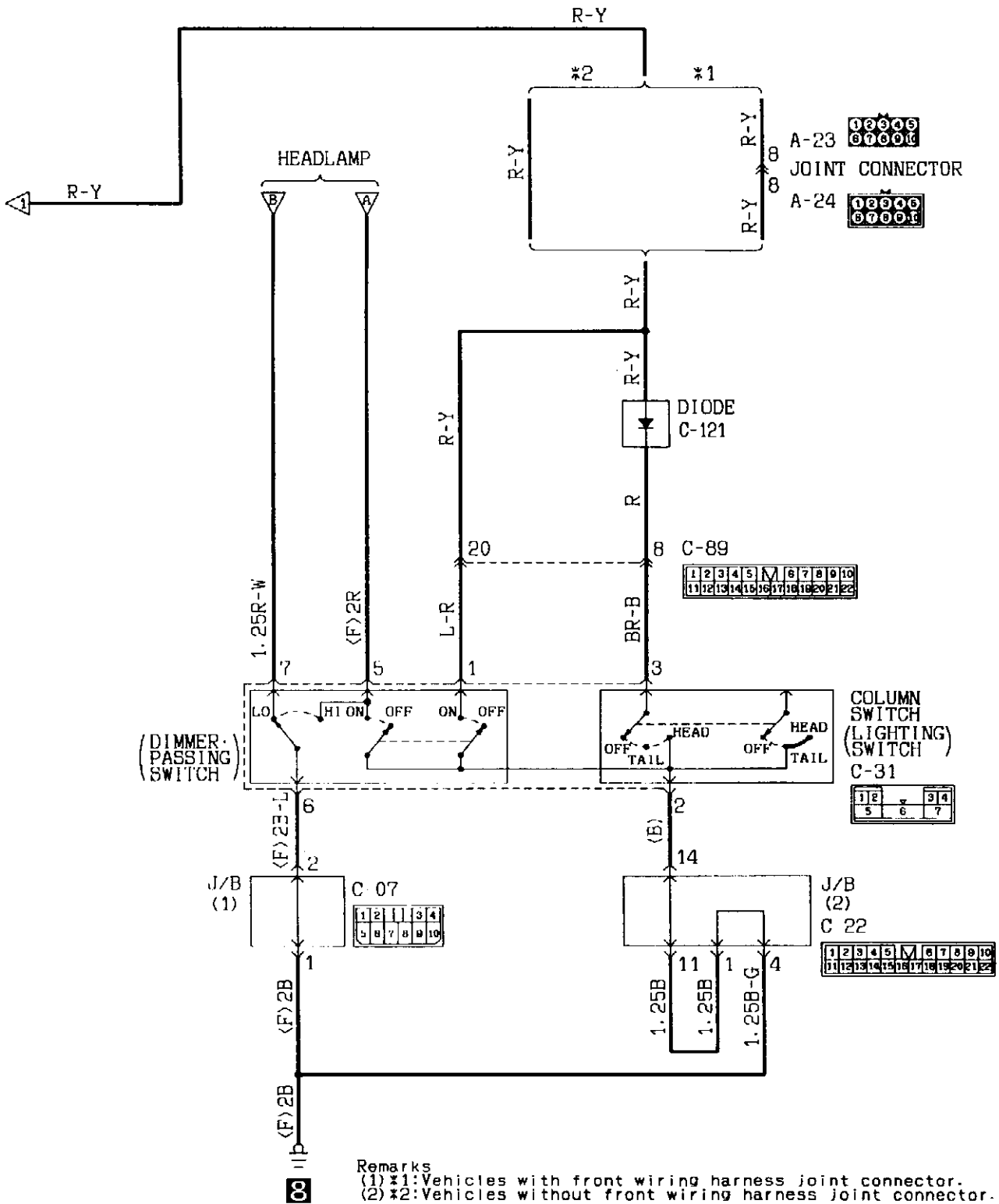
# HEADLAMP

L.H. drive vehicles without daytime running lamp



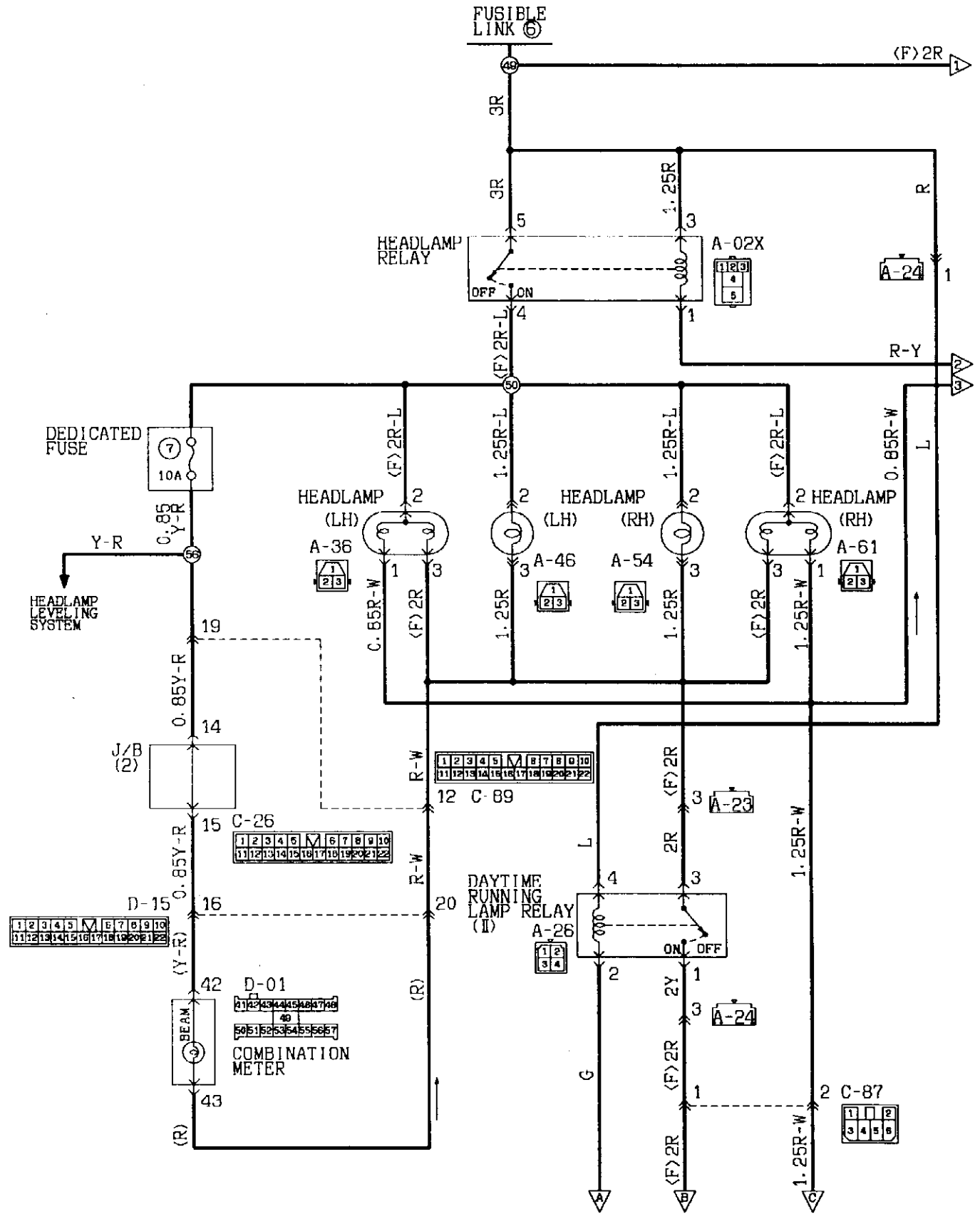
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KK35-AC-F0805-EC



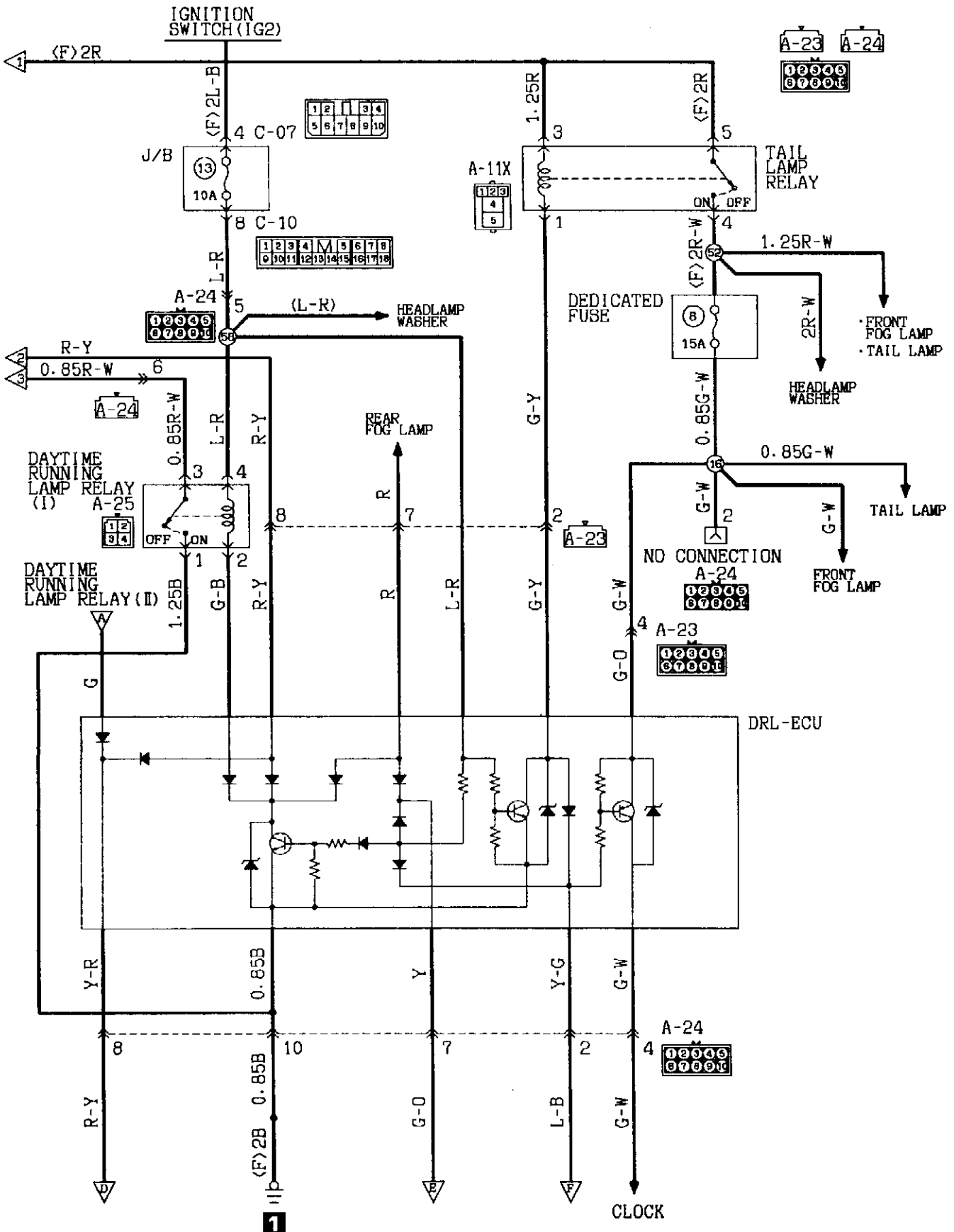
# HEADLAMP

L.H. drive vehicles with daytime running lamp



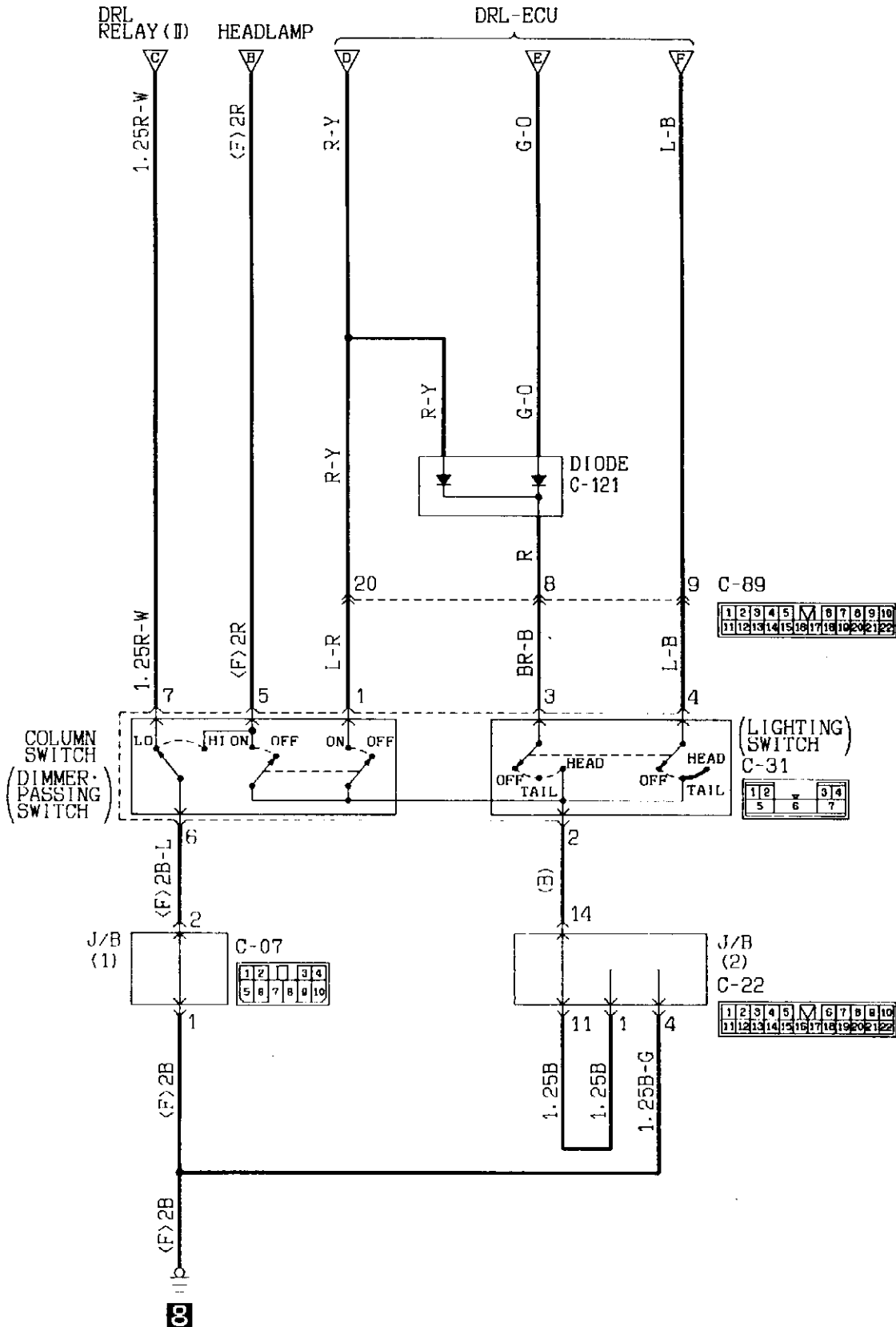
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F080G-EC



HEADLAMP

(L.H. drive vehicles with daytime running lamp)(CONTINUED)



Wire colour code

B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

**HEADLAMP <Vehicles with daytime running lamp> (See P. 4-76.)****OPERATION**

Headlamp Relay ON Conditions

| Ignition switch | Lighting switch | Dimmer/passing switch | Headlamp relay |
|-----------------|-----------------|-----------------------|----------------|
| "ON"            | "OFF"           | —                     | ON             |
| —               | "HEAD"          | —                     | ON             |
| —               | —               | "PASS"                | ON             |

**<Daytime running lamp operation>**

- Turning the ignition switch to the ON position causes the headlamp relay, daytime running lamp relay (I), and tail lamp relay to be energized, which causes the headlamps, tail lamps, etc. to come on.

**<Low-beam operation>**

- Placing the lighting switch in the HEAD position causes the headlamp relay and daytime running lamp relay (II) to be energized.
- If the dimmer/passing switch is placed in the LO position at this time, the headlamps light up in low beam.

**<Upper-beam operation>**

- Placing the lighting switch in the HEAD position causes the headlamp relay and daytime running lamp relay (II) to be energized.
- If the dimmer/passing switch is placed in the HI position at this time, the headlamps light up in upper beam.

**<Upper-beam indicator lamp>**

- This lamp lights up when the upper/passing beams are on, indicating that the headlamps are on in upper beam.

**<Passing operation>**

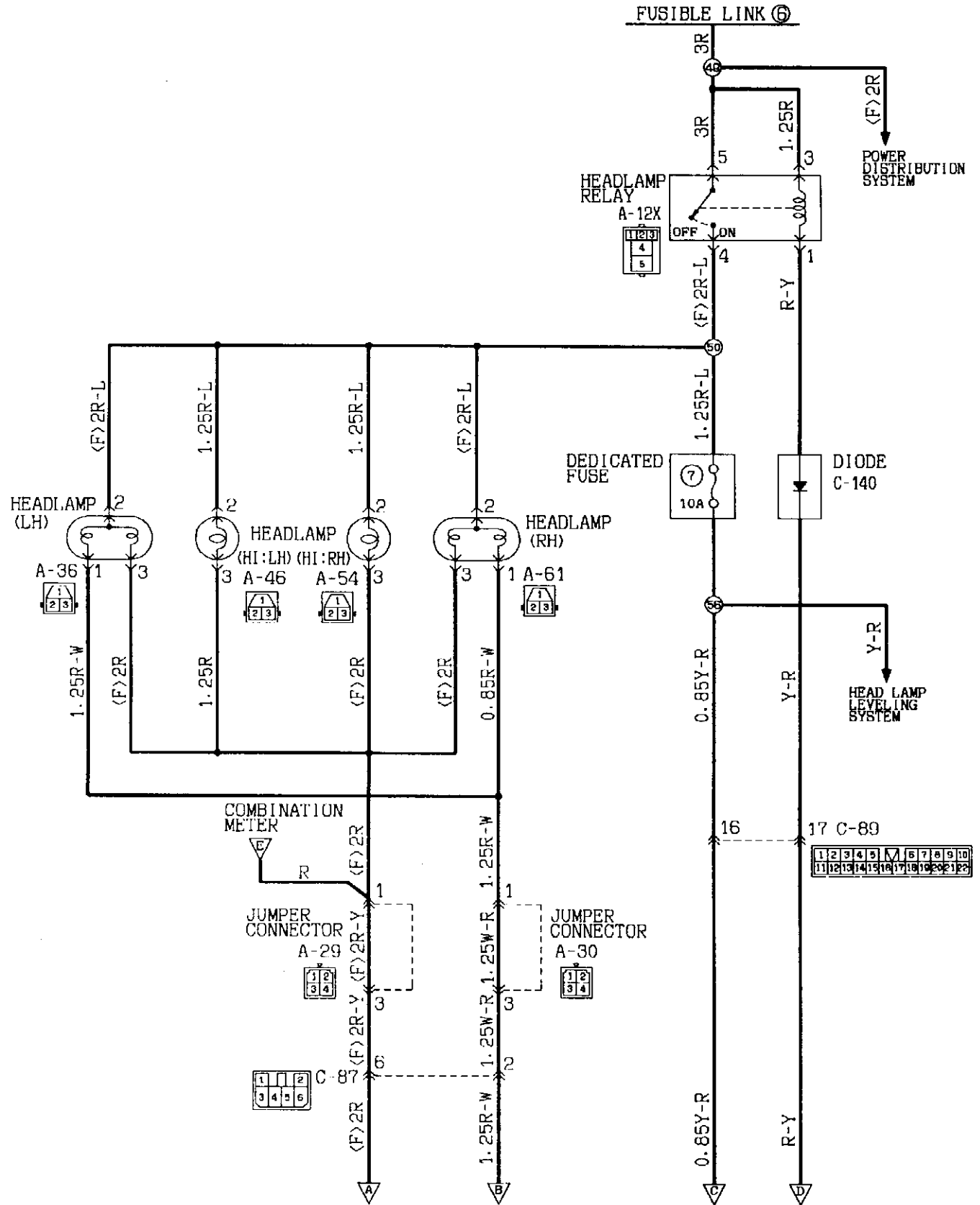
- When the dimmer/passing switch is set to the "ON" position, the headlamp relay is switched ON and the upper beam of the headlamps illuminates.

**TROUBLESHOOTING HINTS**

1. Headlamps don't come on.
  - 1) But the tail lamps do illuminate.
    - Check the headlamp relay.
    - Check the lighting switch.
  - 2) The tail lamps also don't illuminate.
    - Check the fusible link No. ⑥.
2. The low beam at both sides doesn't illuminate.
  - Check the dimmer switch LO contacts.
3. The upper beam at both sides doesn't illuminate.
  - 1) The passing signal functions OK.
    - Check the dimmer switch HI contacts.
  - 2) The passing signal doesn't function.
    - Check the dimmer switch.
    - Check the daytime running lamp relay (II).
    - Check the daytime running lamp control unit.
4. One headlamp doesn't illuminate.
  - Check the bulb.
5. Can't switch from low to upper beam or vice-versa.
  - Check the dimmer switch.
6. With the ignition switch at the "ON" position, the headlamps' low beam does not illuminate.
  - Check the daytime running lamp relay (I).
  - Check the daytime running lamp control unit.
7. Upper-beam indicator lamp does not come on.
  - 1) Headlamp upper beams are operational.
    - Check dedicated fuse No. ⑦.
    - Check the indicator lamp bulb.

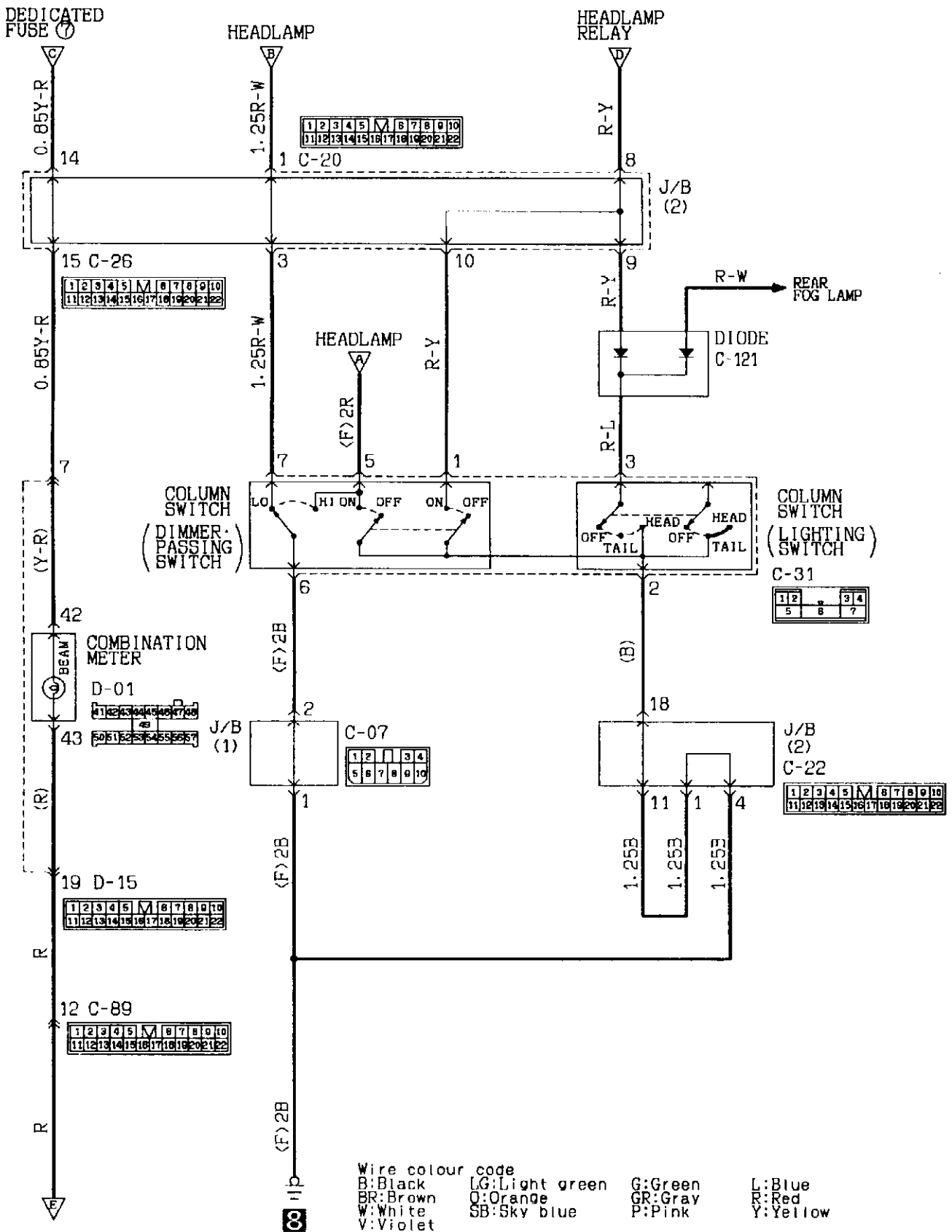
# HEADLAMP

R.H. drive vehicles without dim-dip lamp



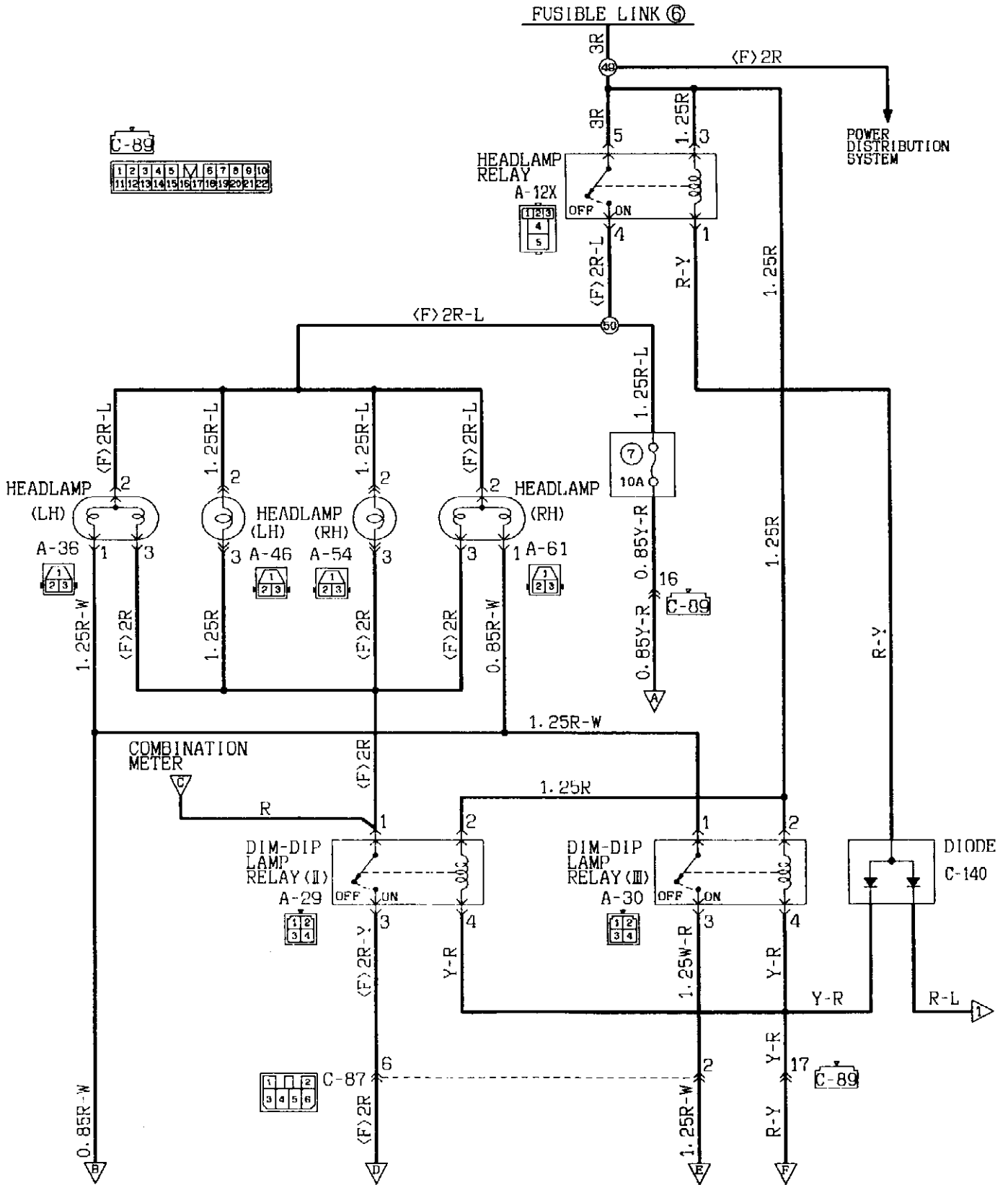
KX35-AC-F0807-EC



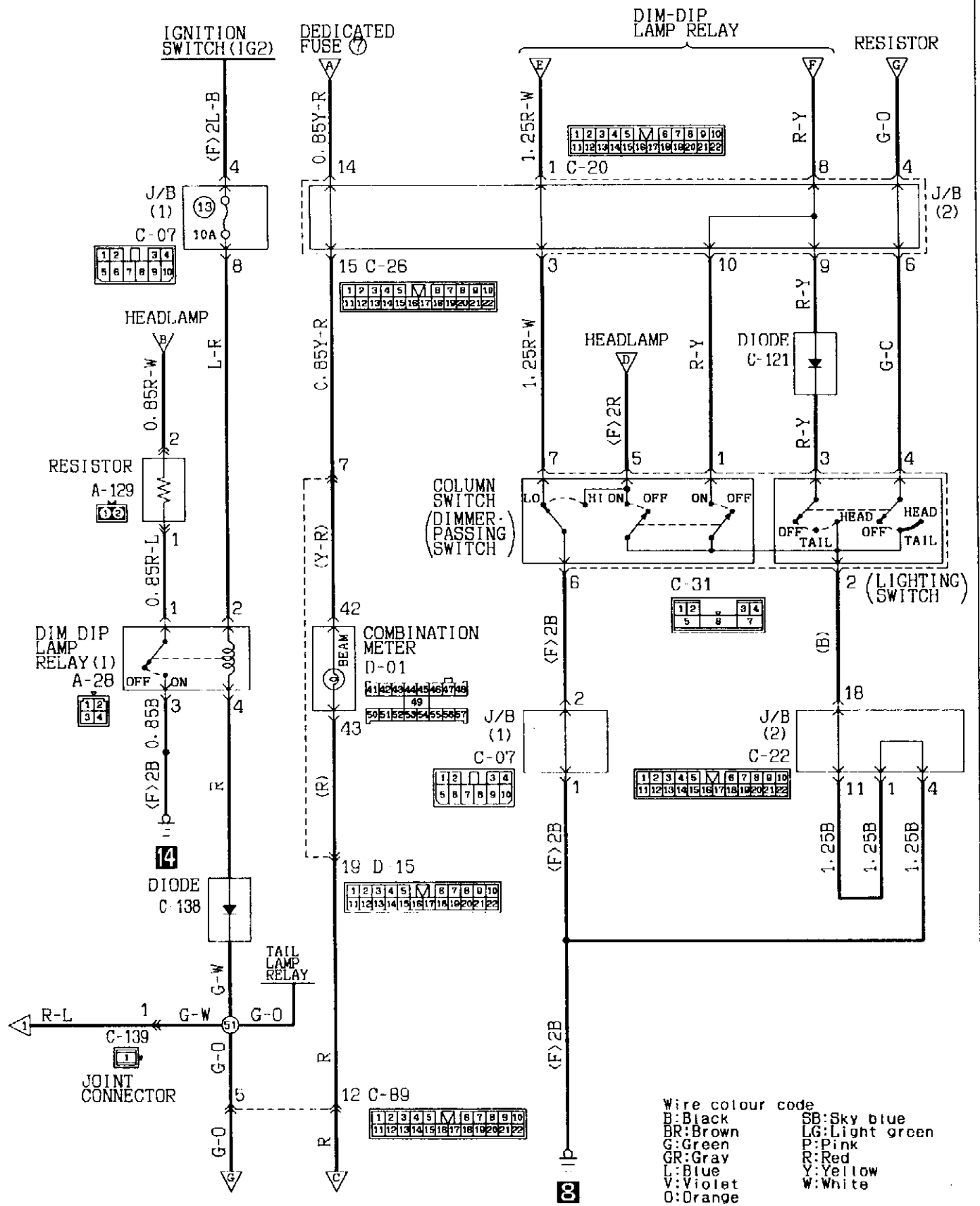


# HEADLAMP

R. H. drive vehicles with dim-dip lamp



KX35-AC-F0808-EC



**HEADLAMP <Vehicles with dim-dip lamp> (See P. 4-82.)****OPERATION**

Headlamp Relay ON Conditions

| Ignition switch | Lighting switch | Dimmer/passing switch | Headlamp relay |
|-----------------|-----------------|-----------------------|----------------|
| "ON"            | "TAIL"          | —                     | ON             |
| —               | "HEAD"          | —                     | ON             |
| —               | —               | "PASS"                | ON             |

**<Dim-dip lamp operation>**

- Placing the lighting switch in the TAIL position causes dim-dip lamp relay (I) to be energized.
- This causes the headlamp relay to be also energized resulting in the headlamps being lit up dimly through the circuit by way of resistor.

**<Low-beam operation>**

- Placing the lighting switch in the HEAD position causes the headlamp relay, dim-dip lamp relay (II), and dim-dip lamp relay (III) to be energized.
- If the dimmer/passing switch is placed in the LO position at this time, the headlamps light up in low beam.

**<Upper-beam operation>**

- Placing the lighting switch in the HEAD position causes the headlamp relay, dim-dip lamp (II) and dim-dip lamp relay (III) to be energized.
- If the dimmer/passing switch is placed in the HI position at this time, the headlamps light up in upper beam.

**<Upper-beam indicator lamp>**

- This lamp lights up when the upper/passing beams are on, indicating that the headlamps are on in upper beam.

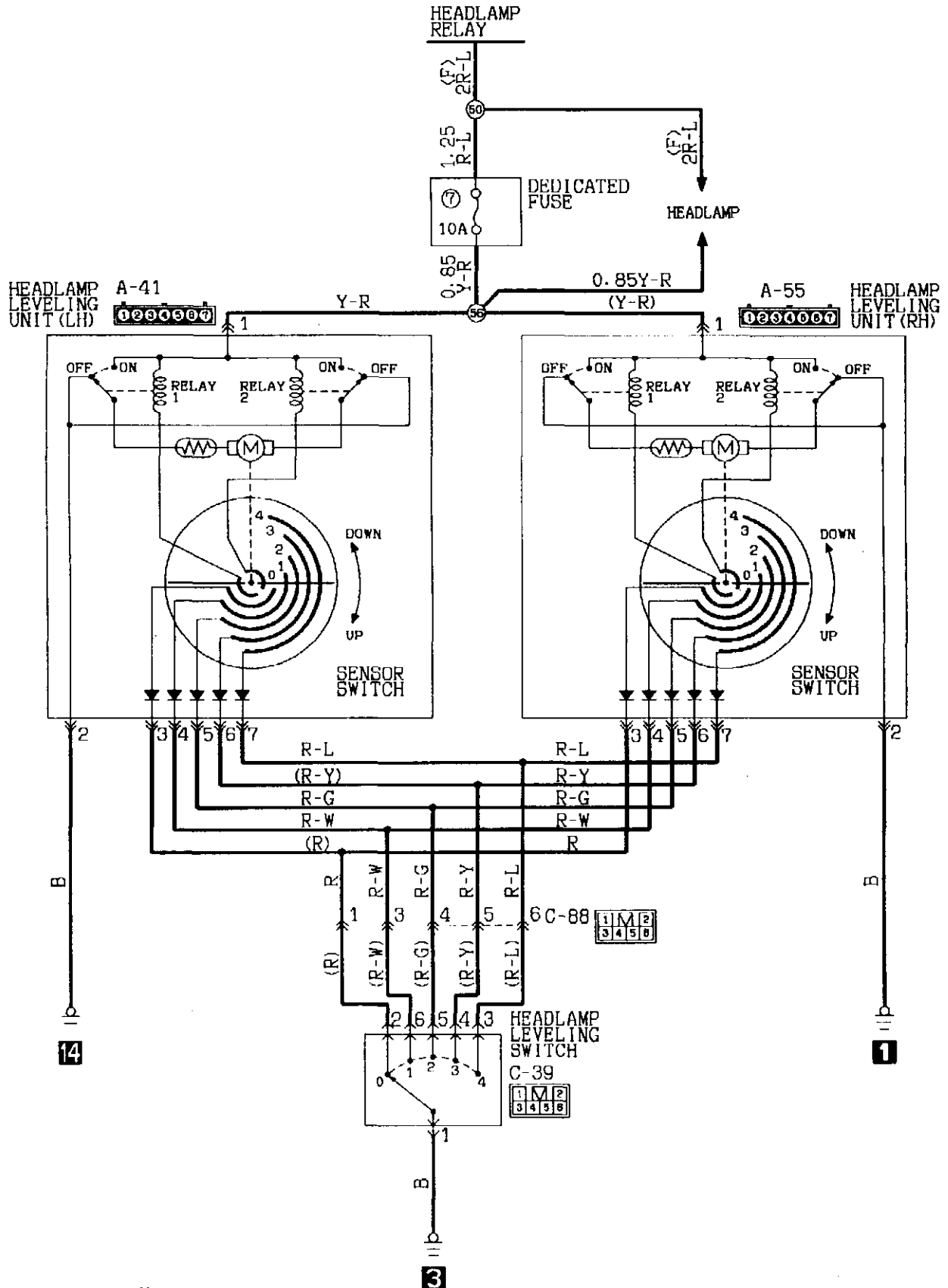
**<Passing operation>**

- When the dimmer/passing switch is set to the "ON" position, the headlamp relay is switched ON and the upper beam of the headlamps illuminates.

**TROUBLESHOOTING HINTS**

1. Headlamps don't come on.
  - 1) But the tail lamps do illuminate.
    - Check the headlamp relay.
    - Check the lighting switch.
    - Check the dim-dip lamp relays (II) and (III).
  - 2) The tail lamps also don't illuminate.
    - Check the fusible link No. ⑥.
2. The low beam at both sides doesn't illuminate.
  - Check the dimmer switch LO contacts.
3. The upper beam at both sides doesn't illuminate.
  - 1) The passing signal functions OK.
    - Check the dimmer switch HI contacts.
  - 2) The passing signal doesn't function.
    - Check the dimmer switch.
4. One headlamp doesn't illuminate.
  - Check the bulb.
5. Can't switch from low to upper beam or vice-versa.
  - Check the dimmer switch.
6. The headlamps' low beam does not illuminate at the "TAIL" position of the lighting switch.
  - 1) The low beam does illuminate, however, when, with lighting switch at the "HEAD" position, the dimmer switch is set to "LO".
    - Check the dim-dip lamp relay (I).
    - Check the resistor.
    - Check the diode.
7. Upper-beam indicator lamp does not come on.
  - 1) Headlamp upper beams are operational.
    - Check dedicated fuse No. ⑦.
    - Check the indicator lamp bulb.

HEADLAMP LEVELING SYSTEM  
L.H. drive vehicles

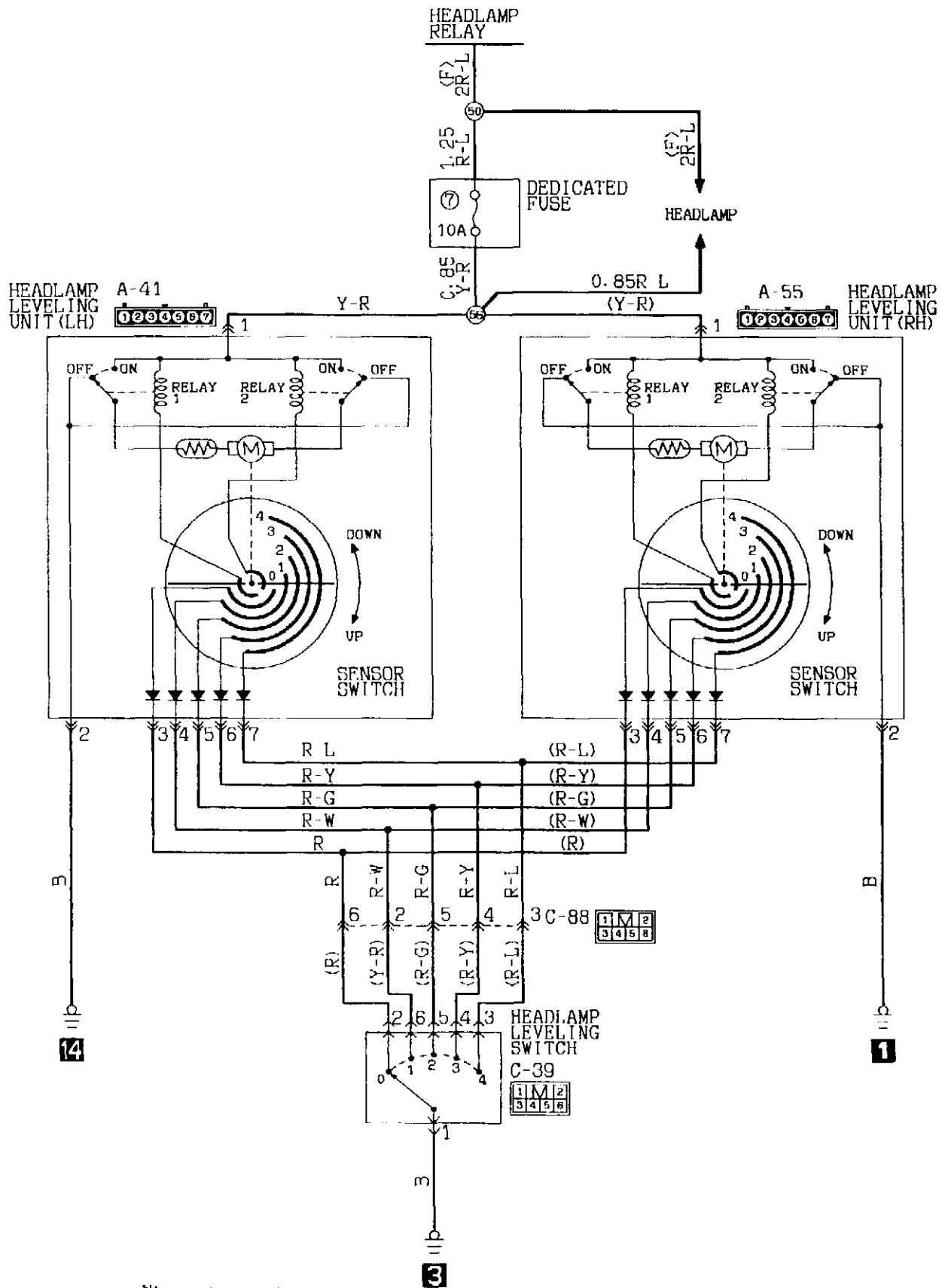


Wire colour code  
 B:Black Lg:Light green G:Green L:Blue W:White Y:Yellow Sb:Sky blue  
 Br:Brown O:Orange Gr:Gray R:Red P:Pink V:Violet

KX35-AC-F0821-EC

# HEADLAMP LEVELING SYSTEM

R. H. drive vehicles



Wire colour code  
 B:Black Lg:Light green G:Green L:Blue W:White Y:Yellow Sb:Sky blue  
 Br:Brown O:Orange Gr:Gray R:Red P:Pink V:Violet

**HEADLAMP LEVELING SYSTEM (See P. 4-85, 86.)****OPERATION****Downtilt operation**

- When the headlamps are switched ON, battery voltage is applied, through dedicated fuse no. ④ (10A), from the headlamp relay to the headlamp leveling unit.
- When the headlamp leveling switch setting is changed from the "0" position to the "1" position, electricity flows from Relay 2 to print base 1 to the headlamp leveling switch and to earth; the Relay 2 contacts are thus switched ON and the motor is activated. As a result, the headlamp leveling unit's shaft is pushed outward, the reflector tilts downward, and the optical axis of the headlamps is tilted in the downward direction.
- At the same time, the contacts of the sensor switch, which are interlocked with the movement of the motor, also turn in the "DOWN" direction, and, at the position where there is no longer contact of print base 1 and the brush contact, Relay 2 is switched OFF and the motor stops.
- In the same way as described above, when the headlamp leveling switch setting is changed from the "1" position to the "2" position and further to the "3" position and the "4" position, the motor continues to rotate so that the headlamp leveling unit's shaft is pushed outward, tilting the reflector further downward; the optical axis of the headlamps is at the maximum downward tilt at the "4" position of the headlamp leveling switch.

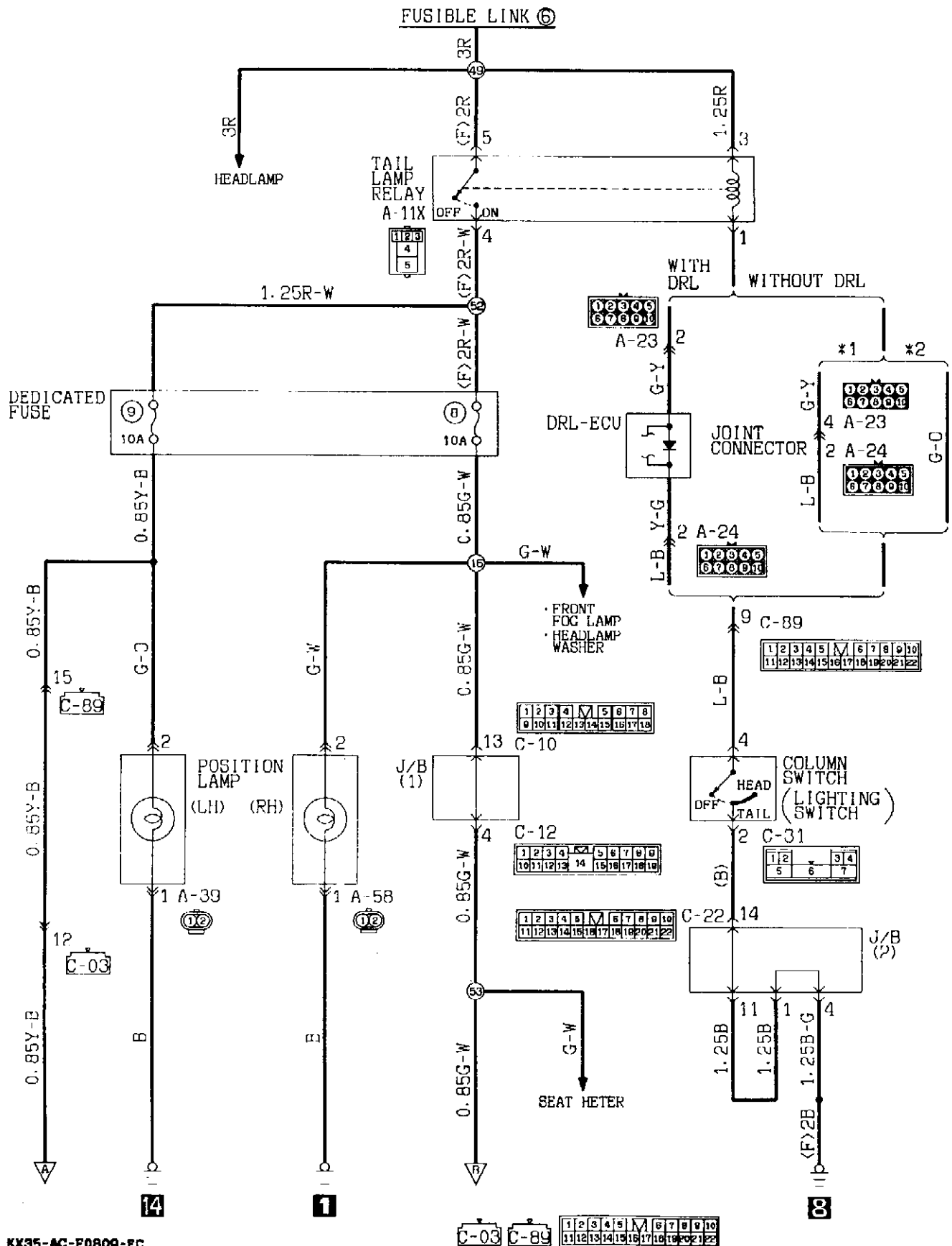
**Return operation**

- When the setting of the headlamp leveling switch is changed from the "4" position to the "3" position, electricity flows from Relay 1 to print base 3 to the headlamp leveling switch and to earth; the Relay 1 contacts are thus switched ON, and the motor rotates in the direction opposite to that for downtilt.  
As a result, the headlamp leveling unit's shaft is drawn inward, the tilt of the reflector is reduced, and the optical axis of the headlamps is changed in the upward direction.
- At the same time, the contacts of the sensor switch turn in the "UP" direction, and, at the position where there is no longer contact of print base 3 and the brush contact, Relay 1 is switched OFF and the motor stops.
- When the setting of the headlamp leveling switch is further changed from the "3" position to the "2" position and to the "1" position, the motor continues to rotate, and the optical axis of the headlamps returns to the minimum tilt position at the "0" setting of the switch.
- In order to prevent overheat damage to the motor as a result of frequent operation of the headlamp leveling system, a thermistor is provided in the circuitry within the headlamp leveling unit.

**TROUBLESHOOTING HINTS**

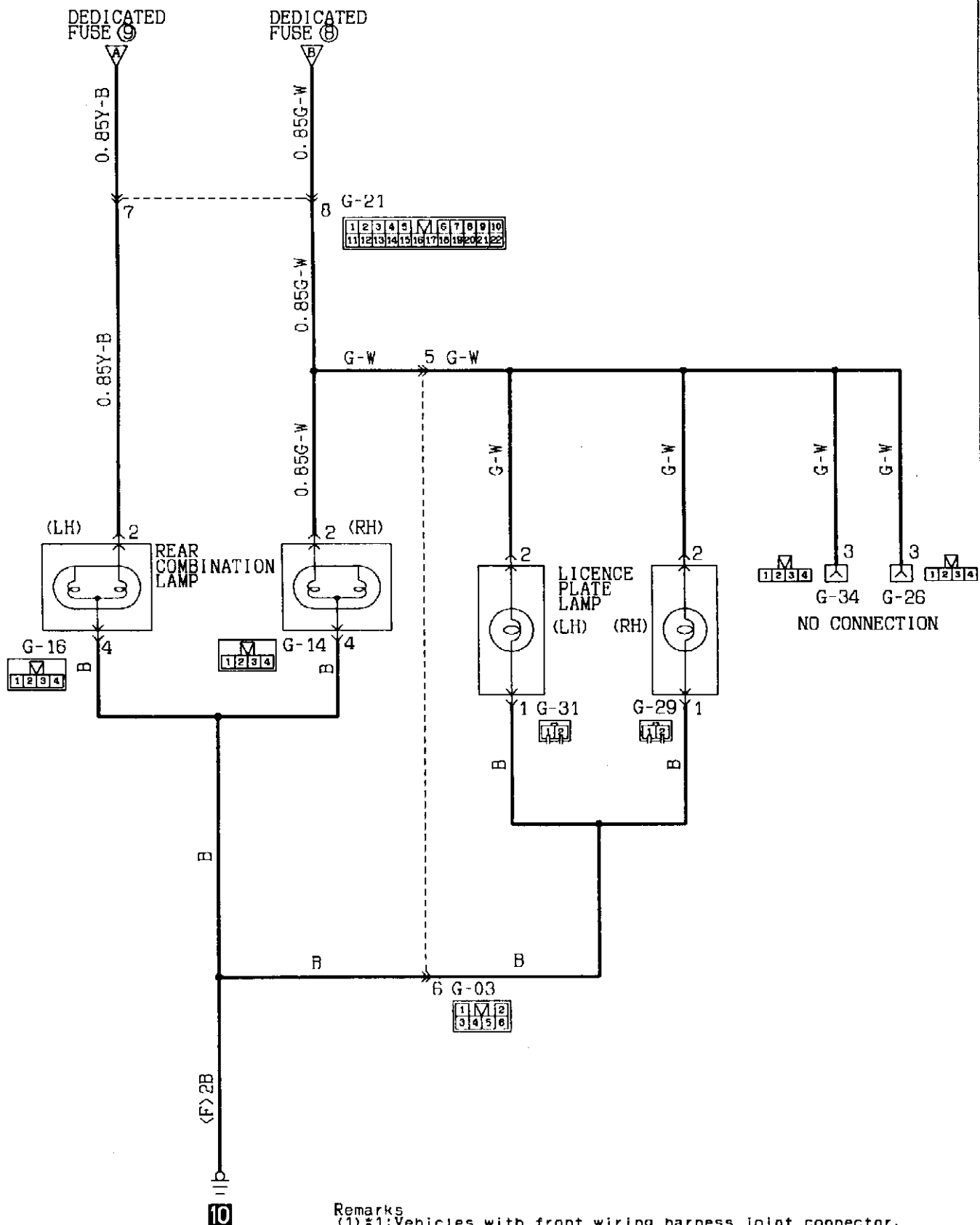
1. No operation of the headlamp leveling system.
  - (1) The upper beam indicator lamp also does not illuminate.
    - Check dedicated fuse no. ⑦.
  - (2) The upper beam indicator lamp illuminates.
    - Check the headlamp leveling switch.
    - Check the headlamp leveling unit.
2. Either the left or right part of the headlamp leveling system does not operate.
  - Check the headlamp leveling unit for the side that does not operate.
3. Either the downtilt operation or the return operation does not function.
  - Check the headlamp leveling unit.

TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP  
Sedan (L. H. drive vehicles)



KX35-AC-F0800-EC

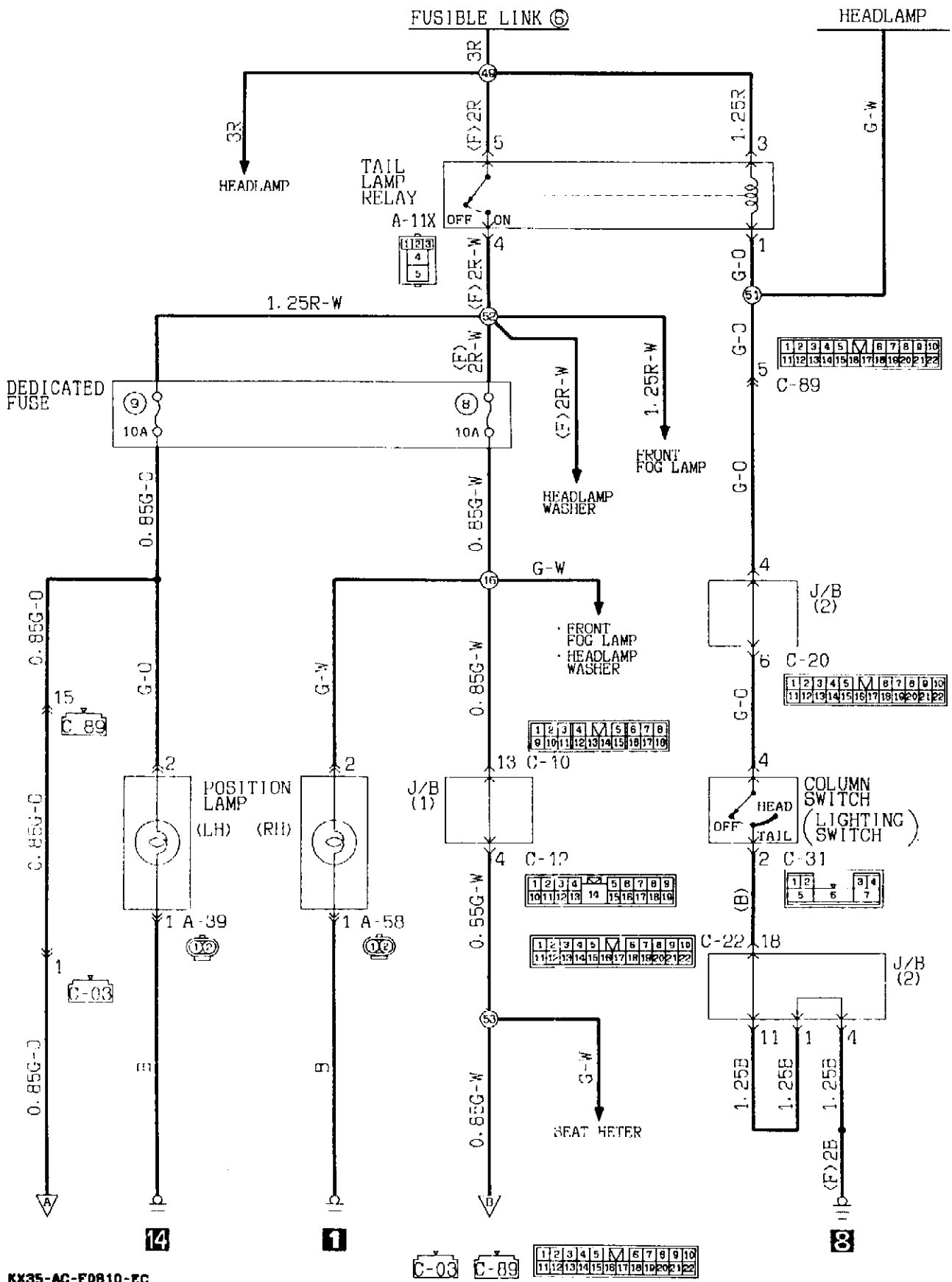




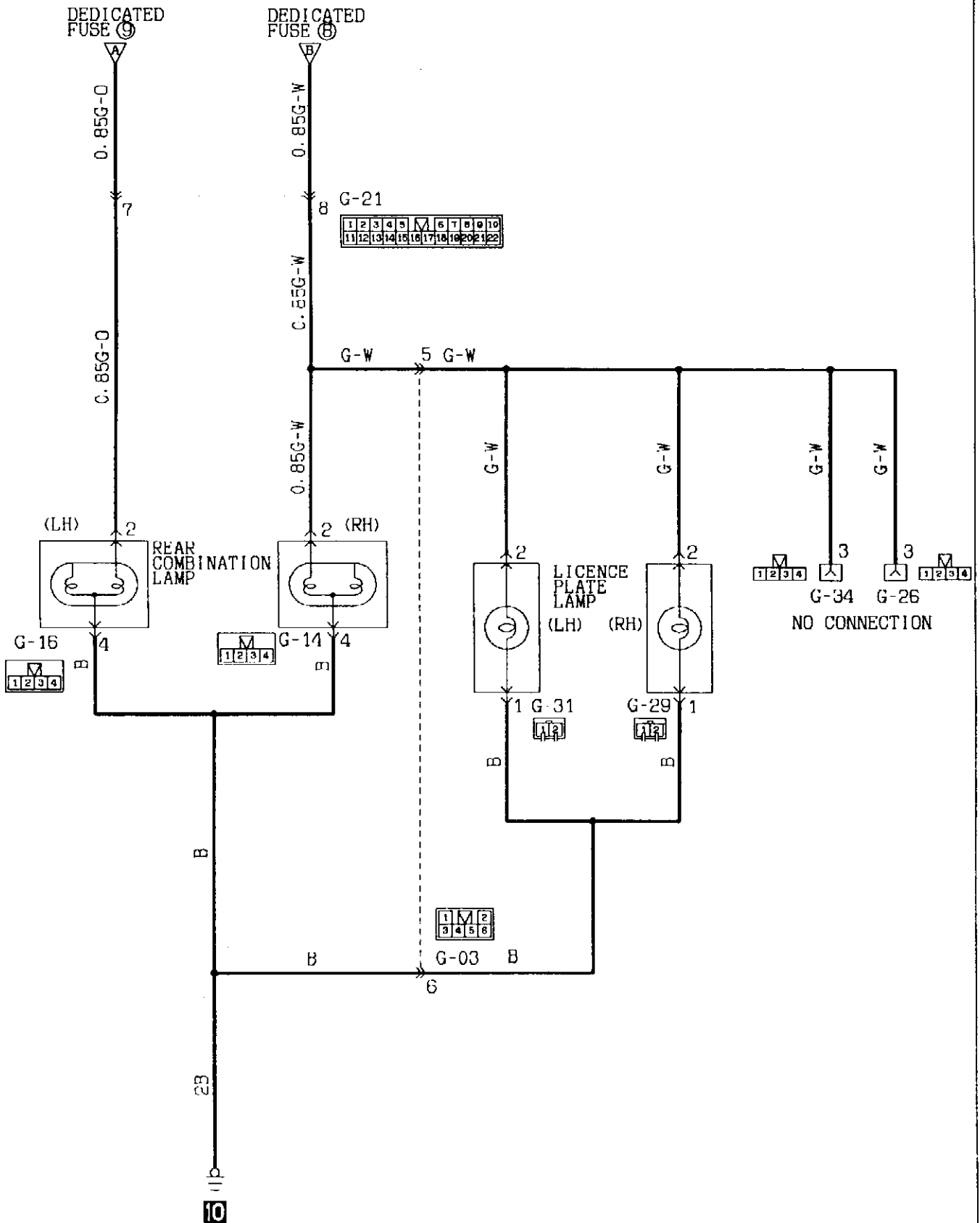
Remarks  
 (1) #1: Vehicles with front wiring harness joint connector.  
 (2) #2: Vehicles without front wiring harness joint connector.

Wire colour code  
 B: Black    LG: Light green    G: Green    L: Blue    W: White    Y: Yellow    SB: Sky blue  
 BR: Brown    O: Orange    GR: Gray    R: Red    P: Pink    V: Violet

TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP  
Sedan (R. H. drive vehicles)

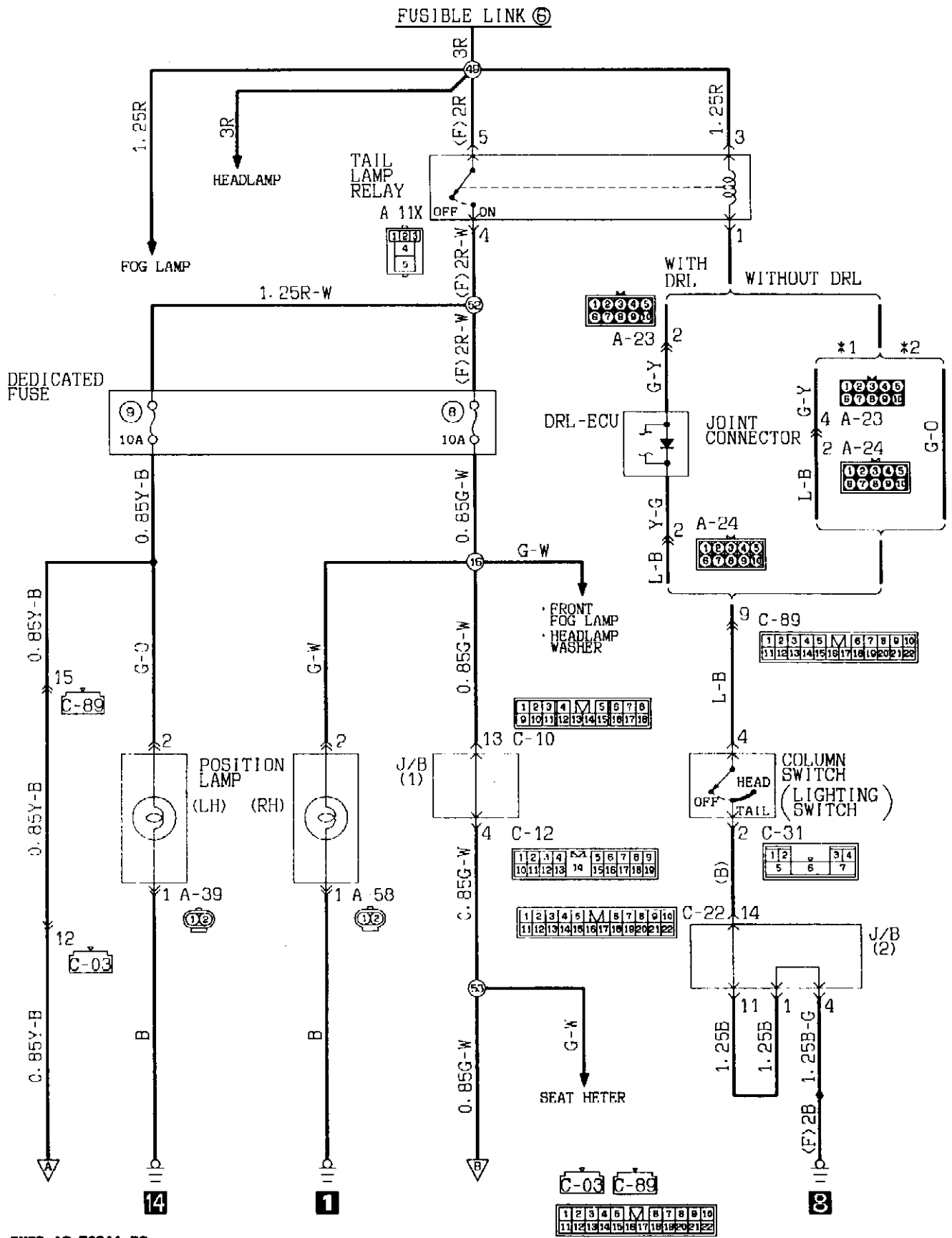


KX35-AC-F0810-EC

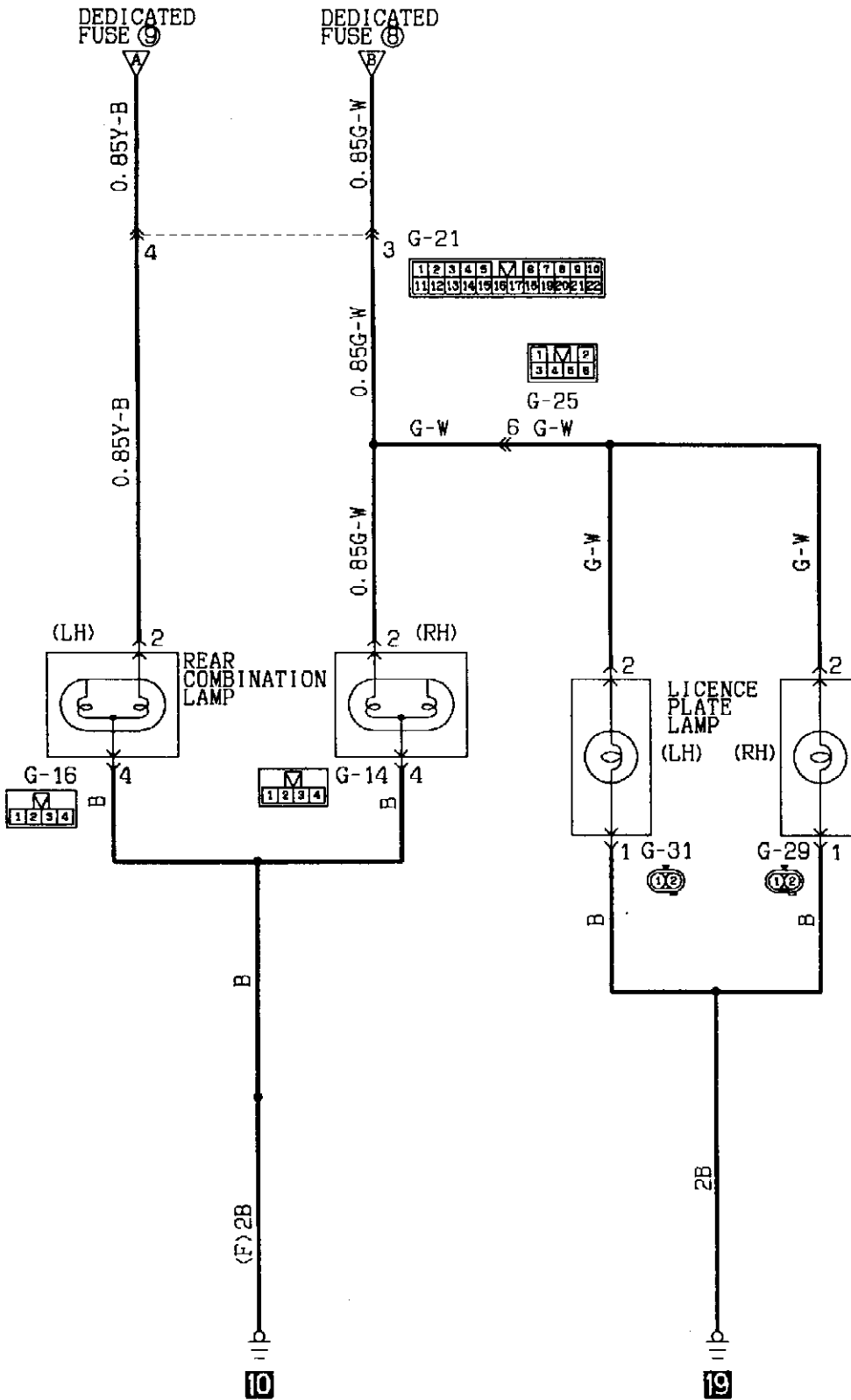


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

# TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP Hatchback (L.H. drive vehicles)



KX35-AC-F0811-EC



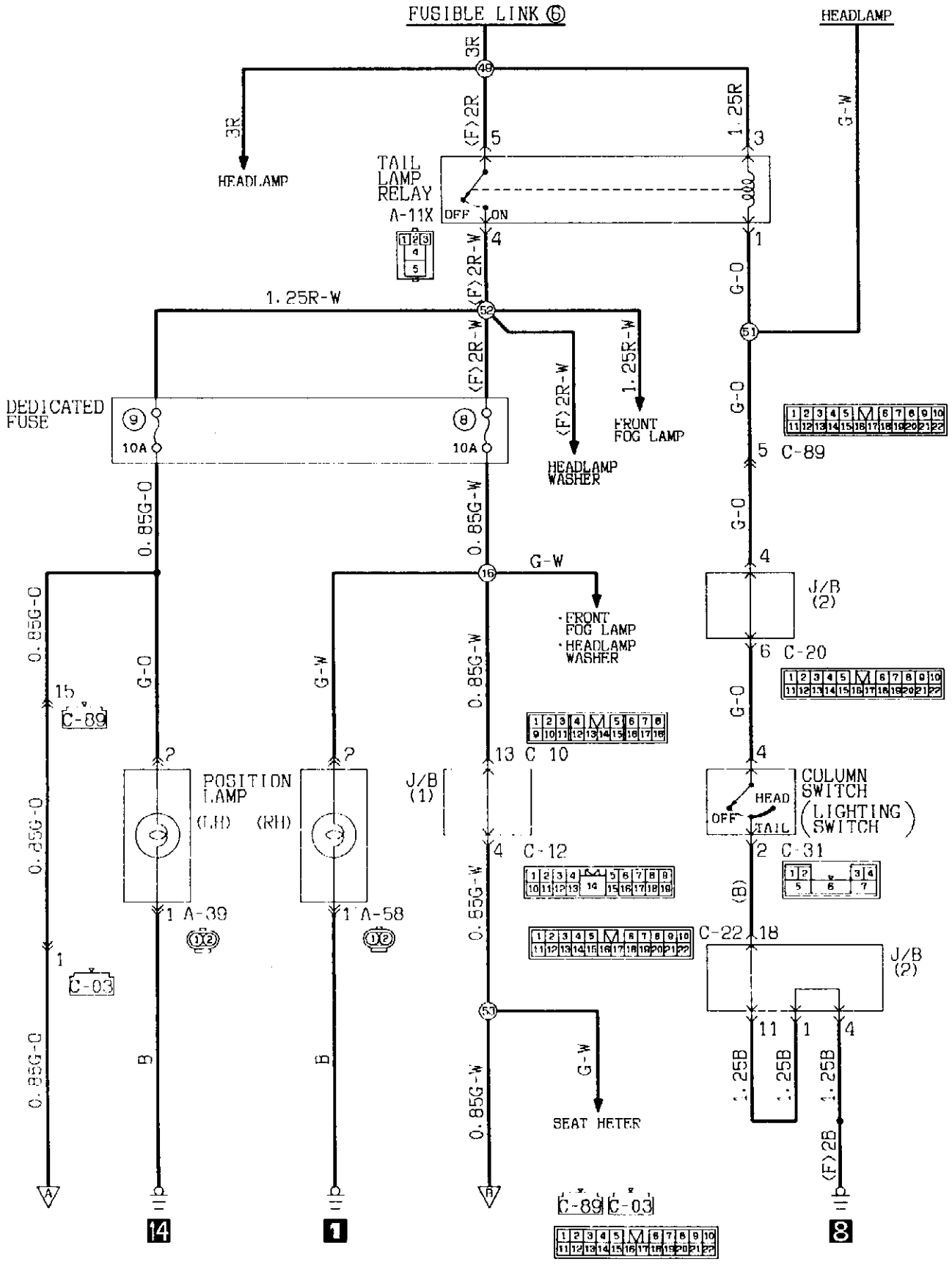
Remarks

- (1) \*1: Vehicles with front wiring harness joint connector.
- (2) \*2: Vehicles without front wiring harness joint connector.

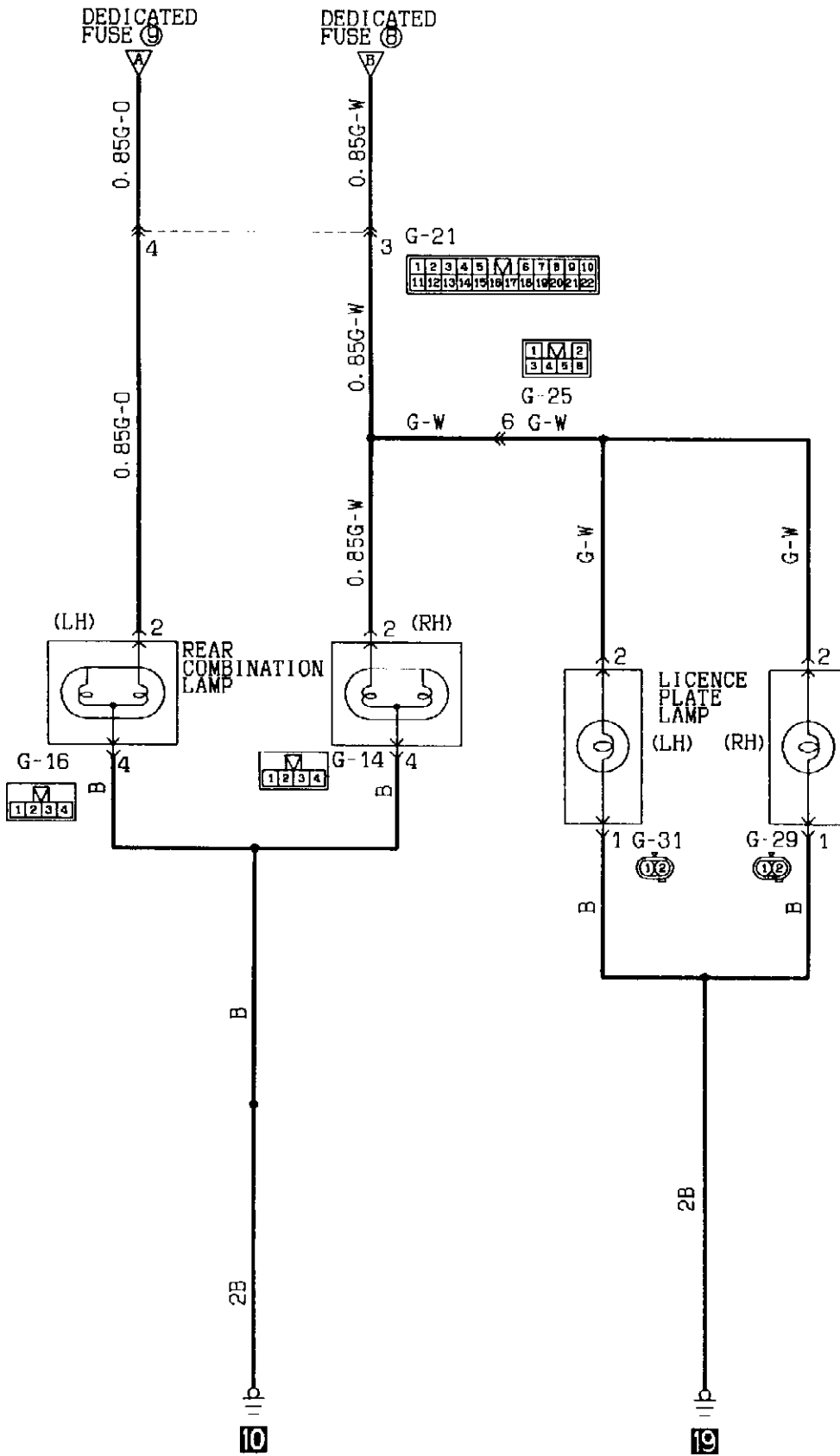
Wire colour code

B:Black    LG:Light green    G:Green    L:Blue    W:White    Y:Yellow    SB:Sky blue  
 BR:Brown    O:Orange    GR:Gray    R:Red    P:Pink    V:Violet

TAIL LAMP, POSITION LAMP AND LISENCE PLATE LAMP  
Hatchback <R. H. drive vehicles>



KX35-AC-F0812-EC



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

**TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP (See P. 4-88, 90, 92, 94.)****OPERATION**

- Placing the lighting switch in the "TAIL" or "HEAD" position causes the tail lamp relay to be energized.  
For vehicles with daytime running lamps, if the ignition switch is turned to the "ON" position, the tail lamp relay normally is always "ON".
- As a result, current flows by way of dedicated fuse No. ⑧ and No. ⑨ to each lamp, causing the lamp to go on.

**FRONT FOG LAMP (See P. 4-98, 100.)****OPERATION**

- Placing the lighting switch in the "TAIL" or "HEAD" position causes the tail lamp relay to be energized.  
For vehicles with daytime running lamps, if the ignition switch is turned to the "ON" position, the tail lamp relay normally is always "ON".
- When the front fog lamp switch is turned "ON" in this condition, the front fog lamp relay will turn "ON" and the front fog lamp goes on.

**TROUBLESHOOTING HINTS**

1. No lamp go on.
  - 1) Headlamps do not go on, either.
    - Check fusible link No. ⑥.
  - 2) Headlamps go on.
    - Check tail lamp relay.
    - Check dedicated fuse No. ⑧ and No. ⑨.

**TROUBLESHOOTING HINTS**

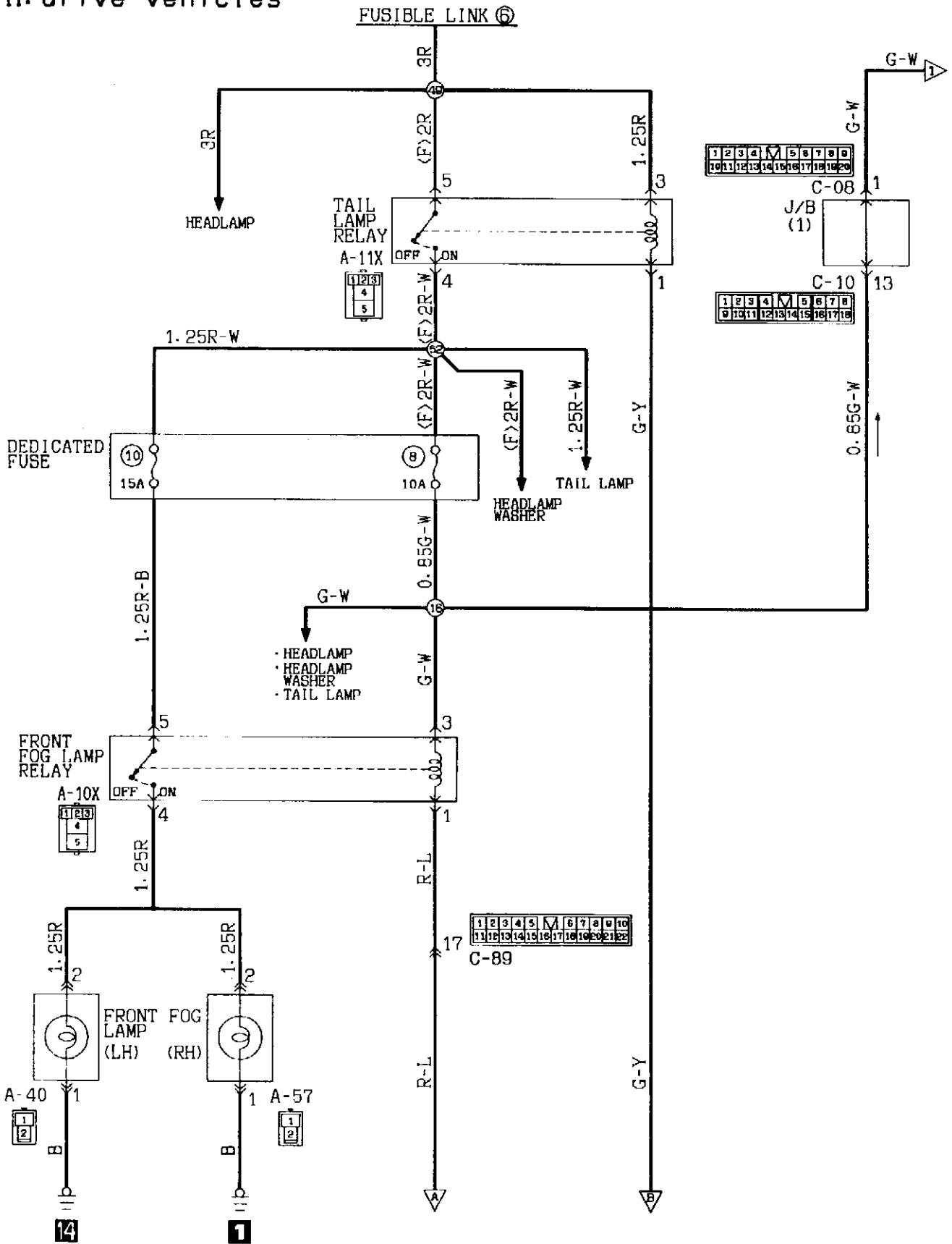
1. The front fog lamp does not light up.
  - 1) The tail lamp lights up.
    - Check front fog lamp relay.
    - Check front fog lamp switch.



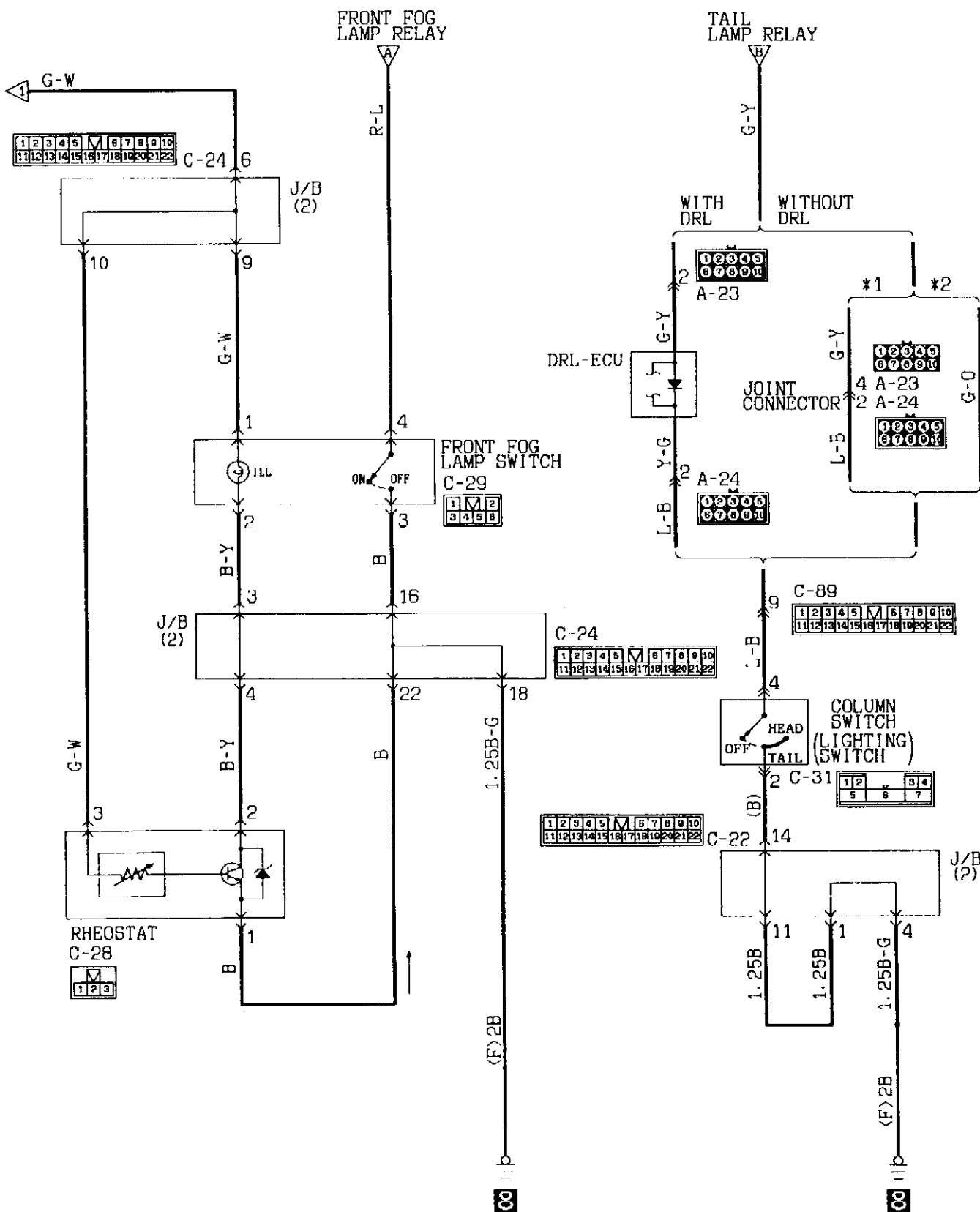
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NOTES

FRONT FOG LAMP  
L. H. drive vehicles



KX35-AC-F0813-EC

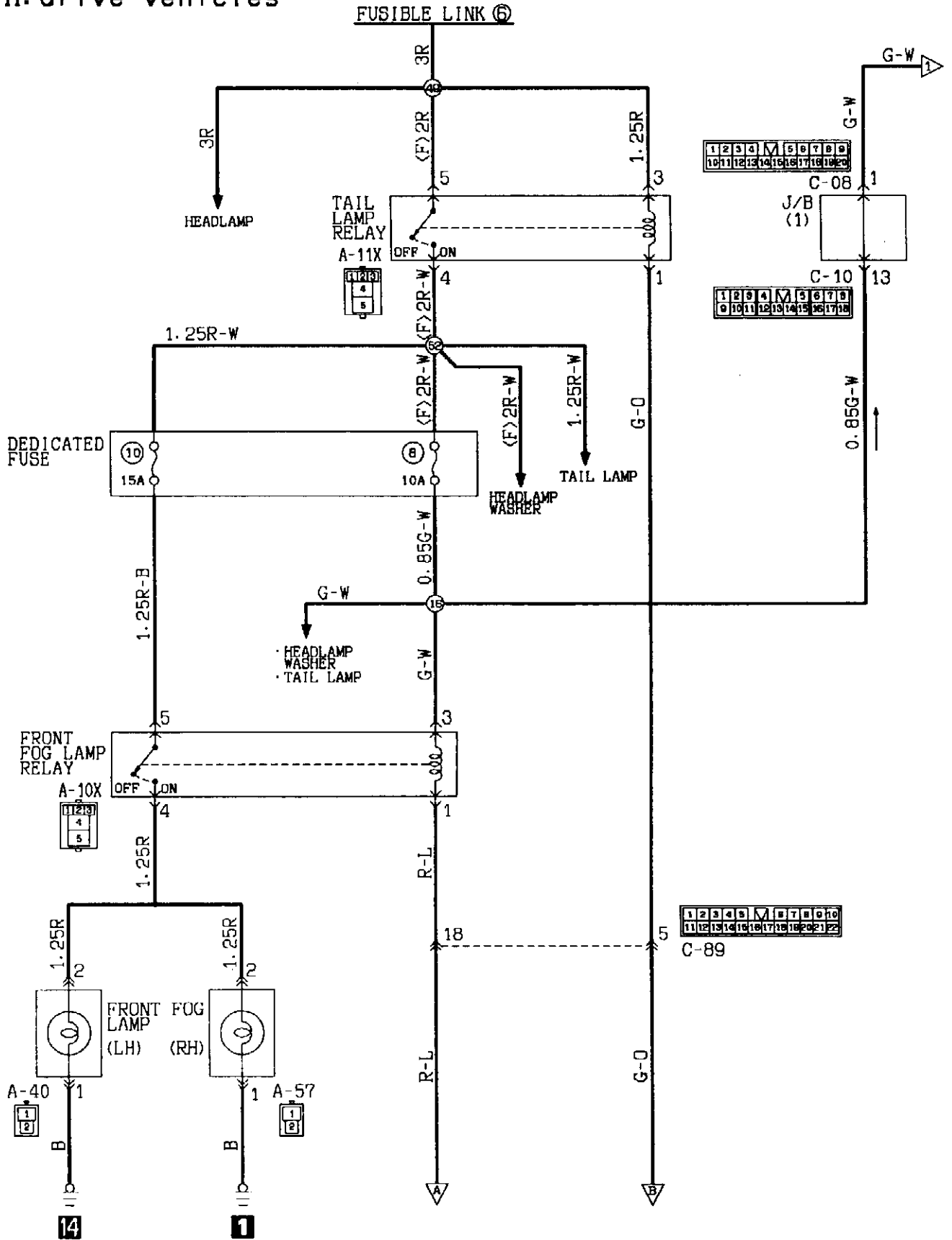


Remarks

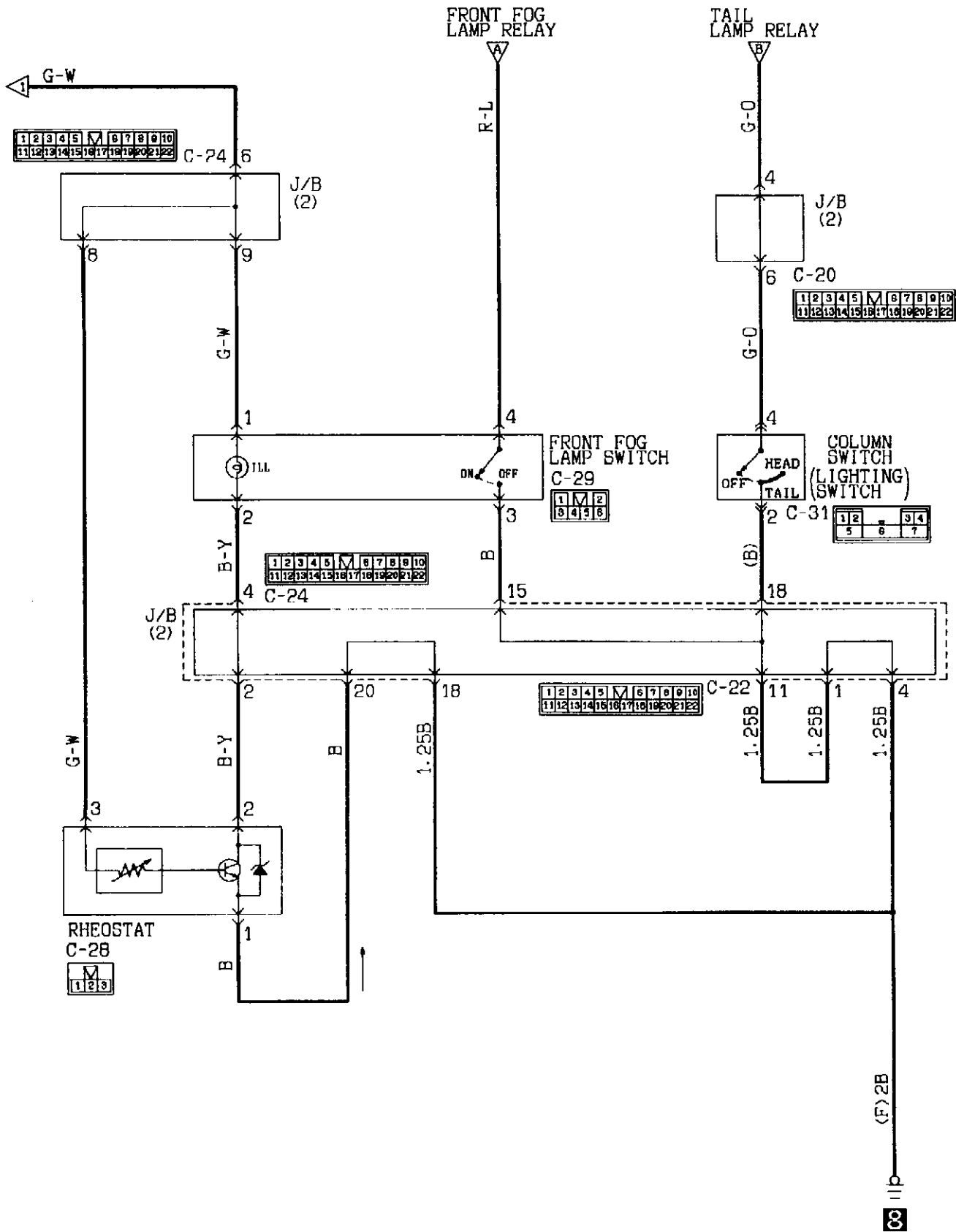
- (1)\*1: Vehicles with for wiring harness joint connector.
- (2)\*2: Vehicles without front wiring harness joint connector.

Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

FRONT FOG LAMP  
R. H. drive vehicles

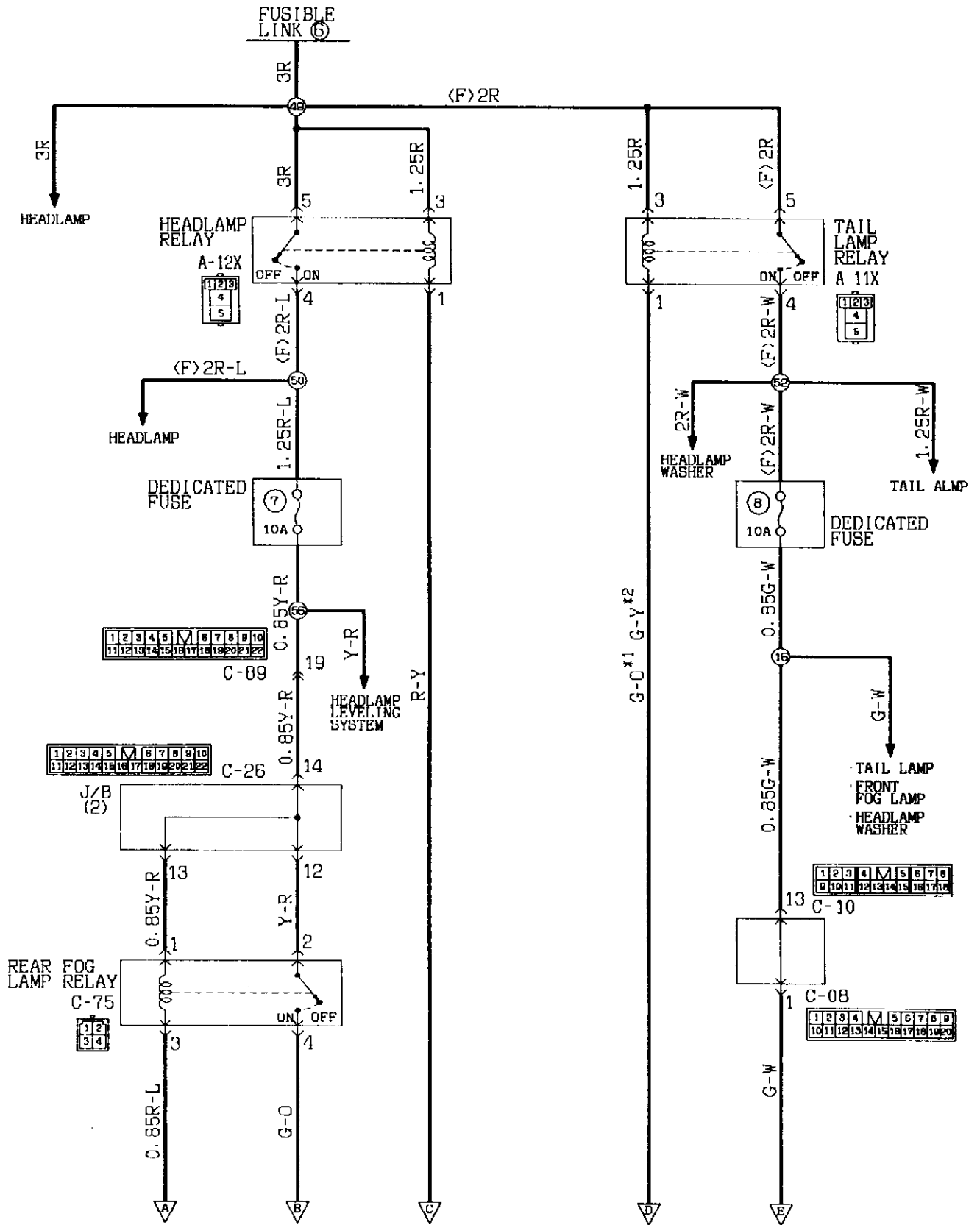


KX35-AC-F0814-EC



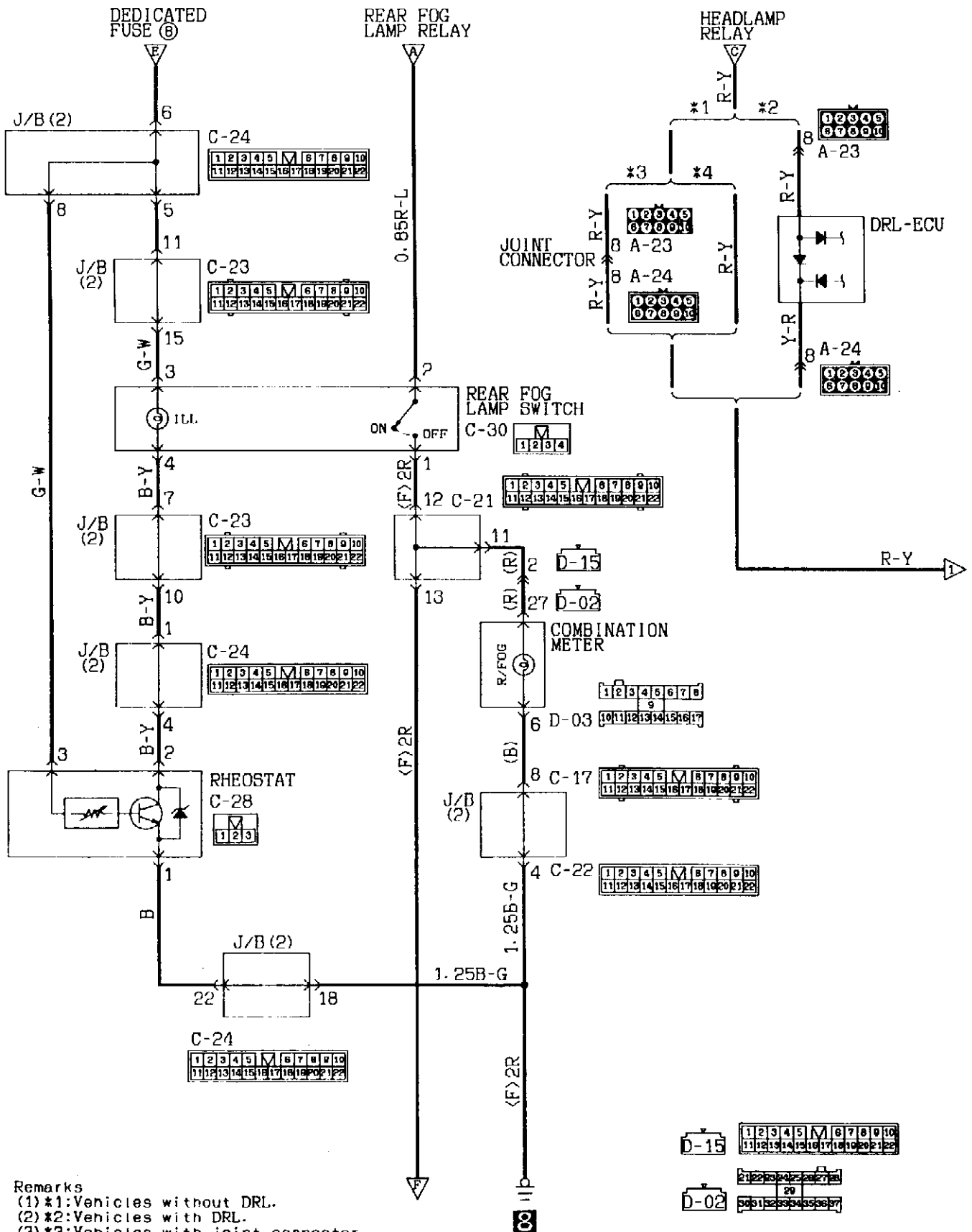
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

REAR FOG LAMP  
L.H. drive vehicles

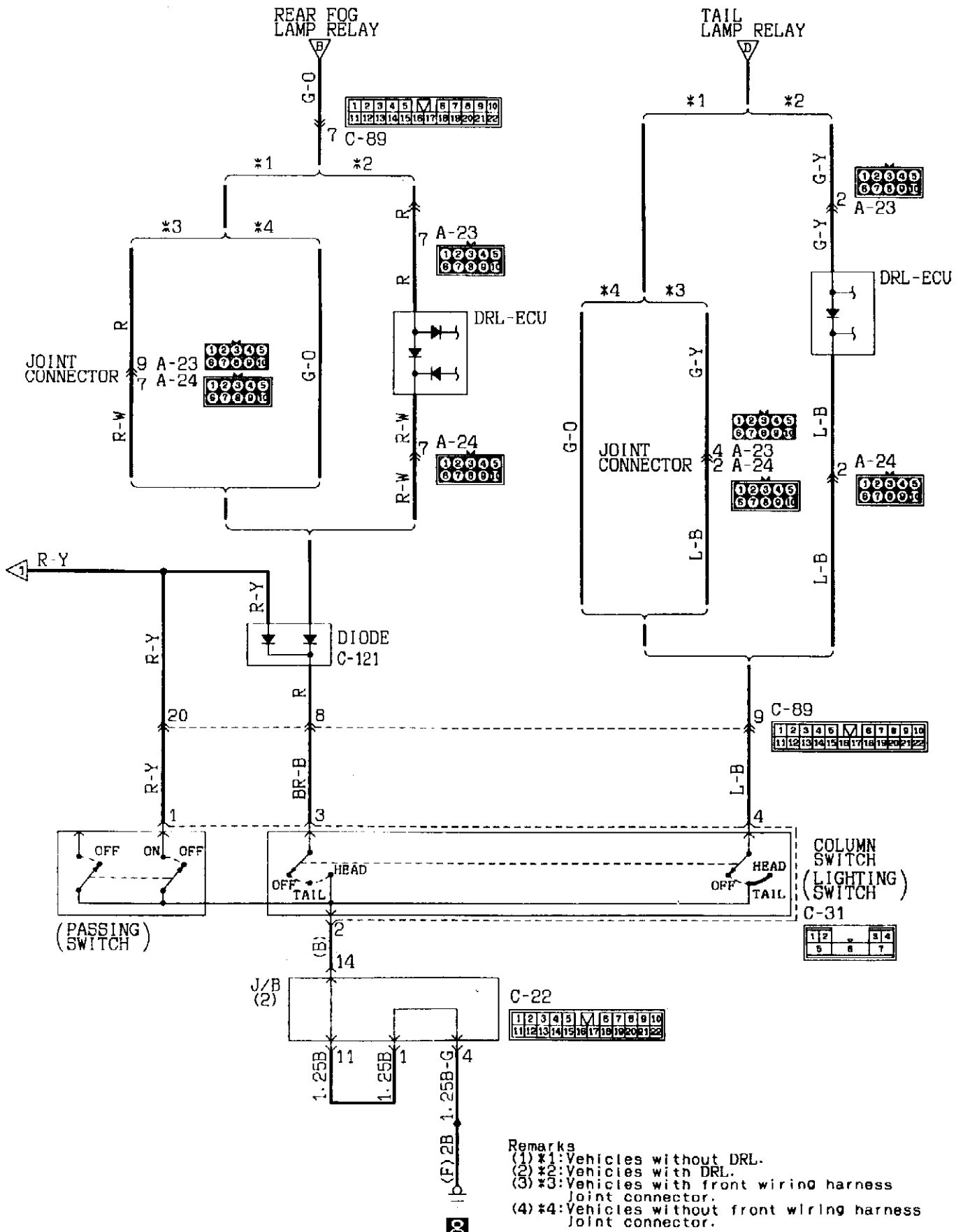


Wire colour code  
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KX35-AC-F0817-EC

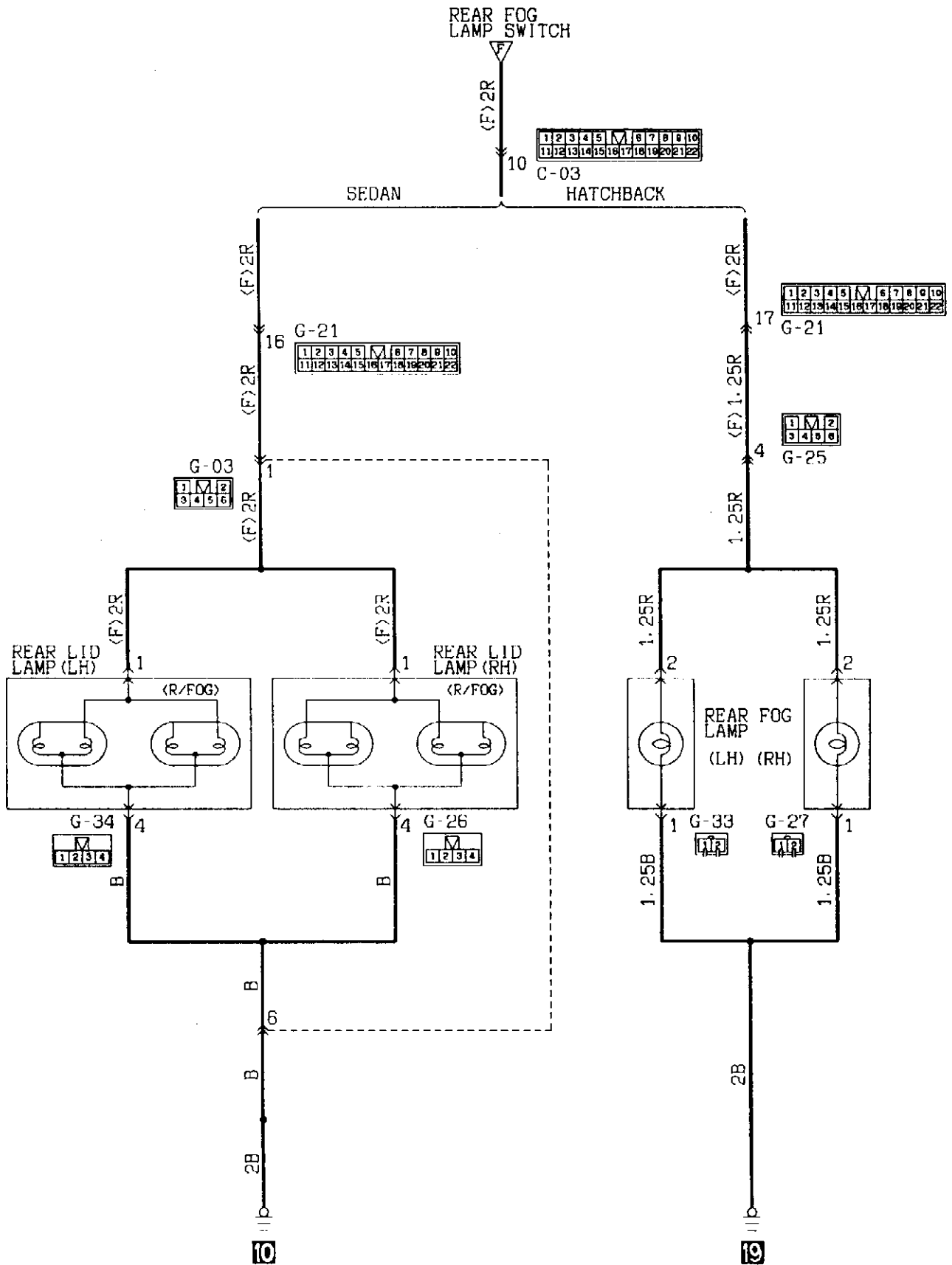


REAR FOG LAMP (L.H. drive vehicles)(CONTINUED)



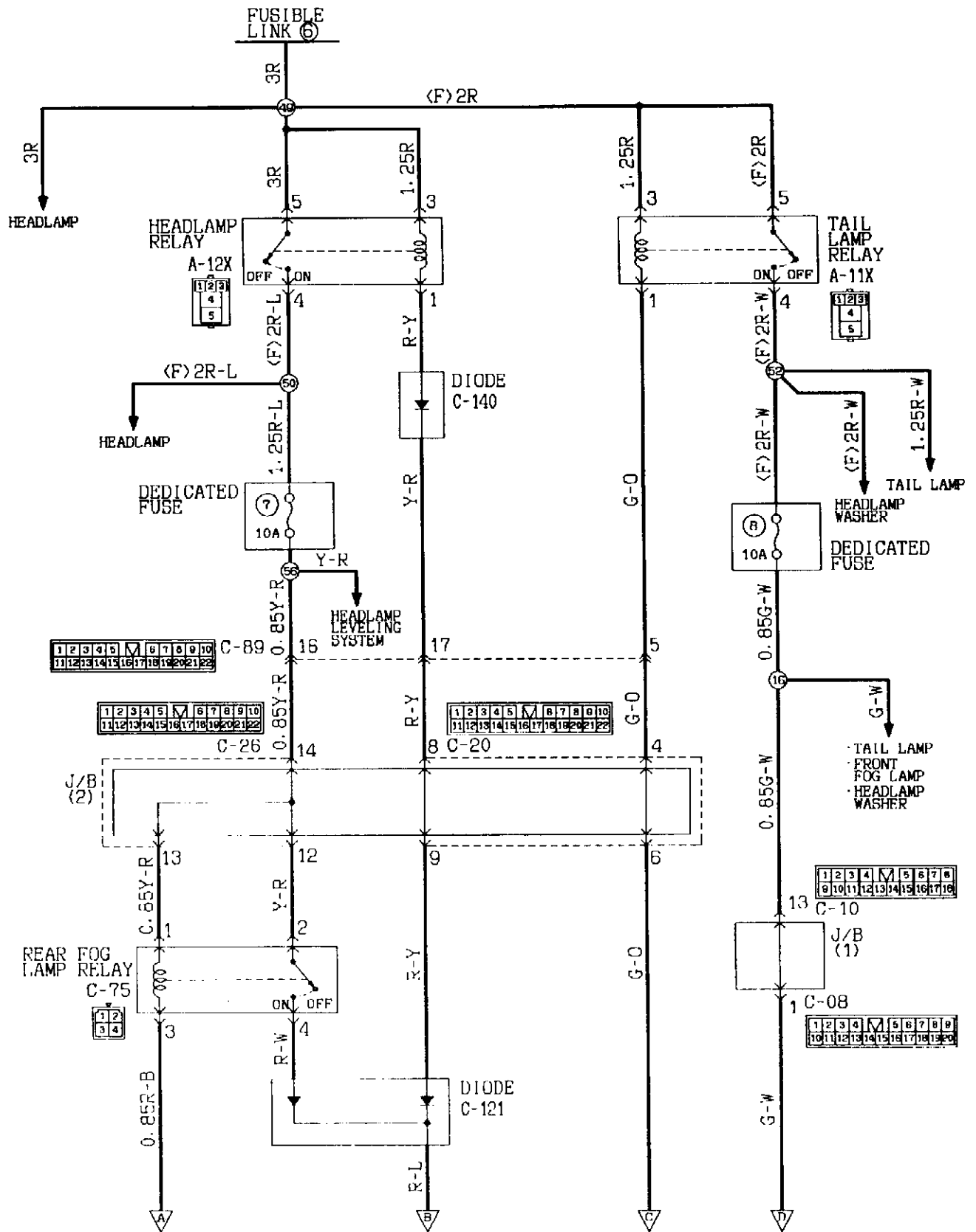
Remarks  
 (1) \*1: Vehicles without DRL.  
 (2) \*2: Vehicles with DRL.  
 (3) \*3: Vehicles with front wiring harness joint connector.  
 (4) \*4: Vehicles without front wiring harness joint connector.





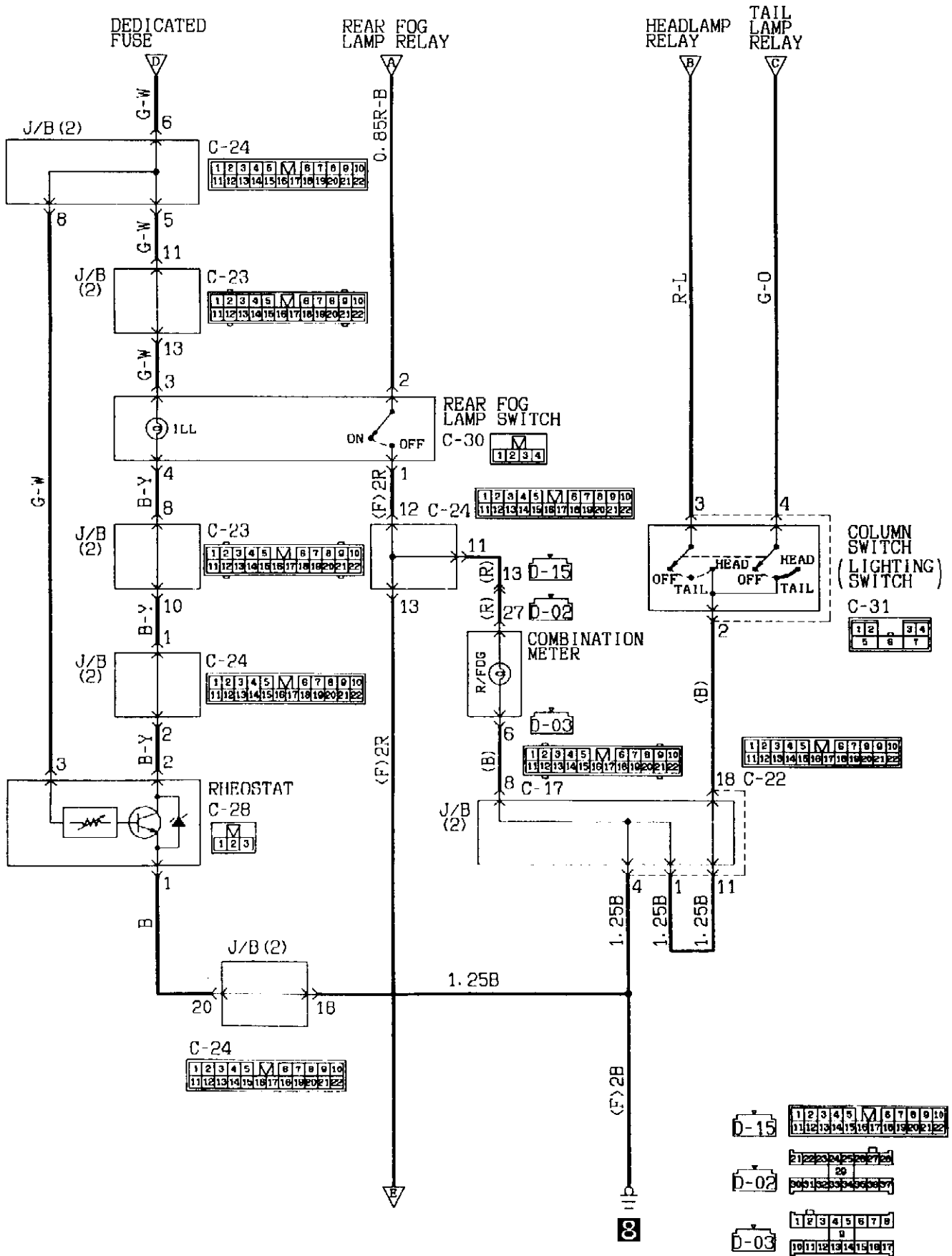
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

REAR FOG LAMP  
R. H. drive vehicles

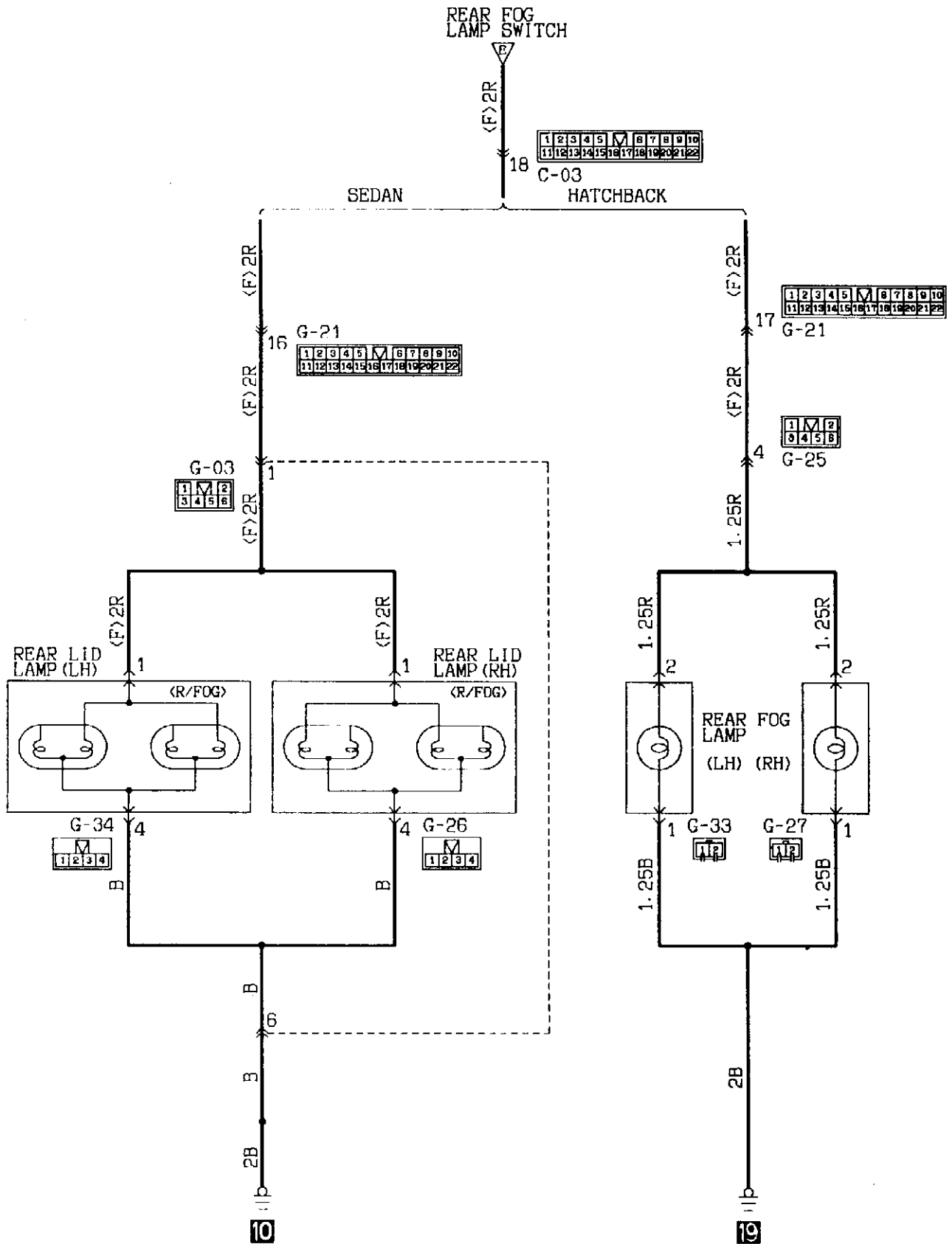


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F081B-EC



REAR FOG LAMP (R. H. drive vehicles) (CONTINUED)



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

**REAR FOG LAMP (See P. 4-102, 106.)****OPERATION**

Rear Fog Lamp Relay ON Conditions

**<Vehicles without daytime running lamp>**

| Ignition switch | Lighting switch | Rear fog lamp relay |
|-----------------|-----------------|---------------------|
| ---             | "HEAD"          | ON                  |

**<Vehicles with daytime running lamp>**

| Ignition switch | Lighting switch | Rear fog lamp relay |
|-----------------|-----------------|---------------------|
| ---             | "HEAD"          | ON                  |
| "ON"            | "OFF" or "HEAD" | ON                  |

- Placing the lighting switch in the HEAD position causes the rear fog lamp relay to be energized. For vehicles with daytime running lamps, if the ignition switch is in the "ON" position and the lighting switch is in the "OFF" position, the rear fog lamp relay will be energized.
- When the rear fog lamp switch is turned ON in this condition, the rear fog lamp goes on.

**TROUBLESHOOTING HINTS**

1. The rear fog lamp doesn't illuminate.
  - 1) Headlamps go on.
    - Check the rear fog lamp relay.
    - Check the rear fog lamp switch.
    - Check the dedicated fuse No. ⑦.
  - 2) Headlamps do not go on, either.
    - Check the lighting switch.
    - Check the fusible link No. ⑥.
2. The rear fog lamp at the one side doesn't illuminate.
  - Check the lamp bulb.

**ROOM LAMP <Vehicles without ETACS> (See P. 4-110, 112.)****OPERATION****<Room lamp>**

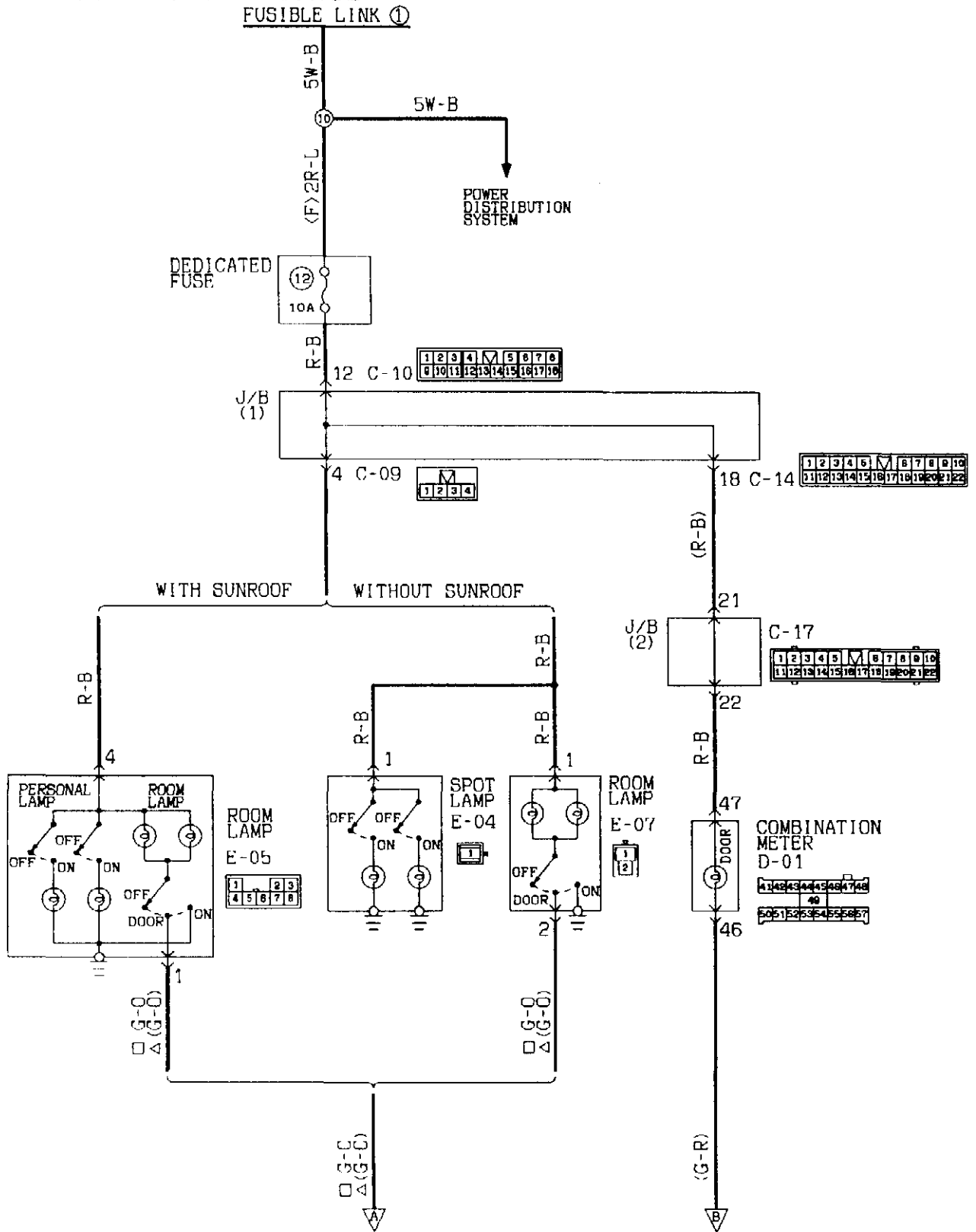
- Placing the room lamp switch in the ON position causes the room lamp to come on at all times.
- Opening any one of the doors with the room lamp switch in the DOOR position causes the room lamp to come on.
- Closing all doors causes the room lamp to go out.

**TROUBLESHOOTING HINTS**

1. Room lamp does not come on.
  - 1) Clock is not operating, either.
    - Check dedicated fuse No. ⑫.
  - 2) Room lamp does not come on when any door is opened with the room lamp switch in the DOOR position.
    - Check bulb.
    - Check room lamp switch.
  - 3) Room lamp does not come on when a door is opened with the room lamp switch in the DOOR position.
    - Check door switch (of the suspected door).

ROOM LAMP

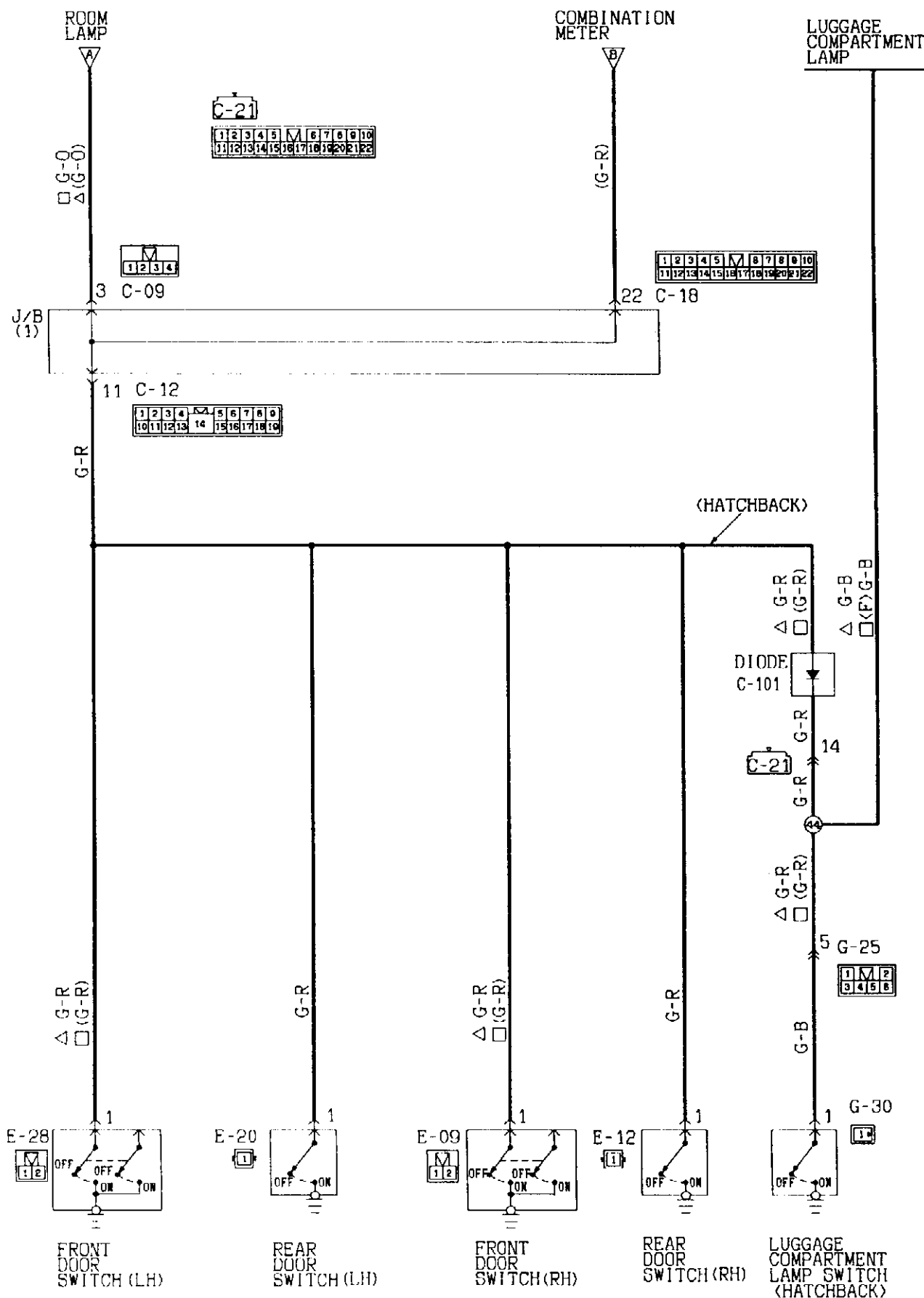
Vehicles without ETACS



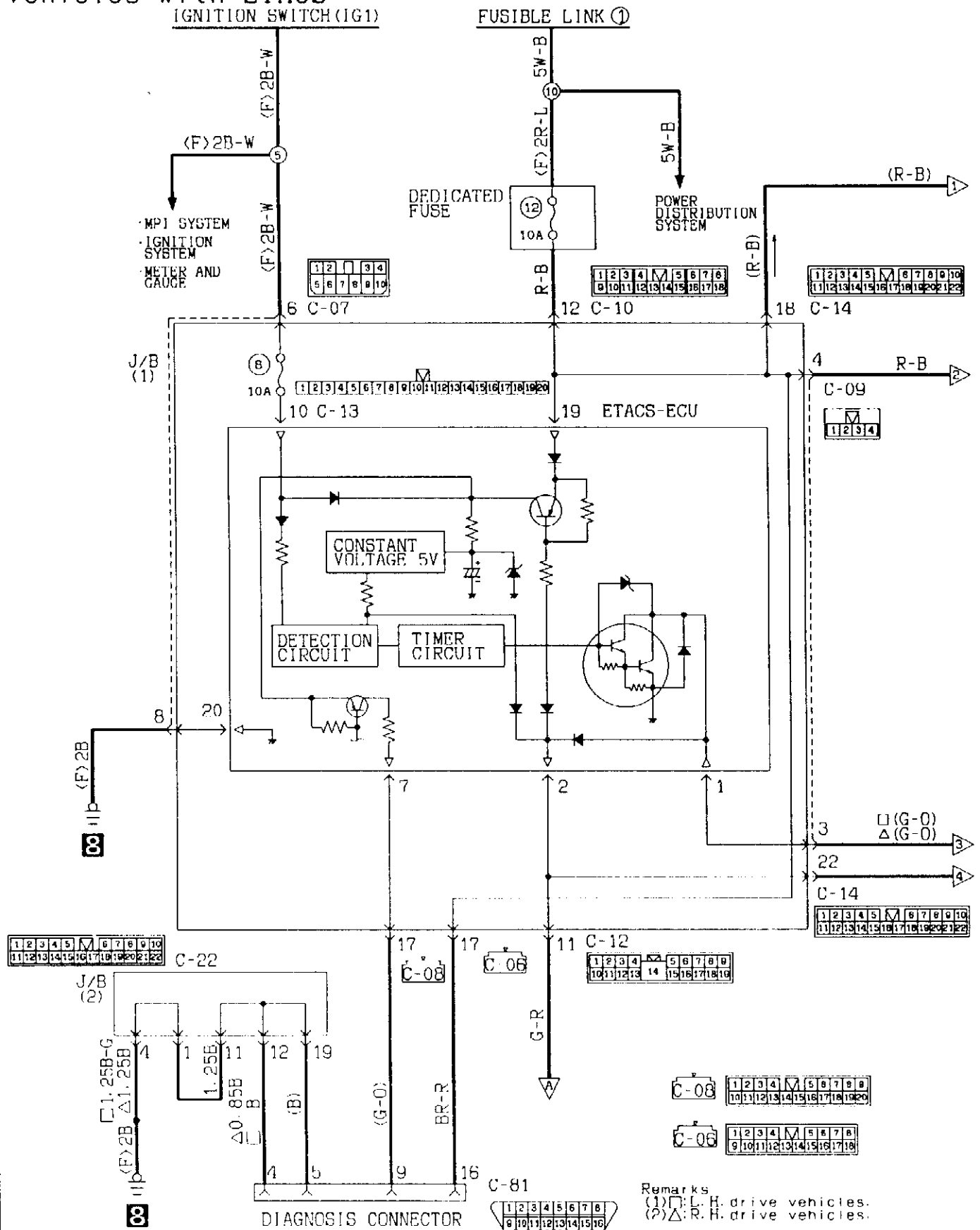
Remarks  
 (1) □: L. H. drive vehicles.  
 (2) △: R. H. drive vehicles.

Wire colour code  
 B: Black    LG: Light green    G: Green    L: Blue    W: White    Y: Yellow    SB: Sky blue  
 BR: Brown    O: Orange    GR: Gray    R: Red    P: Pink    V: Violet

KX35-AC-F0803-E



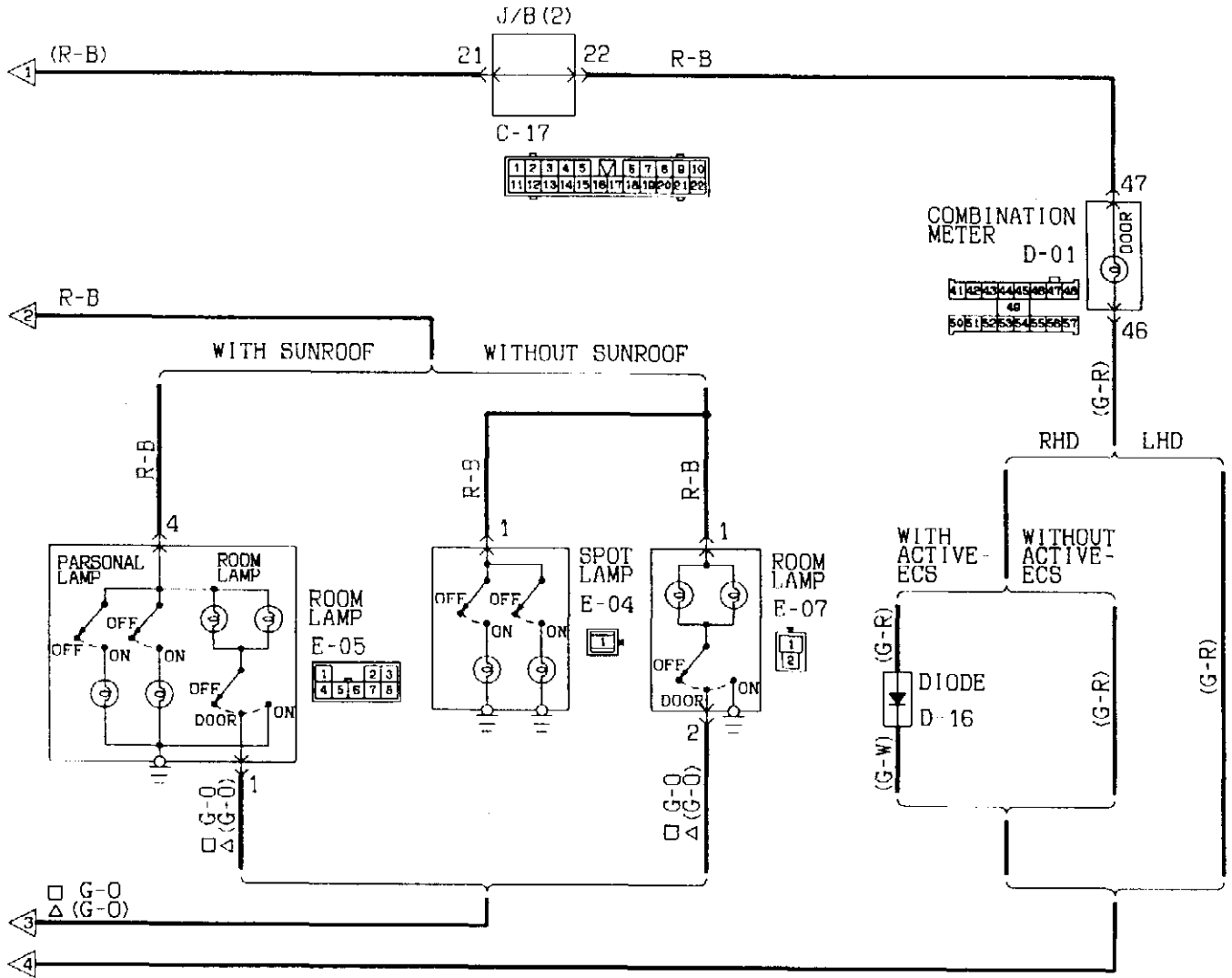
ROOM LAMP  
Vehicles with ETACS



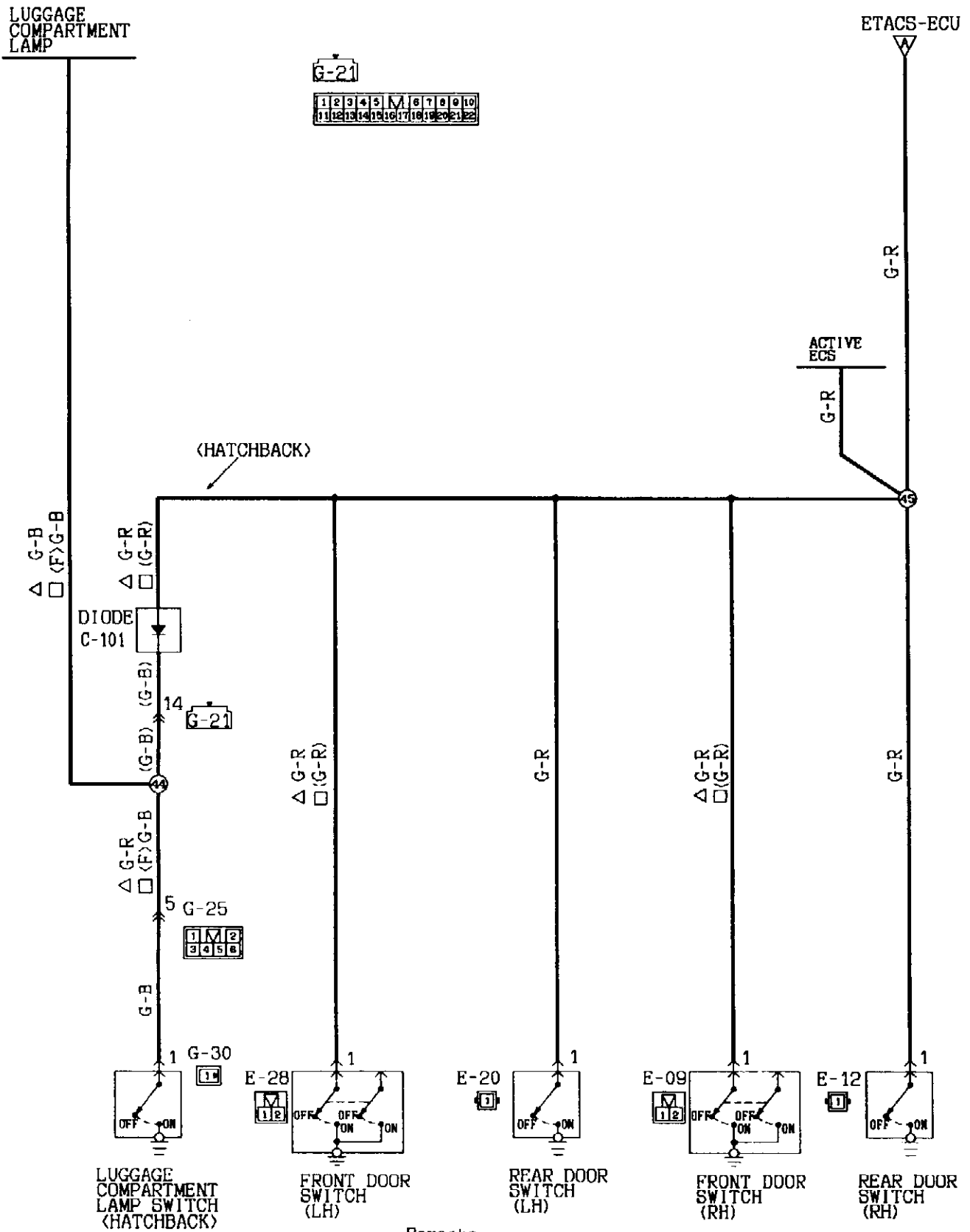
KX35-AC-F0904-EC

Remarks  
(1) □: L. H. drive vehicles.  
(2) △: R. H. drive vehicles.





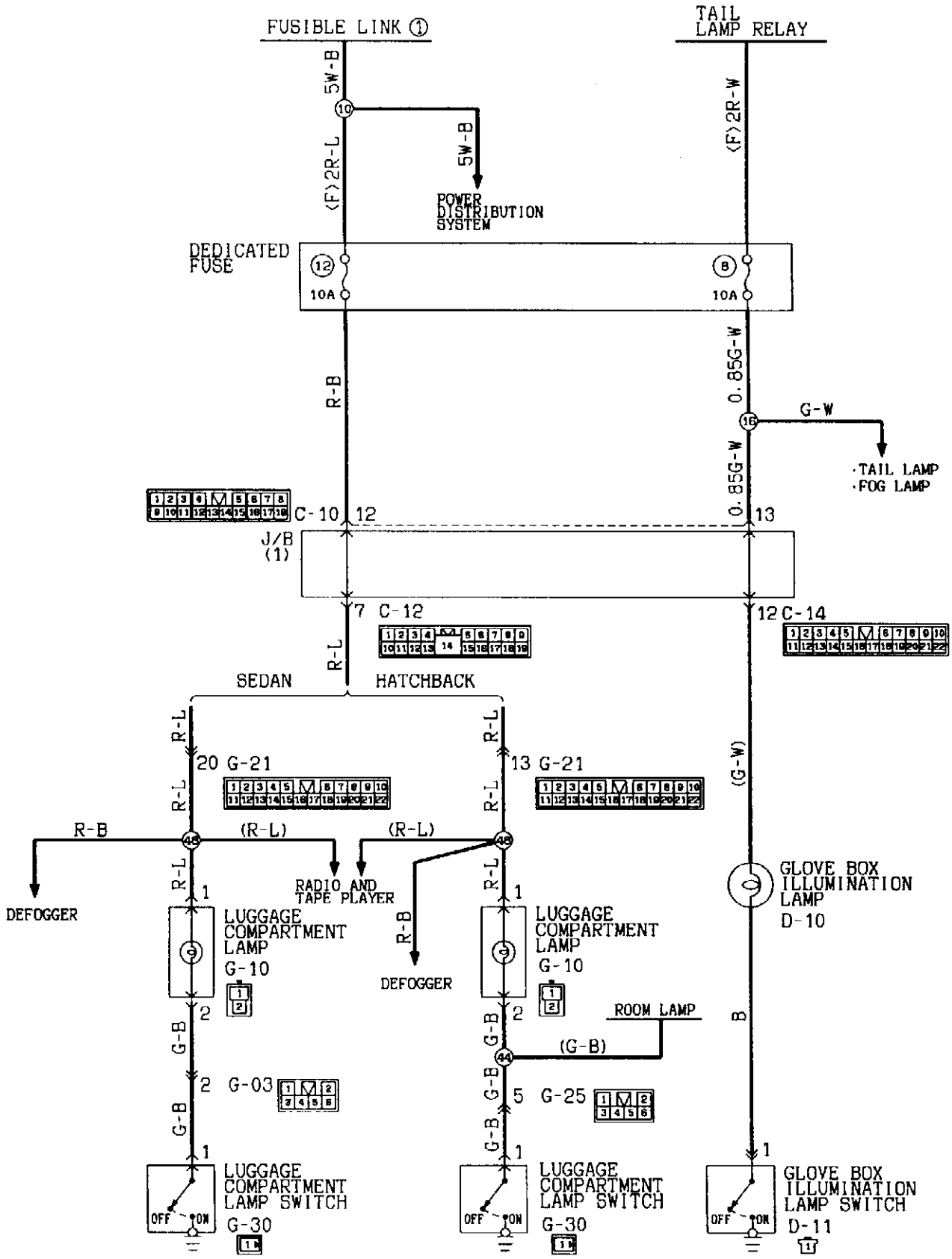
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.

Wire colour code  
 B:Black LG:Light green G:Green L:Blue Y:White Y:Yellow  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet SB:Sky blue

LUGGAGE COMPARTMENT LAMP, GLOVE BOX LAMP



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F0010-E

**LUGGAGE COMPARTMENT LAMP AND GLOVE BOX LAMP (See P. 4-115.)****OPERATION****<Luggage compartment lamp>**

- Battery voltage is being applied at all times to the luggage compartment lamp through the fusible link No. ① and dedicated fuse No. ⑫.
- Opening the luggage compartment lid (or TAIL-GATE) turns ON the luggage compartment lamp switch (or TAILGATE switch) causing the luggage compartment lamp to light up.

**<Glove box lamp>**

- Placing the lighting switch in the TAIL or HEAD position causes the tail lamp relay to be energized.
- When the glove box is opened with the lighting switch in TAIL or HEAD position, the glove box lamp switch turns ON causing the glove box lamp to light up.

**DOOR LAMPS (See P. 4-117, 118.)****OPERATION**

- Battery voltage is normally applied to the door courtesy lamps via fusible link No. ① and dedicated fuse No. ⑫.
- When a door is opened, the door switch turns ON and the door courtesy lamp illuminates.

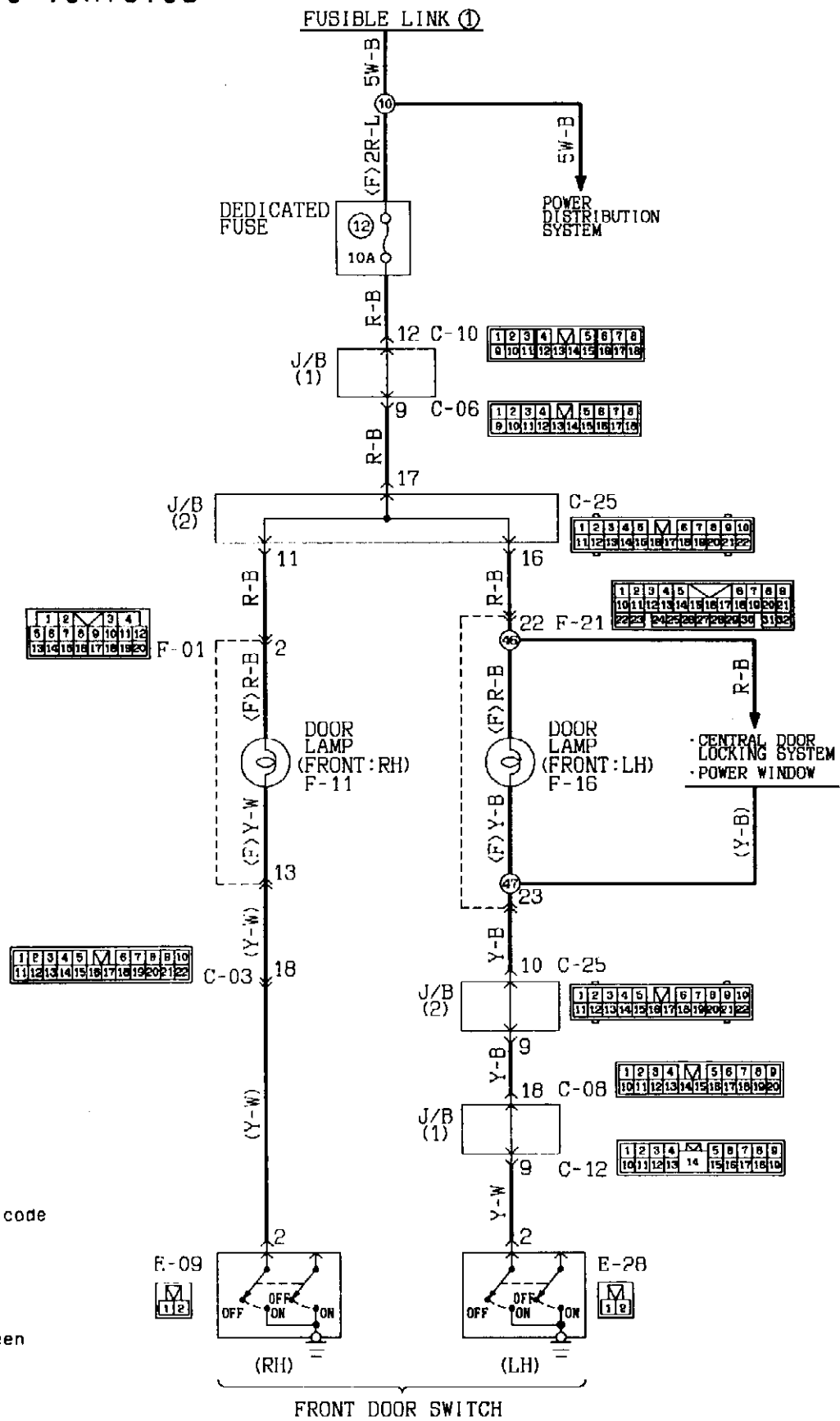
**TROUBLESHOOTING HINTS**

1. Luggage compartment lamp does not come on.
  - 1) Room lamp does not come on, either.
    - Check dedicated fuse No. ⑫.

**TROUBLESHOOTING HINTS**

1. Door courtesy lamp does not illuminate.
  - 1) All door courtesy lamps do not illuminate.
    - Check dedicated fuse No. ⑫.
  - 2) At least one of the door courtesy lamps does not illuminate.
    - Check the lamp bulb.
    - Check the door switch (contact and earth).

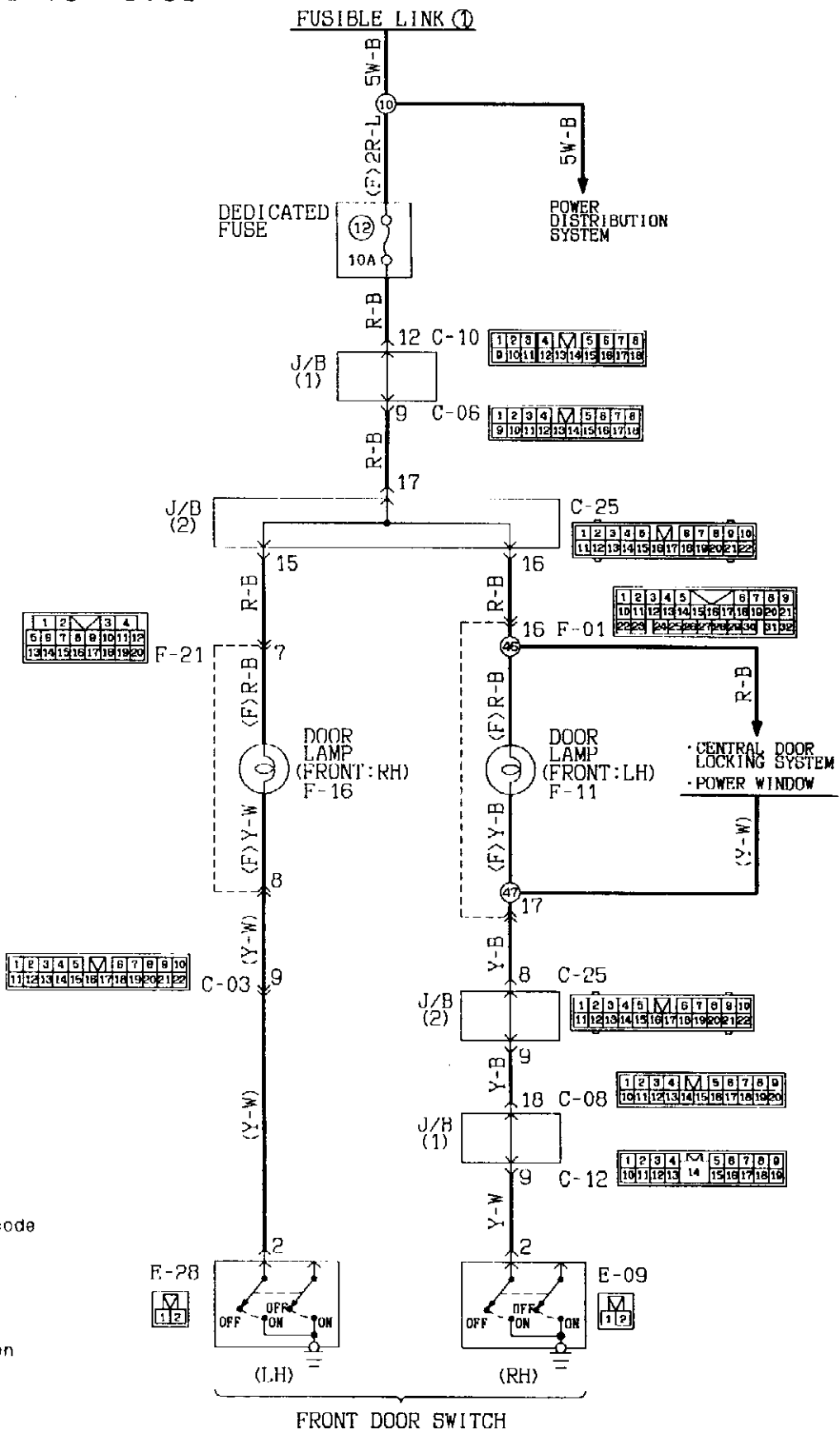
DOOR LAMP  
L.H. drive vehicles



- Wire colour code  
 B: Black  
 BR: Brown  
 G: Green  
 GR: Gray  
 L: Blue  
 V: Violet  
 SB: Sky blue  
 LG: Light green  
 O: Orange  
 P: Pink  
 R: Red  
 Y: Yellow  
 W: White

KX35-AC-F0819-E

DOOR LAMP  
R. H. drive vehicles

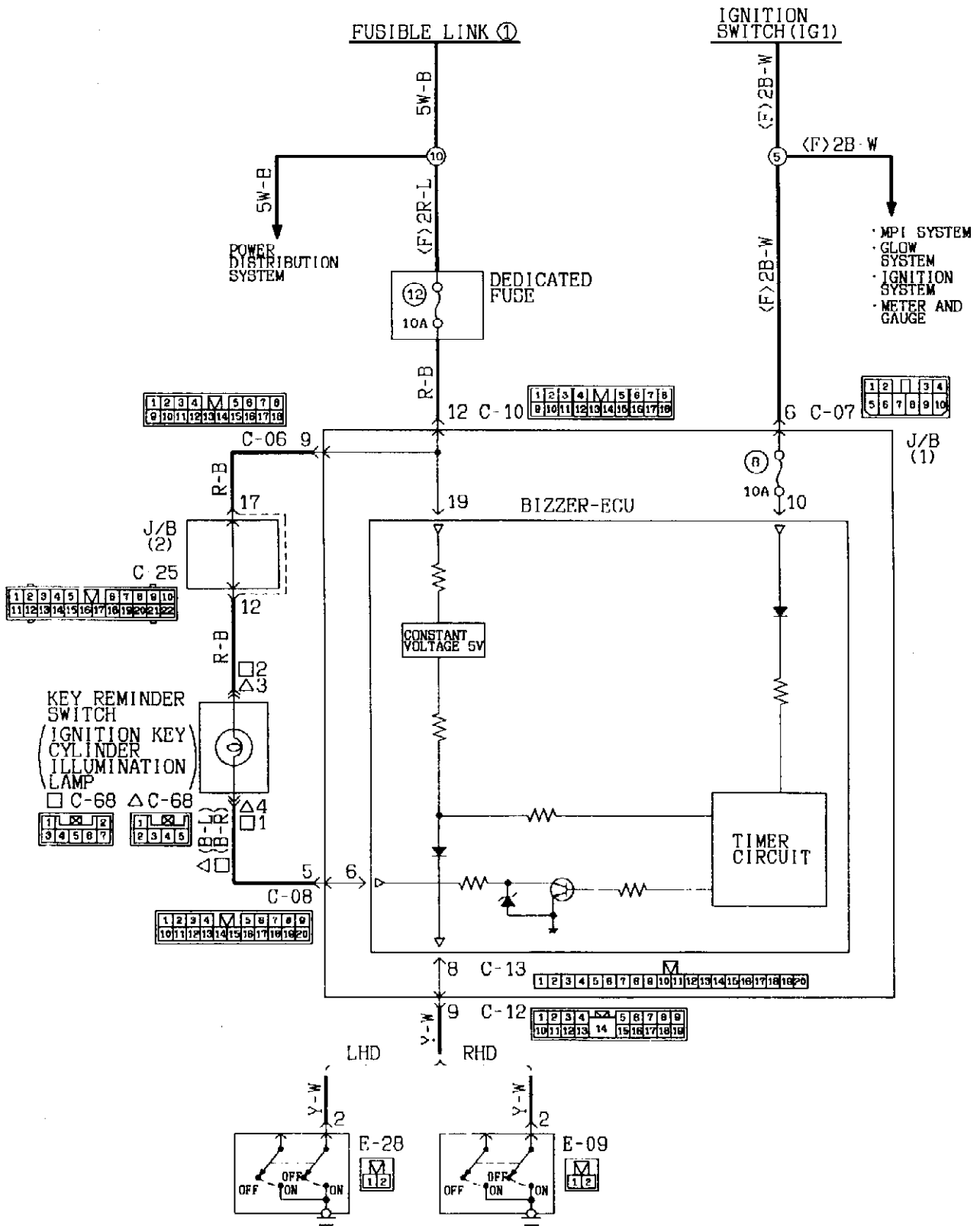


- Wire colour code  
 B: Black  
 BR: Brown  
 G: Green  
 GR: Gray  
 L: Blue  
 V: Violet  
 SB: Sky blue  
 LG: Light green  
 O: Orange  
 P: Pink  
 R: Red  
 Y: Yellow  
 W: White

KX35-AC-F0820-E

# IGNITION KEY CYLINDER ILLUMINATION LAMP

Vehicles without ETACS

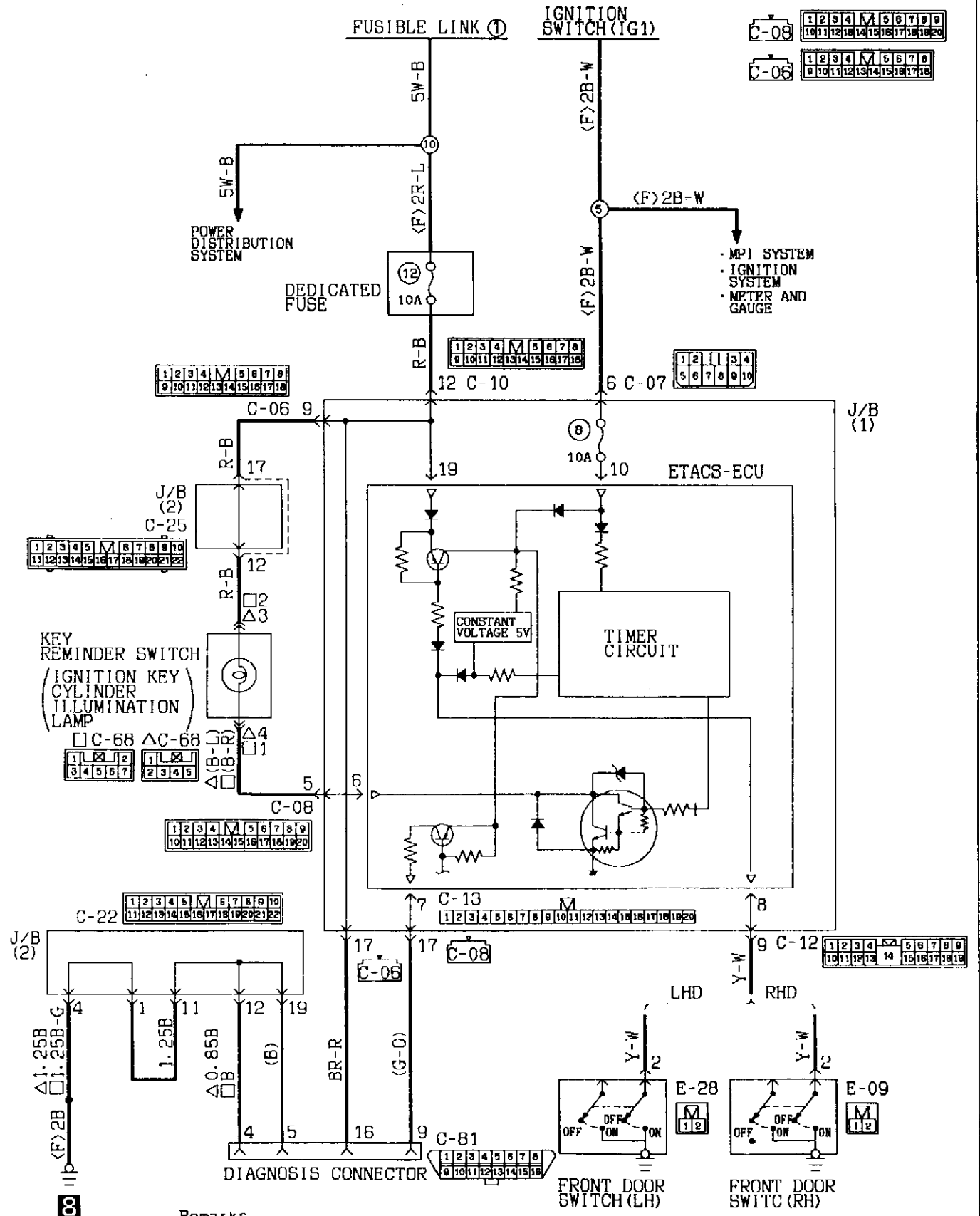


Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) Δ : R. H. drive vehicles.

Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

# IGNITION KEY CYLINDER ILLUMINATION LAMP

Vehicles with ETACS



KX35-AC-F0802-EC



**TURN-SIGNAL LAMP AND HAZARD LAMP (See P. 4-122.)****OPERATION****<Turn-signal lamp>****1. In normal operating condition**

- When the ignition switch is placed in the ON position, battery voltage is applied through the hazard switch to the turn-signal and hazard flasher unit.
- When the turn-signal switch is placed in the LH (or RH) position, Tr<sub>1</sub> in the flasher unit turns ON, causing the relay contacts in the flasher unit to close. This results in the LH (or RH) turn-signal lamp and turn-signal indicator lamp lighting up.
- At the same time, the capacitor is charged through R<sup>2</sup> up to the lower limit as set by COM3.
- As soon as the capacitor is fully charged, the output from COM3 is inverted, turning OFF Tr<sub>1</sub>. This opens the relay contacts and, as a result, the LH (or RH) turn-signal lamp and turn-signal indicator lamp go out.
- At the same time when Tr<sub>1</sub> turns OFF, the capacitor starts discharging. As soon as the capacitor completes discharging, the COM3 output is inverted again causing Tr<sub>1</sub> to turn ON. This results in the LH (or RH) turn-signal lamp and turn-signal indicator lamp coming on.
- These sequences of operation repeat, which results in the LH (or RH) turn-signal lamp and turn-signal indicator lamp flashing off and on.

**2. When one bulb is burnt**

- When either one of the turn-signal lamp bulbs goes out, it causes the resistance of the entire lamp circuit to increase; hence a smaller voltage drop at R1 in the flasher unit.
- This smaller voltage drop is sensed and the lower voltage limit set by COM3 is raised, thus shortening the time required by the capacitor before it is fully charged.
- As a result, the on-off cycle of Tr<sub>1</sub> becomes shorter with the resultant greater number of times the lamp flashes on and off.

**<Hazard lamp>**

- When the hazard switch is placed in the ON position, the flasher unit relay contacts repeatedly close and open, which results in the LH and RH turn-signal lamps, turn-signal indicator lamps, and hazard warning indicator lamps flashing on and off at the same time.

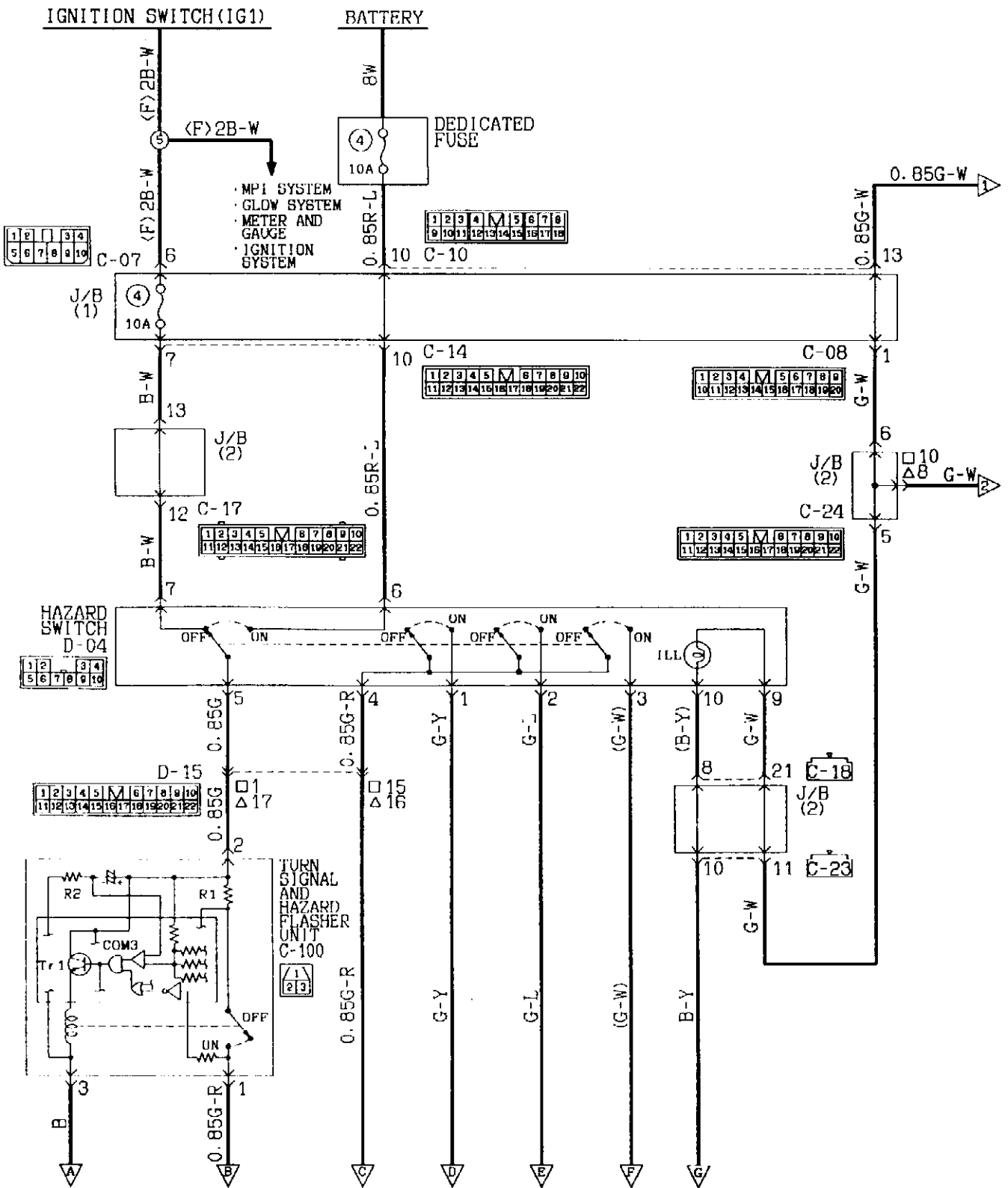
**Remarks**

- The number of times the hazard lamps flash on and off does not change even when one bulb is out.

**TROUBLESHOOTING HINTS**

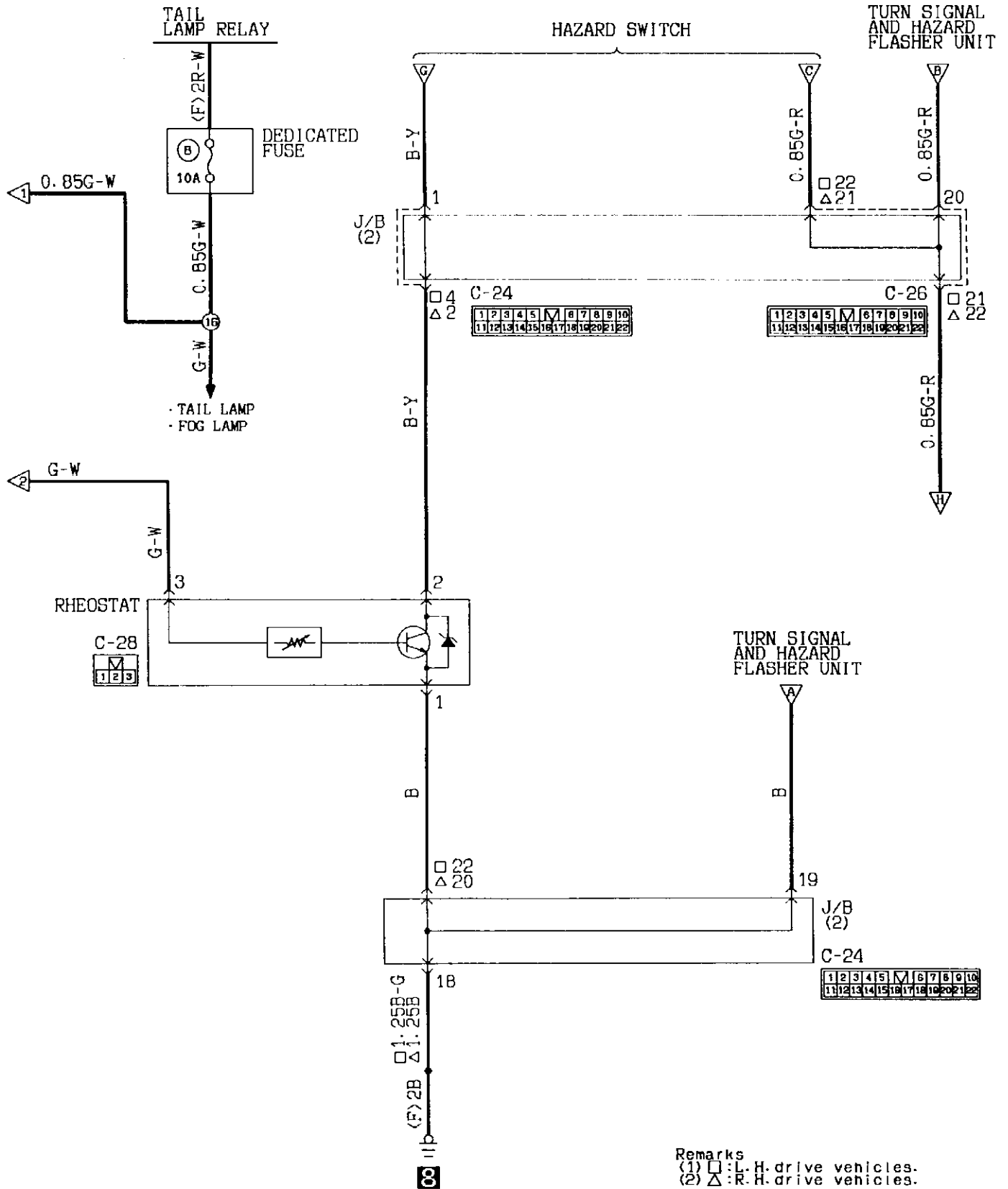
1. Neither the turn-signal lamps nor hazard lamps operate.
  - Check hazard switch contacts (on power source end).
  - Check flasher unit.
2. All LH or RH turn-signal lamps do not operate.
  - 1) Hazard lamp is fully operational.
    - Check hazard switch contacts (on turn-signal end).
    - Check turn-signal switch.
3. Flashing cycle of turn signal lamps is shorter.
  - Check bulb.
4. Hazard lamp does not operate.
  - 1) Turn-signal lamps are operational.
    - Check hazard switch contacts (on hazard lamp end).

TURN-SIGNAL LAMP AND HAZARD LAMP

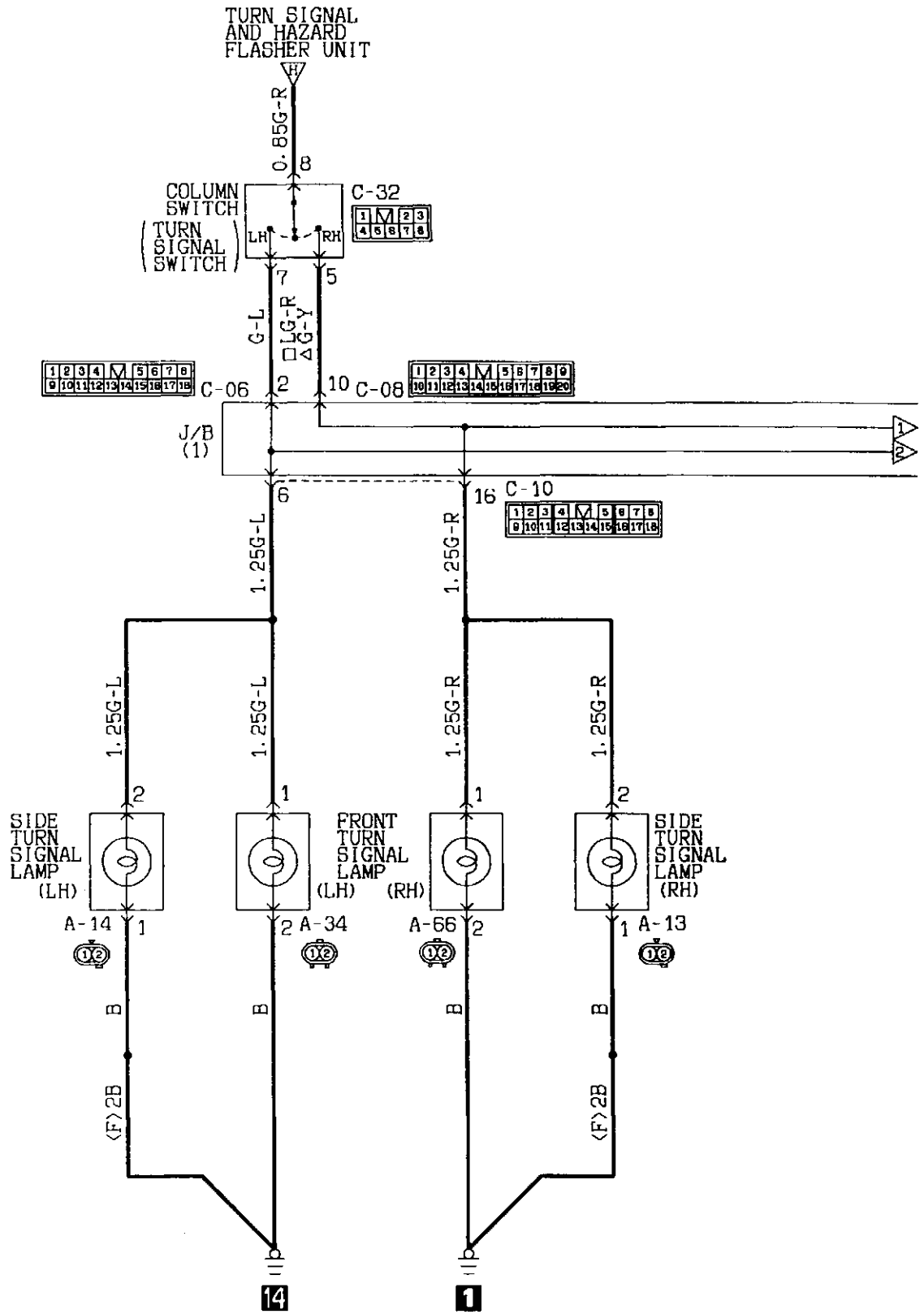


KX35-AC-F002-EC

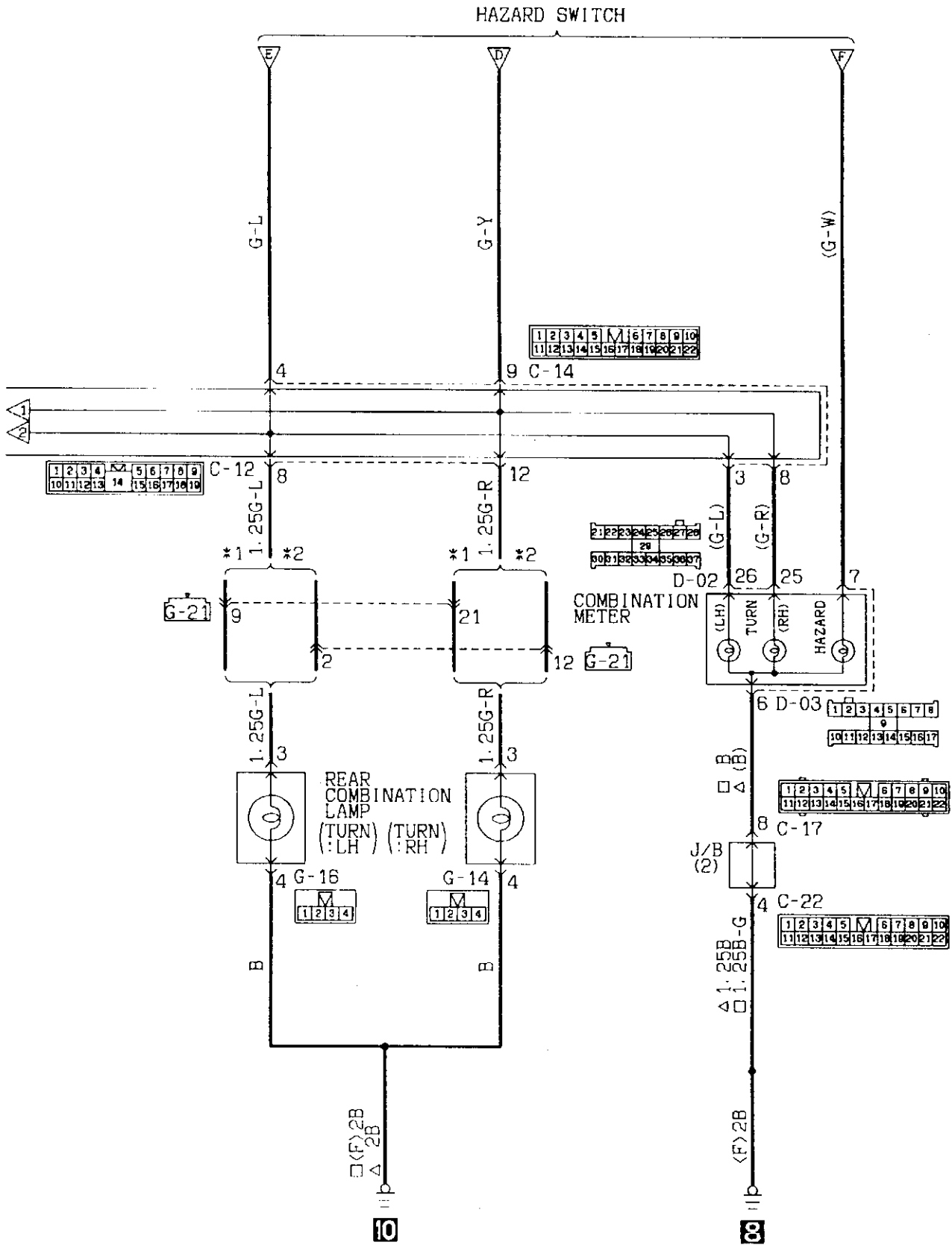




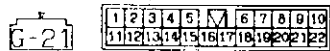
TURN-SIGNAL AND HAZARD LAMP (CONTINUED)



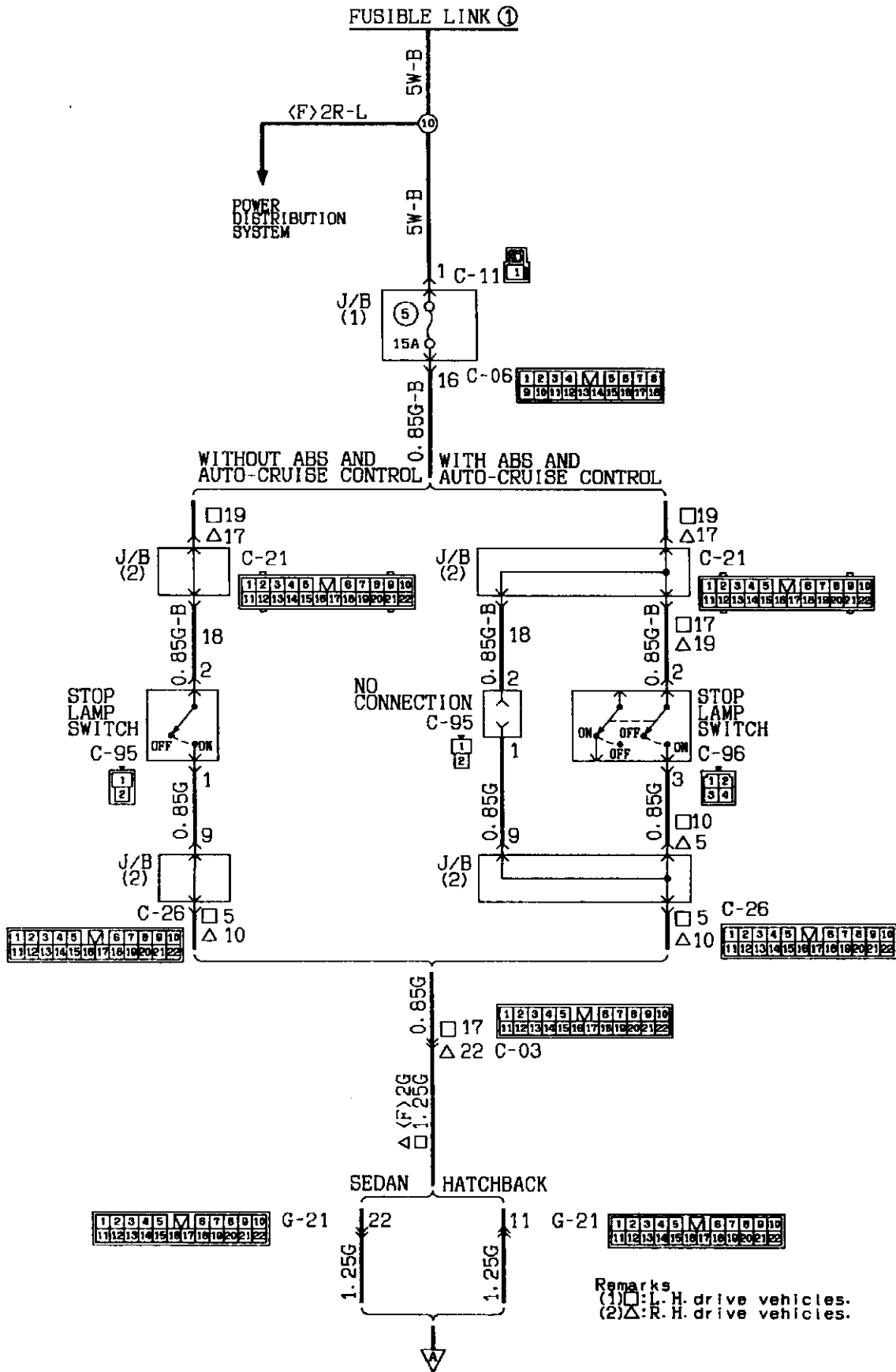
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



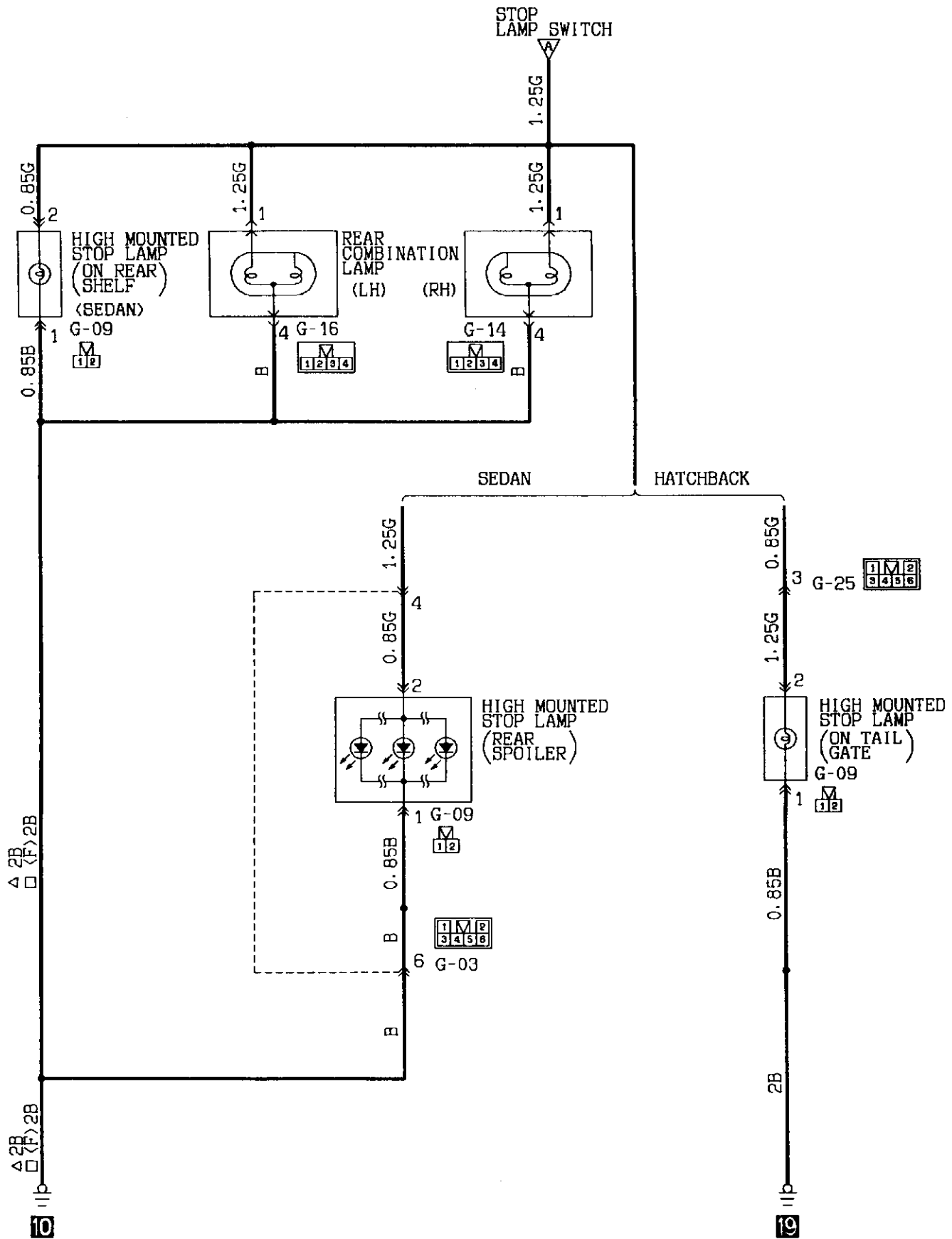
Remarks  
 (1) \*1: SEDAN.  
 (2) \*2: HATCHBACK.  
 (3) □: L. H. drive vehicles.  
 (4) Δ: R. H. drive vehicles.



STOP LAMP



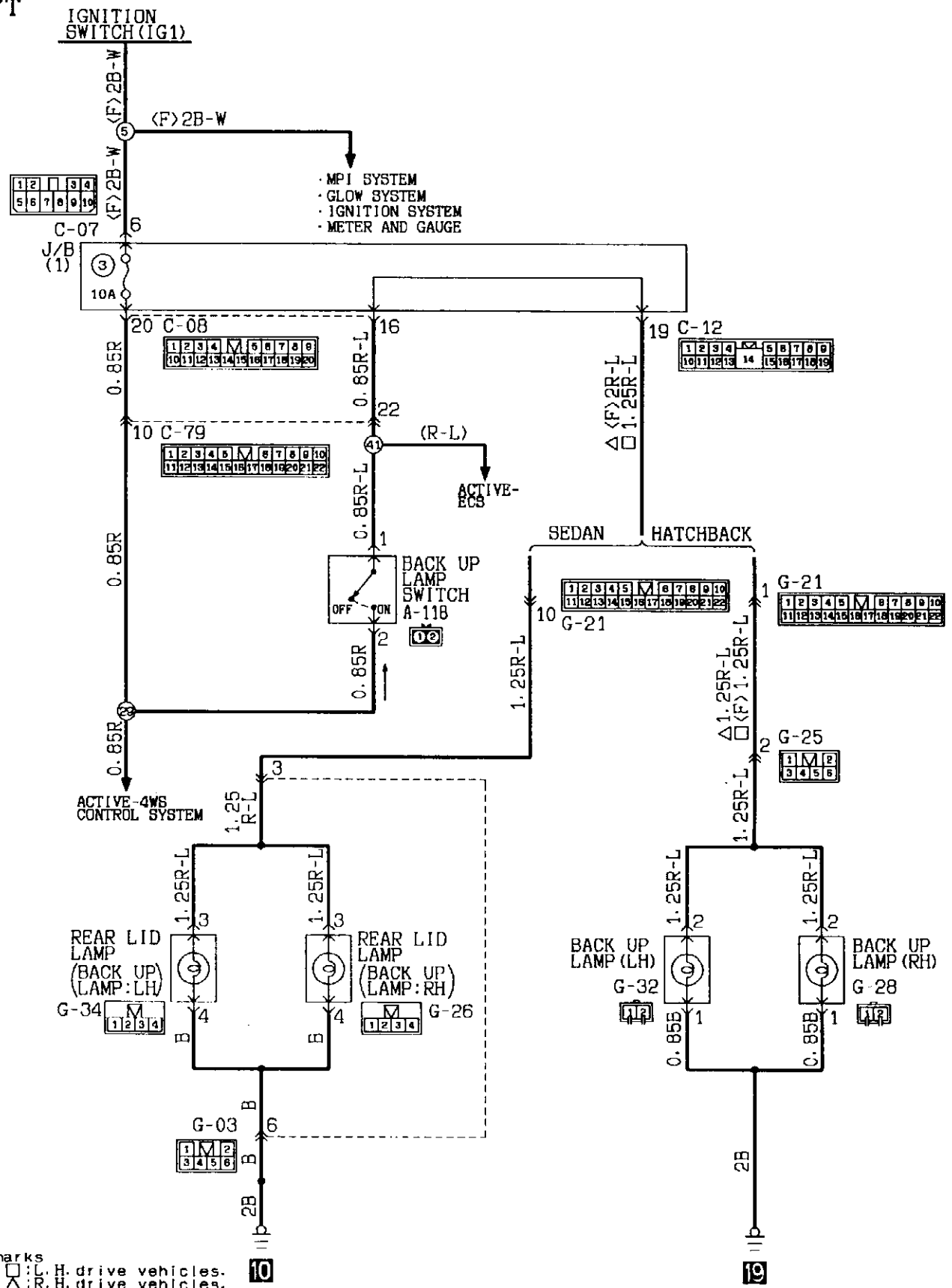
KX35-AC-F0901-EC



Wire colour code  
 B:Black    LG:Light green    G:Green    L:Blue    W:White    Y:Yellow    SB:Sky blue  
 BR:Brown    O:Orange    GR:Gray    R:Red    P:Pink    V:Violet

# BACK-UP LAMP

M/T



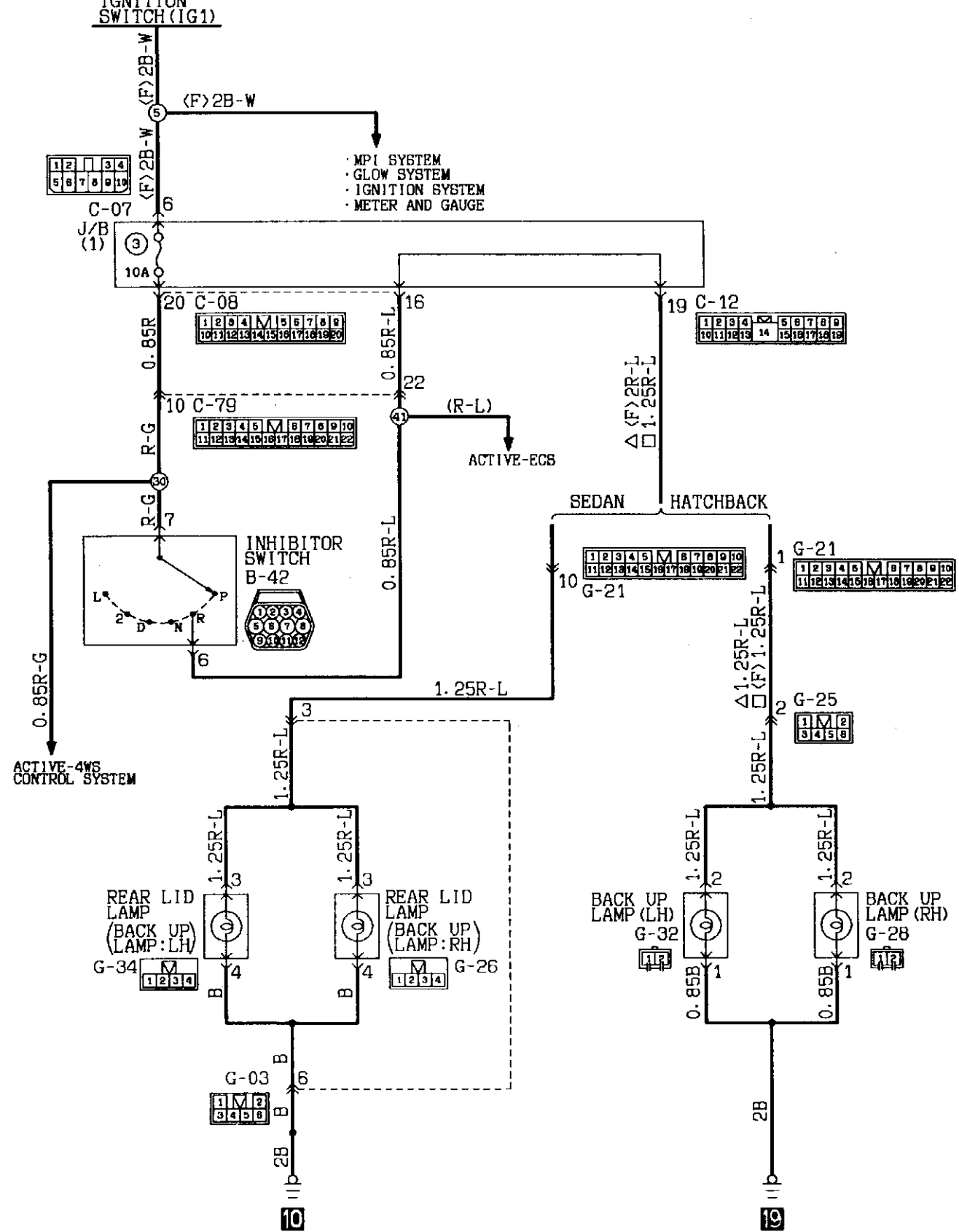
Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.

Wire colour code

KX35-AC-F0903-EC B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



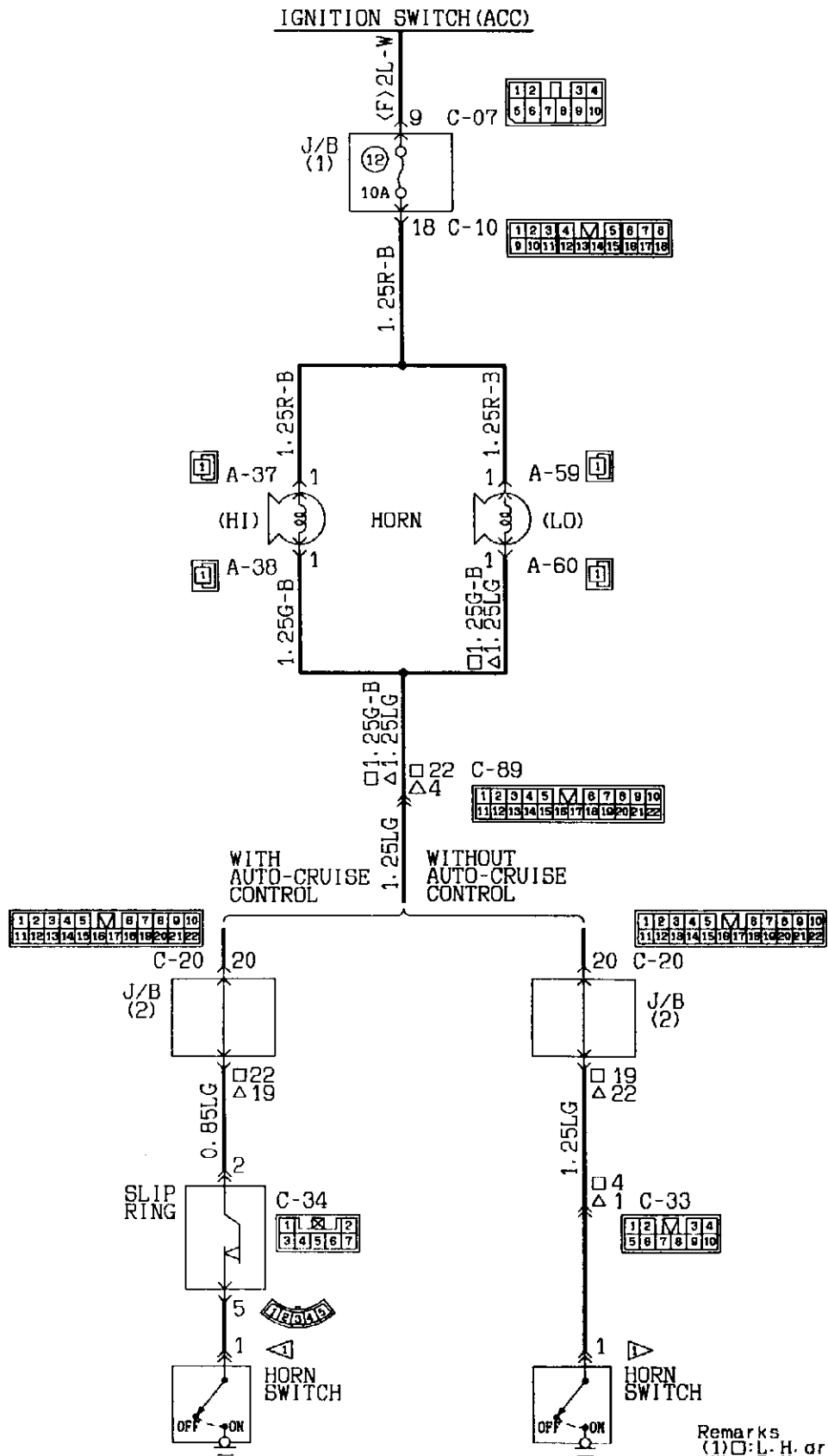
# BACK-UP LAMP A/T



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

HORN

Vehicles without SRS

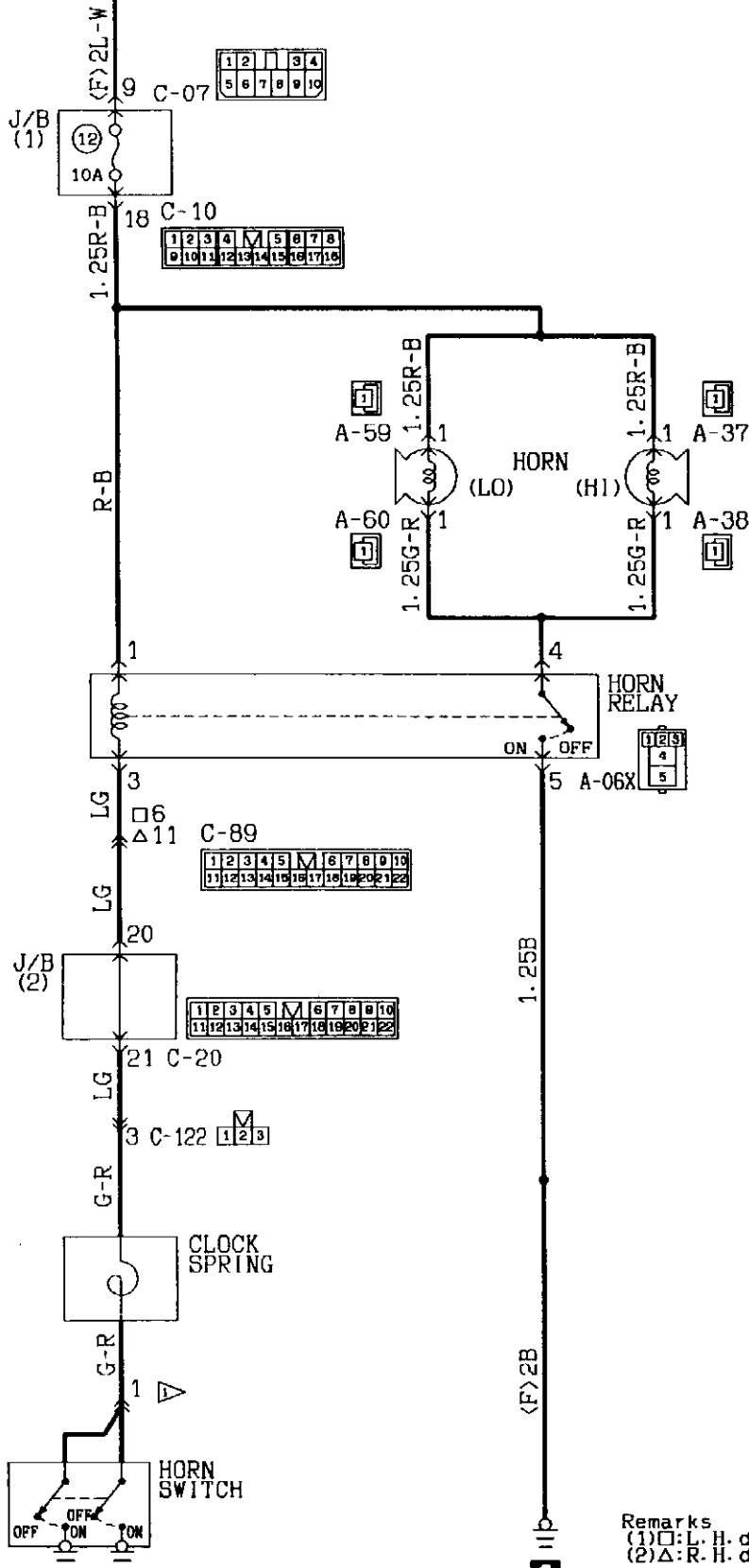


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

Remarks  
 (1)□:L.H. drive Vehicles.  
 (2)△:R.H. drive Vehicles.

**HORN**  
Vehicles with SRS

IGNITION SWITCH (ACC)



Remarks  
(1) □: L. H. drive Vehicles.  
(2) Δ: R. H. drive Vehicles.

Wire colour code  
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F0908-E

**HORN (See P. 4-130, 131.)****OPERATION**

- When the ignition switch is turned to the ACC position, voltage is applied to the horn via multi-purpose fuse No. ⑫.
- When the horn switch is turned ON, the horn relay also turns ON and the horn sounds.

**METER AND GAUGE (See P. 4-133, 137.)****OPERATION****<Fuel gauge>**

- When the ignition switch is at the "ON" position, the fuel gauge is activated.
- When there is much fuel, the unit's resistance is small and the current flowing in the circuit is great, so the gauge's indicator indicates in the "F" area.
- When there is little fuel, the unit's resistance is high and the current flowing in the circuit is small, so the gauge's indicator indicates in the "E" area.

**Remark**

- Since the fuel gauge is a needle holding type, the reading of the needle will be kept as it is even if the ignition switch is turned off.

**<Engine coolant temperature gauge>**

- When the ignition switch is at the "ON" position, the engine coolant temperature gauge is activated.
- When the engine coolant temperature is high, the unit's resistance is low and there is a great flow of current in the circuit, so the gauge's indicator indicates in the "H" area.
- When the engine coolant temperature is low, the unit's resistance is high and there is a small flow of current in the circuit, so the gauge's indicator indicates in the "C" area.

**TROUBLESHOOTING HINTS**

1. Horn dose not sound.
  - Check multi-purpose fuse No. ⑫.
  - Check the horn relay.
  - Check the horn switch.
  - Check the horn.

**TROUBLESHOOTING HINTS**

1. Fuel gauge does not operate, or registers incorrectly.

**<Diesel-powered vehicles>**

- 1) When the fuel gauge unit connector is disconnected and terminal (3) is earthed, the gauge indicates in the F area.
  - Check the fuel gauge unit.

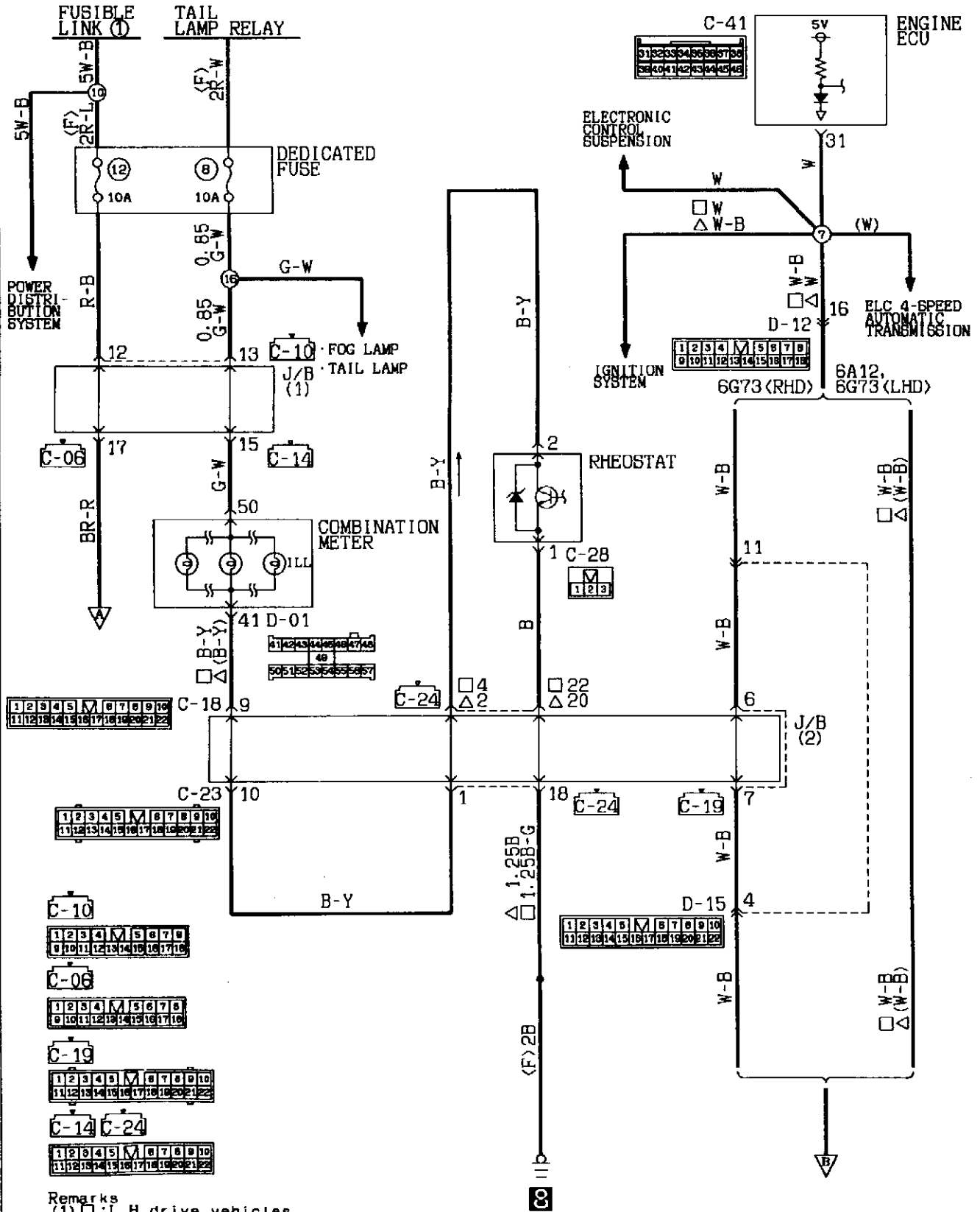
**<2WD-MPI>**

- 1) When the fuel gauge unit connector disconnected and terminal (5) is earthed, the gauge indicates in the F area.
  - Check the fuel gauge unit.

**<4WD>**

- 1) When the fuel gauge unit connector is disconnected and terminal (2) is earthed, the gauge indicates in the F area.
  - Check the fuel gauge unit.
2. Engine coolant temperature gauge dose not operate, or registers incorrectly.
  - 1) When the engine coolant temperature gauge unit connector is disconnected and terminal (1) is earthed, the gauge indicates in the H area.
    - Check the engine coolant temperature gauge unit.

METER AND GAUGE  
Petrol-powered vehicles

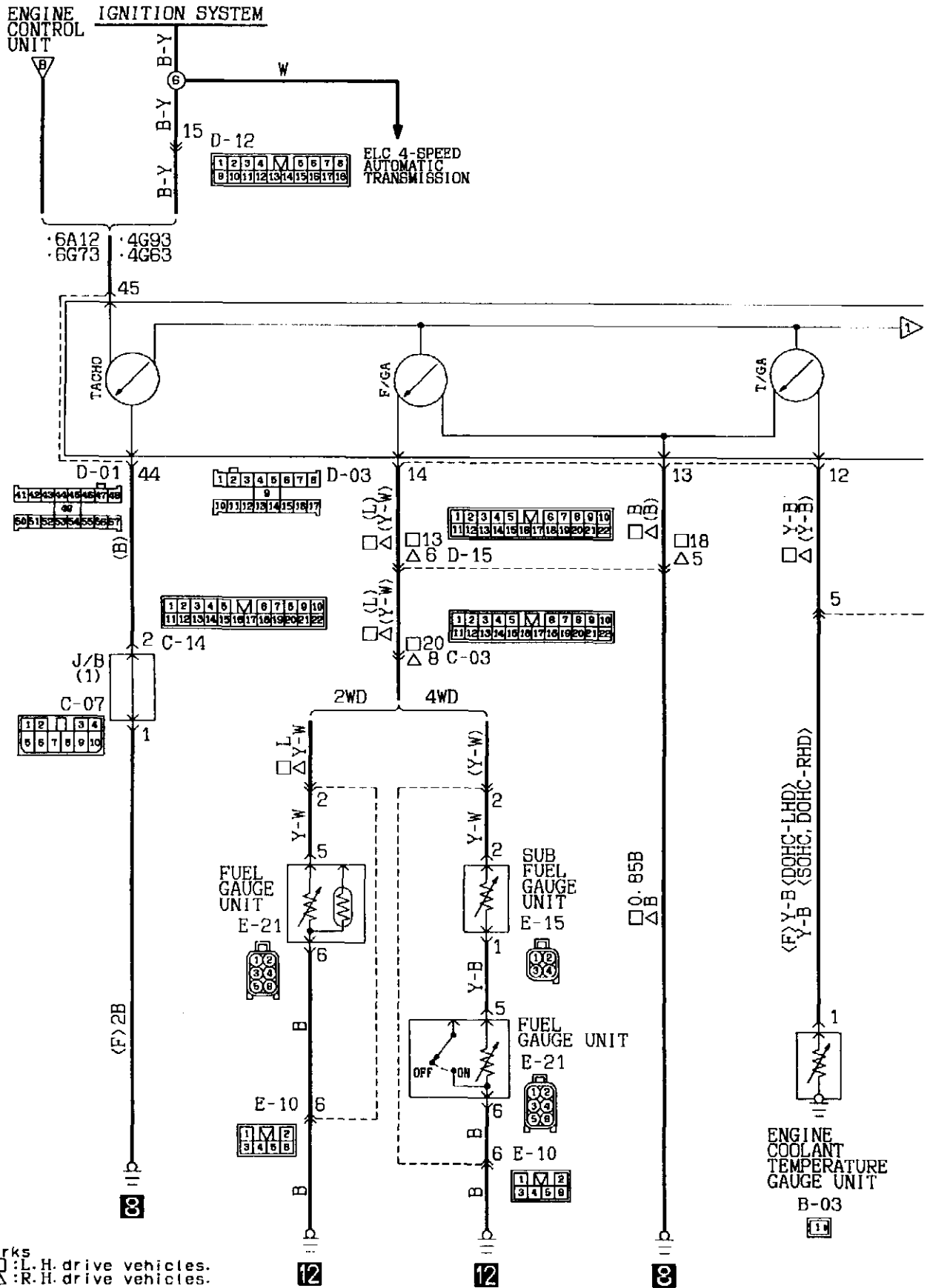


Remarks  
(1) □ : L. H. drive vehicles.  
(2) △ : R. H. drive vehicles.

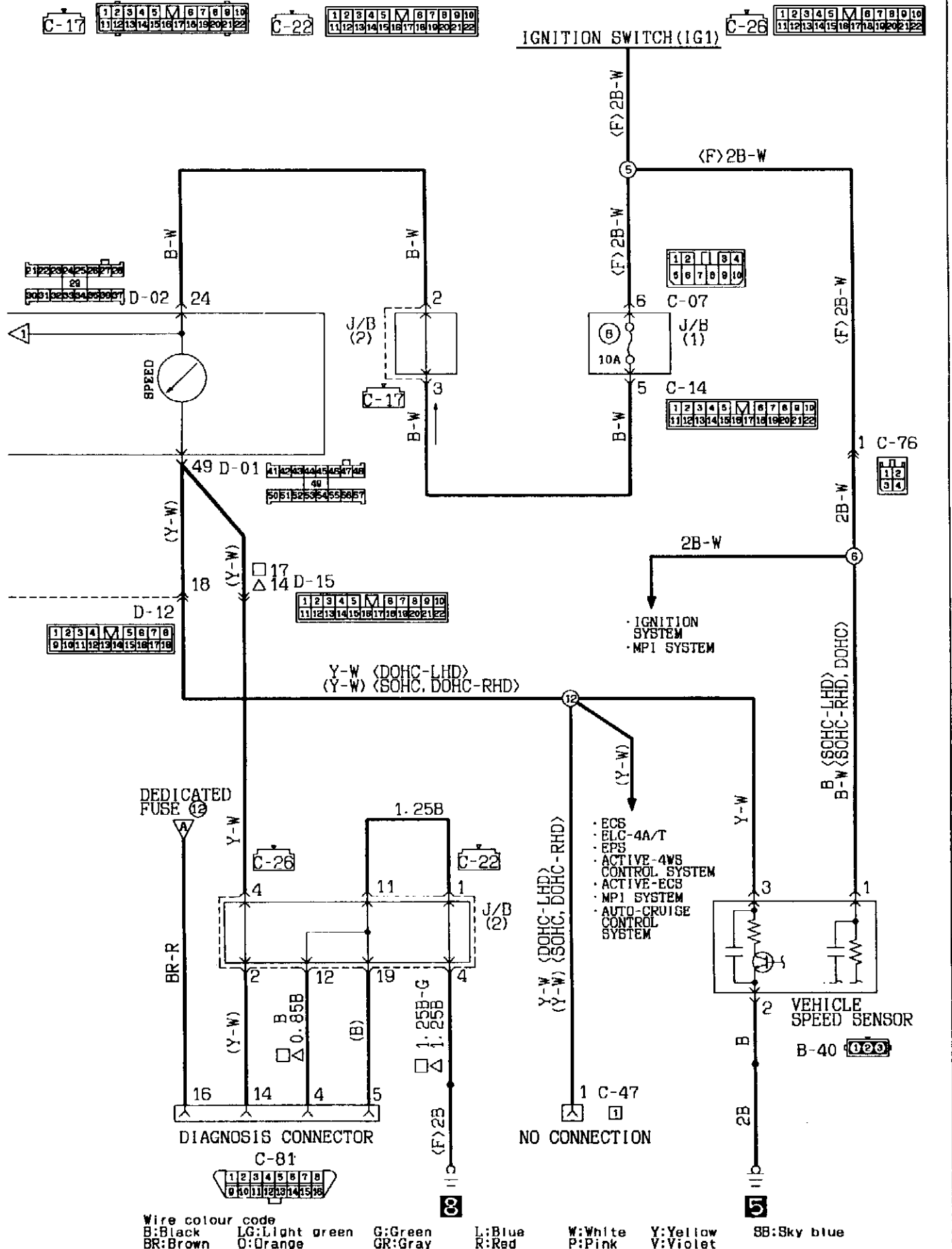
Wire colour code  
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F1001-EC

METER AND GAUGE (Petrol-powered vehicles) (CONTINUED)



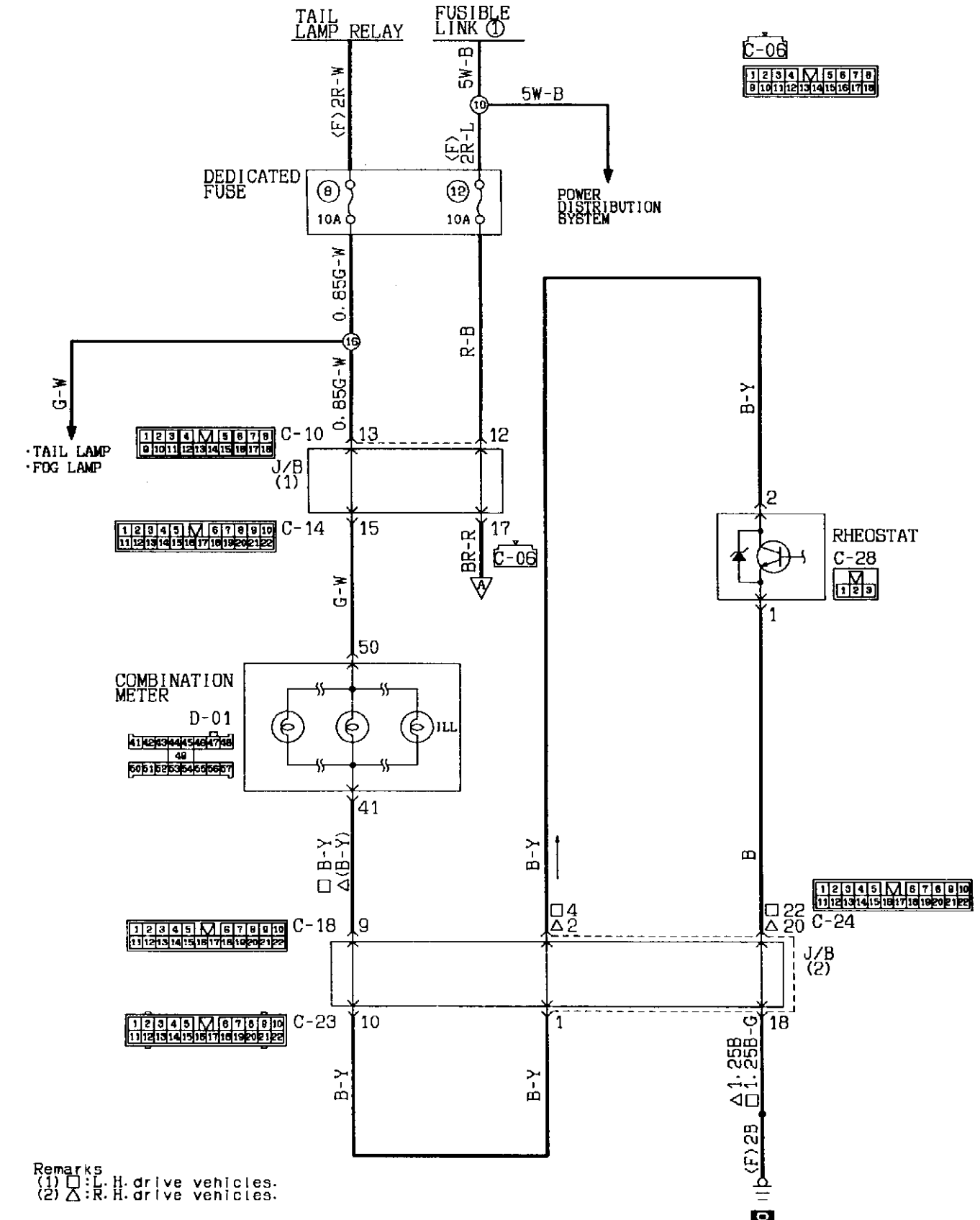
Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.



**NOTES**



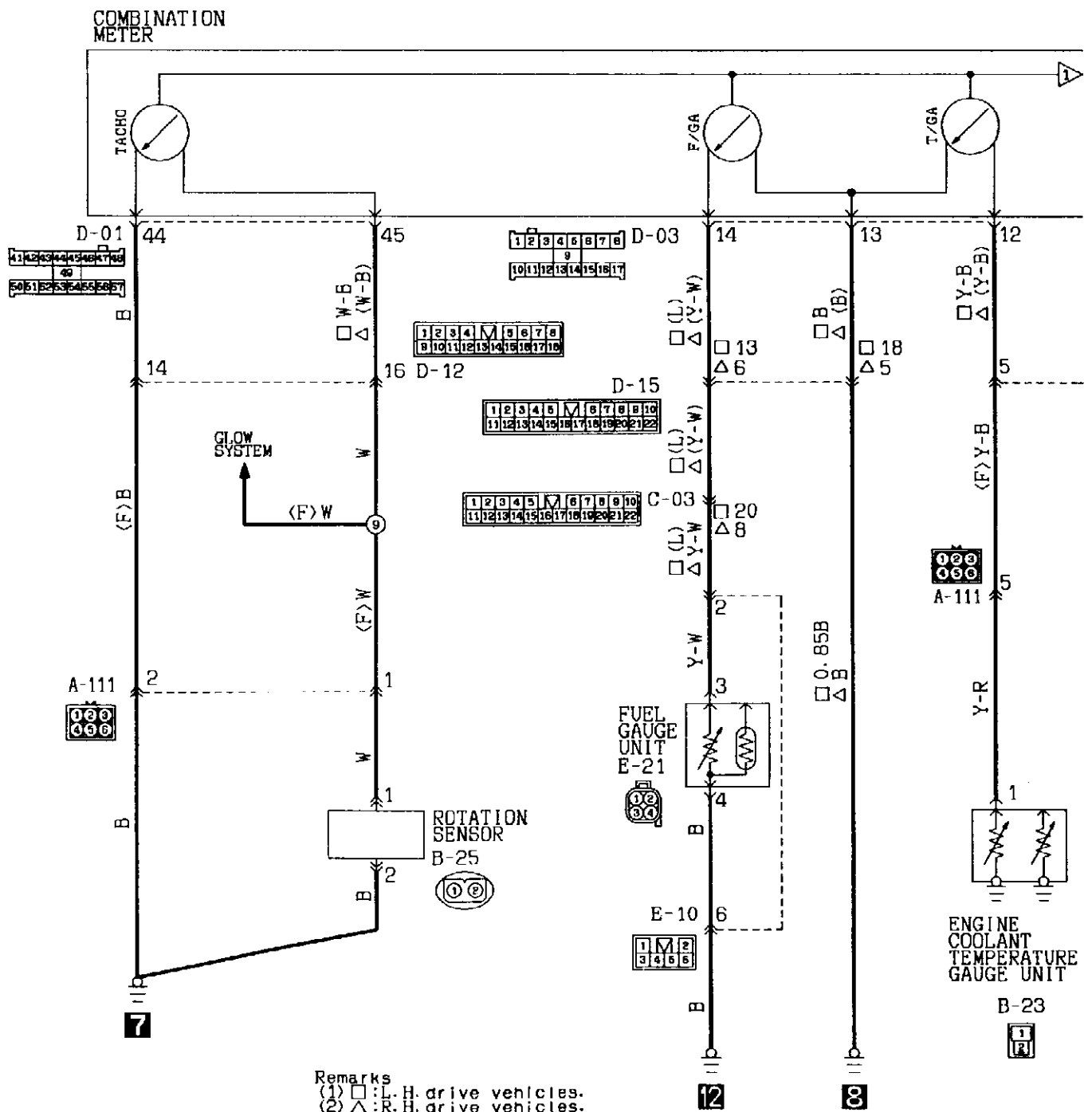
METER AND GAUGE  
Diesel-powered vehicles



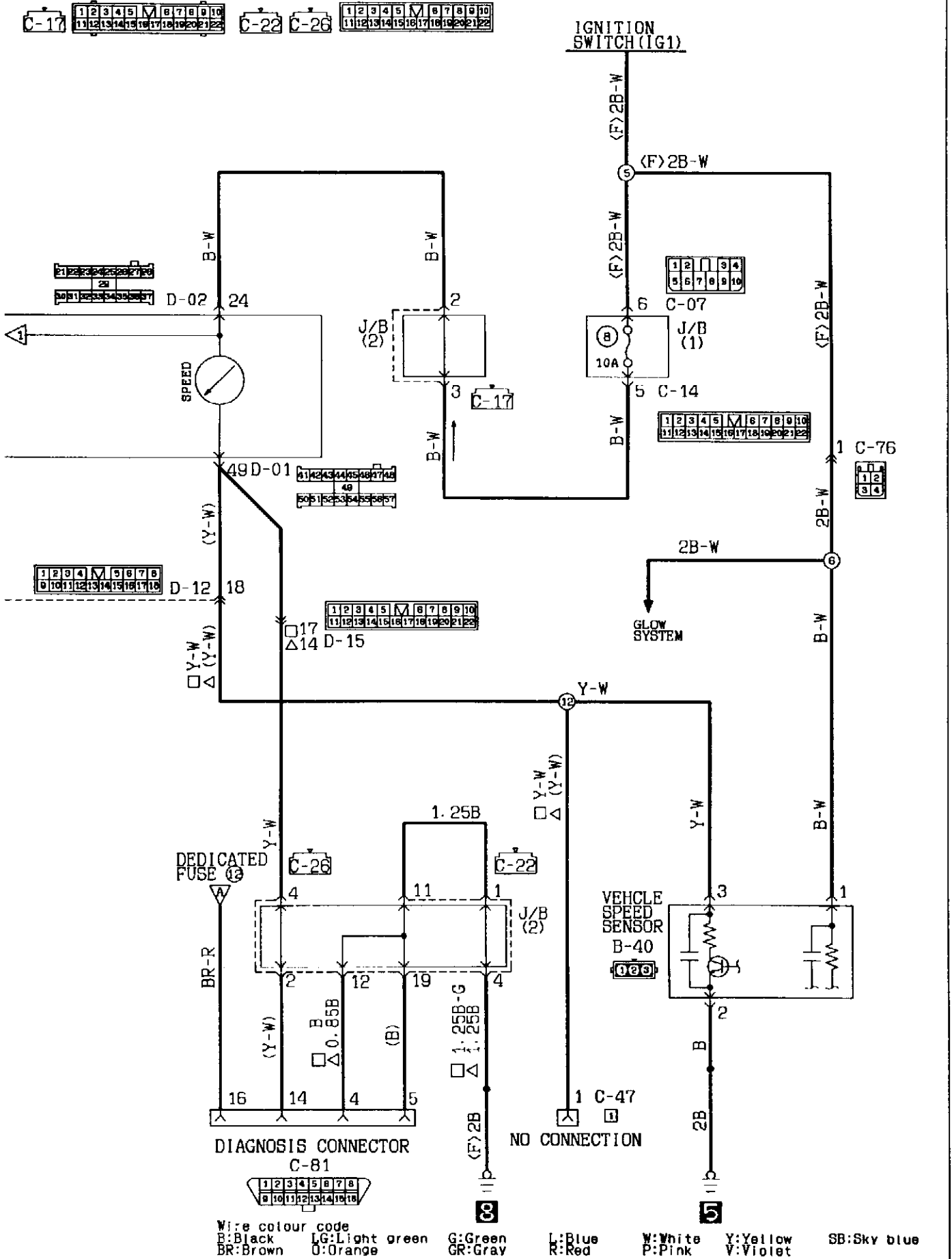
Remarks  
(1) □: L. H. drive vehicles.  
(2) Δ: R. H. drive vehicles.

Wire colour code  
 B: Black    LG: Light green    G: Green    L: Blue    W: White    Y: Yellow  
 BR: Brown    O: Orange    GR: Gray    R: Red    P: Pink    V: Violet    SB: Sky blue

METER AND GAUGE (Diesel-powered vehicles) (CONTINUED)

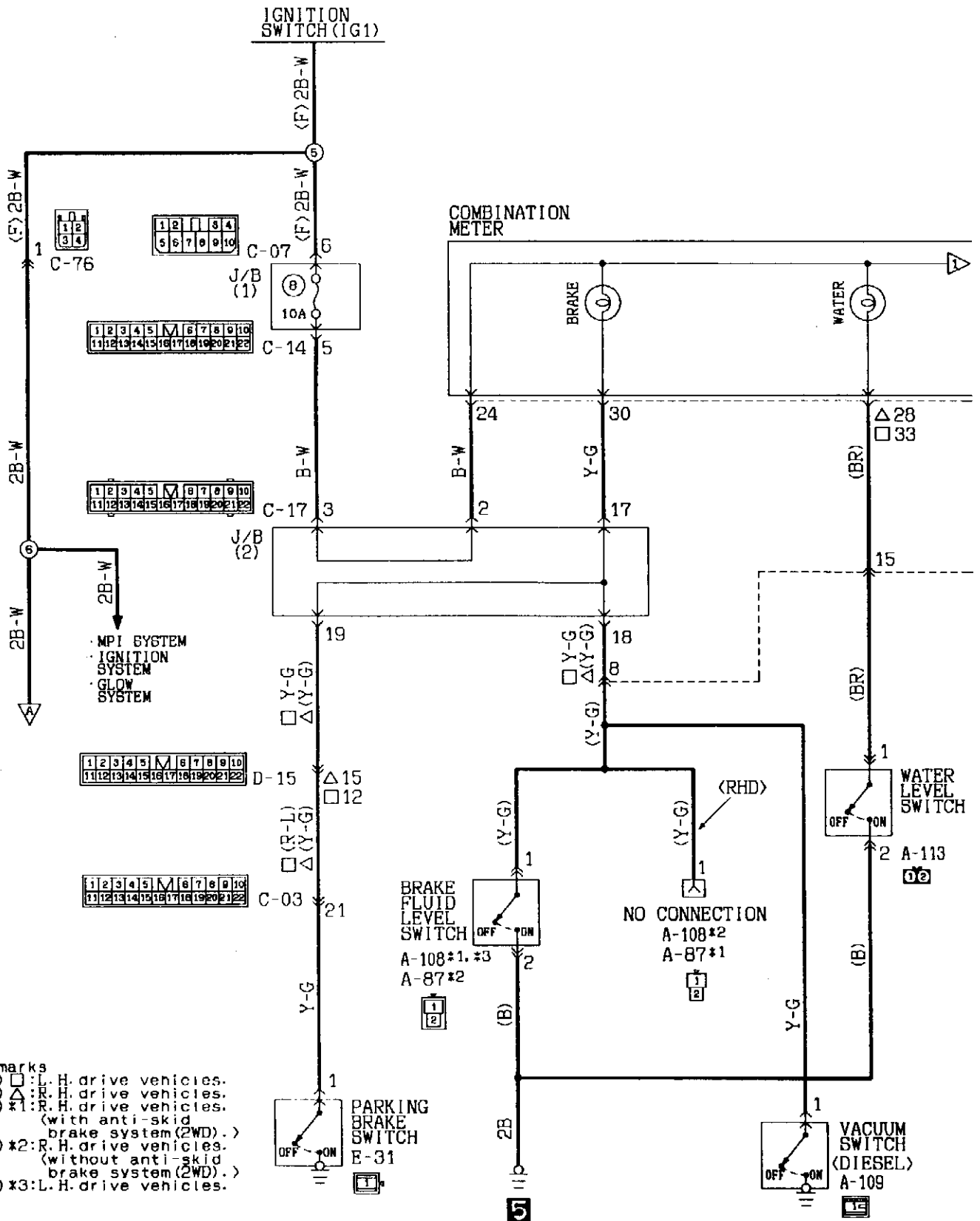


KX35-AC-F1002A-EC



BRAKE WARNING LAMP

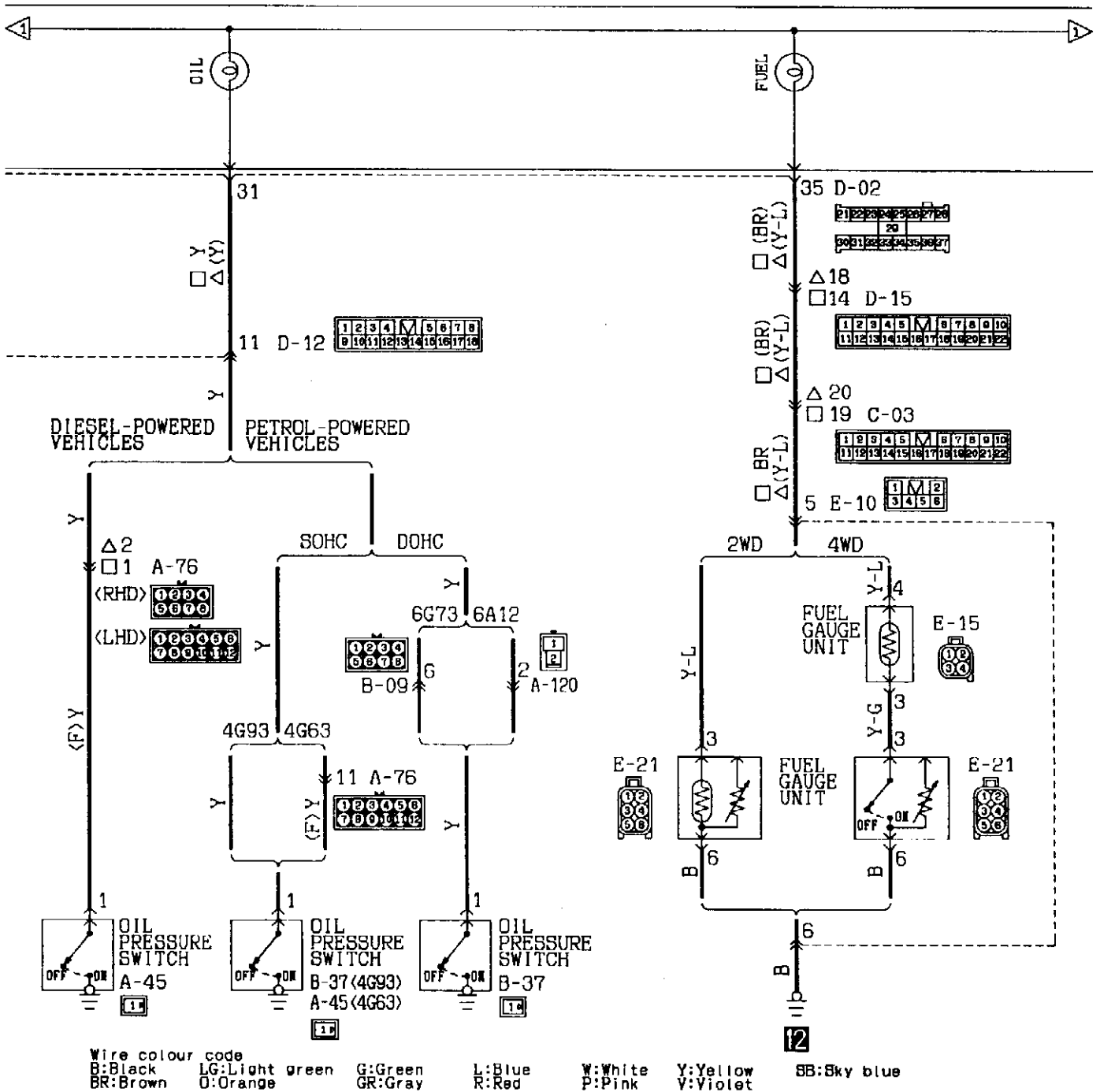
FUEL FILTER WARNING LAMP  
<4D68>



KK35-AC-F1003-EC

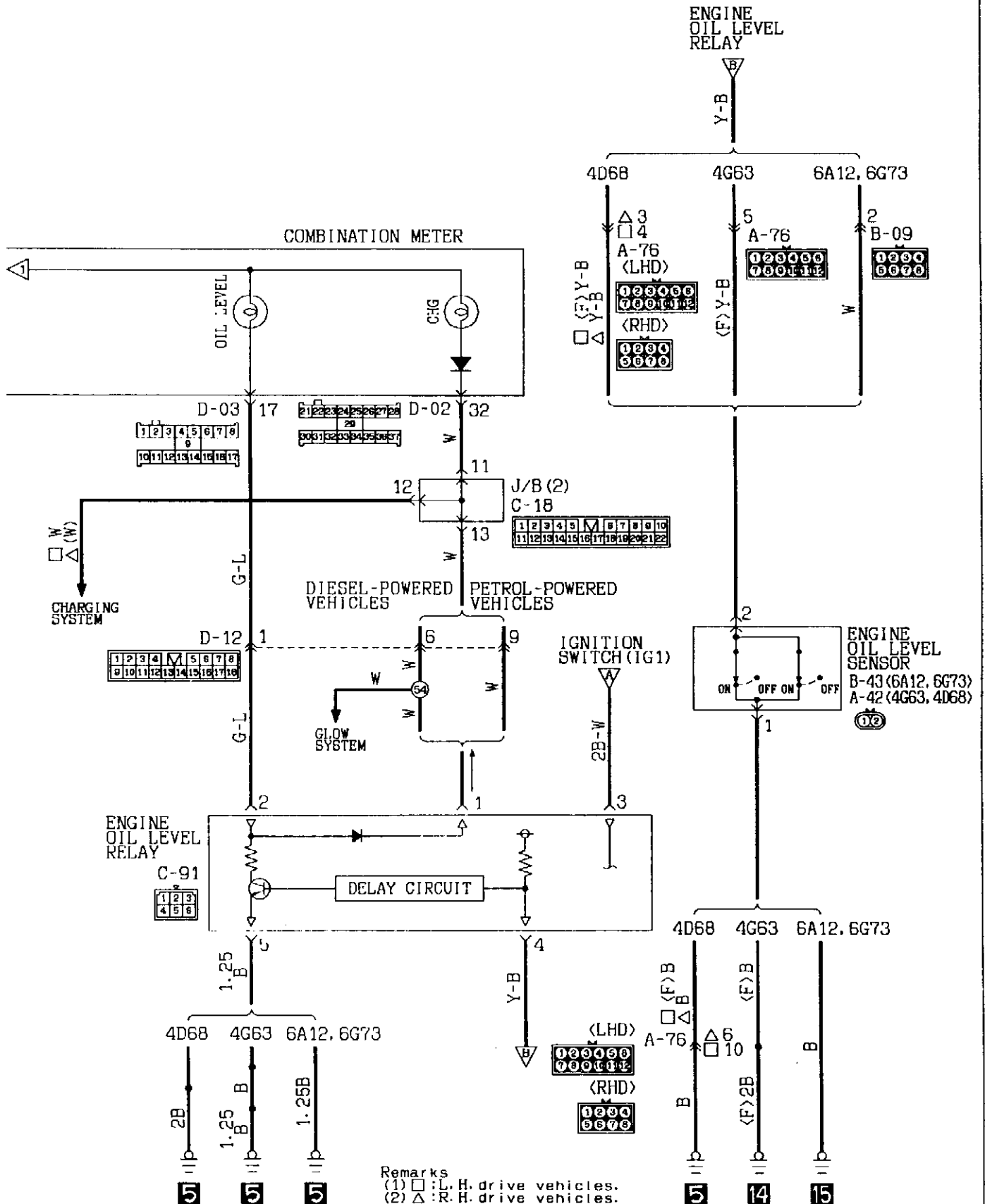
OIL PRESSURE WARNING LAMP

FUEL WARNING LAMP



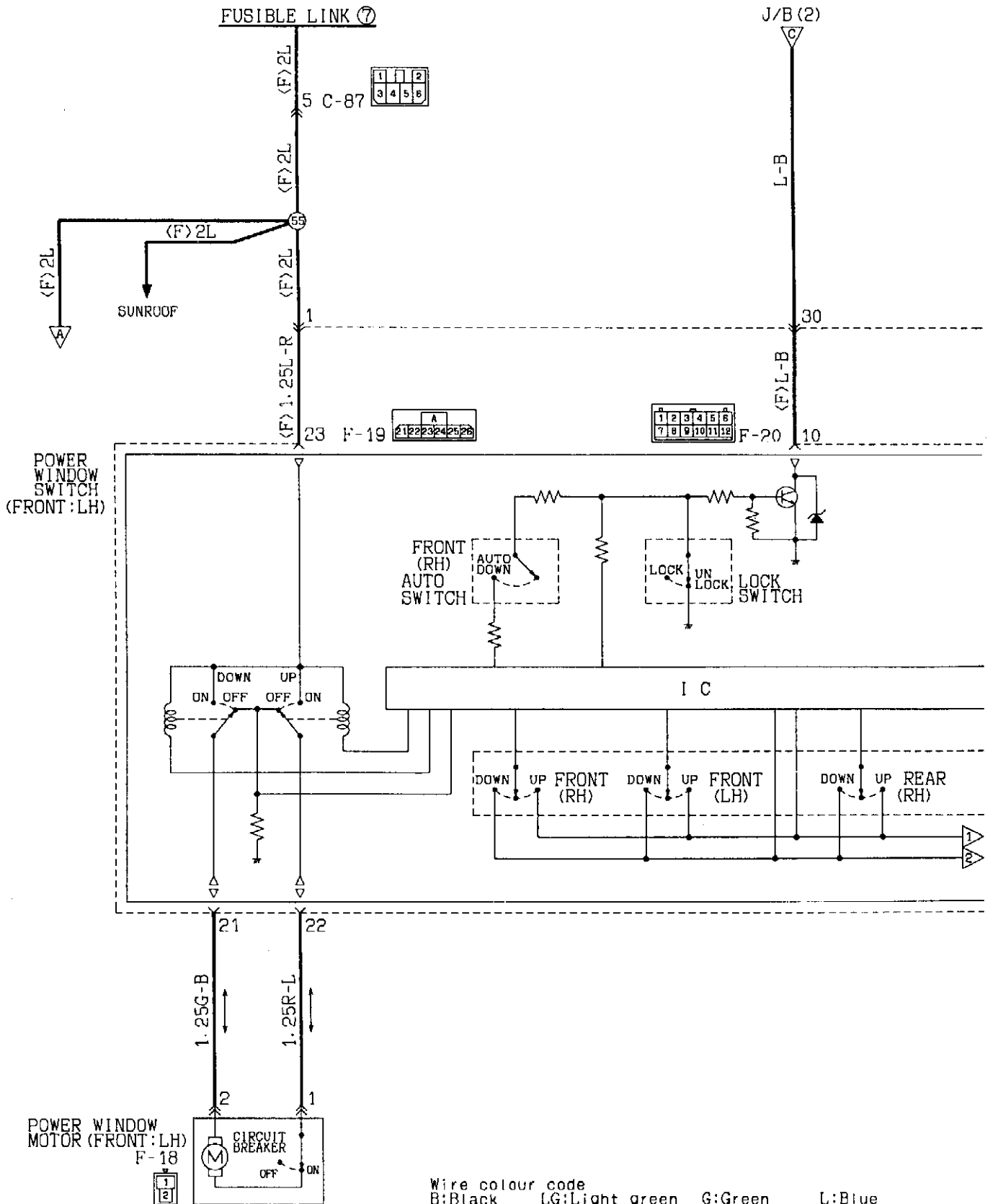
ENGINE OIL LEVEL WARNING LAMP  
<4D68, 4G63, 6A12, 6G73>

CHARGE WARNING LAMP



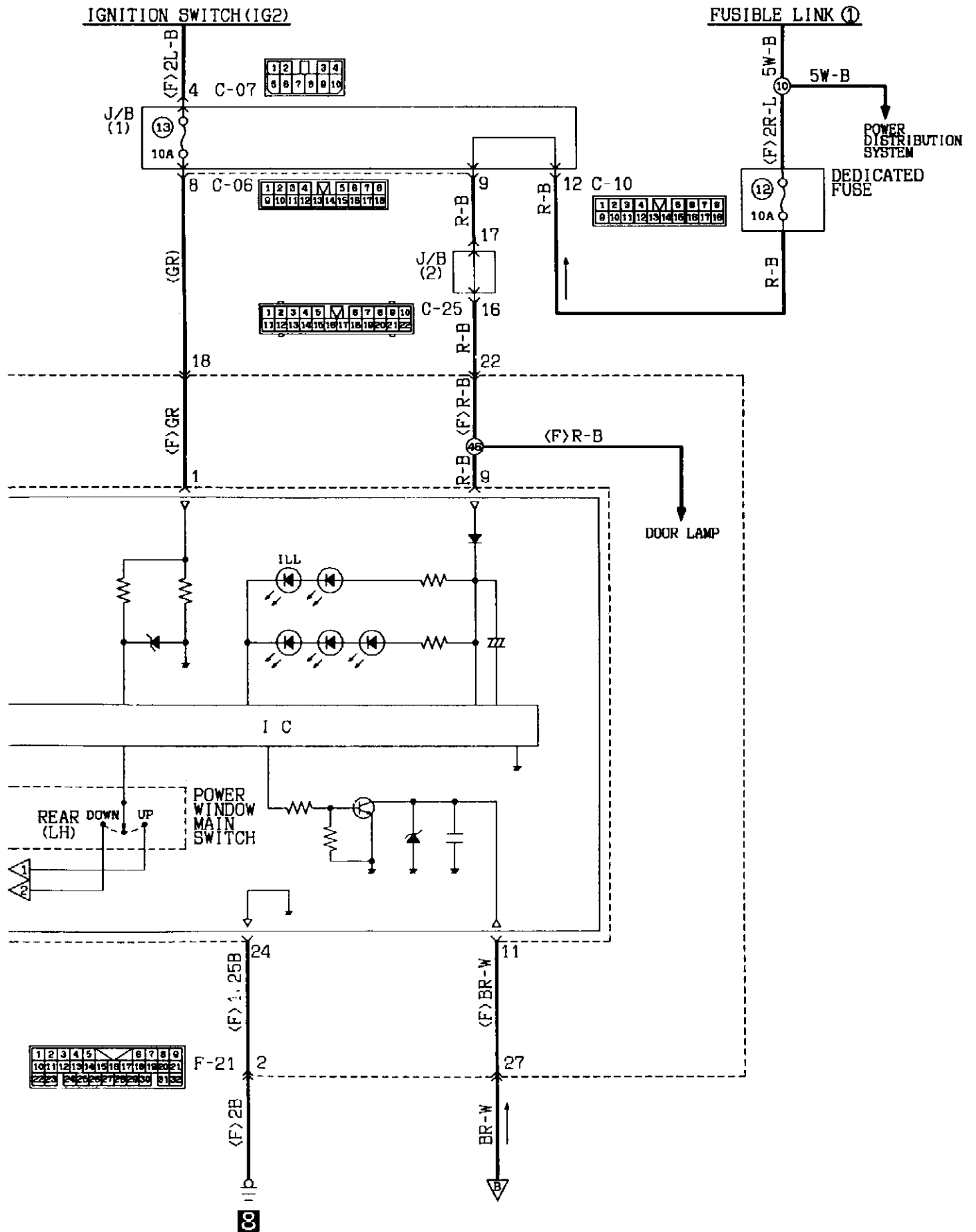
NOTES

POWER WINDOW  
L.H. drive vehicles

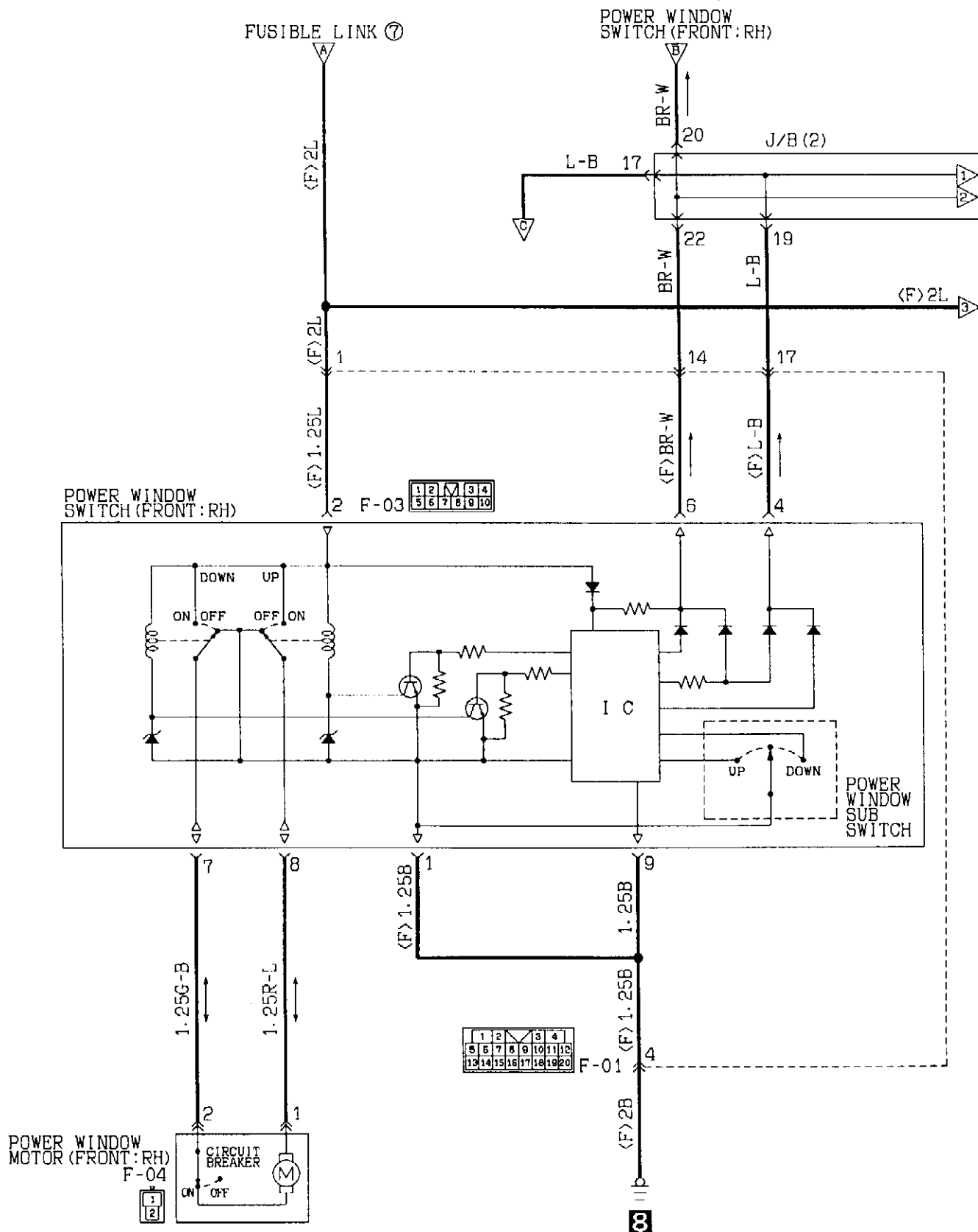


KX35-AC-F1105-EC



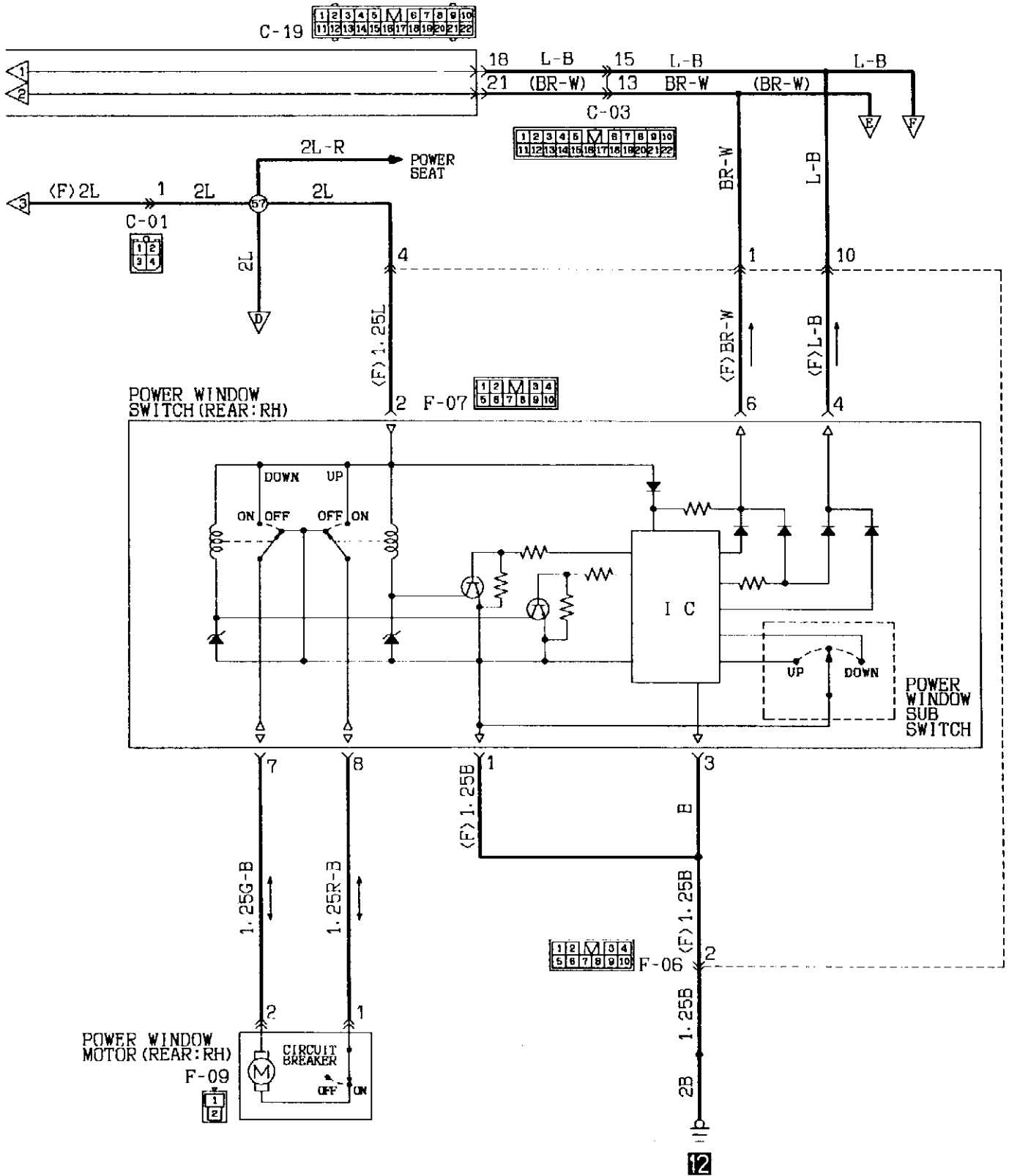


POWER WINDOW (L. H. drive vehicles) (CONTINUED)

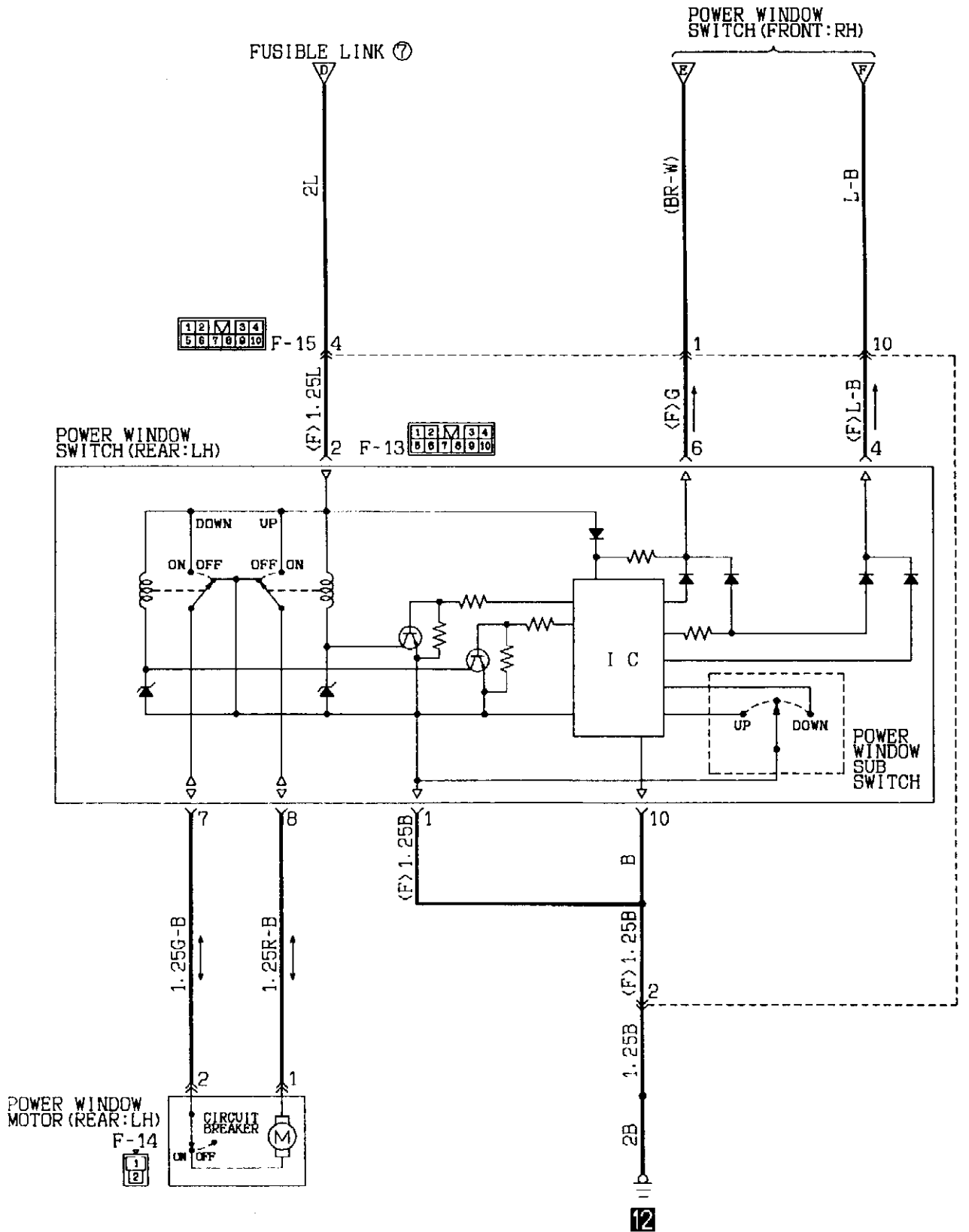


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F1105A-EC



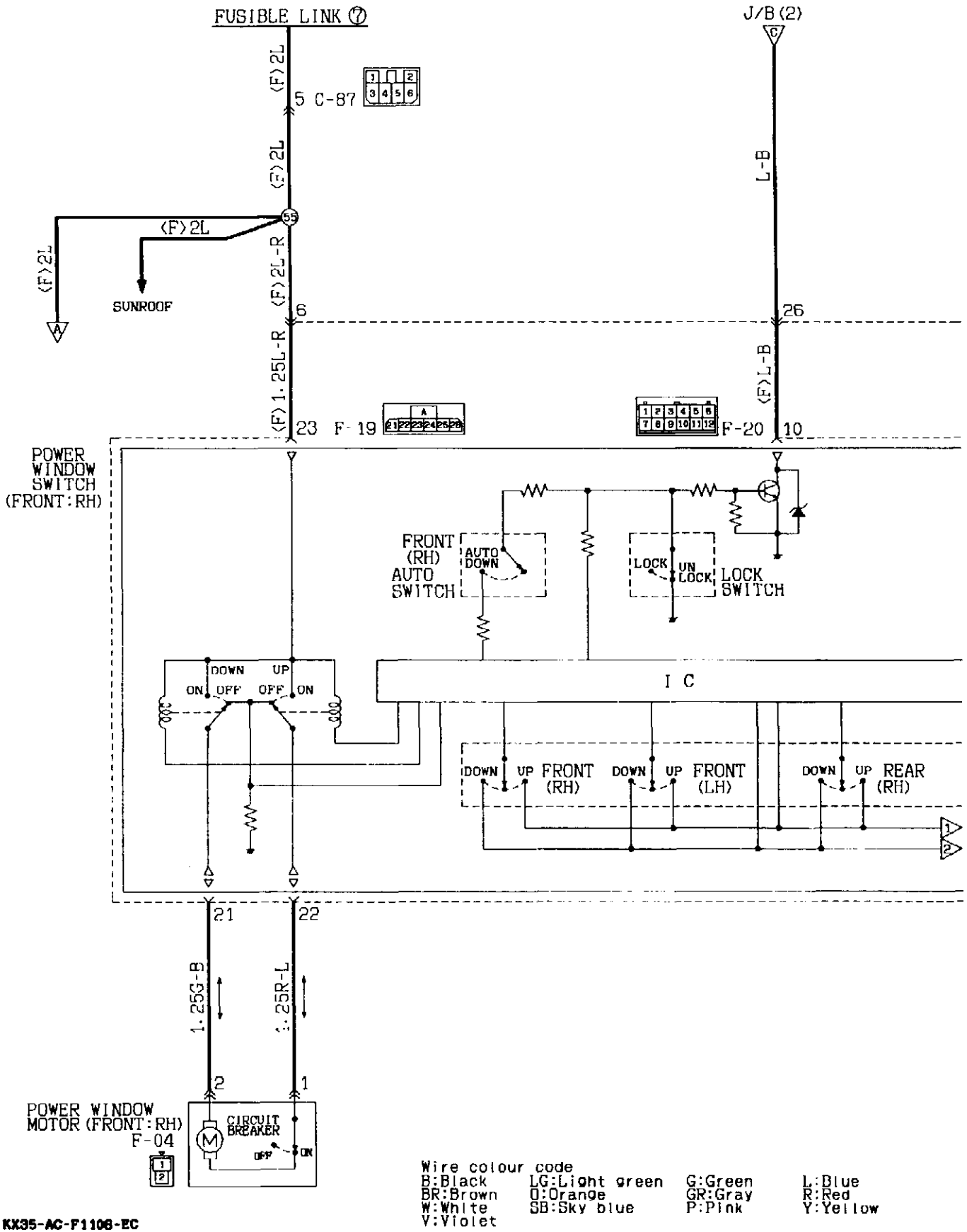
POWER WINDOW (L.H. drive vehicles) (CONTINUED)



Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

**NOTES**

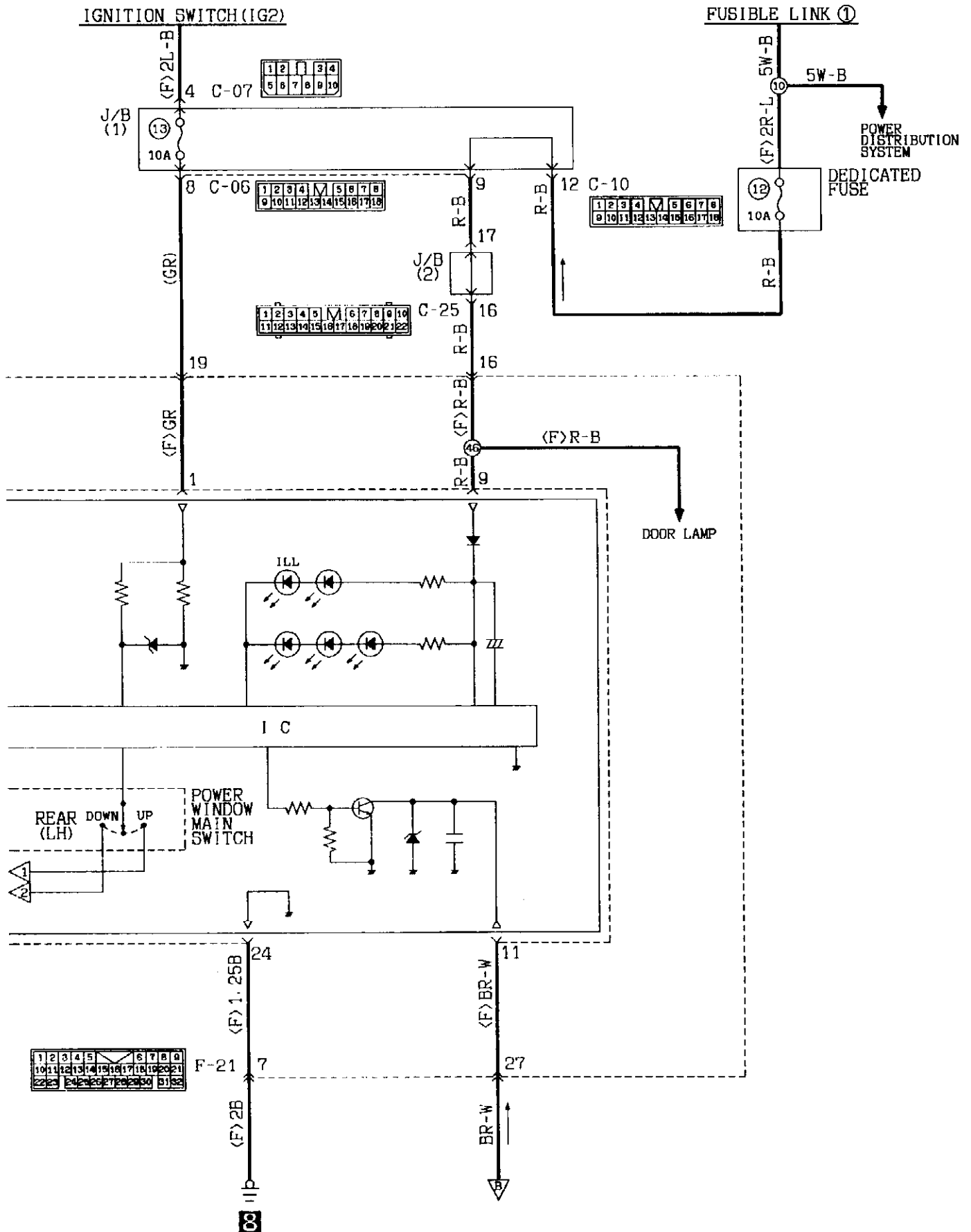
POWER WINDOW  
R.H. drive vehicles



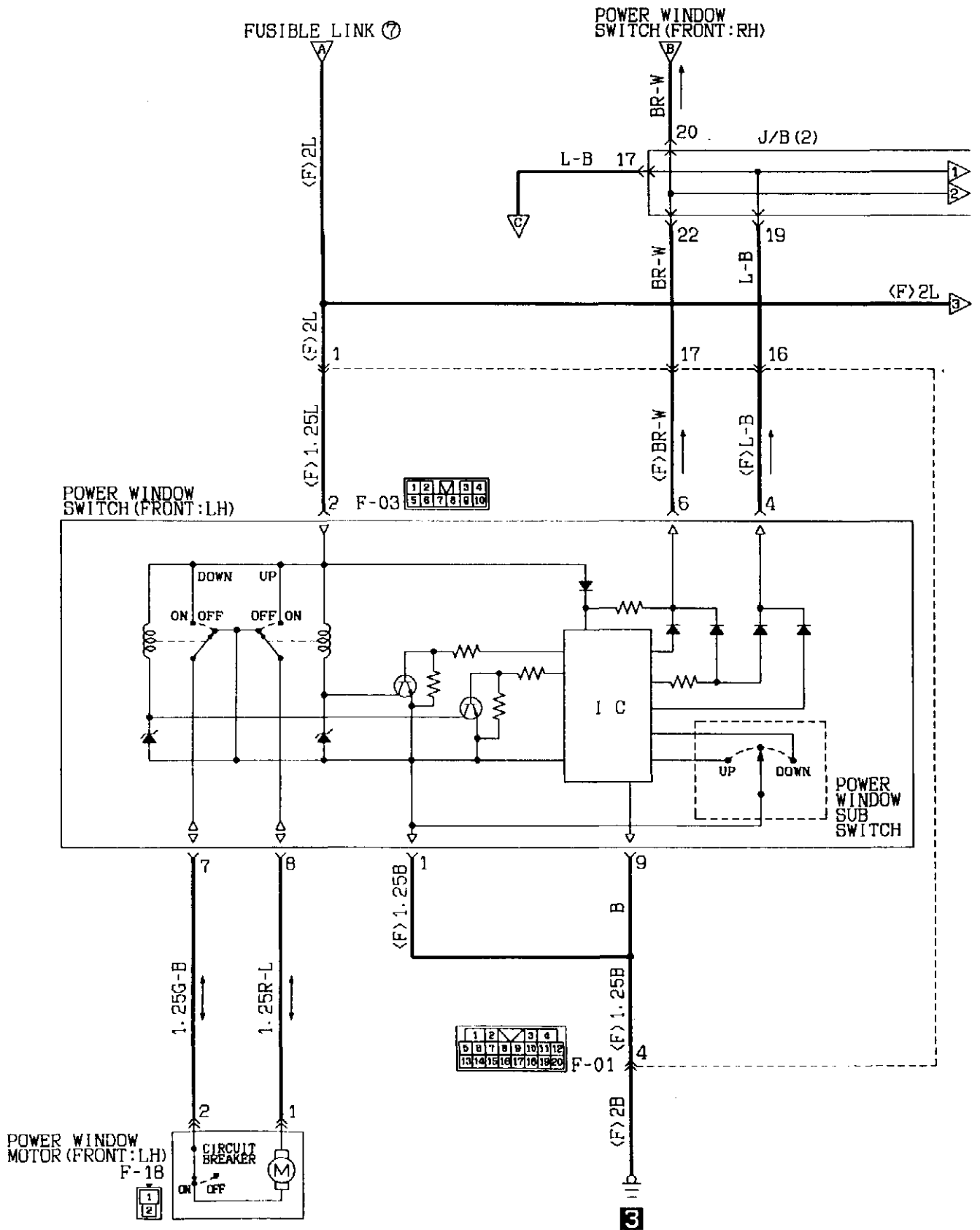
KX35-AC-F1108-EC

Wire colour code

|          |                |         |          |
|----------|----------------|---------|----------|
| B:Black  | LG:Light green | G:Green | L:Blue   |
| BR:Brown | O:Orange       | GR:Gray | R:Red    |
| W:White  | SB:Sky blue    | P:Pink  | Y:Yellow |
| V:Violet |                |         |          |



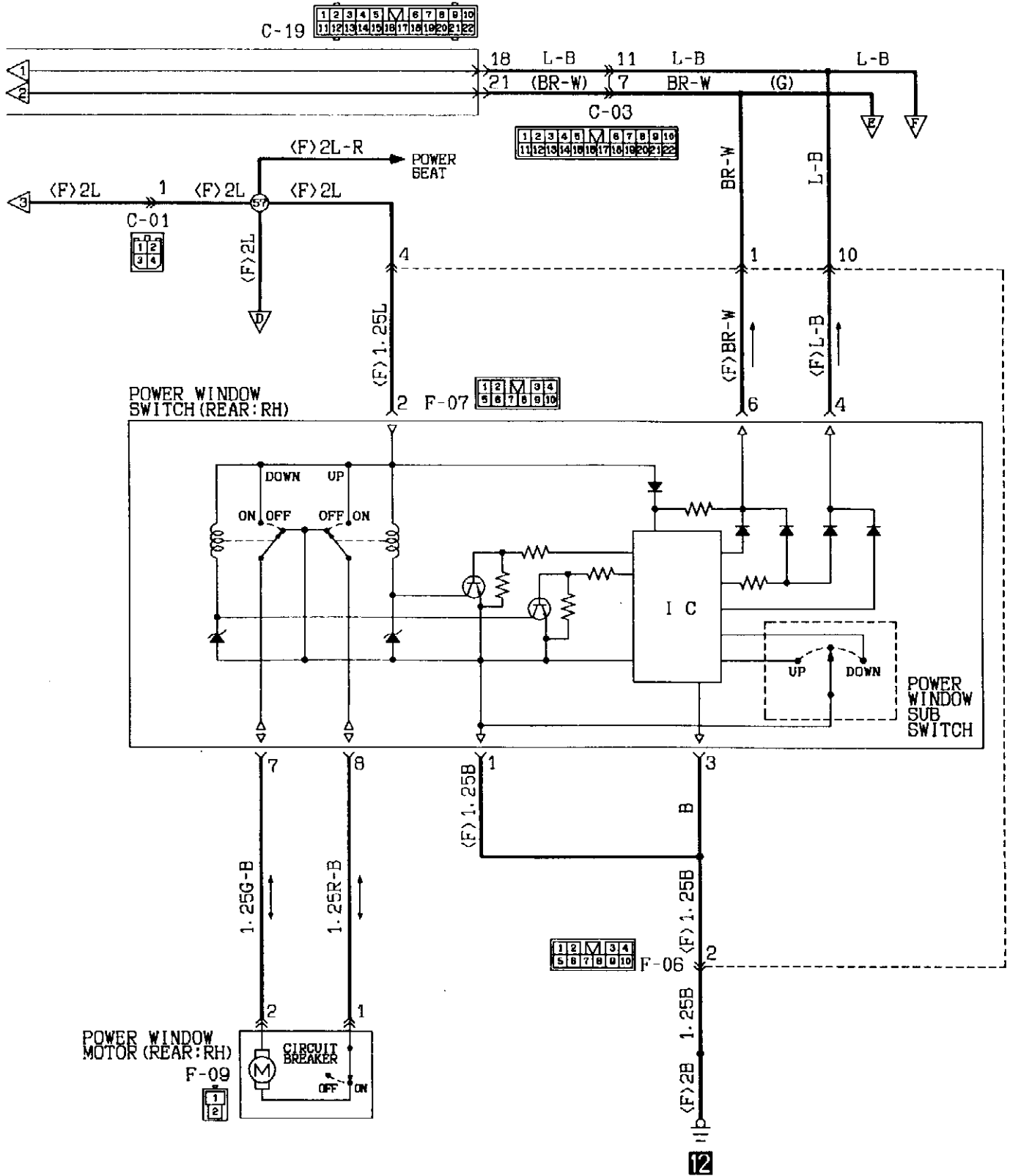
POWER WINDOW (R. H. drive vehicles)(CONTINUED)



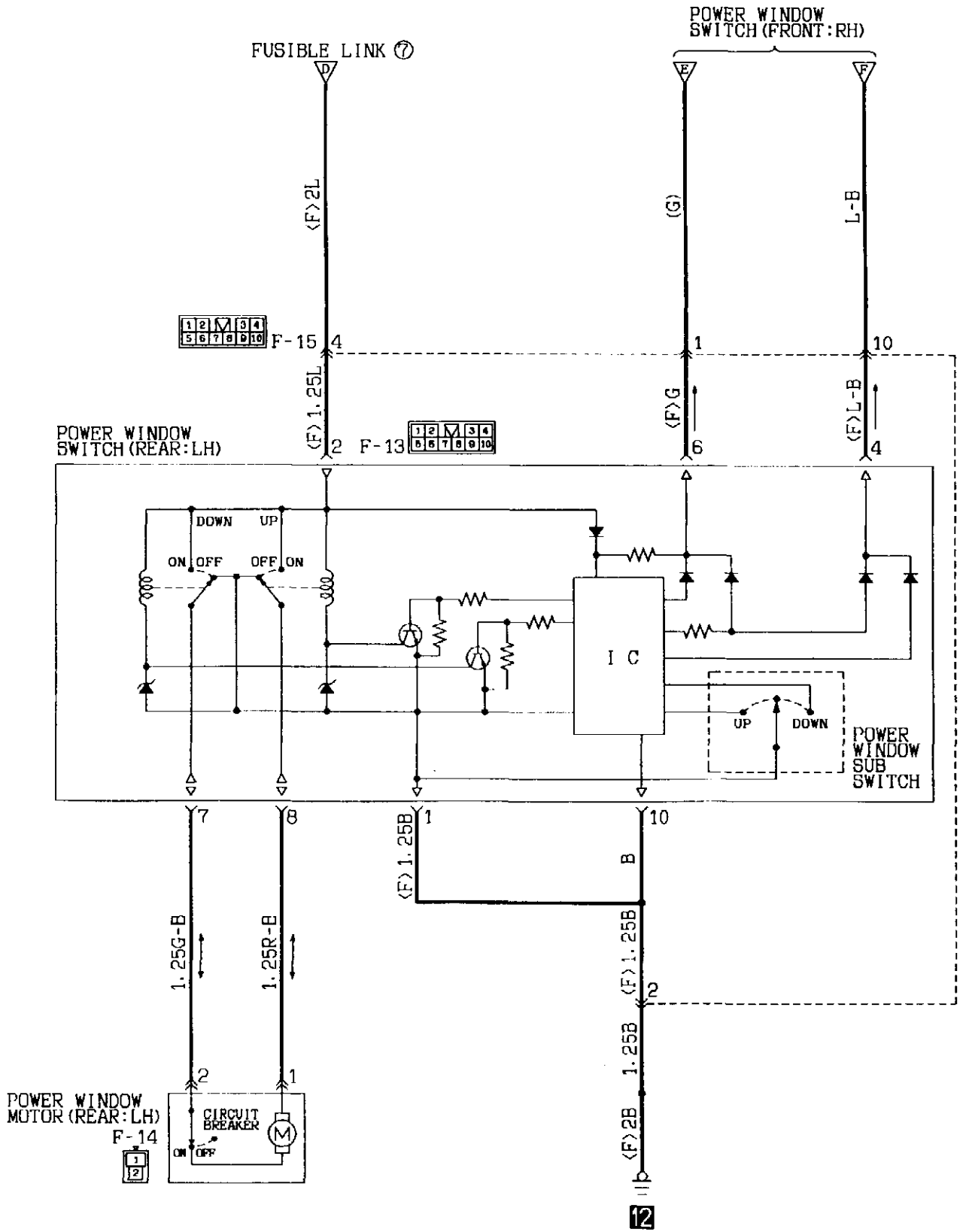
Wire colour code  
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KX35-AC-F1106A-EC





POWER WINDOW (R. H. drive vehicles)(CONTINUED)



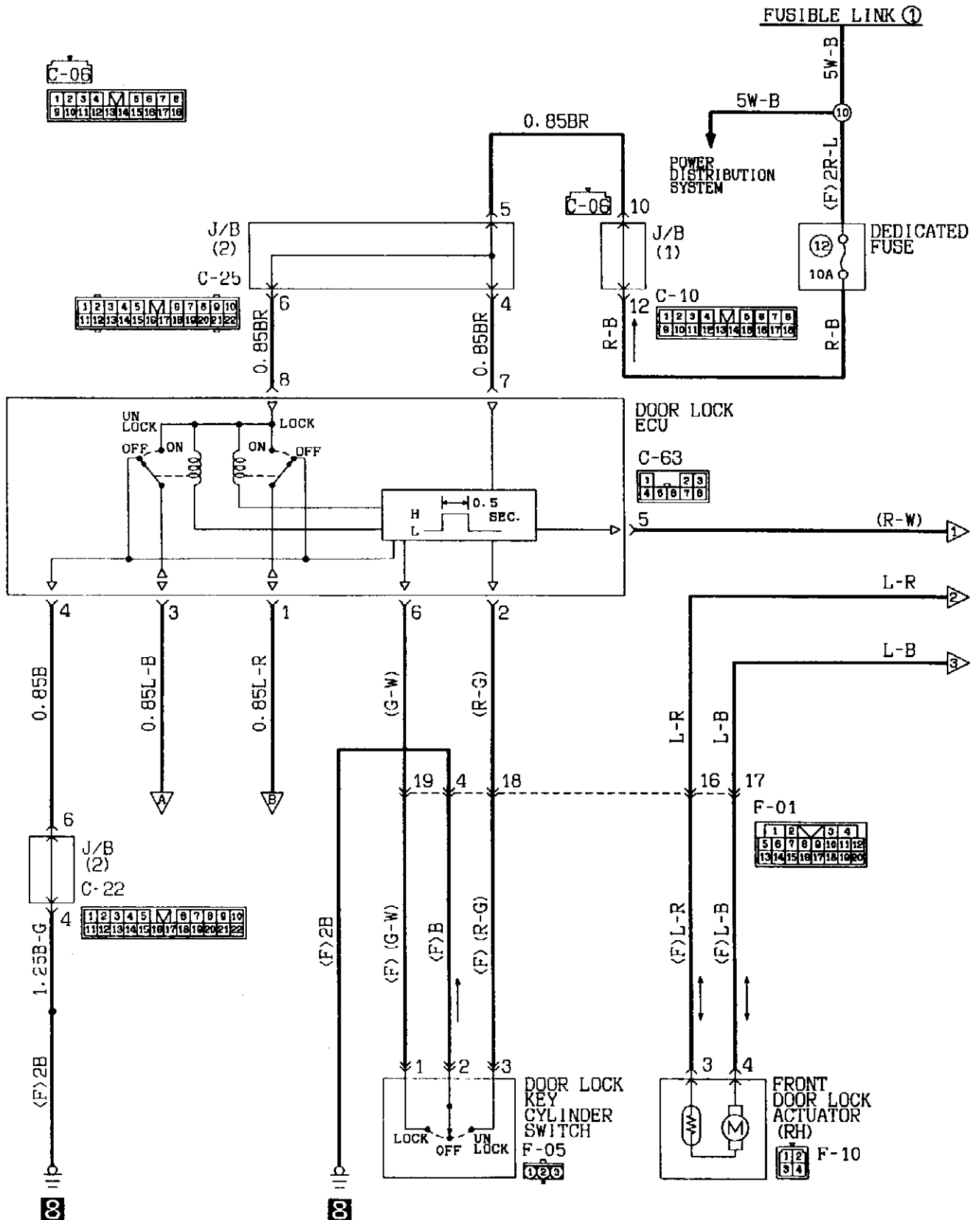
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

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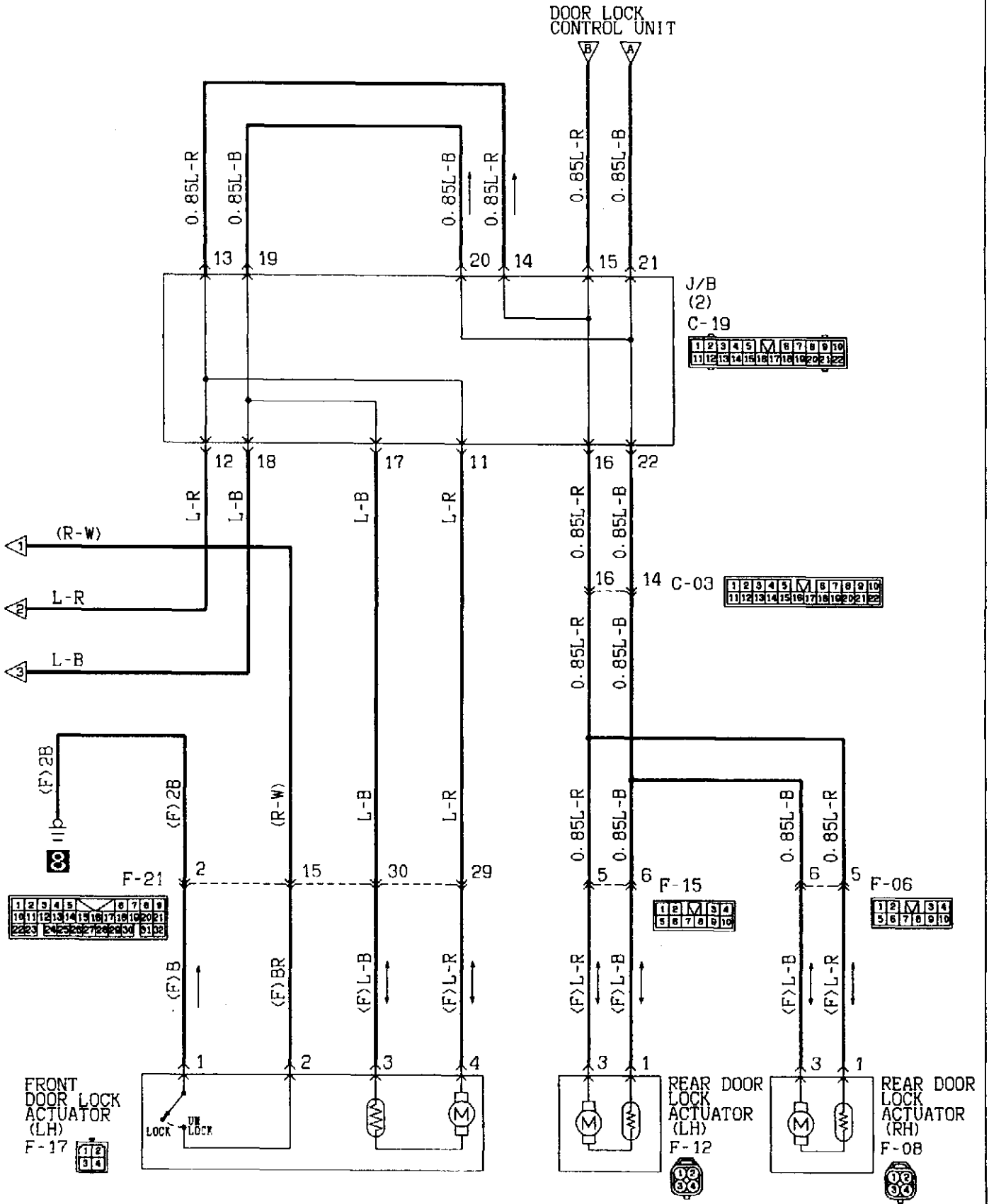
NOTES

# CENTRAL DOOR LOCKING SYSTEM

L.H. drive vehicles without power window



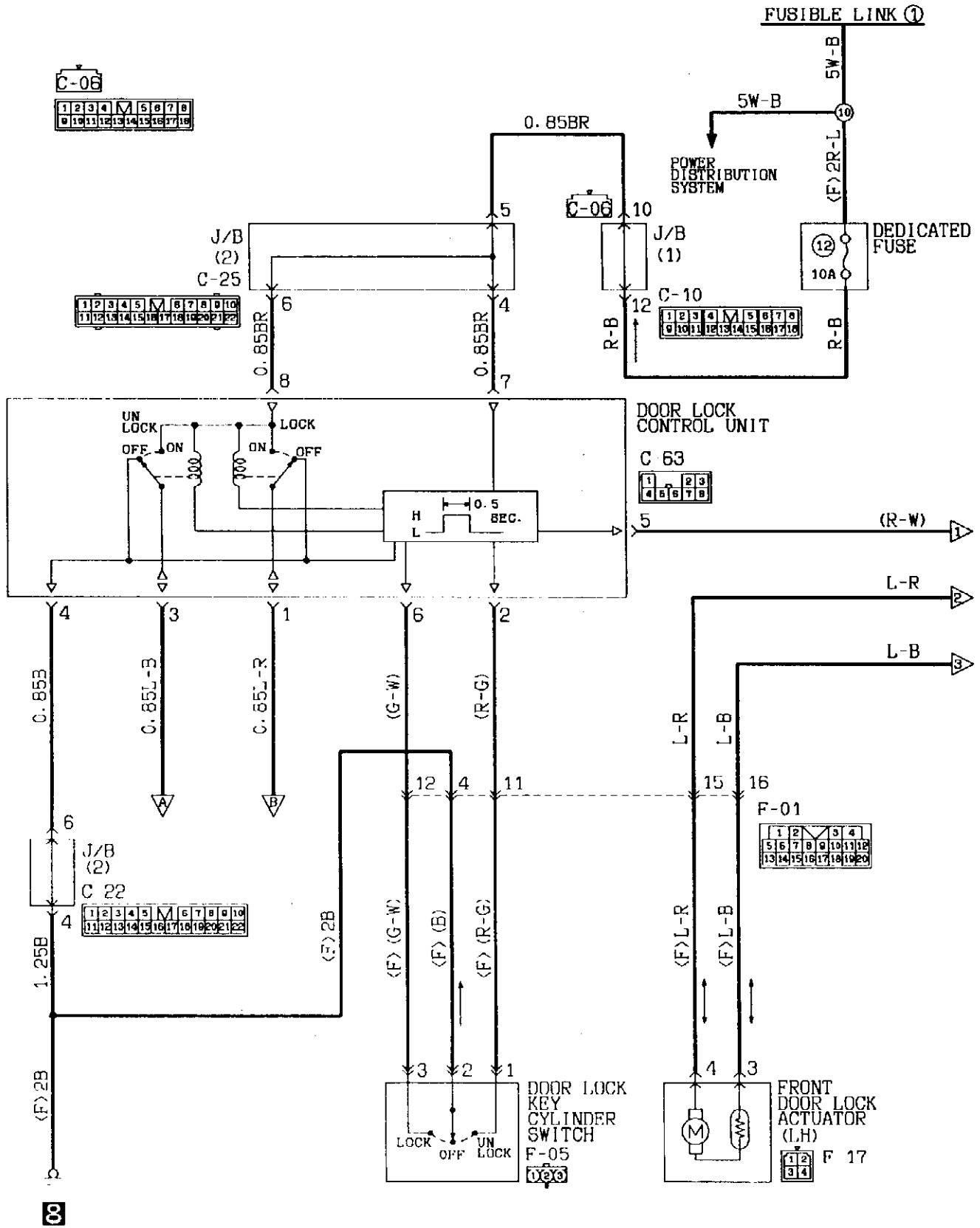
KX35-AC-F1101-E



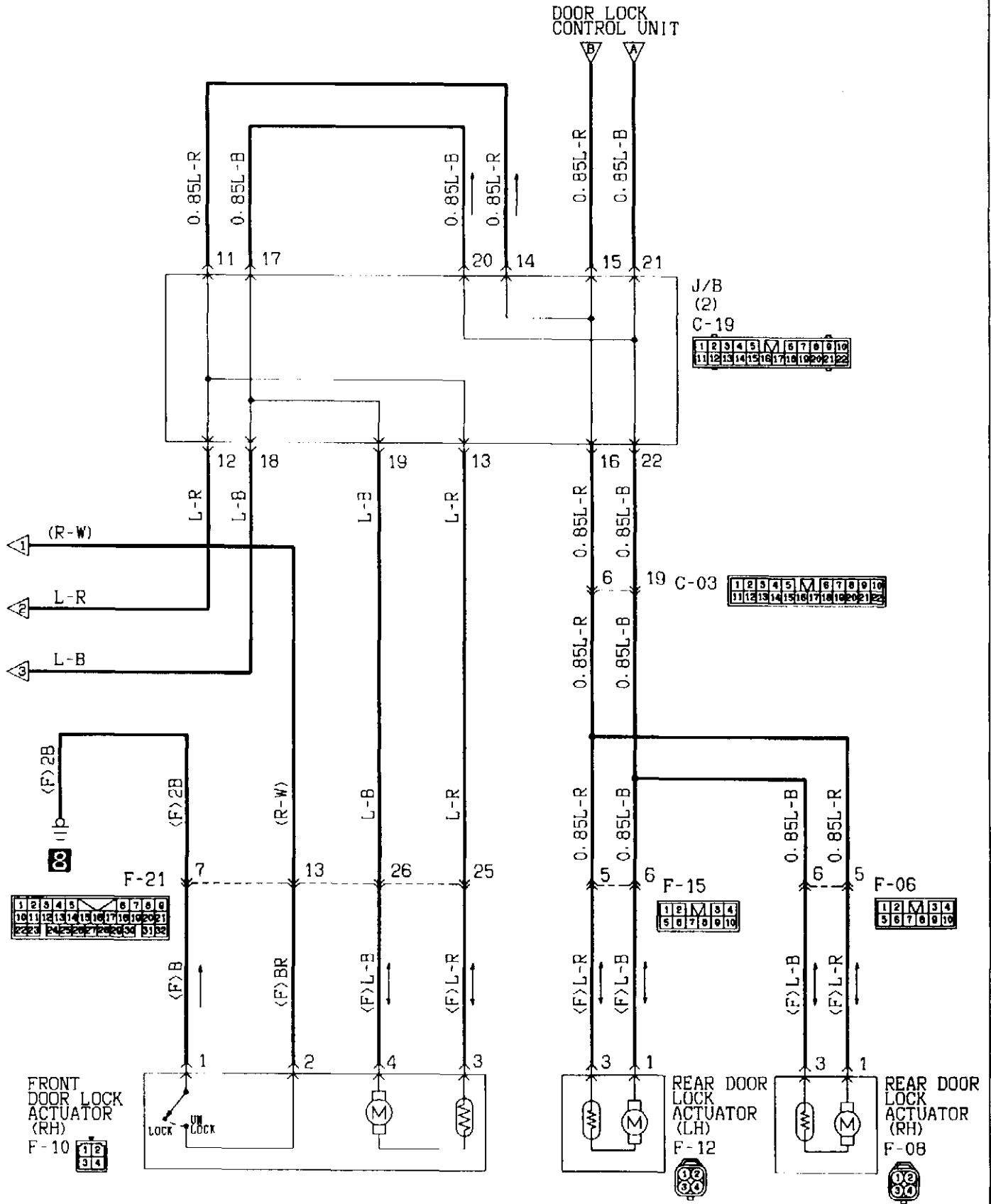
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

# CENTRAL DOOR LOCKING SYSTEM

R. H. drive vehicles without power window

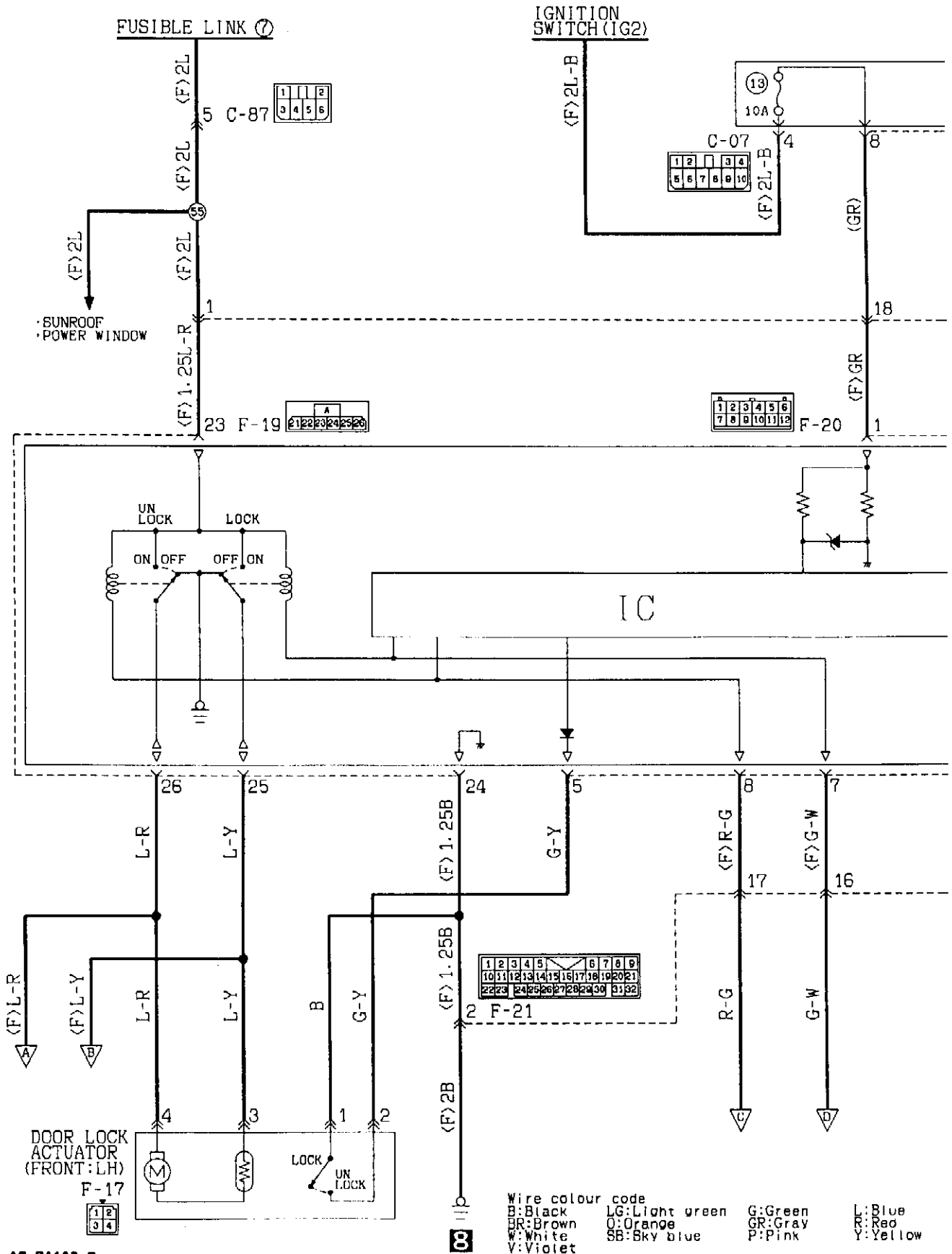


KX35-AC-F1102-E



Wire colour code  
 B:Black LG:Light Green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

CENTRAL DOOR LOCKING SYSTEM  
L.H. drive vehicles with power window

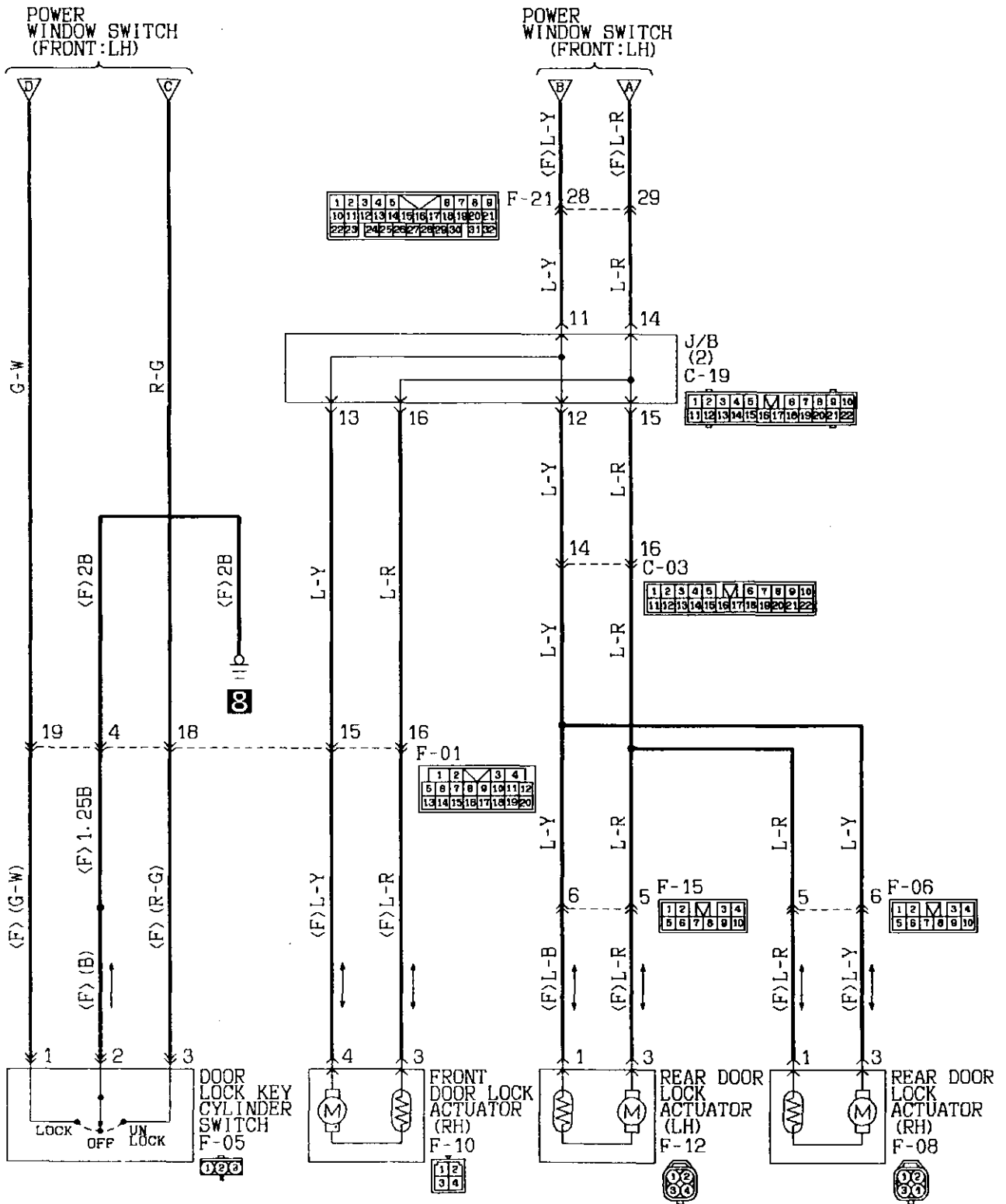


KX35-AC-F1103-E





CENTRAL DOOR LOCKING SYSTEM  
(L.H. drive vehicles with power window)(CONTINUED)

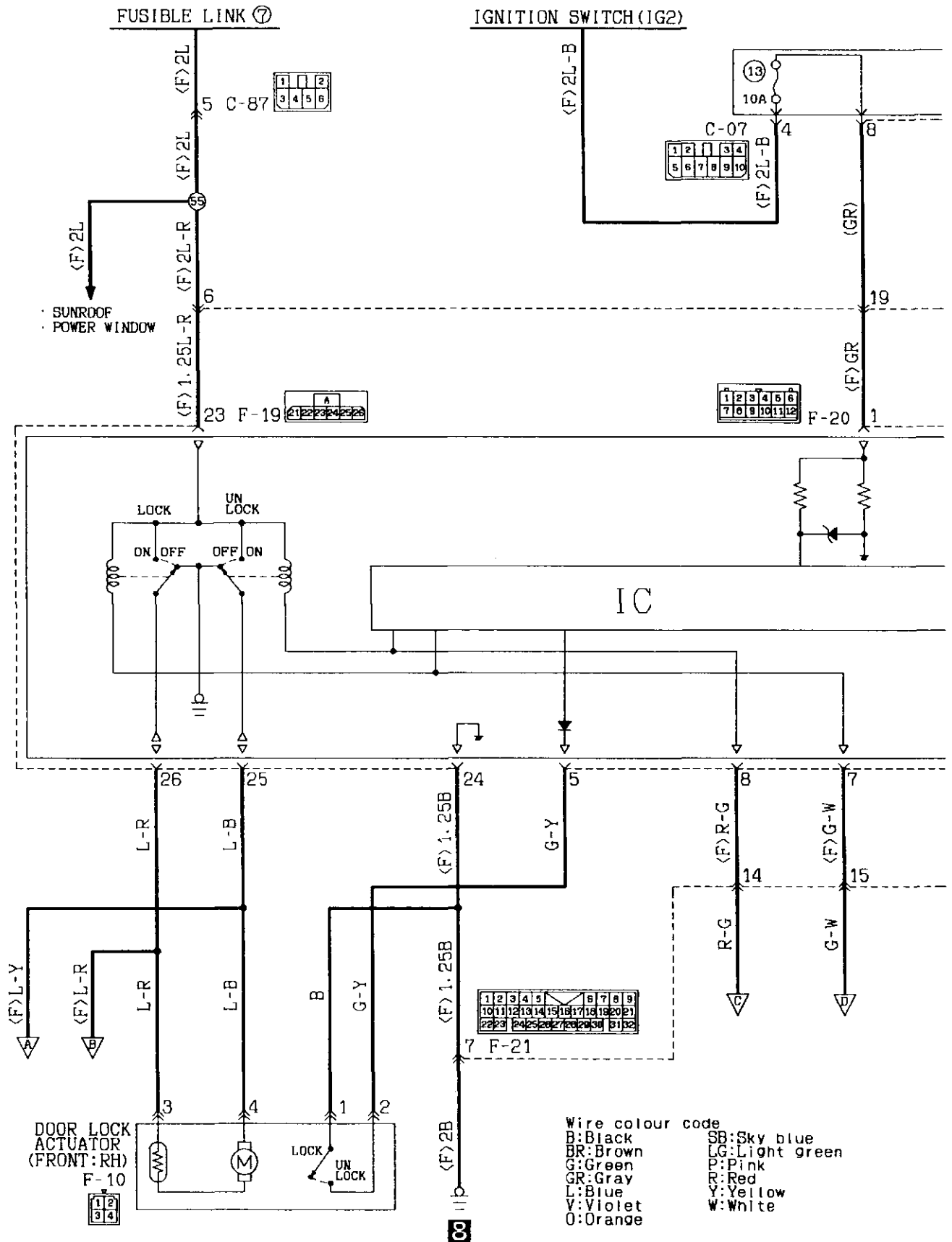


Wire colour code

B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

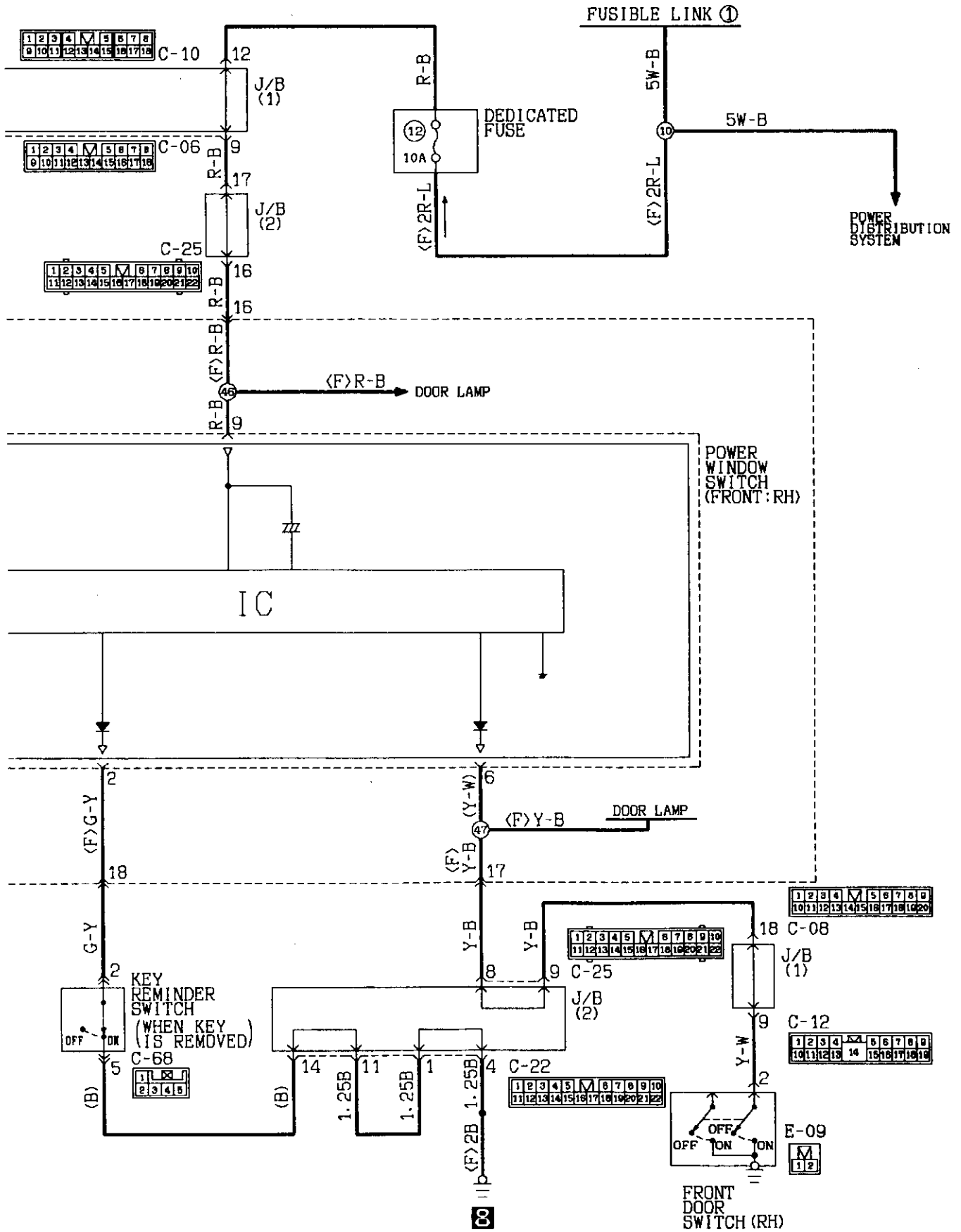
# CENTRAL DOOR LOCKING SYSTEM

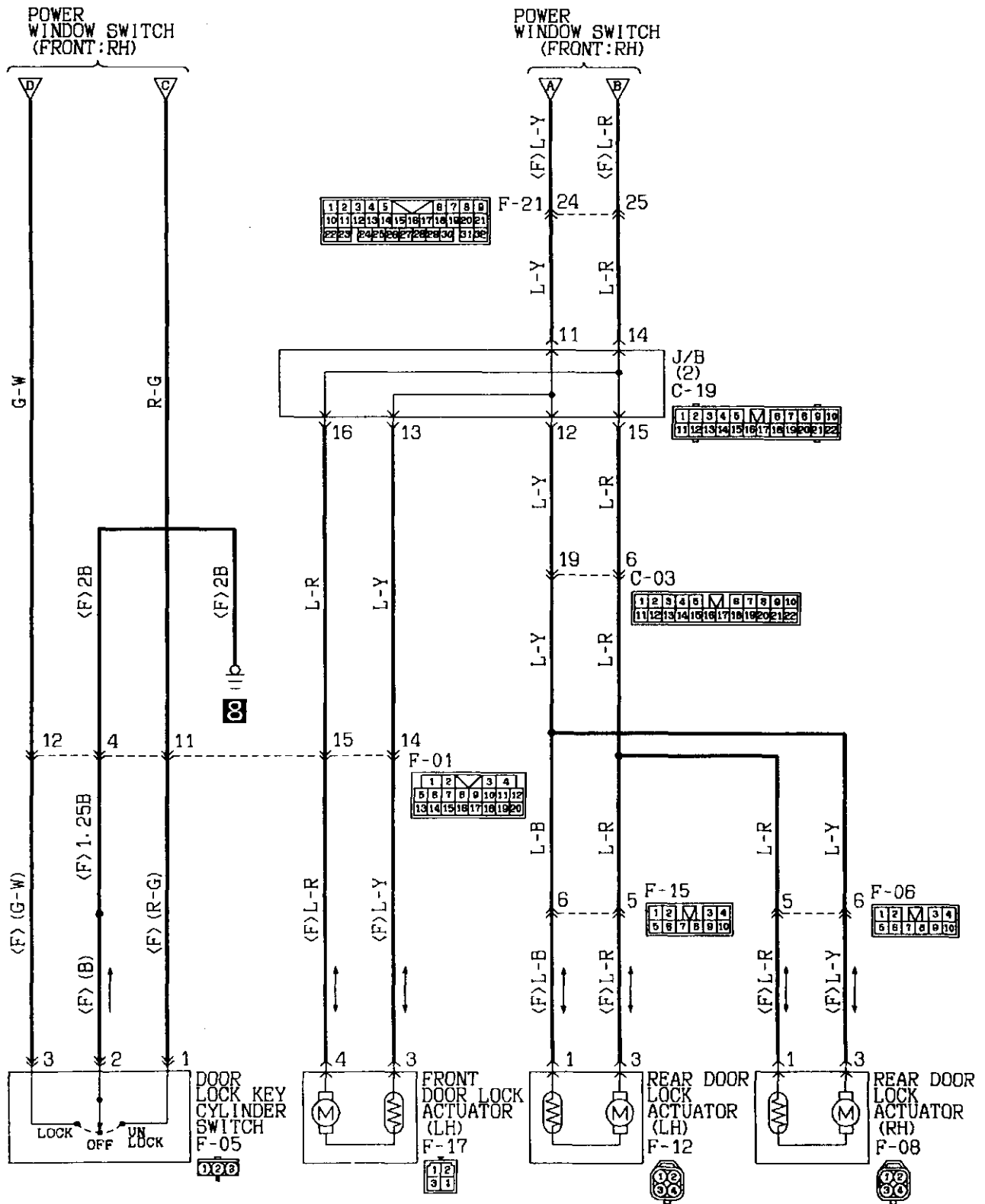
R.H. drive vehicles with power window



KX35-AC-F1104-E

CENTRAL DOOR LOCKING SYSTEM  
(R. H. drive vehicles with power window)(CONTINUED)



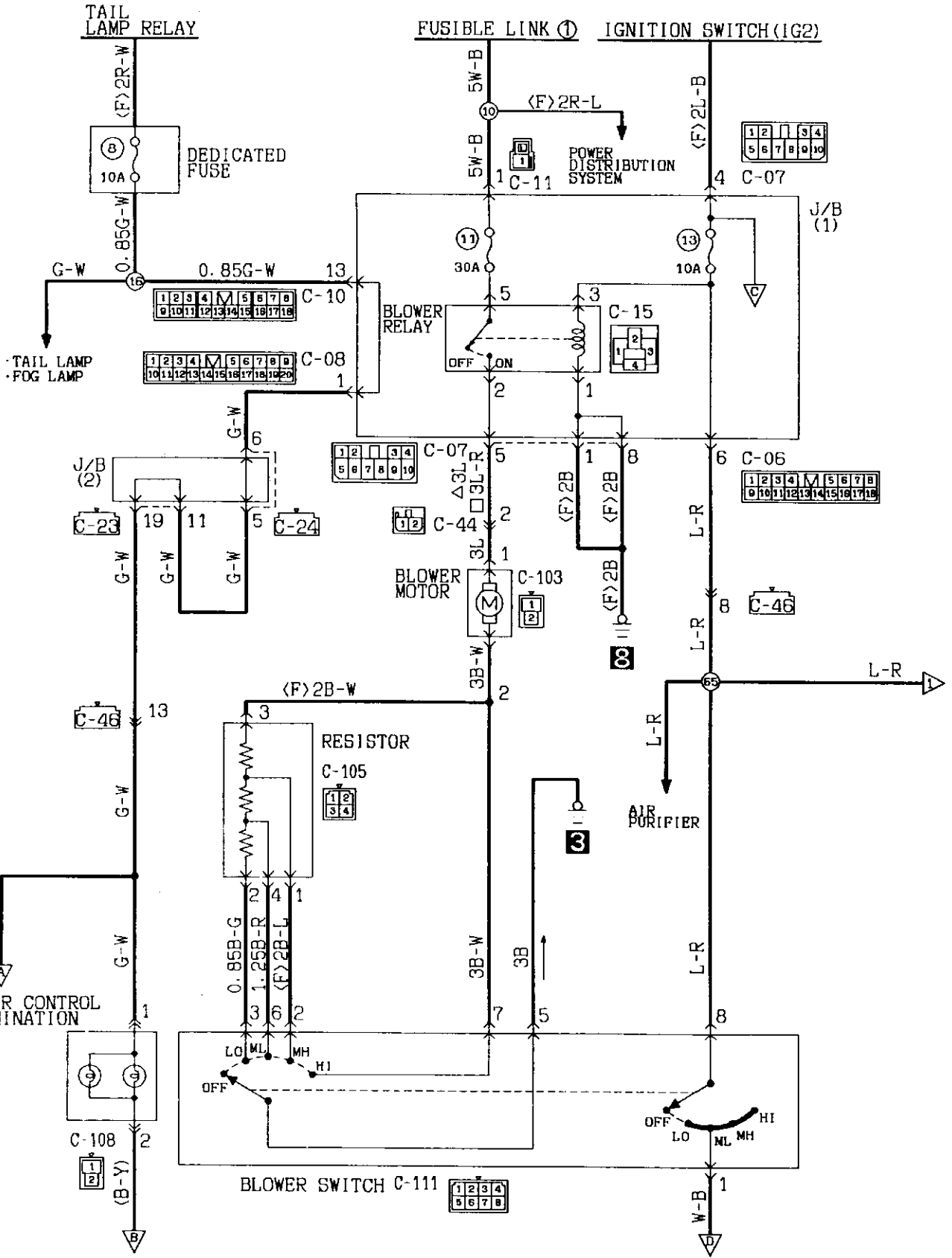


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

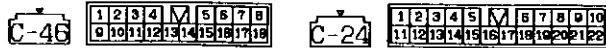
KX35-AC-F1104A-E

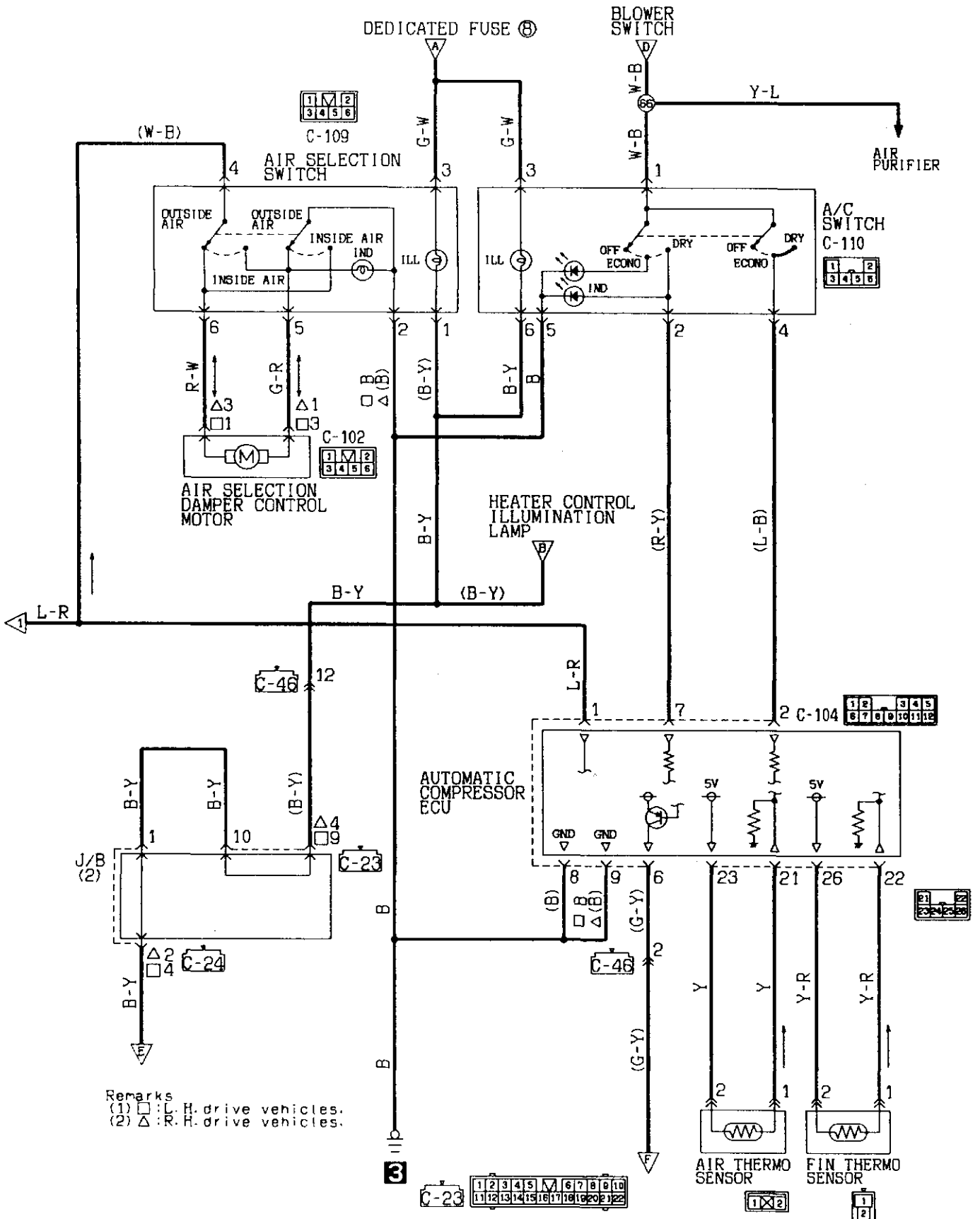
# HEATER AND MANUAL AIR CONDITIONER

Petrol-powered vehicles (2WD)

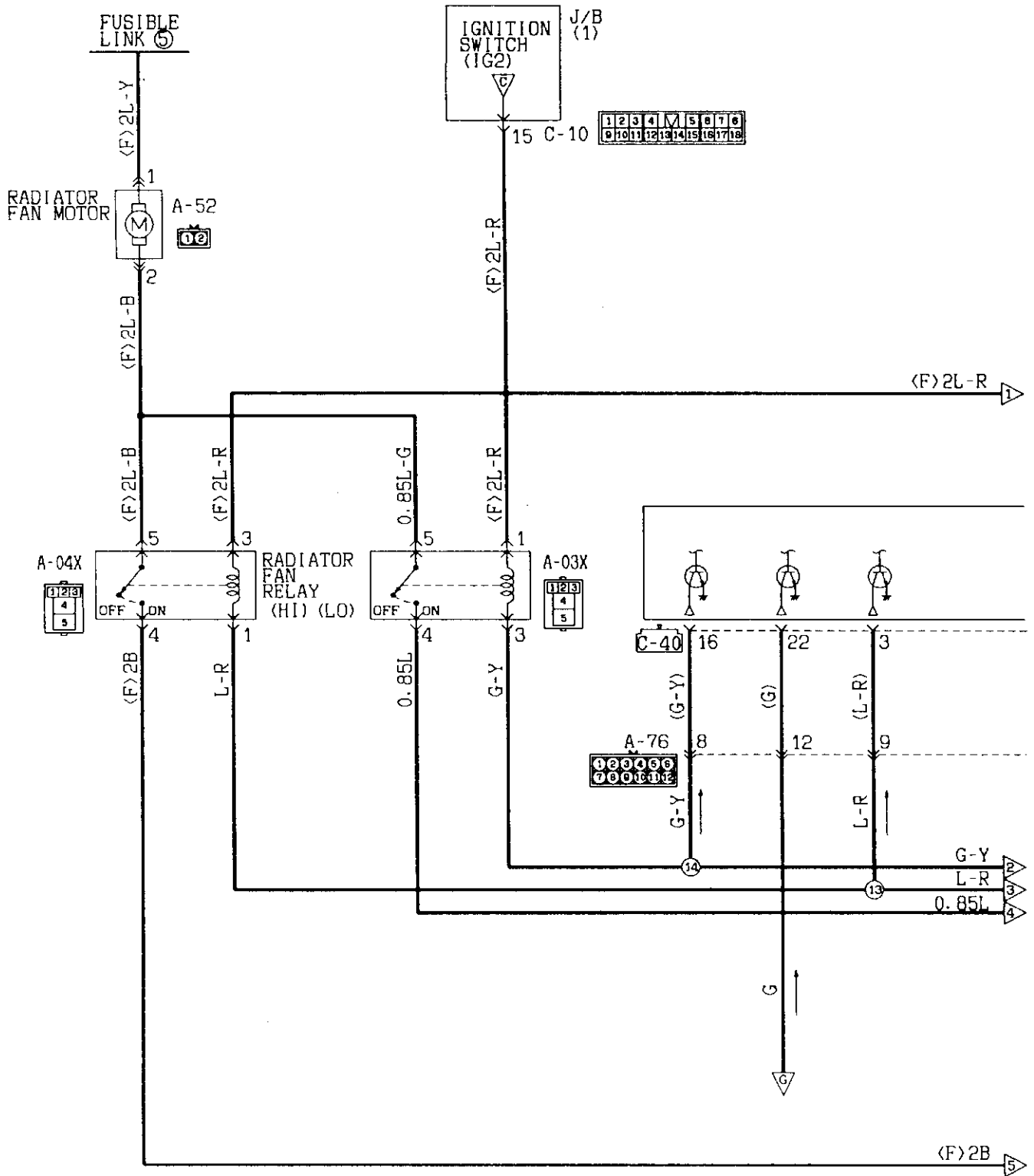


KX35-AC-F1201-EC





HEATER AND MANUAL AIR CONDITIONER  
(Petrol-powered vehicles) <2WD> (CONTINUED)

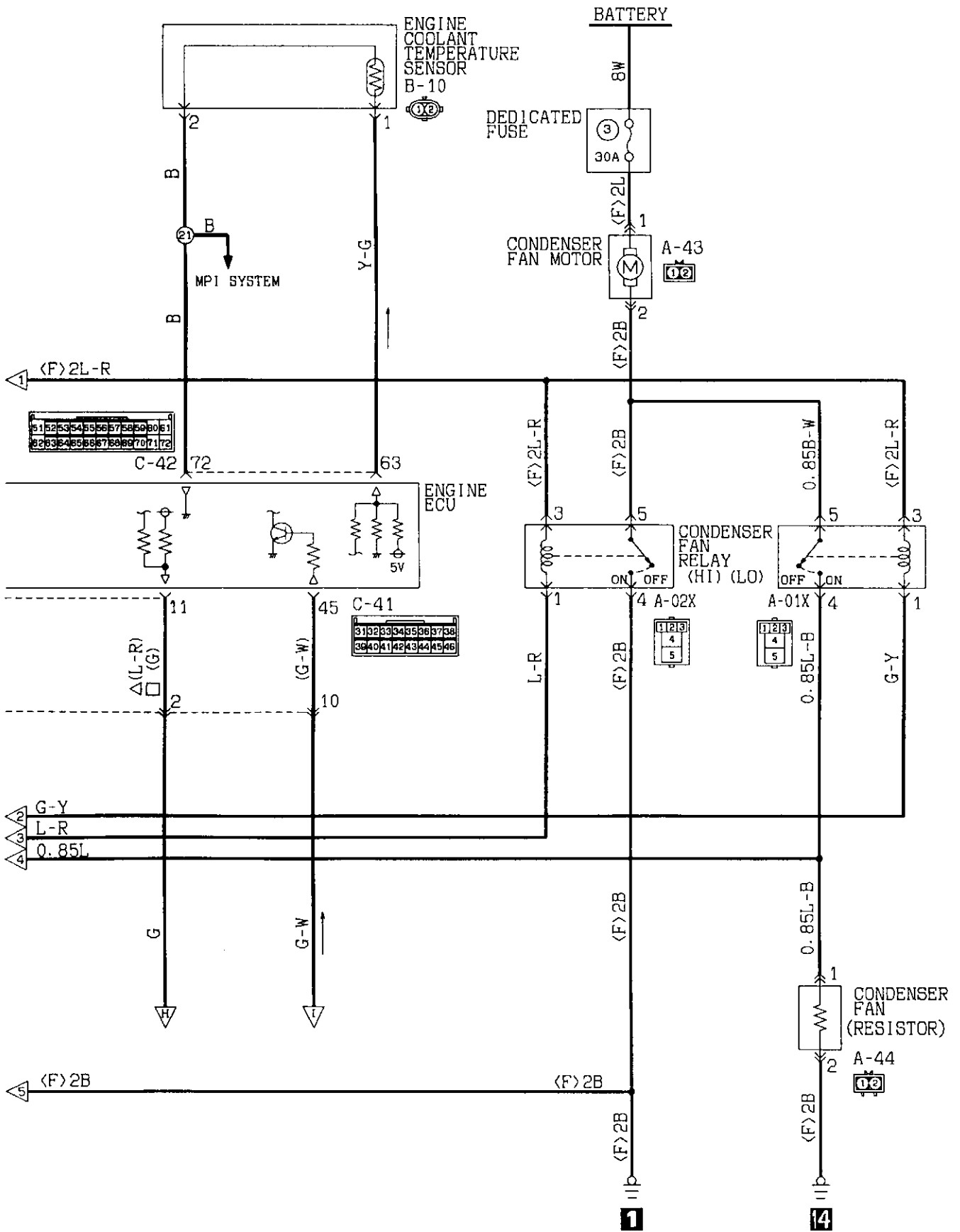


Remarks  
(1) □: L.H. drive vehicles.  
(2) △: R.H. drive vehicles.

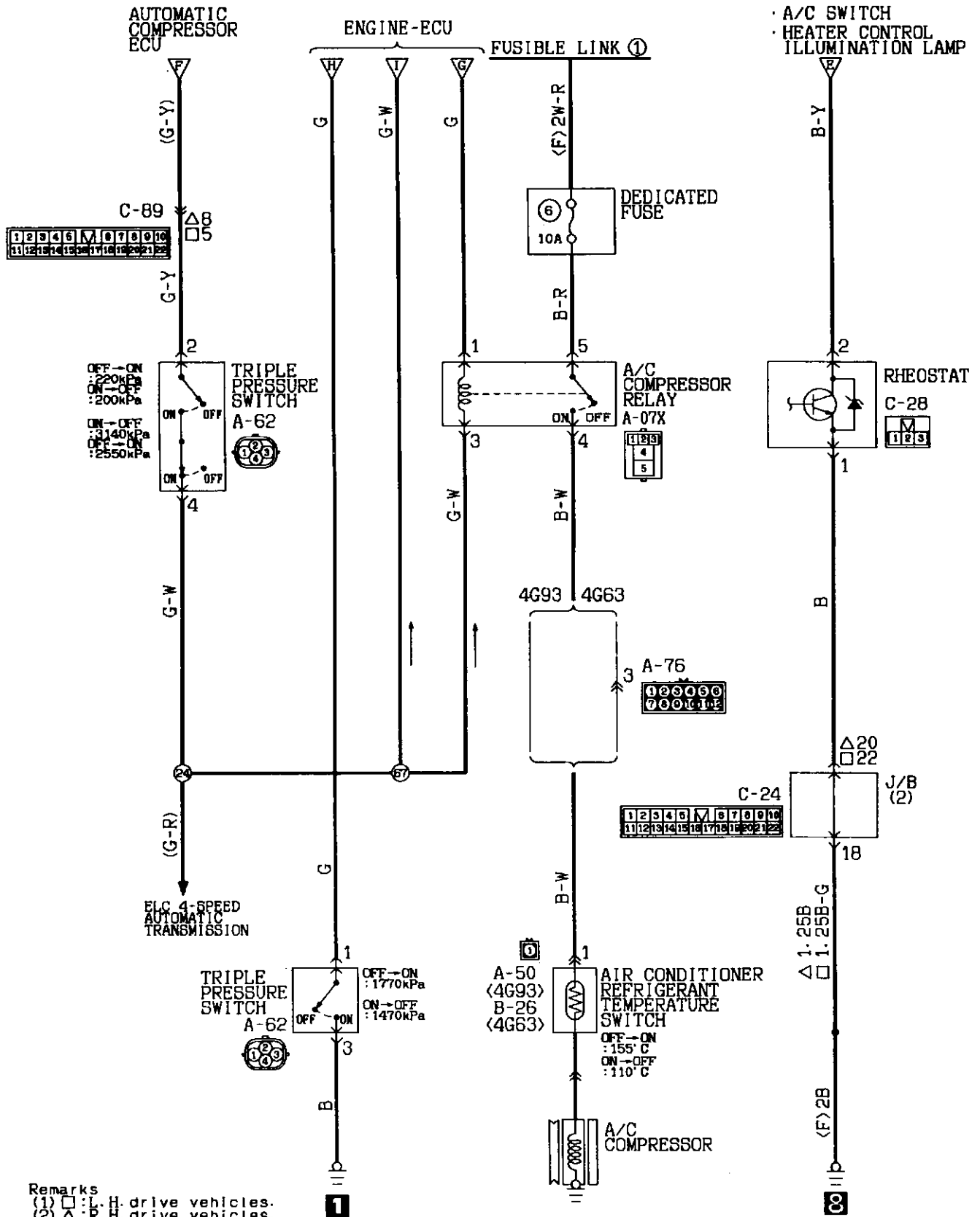
Wire colour code  
B: Black LG: Light green G: Green L: Blue W: White Y: Yellow SB: Sky blue  
BR: Brown O: Orange GR: Gray R: Red P: Pink V: Violet

KX35-AC-F1201A-EC





HEATER AND MANUAL AIR CONDITIONER  
(Petrol-powered vehicles) (2WD) (CONTINUED)



Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.

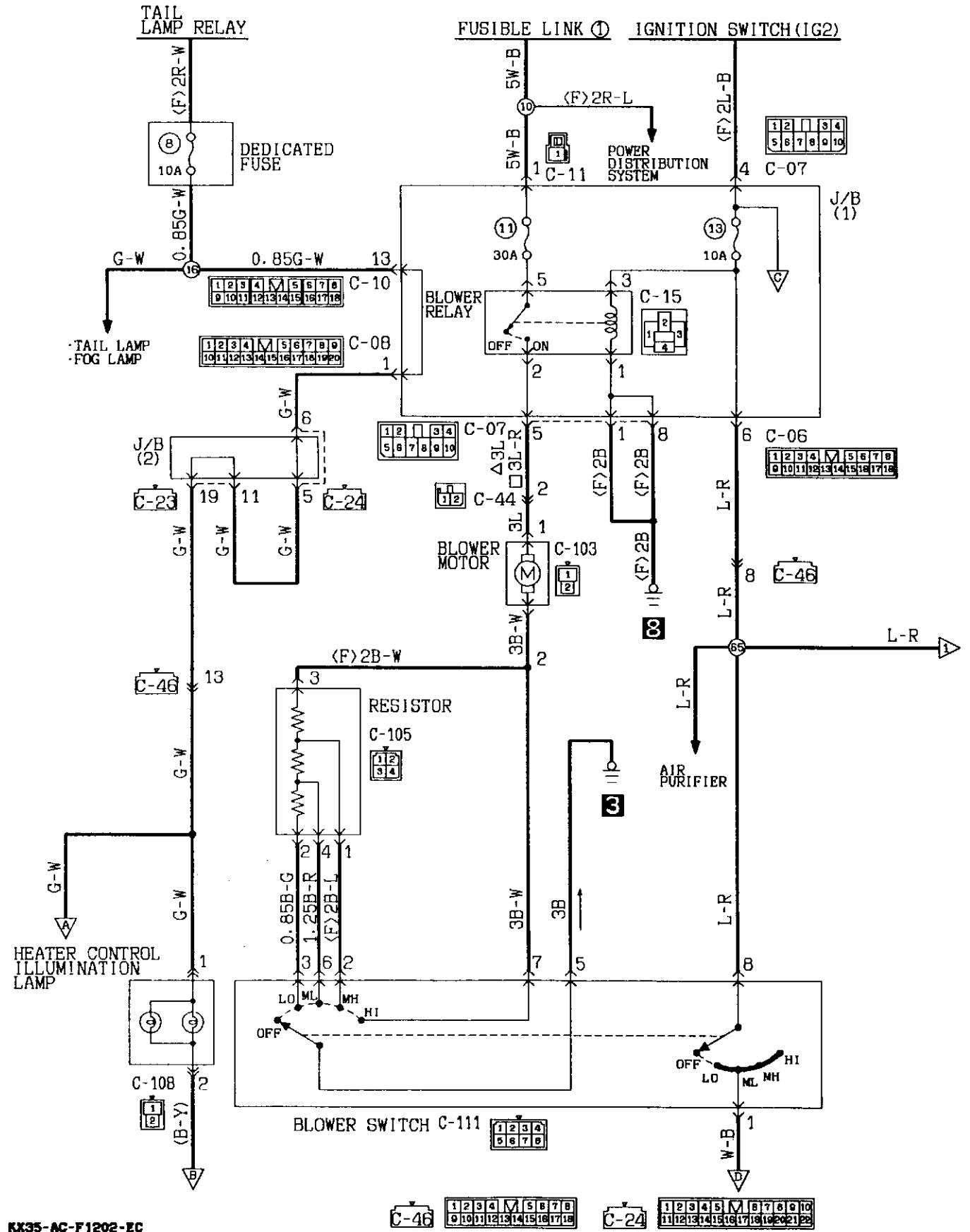
Wire colour code  
 B:Black    LG:Light green    G:Green    L:Blue    W:White    Y:Yellow    SB:Sky blue  
 BR:Brown    O:Orange    GR:Gray    R:Red    P:Pink    V:Violet

KX35-AC-F1201B-EC

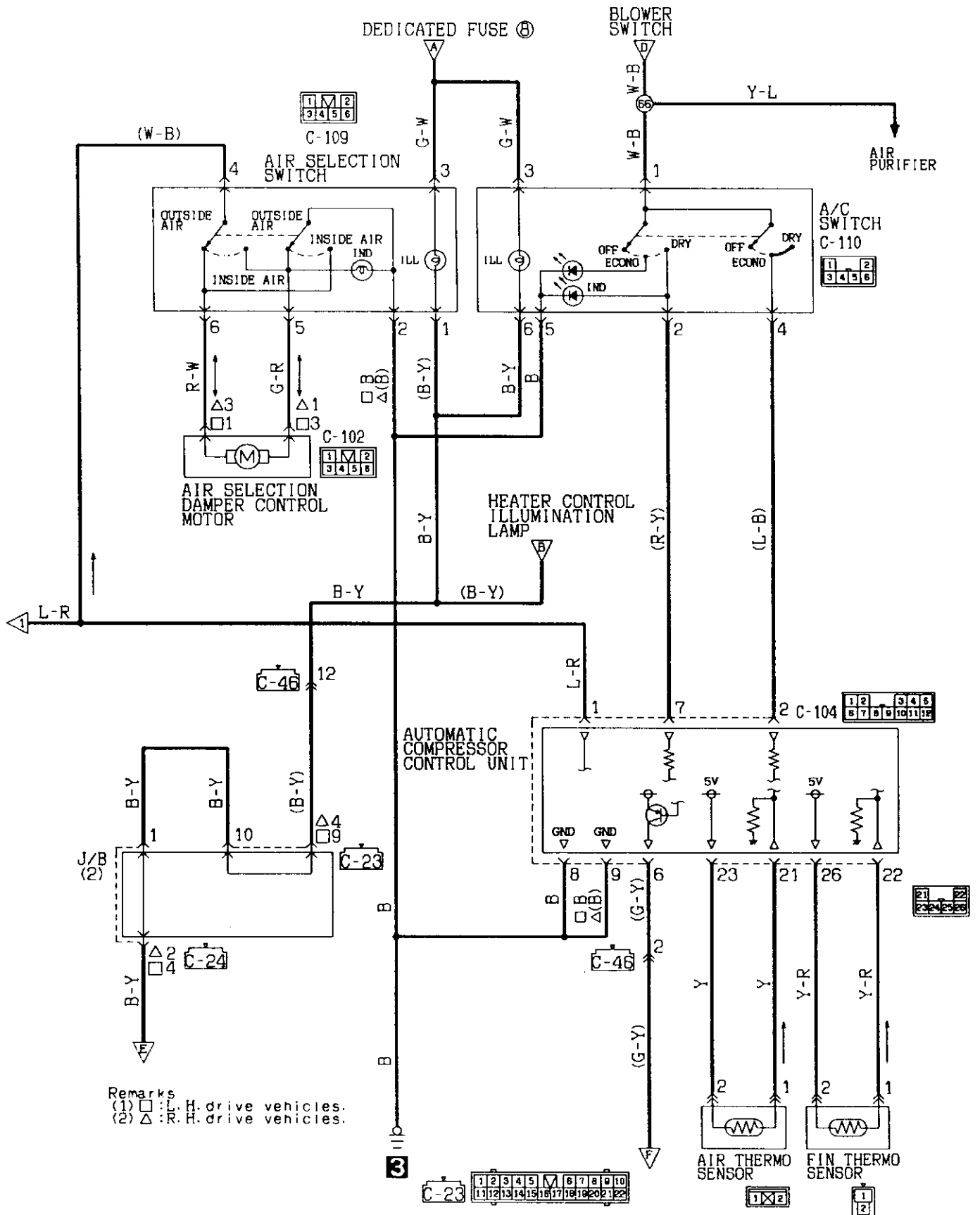
**NOTES**

# HEATER AND MANUAL AIR CONDITIONER

Petrol-powered vehicles (4WD)

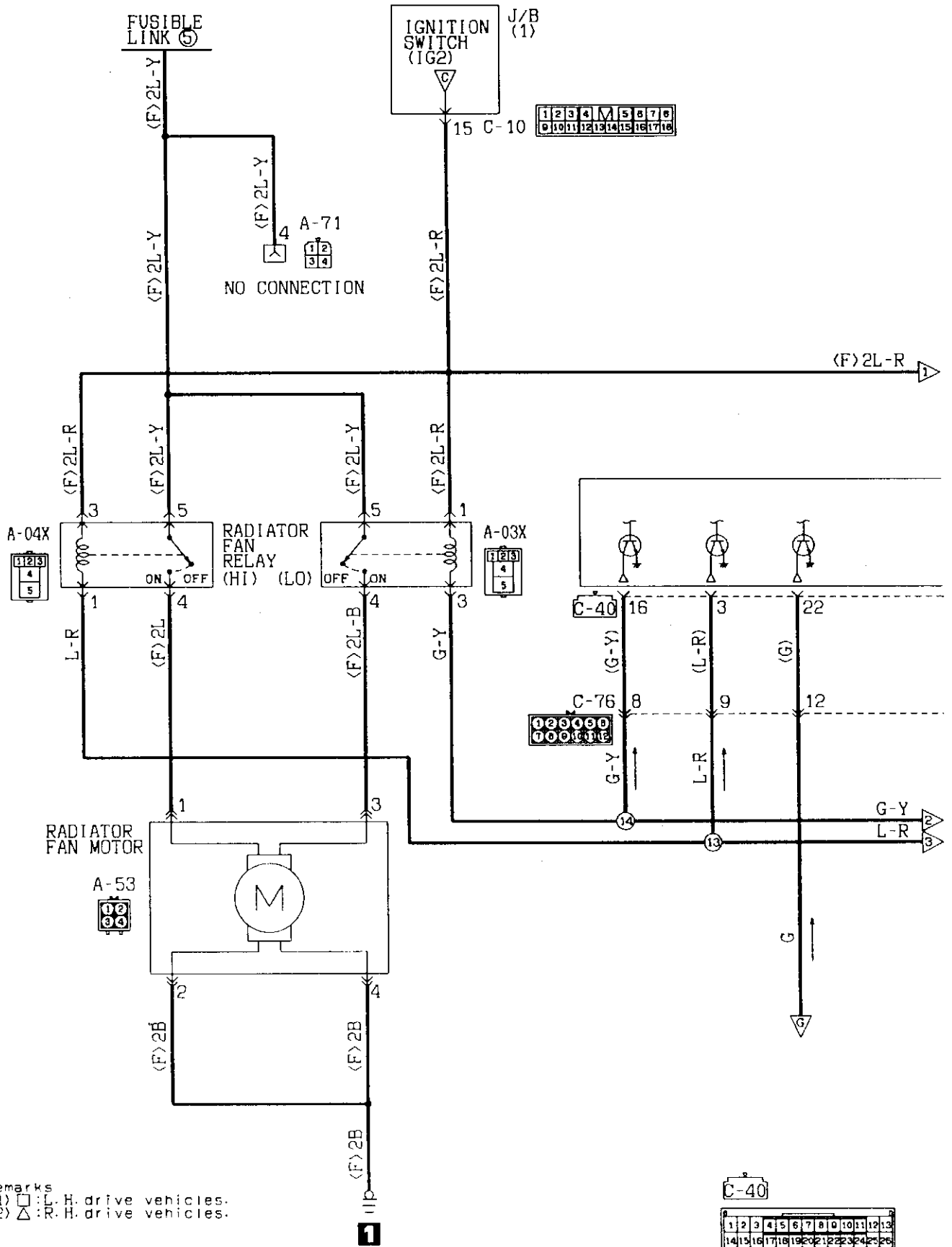


KX35-AC-F1202-EC

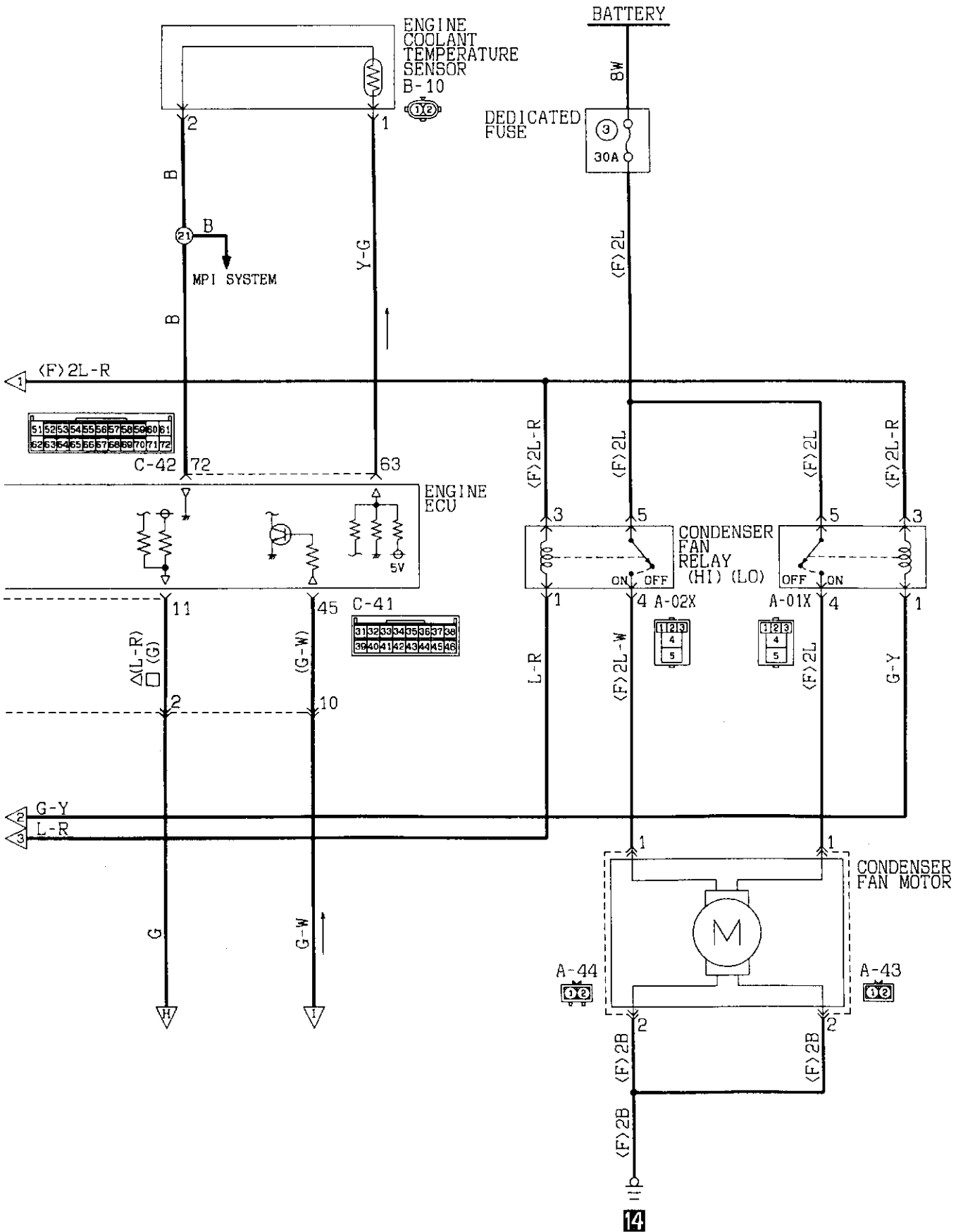


Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.

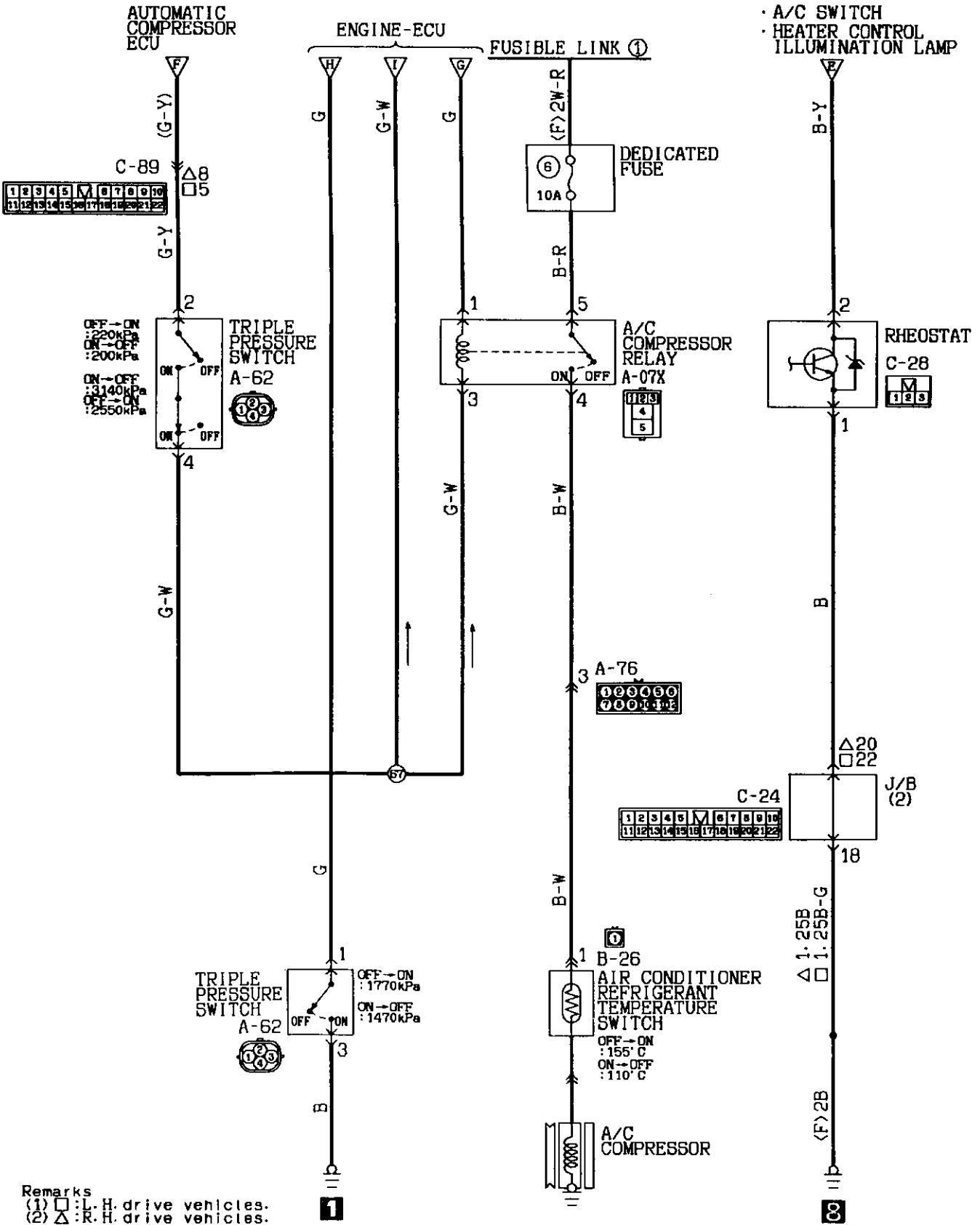
HEATER AND MANUAL AIR CONDITIONER  
(Petrol-powered vehicles) <4WD> (CONTINUED)



KX35-AC-F1202A-EC



HEATER AND MANUAL AIR CONDITIONER  
(Petrol-powered vehicles) <4WD> <CONTINUED>



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

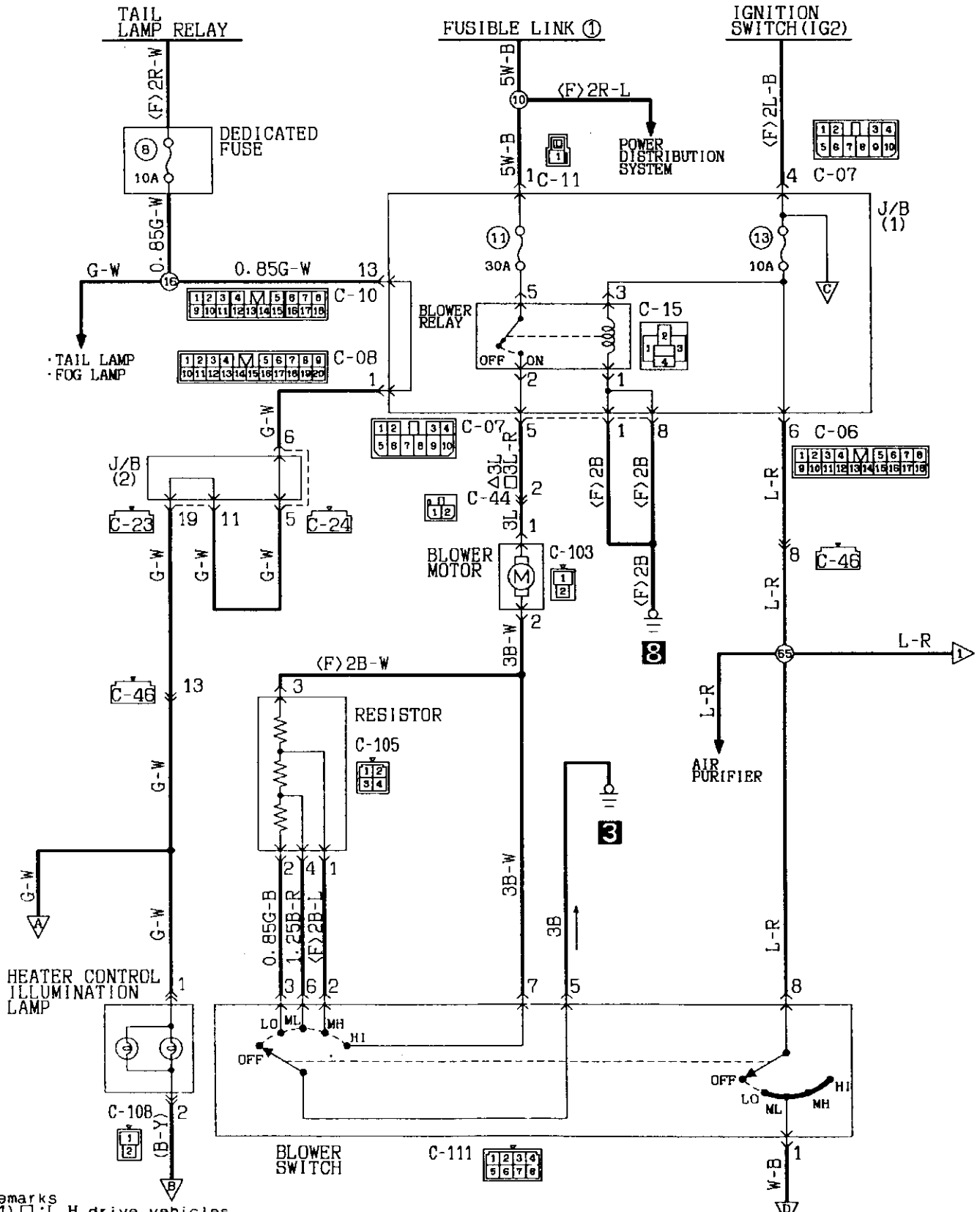
KX35-AC-F1202B-EC



**NOTES**

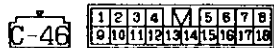
# HEATER AND MANUAL AIR CONDITIONER

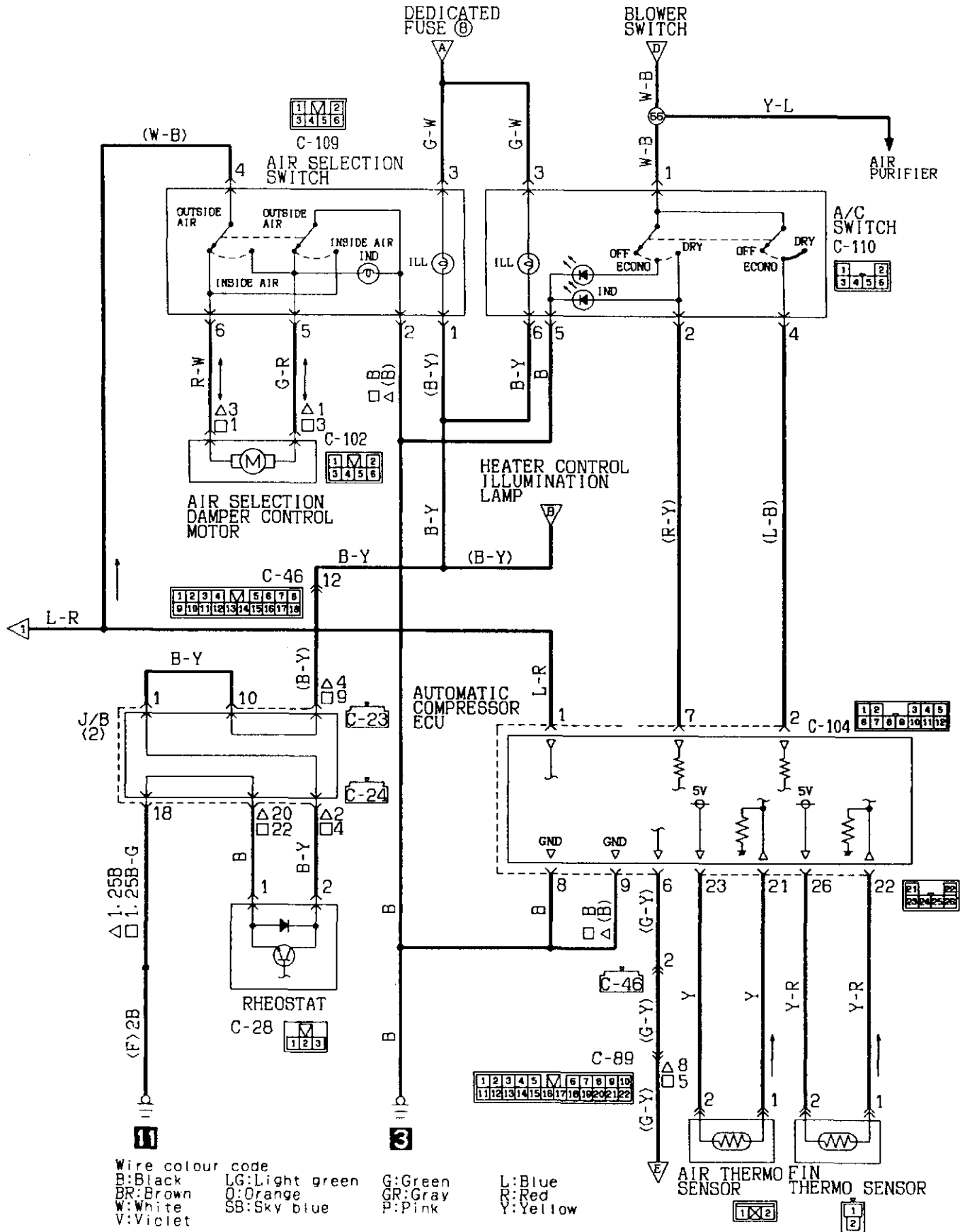
Diesel-powered vehicles



Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.

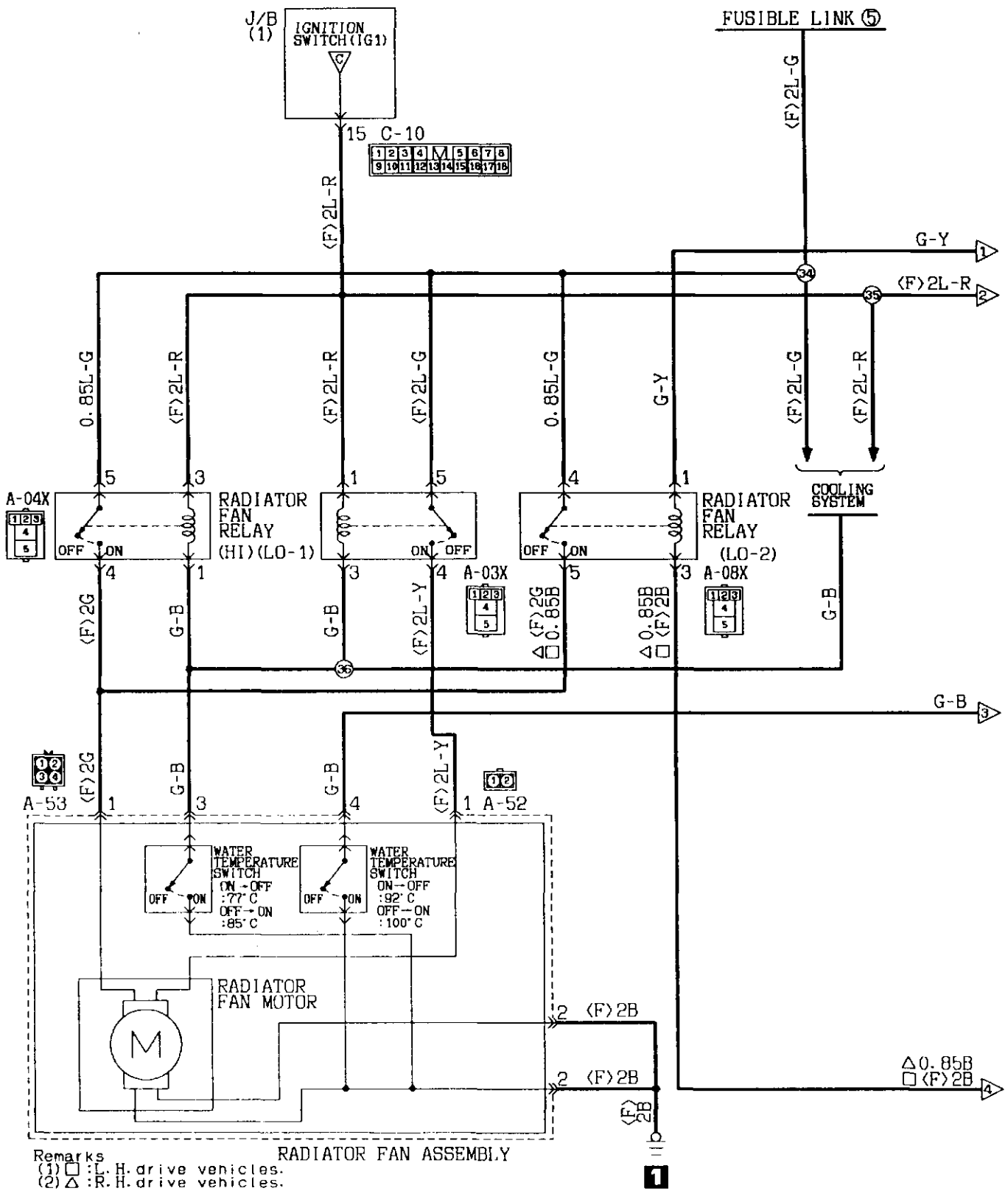
KX35-AC-F1203-EC





Wire colour code  
 B:Black      LG:Light green      G:Green      L:Blue  
 BR:Brown    O:Orange            GR:Gray      R:Red  
 W:White      SB:Sky blue        P:Pink        Y:Yellow  
 V:Violet

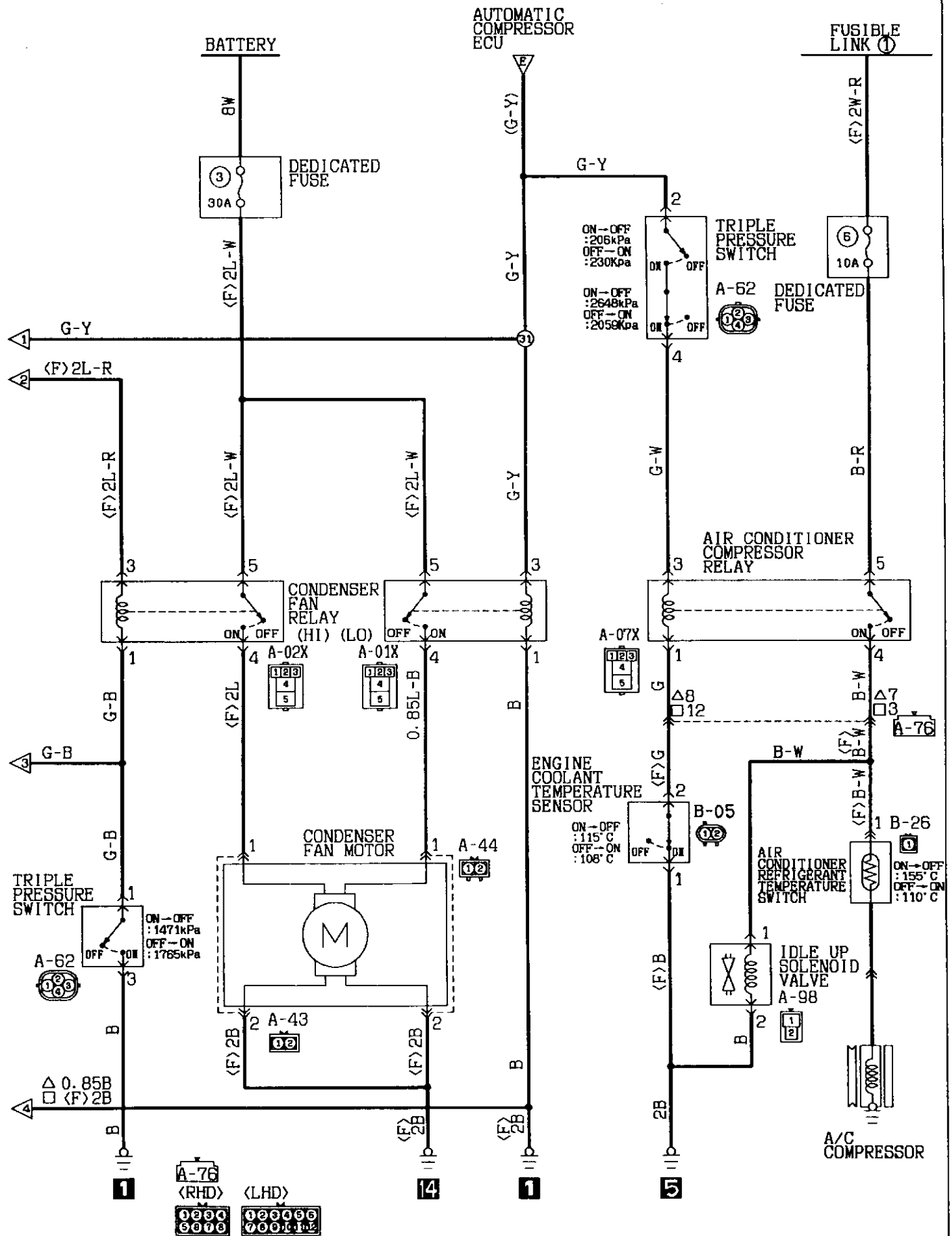
HEATER AND MANUAL AIR CONDITIONER  
(Diesel-powered vehicles)  
(CONTINUED)



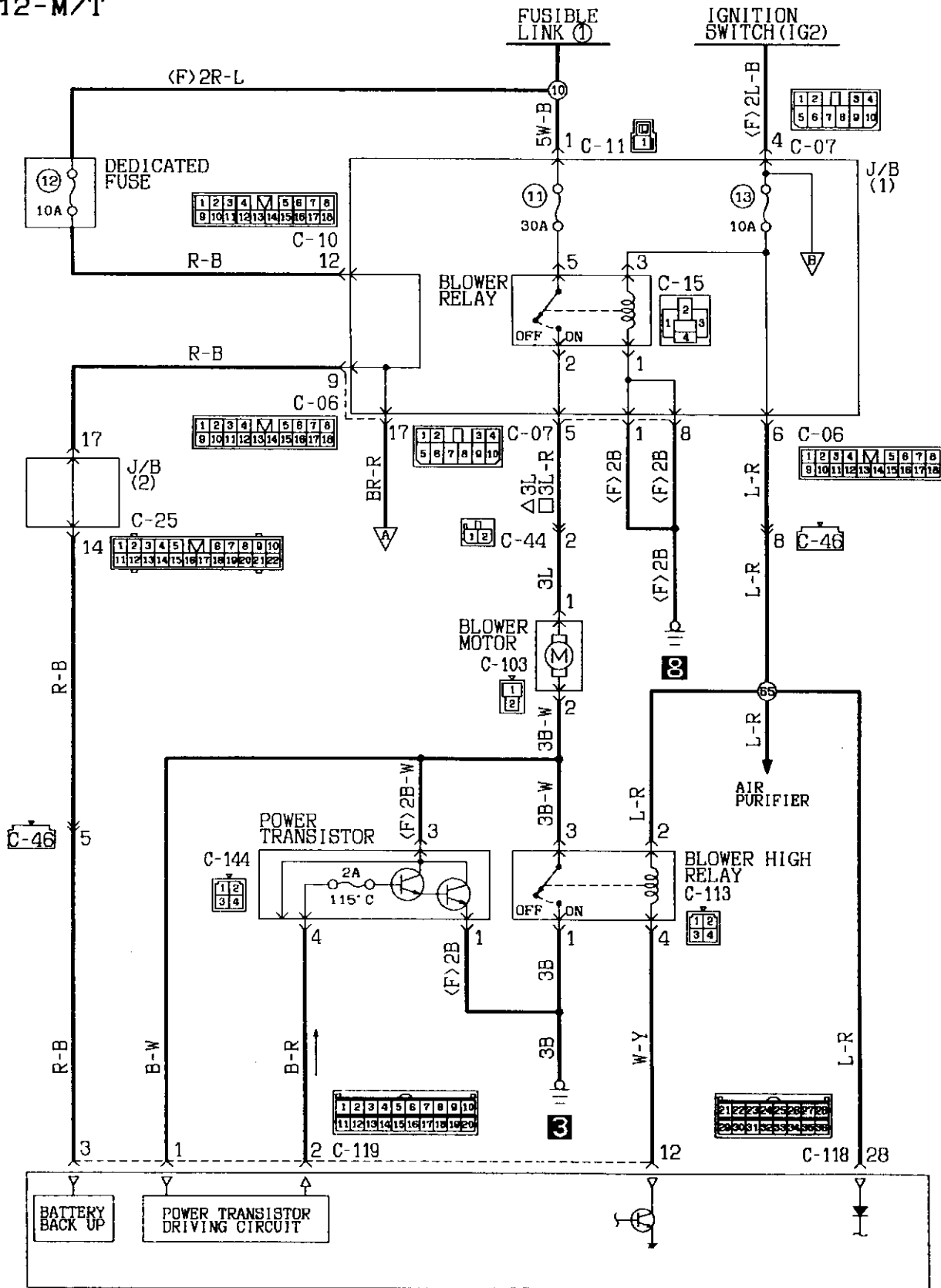
Remarks  
(1) □ : L. H. drive vehicles.  
(2) △ : R. H. drive vehicles.

Wire colour code  
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F1203A-EC



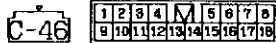
FULL AUTOMATIC AIR CONDITIONER  
6A12-M/T

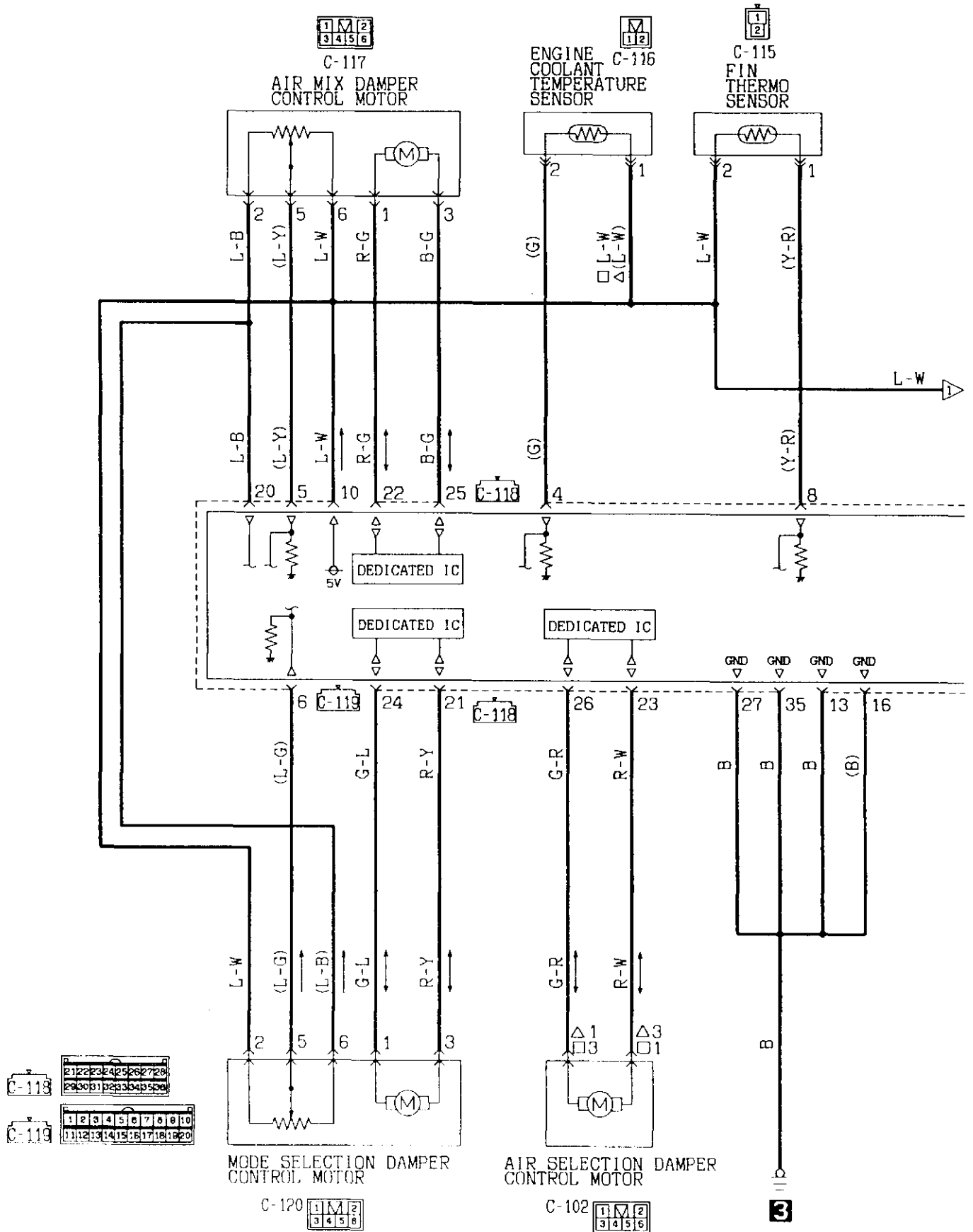


A/C CONTROL  
PANEL AND  
ECU ASSEMBLY

Remarks  
(1): □ L.H. drive vehicles.  
(2): △ R.H. drive vehicles.

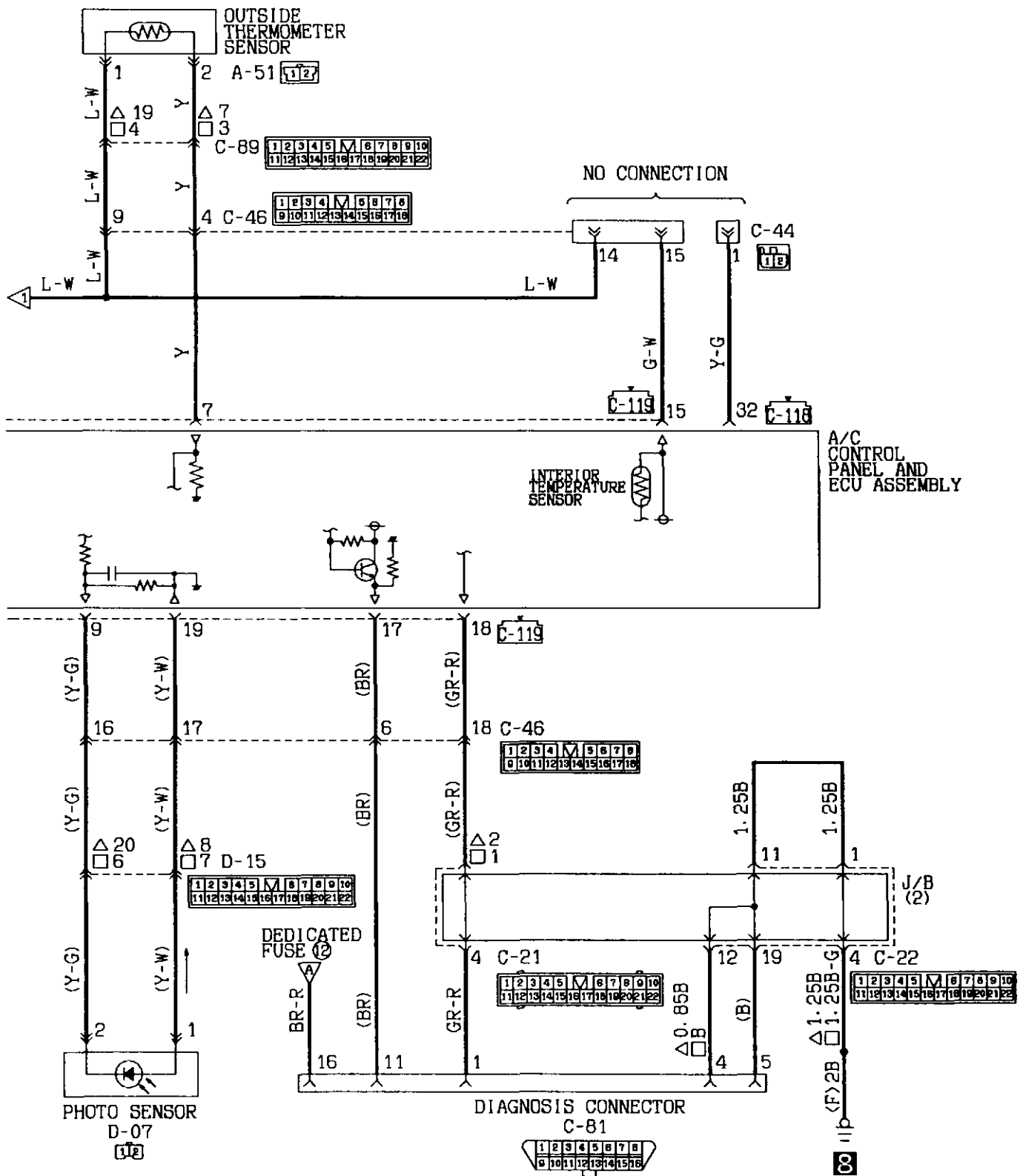
KX35-AC-F1204-EC



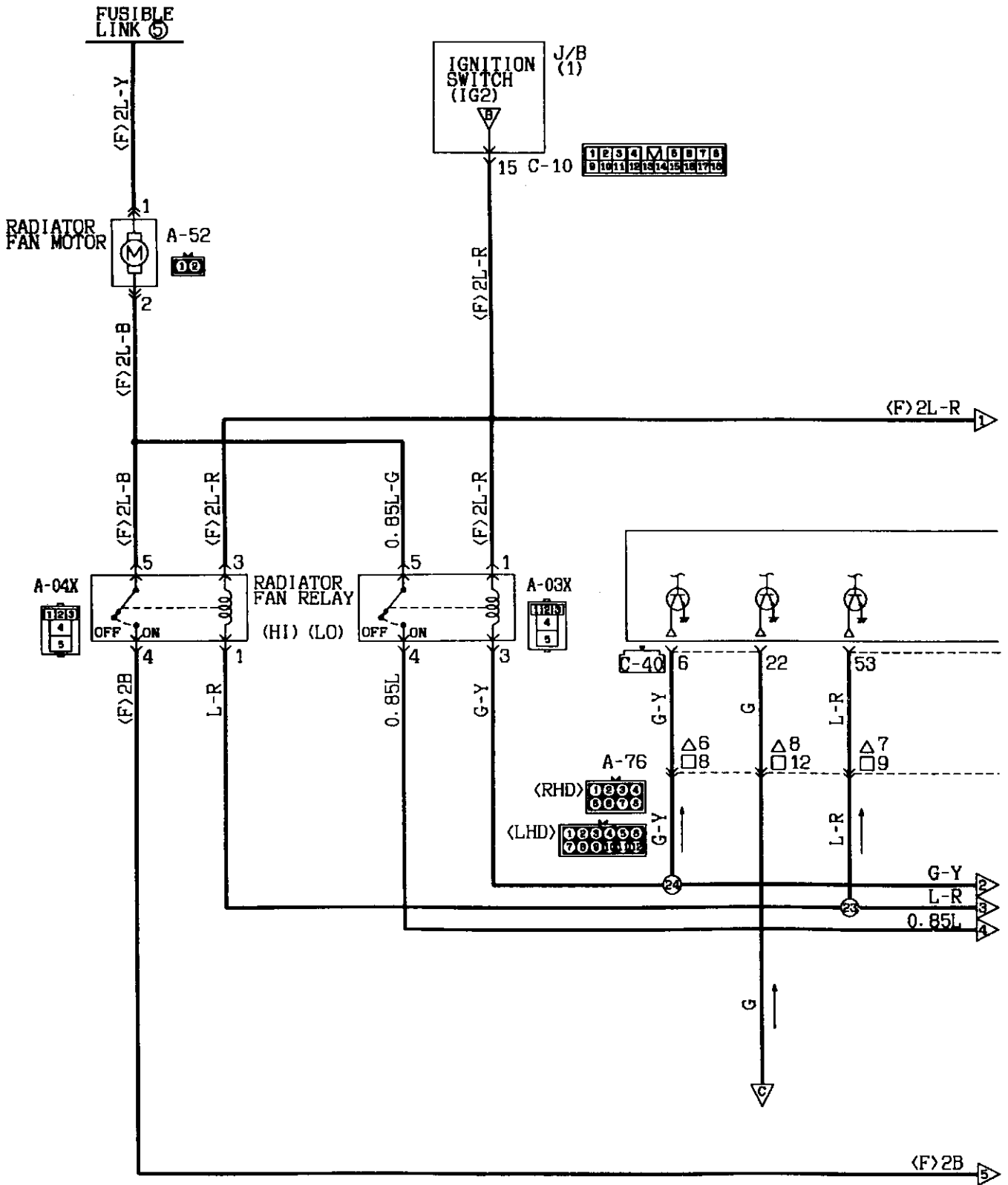


Wire colour code  
 B: Black LG: Light green G: Green L: Blue W: White Y: Yellow SB: Sky blue  
 BR: Brown O: Orange GR: Gray R: Red P: Pink V: Violet

FULL AUTOMATIC AIR CONDITIONER (6A12-M/T)  
(CONTINUED)







Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.

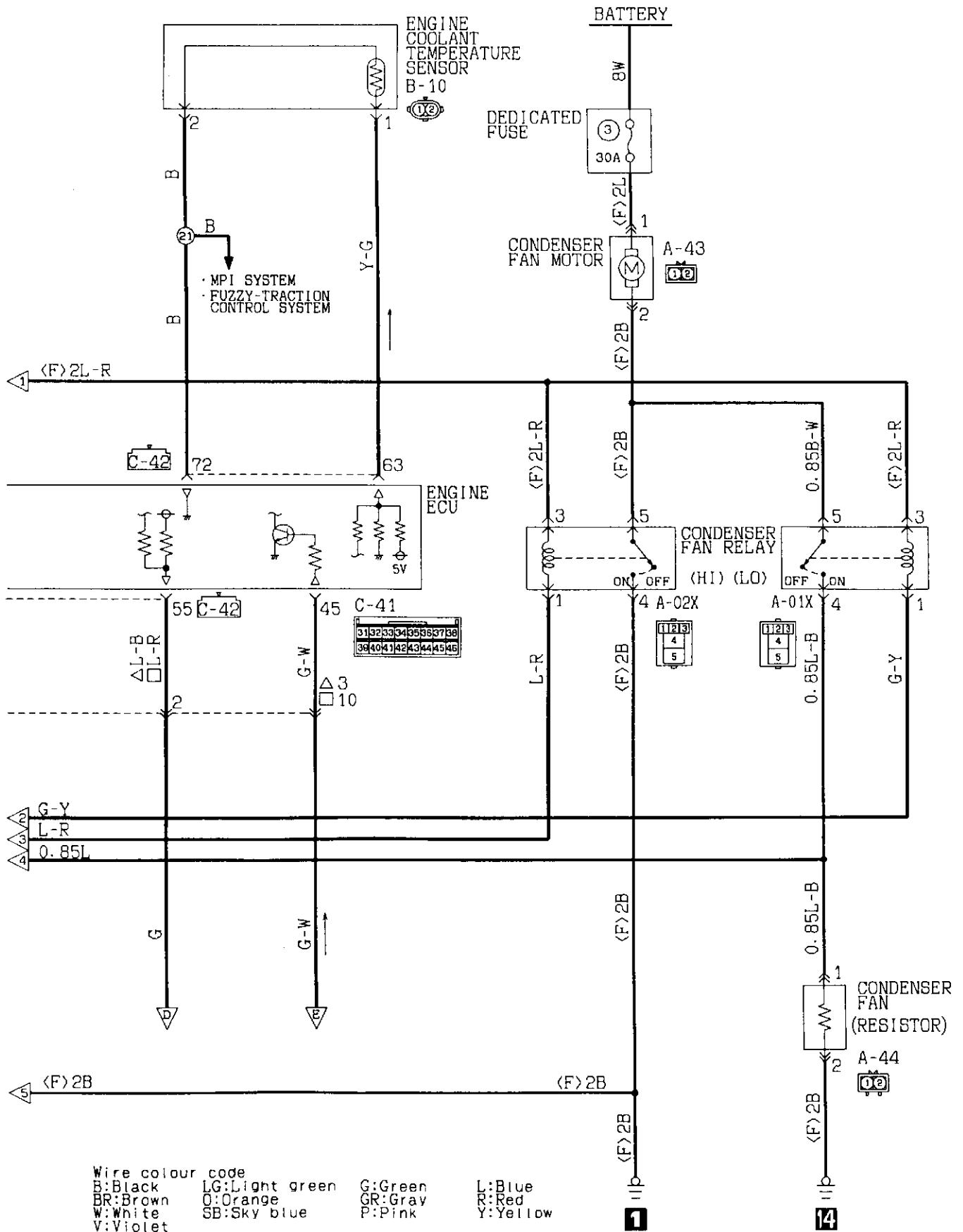
C-40

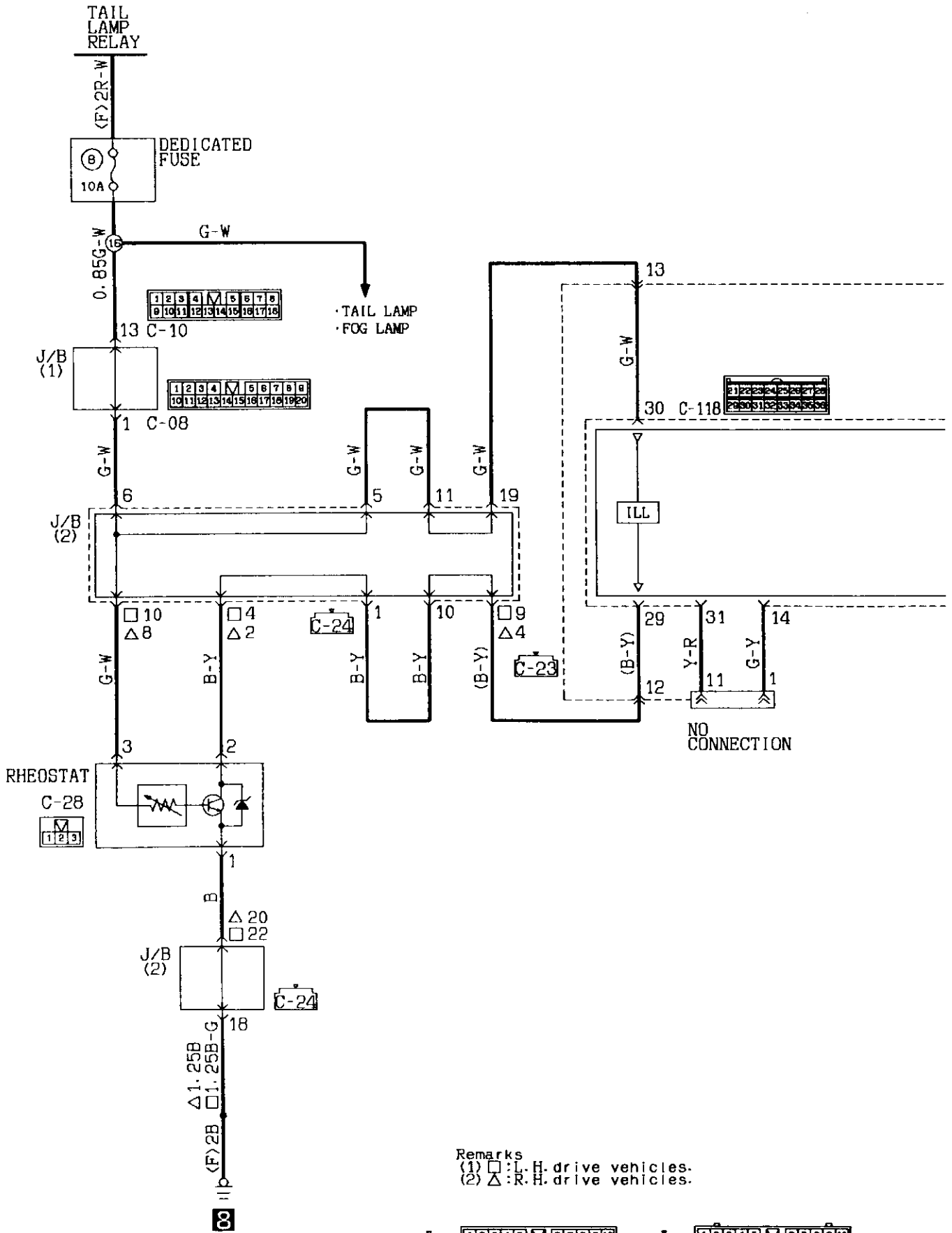
|    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

C-42

|    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 |
| 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 |

FULL AUTOMATIC AIR CONDITIONER <6A12-M/T> (CONTINUED)

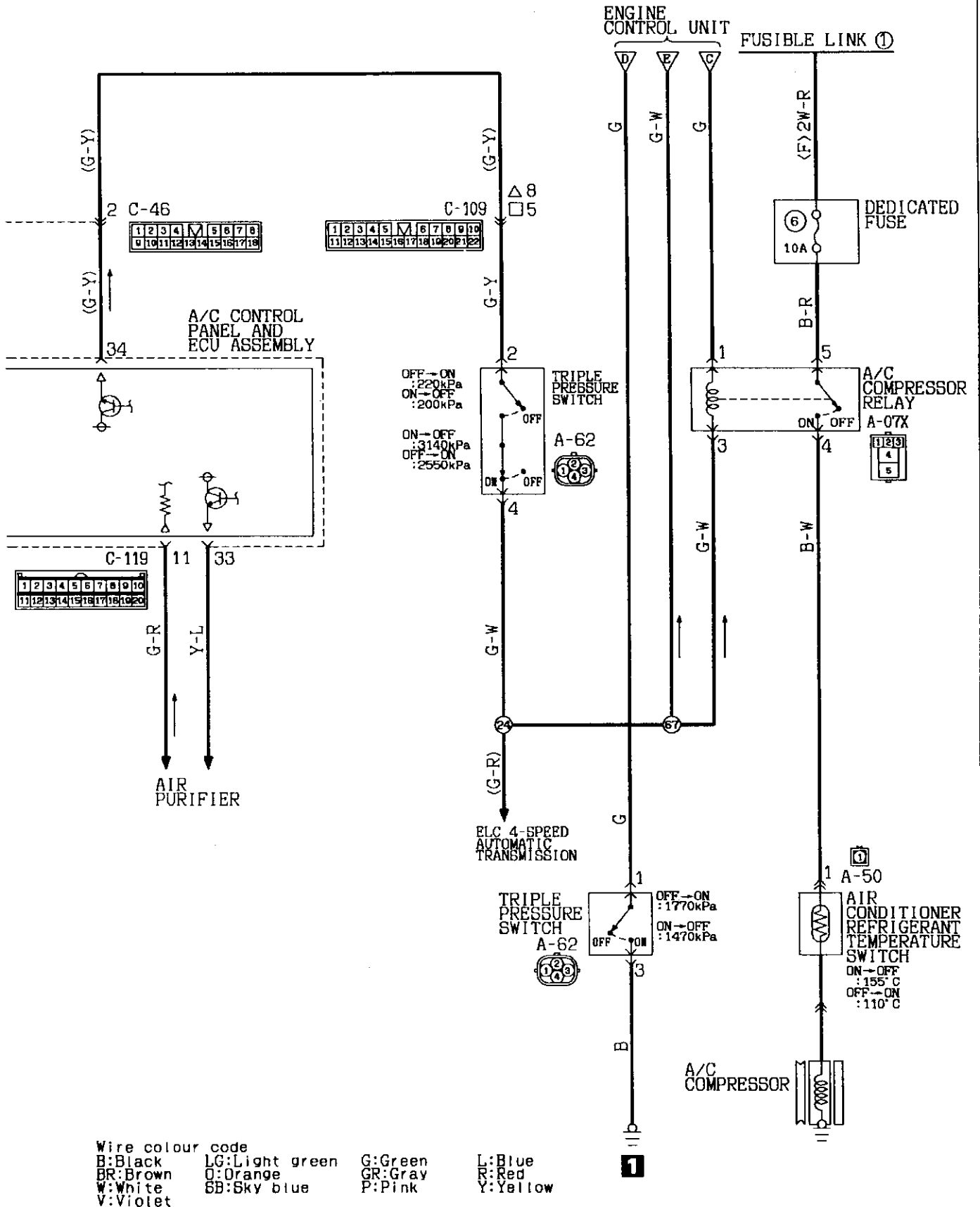




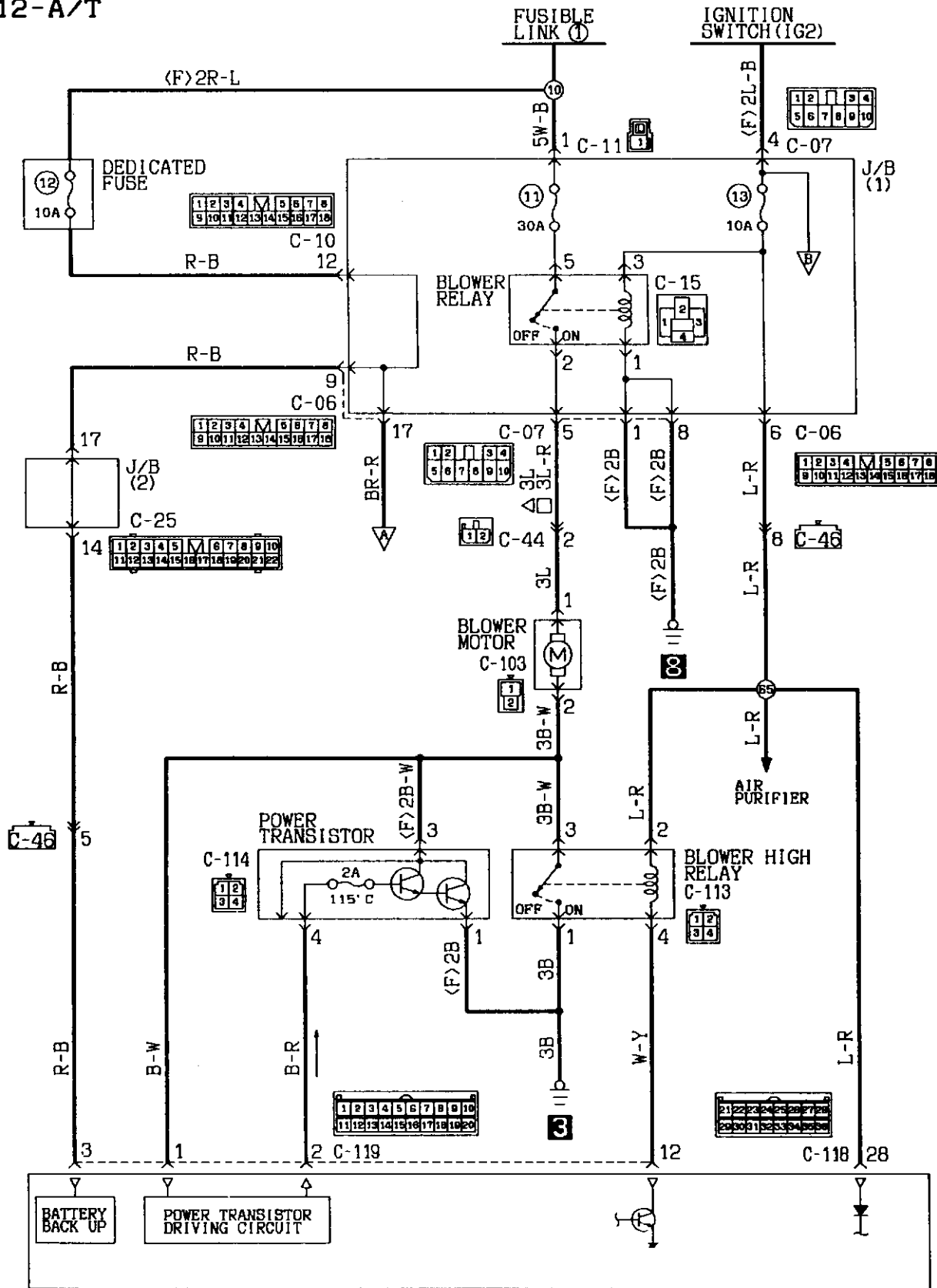
KX35-AC-F1204C-EC



FULL AUTOMATIC AIR CONDITIONER (6A12-M/T)  
(CONTINUED)



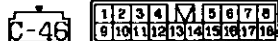
FULL AUTOMATIC AIR CONDITIONER  
6A12-A/T



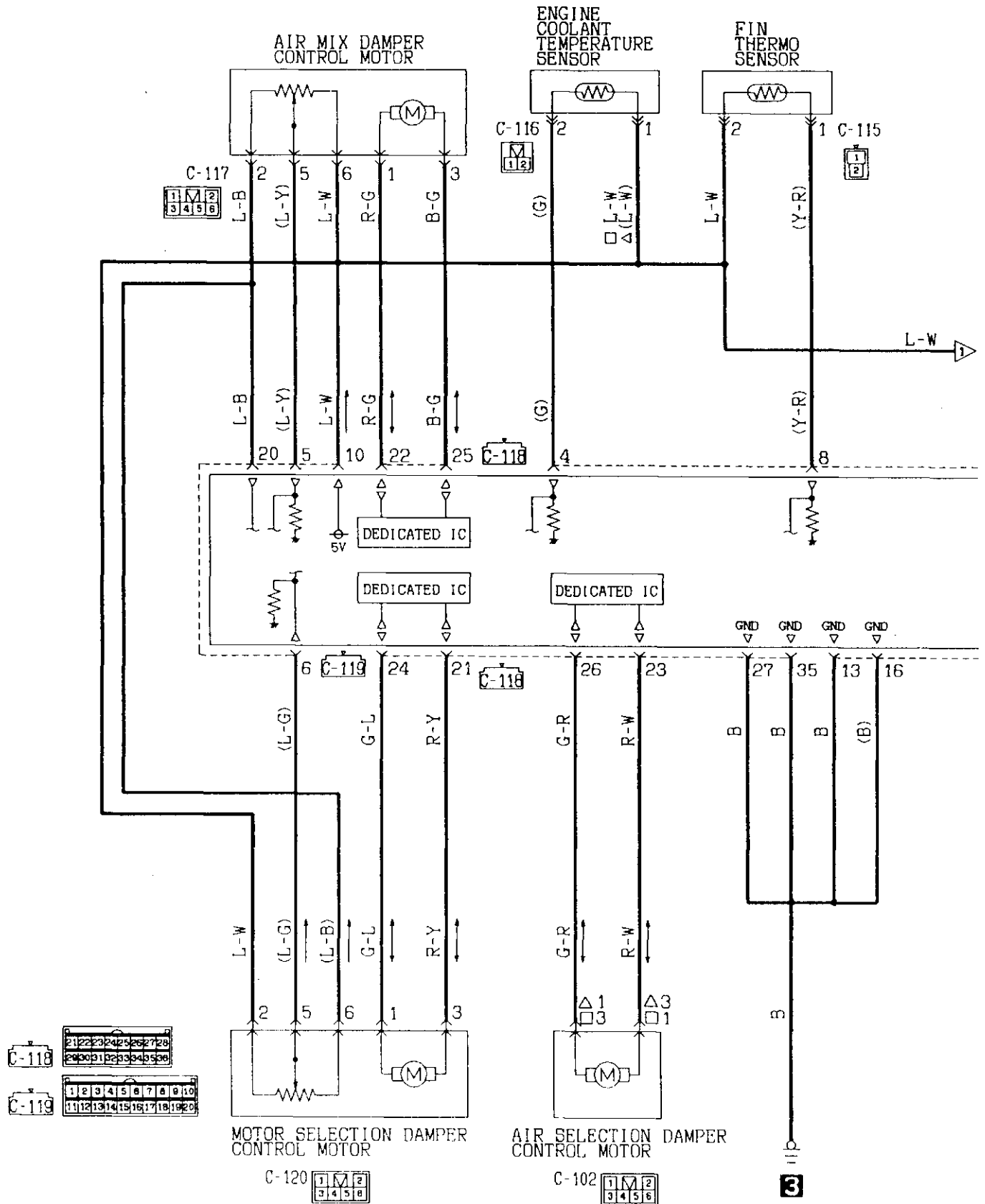
A/C CONTROL  
PANEL AND  
ECU ASSEMBLY

Remarks  
(1): □ L. H. drive vehicles.  
(2): △ R. H. drive vehicles.

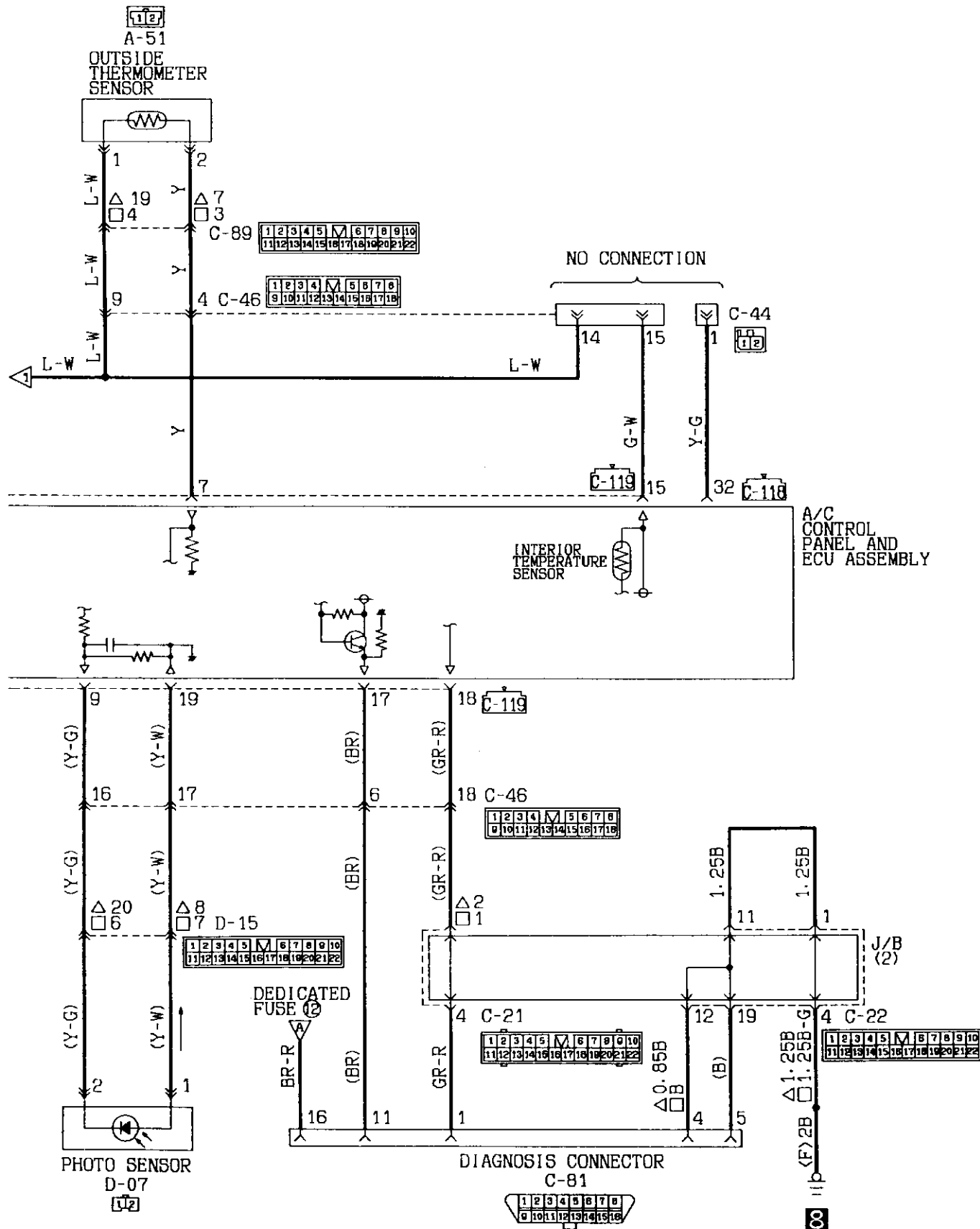
KX35-AC-F1205-EC



FULL AUTOMATIC AIR CONDITIONER <6A12-A/T> (CONTINUED)

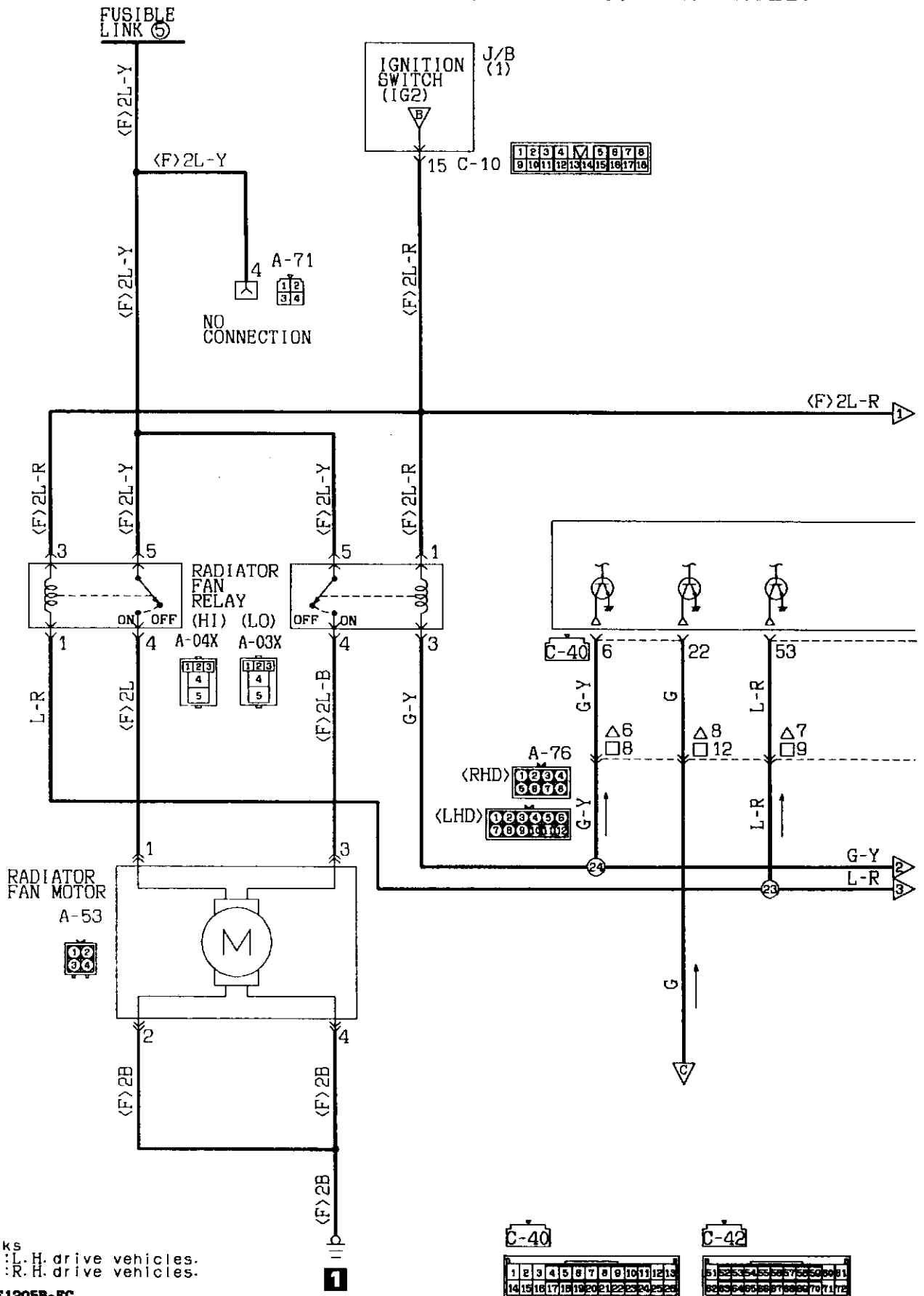


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 RR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



Remarks  
 (1) □: L. H. drive vehicles.  
 (2) △: R. H. drive vehicles.

FULL AUTOMATIC AIR CONDITIONER <6A12-A/T> (CONTINUED)



Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.

KX35-AC-F1205B-EC

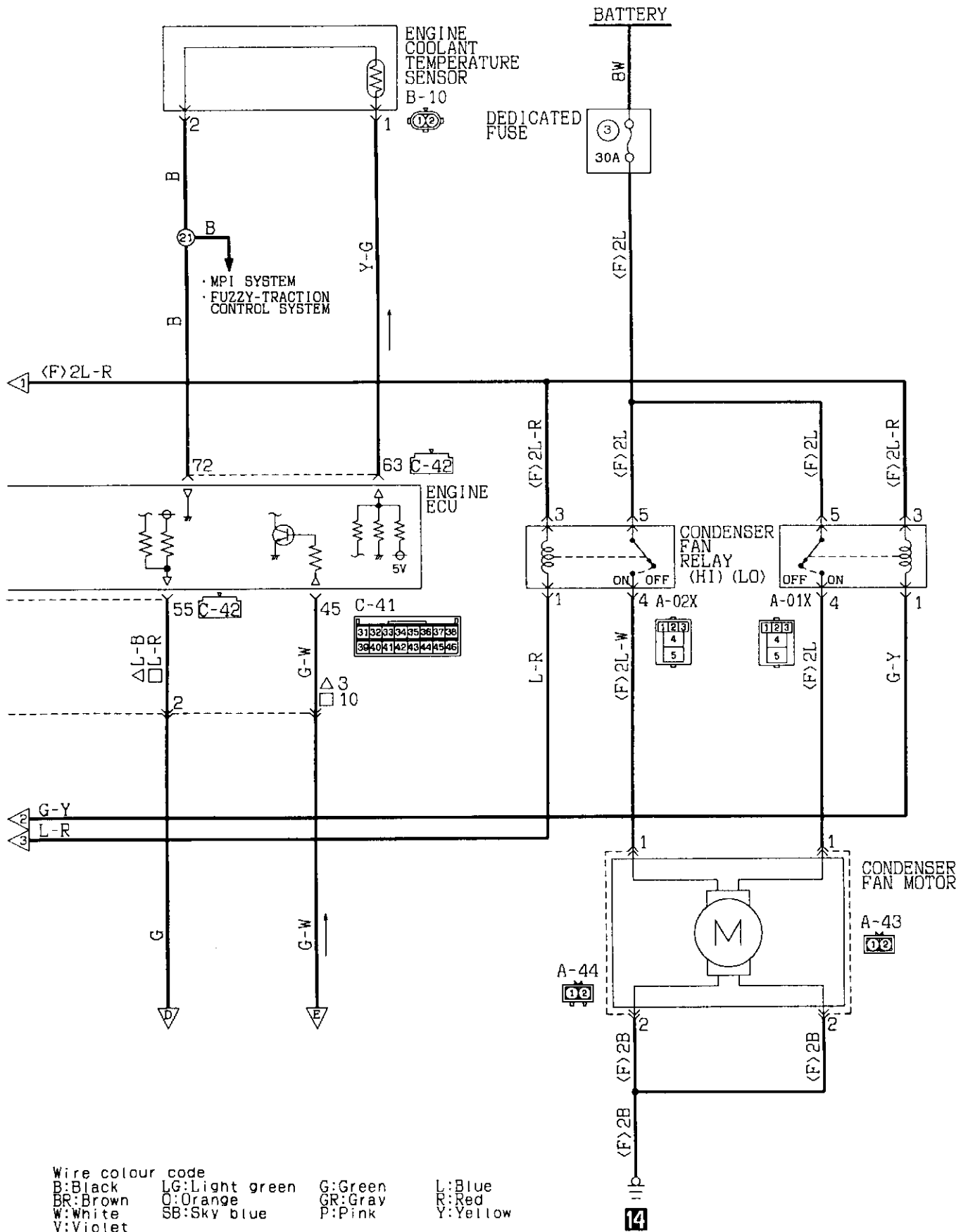
C-40

|    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

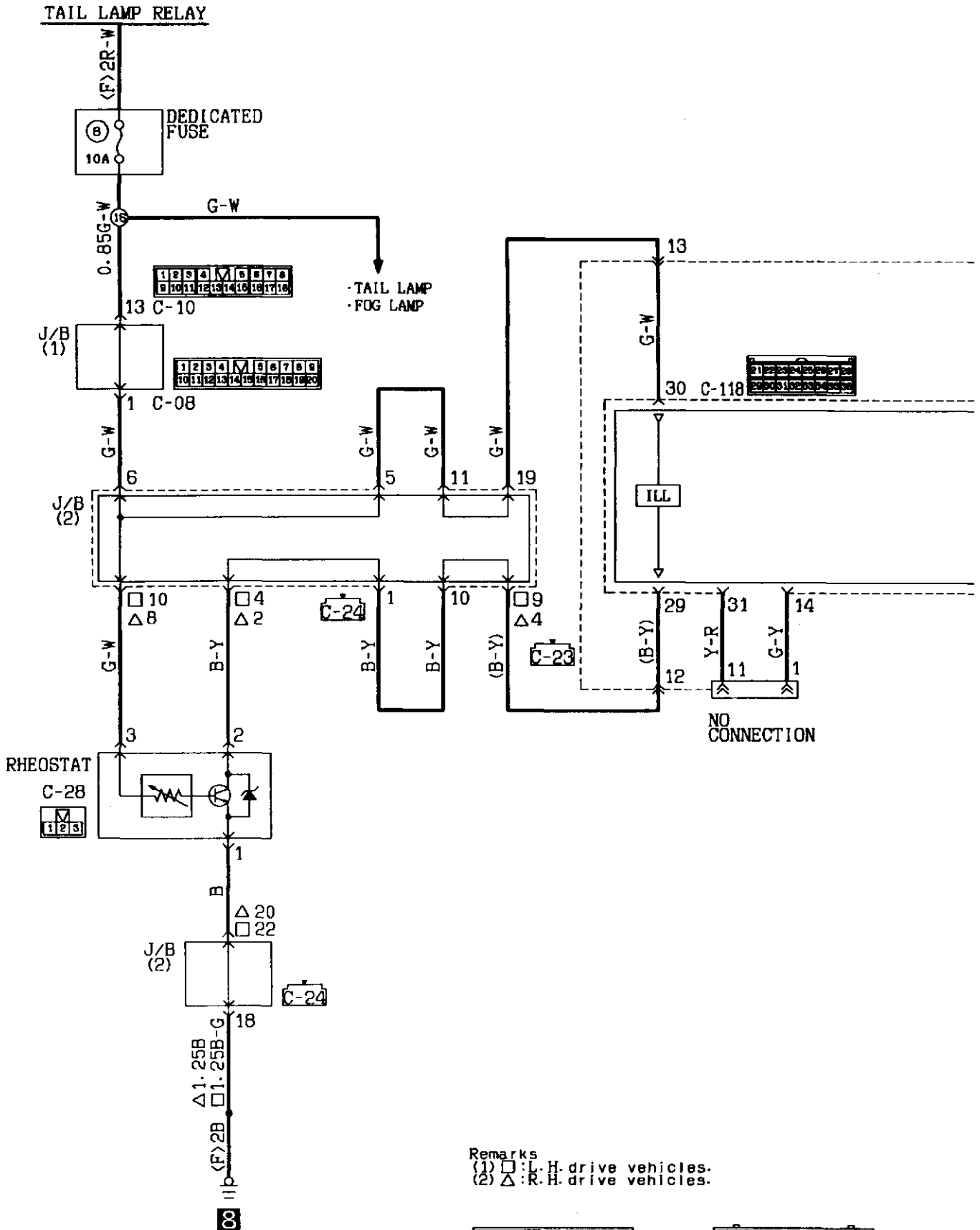
C-42

|    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 |
| 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 |



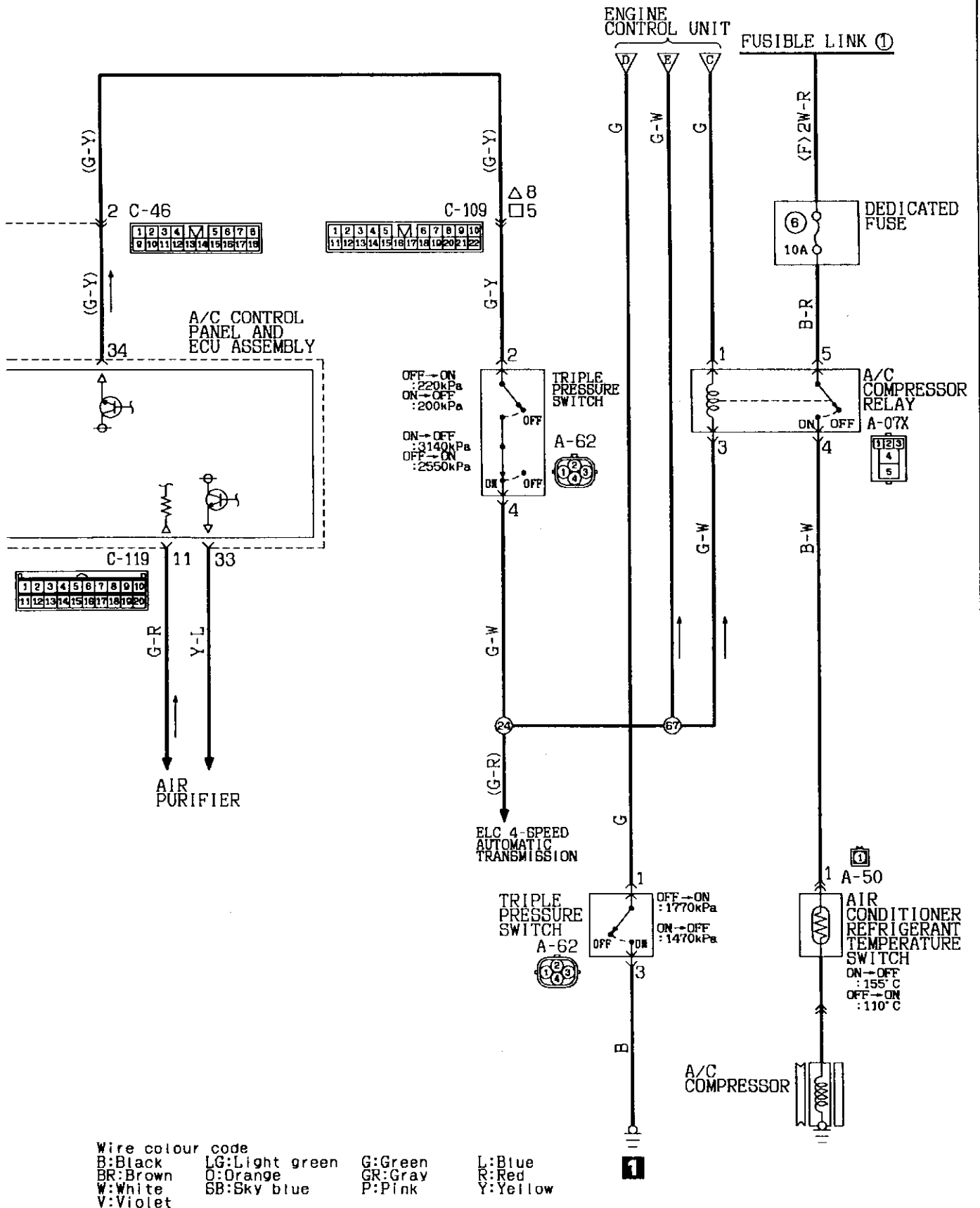


FULL AUTOMATIC AIR CONDITIONER <6A12-A/T> (CONTINUED)



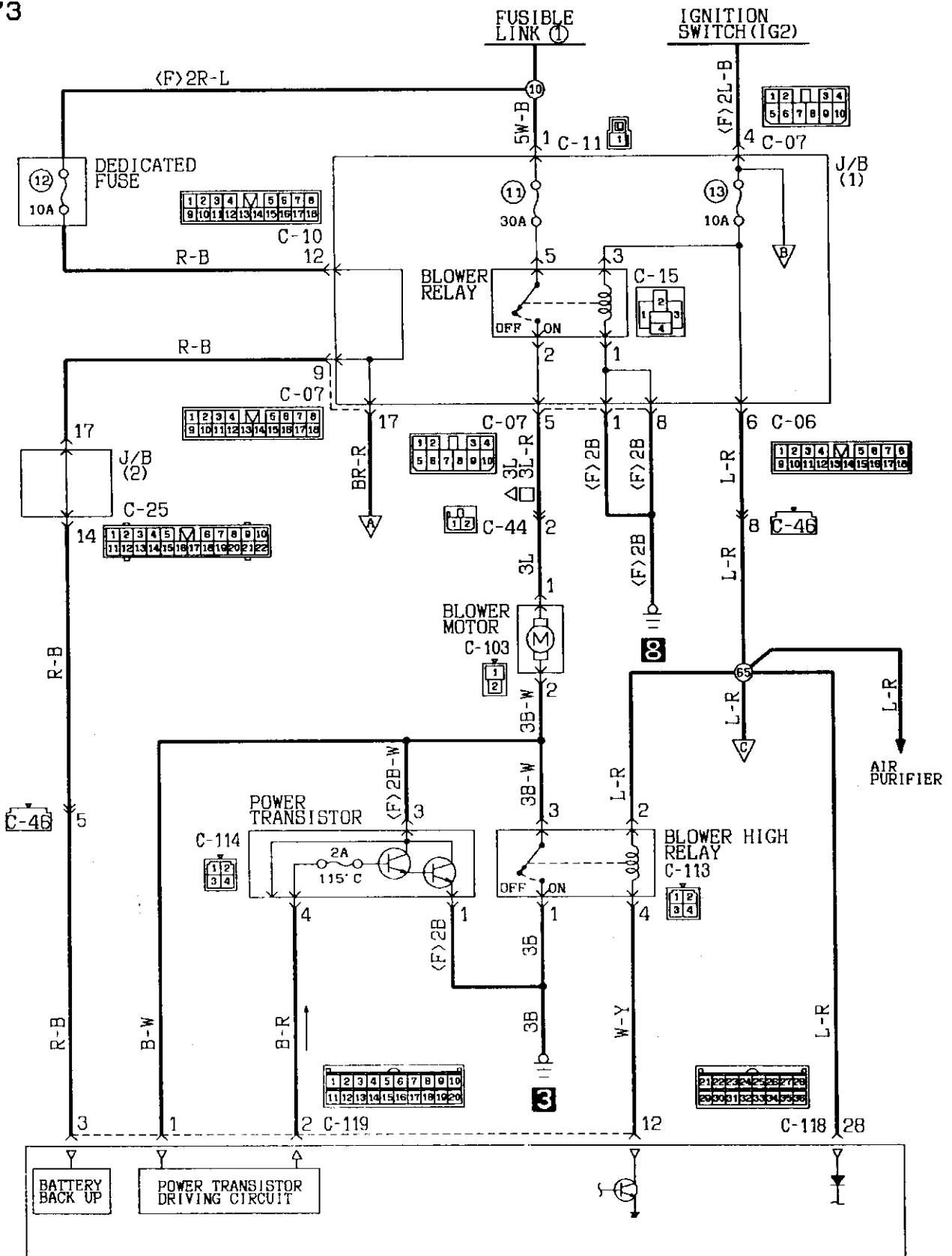
Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.





**NOTES**

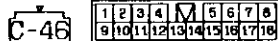
FULL AUTOMATIC AIR CONDITIONER  
6G73



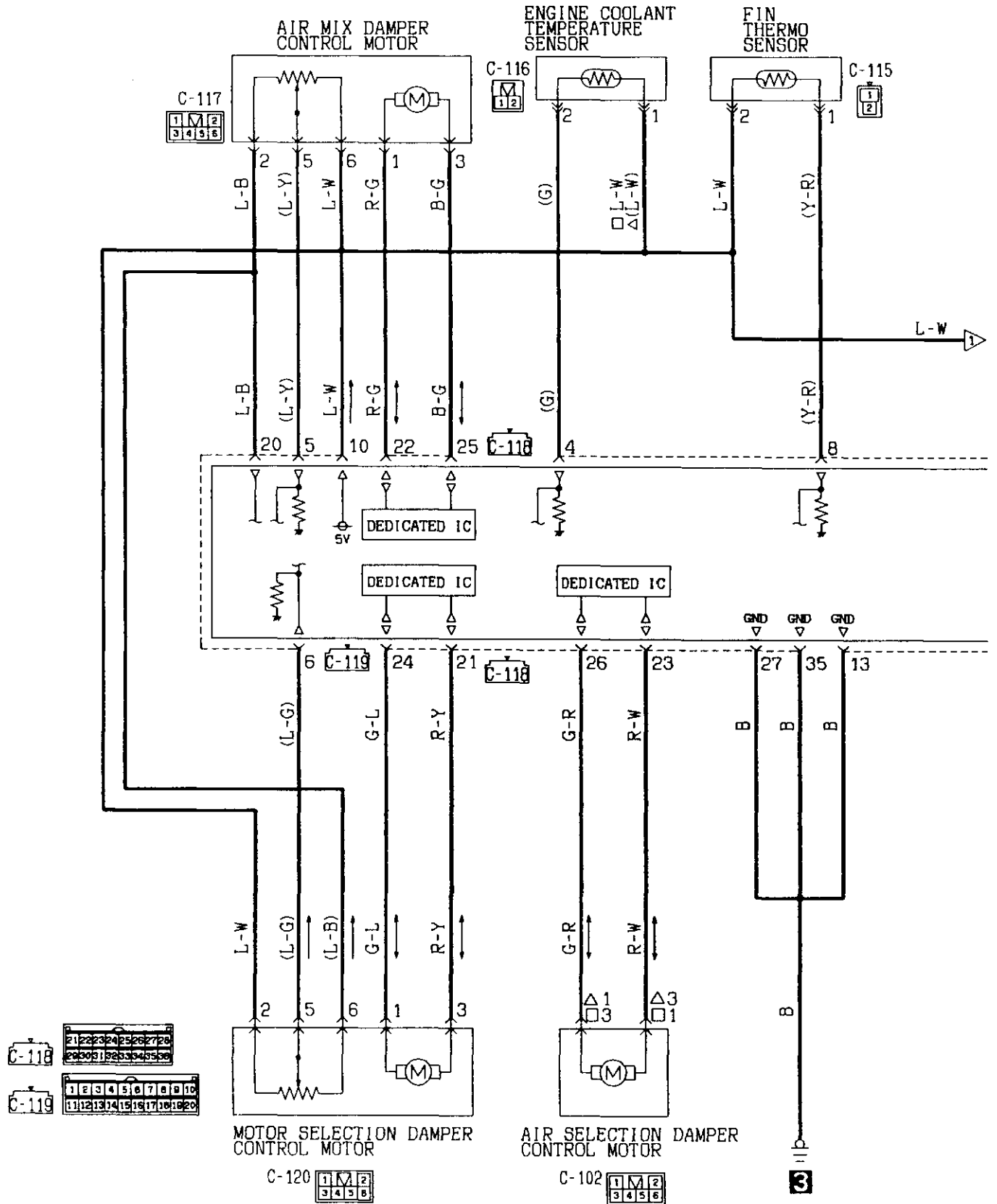
A/C CONTROL  
PANEL AND  
ECU ASSEMBLY

Remarks  
(1): □ L.H. drive vehicles.  
(2): △ R.H. drive vehicles.

KX35-AC-F1206-EC

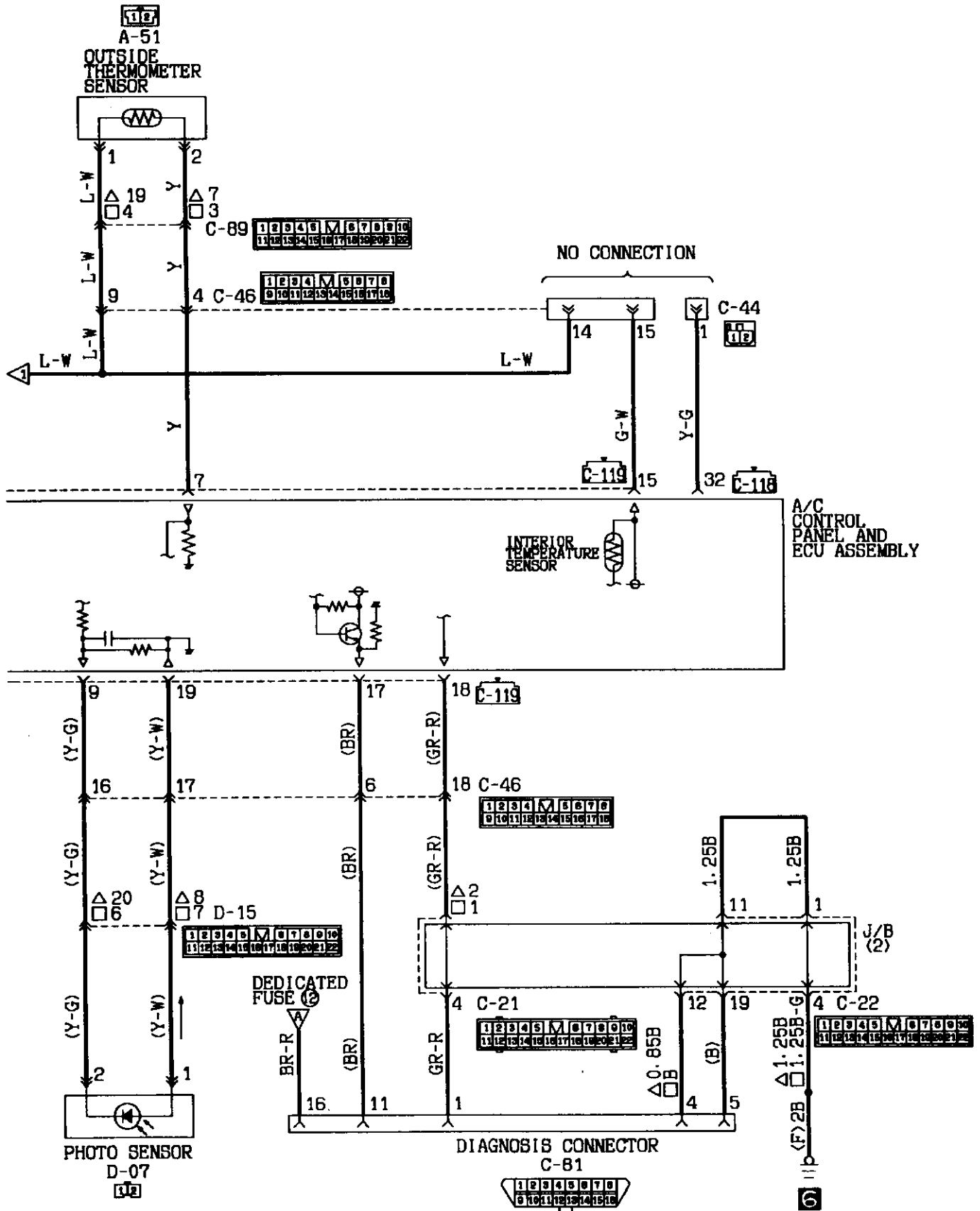


FULL AUTOMATIC AIR CONDITIONER <6G73> (CONTINUED)



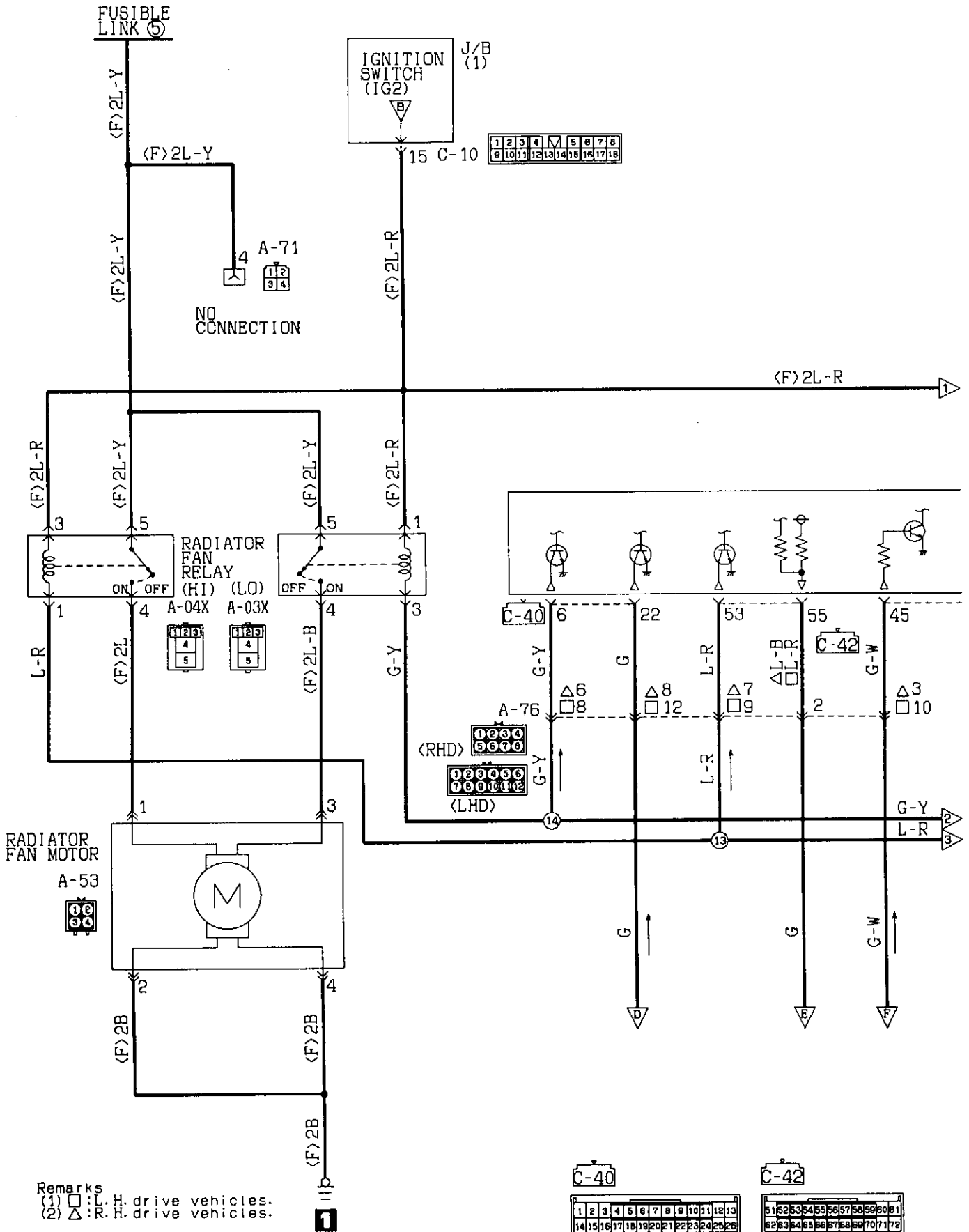
Wire colour code

B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



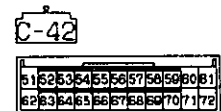
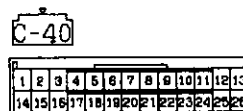
Remarks  
 (1) □: L. H. drive vehicles.  
 (2) △: R. H. drive vehicles.

FULL AUTOMATIC AIR CONDITIONER (6G73) (CONTINUED)

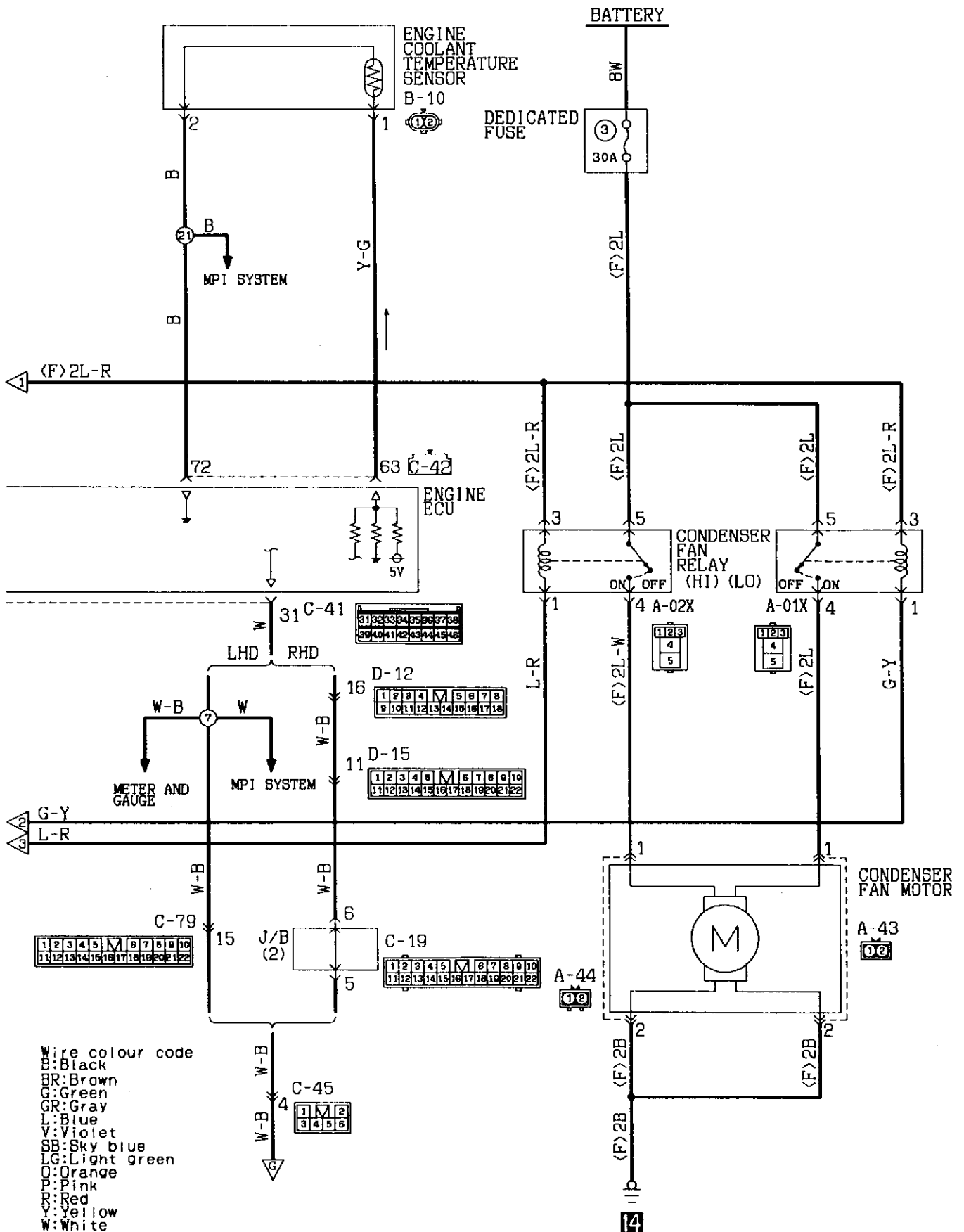


Remarks  
 (1) □: L. H. drive vehicles.  
 (2) △: R. H. drive vehicles.

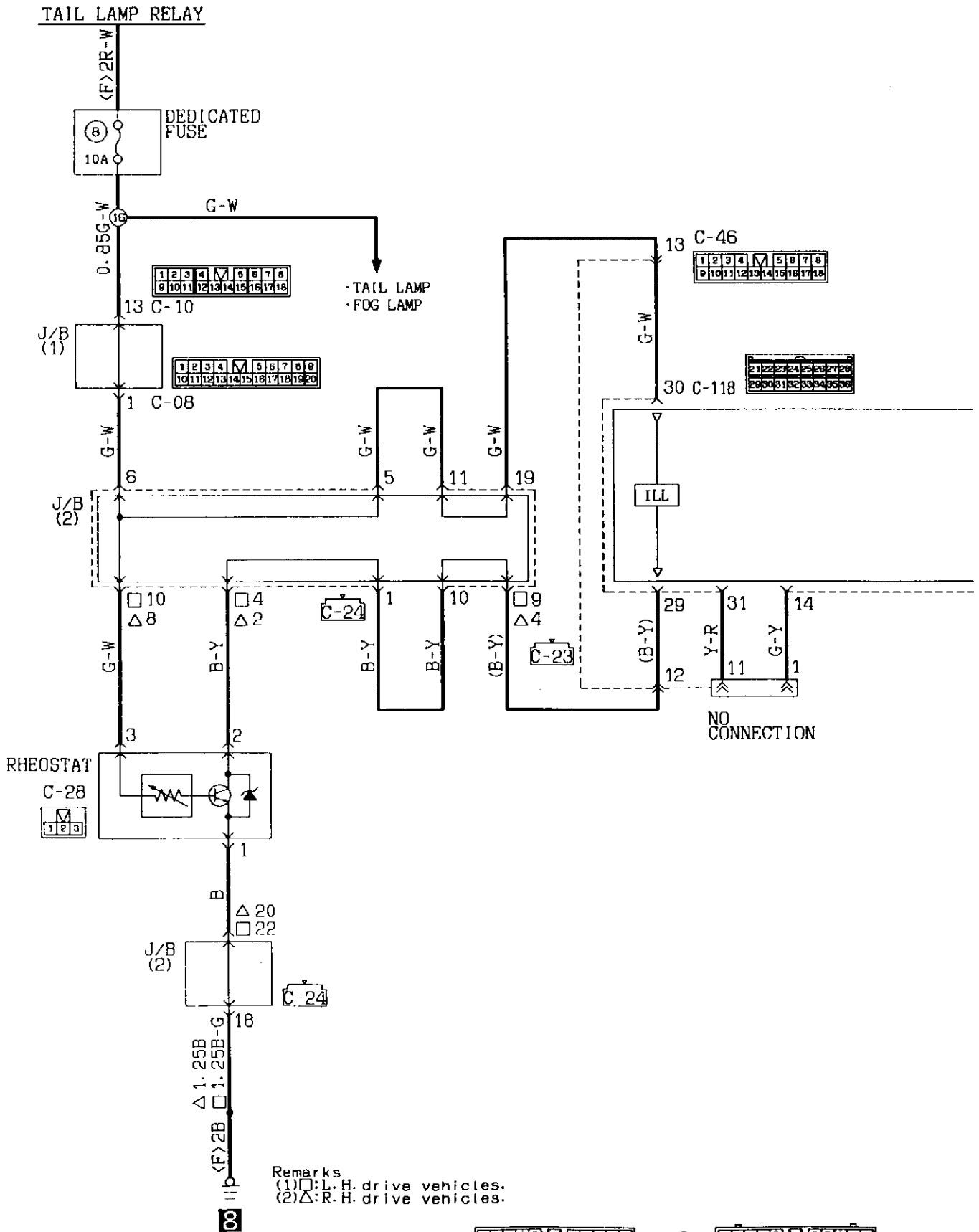
KX35-AC-F1206B-EC

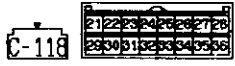






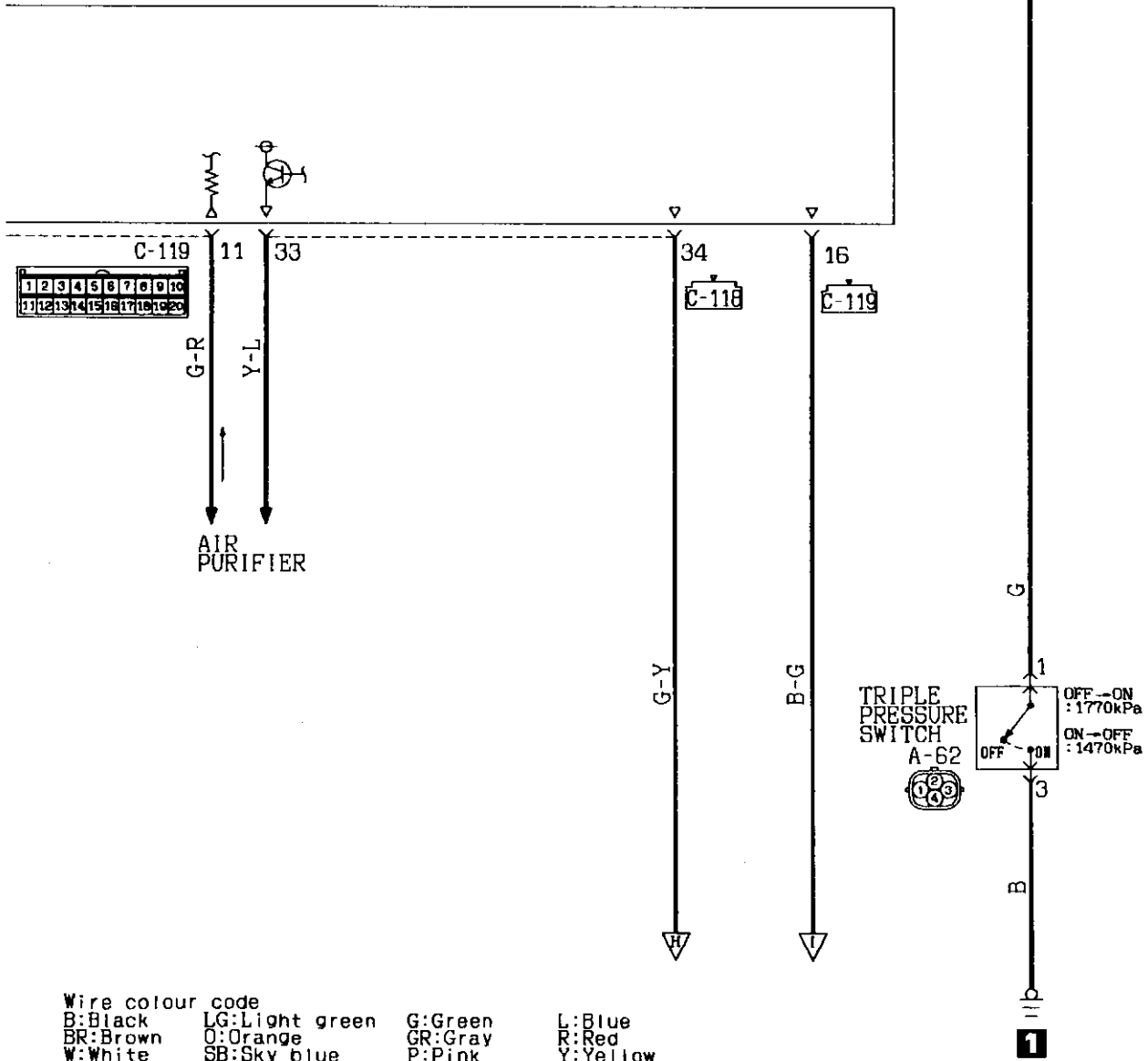
FULL AUTOMATIC AIR CONDITIONER (6G73) (CONTINUED)



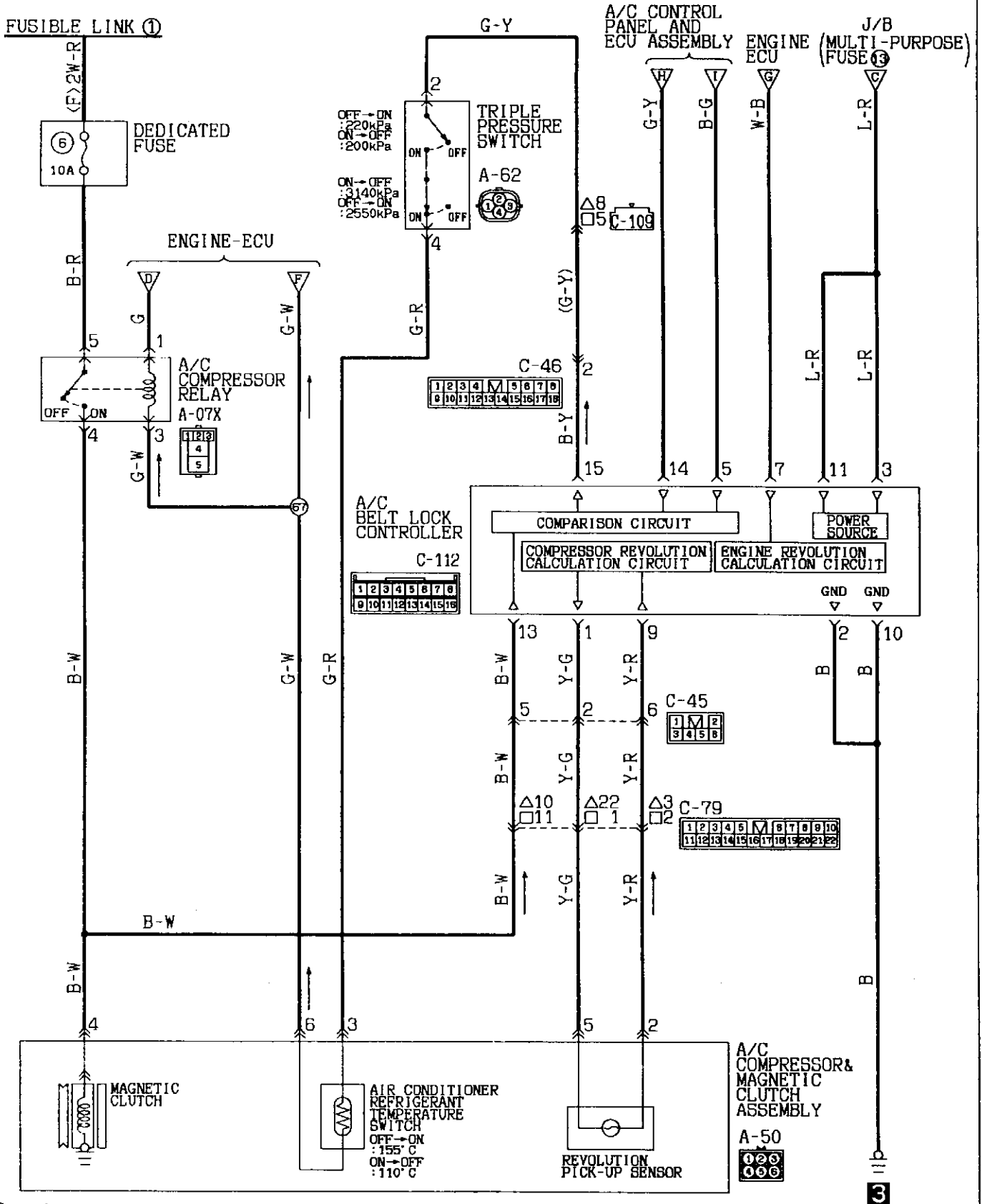


ENGINE CONTROL UNIT

A/C CONTROL PANEL AND ECU ASSEMBLY



FULL AUTOMATIC AIR CONDITIONER <6G73> (CONTINUED)



Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.

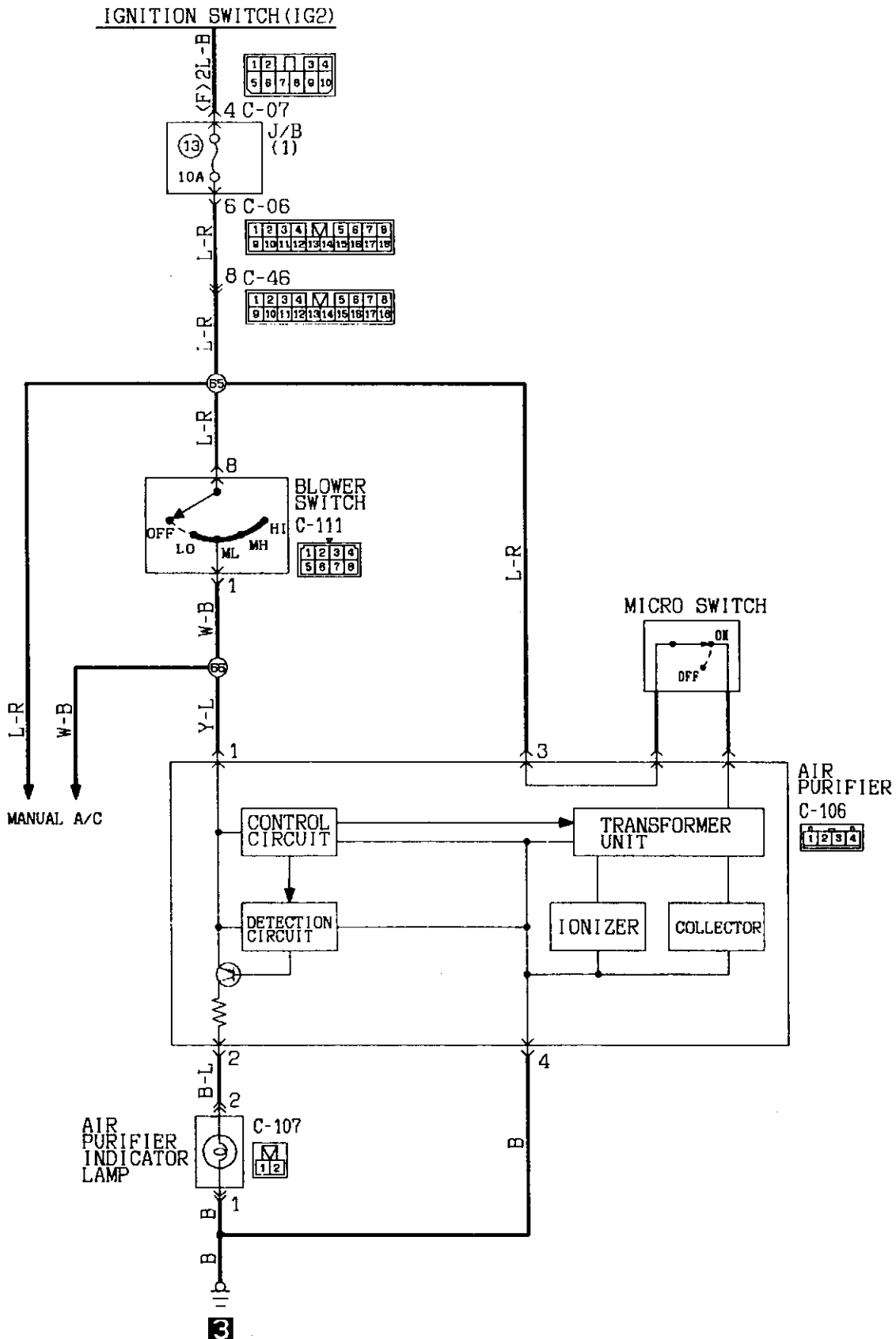
Wire colour code  
 B:Black LG:Light green G:Green L:Blue  
 BR:Brown O:Orange GR:Gray R:Red  
 W:White SB:Sky blue P:Pink Y:Yellow  
 V:Violet

KX35-AC-F1206D-EC



# AIR PURIFIER

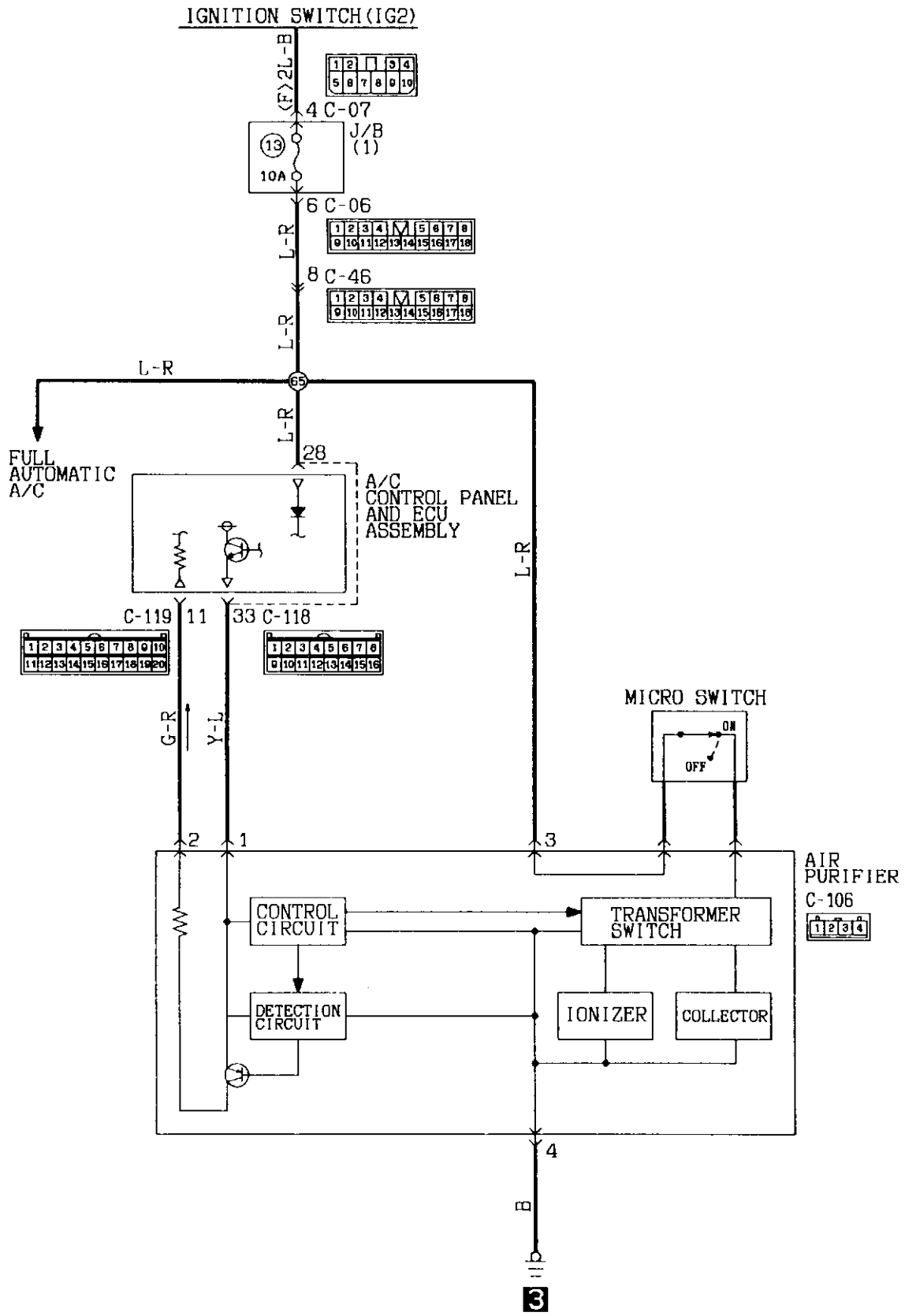
Without full automatic air conditioner



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

# AIR PURIFIER

With full automatic air conditioner



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

**WINDSHIELD WIPER AND WASHER** (See P. 4-208.)**OPERATION****<Low-speed (and high-speed) wiper operation>**

- When the wiper switch is placed in the LO position with the ignition switch in the ACC or ON position, wipers operate continuously at low speed.
- Placing the wiper switch in the HI position causes the wipers to operate at high speed.

**<Auto wiper stop operation>**

- When the wiper switch is placed in the OFF position, the cam contacts of wiper motor caused current to flow through the auto wiper stop circuit, allowing the wiper blades to cycle before they reach to the stop positions.

**<Intermittent wiper operation>**

- When the wiper switch is placed in the INT position with the ignition switch in ACC or ON position, the intermittent wiper relay is energized causing the intermittent wiper relay contacts to close and open repeatedly.
- When the contacts are closed, the wiper motor is energized.
- When the wiper motor is energized, the relay contacts open; however, the cam contacts keep the wiper motor energized until the wiper blades return to their stop position.

**<Washer-Wiper operation>**

- When the washer switch is turned ON, the intermittent wiper relay contacts close causing wipers to cycle two to three times.

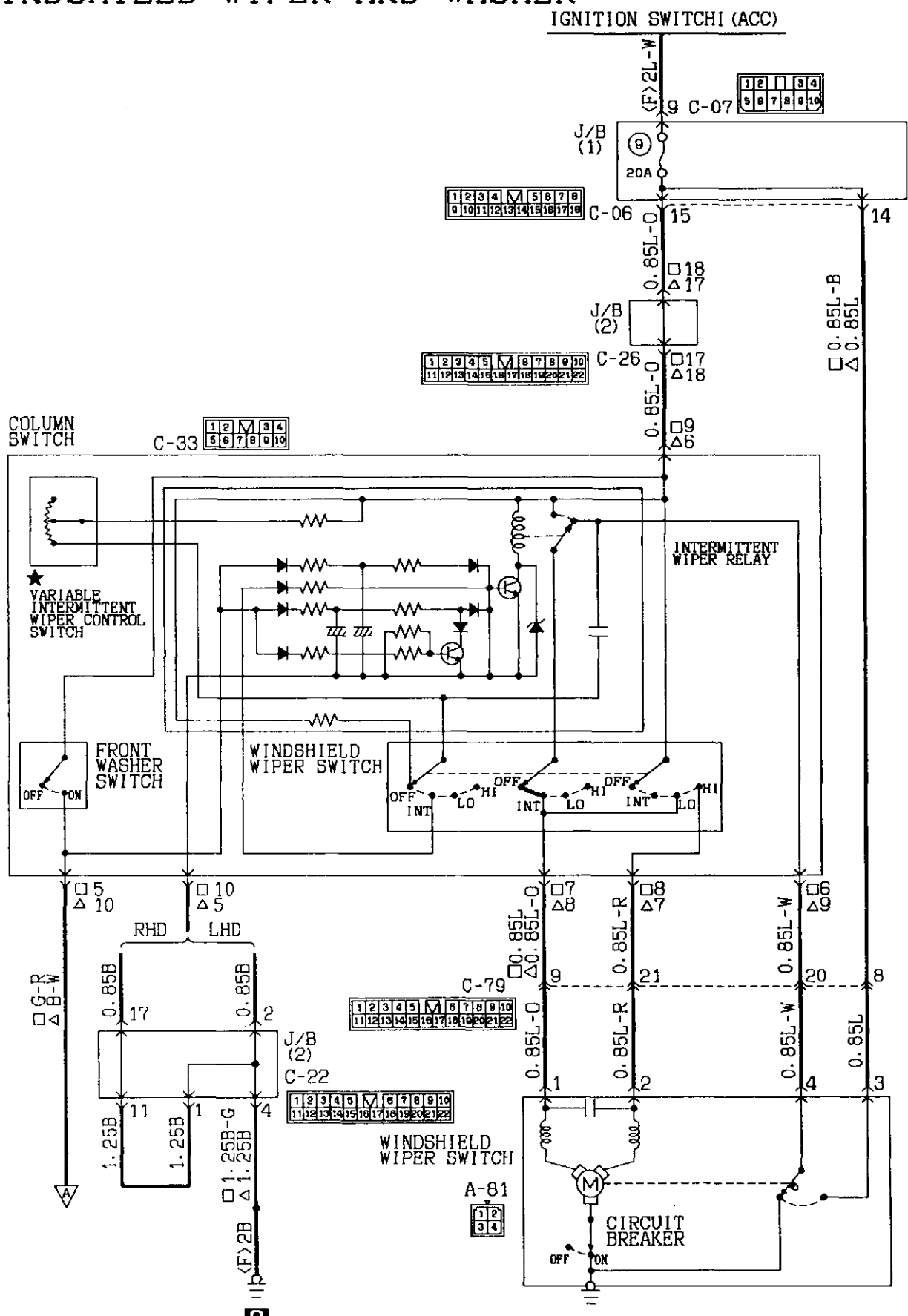
**TROUBLESHOOTING HINTS**

1. Wipers do not operate.
  - 1) Washer is not operative, either.
    - Check multi-purpose fuse No. ⑨.
    - Check ground.
2. Low-speed (or high-speed) wiper operation only is inoperative.
  - Check wiper switch.
3. Wipers do not stop.
  - Check wiper motor.
  - Check intermittent wiper relay.
  - Check wiper switch.
4. Intermittent wiper operation is inoperative.
  - Check terminal voltage of steering-column switch (with a built-in intermittent wiper relay) with the intermittent wiper relay energized.

| Terminal No.       | Voltage                     | Check                                    |
|--------------------|-----------------------------|--|
| 7 <LHD><br>8 <RHD> | 0 V                         | Intermittent wiper relay or wiper switch |
|                    | 12 V                        | Intermittent wiper relay                 |
|                    | 0 V ↔ 12 V<br>(alternating) | — (Normal)                               |

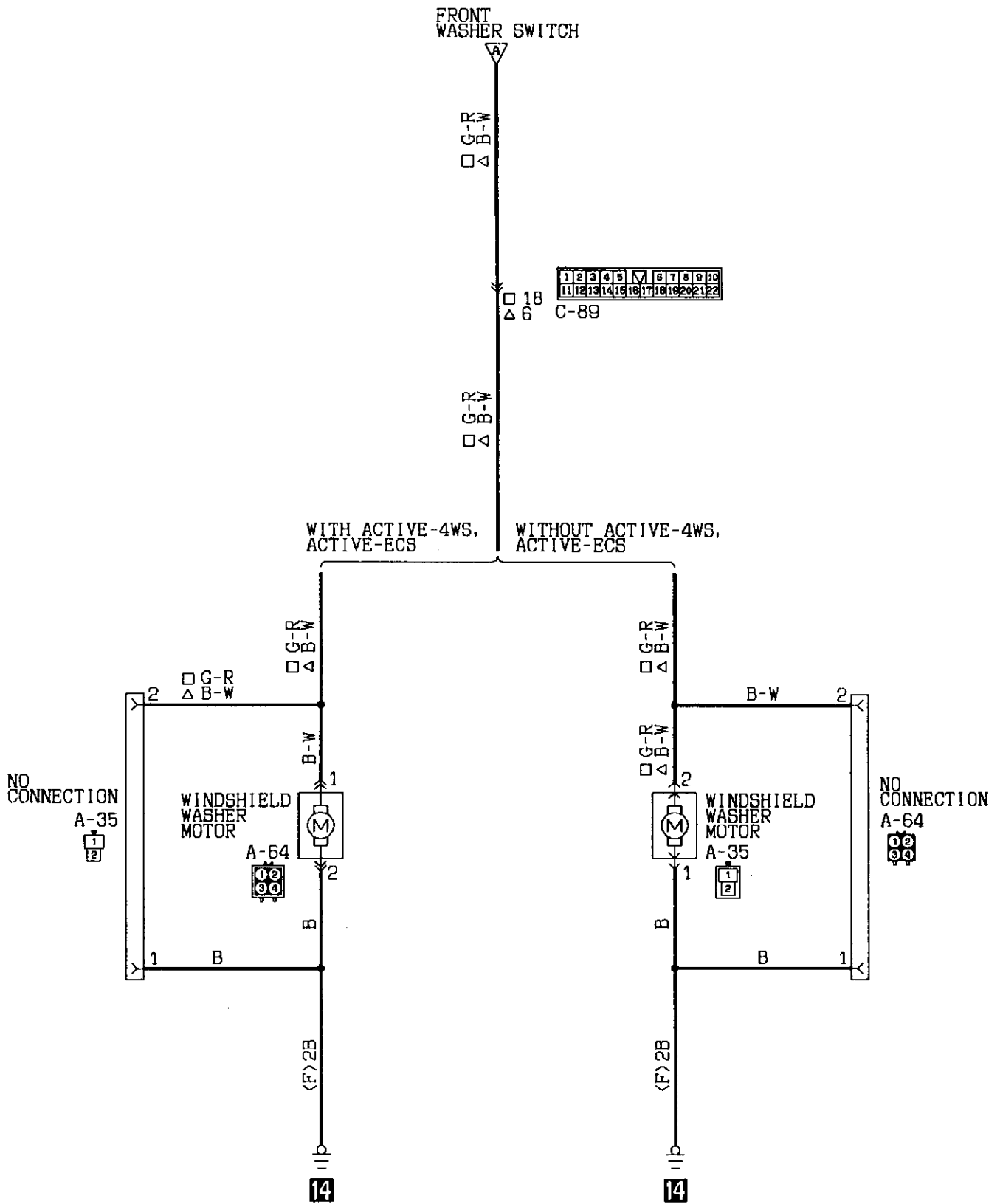
5. The length of pause for intermittent operation cannot be varied.
  - Check variable intermittent wiper control switch.
  - Check intermittent wiper relay.
6. Washer is inoperative.
  - 1) Wiper is operative on washer-wiper operation.
    - Check washer motor.
  - 2) Washer-wiper operation is inoperative also.
    - Check washer switch.
7. Washer-wiper operation is inoperative.
  - Check intermittent wiper relay.

# WINDSHIELD WIPER AND WASHER



KK35-AC-F1307-EC

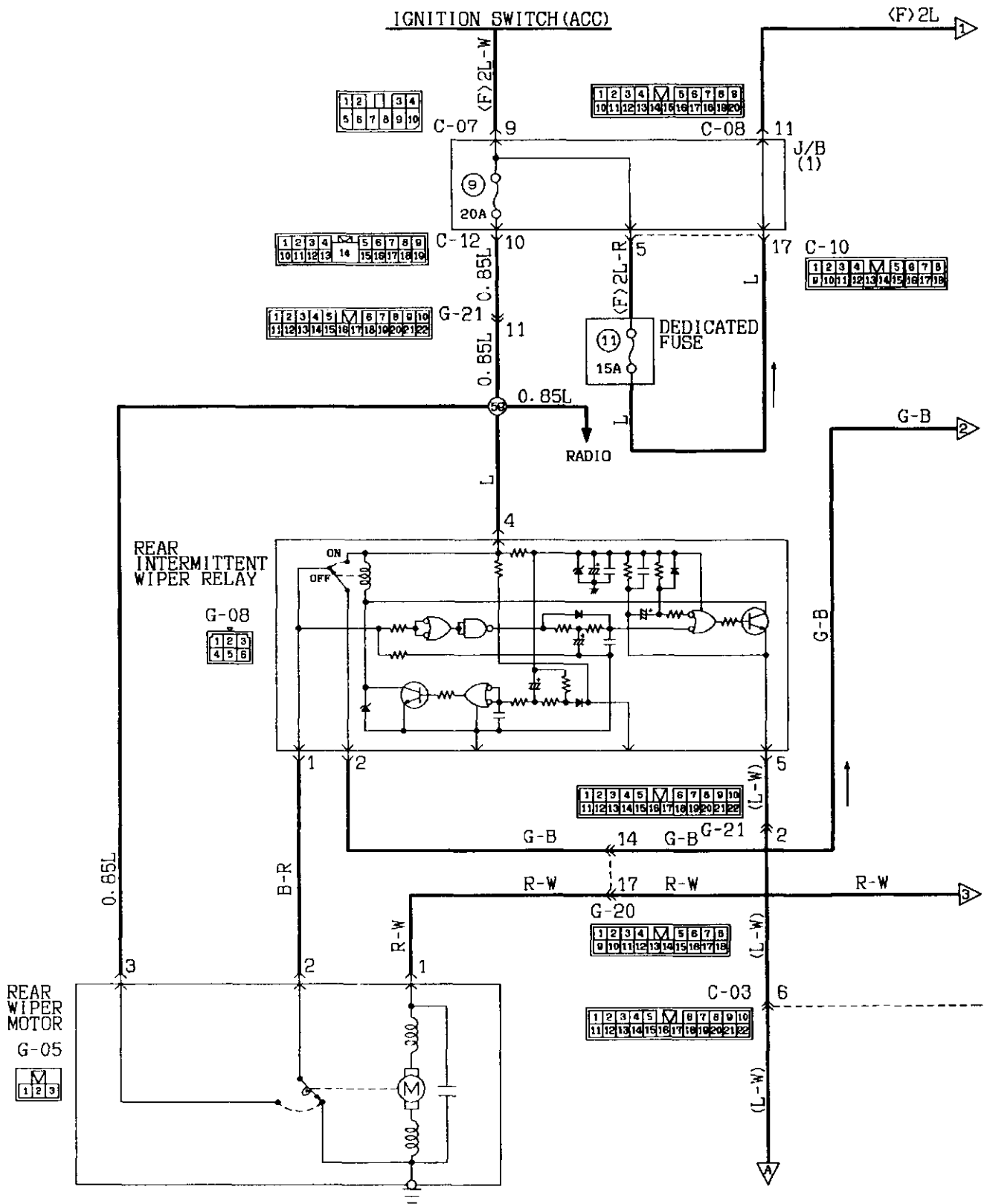




Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.  
 (3) ★: Vehicles with variable intermittent wiper.

Wire colour code  
 B: Black LG: Light green G: Green L: Blue  
 BR: Brown O: Orange GR: Gray R: Red  
 W: White SB: Sky blue P: Pink Y: Yellow  
 V: Violet

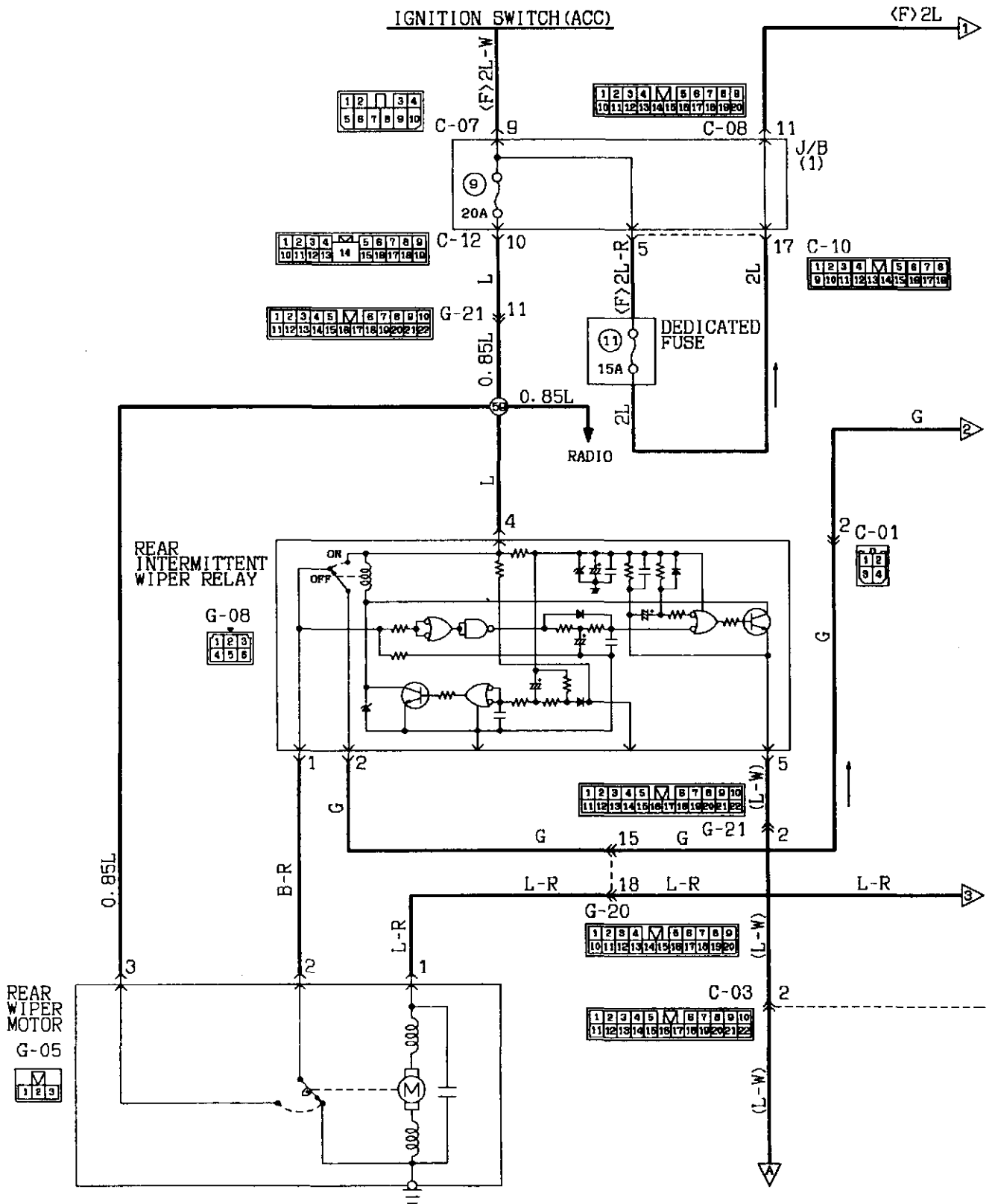
REAR WIPER AND WASHER  
Sedan (L. H. drive vehicles)



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



REAR WIPER AND WASHER  
Sedan (R. H. drive vehicles)



Wire colour code

B:Black

LG:Light green

G:Green

L:Blue

W:White

Y:Yellow

SB:Sky blue

BR:Brown

O:Orange

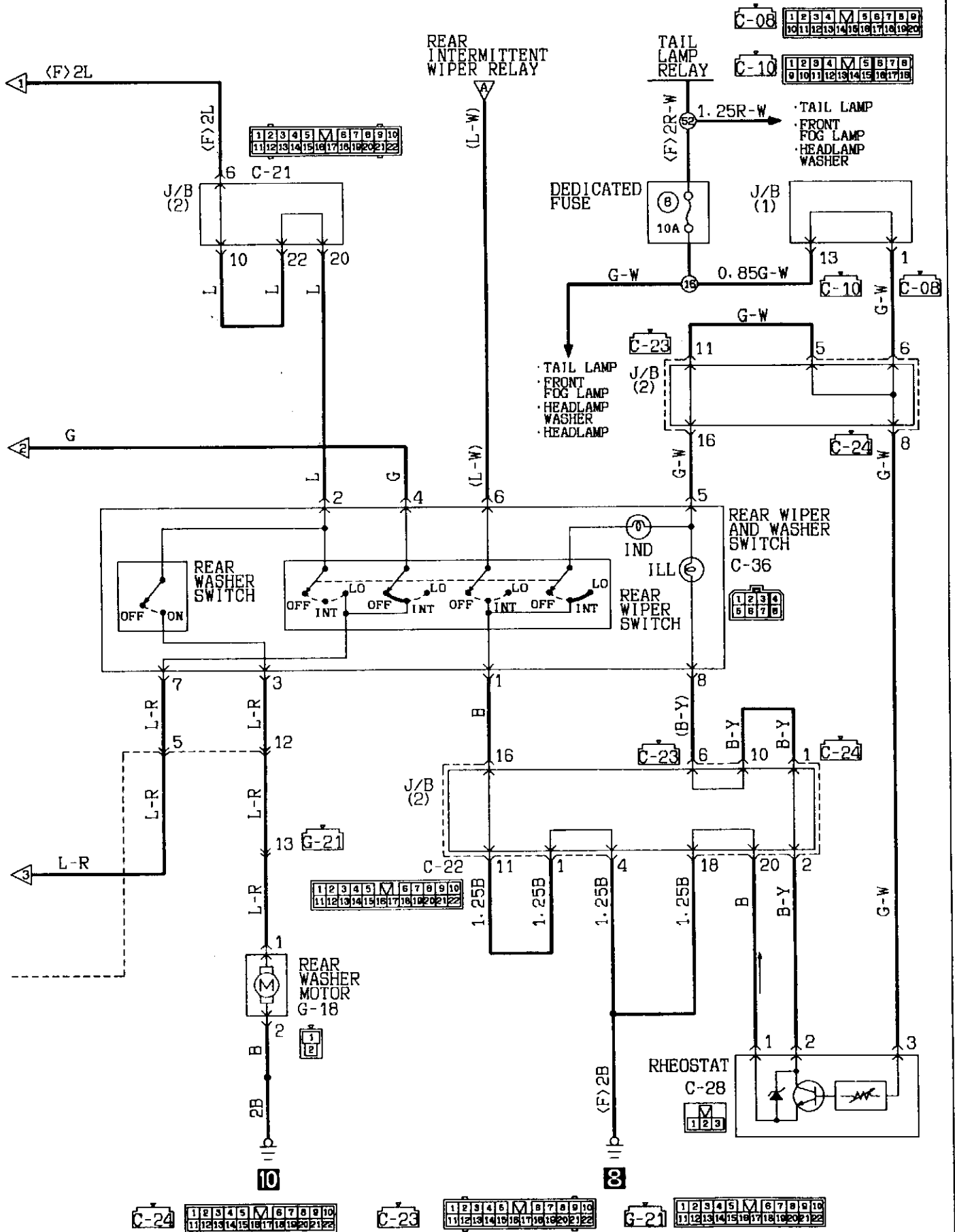
GR:Gray

R:Red

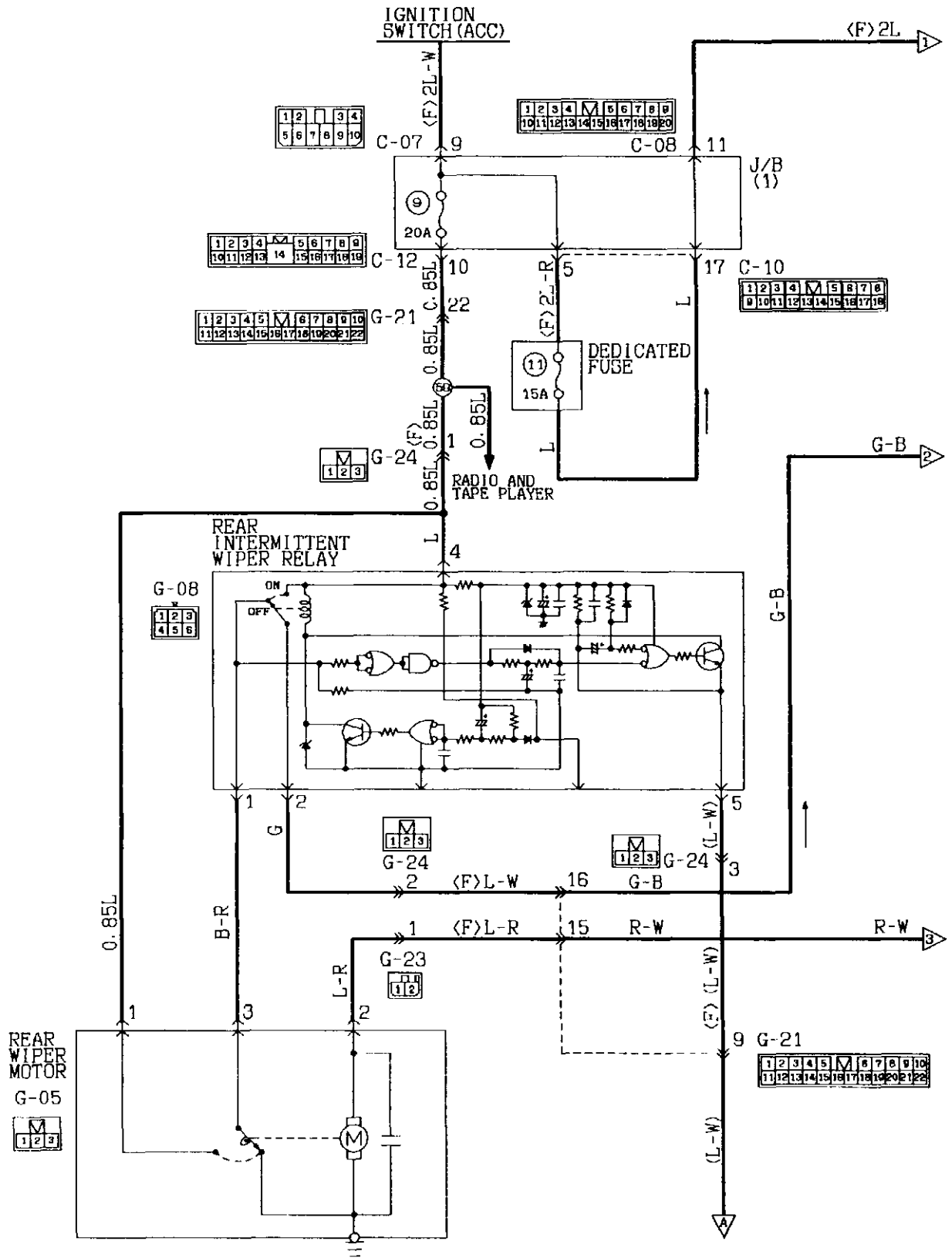
P:Pink

V:Violet

KX35-AC-F1311-EC

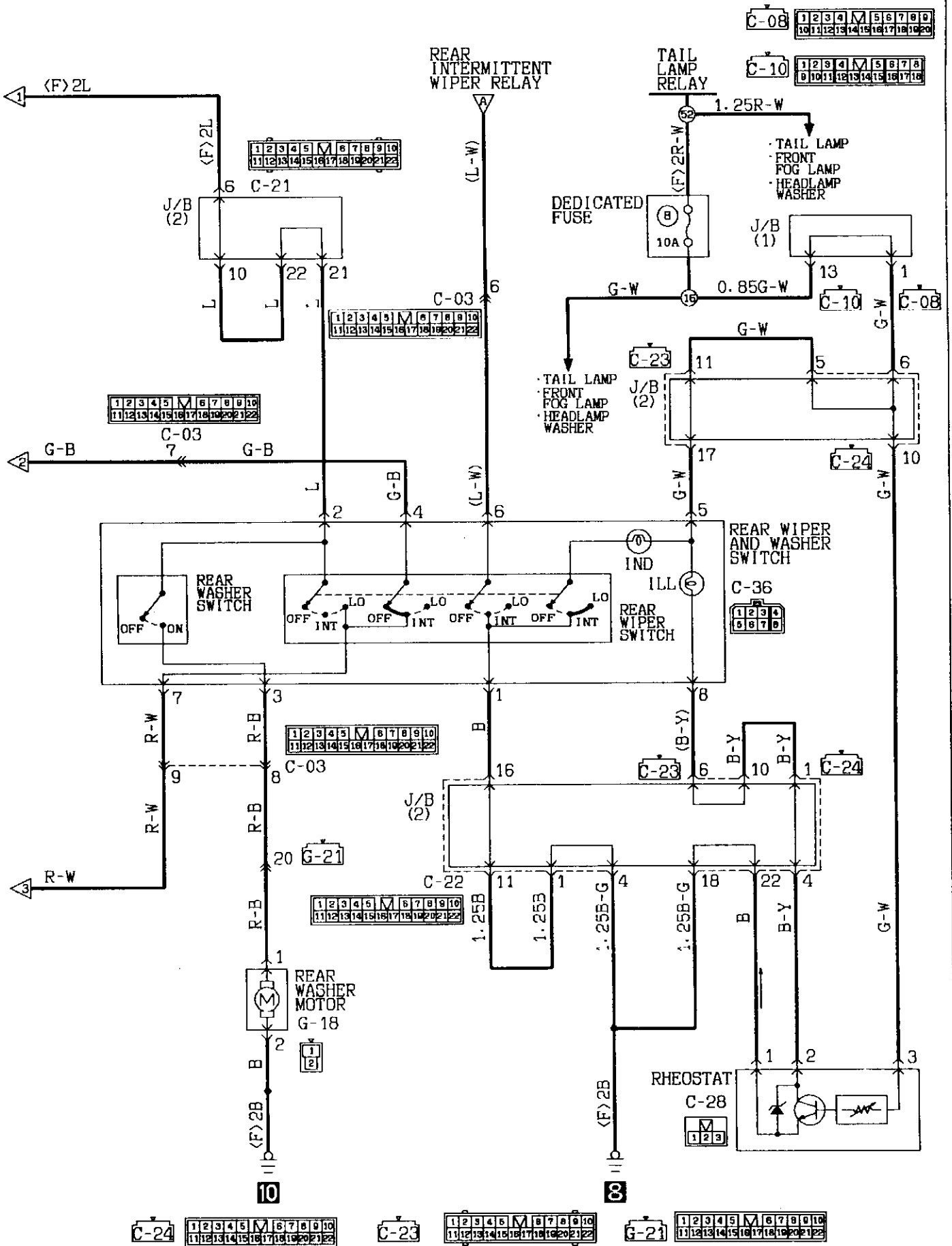


REAR WIPER AND WASHER  
Hatchback <L.H. drive vehicles>

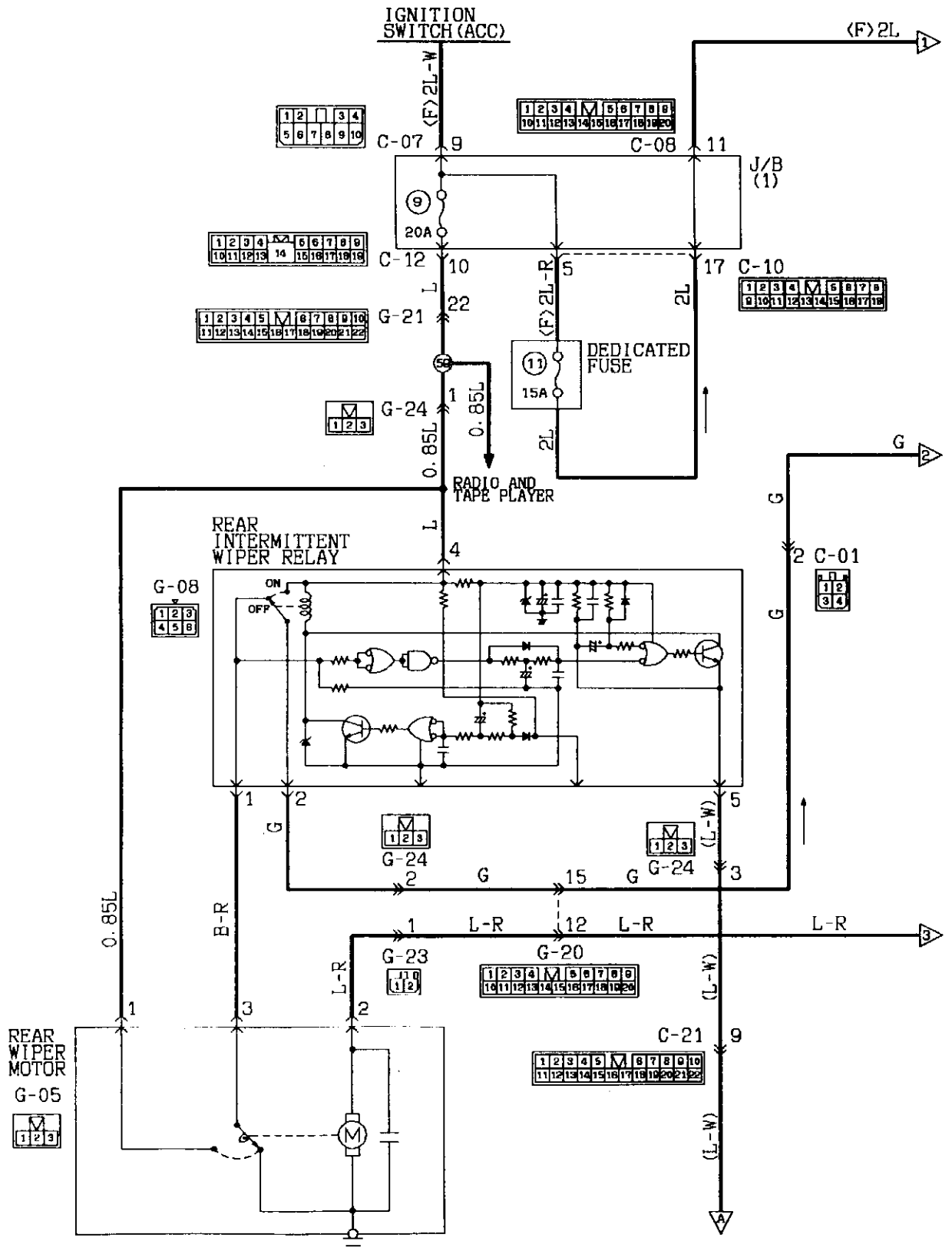


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F1312-EC

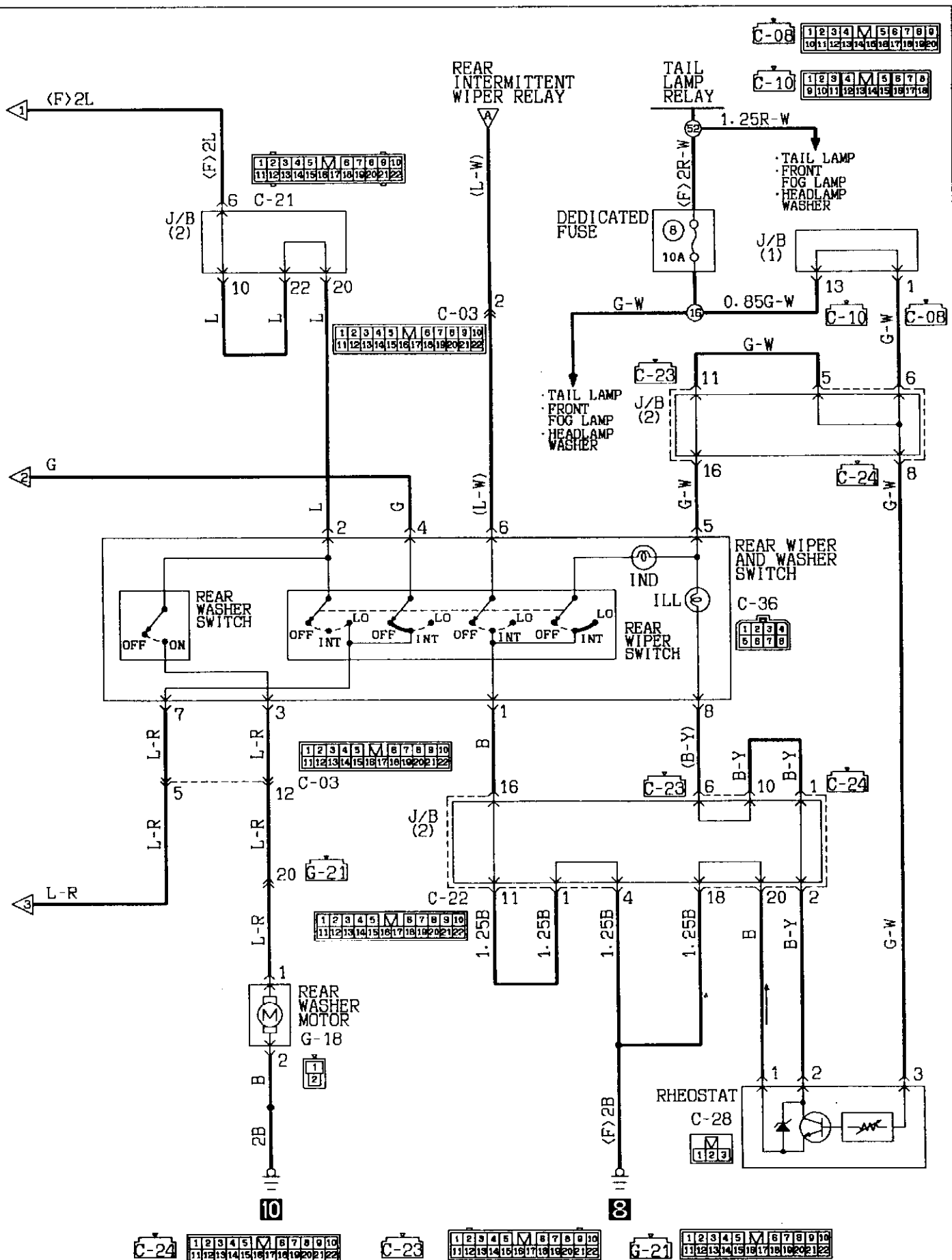


REAR WIPER AND WASHER  
Hatchback (R. H. drive vehicles)



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet





**REAR WIPER AND WASHER》 (See P. 4-210, 212, 214, 216.)**

**OPERATION**

**《Low-speed wiper operation》**

- When the wiper switch is placed in the LO (or ON) position with the ignition switch in the ACC or ON position, wipers operate continuously at low speed.

**《Auto wiper stop operation》**

- When the wiper switch is placed in the OFF position, the cam contacts of wiper motor causes current to flow through the auto wiper stop circuit, allowing the wiper blades to cycle before they reach to the stop positions.

**《Intermittent wiper operation》**

- When the wiper switch is placed in the INT position with the ignition switch in ACC or ON position, the intermittent wiper relay is energized causing the intermittent wiper relay contacts to close and open repeatedly.
- When the contacts are closed, the wiper motor is energized.
- When the wiper motor is energized, the relay contacts open; however, the cam contacts keep the wiper motor energized until the wiper blades return to their stop position.

**TROUBLESHOOTING HINTS**

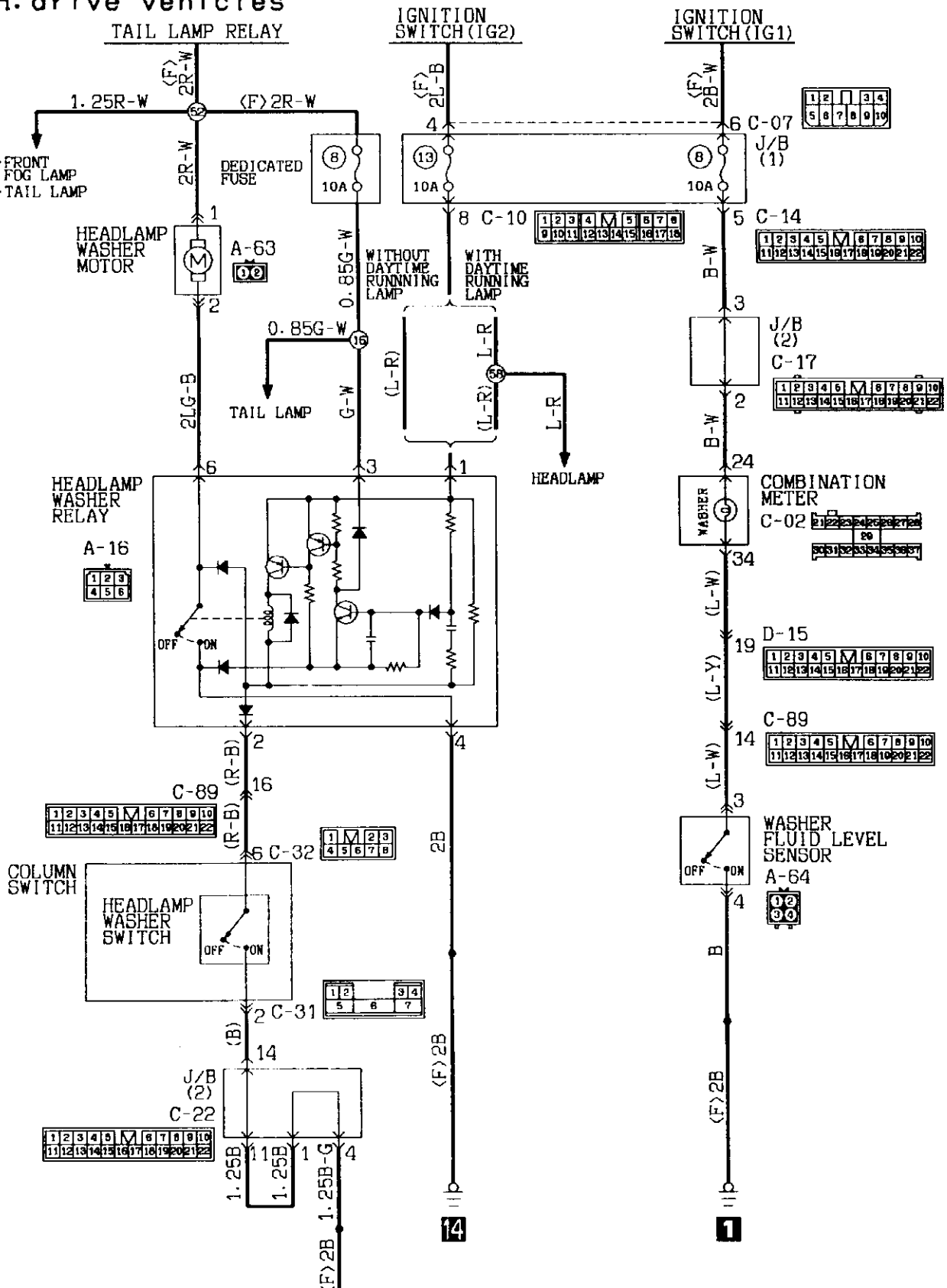
1. Wipers do not operate.
  - 1) Washer is not operative, either.
    - Check multi-purpose fuse No. ⑨.
    - Check earth.
    - Check wiper switch.
2. Wipers do not stop.
  - Check wiper motor.
  - Check intermittent wiper relay.
  - Check wiper switch.
3. Intermittent wiper operation is inoperative.
  - Check terminal voltage of the intermittent wiper relay energized.

| Terminal No. | Voltage                  | Check                                    |
|--------------|--------------------------|--|
| 2            | 0 V                      | Intermittent wiper relay or wiper switch |
|              | 12 V                     | Intermittent wiper relay                 |
|              | 0 V ↔ 12 V (alternating) | — (Normal)                               |

4. Washer is inoperative.
  - Check washer motor.
  - Check washer switch.

# HEADLAMP WASHER

L. H. drive vehicles

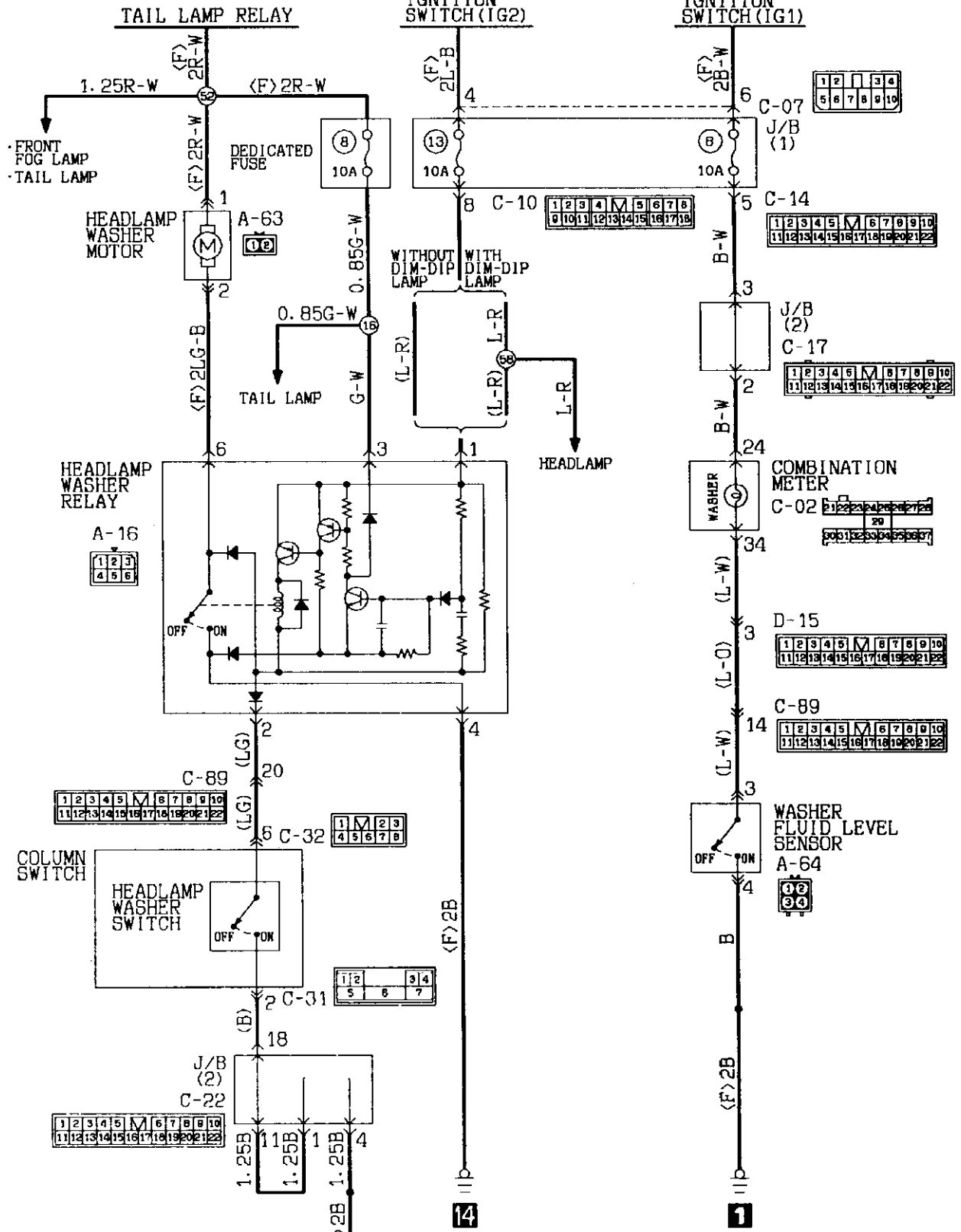


Wire colour code  
 B:Black LG:Light green G:Green L:Blue  
 BR:Brown O:Orange GR:Gray R:Red  
 W:White SB:Sky blue P:Pink Y:Yellow  
 V:Violet

KX35-AC-F1305-EC

# HEADLAMP WASHER

R. H. drive vehicles



Wire colour code  
 B:Black      LG:Light green      G:Green  
 BR:Brown    O:Orange            GR:Gray  
 W:White      SB:Sky blue        P:Pink  
 V:Violet      R:Red  
 Y:Yellow

KX35-AC-F1308-EC

**HEADLAMP WASHER (See P. 4-219, 220.)****OPERATION**

- When the headlamp washer switch is turned ON with ignition switch in ON and lighting switch in TAIL or HEAD position, the headlamp washer relay is energized causing the headlamp washer motor to start.

**<Headlamp washer fluid level indicator lamp>**

- When the headlamp washer fluid level goes down below a predetermined level with the ignition switch in ON position, the headlamp washer level sensor is activated causing the headlamp washer fluid level indicator to light up.

**TROUBLESHOOTING HINTS**

1. Headlamp washer motor does not start.
  - 1) Blower motor does not start, either.
    - Check multi-purpose fuse No. ⑬.
  - 2) Blower motor does start.
    - Check headlamp washer motor.
    - Check headlamp washer relay.
    - Check headlamp washer switch.

**DEFOGGER AND DOOR MIRROR PRINTED HEATING WIRES (See P. 4-222, 225, 228, 232.)****OPERATION**

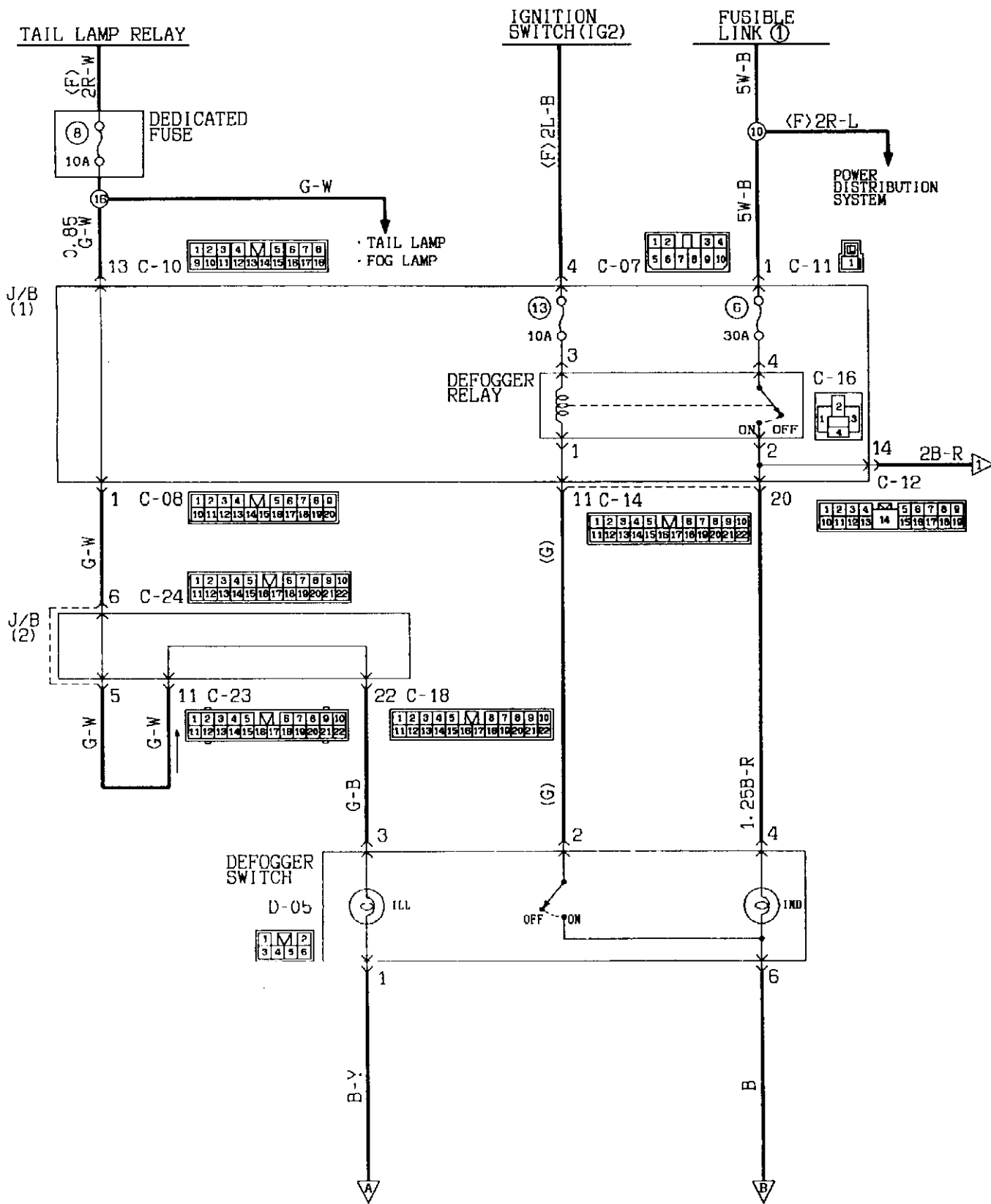
- When the ignition switch is at the ON position and the defogger switch is turned to ON, the defogger relay turns ON and the defogger and door mirror printed heating wires operate.
- At this time, the defogger indicator lamp also illuminates to inform the driver that the defogger is operating.

**TROUBLESHOOTING HINTS**

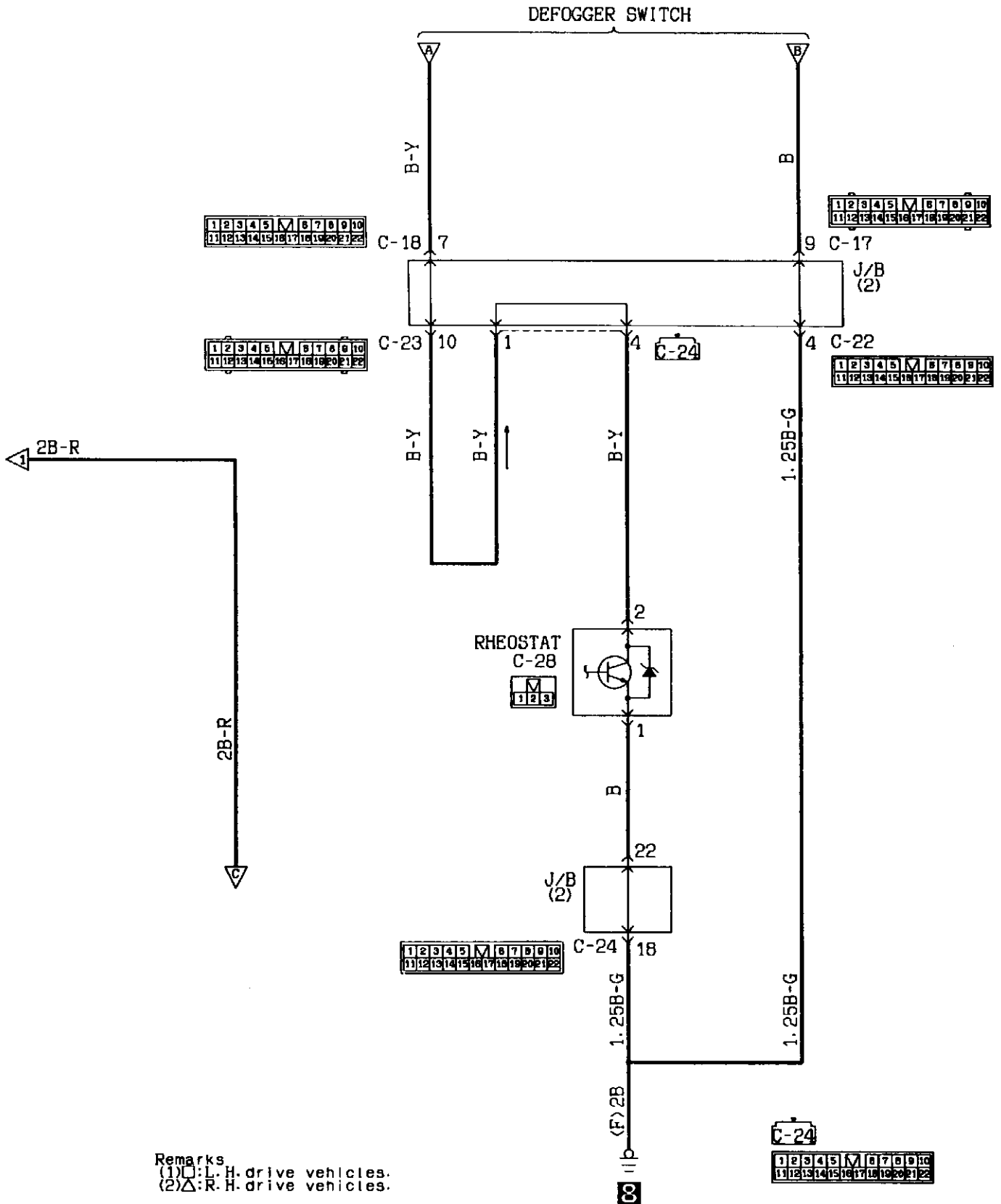
1. Defogger does not operate.
  - 1) Indicator lamp does not illuminate either.
    - Check multi-purpose fuse No. ⑬.
    - Check multi-purpose fuse No. ⑥.
    - Check the defogger relay.
  - 2) Indicator lamp illuminates.
    - Check the defogger.
2. Door mirror printed heating wires do not operate.
  - 1) Defogger does not operate either.
    - Check multi-purpose fuse No. ⑬.
    - Check multi-purpose fuse No. ⑥.
    - Check the defogger relay.
  - 2) Defogger operates.
    - Check the door mirror printed heating wires.

# DEFOGGER AND DOOR MIRROR HEATER

L.H. drive vehicles without ETACS



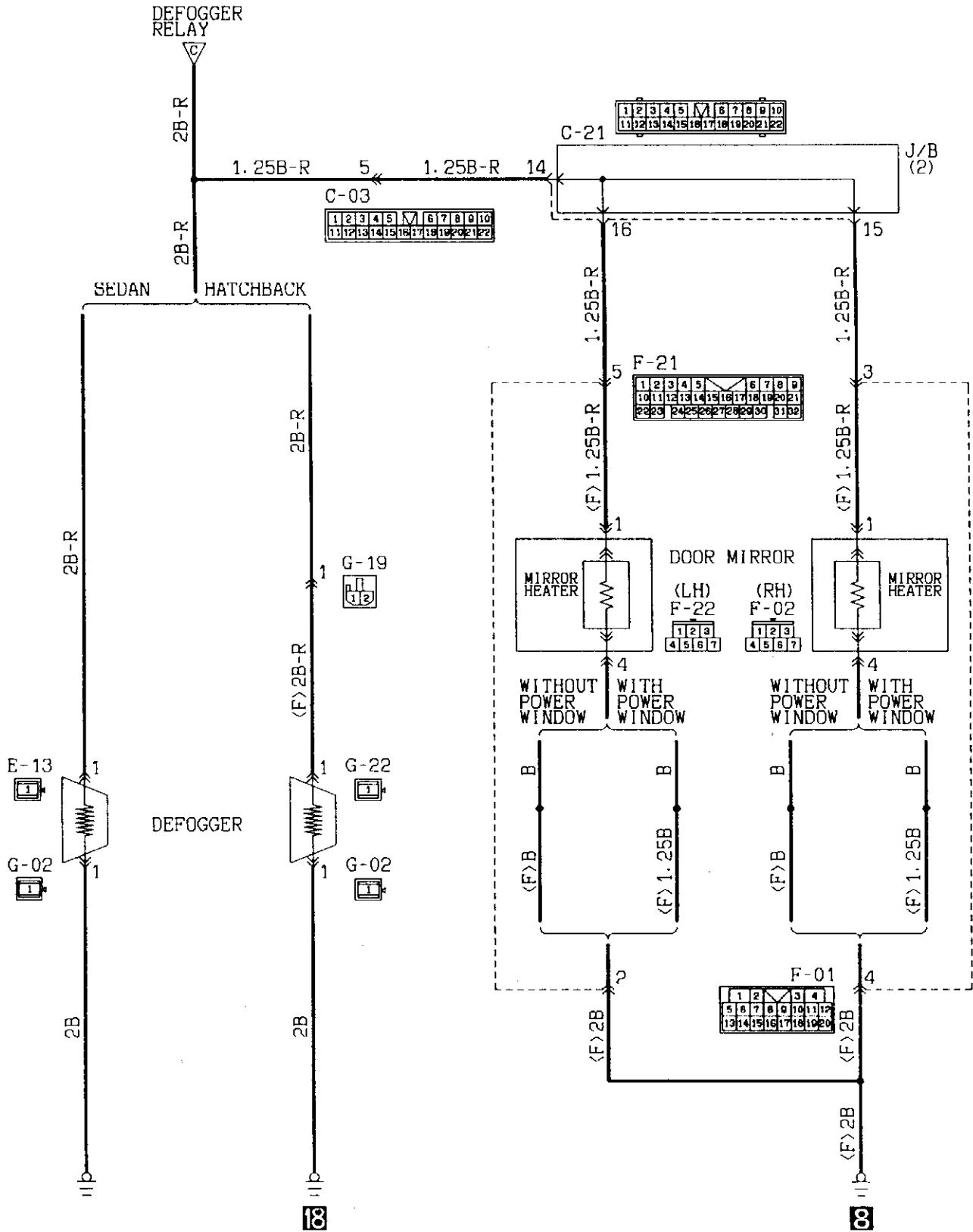
KX35-AC-F1301-EC



Remarks  
 (1) □: L. H. drive vehicles.  
 (2) △: R. H. drive vehicles.

Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

DEFOGGER AND DOOR MIRROR HEATER  
 (L.H. drive vehicles without ETACS)  
 (CONTINUED)

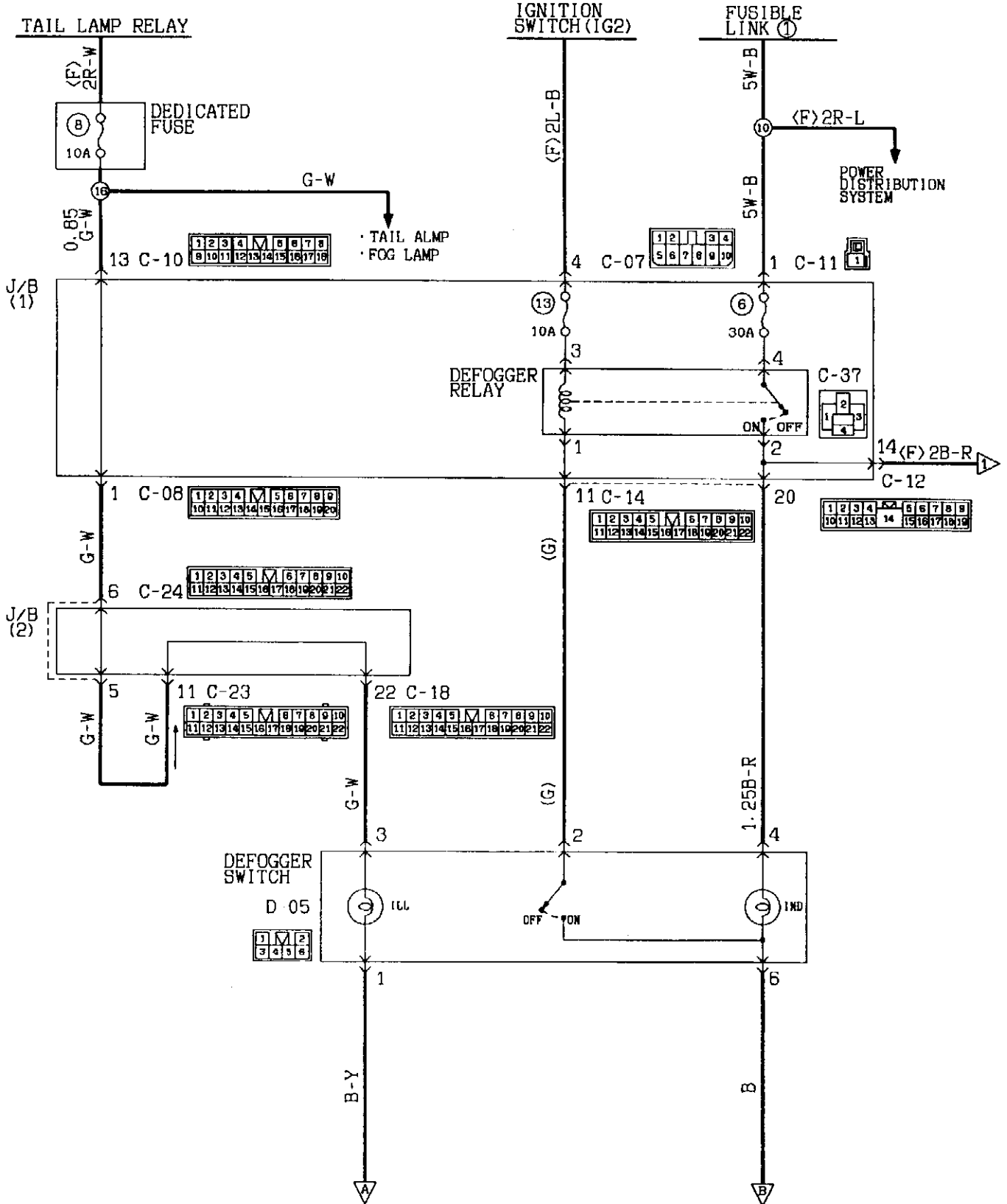


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F1301A-EC

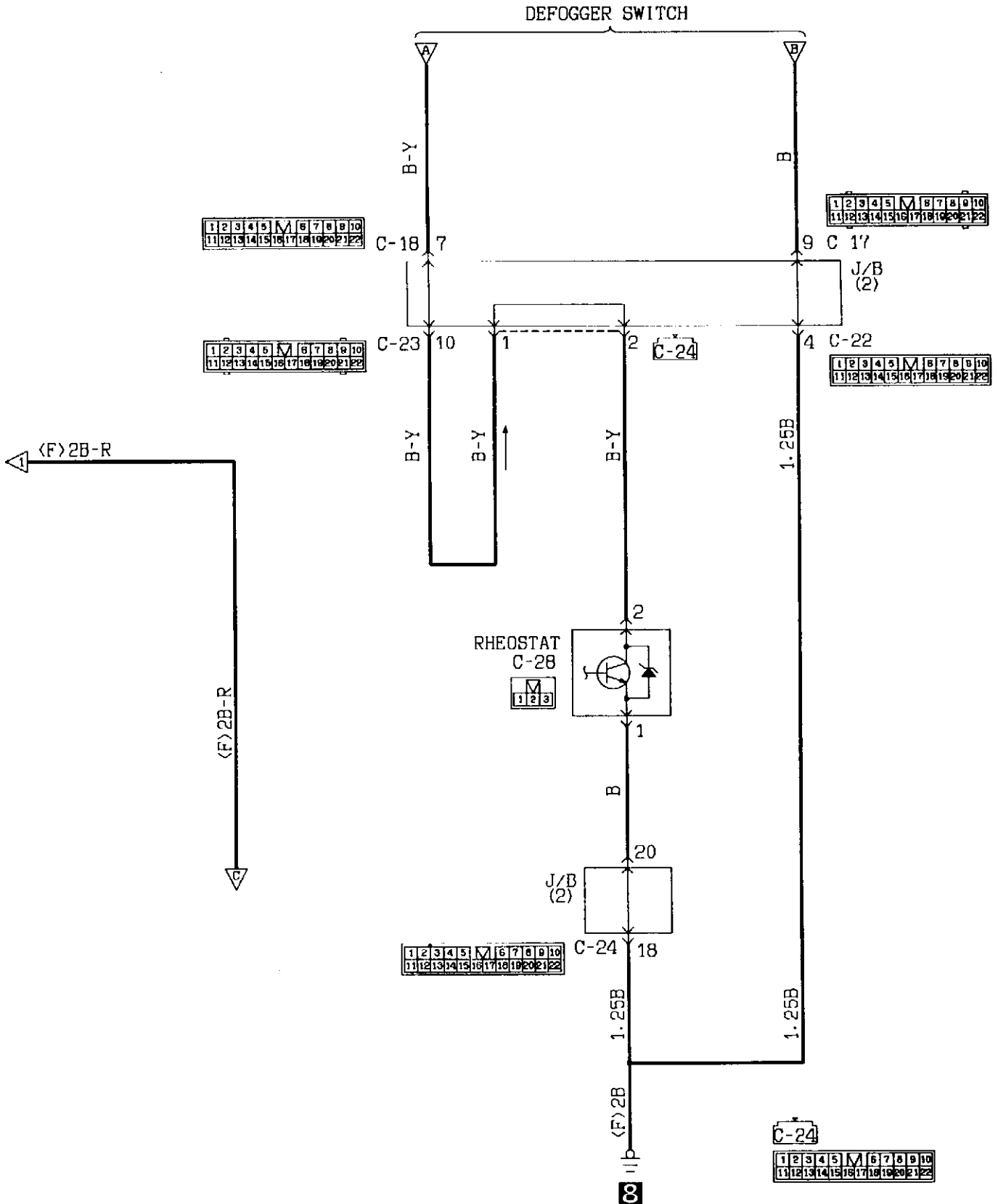


DEFOGGER AND DOOR MIRROR HEATER  
R.H. drive vehicles without ETACS

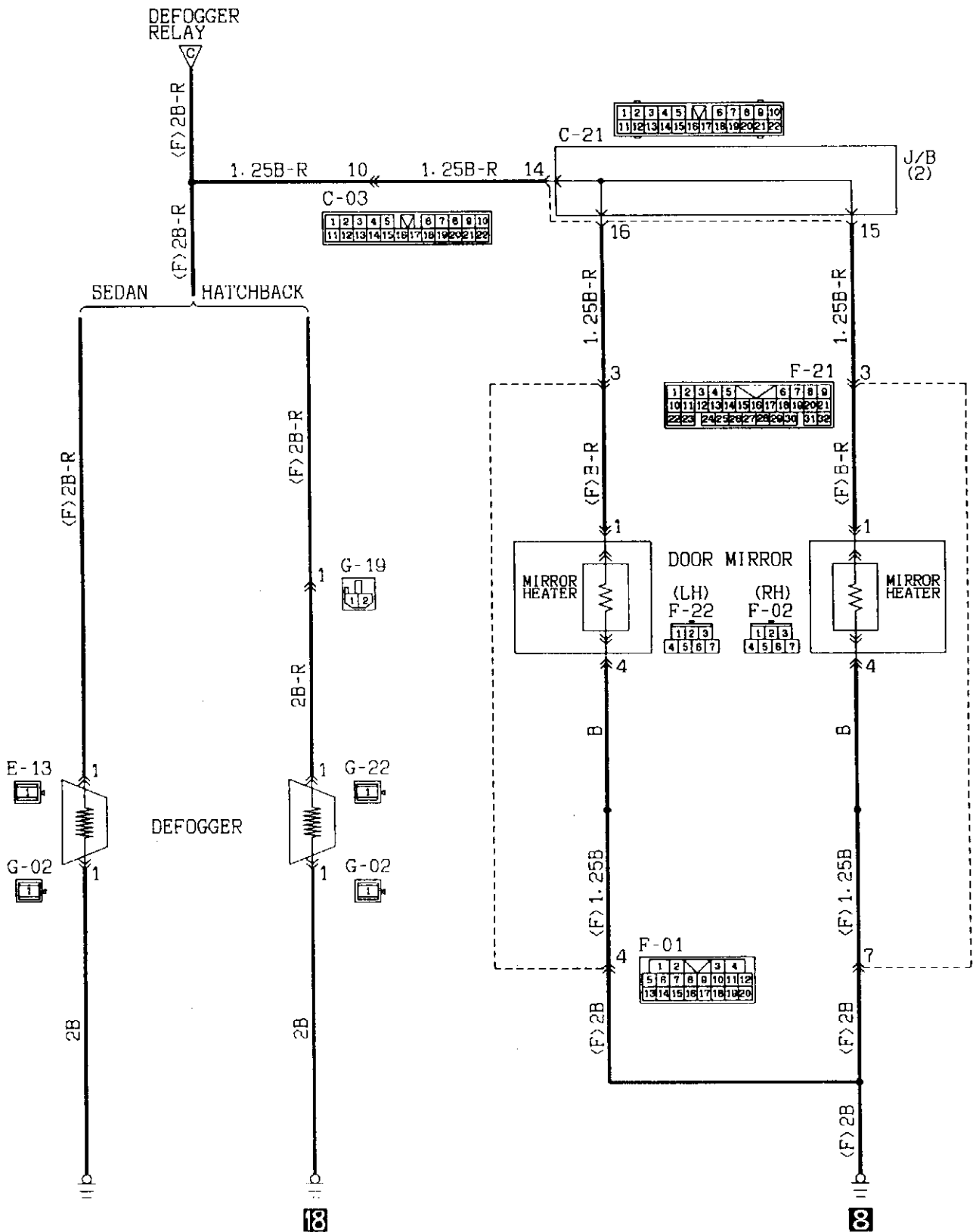


KX35-AC-F1302-EC

DEFOGGER AND DOOR MIRROR HEATER  
(R.H. drive vehicles without ETACS) (CONTINUED)



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

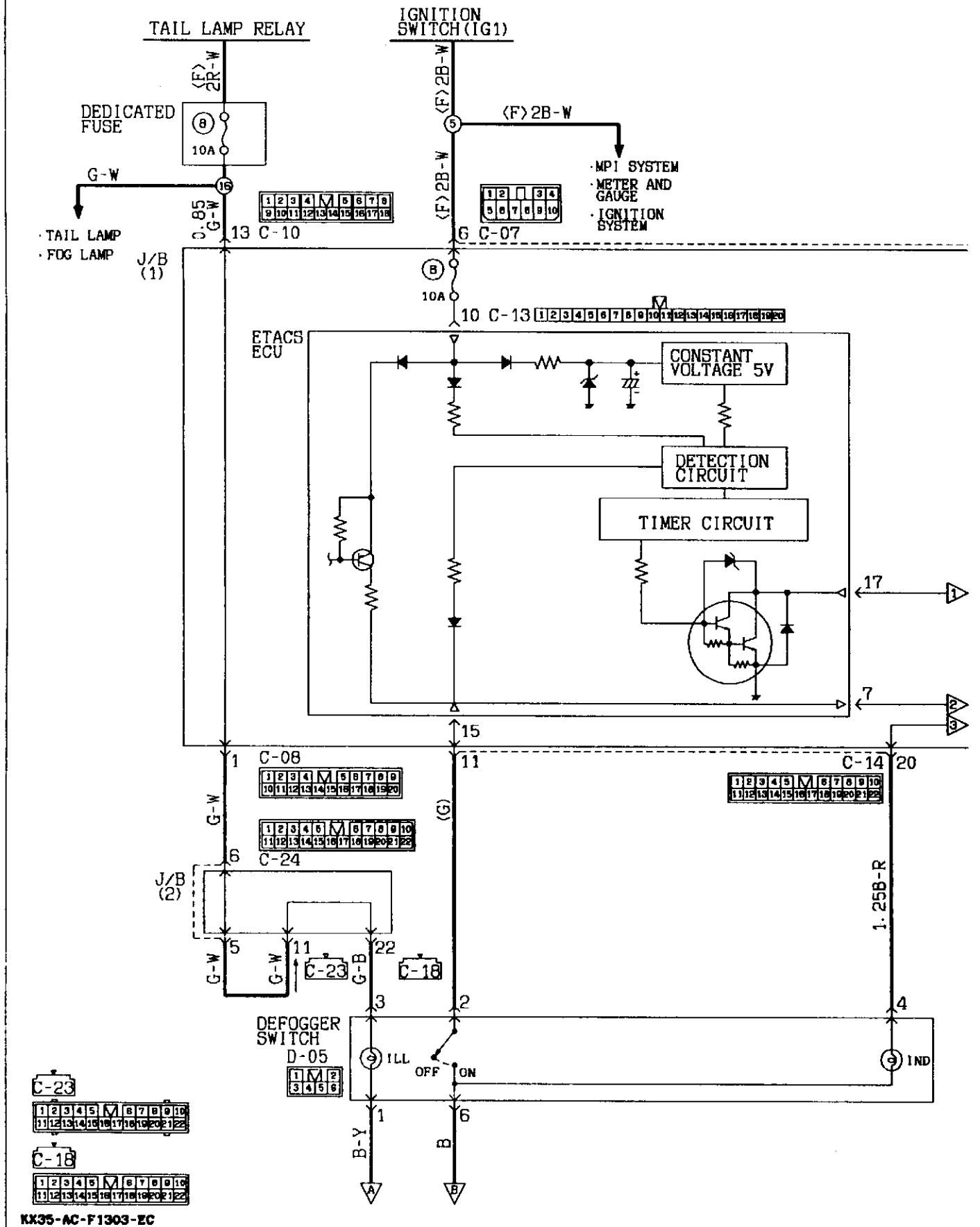


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

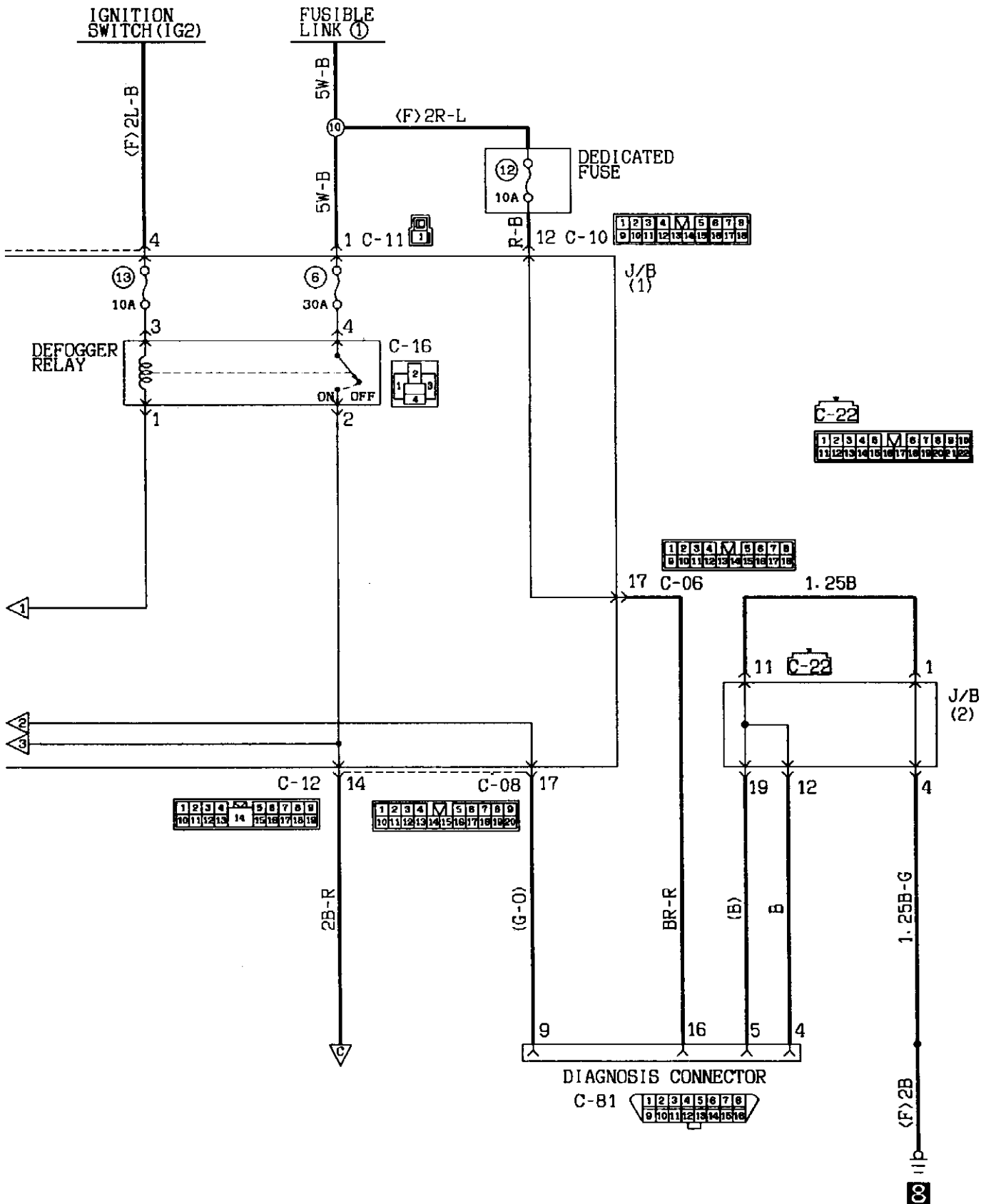
KX35-AC-F1302A-EC

# DEFOGGER AND DOOR MIRROR HEATER

L.H. drive vehicles with ETACS

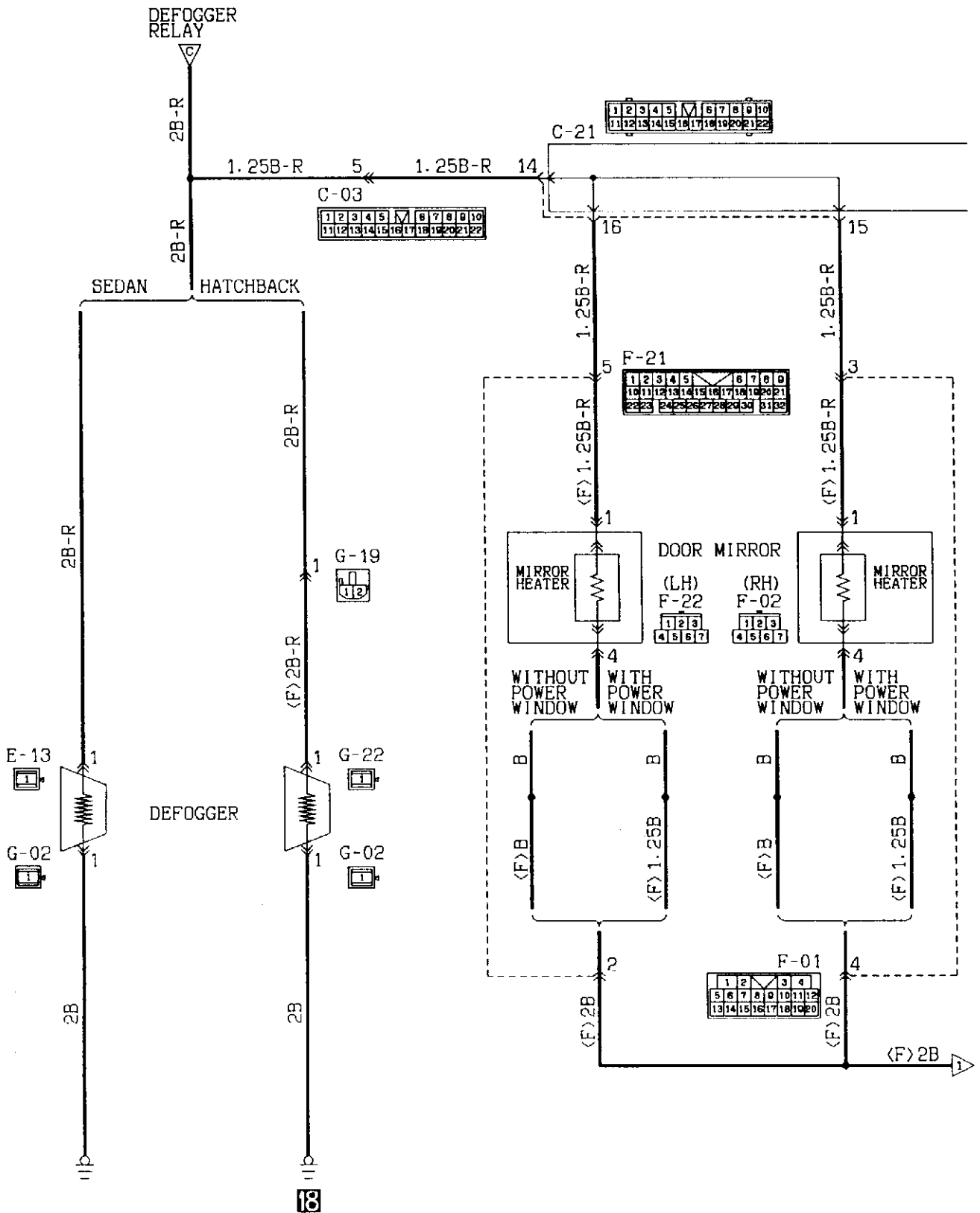


KX35-AC-F1303-EC



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

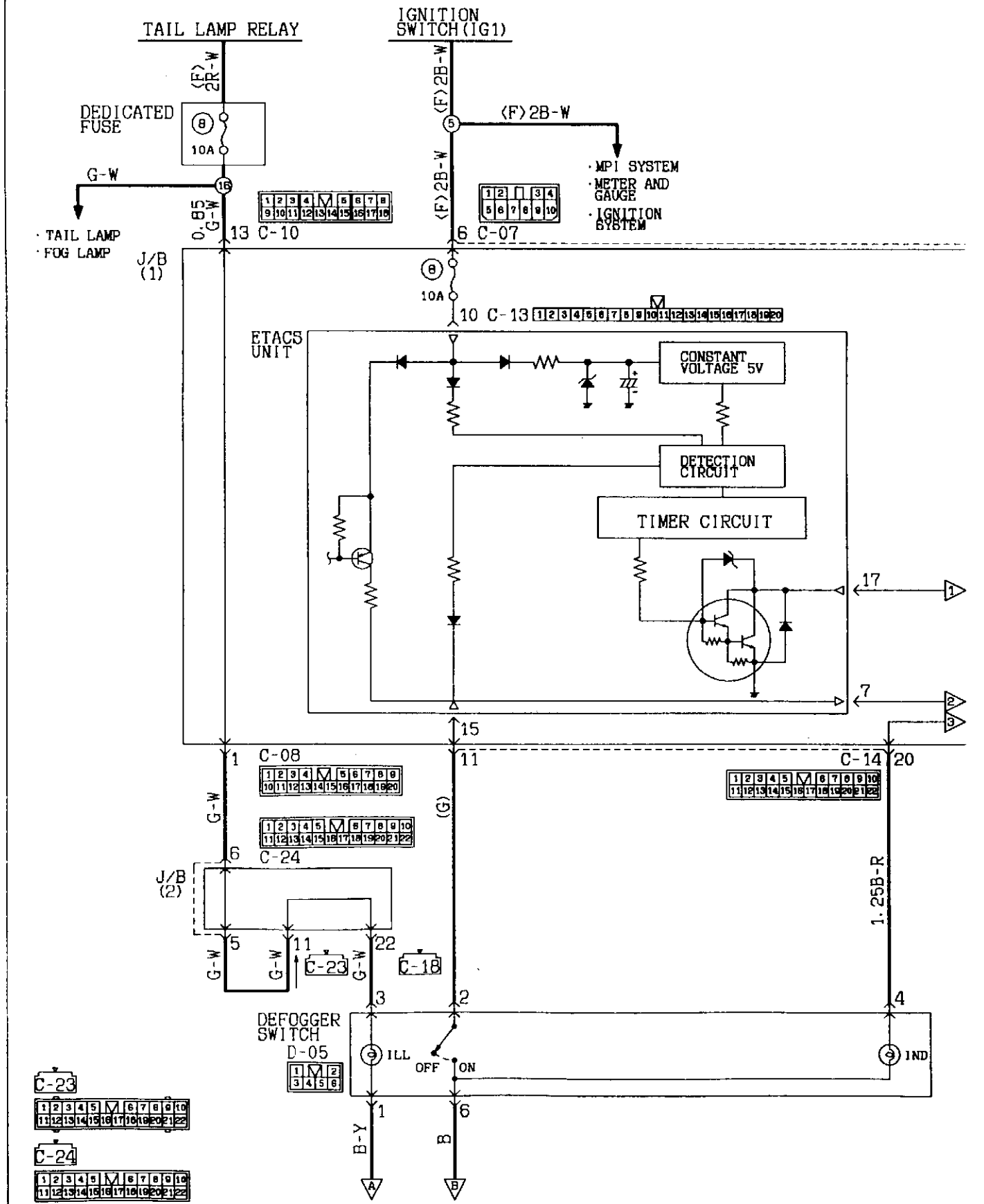
DEFOGGER AND DOOR MIRROR HEATER  
(L.H. drive vehicles with ETACS) (CONTINUED)





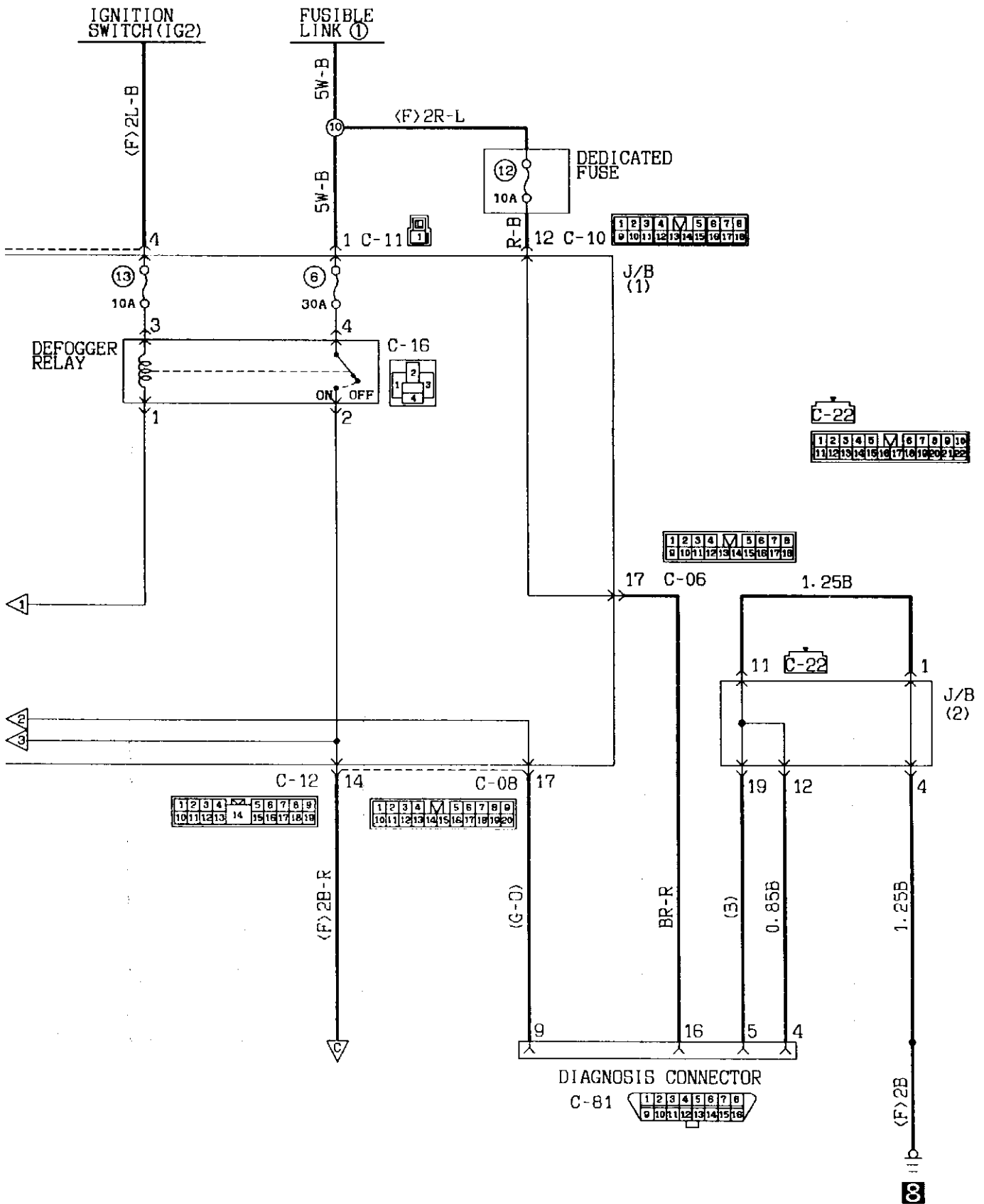
# DEFOGGER AND DOOR MIRROR HEATER

R. H. drive vehicles with ETACS



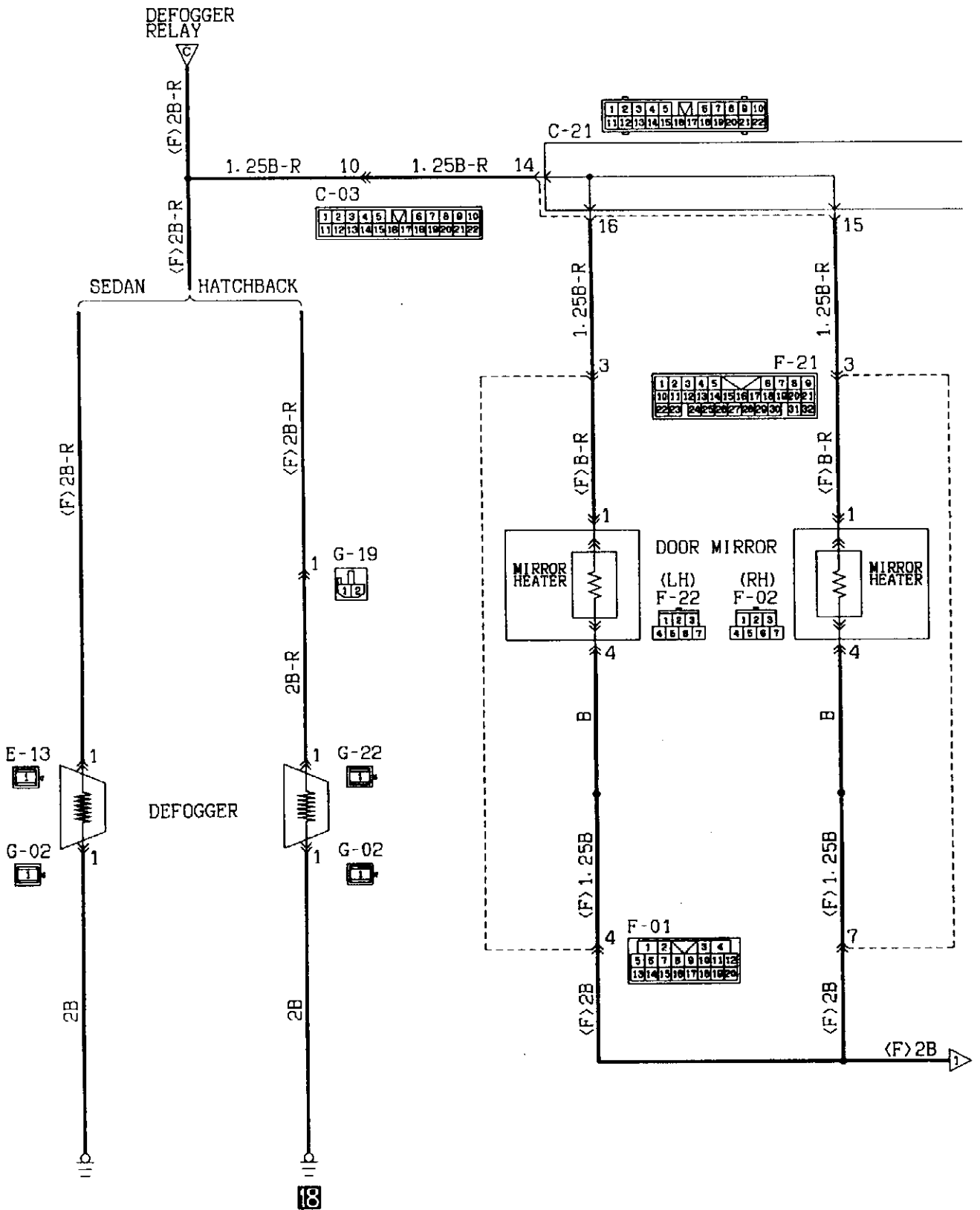
KX35-AC-F1304-EC

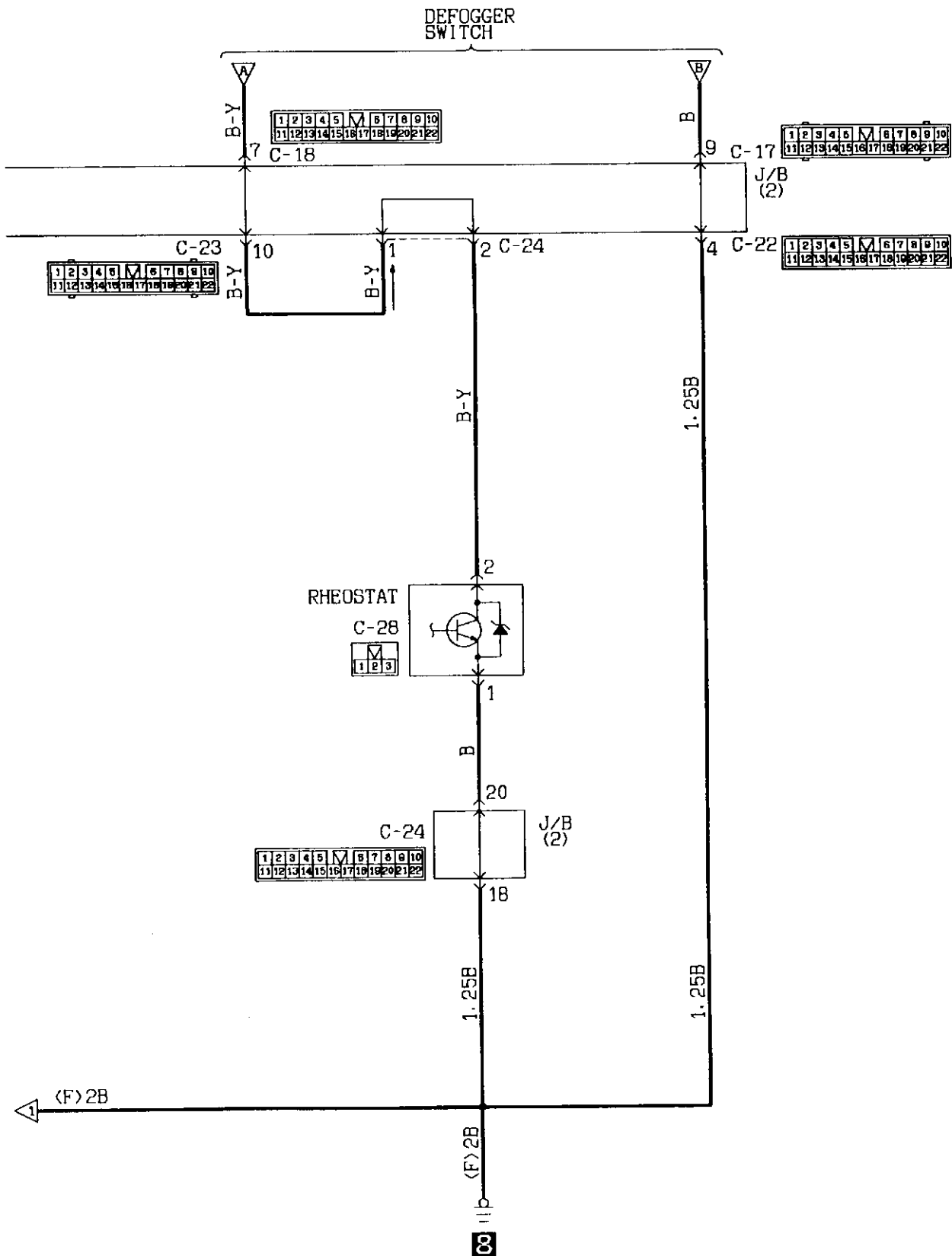




Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

DEFOGGER AND DOOR MIRROR HEATER  
(R. H. drive vehicles with ETACS) (CONTINUED)



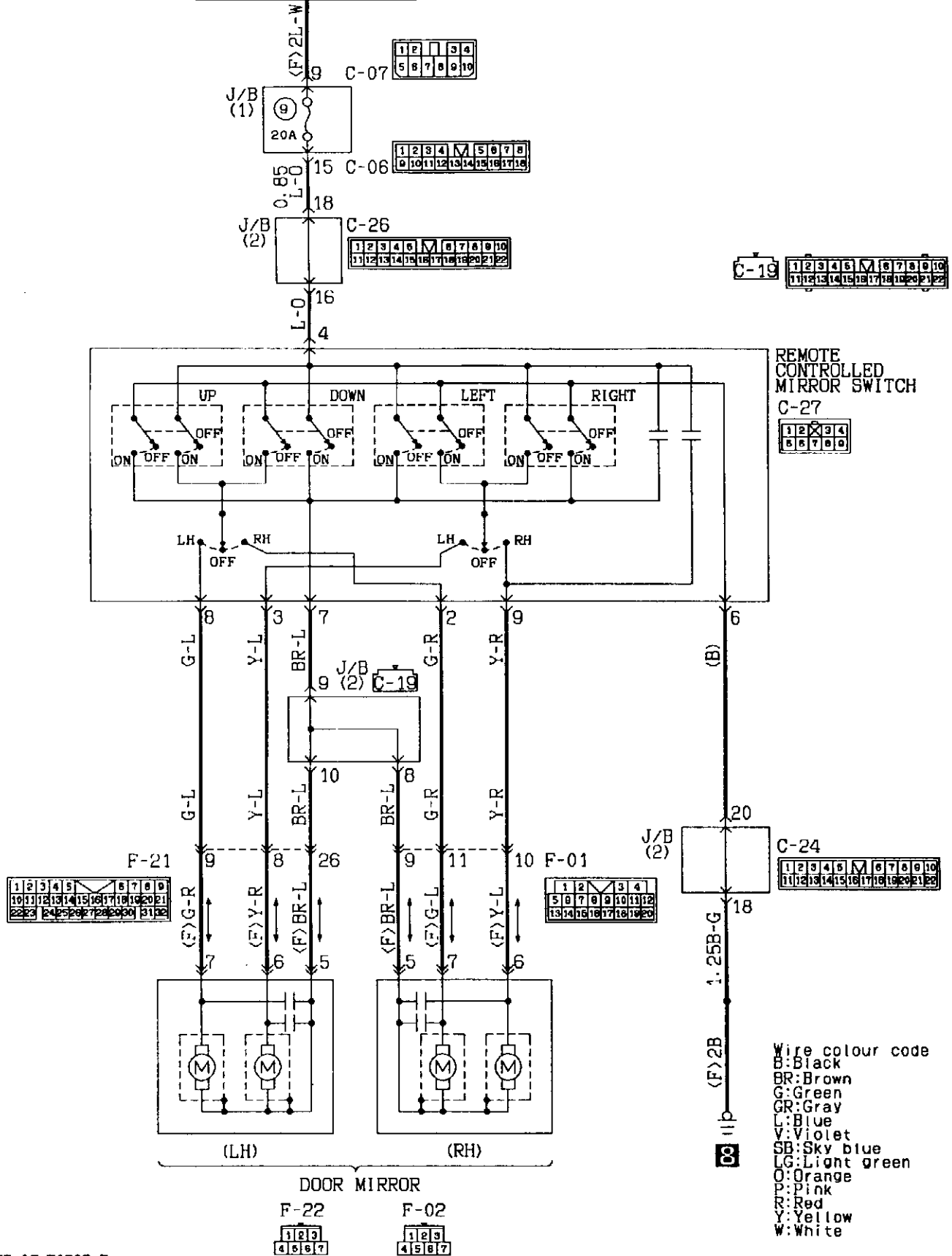


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

# REMOTE CONTROLLED MIRROR

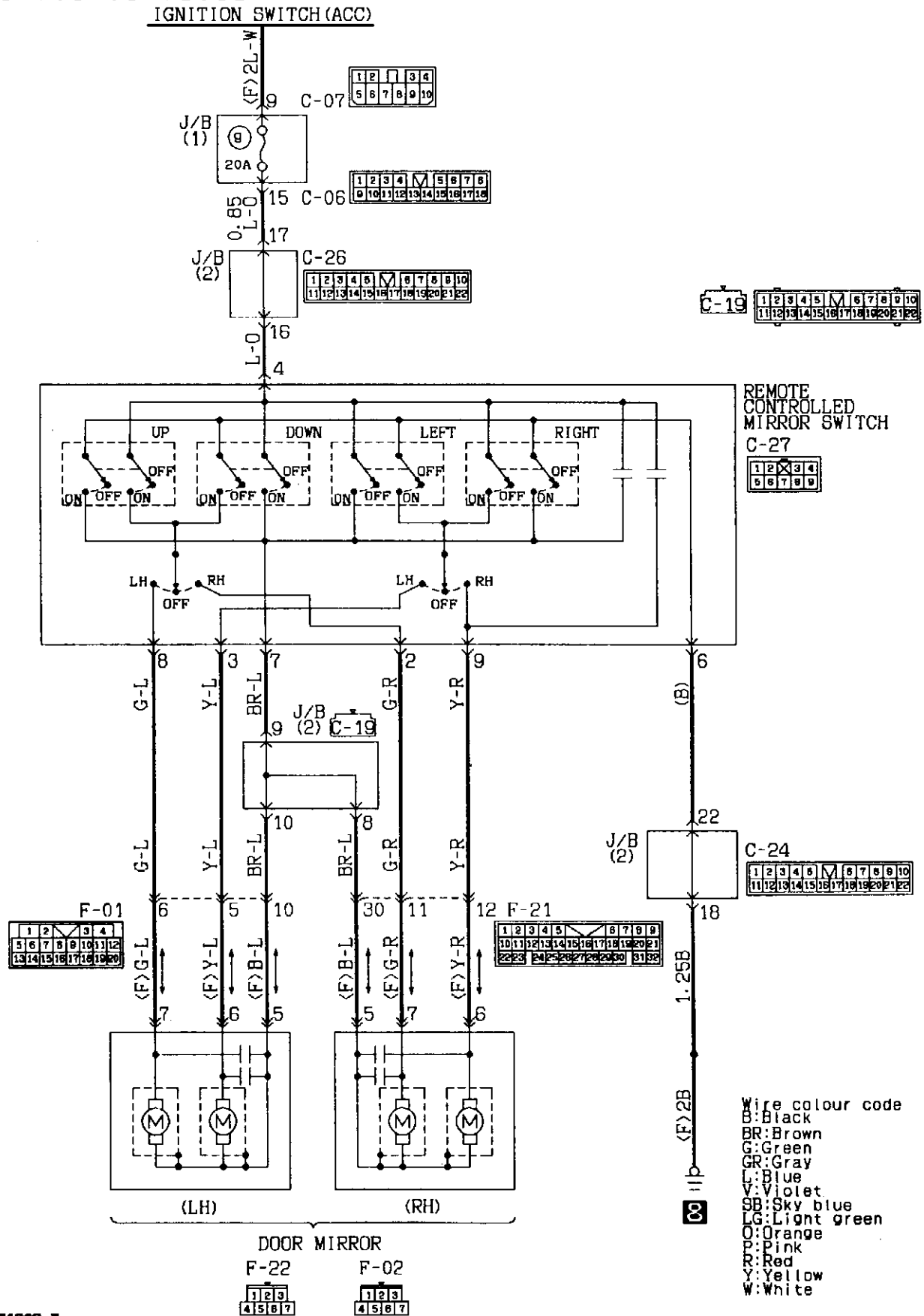
L.H. drive vehicles

IGNITION SWITCH (ACC)



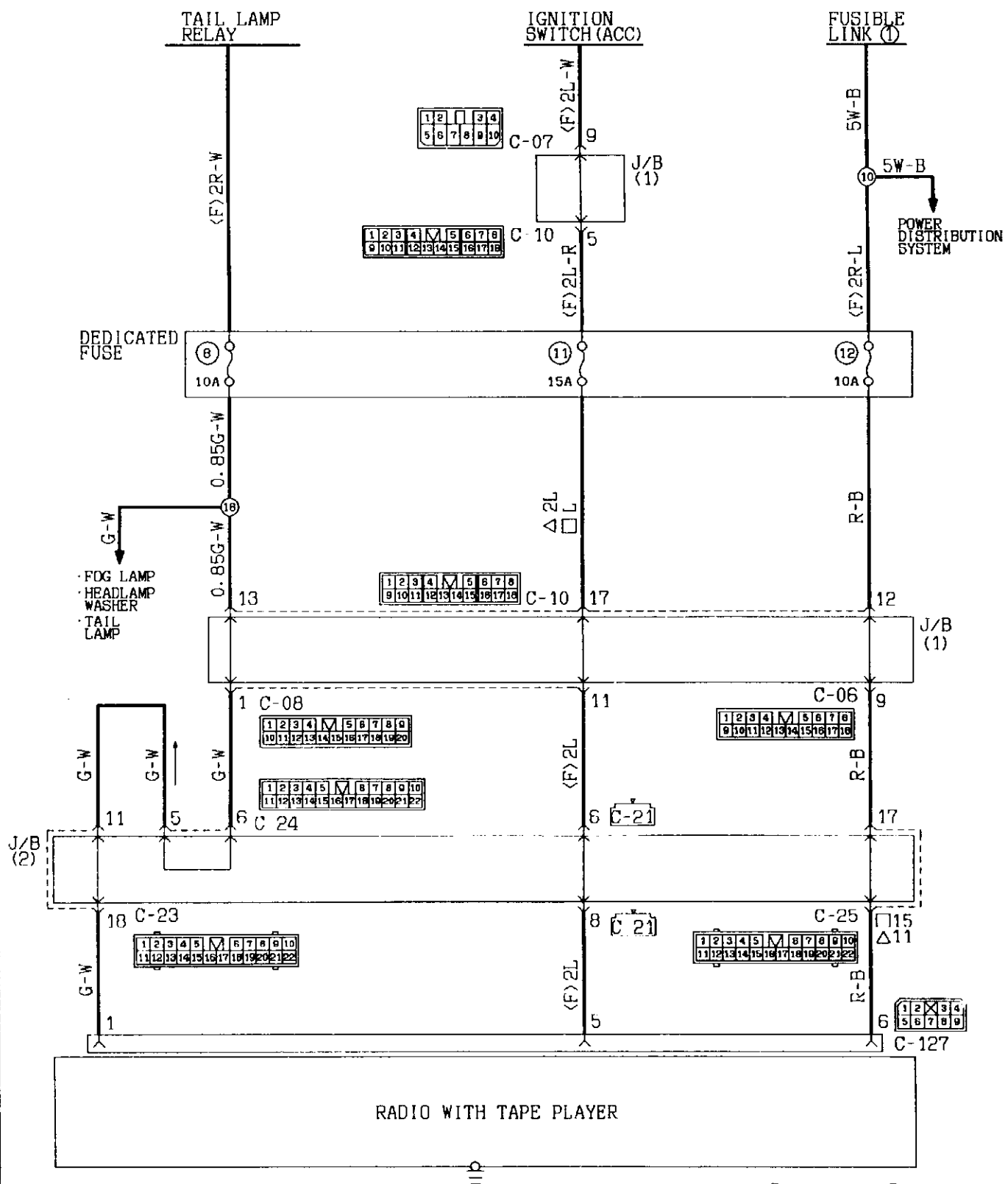
KX35-AC-F1308-E

REMOTE CONTROLLED MIRROR  
R.H. drive vehicles



KX35-AC-F1309-E

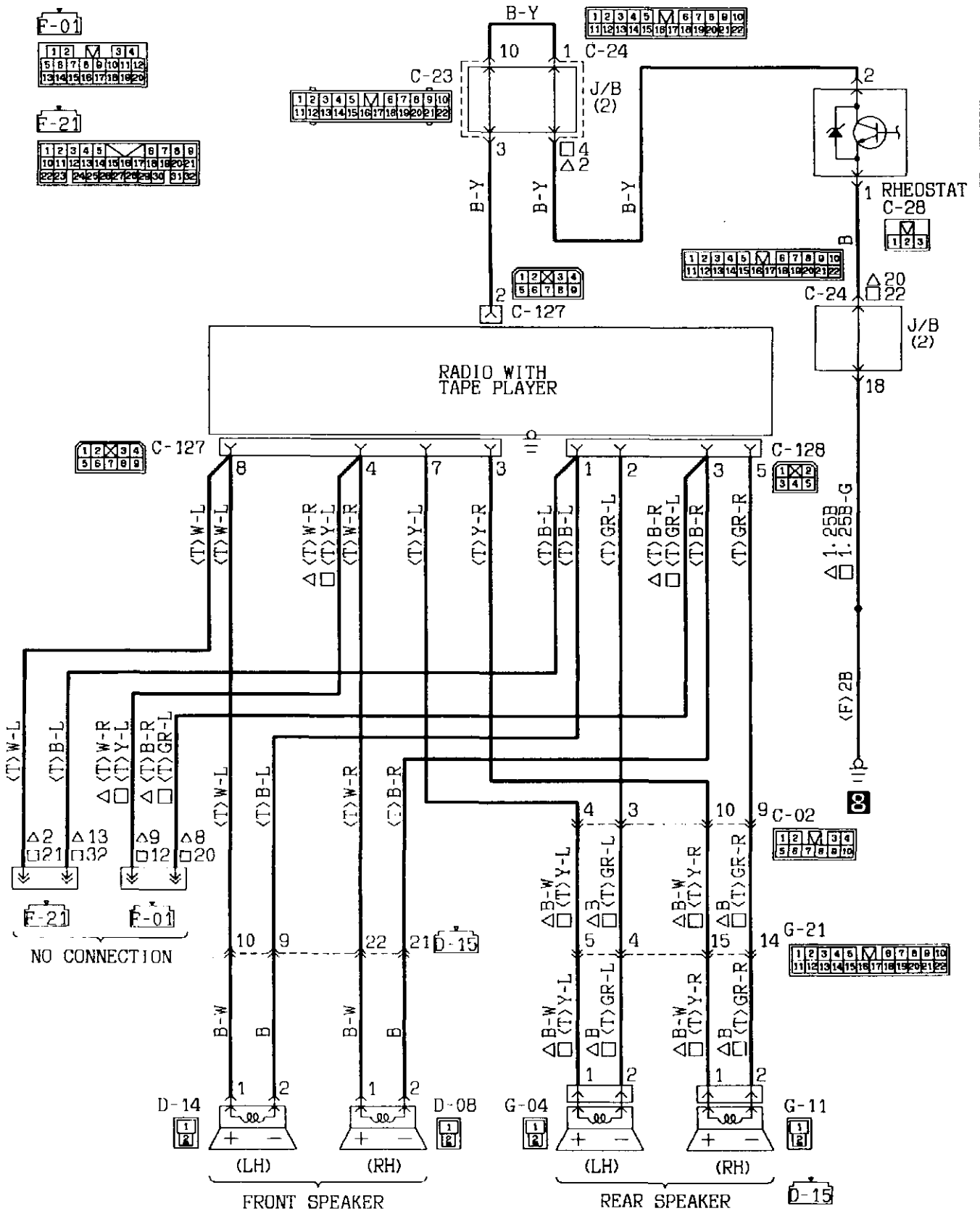
RADIO WITH TAPE PLAYER  
Pole antenna (Sedan)



KX35-AC-F1403-EC

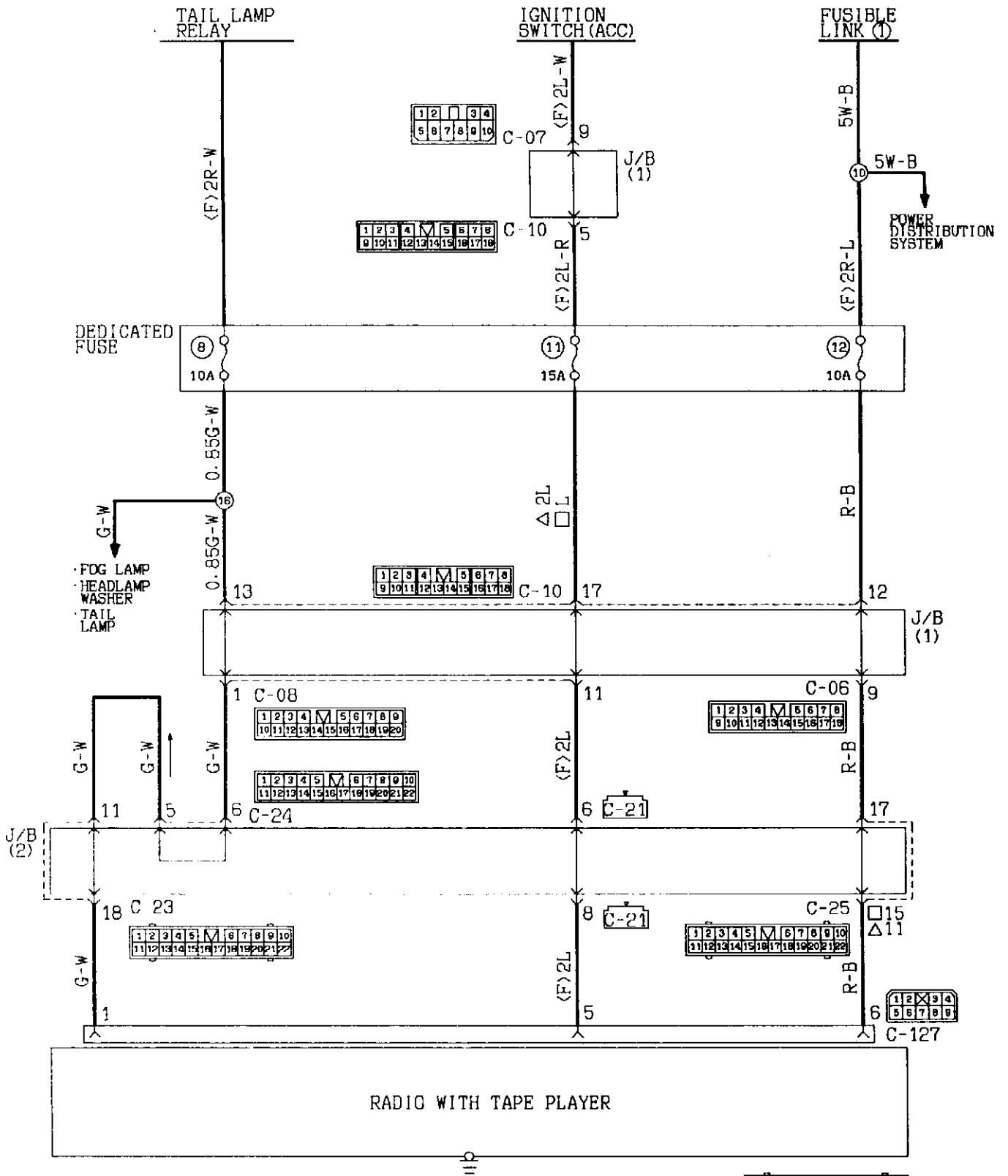
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet





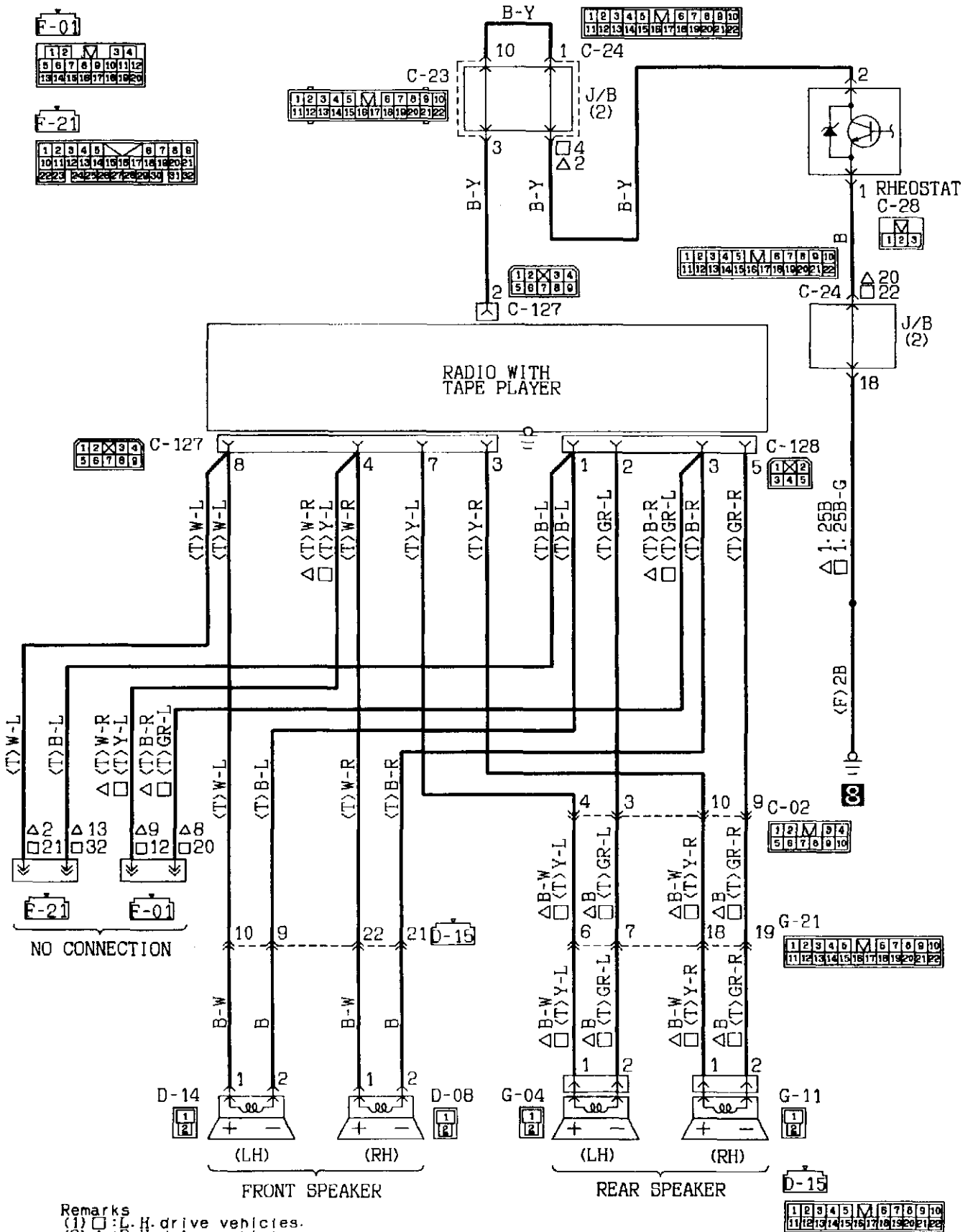
Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.

RADIO WITH TAPE PLAYER  
Pole antenna (Hatchback)



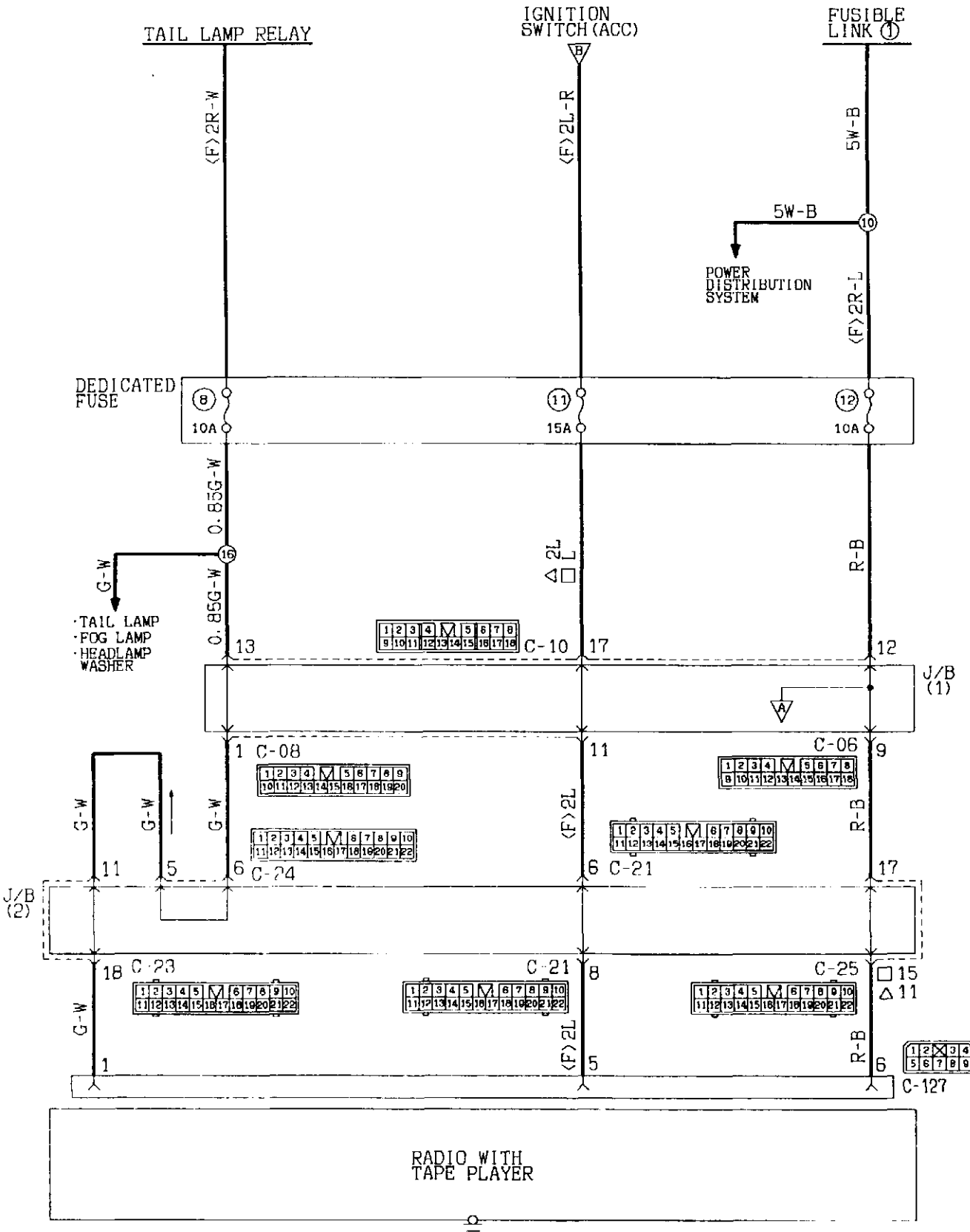
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



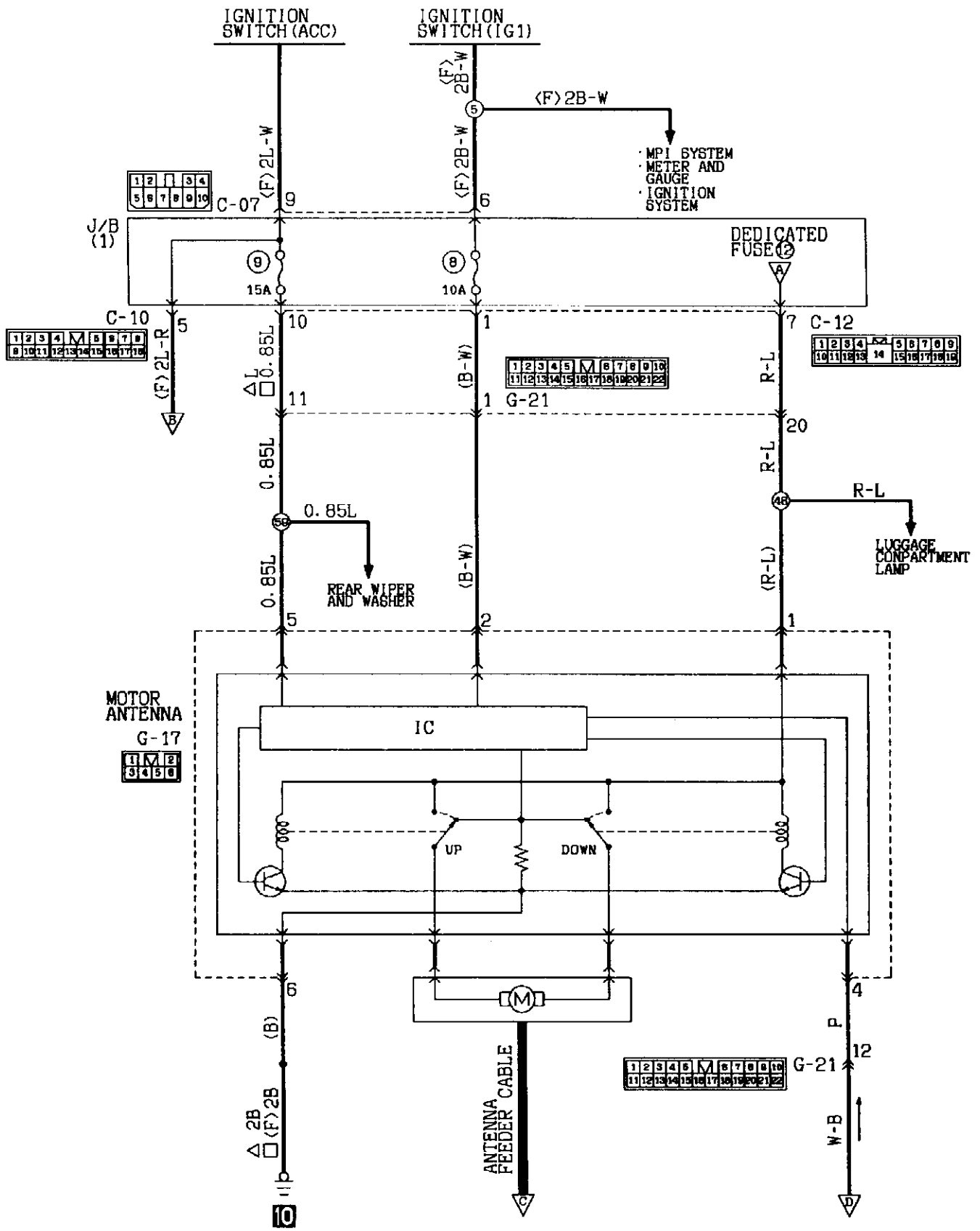


# RADIO WITH TAPE PLAYER

Motor antenna (Sedan)

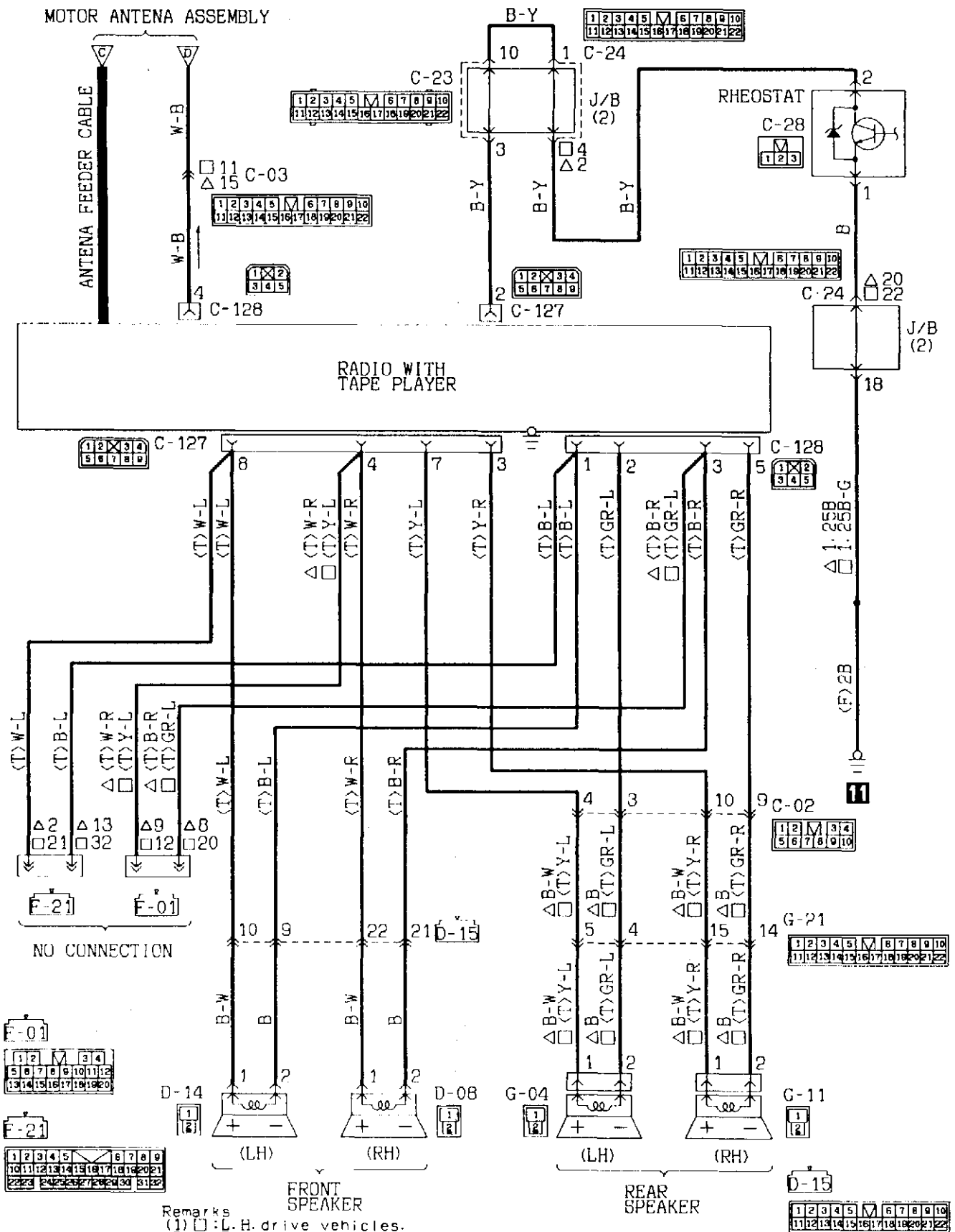


KX35-AC-F1405-EC



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

RADIO WITH TAPE PLAYER (MOTOR ANTENNA) (SEDAN) (CONTINUED)



Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.

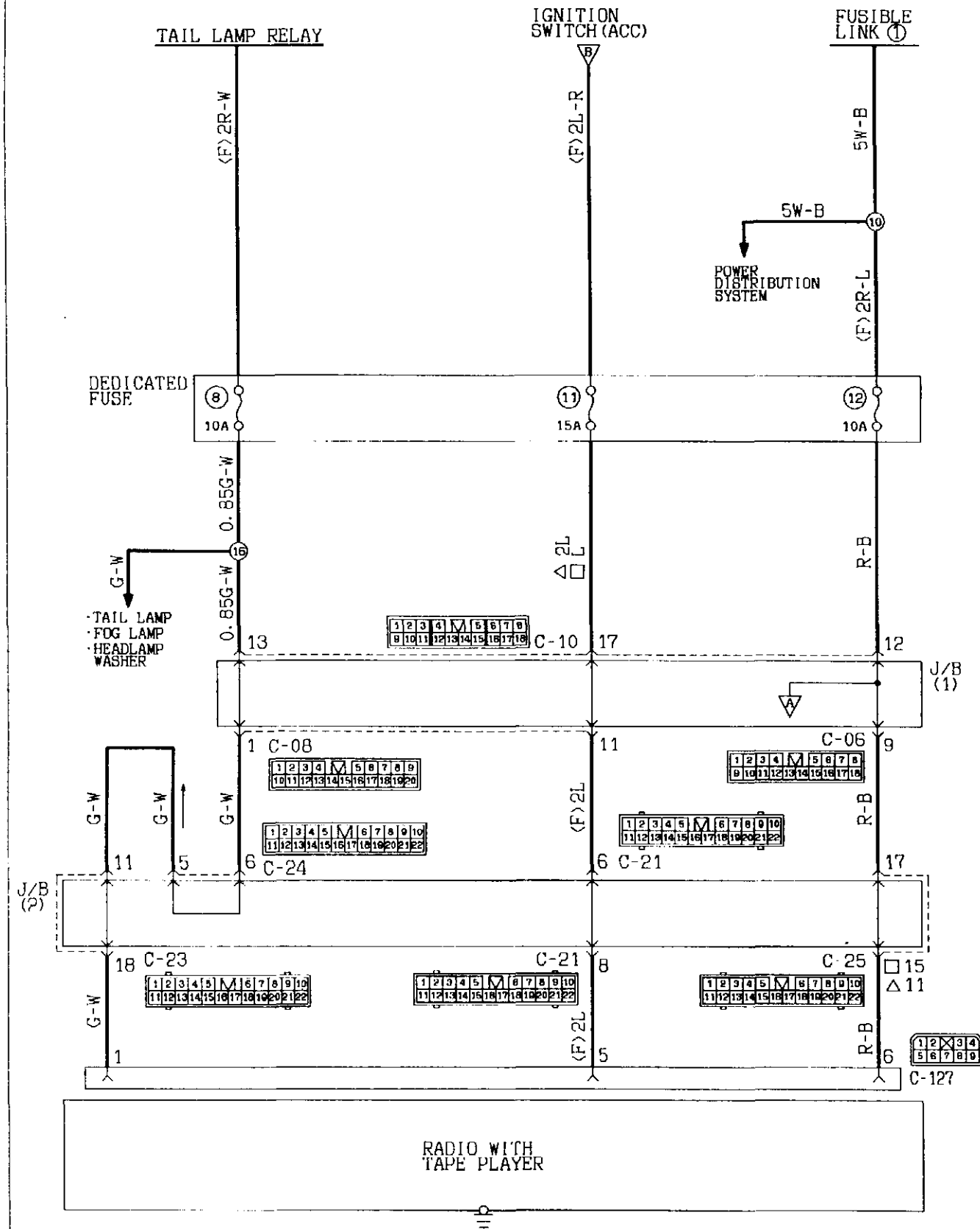
KX35-AC-F1405A-EC

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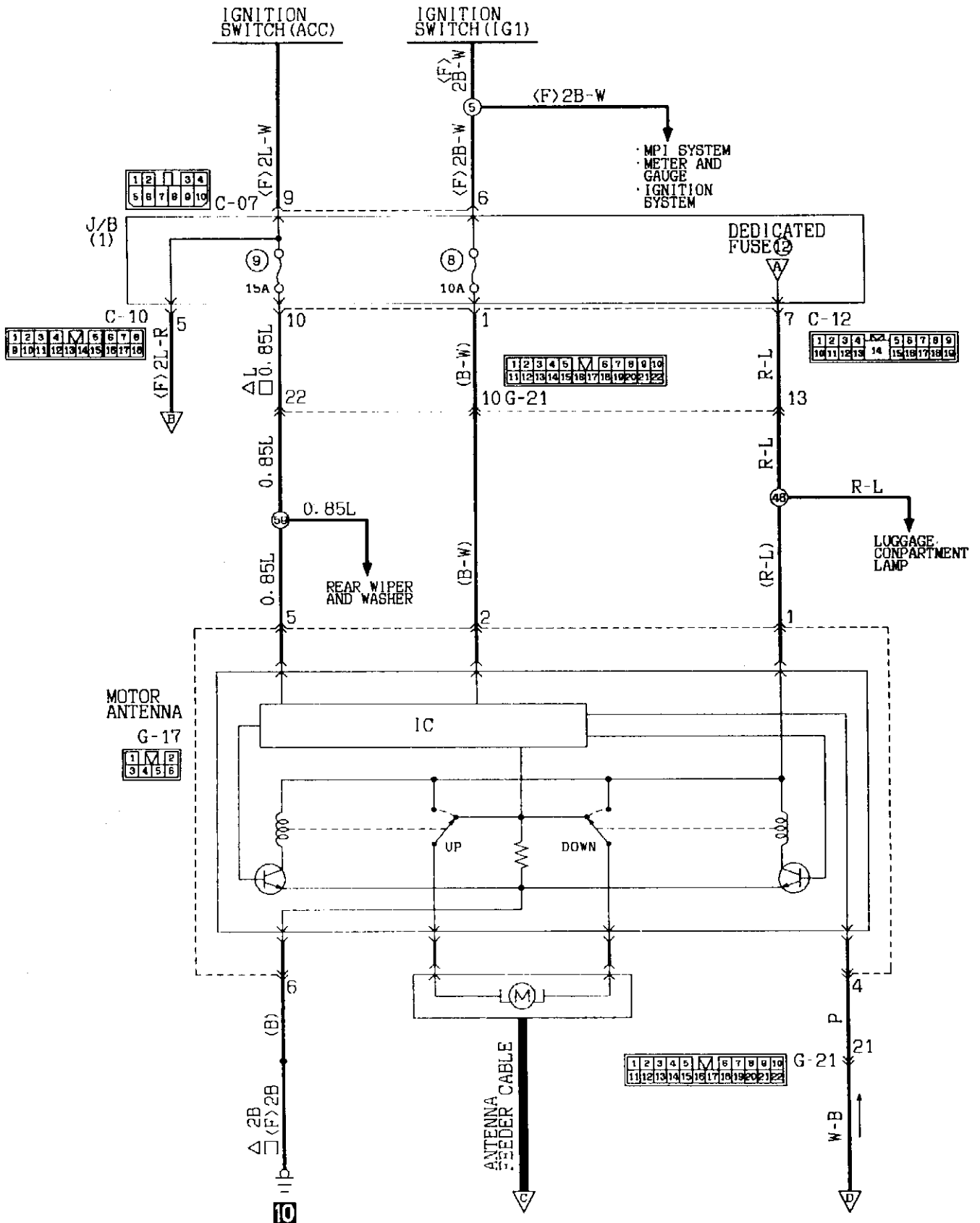
**NOTES**

# RADIO WITH TAPE PLAYER

Moter antenna (Hatchback)

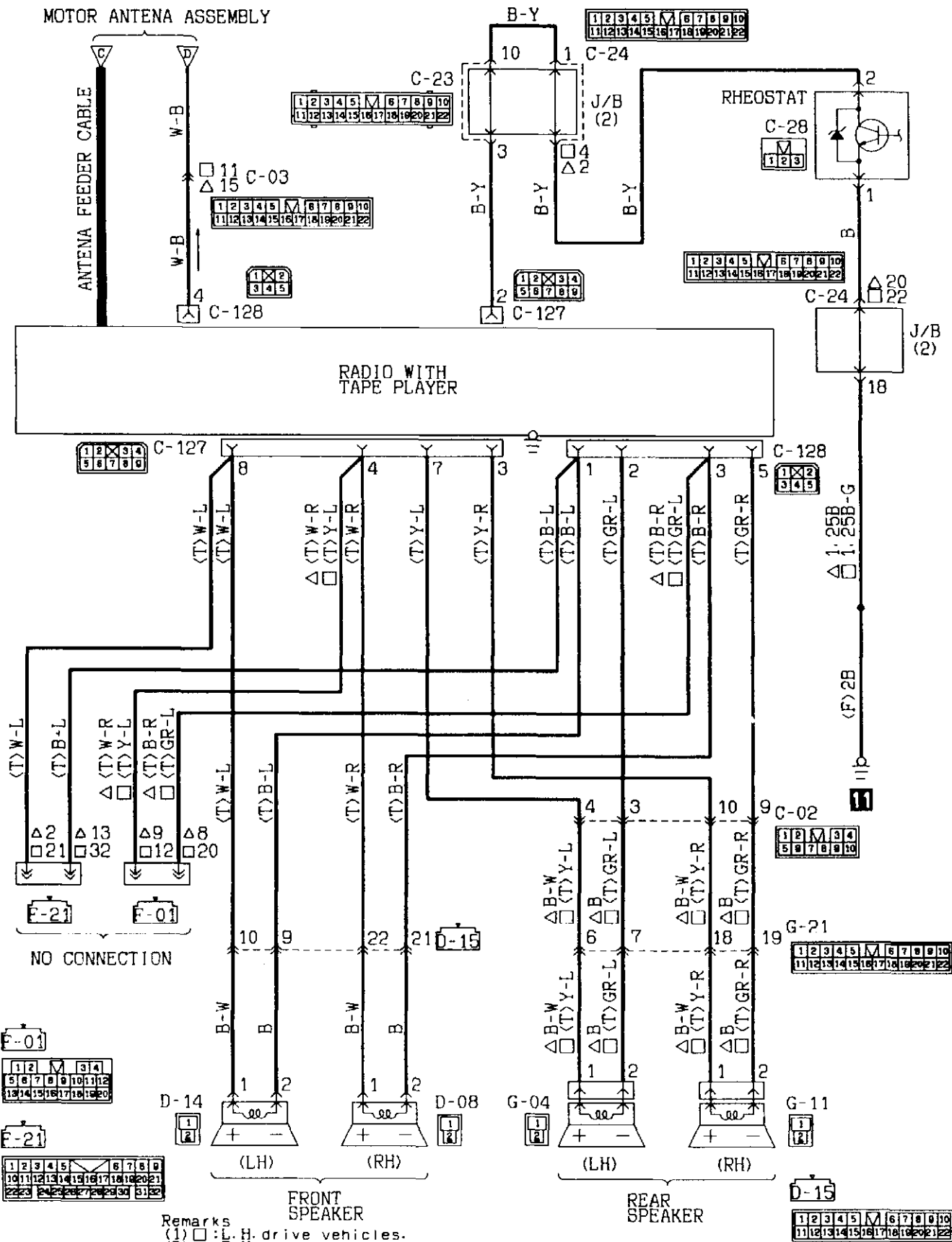


KX35-AC-F1406-EC



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

RADIO WITH TAPE PLAYER (MOTOR ANTENNA) (HATCHBACK) (CONTINUED)

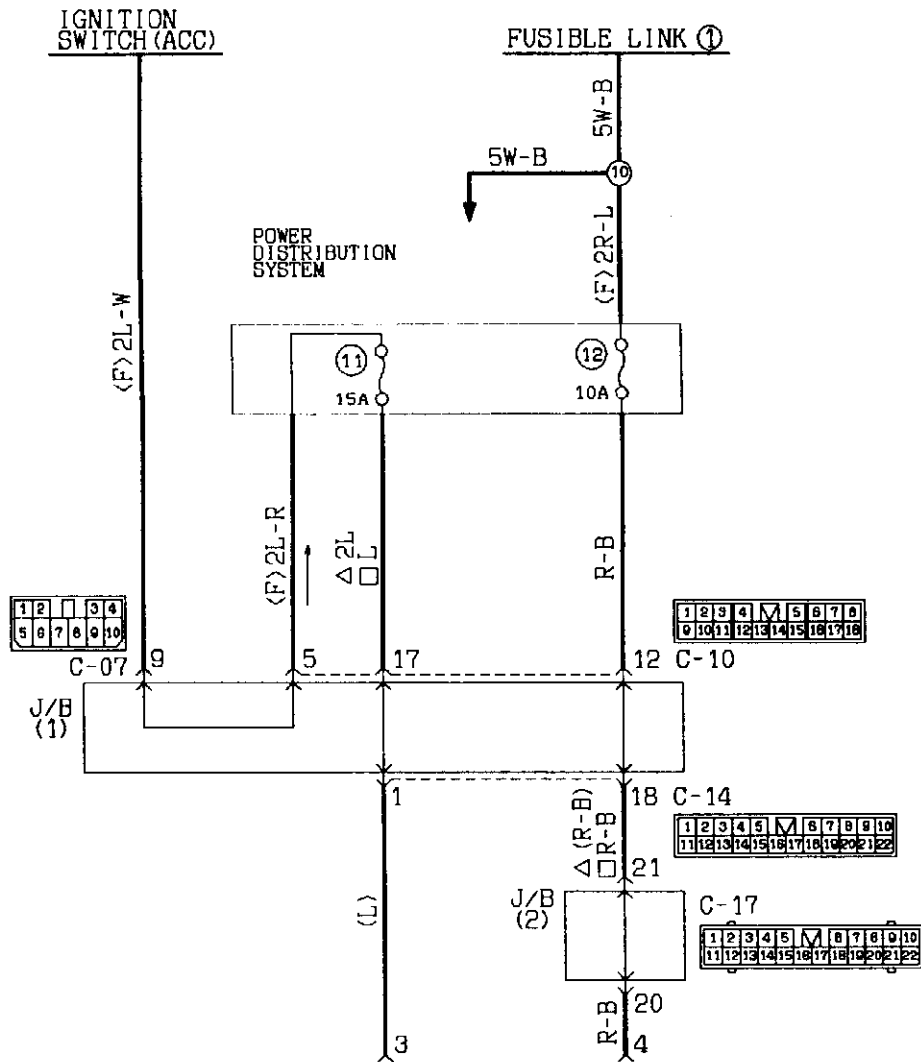


Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.

KX35-AC-F1406A-EC



CLOCK

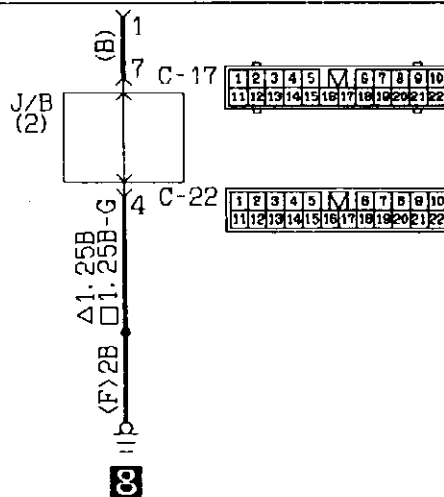


CLOCK

D-06



10:10



Remarks

- (1) □ : L. H. drive vehicles.
- (2) △ : R. H. drive vehicles.

Wire colour code  
 B:Black BR:Brown  
 LG:Light green O:Orange

G:Green GR:Gray

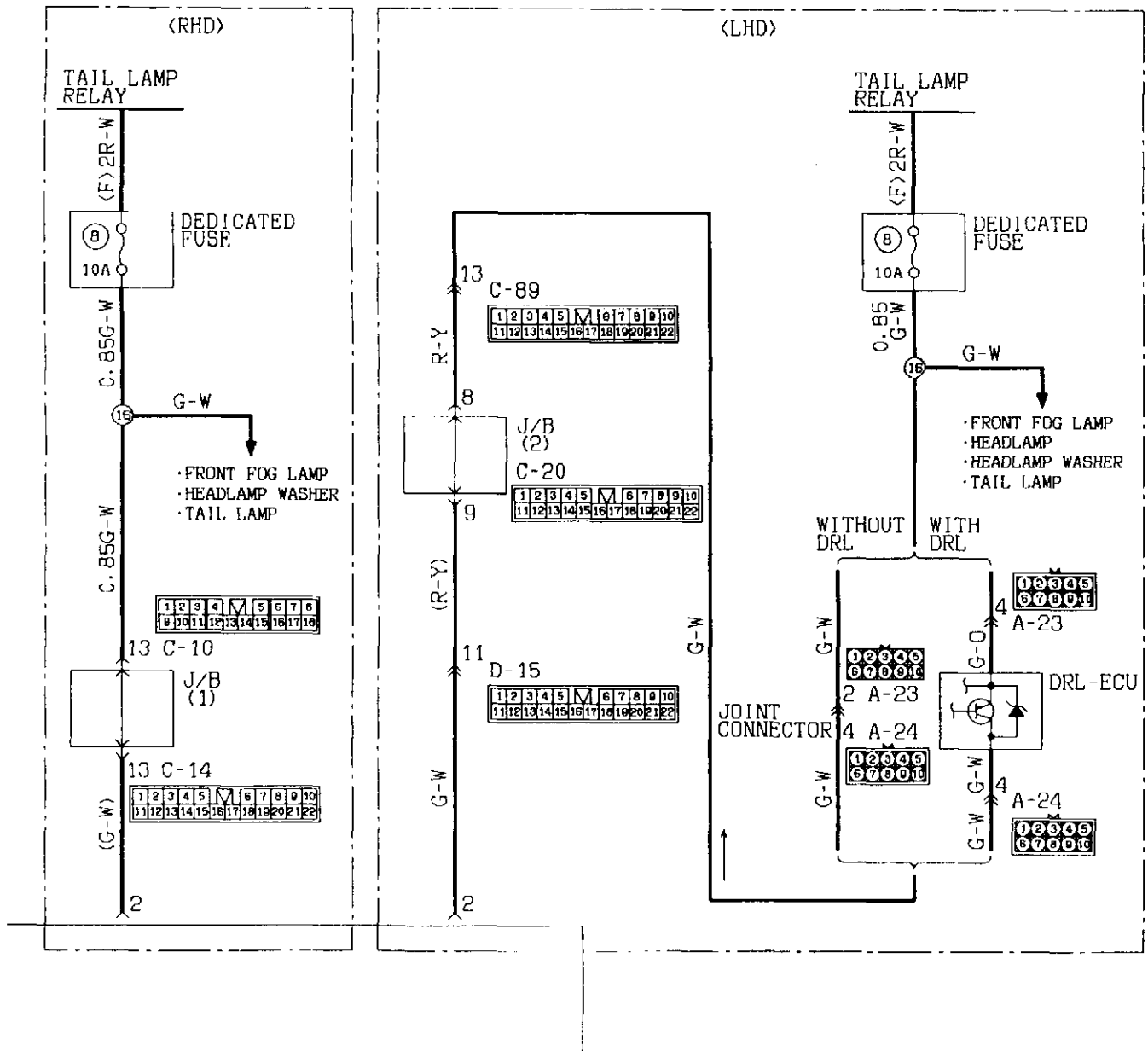
L:Blue R:Red

W:White P:Pink

Y:Yellow V:Violet

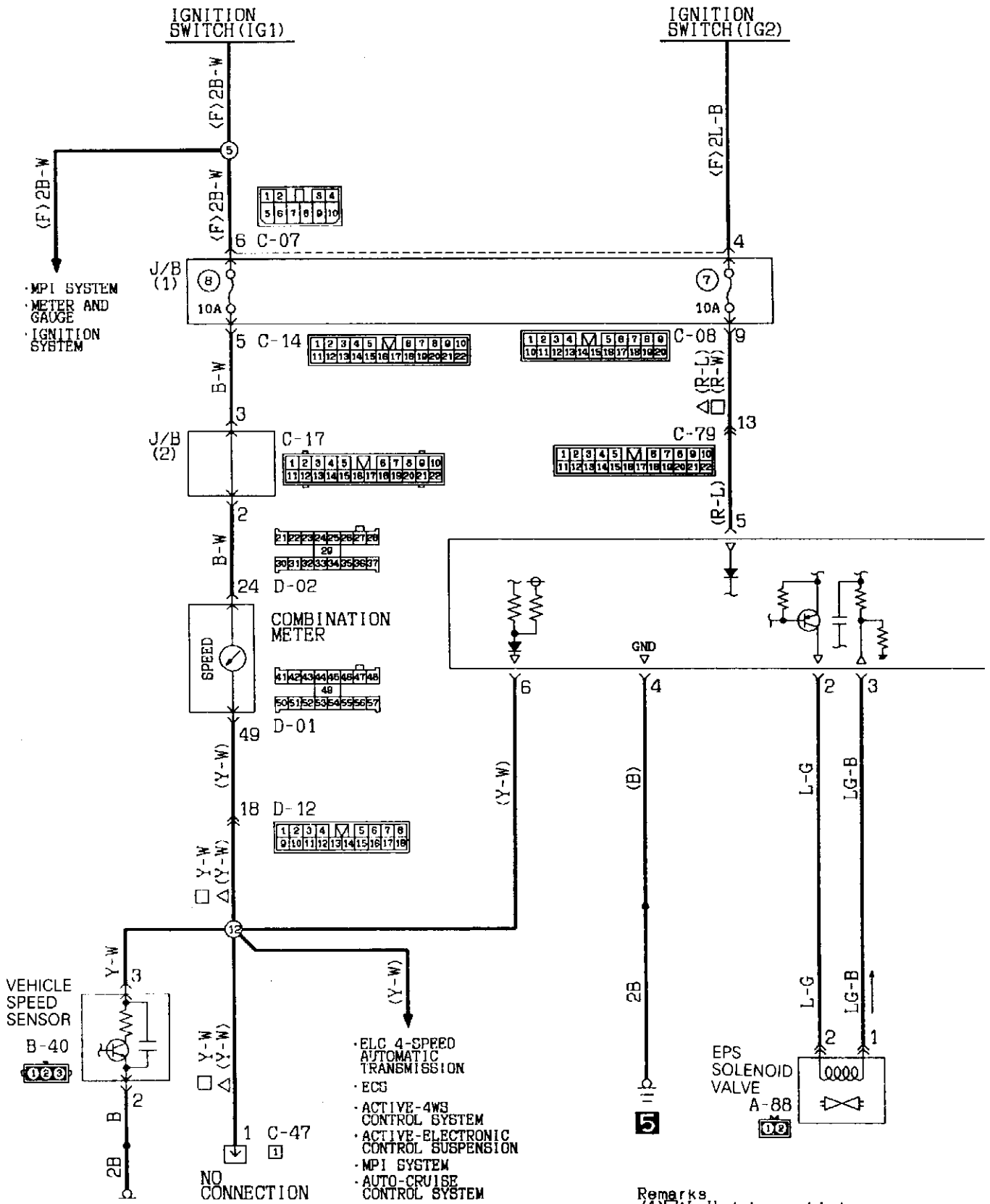
SB:Sky blue

CLOCK (CONTINUED)





ELECTRONIC CONTROL POWER STEERING

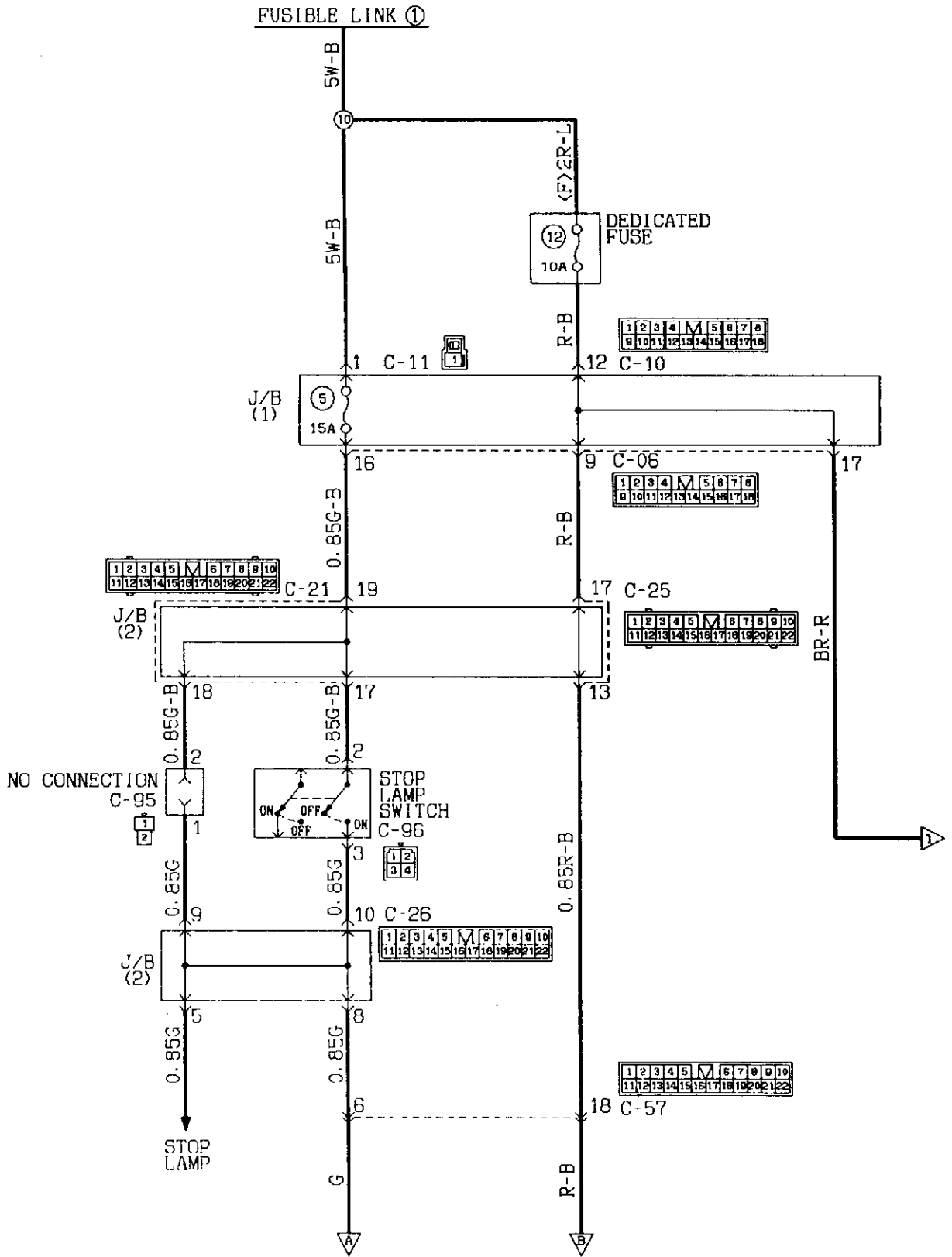


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

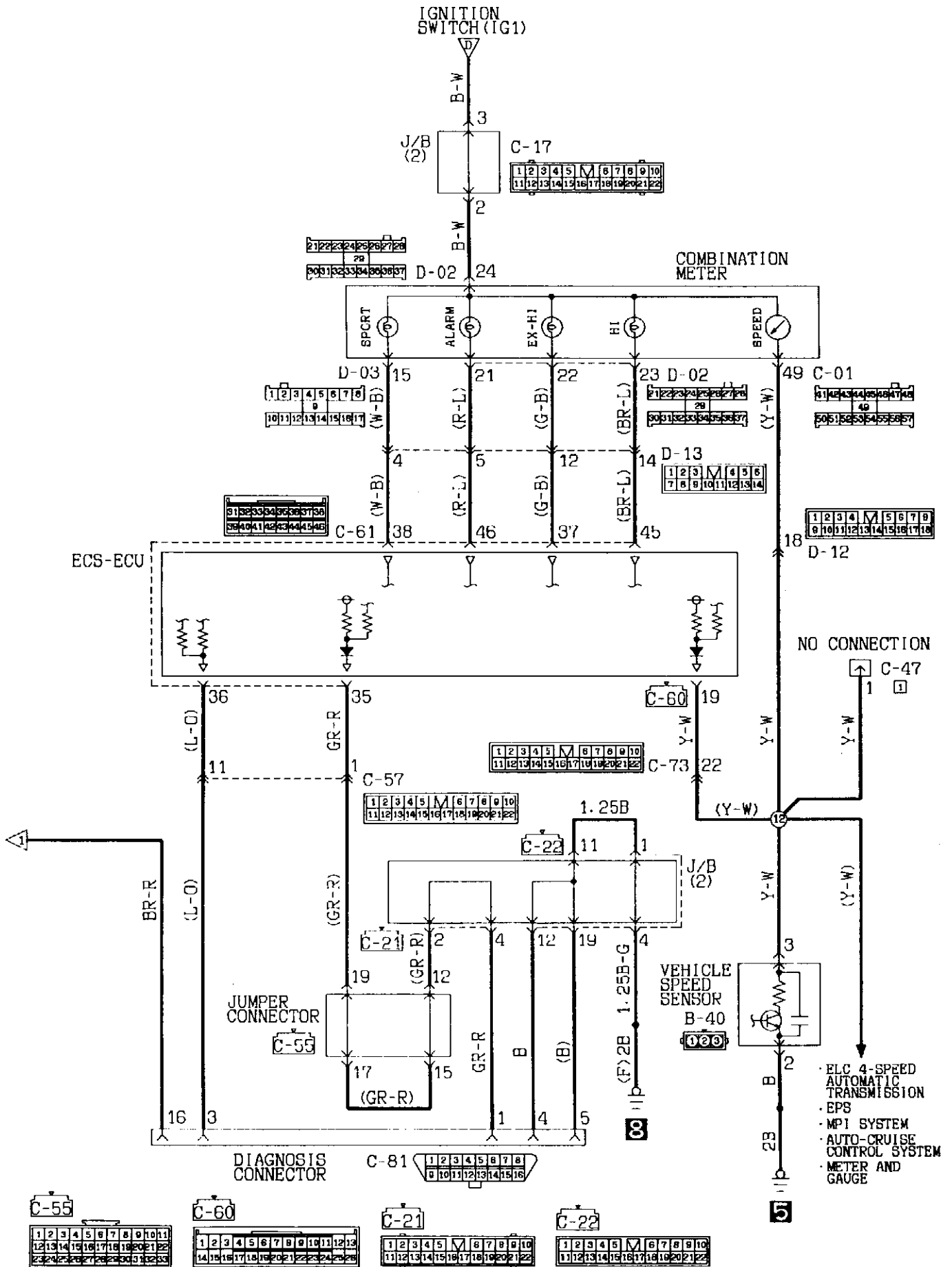
Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.



ACTIVE-ELECTRONIC CONTROL SUSPENSION  
L.H. drive vehicles

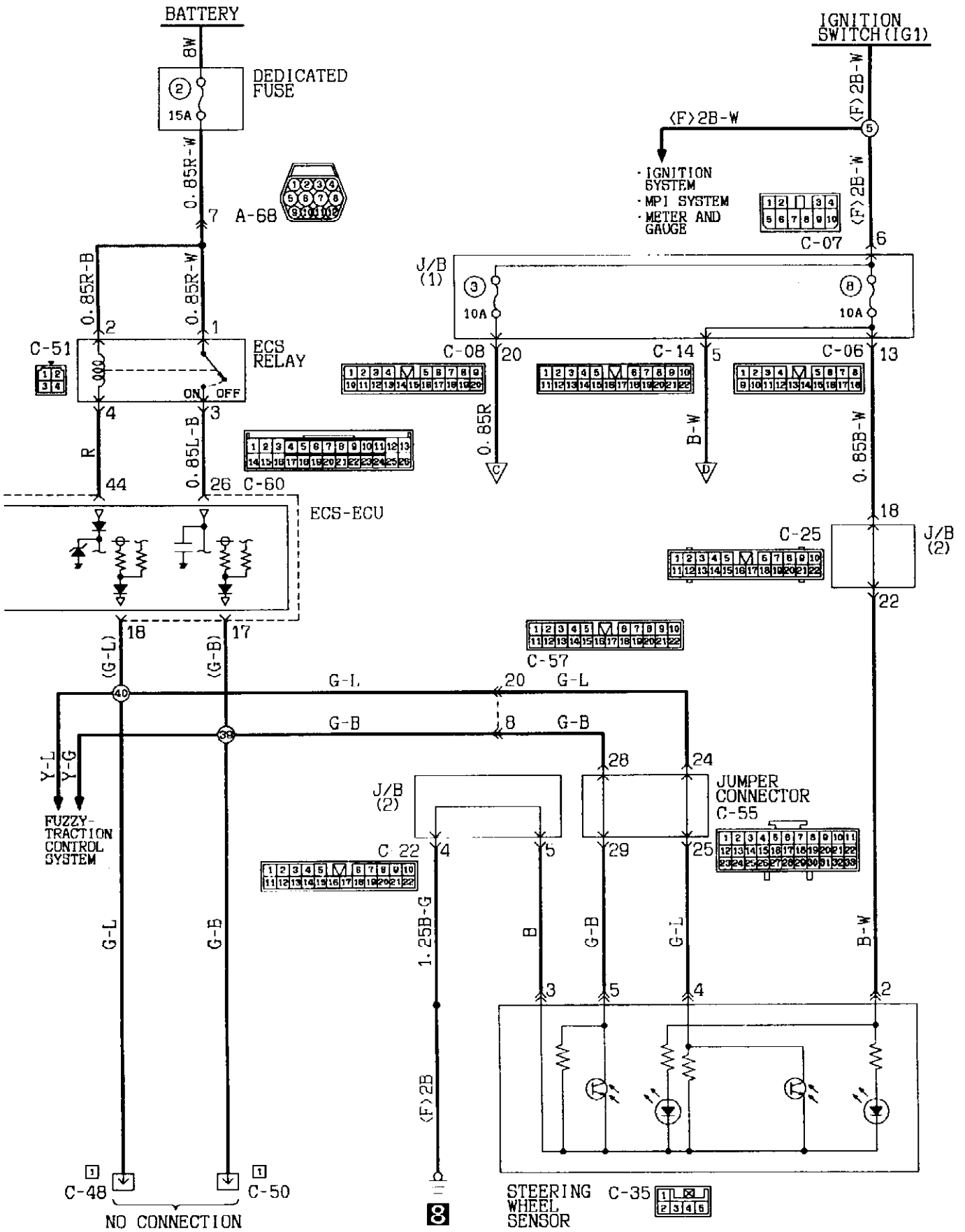


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

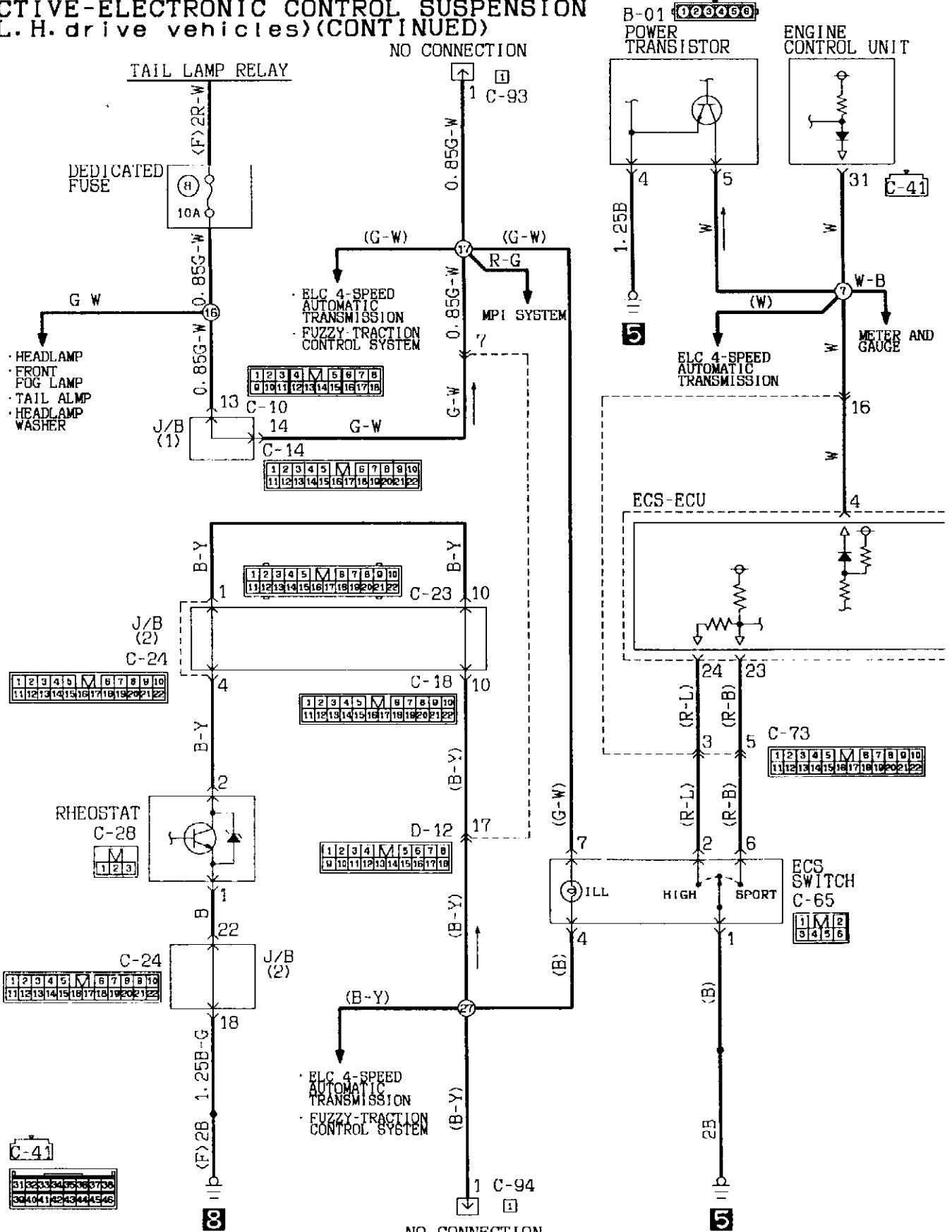






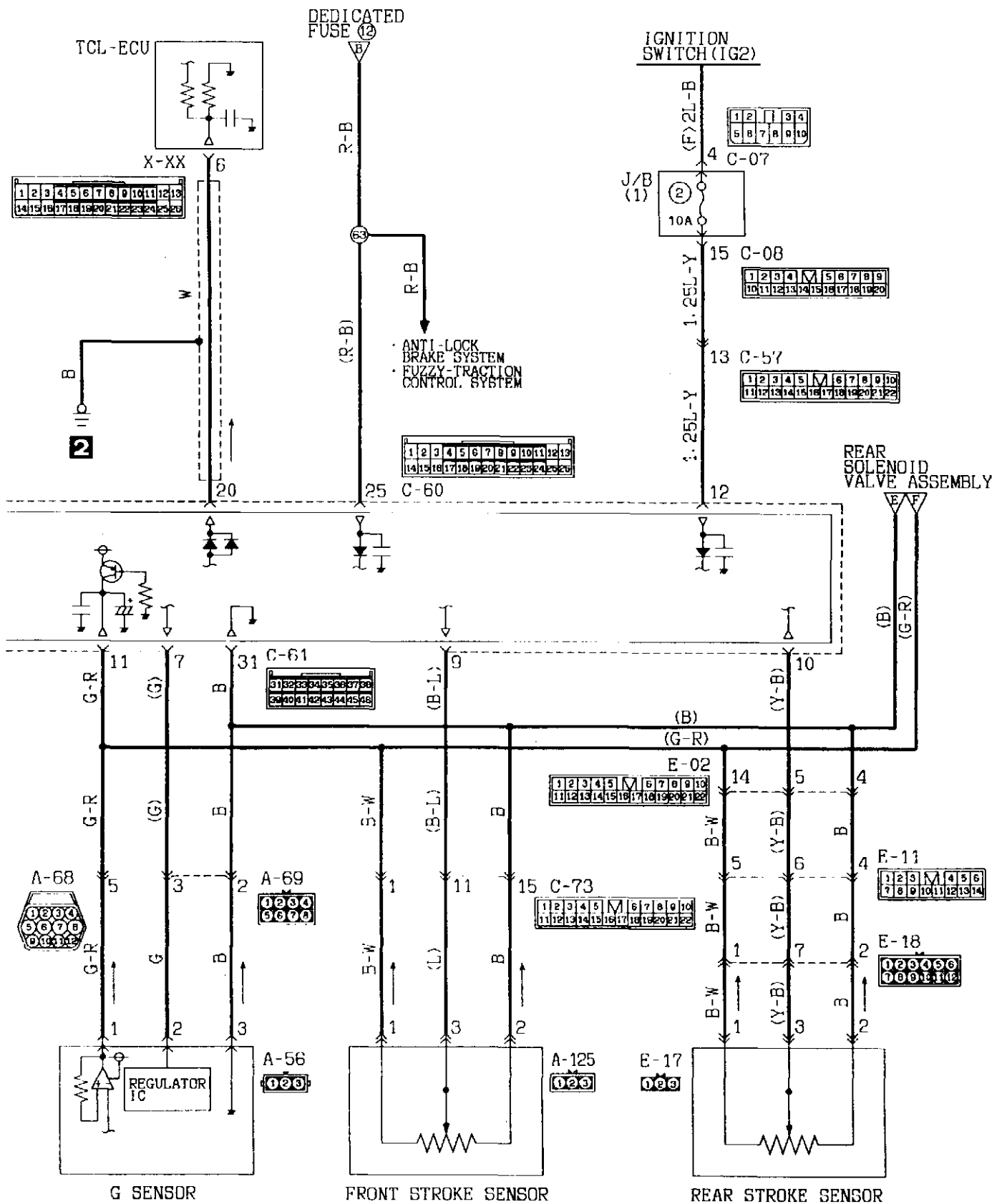


ACTIVE-ELECTRONIC CONTROL SUSPENSION  
(L.H. drive vehicles)(CONTINUED)

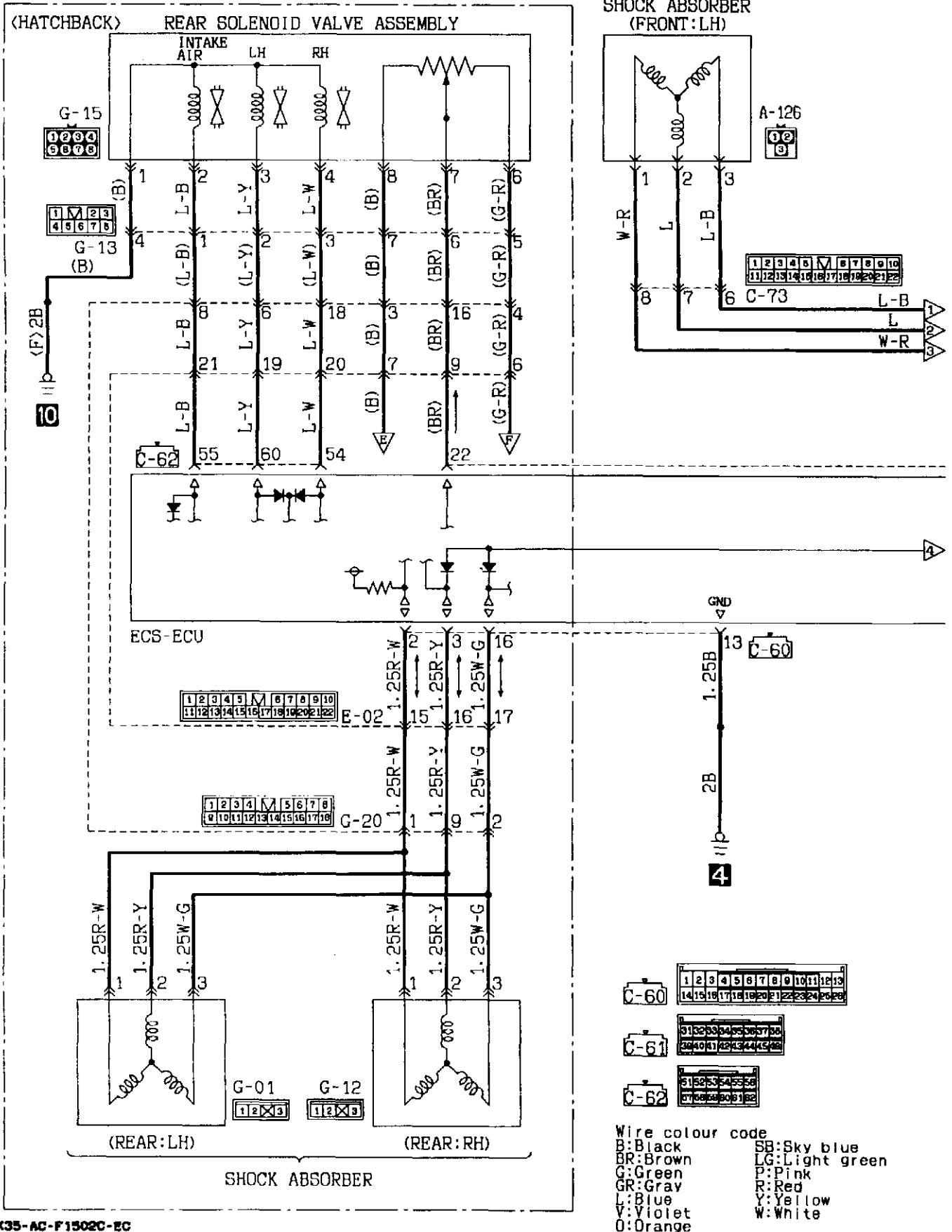


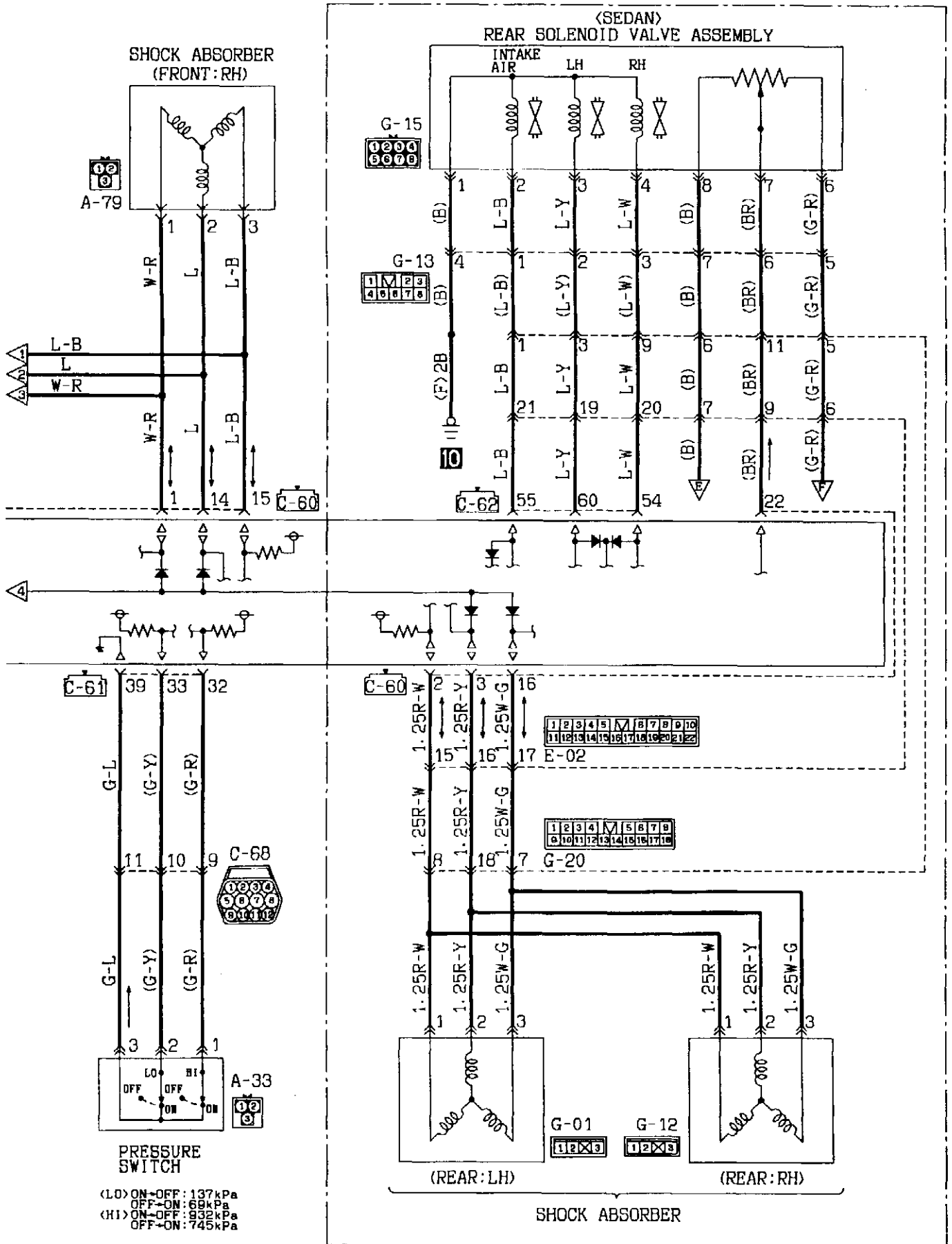
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F1502B-EC

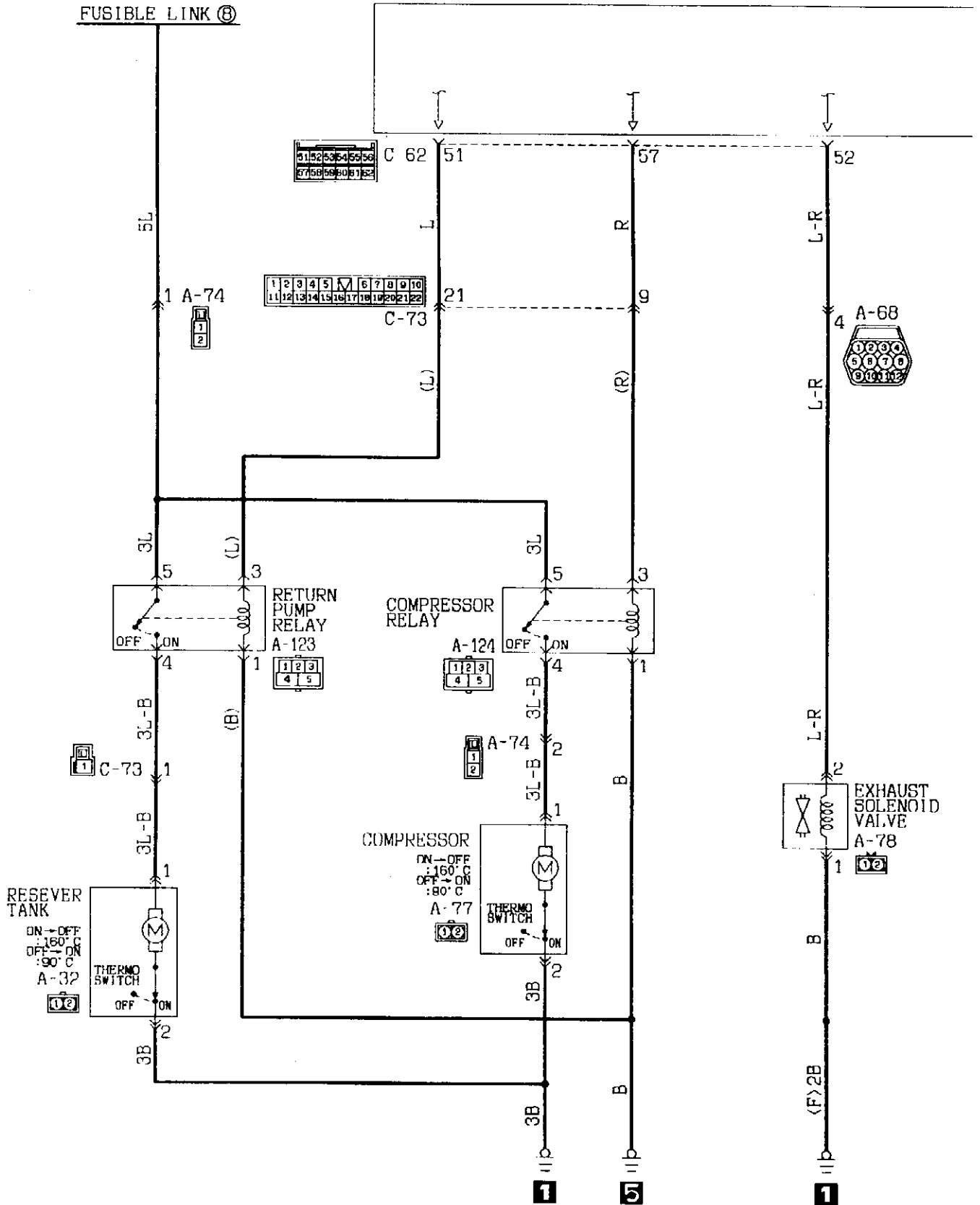


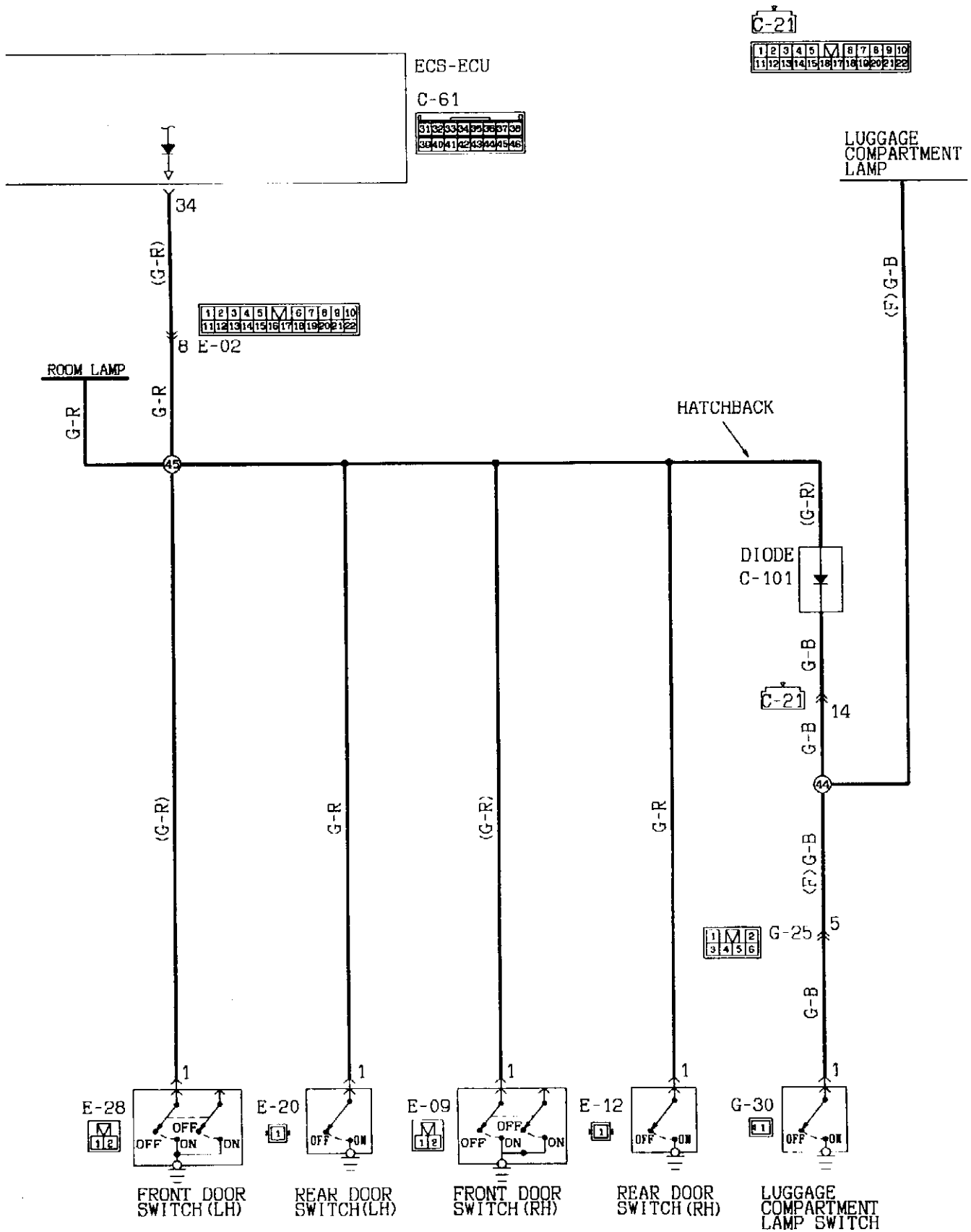
ACTIVE-ELECTRONIC CONTROL SUSPENSION  
(L.H. drive vehicles)(CONTINUED)





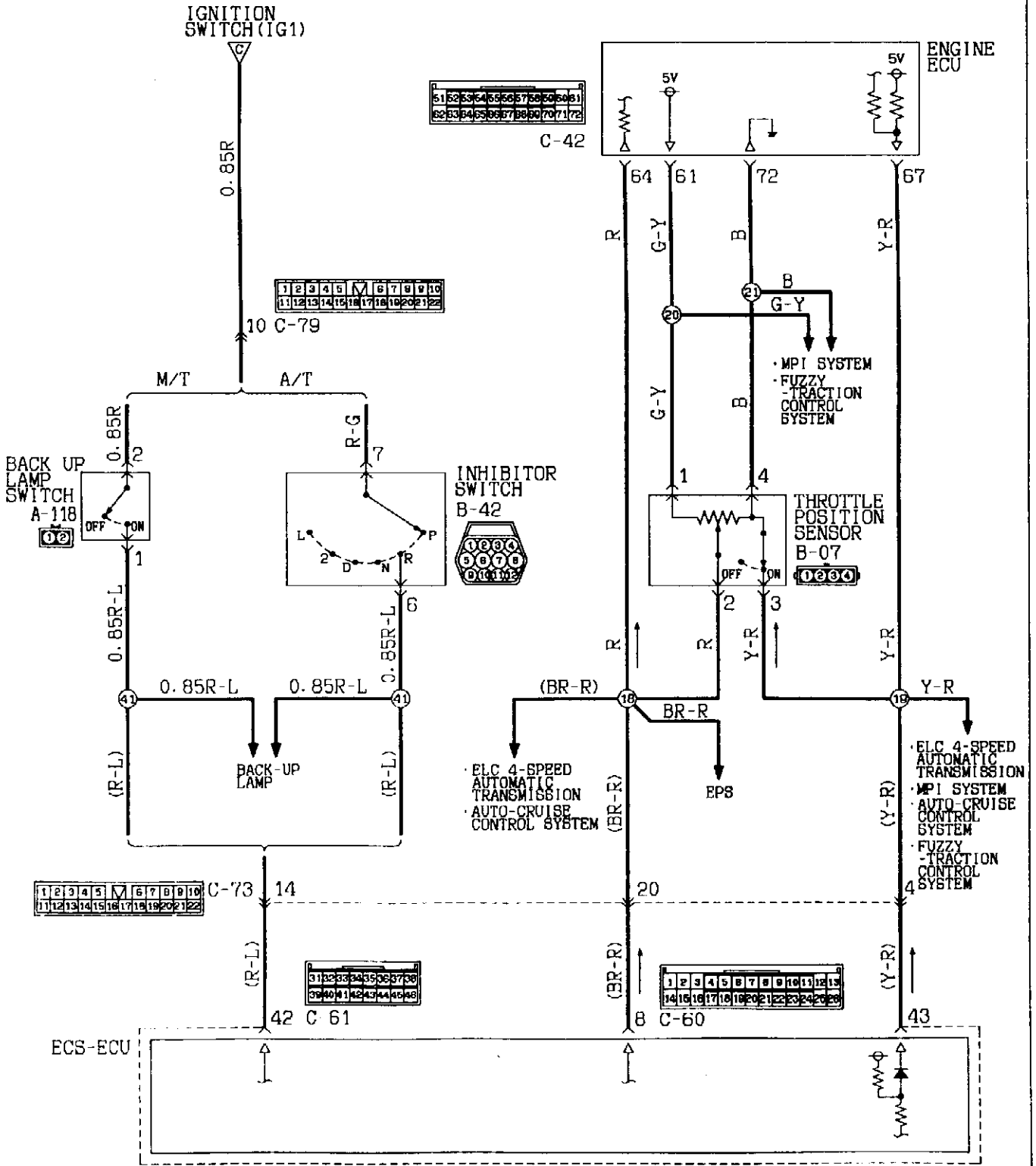
ACTIVE-ELECTRONIC CONTROL SUSPENSION  
(L.H. drive vehicles)(CONTINUED)





Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow BB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

ACTIVE-ELECTRONIC CONTROL SUSPENSION  
(L.H. drive vehicles) (CONTINUED)



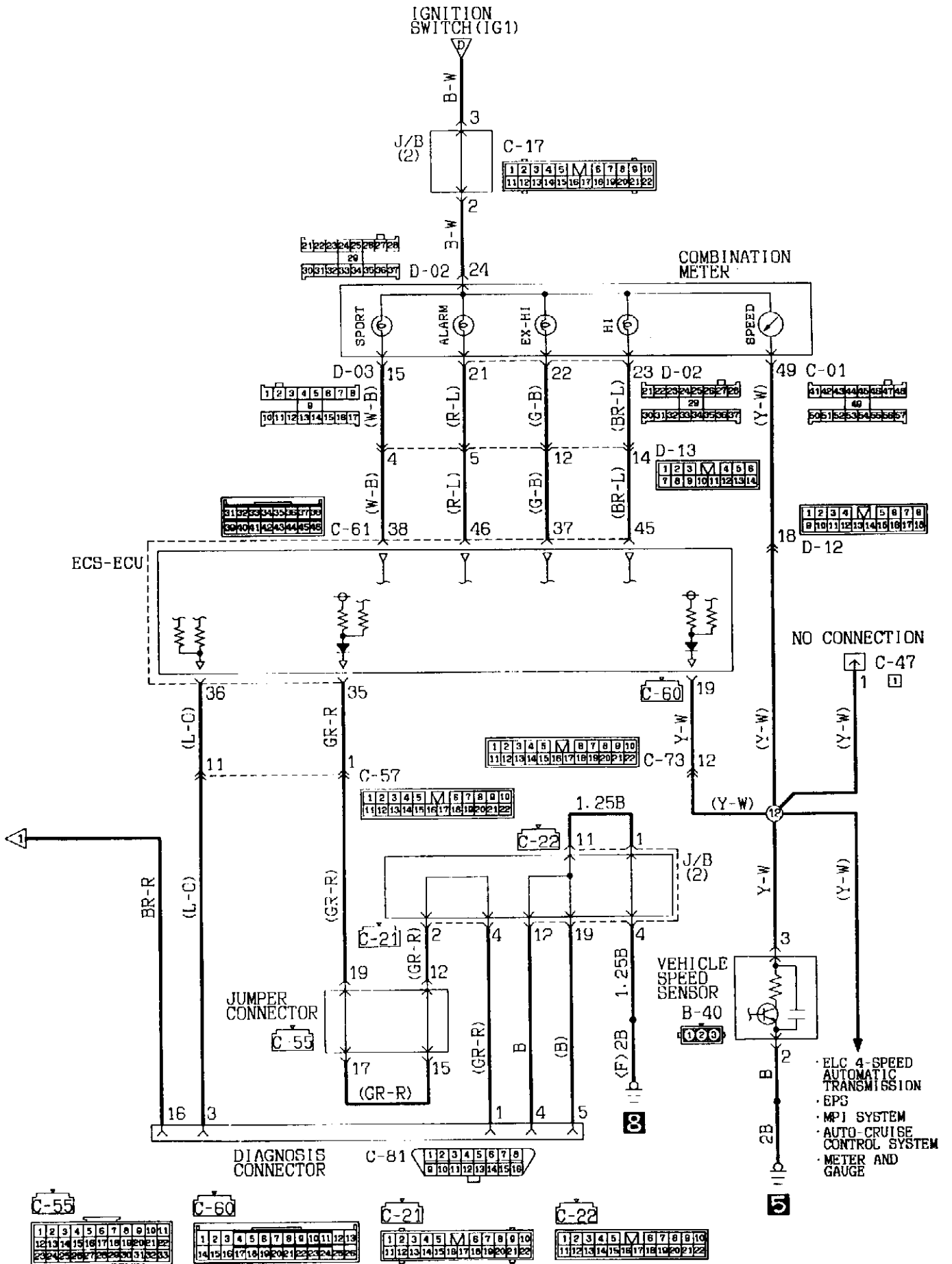
Wire colour code

B:Black LG:Light green G:Green L:Blue W:White Y:Yellow BB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

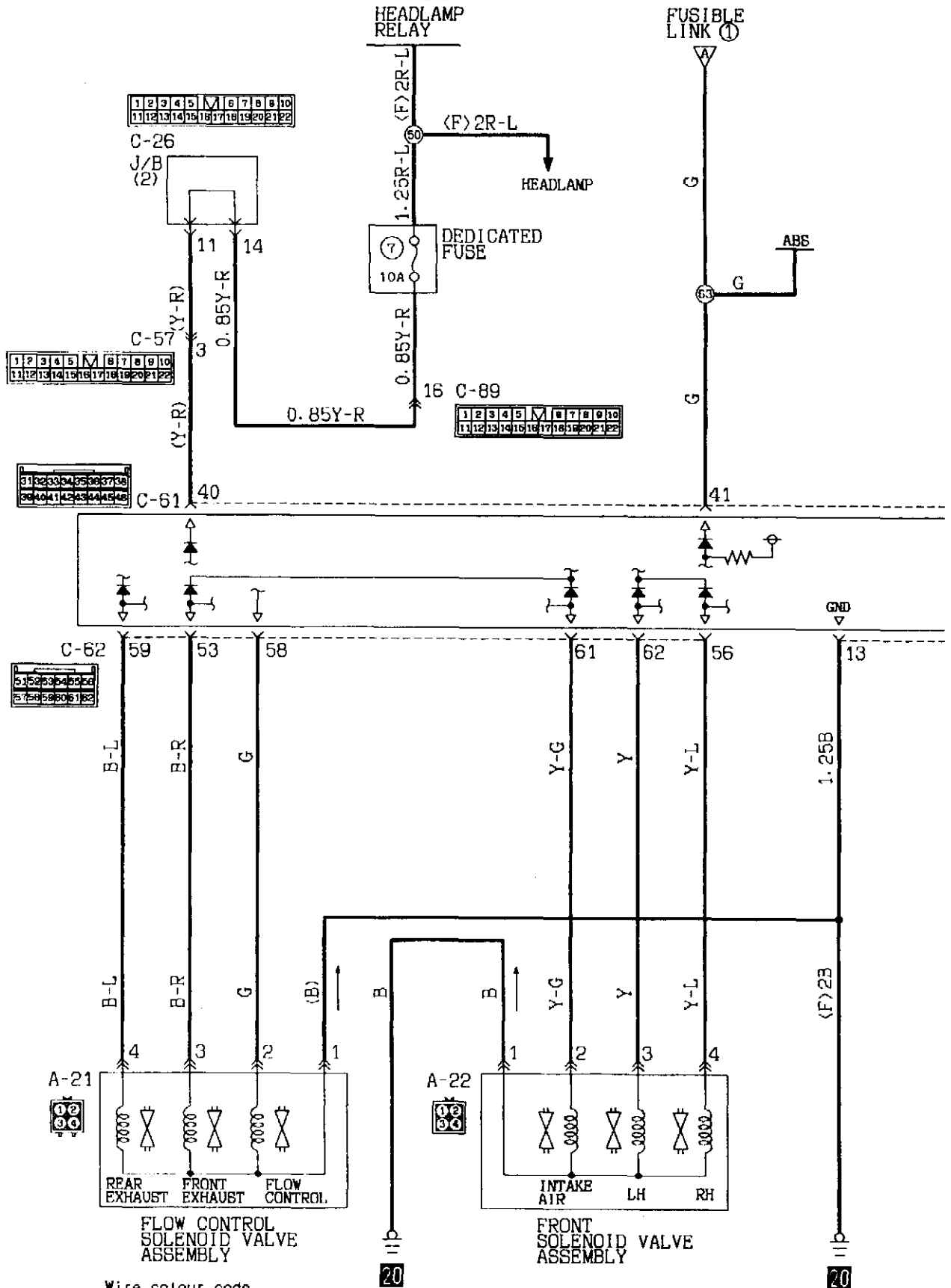


**NOTES**



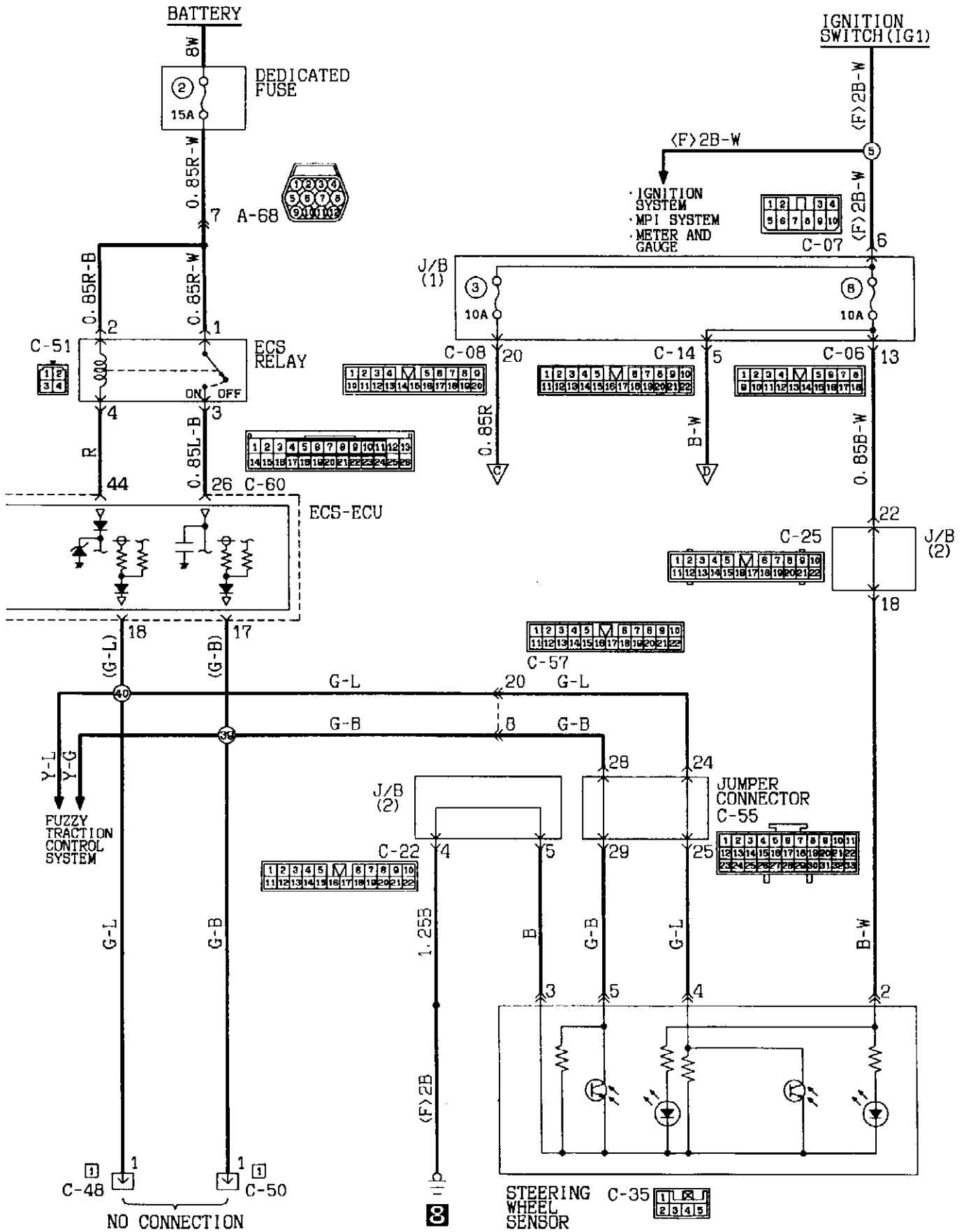


ACTIVE-ELECTRONIC CONTROL SUSPENSION  
(R. H. drive vehicles)(CONTINUED)

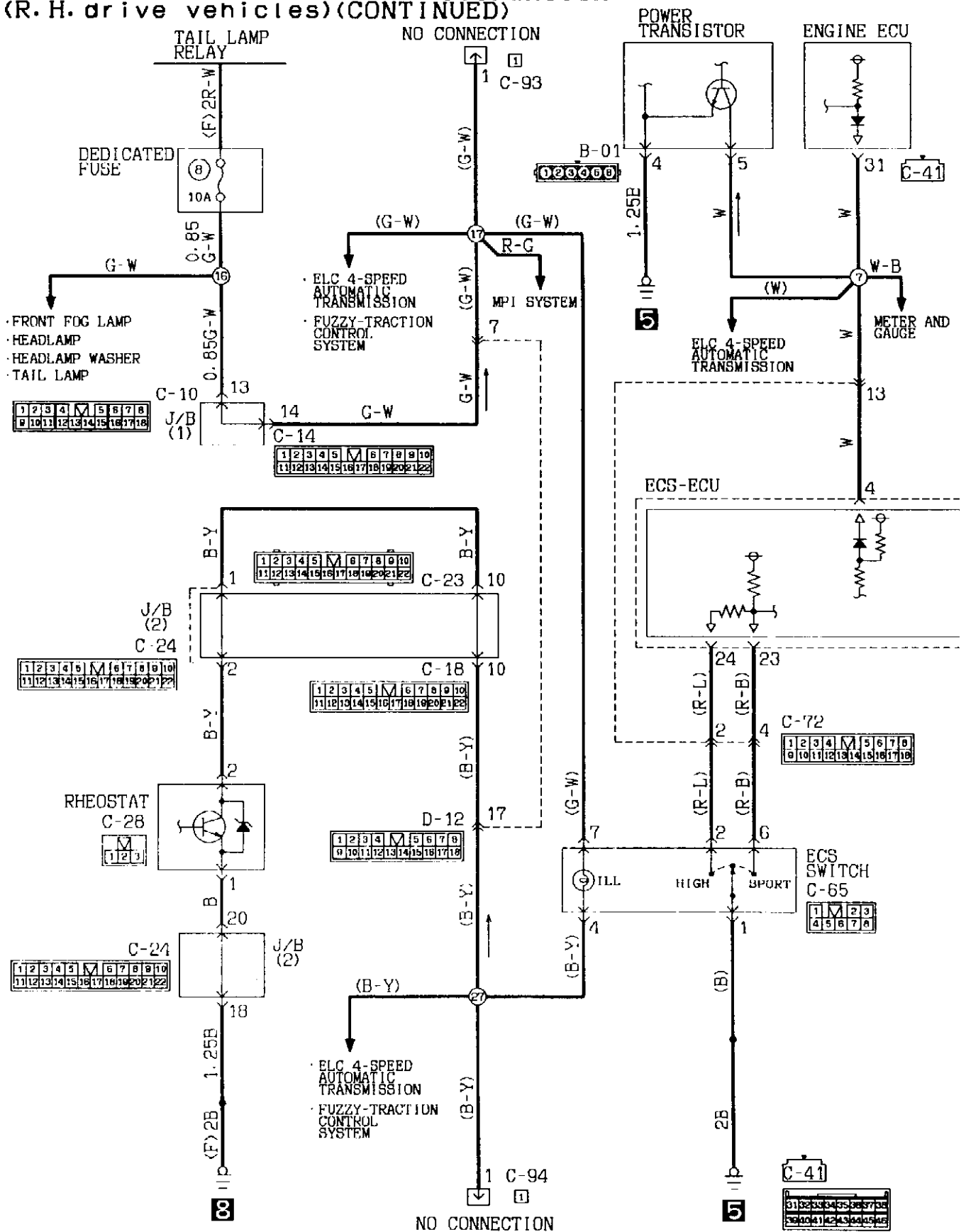


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet SB:Sky blue

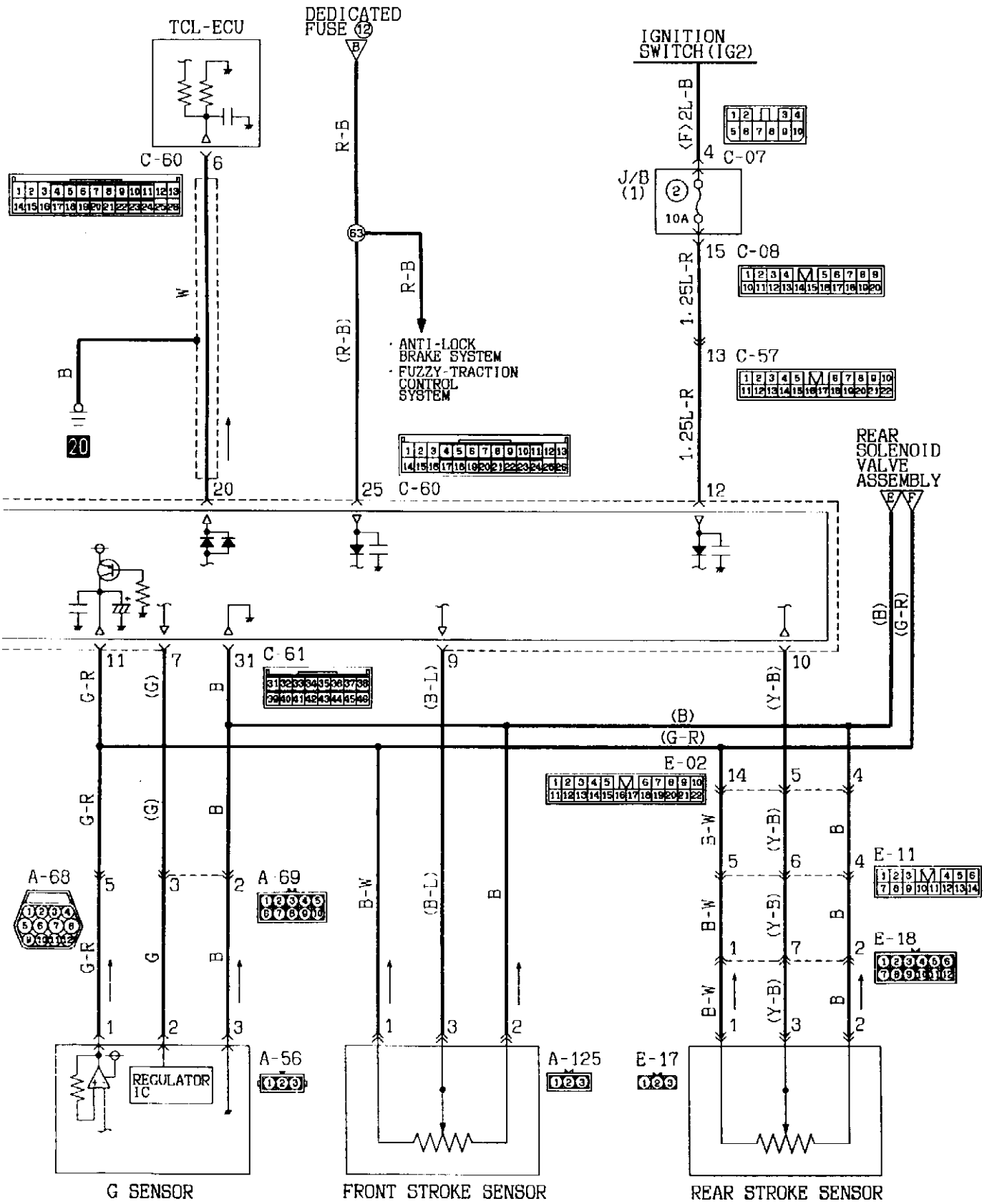
KX35-AC-F1503A-EC



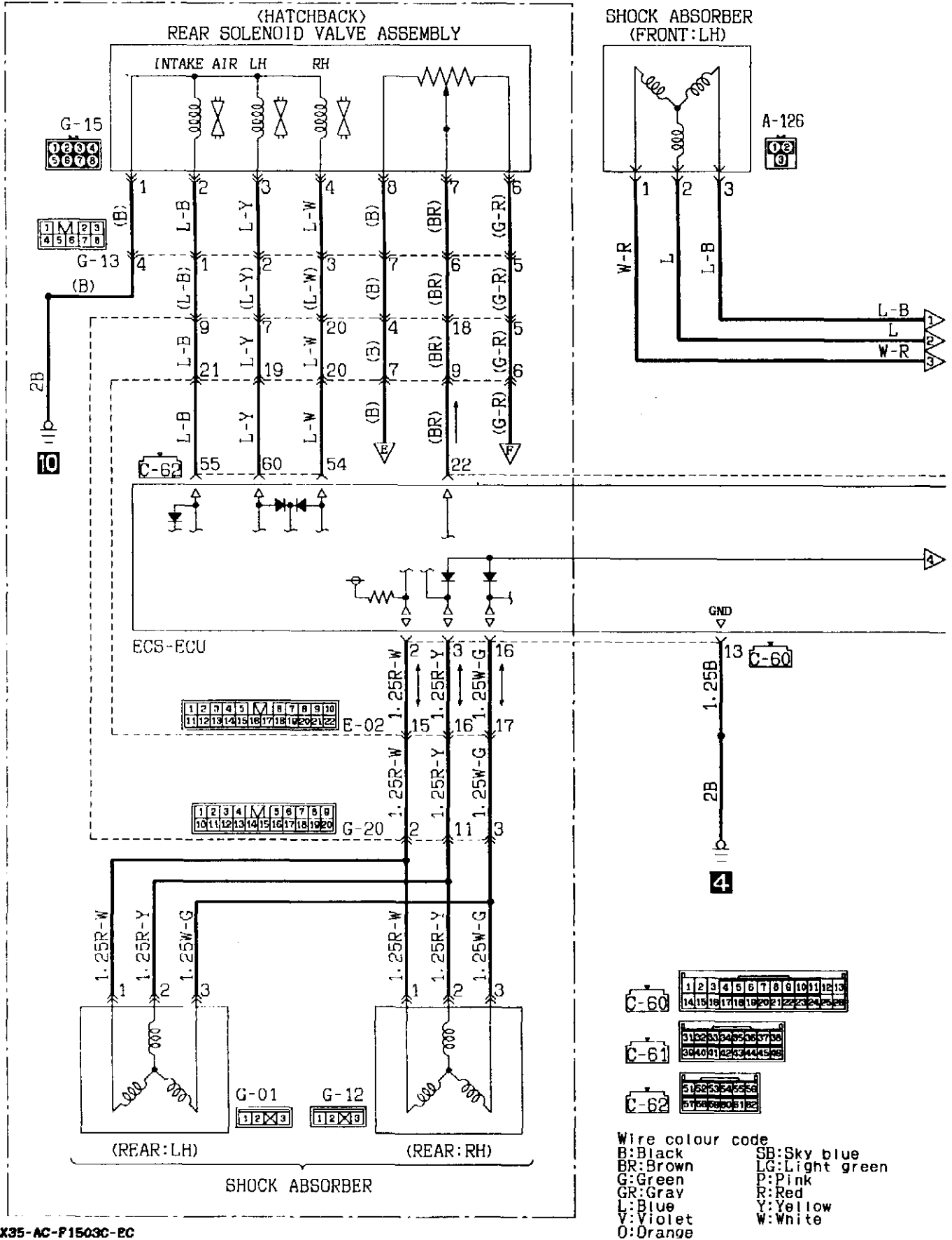
ACTFUE-ELECTRONIC CONTROL SUSPENSION  
(R. H. drive vehicles)(CONTINUED)



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow  
 BR:Brown D:Orange GR:Gray R:Red P:Pink V:Violet SB:Sky blue

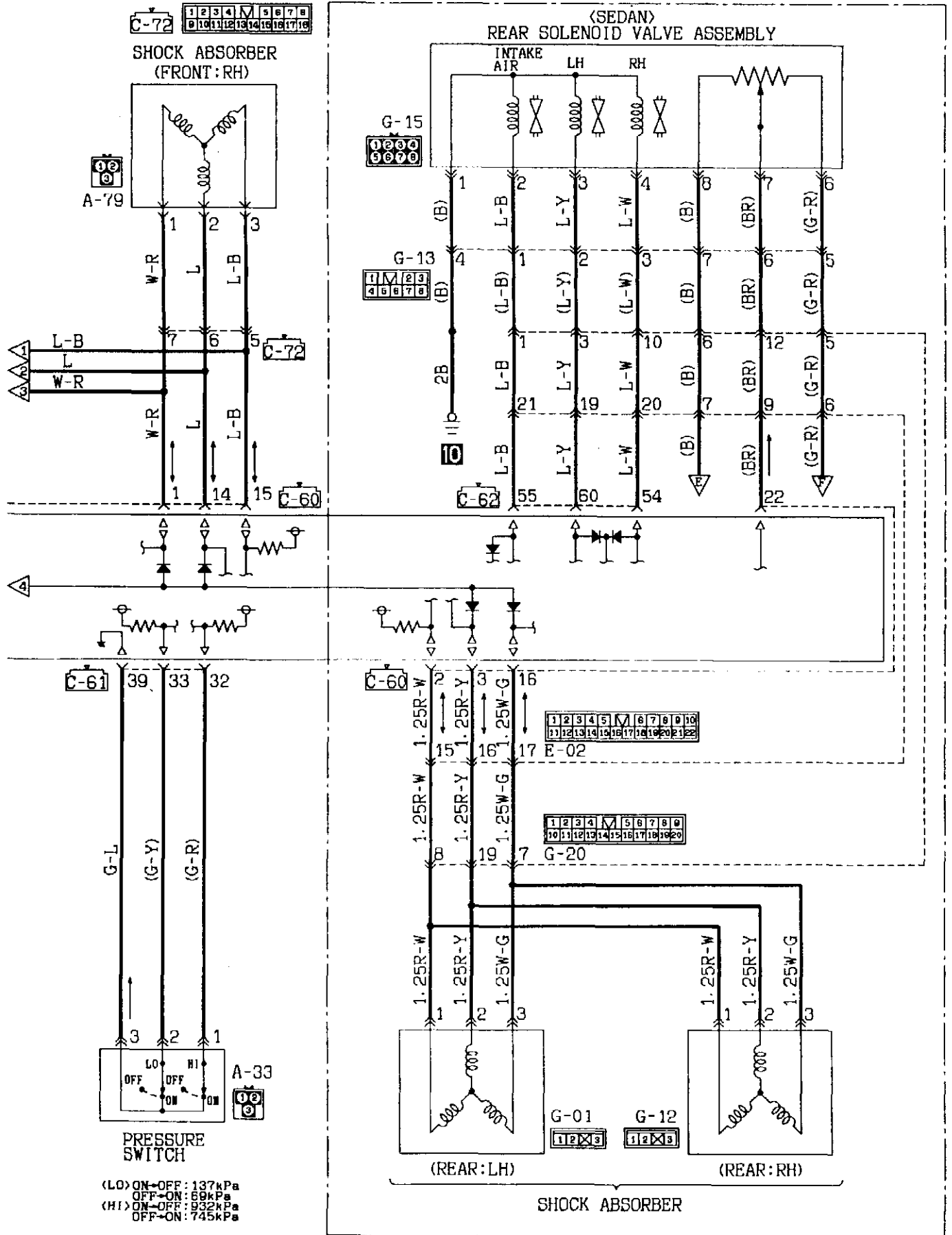


ACTIVE-ELECTRONIC CONTROL SUSPENSION  
(R.H. drive vehicles)(CONTINUED)

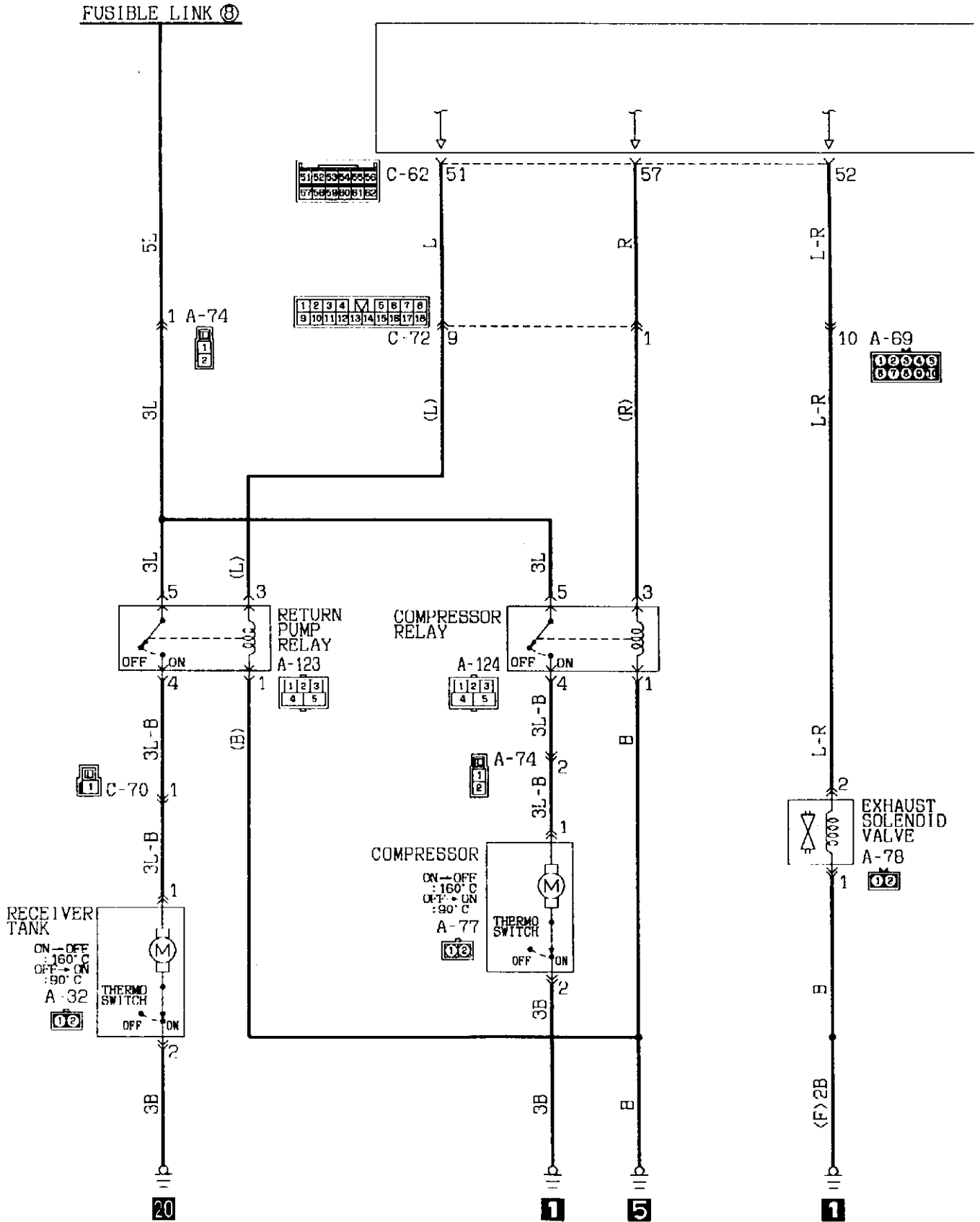


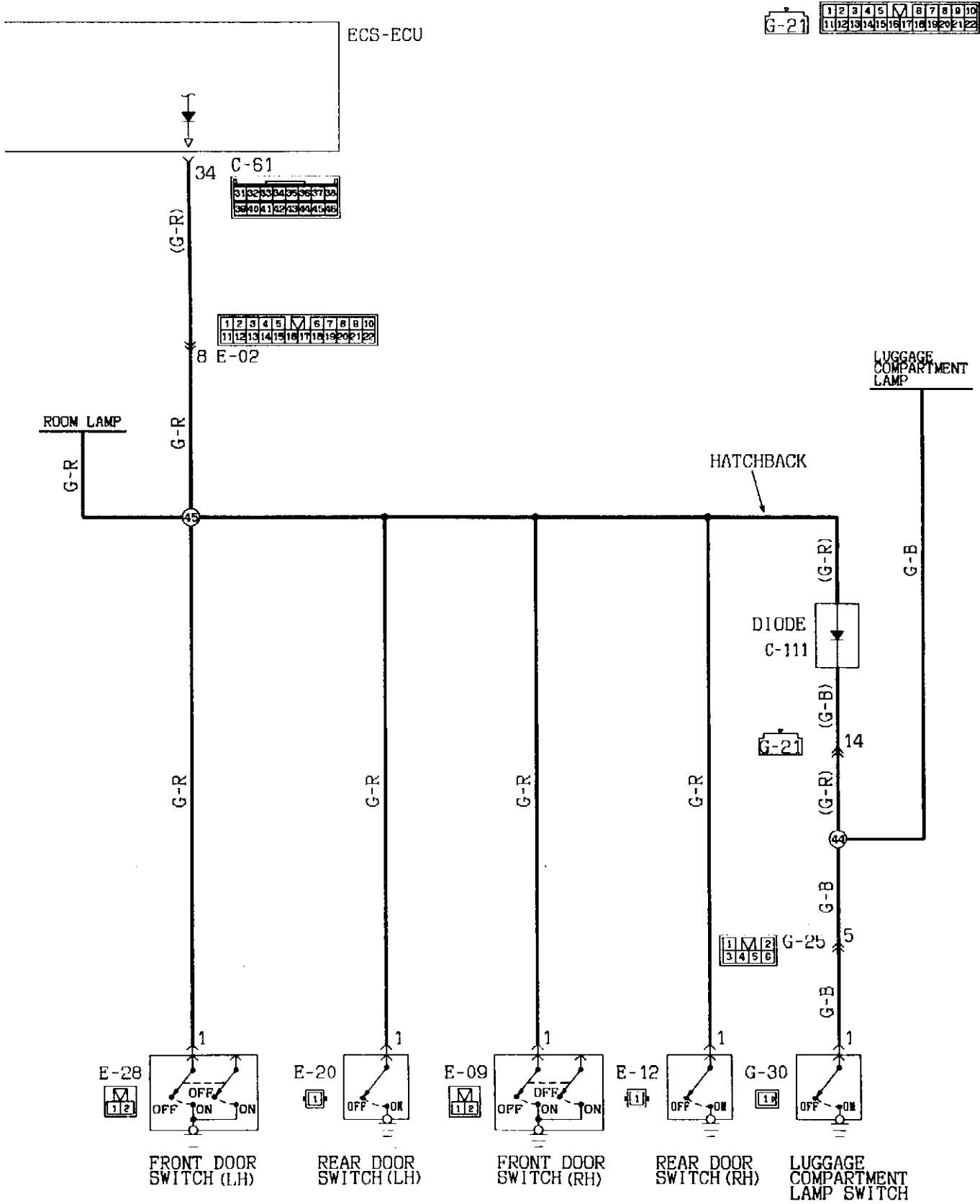
KX35-AC-F1503C-PC





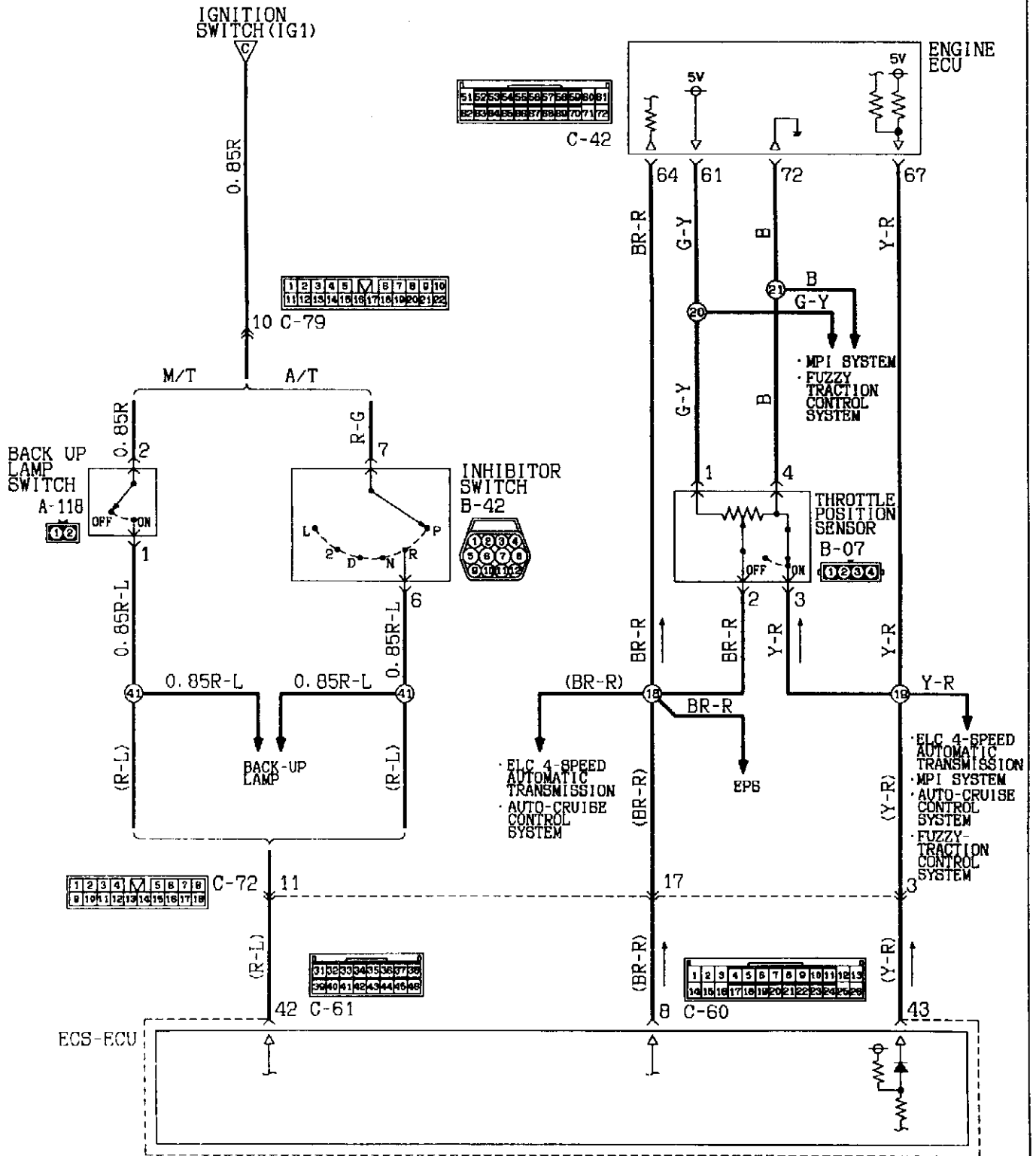
ACTIVE-ELECTRONIC CONTROL SUSPENSION  
(R.H. drive vehicles)(CONTINUED)





Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

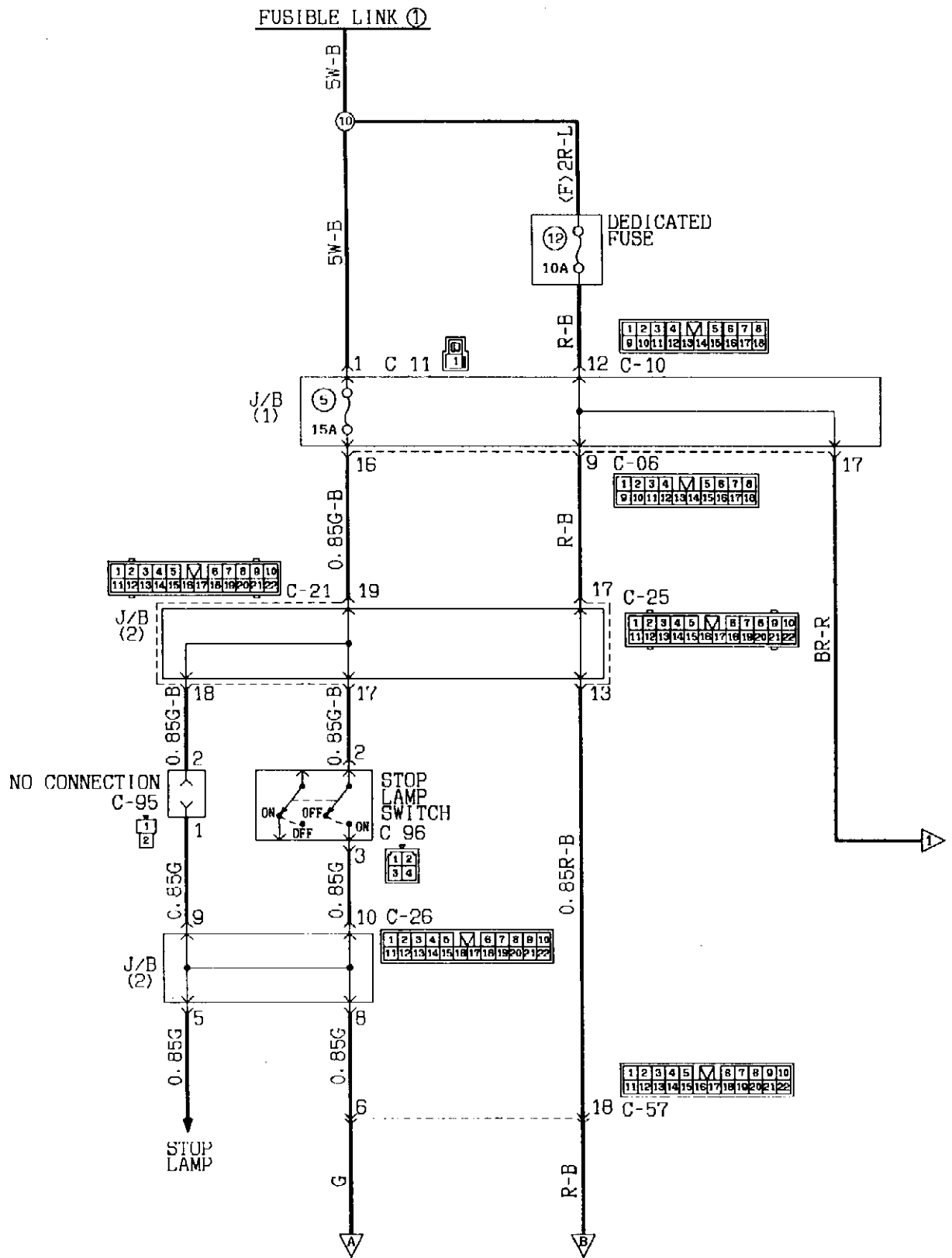
ACTIVE-ELECTRONIC CONTROL SUSPENSION  
(R. H. drive vehicles)(CONTINUED)



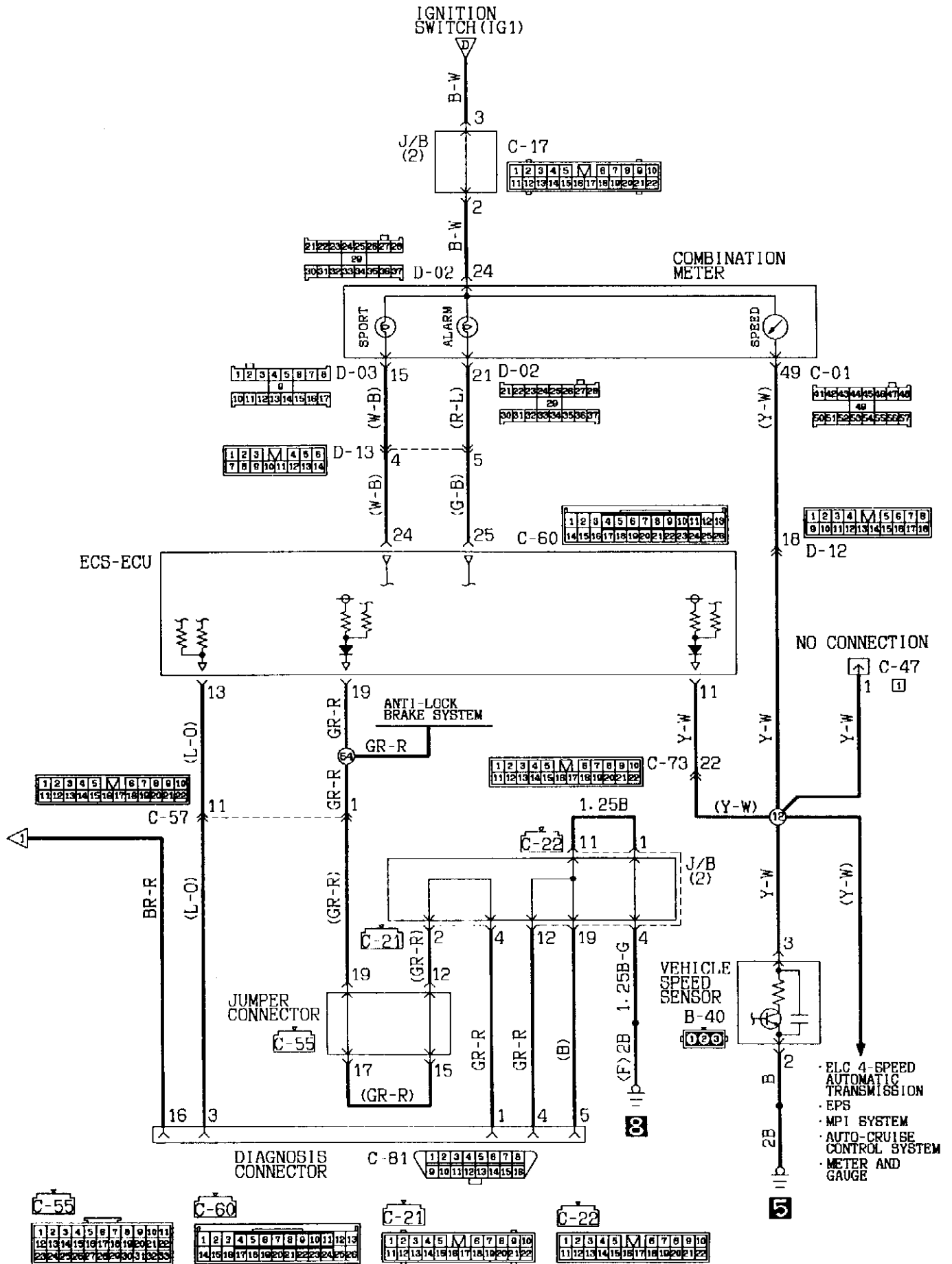
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

**NOTES**

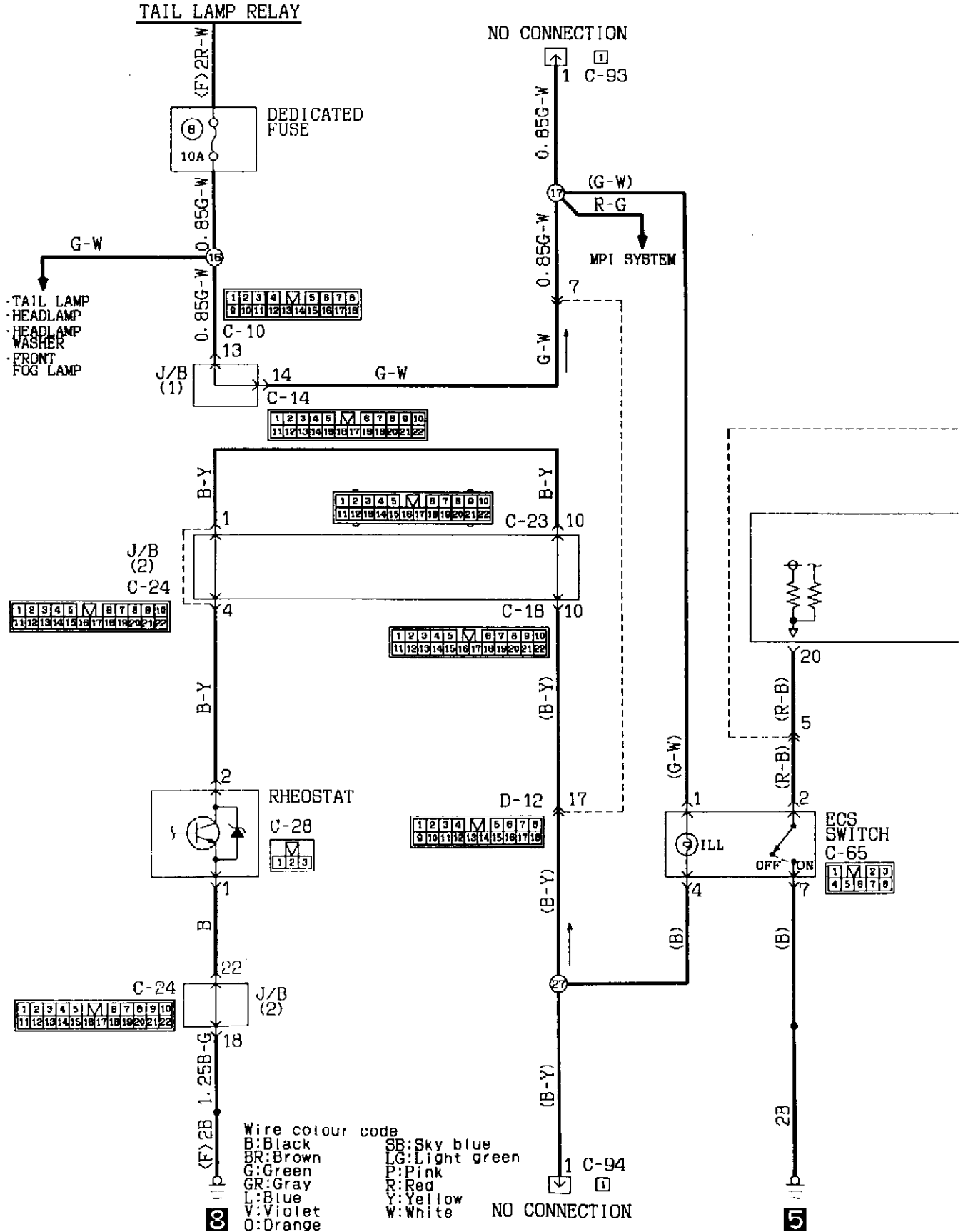
ELECTRONIC CONTROL SUSPENSION  
L.H. drive vehicles



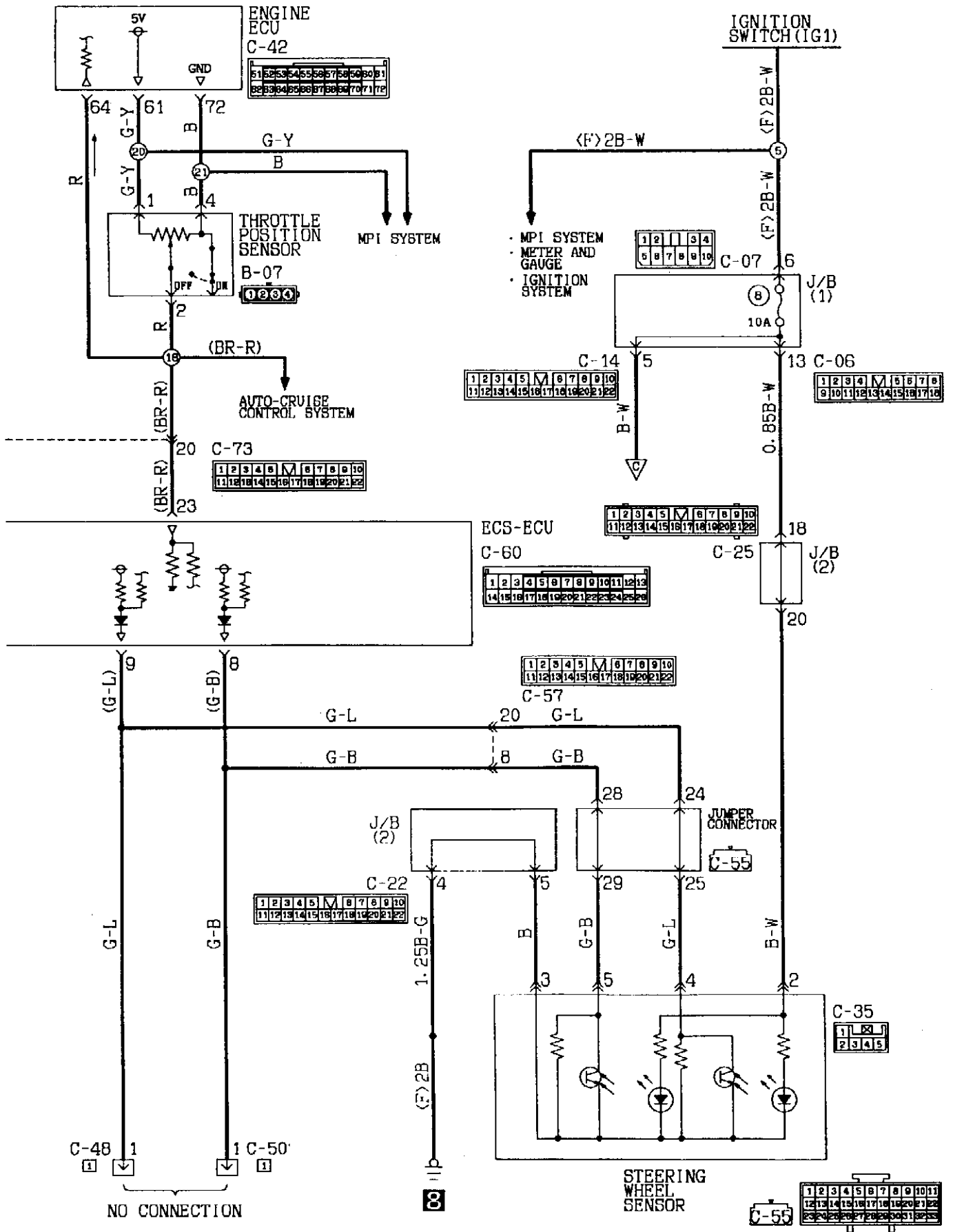
**KX35-AC-F1511-EC** Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



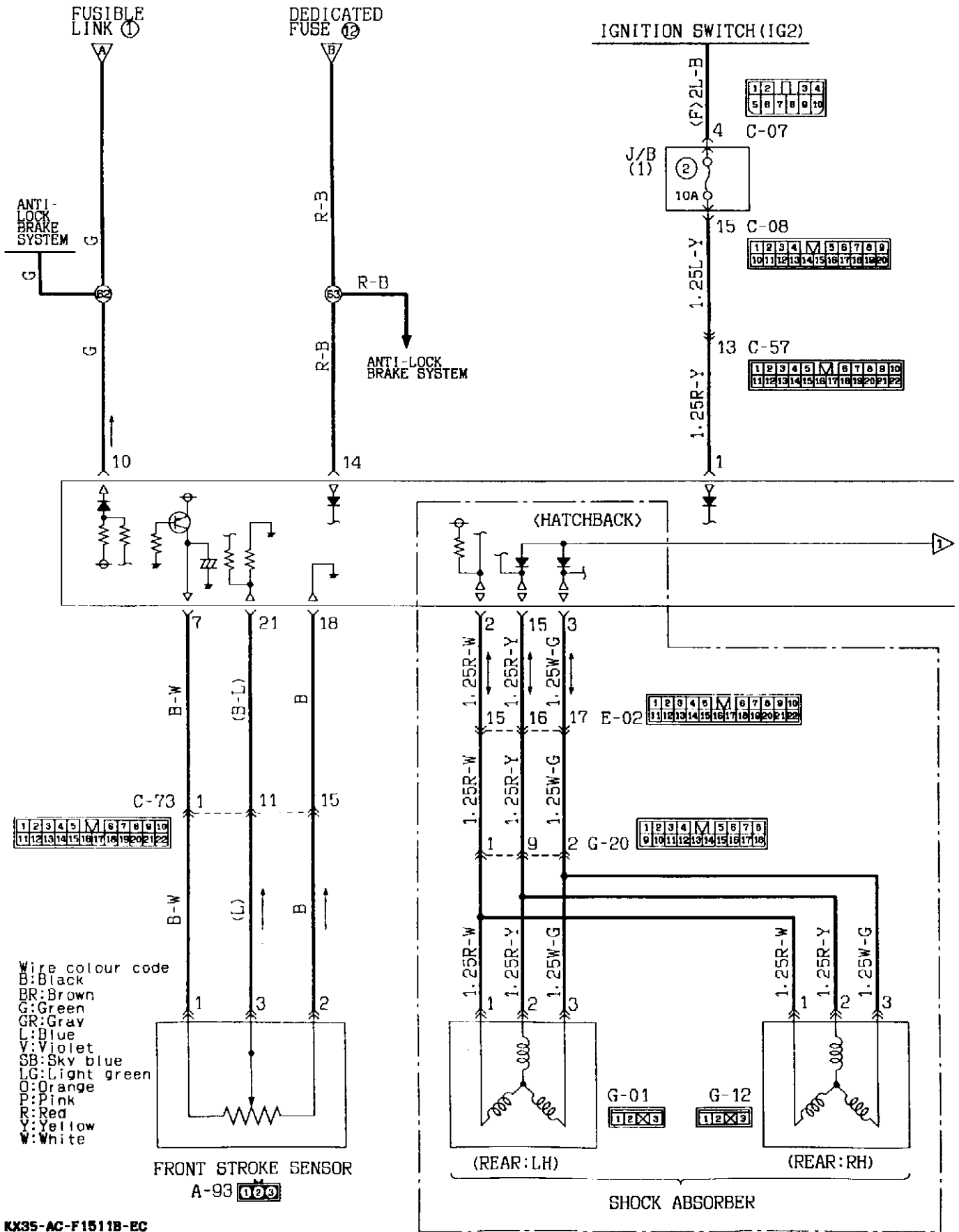
ELECTRONIC CONTROL SUSPENSION  
(L.H. drive vehicles) (CONTINUED)



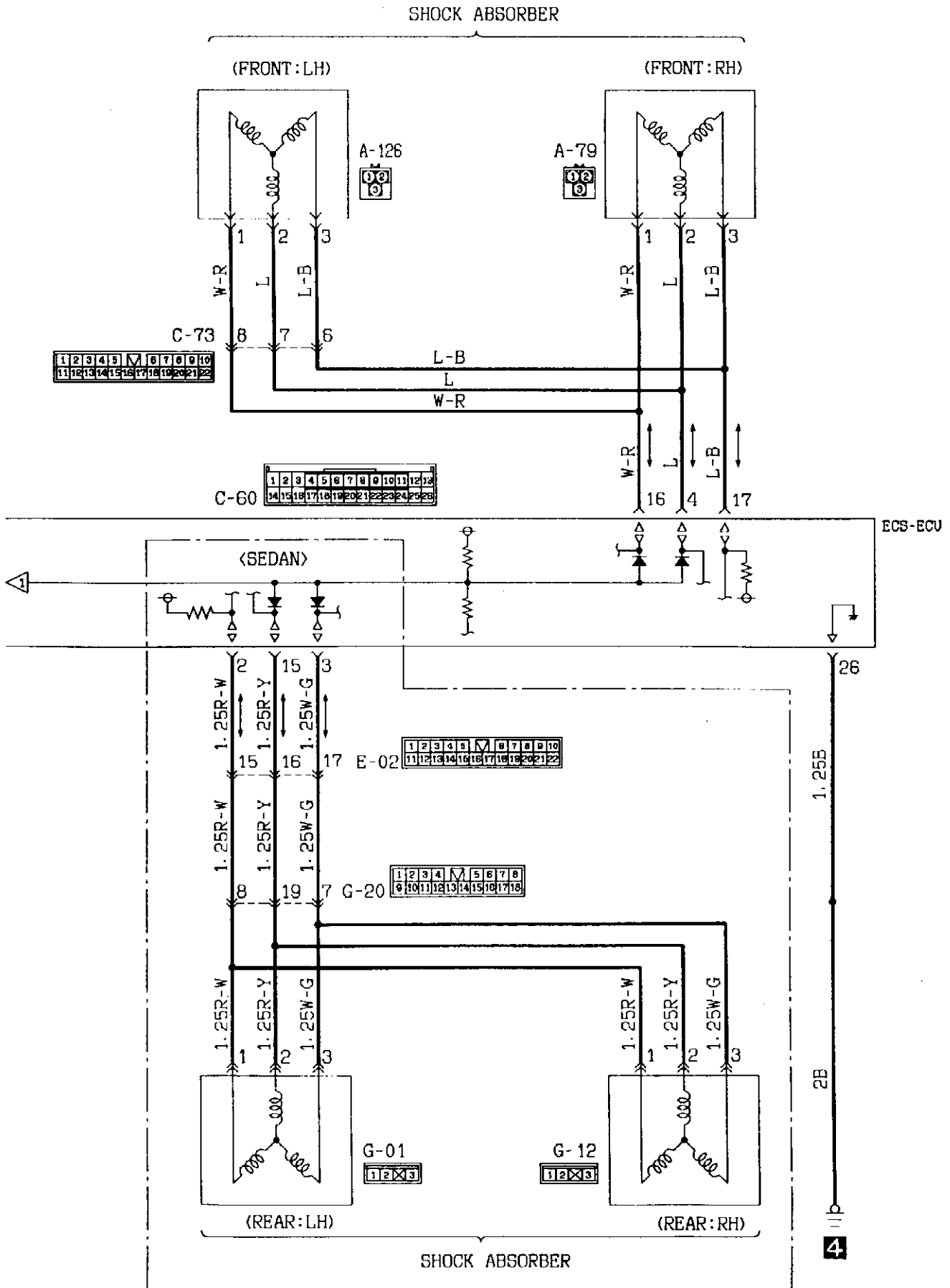




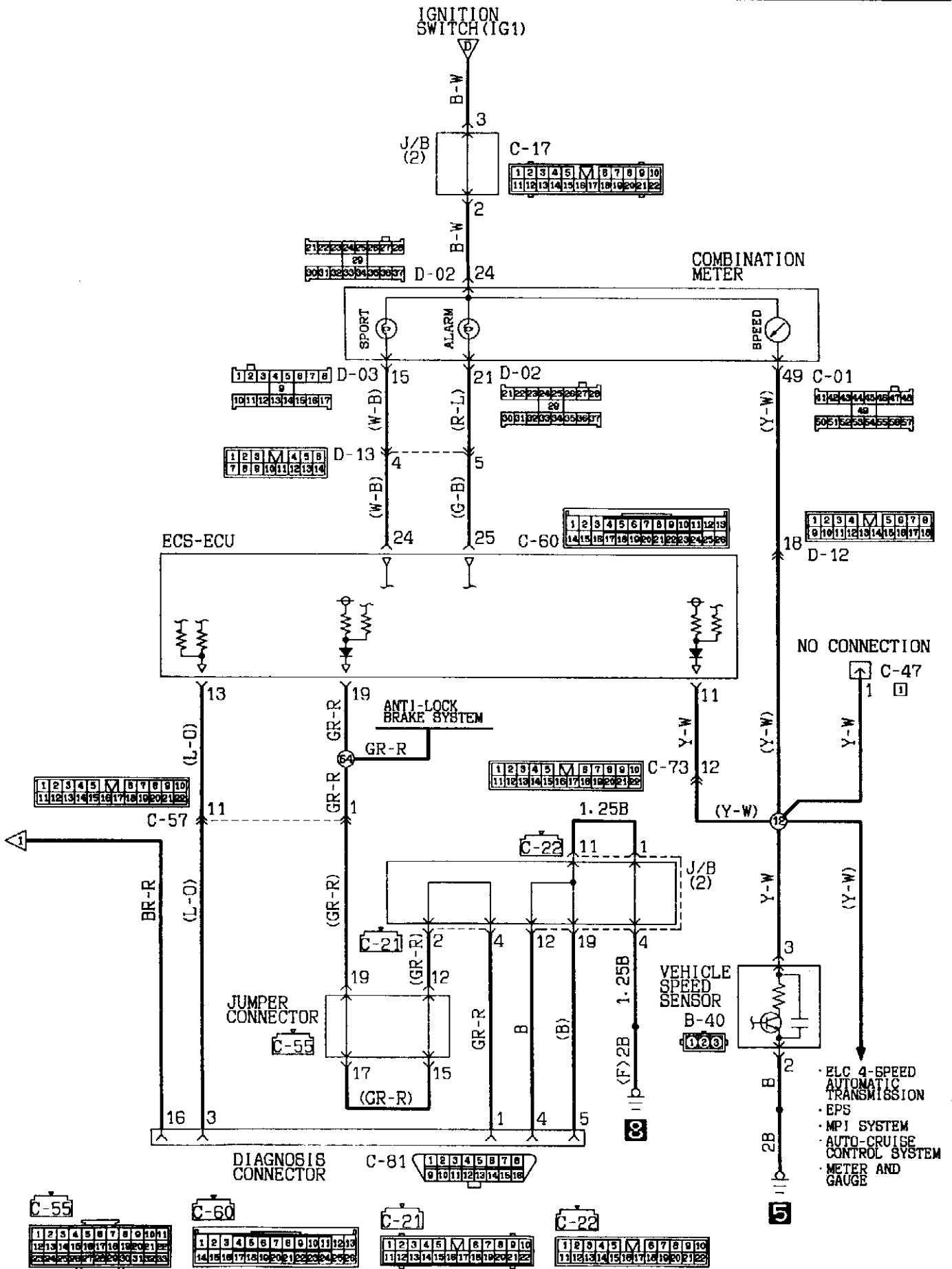
ELECTRONIC CONTROL SUSPENSION  
(L.H. drive vehicles) (CONTINUED)



KX35-AC-F1511B-EC

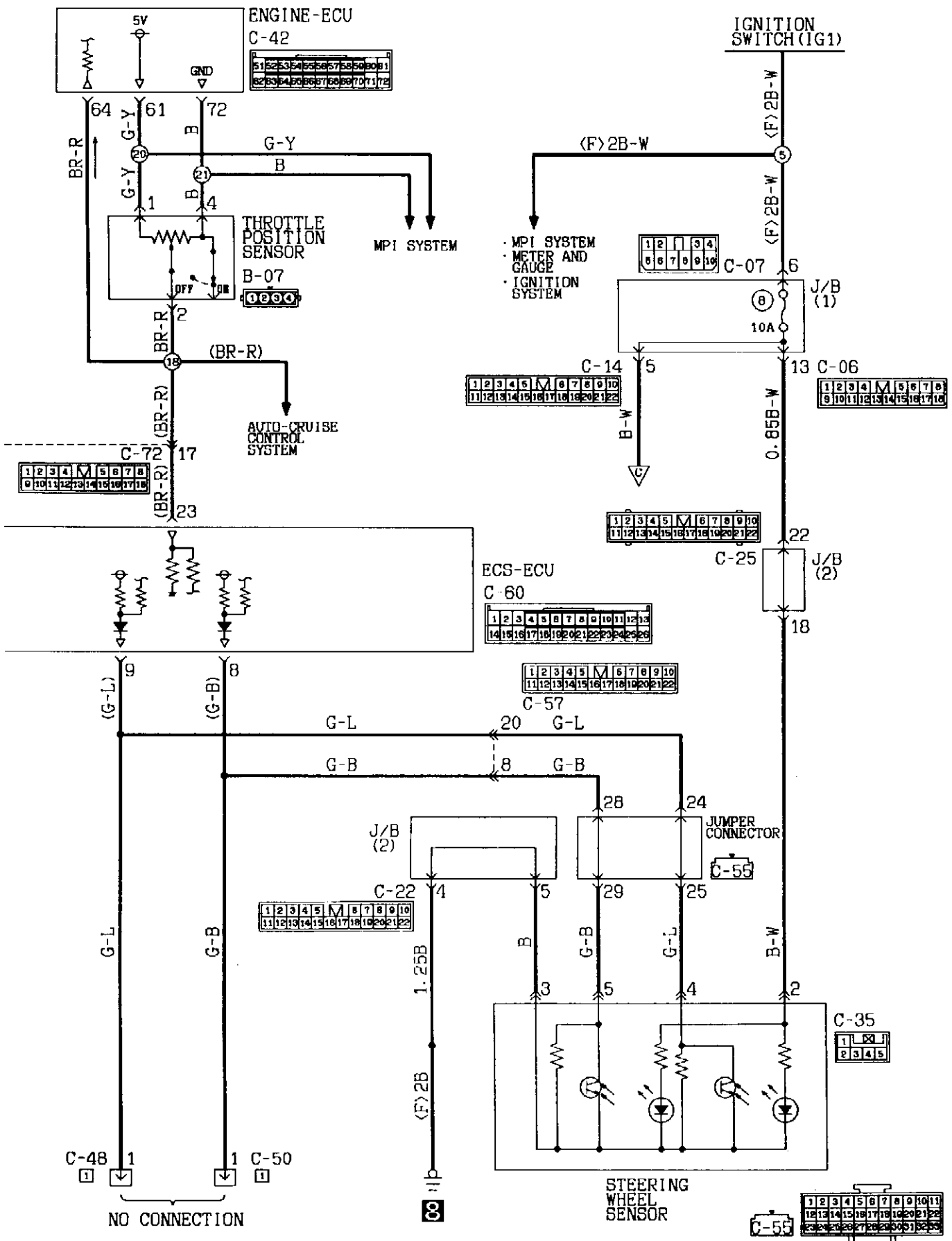






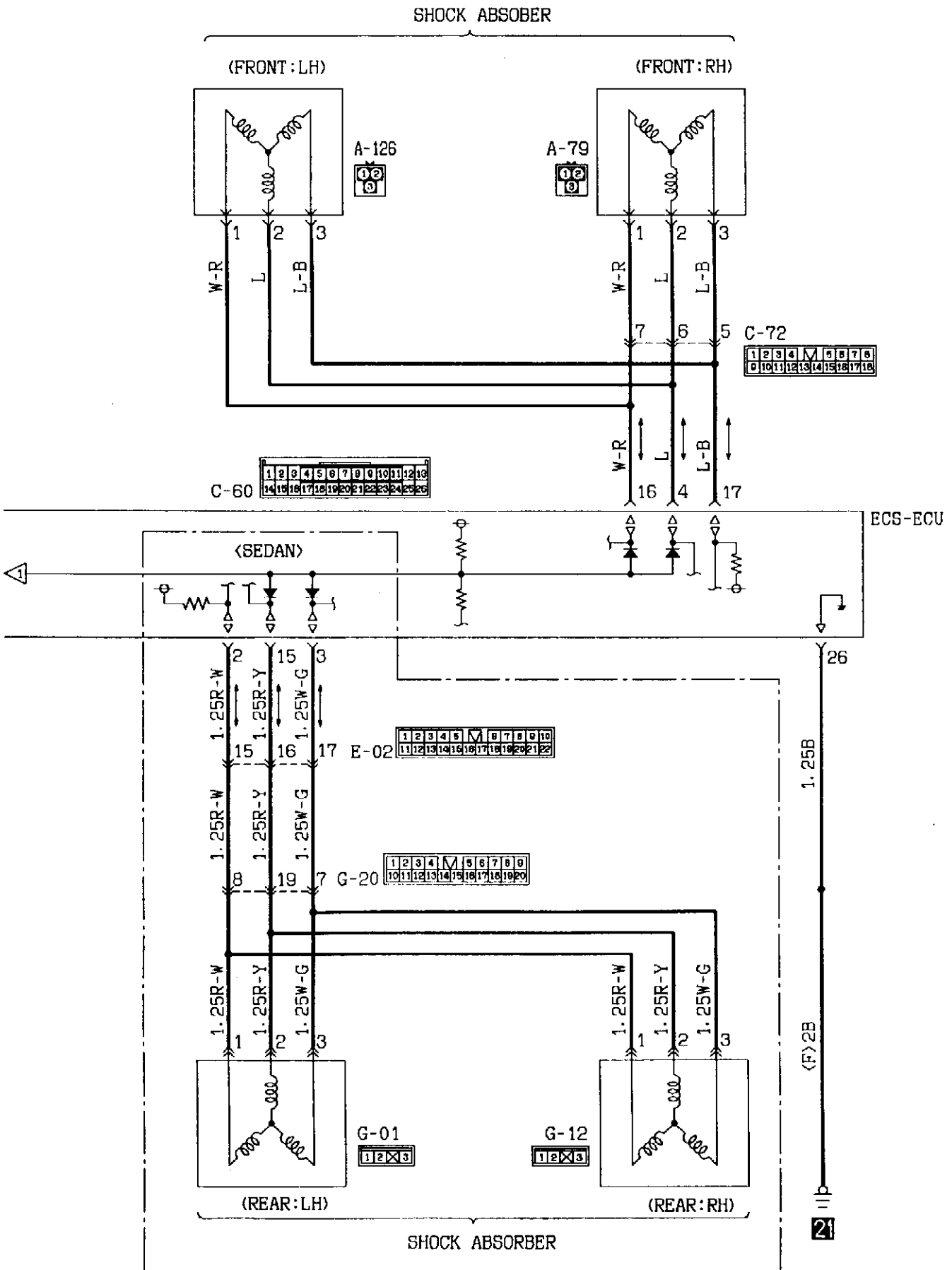
- ELC 4-SPEED AUTOMATIC TRANSMISSION
- EPS
- MPI SYSTEM
- AUTO-CRUISE CONTROL SYSTEM
- METER AND GAUGE





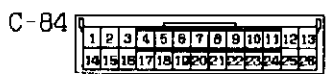
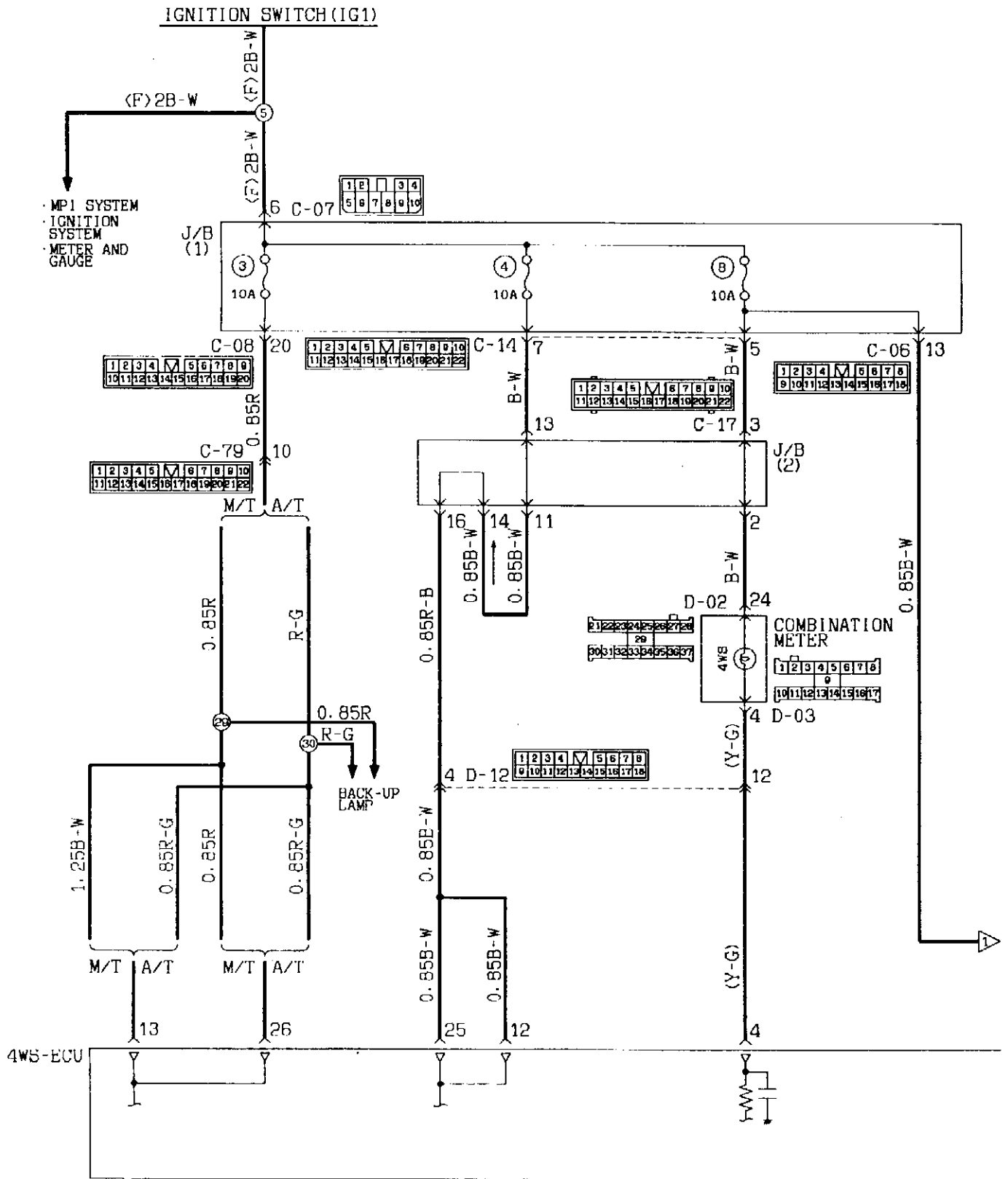






# ACTIVE-4WS CONTROL SYSTEM

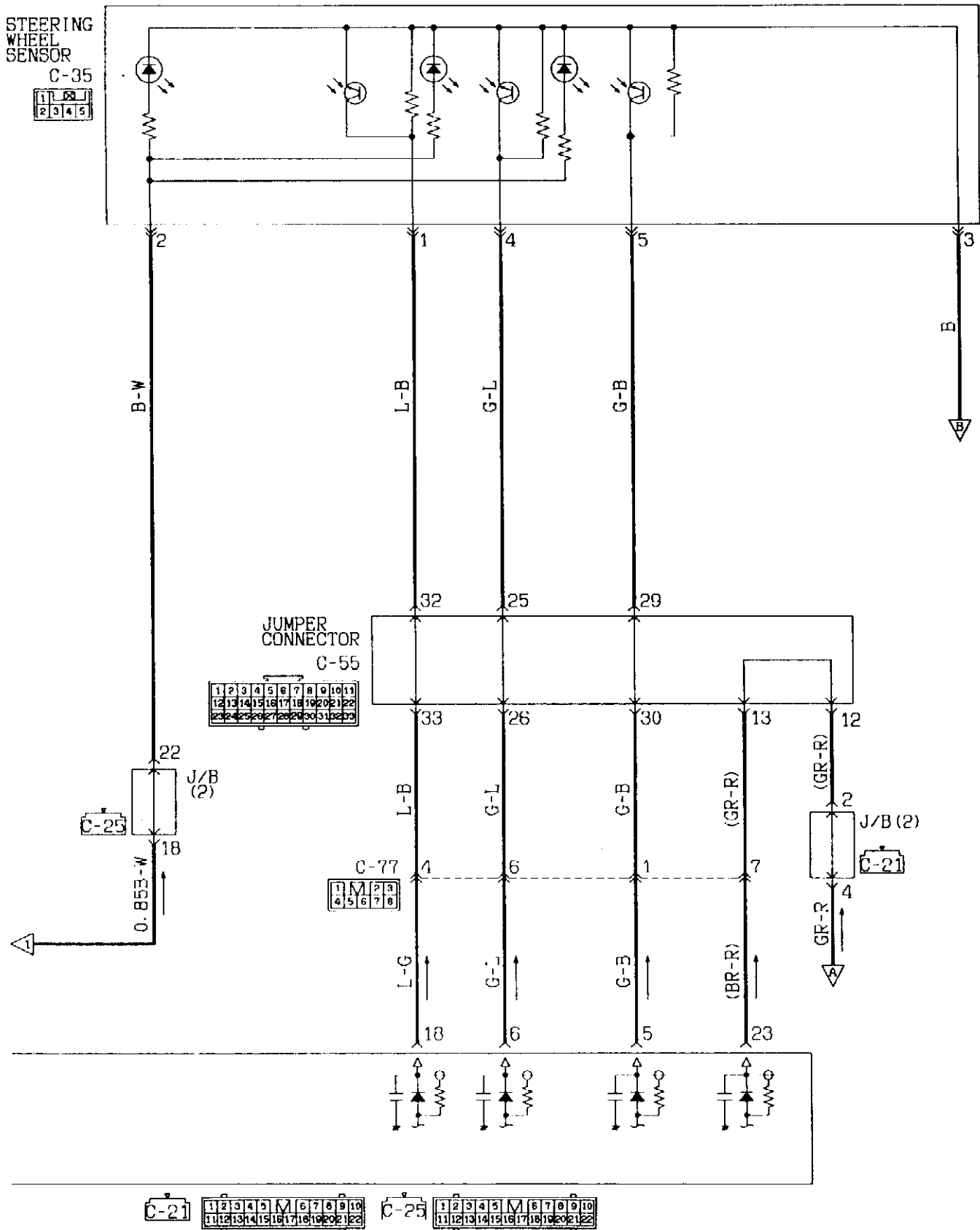
## L.H. drive vehicles



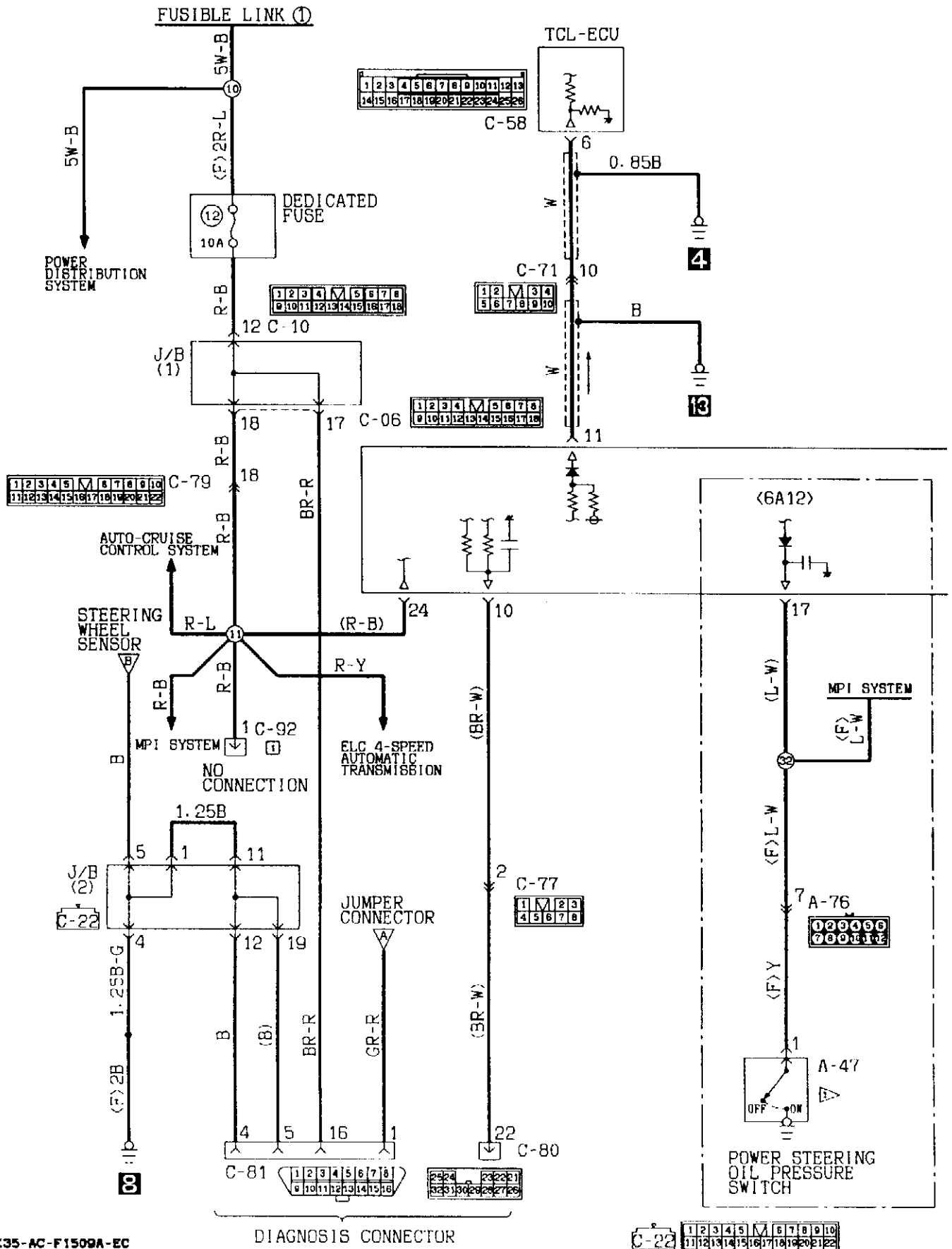
Wire colour code

|          |                |         |          |
|----------|----------------|---------|----------|
| B:Black  | LG:Light green | G:Green | L:Blue   |
| BR:Brown | O:Orange       | GR:Gray | R:Red    |
| W:White  | SB:Sky blue    | P:Pink  | Y:Yellow |
| V:Violet |                |         |          |

KX35-AC-F1509-ZC



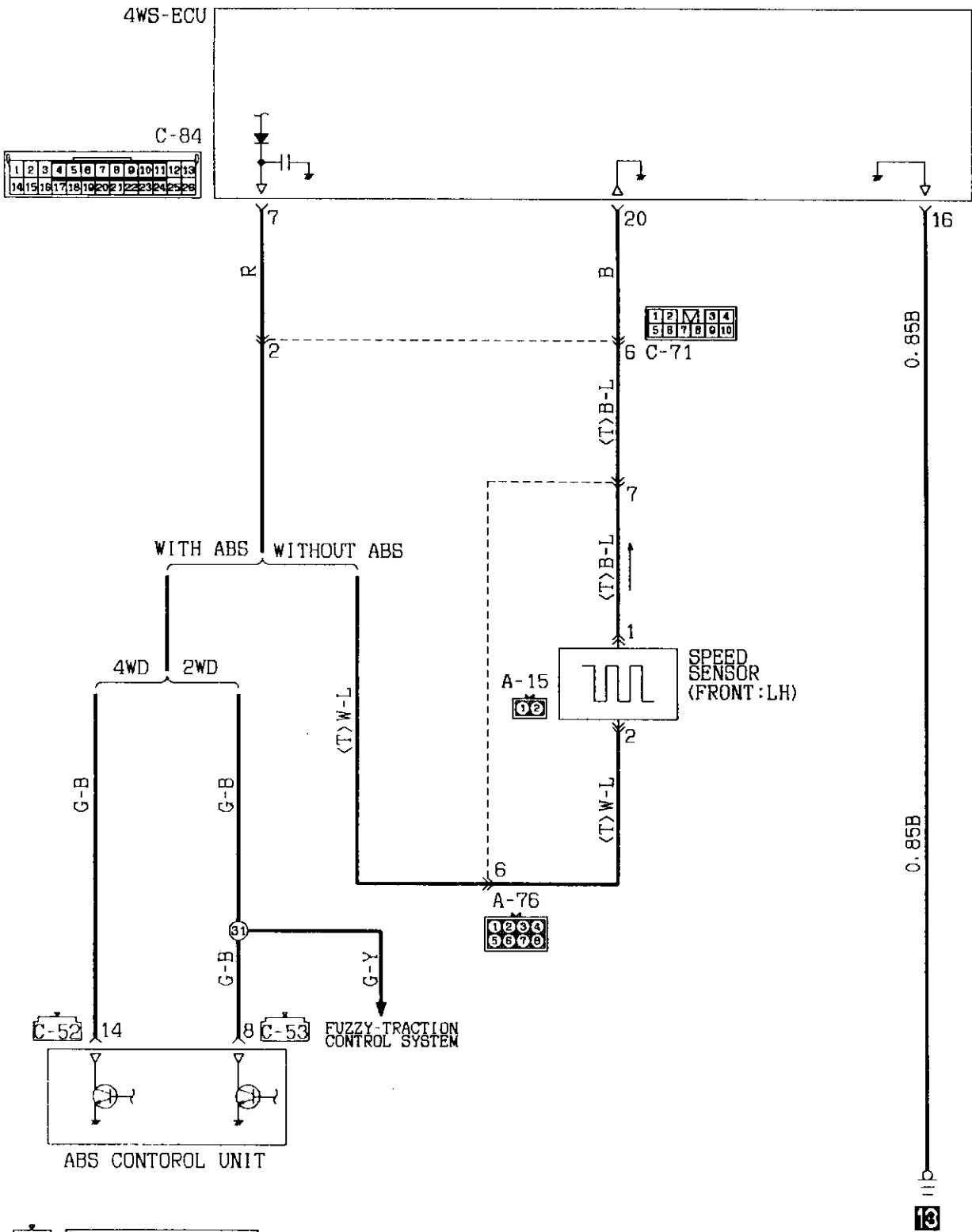
ACTIVE-4WS CONTROL SYSTEM  
(L.H. drive vehicles) (CONTINUED)



KX35-AC-F1509A-EC



ACTIVE-4WS CONTROL SYSTEM  
(L.H. drive vehicles)(CONTINUED)



|      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| C-53 | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |    |    |    |    |    |
|      | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |    |    |    |    |    |
| C-52 | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|      | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |    |

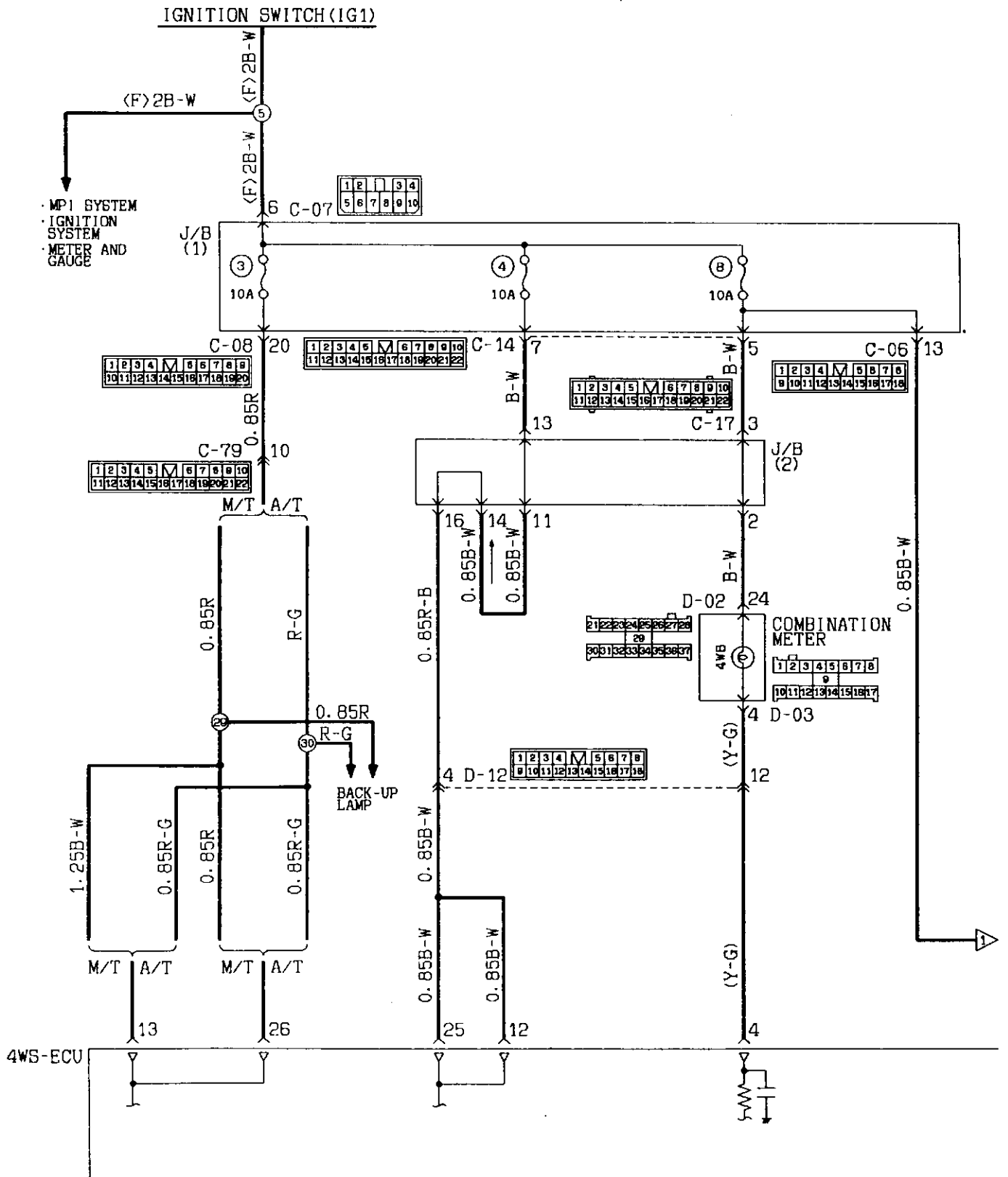
Wire colour code  
 B:Black      LG:Light green      G:Green      L:Blue  
 BR:Brown    O:Orange              GR:Gray      R:Red  
 W:White      SB:Sky blue          P:Pink        Y:Yellow  
 V:Violet

KX35-AC-F1509B-EC

**NOTES**

# ACTIVE-4WS CONTROL SYSTEM

## R.H. drive vehicles



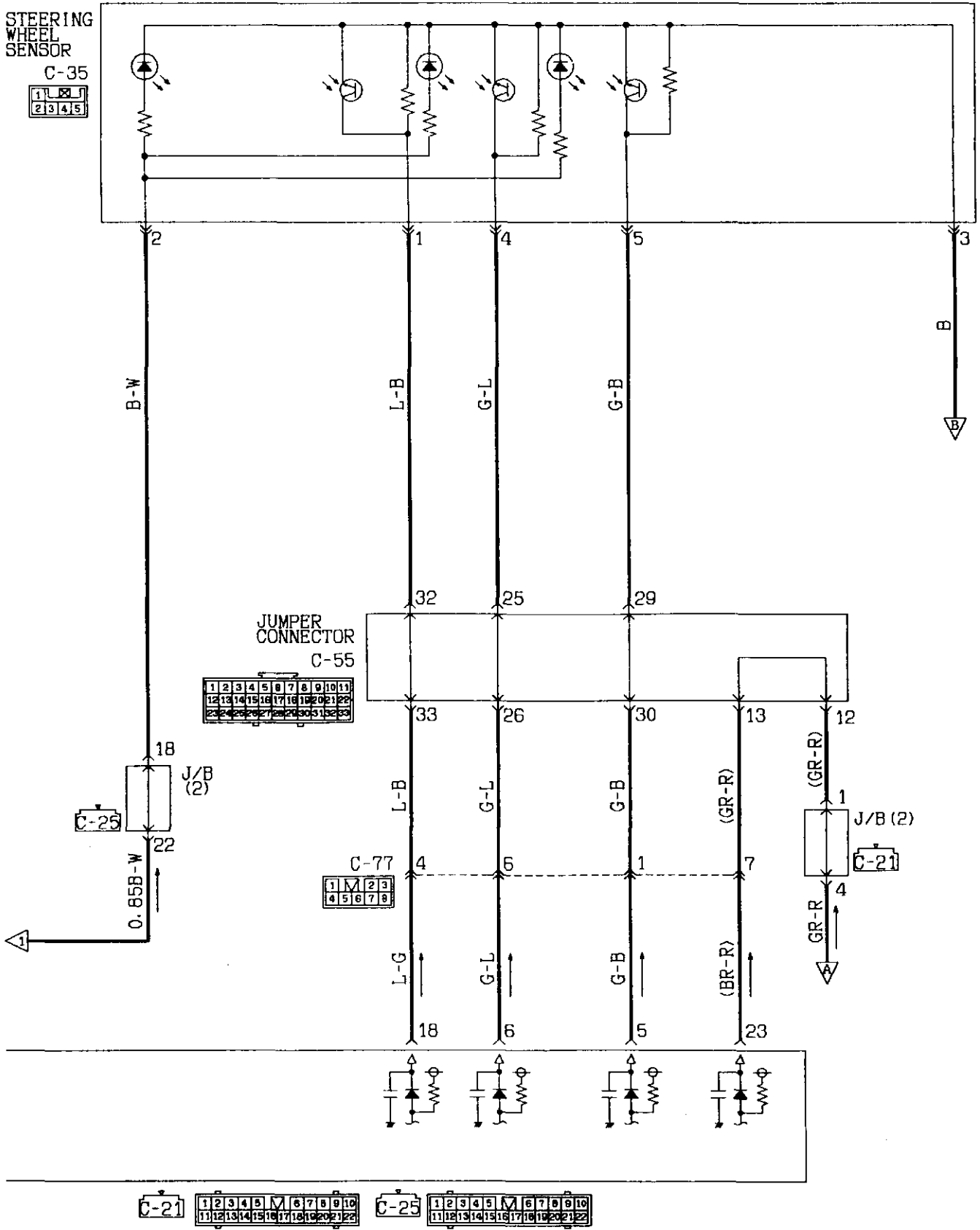
C-84

|    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

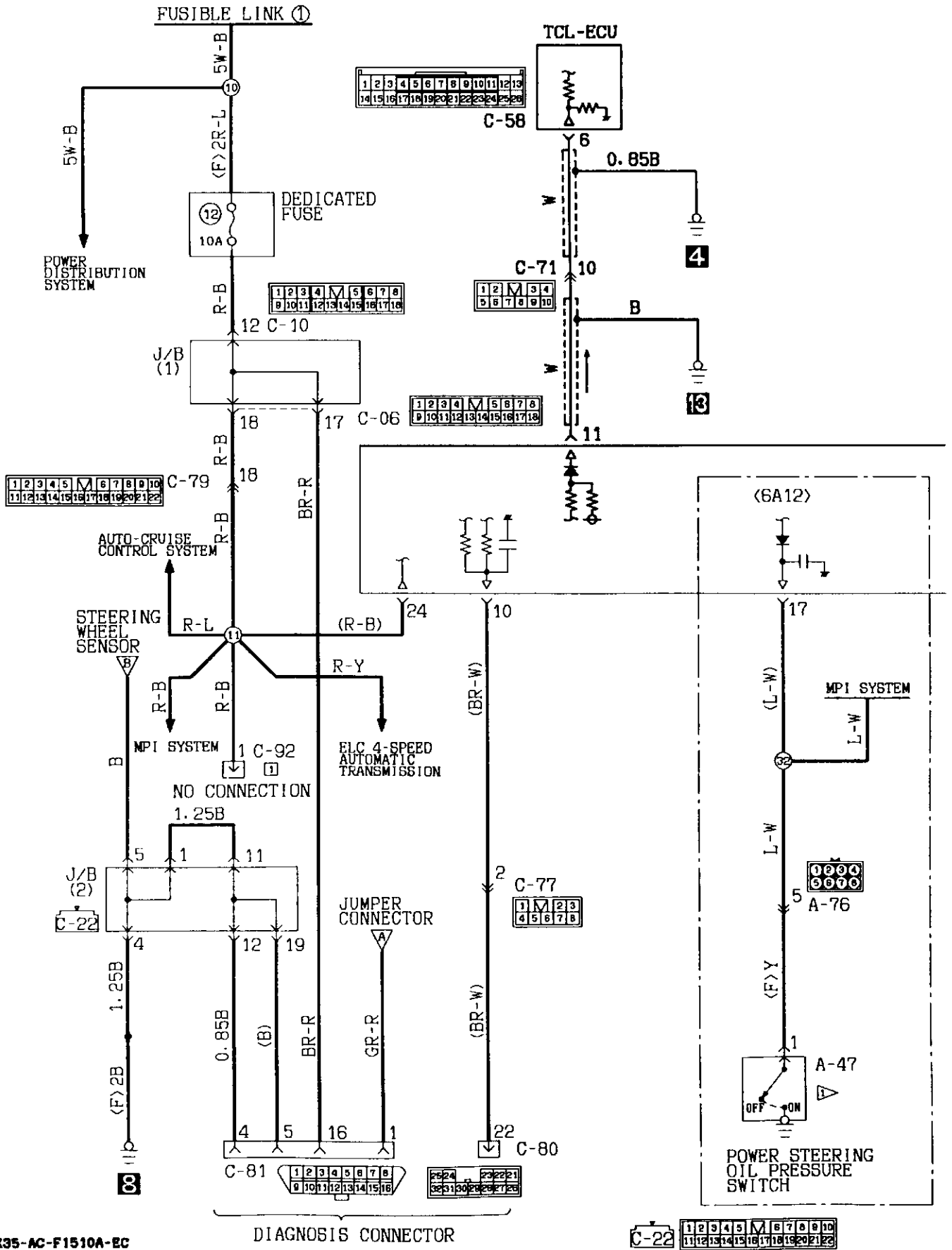
Wire colour code  
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 W:White SB:Sky blue P:Pink Y:Yellow  
 V:Violet

KX35-AC-F1510-EC





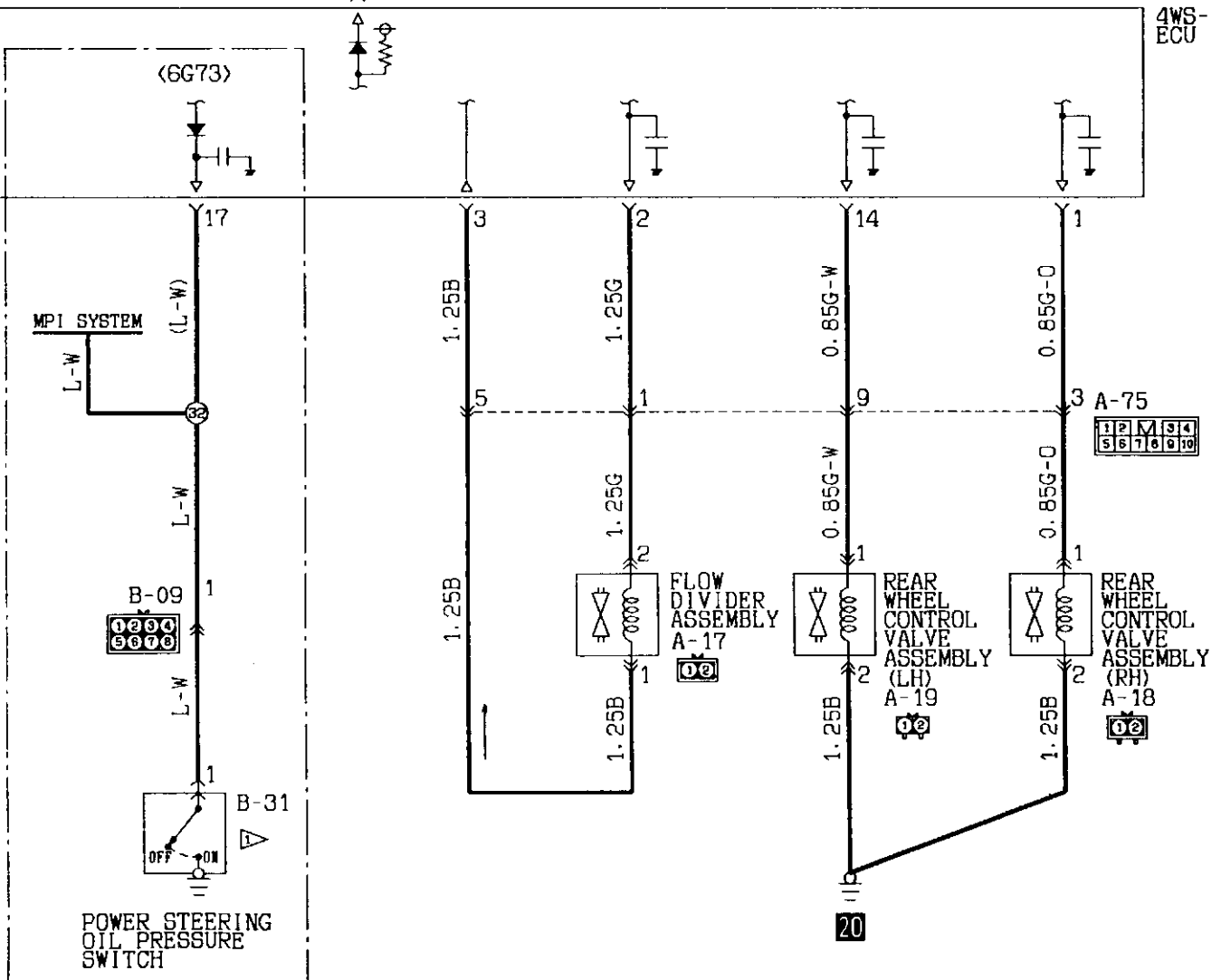
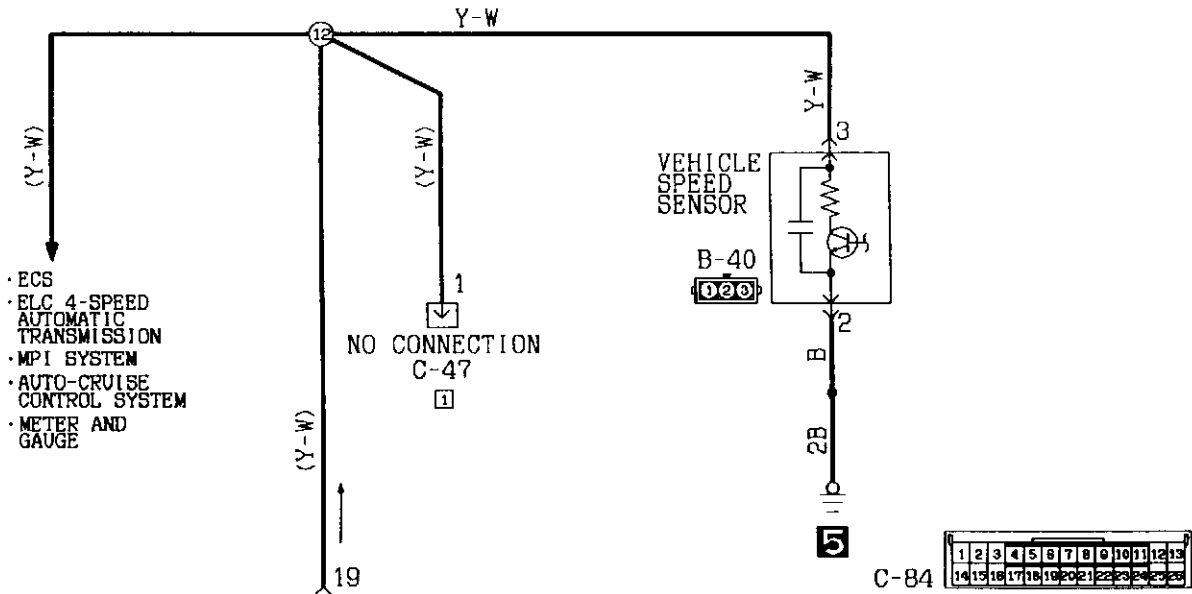
ACTIVE-4WS CONTROL SYSTEM  
(R. H. drive vehicles)(CONTINUED)



KX35-AC-F1510A-EC

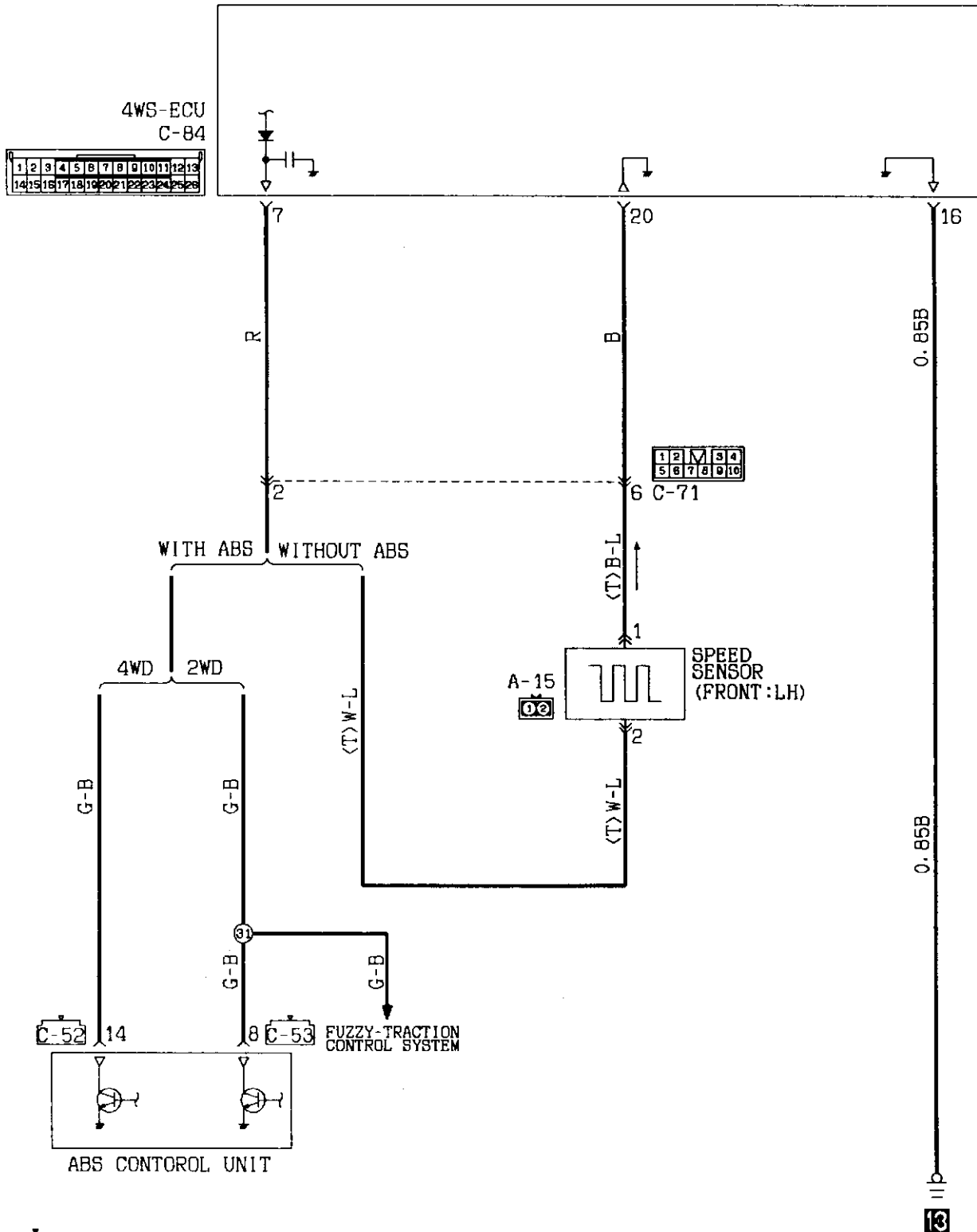
DIAGNOSIS CONNECTOR

C-22 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet SB:Sky blue

ACTIVE-4WS CONTROL SYSTEM  
(R. H. drive vehicles) (CONTINUED)



Wire colour code

|          |                |         |          |
|----------|----------------|---------|----------|
| B:Black  | LG:Light green | G:Green | L:Blue   |
| BR:Brown | O:Orange       | GR:Gray | R:Red    |
| W:White  | SB:Sky blue    | P:Pink  | Y:Yellow |
| V:Violet |                |         |          |

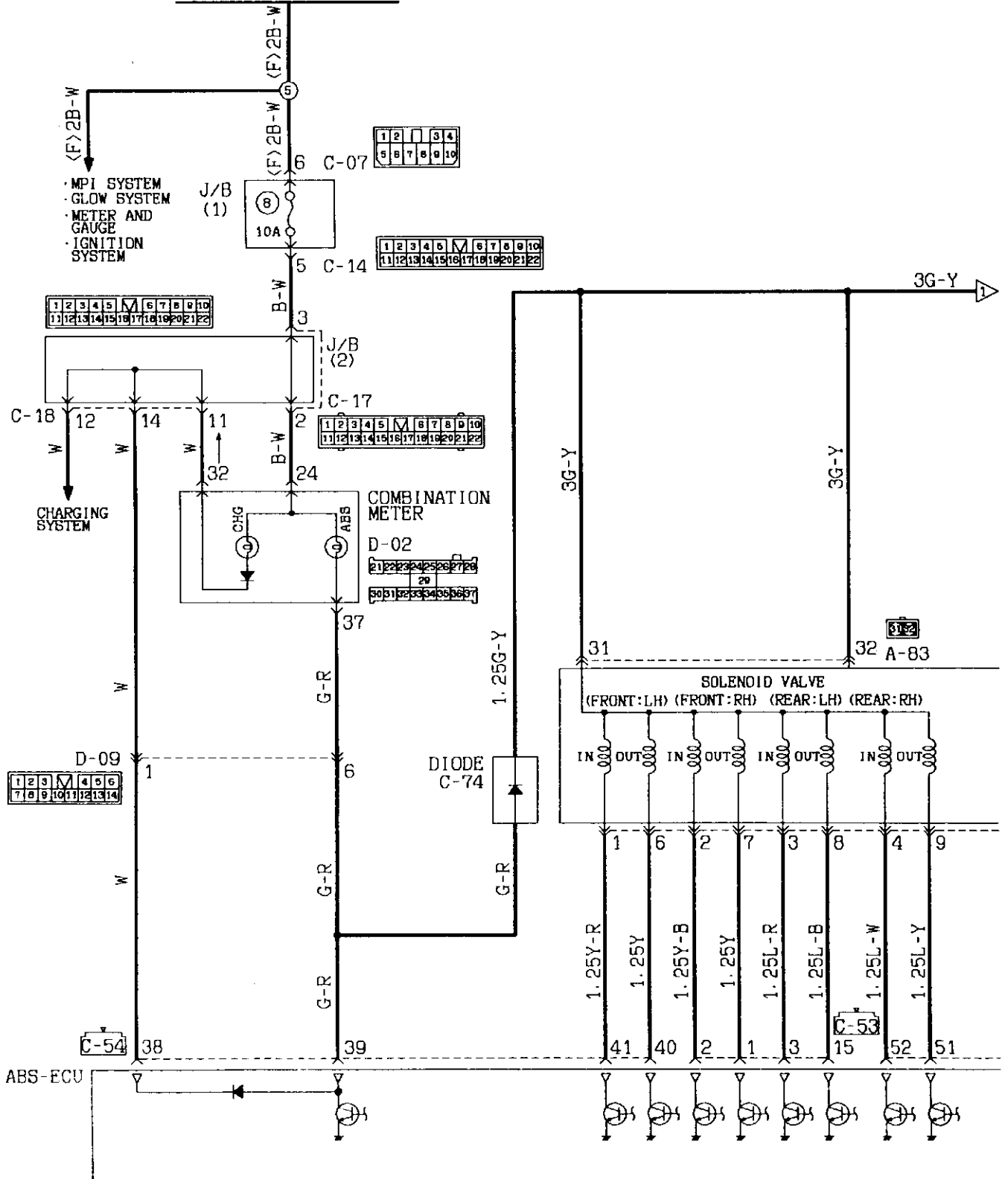
KX35-AC-F1510B-EC

NOTES

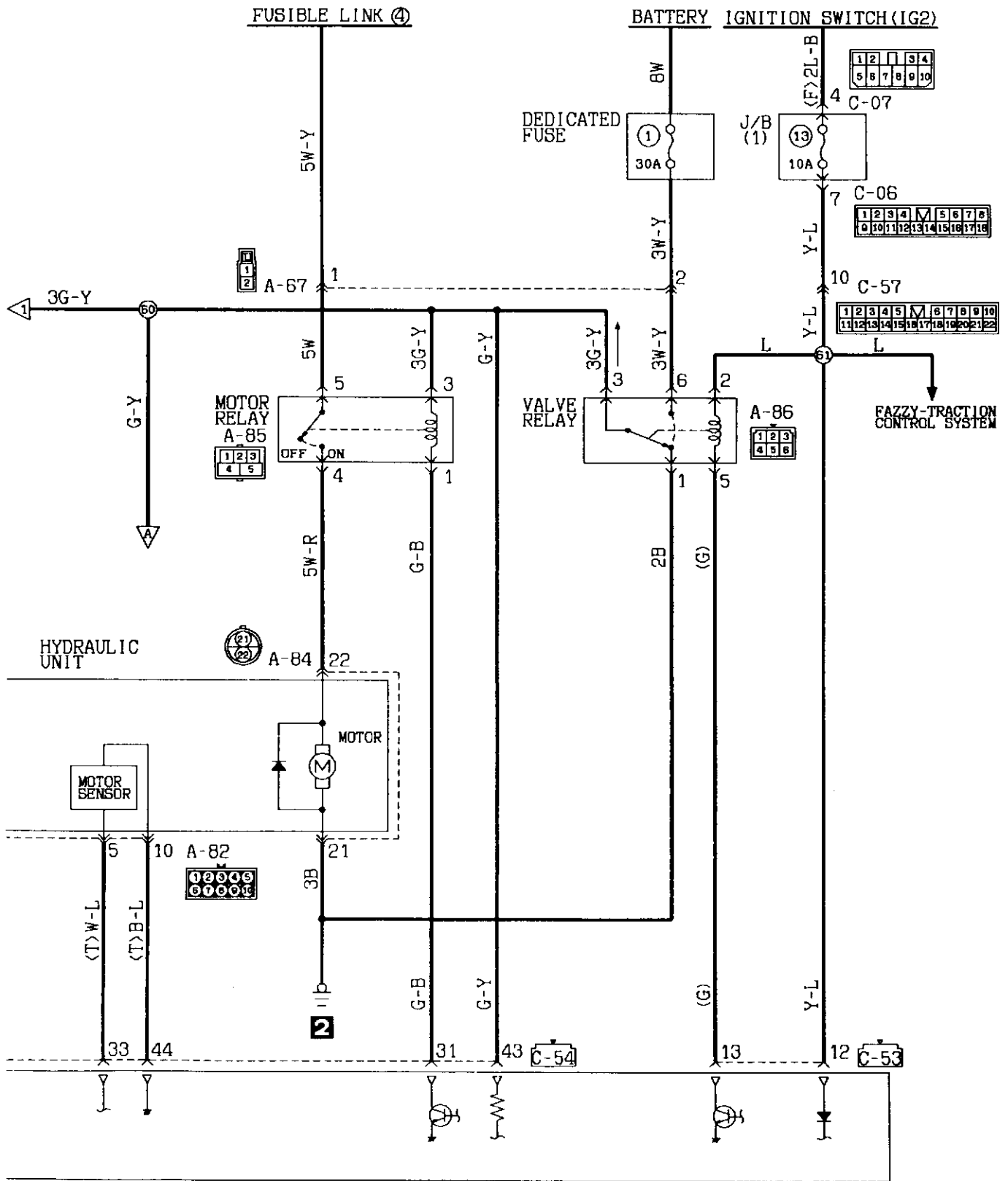
# ANTI-SKID BRAKE SYSTEM

2WD<L. H. drive vehicles>

IGNITION SWITCH (IG1)

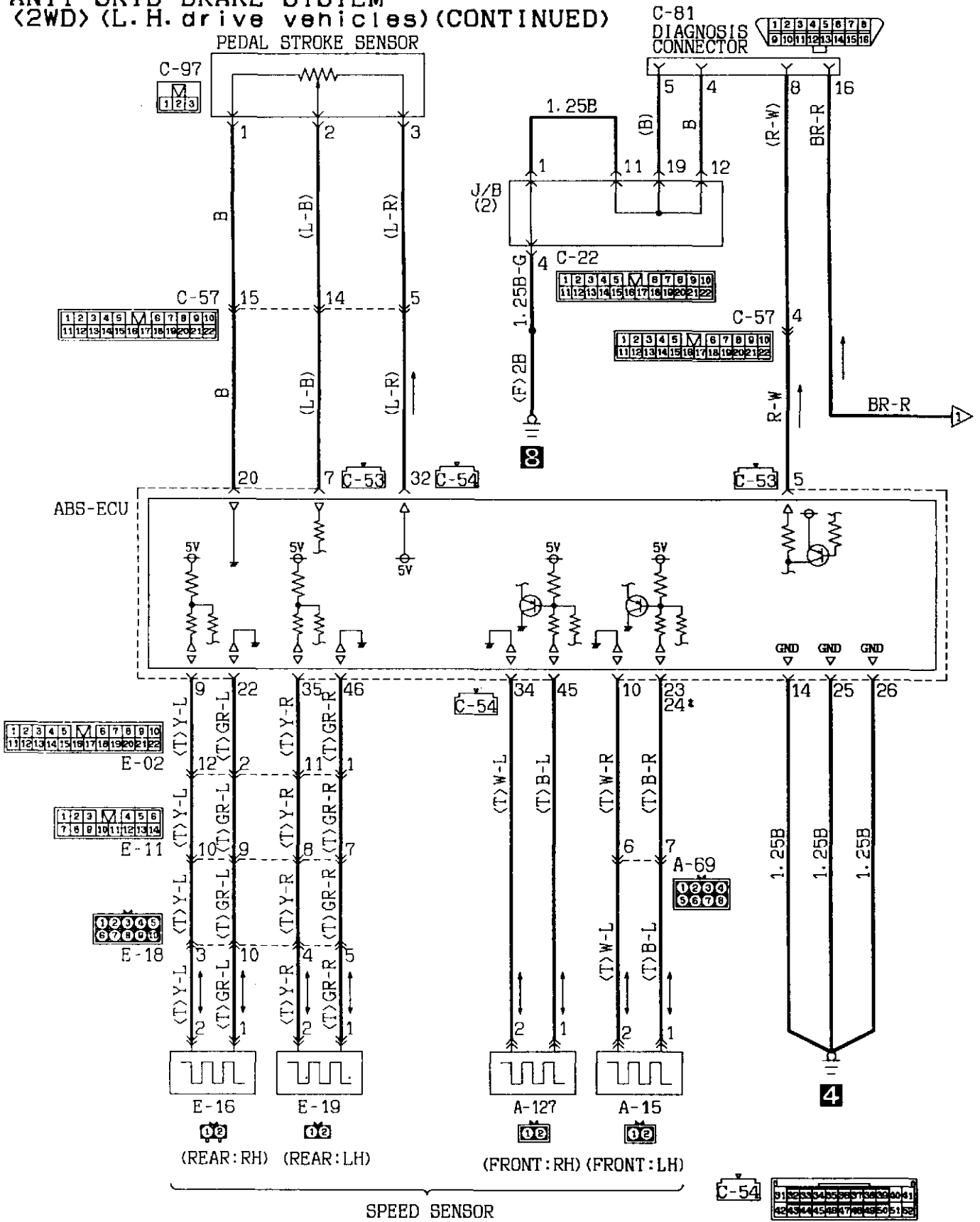


KX35-AC-F1517-EC



Wire colour code  
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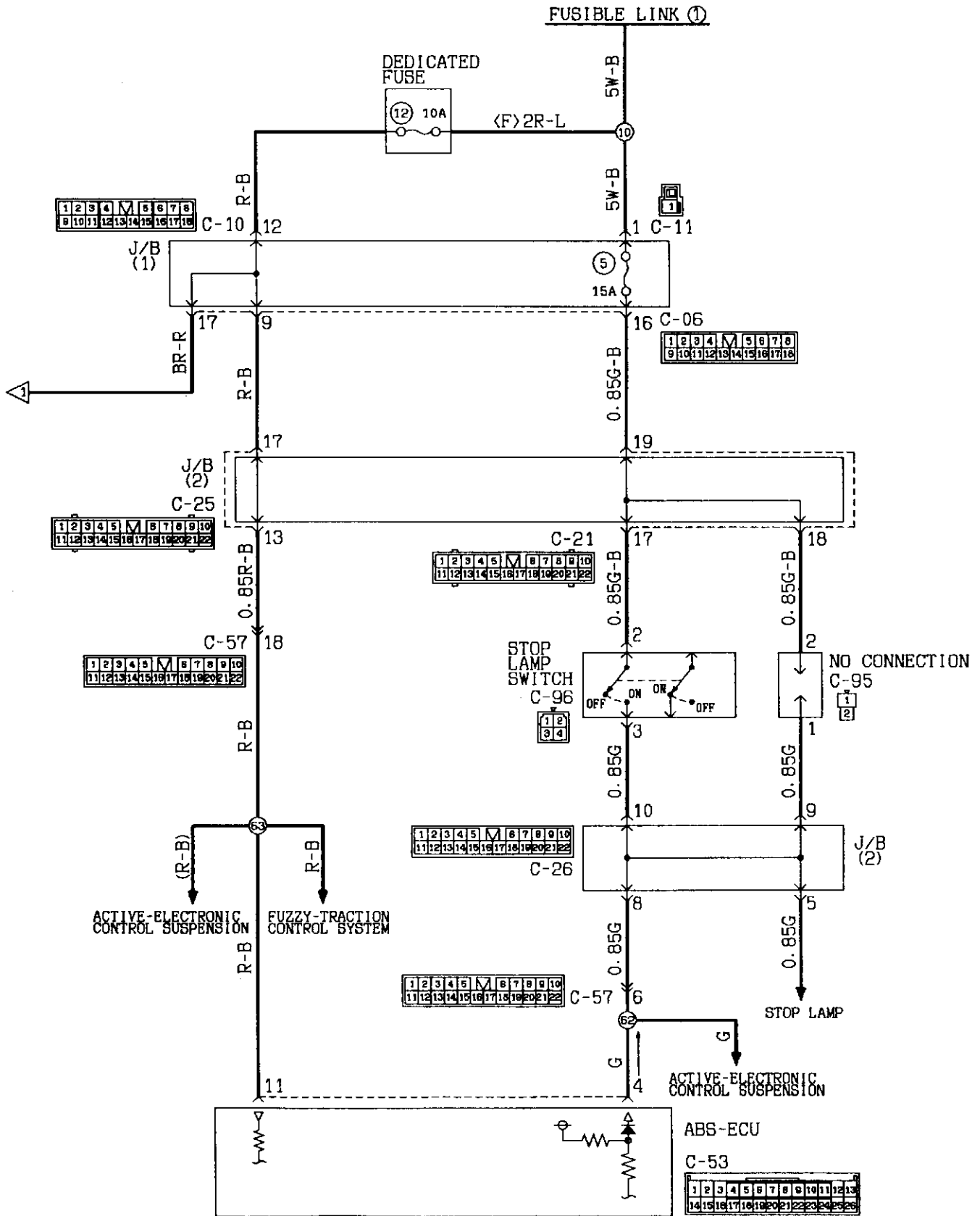
ANTI-SKID BRAKE SYSTEM  
(2WD) (L. H. drive vehicles) (CONTINUED)



Remarks  
\*: Vehicles with TCL.

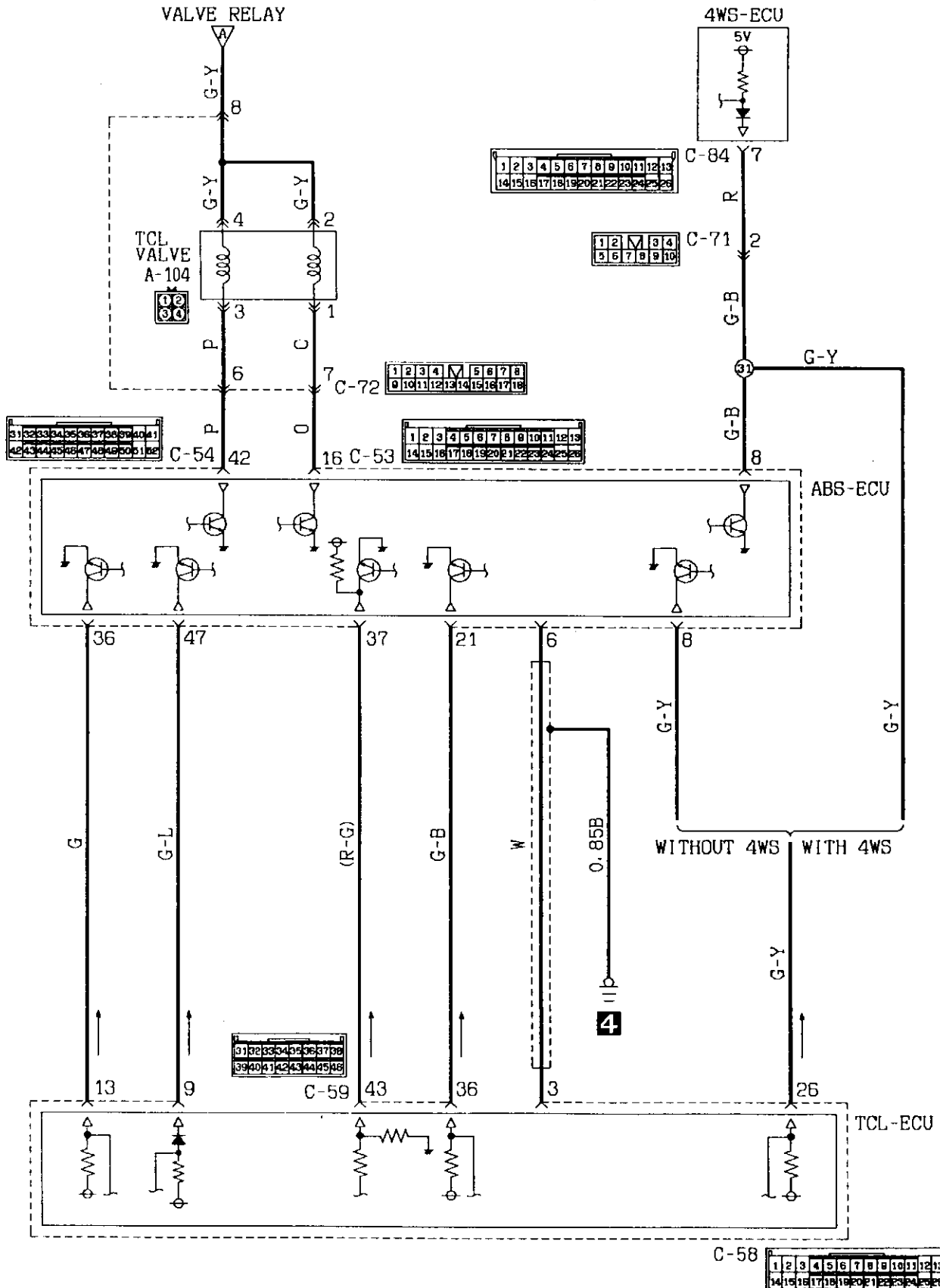
KX35-AC-F1517A-EC





Wire colour code  
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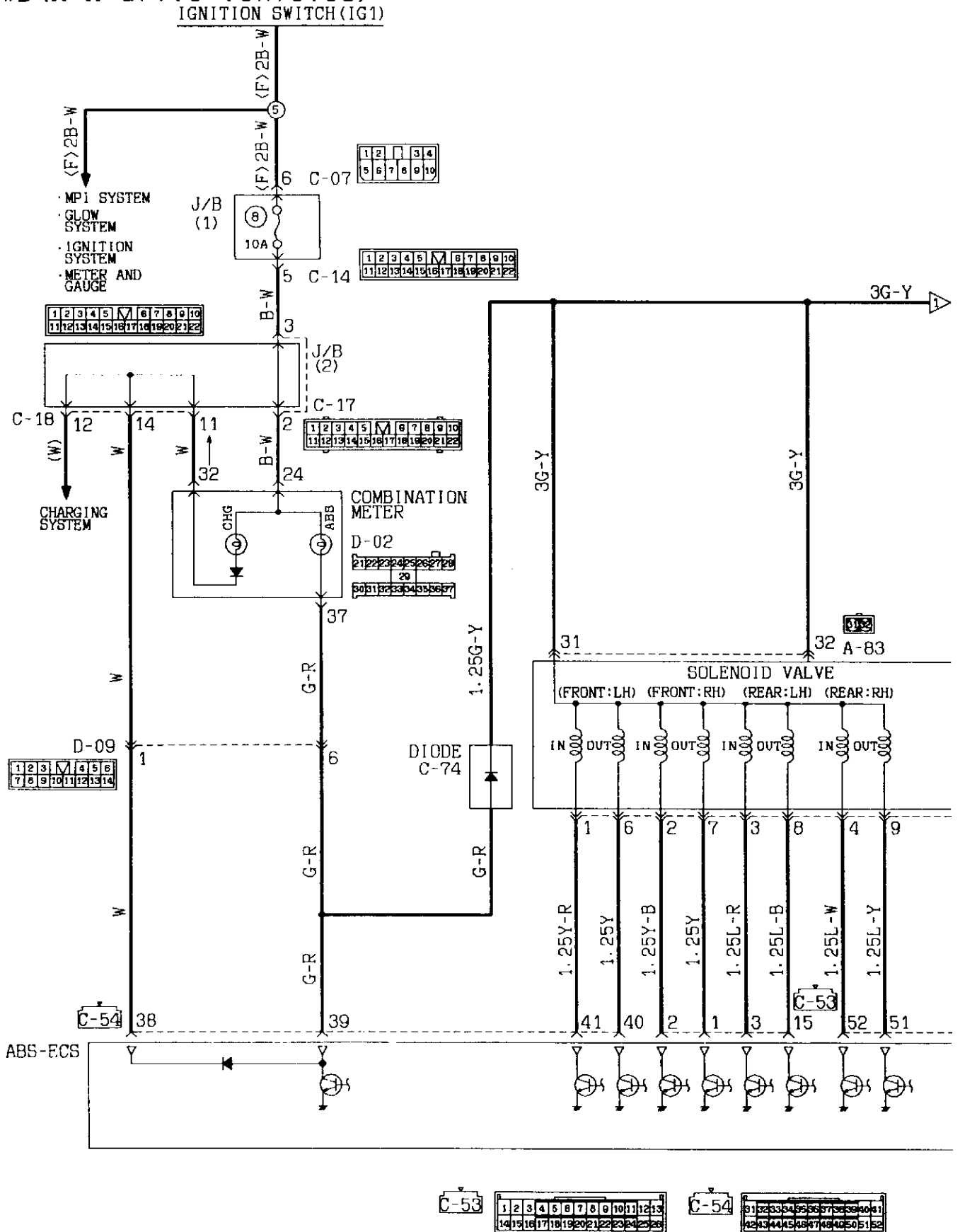
ANTI-SKID BRAKE SYSTEM  
(2WD) (L.H. drive vehicles) (CONTINUED)



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

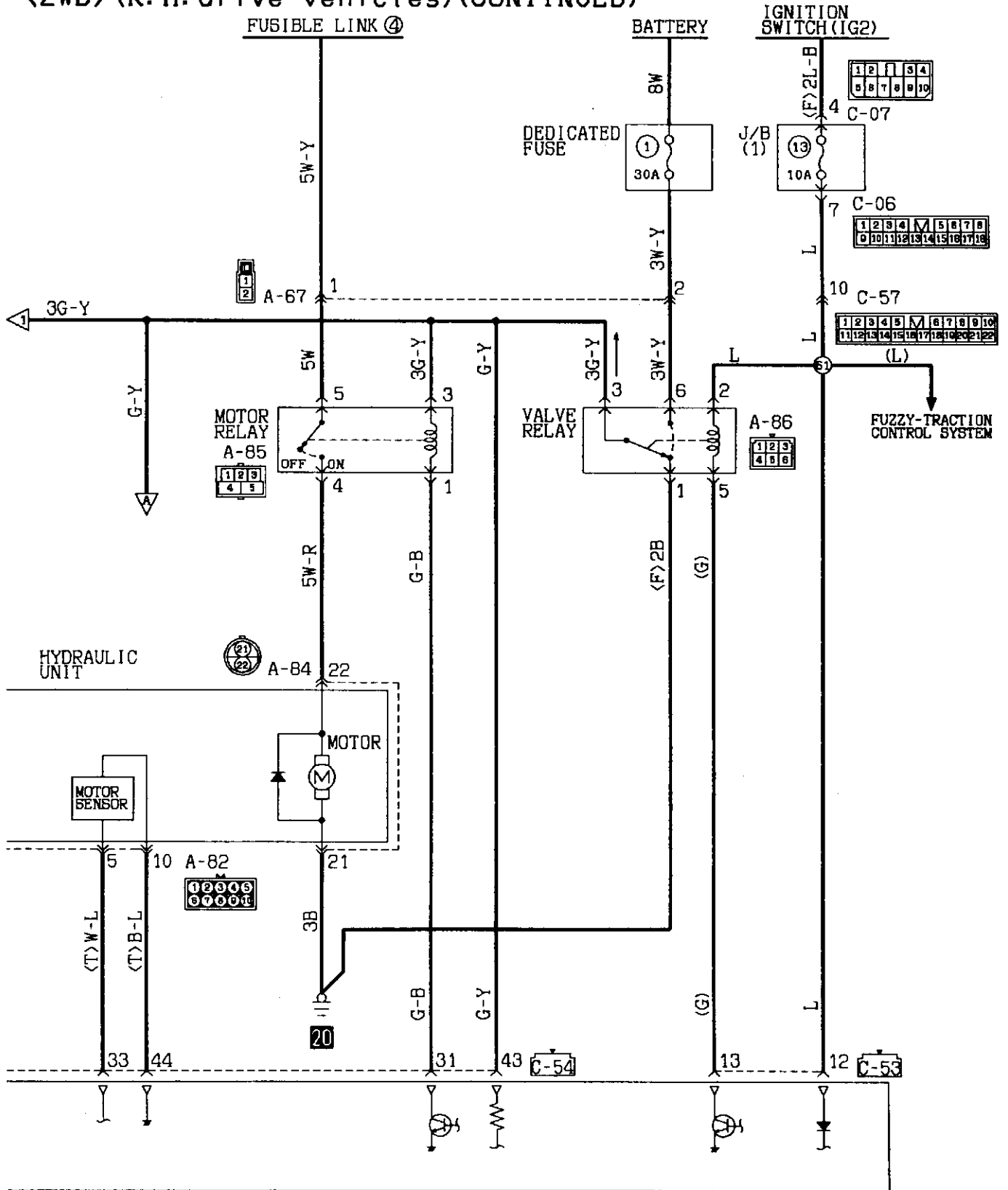
# ANTI-SKID BRAKE SYSTEM

2WD<R. H. drive vehicles>

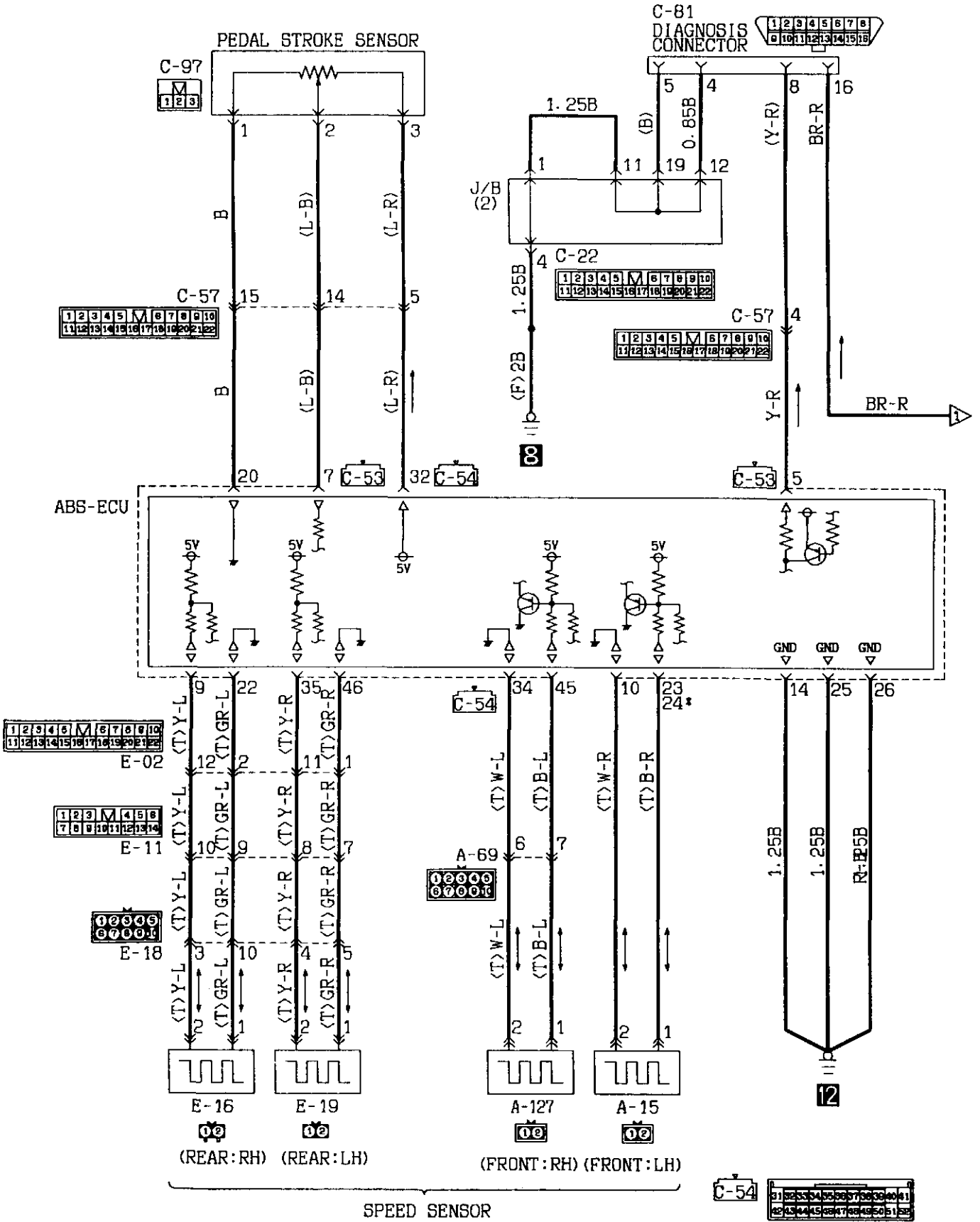


KX35-AC-F1518-EC

ANTI-SKID BRAKE SYSTEM  
(2WD) (R. H. drive vehicles) (CONTINUED)



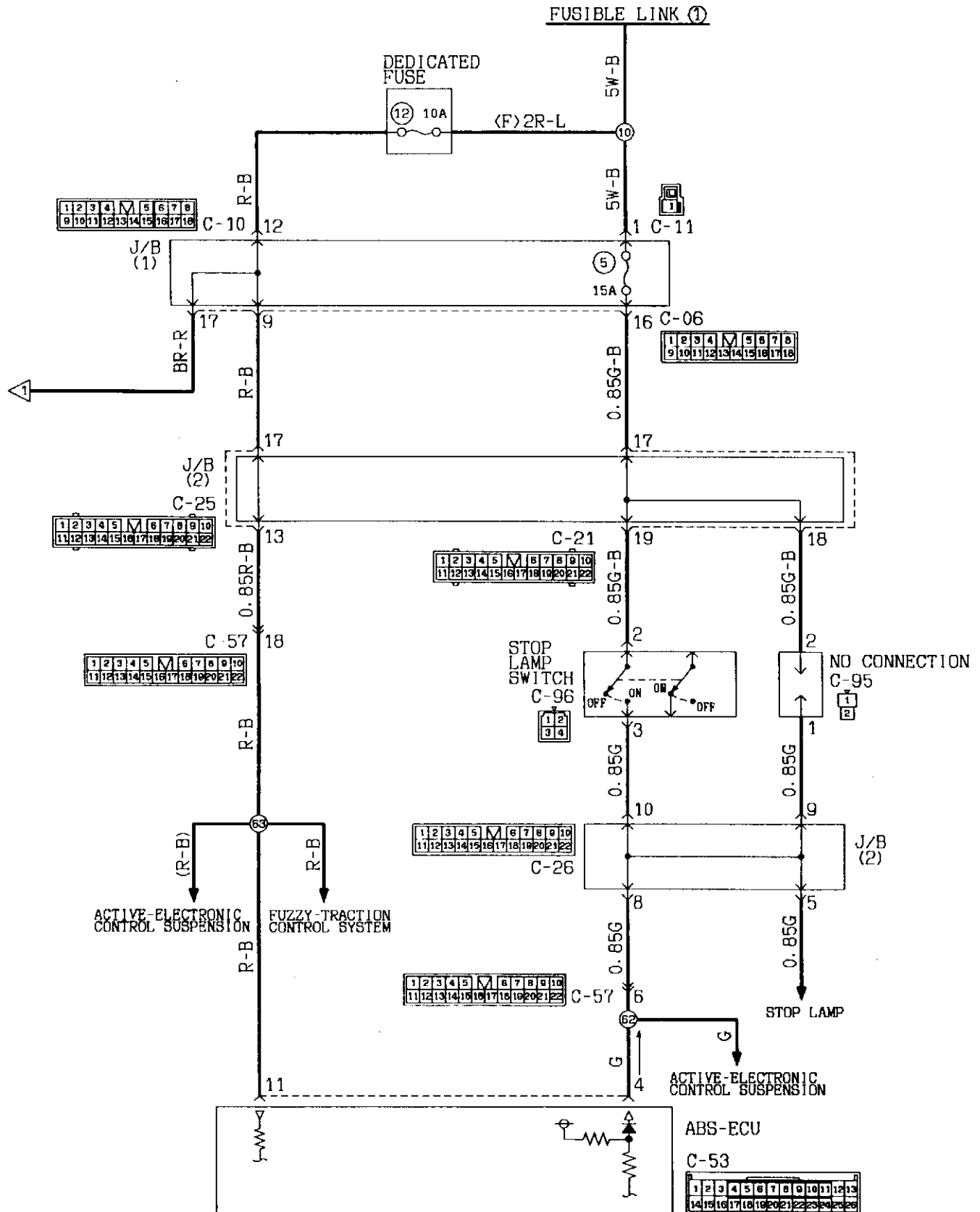
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



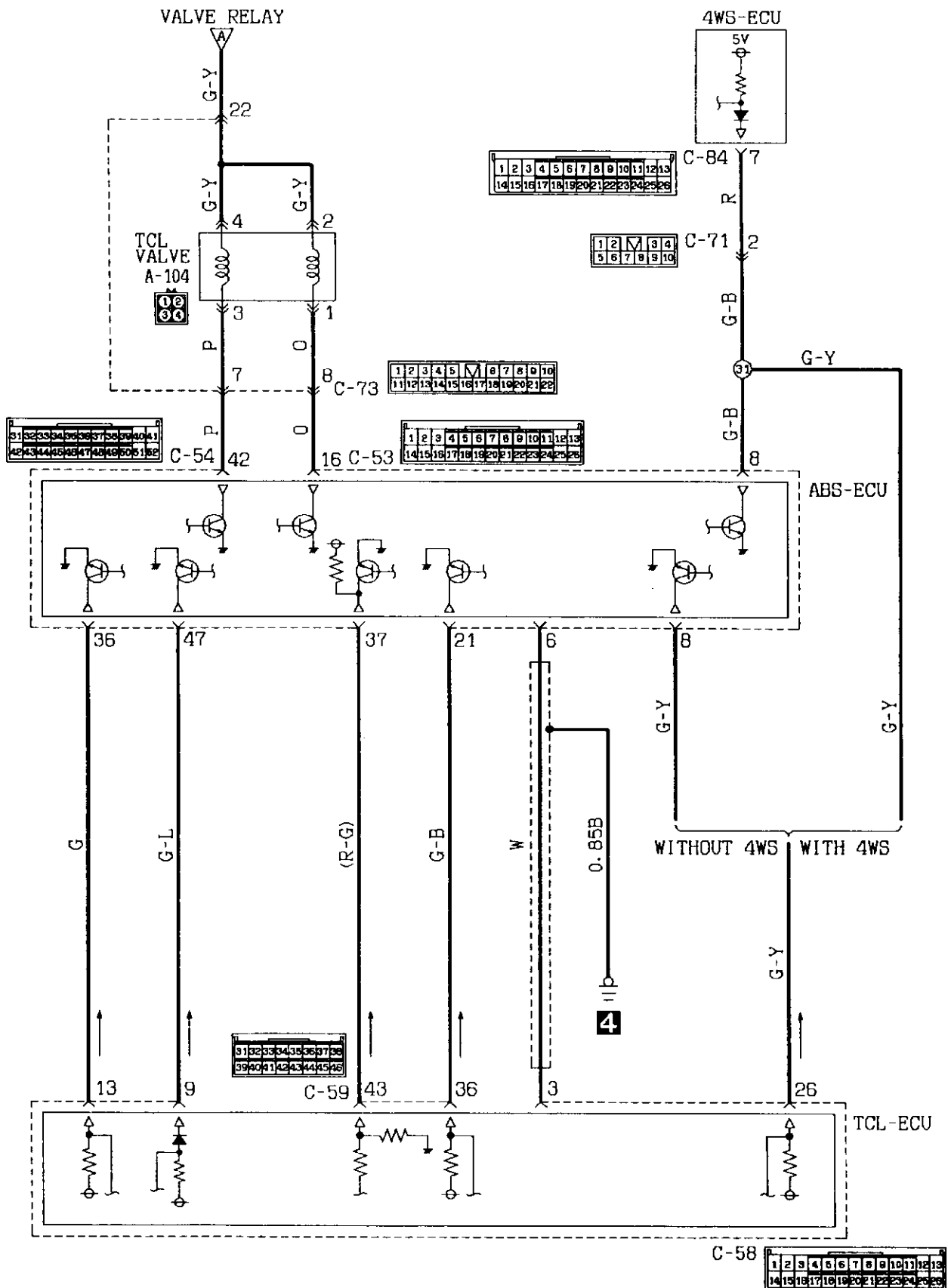
Remarks  
 \*: Vehicles with TCL.

KX35-AC-F1518A-EC

ANTI-SKID BRAKE SYSTEM  
(2WD) (R. H. drive vehicles) (CONTINUED)



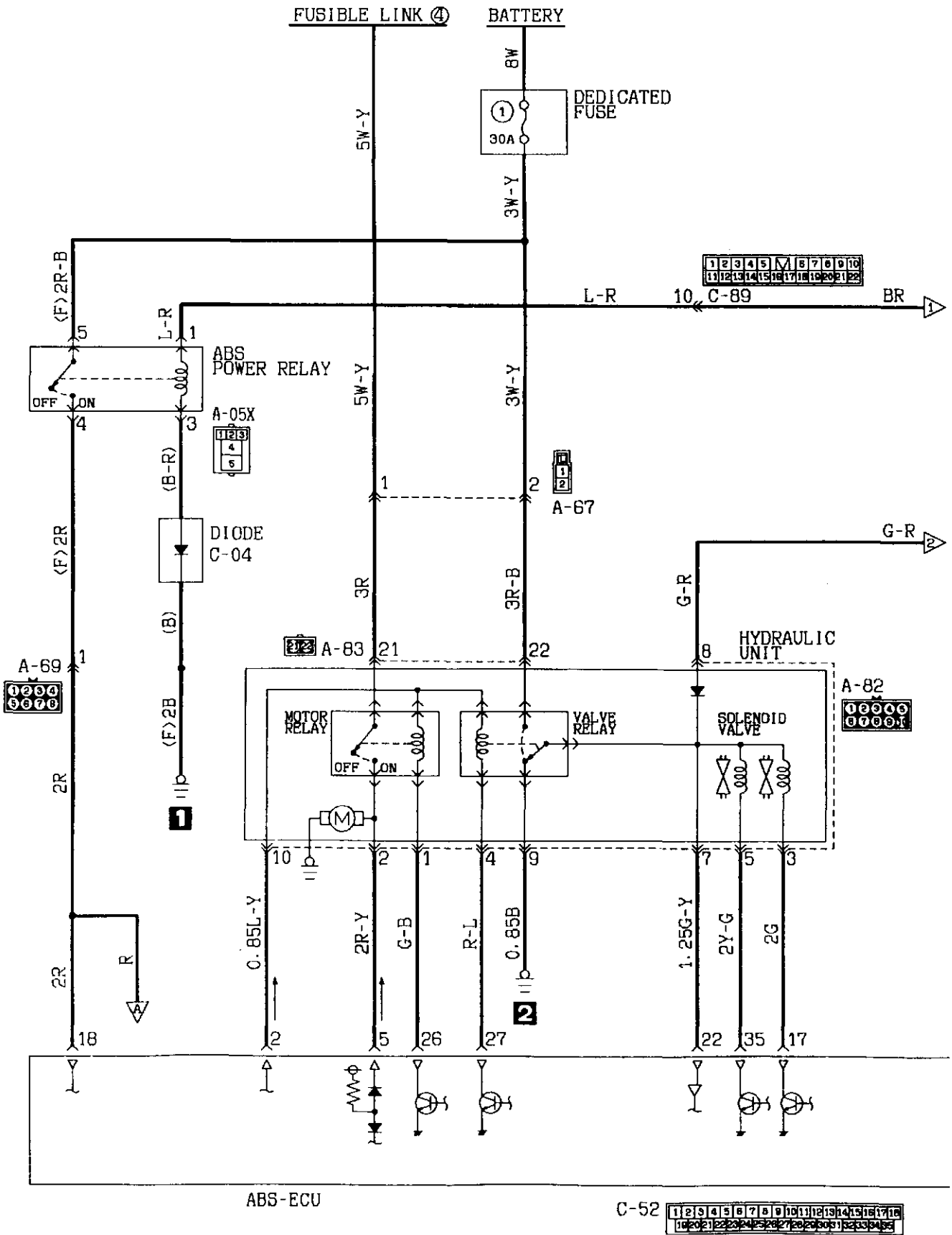
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

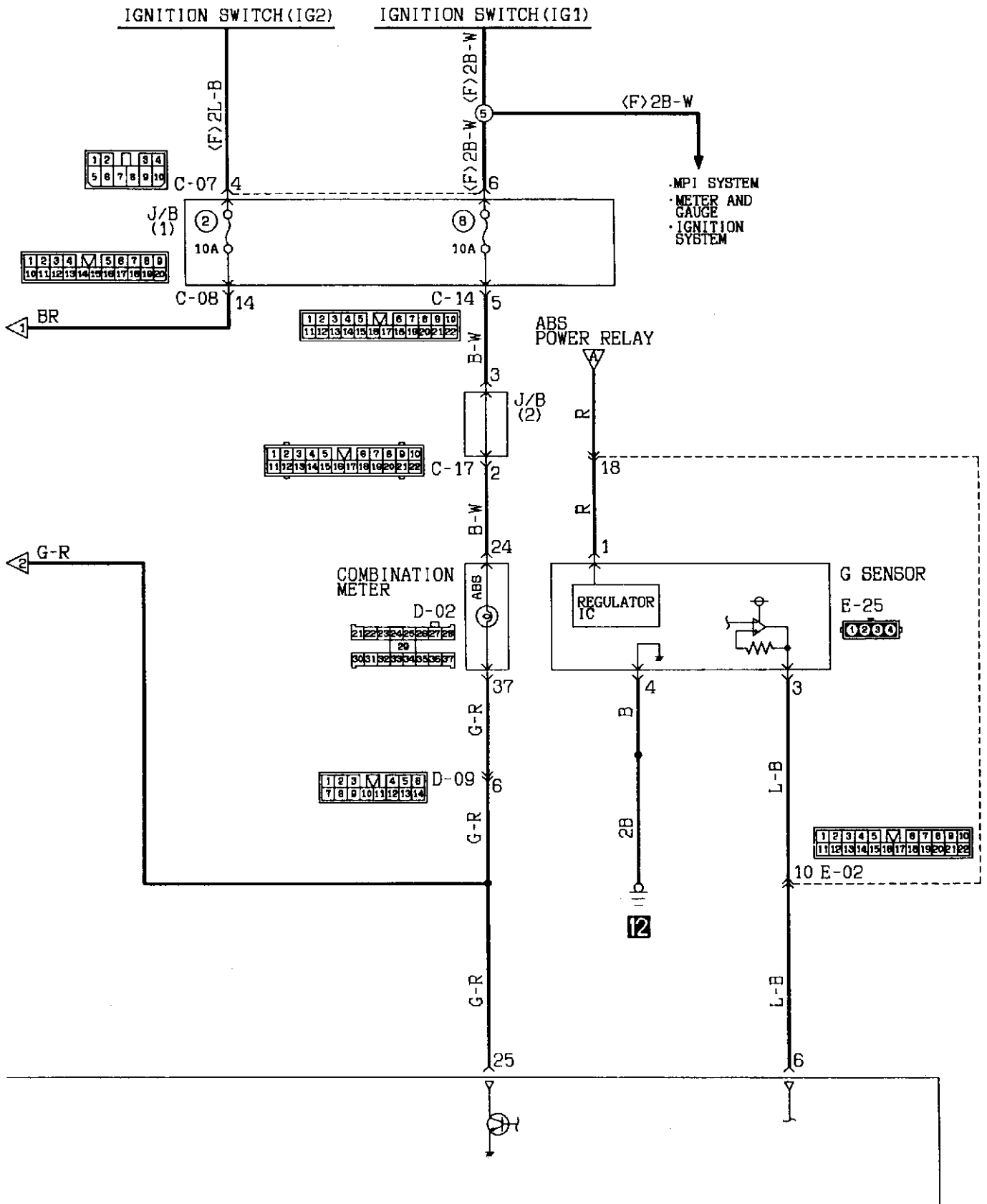
KX35-AC-F1516B-EC

ANTI-SKID BRAKE SYSTEM  
4WD<L.H. drive vehicles>



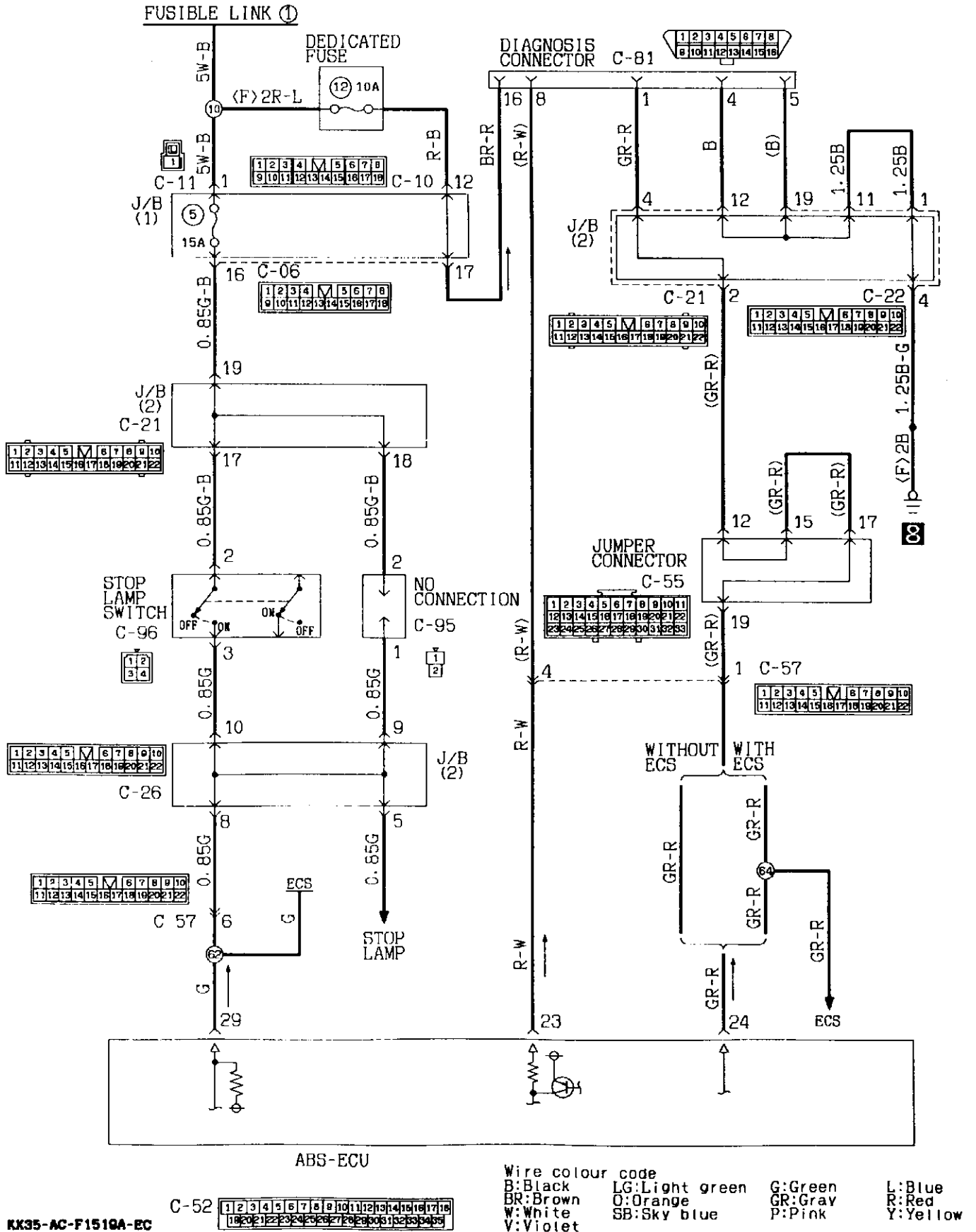
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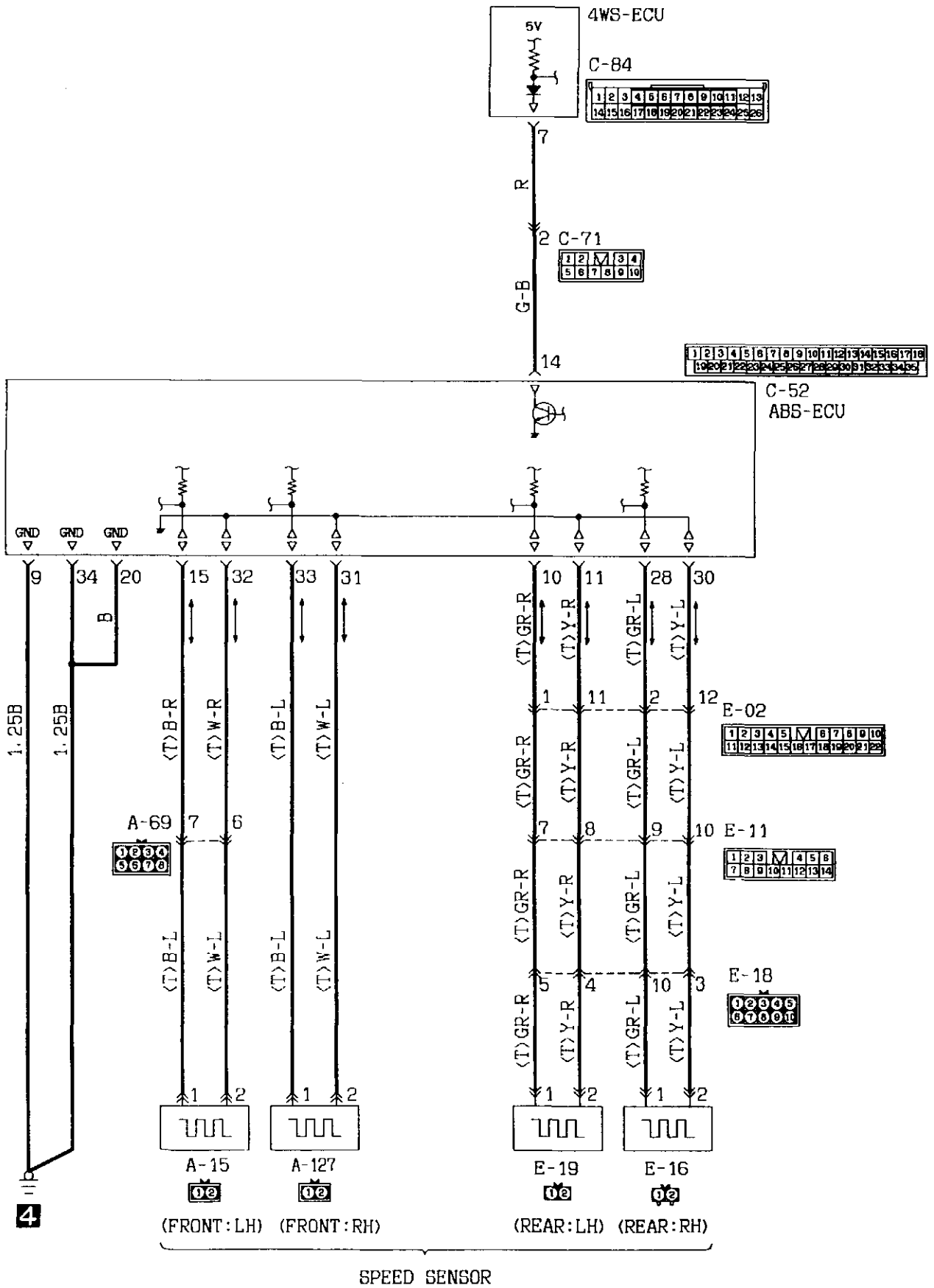


Wire colour code  
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ANTI-SKID BRAKE SYSTEM  
 <4WD> <L.H. drive vehicles> <CONTINUED>

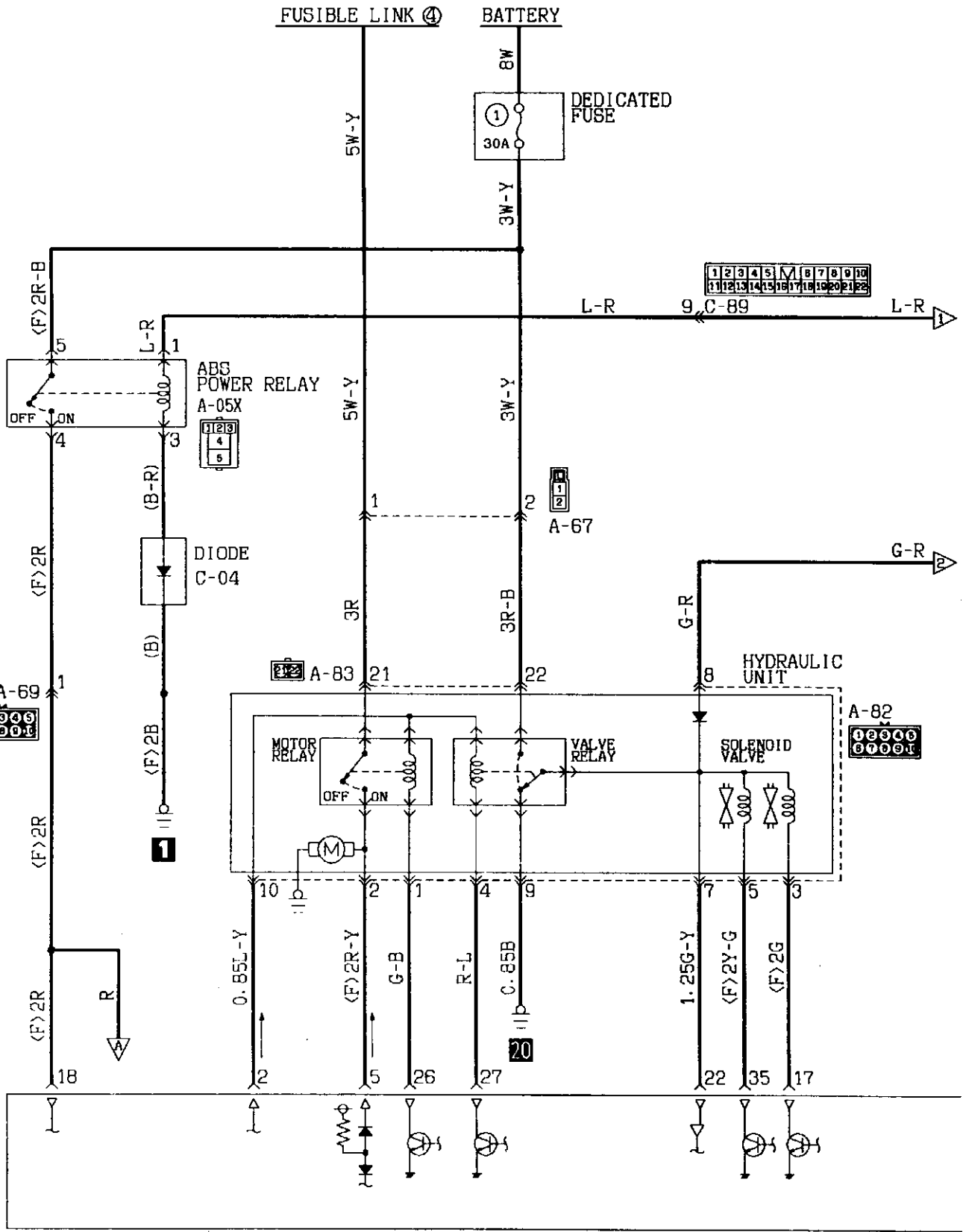


KX35-AC-F1510A-EC

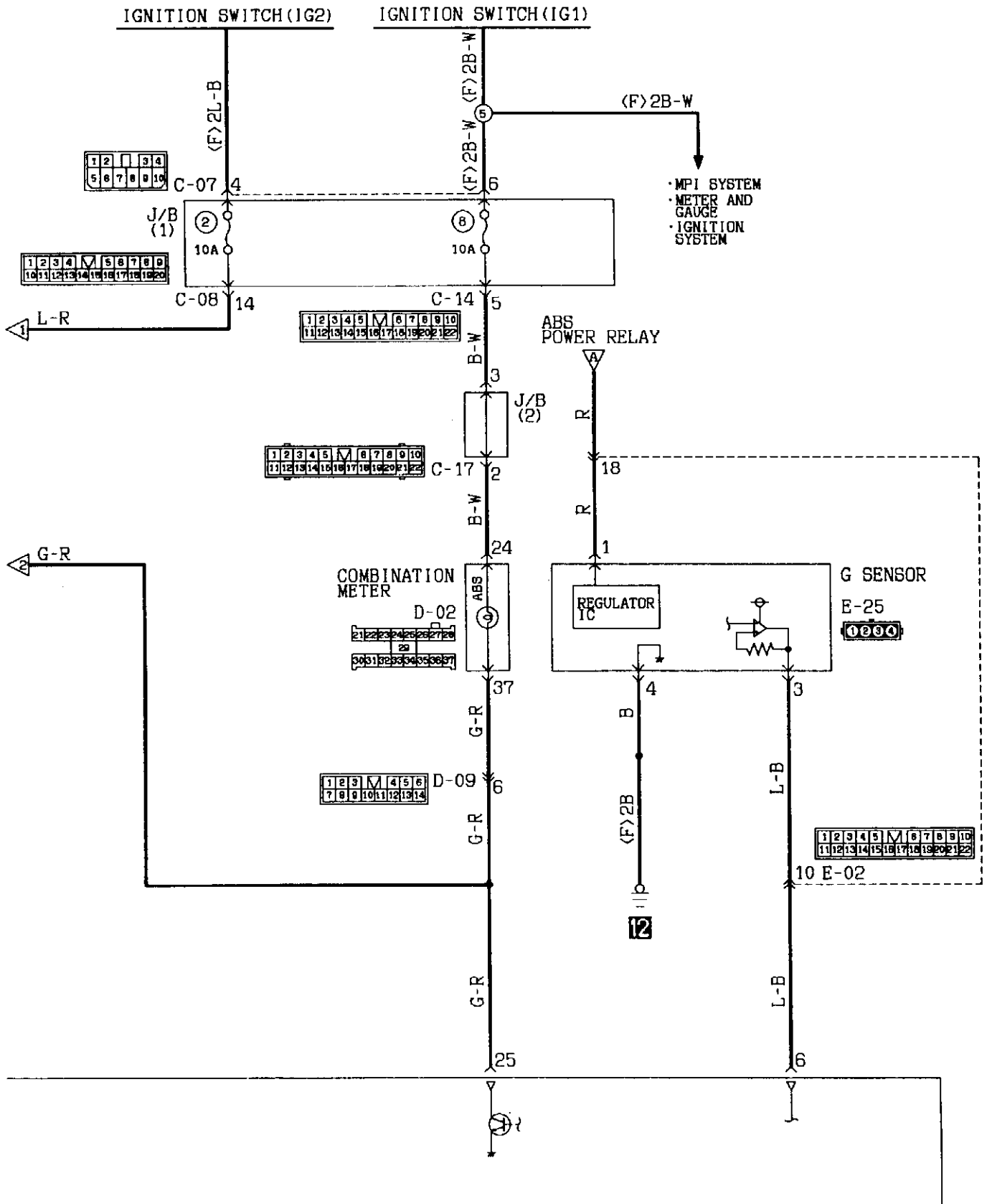


# ANTI-SKID BRAKE SYSTEM

4WD<R. H. drive vehicles>

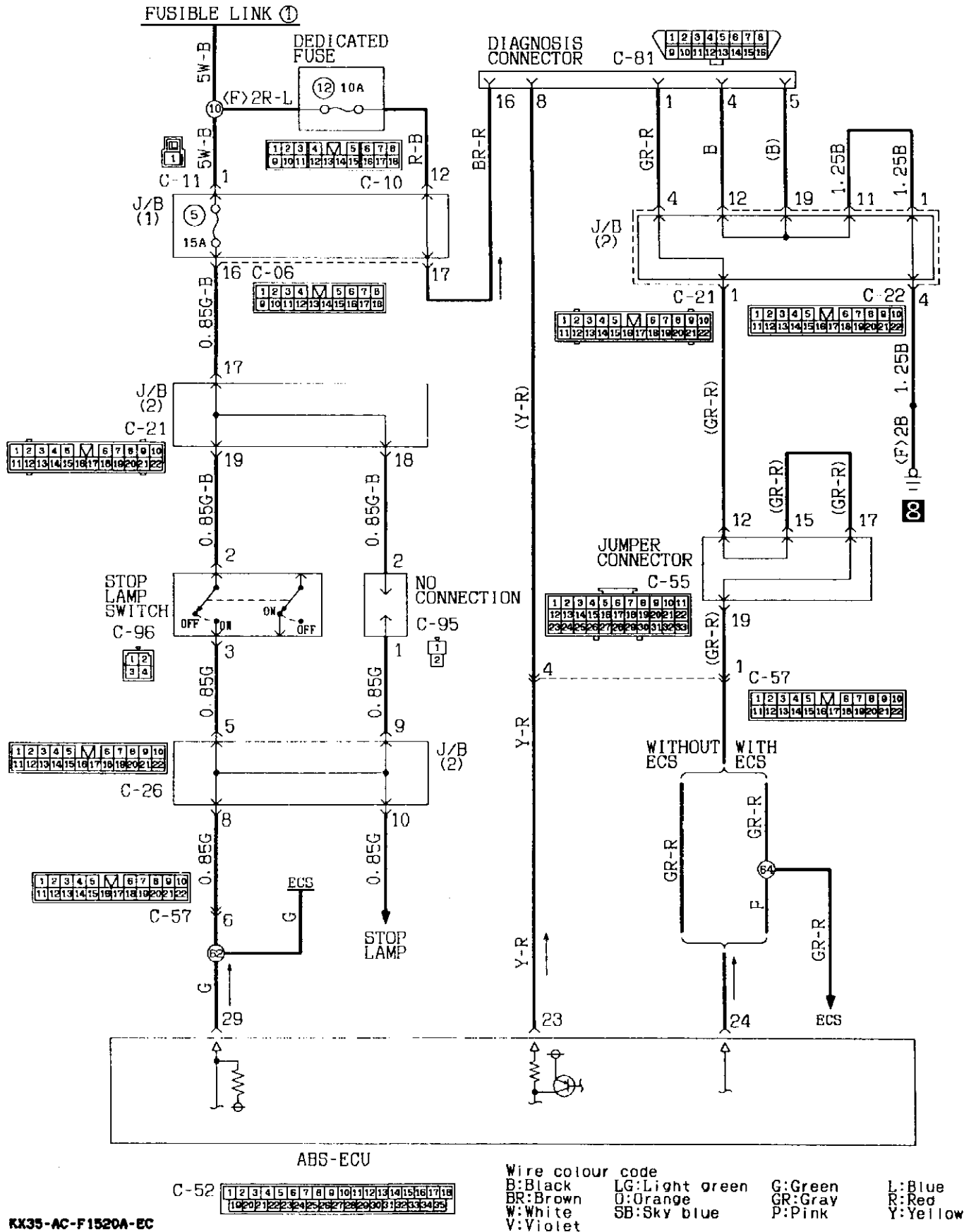


KX35-AC-F1520-EC

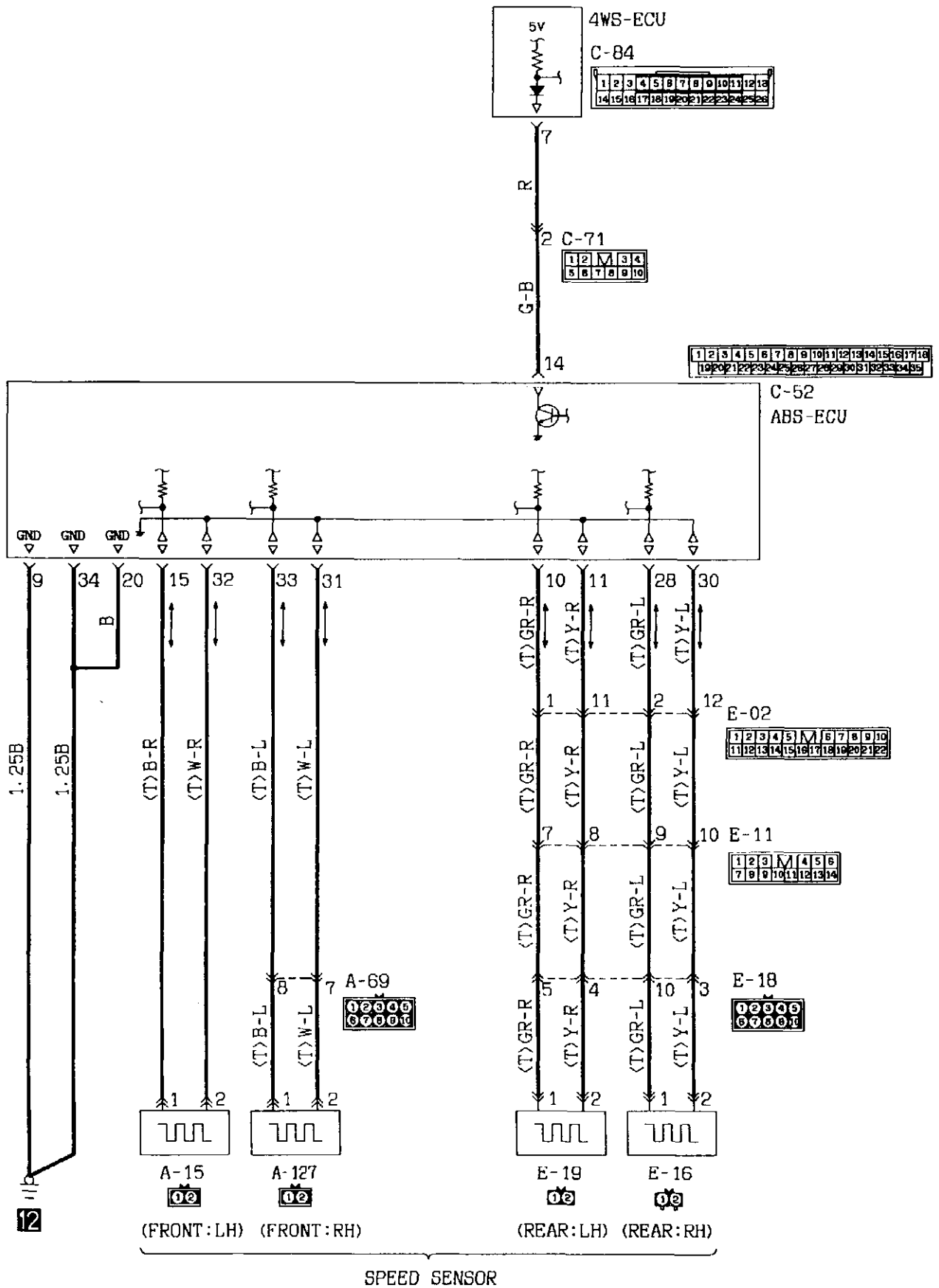


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

ANTI-SKID BRAKE SYSTEM  
(4WD) (R. H. drive vehicles) (CONTINUED)

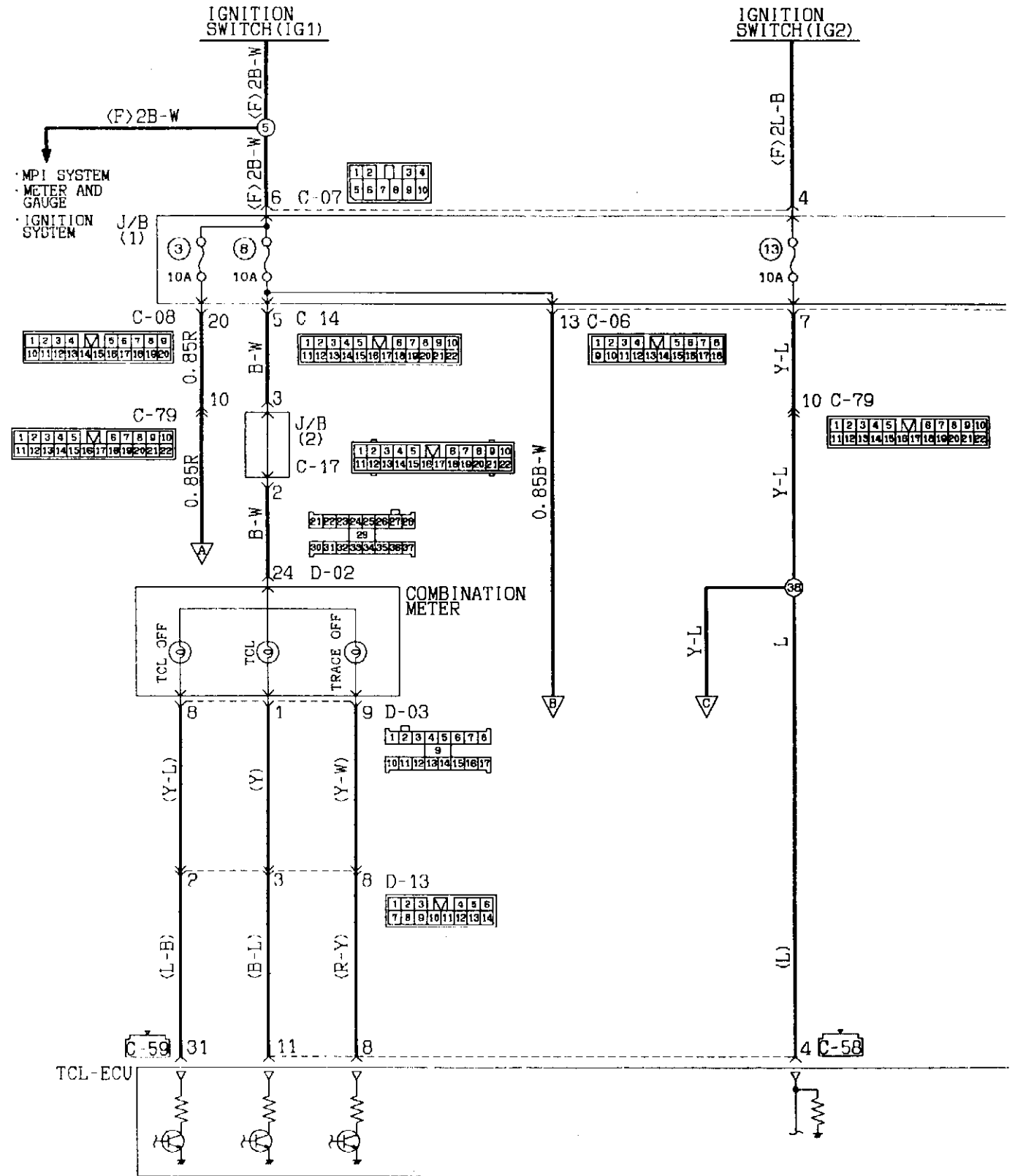


KX35-AC-F1520A-EC



# FUZZY-TRACTION CONTROL SYSTEM

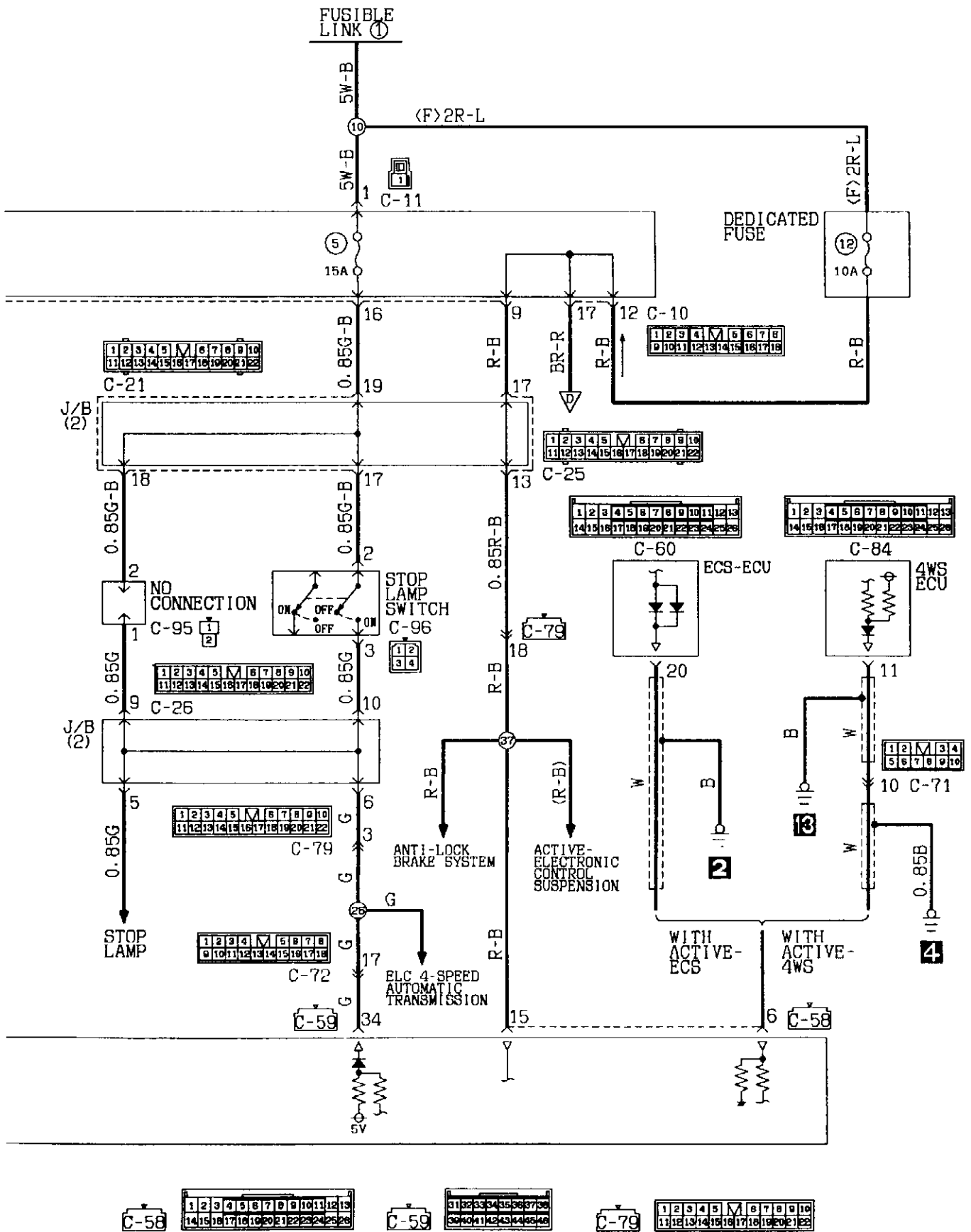
## L.H. drive vehicles



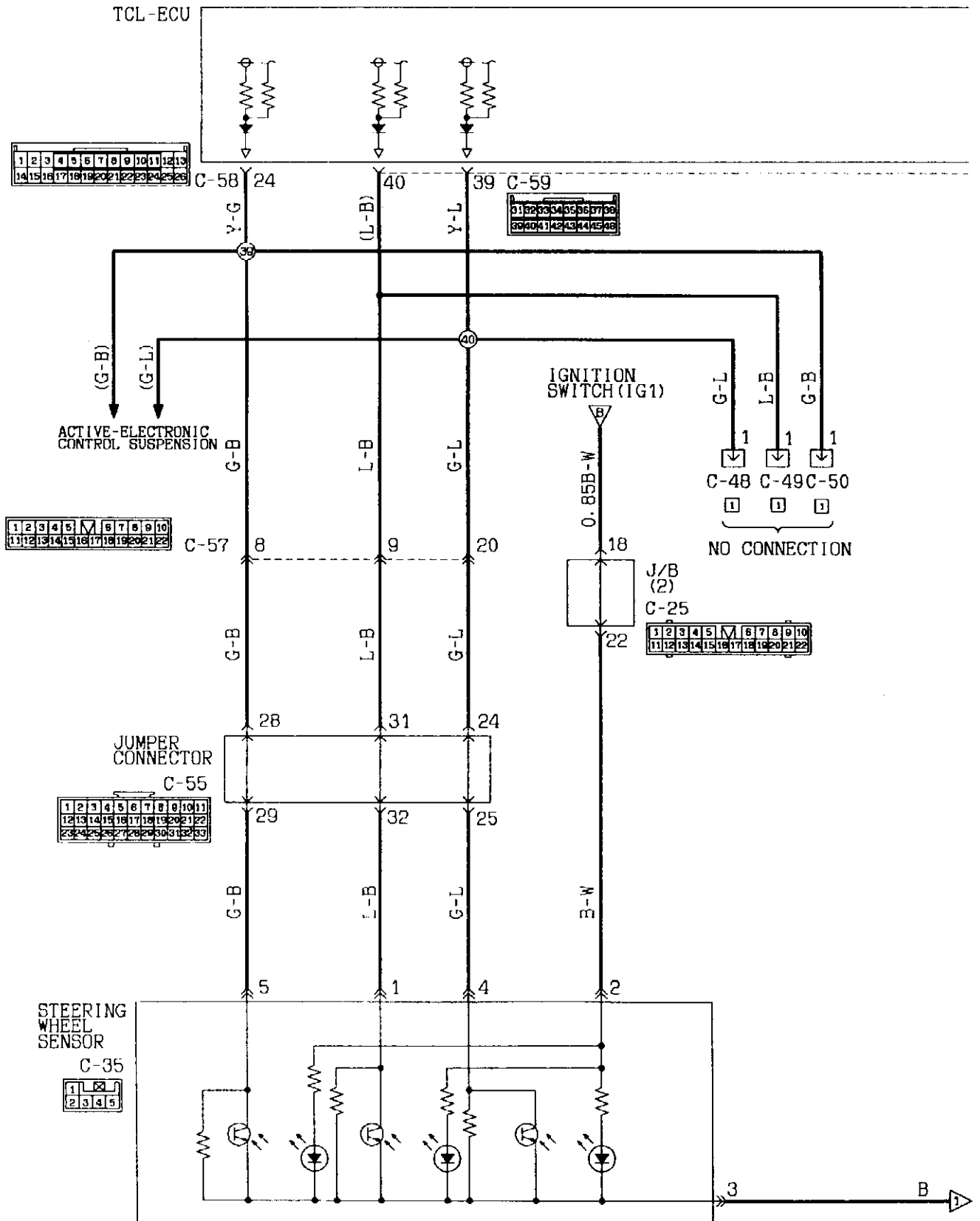
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F1504-EC



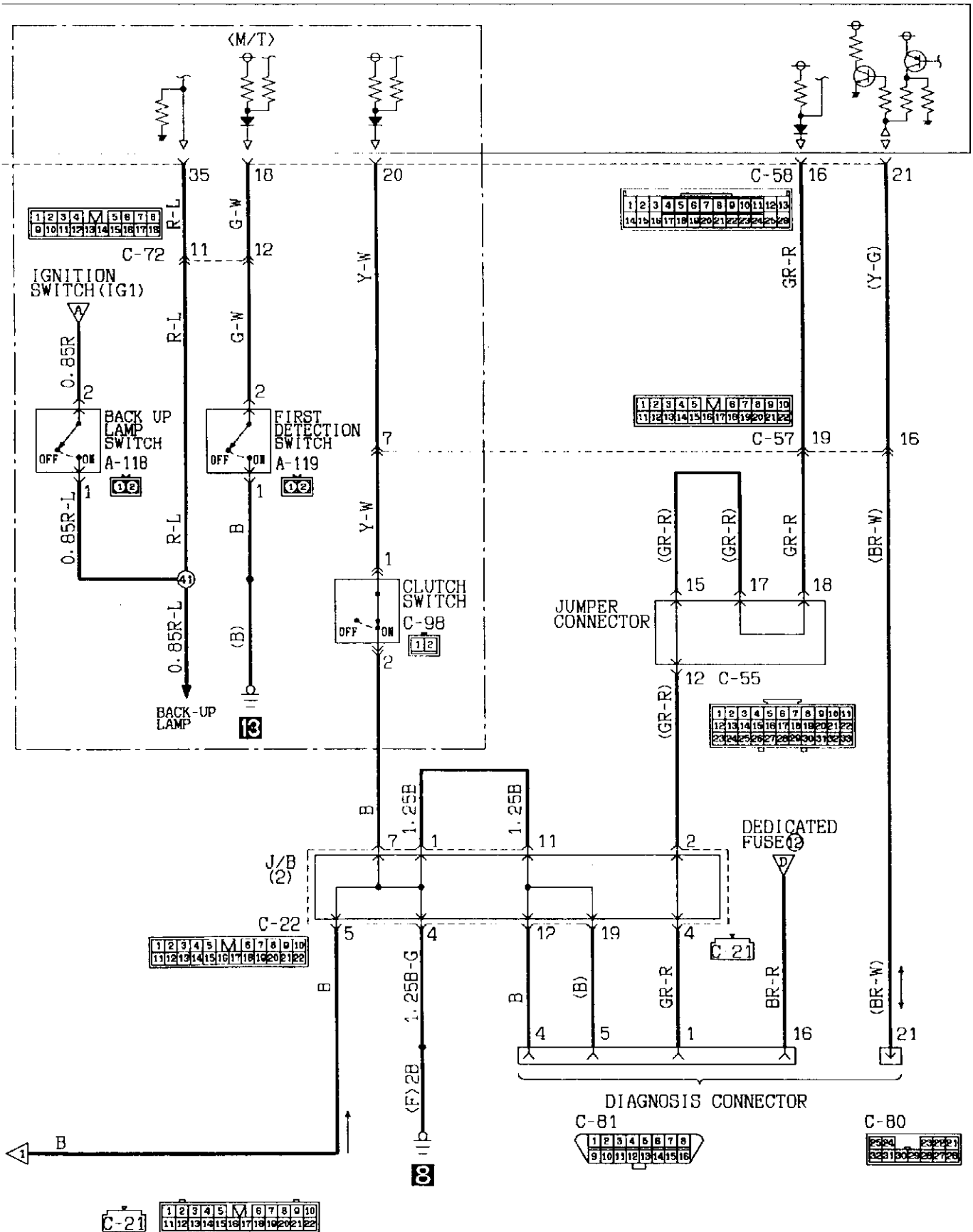


FUZZY-TRACTION CONTROL SYSTEM  
(L. H. drive vehicles)(CONTINUED)

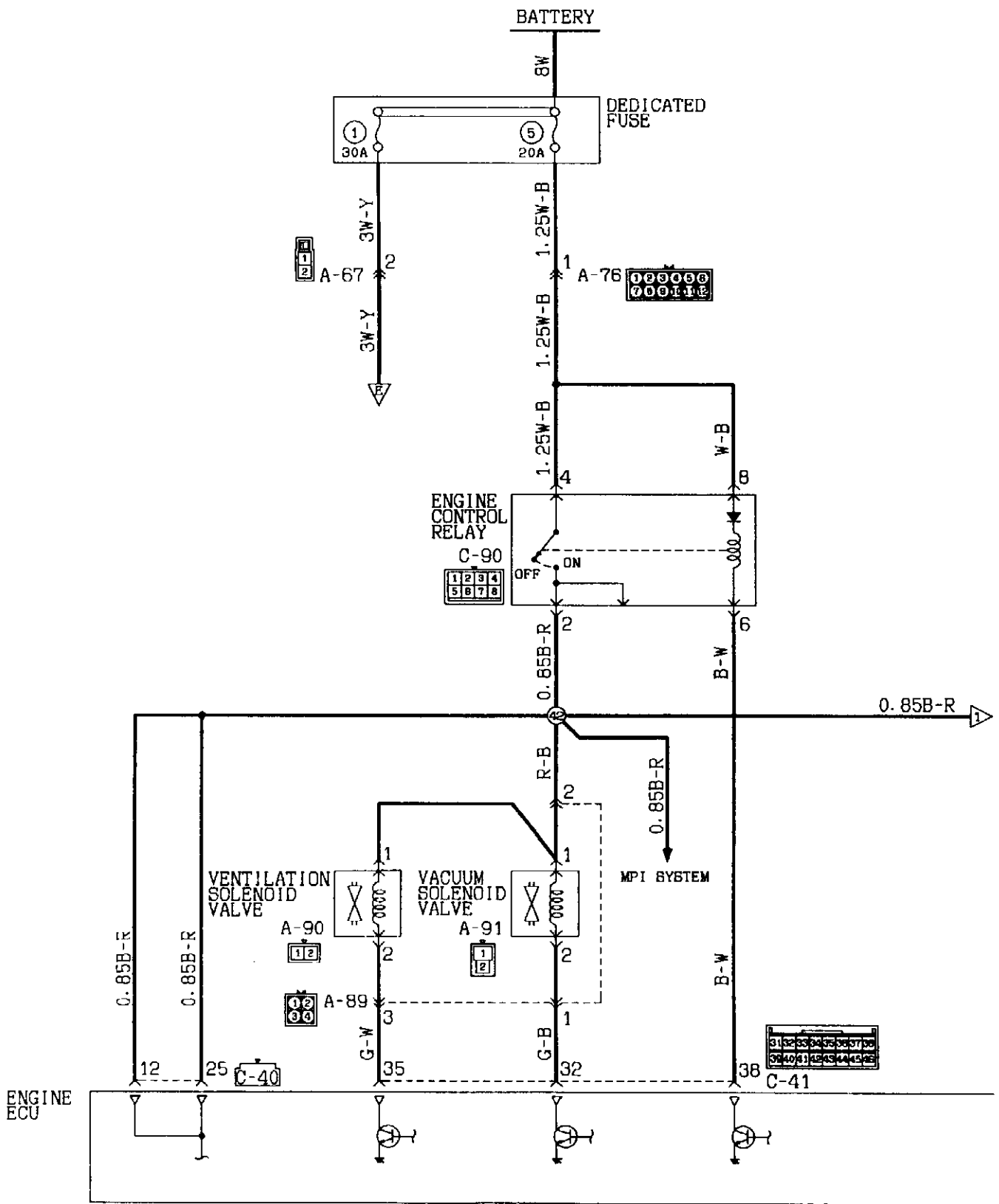


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F1504A-EC

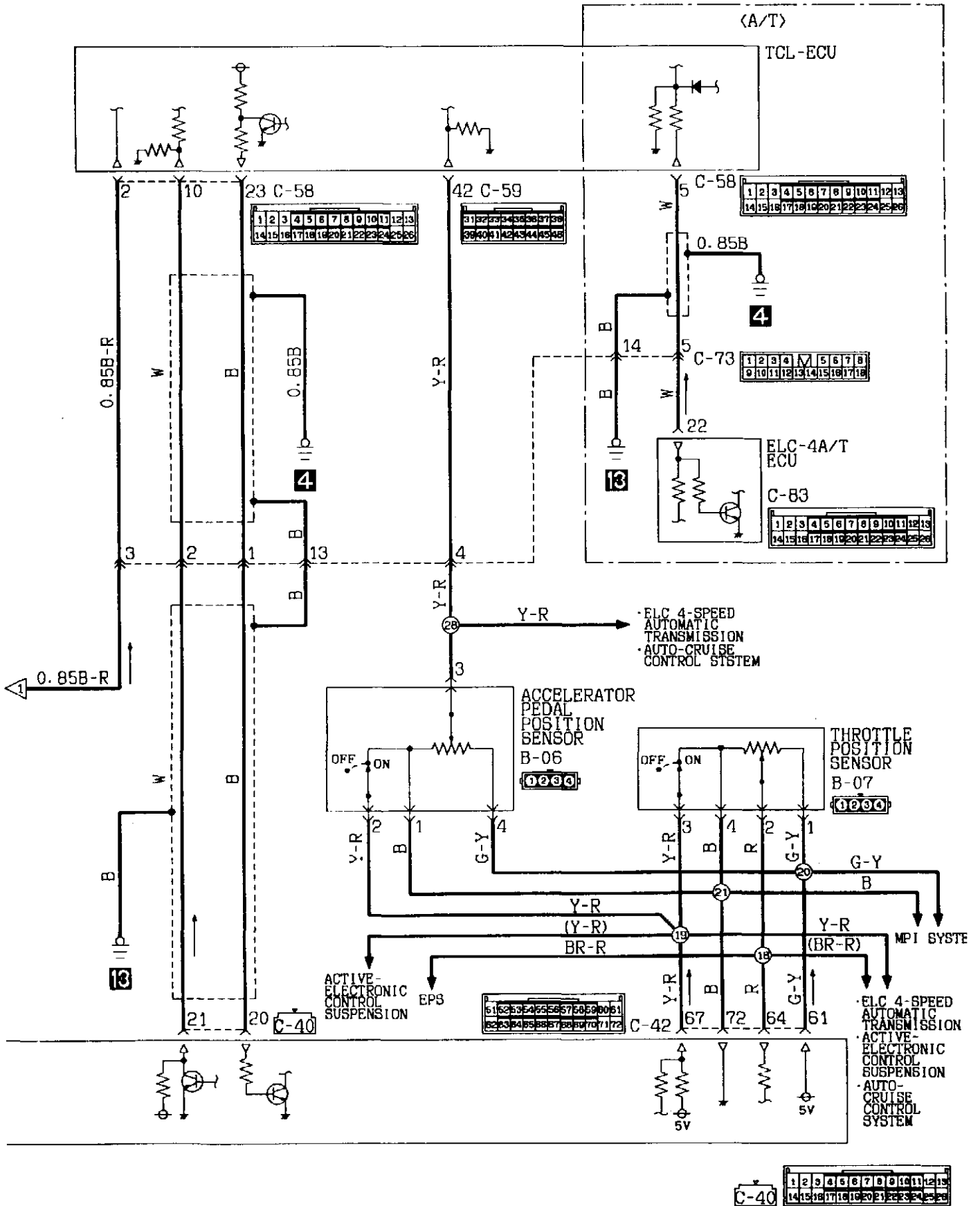


FUZZY-TRACTION CONTROL SYSTEM  
(L.H. drive vehicles)(CONTINUED)

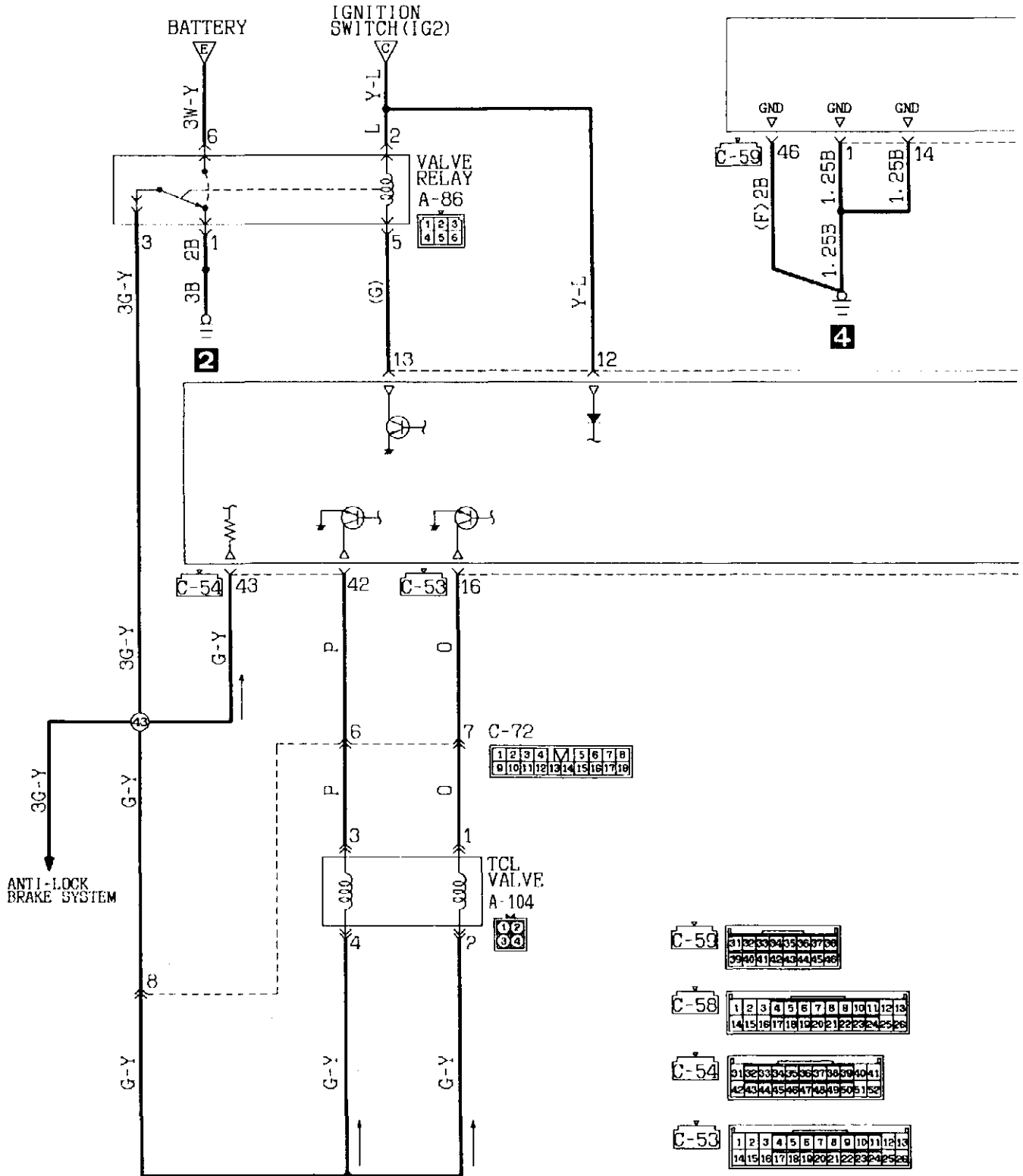


Wire colour code  
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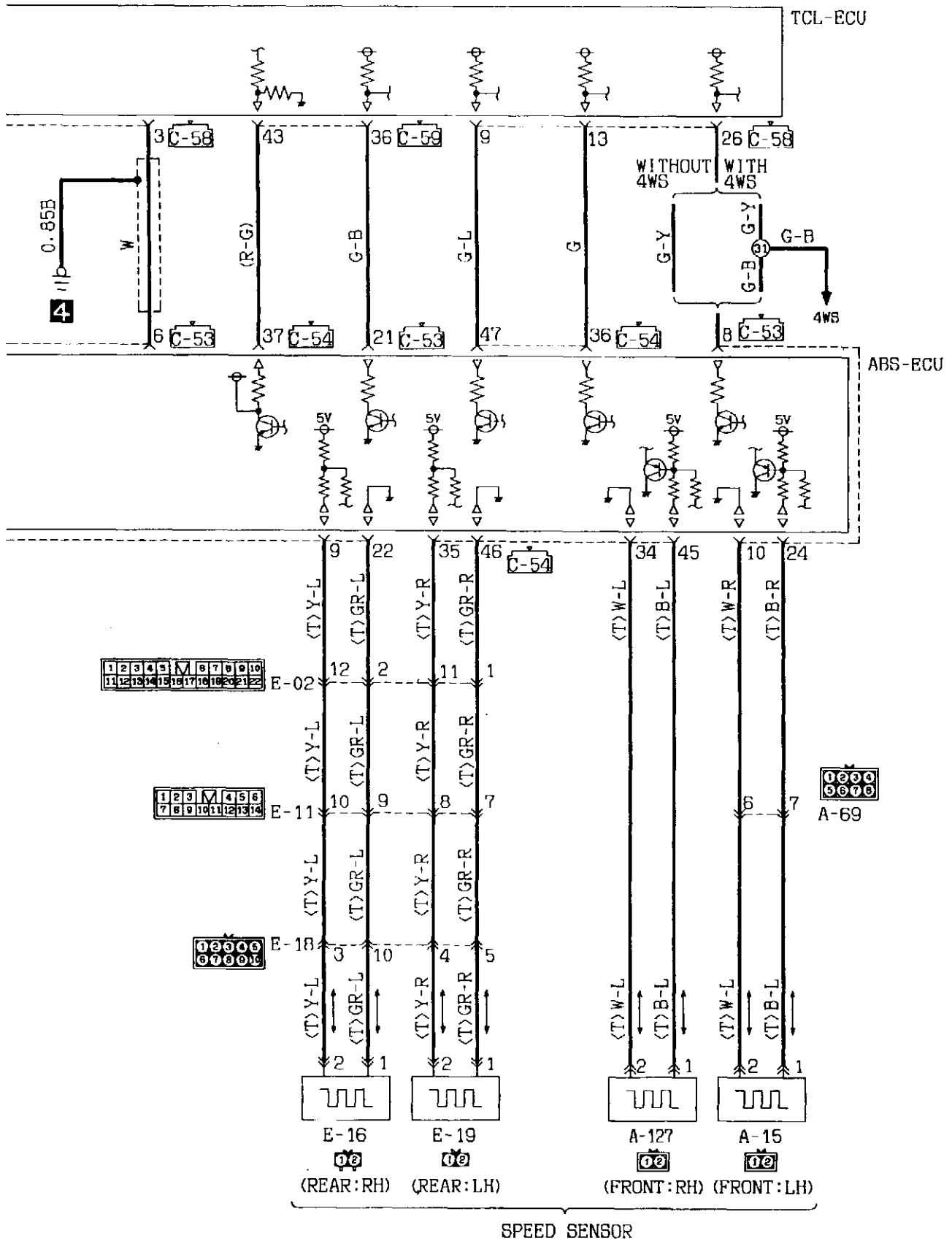
KX35-AC-F1504B-EC



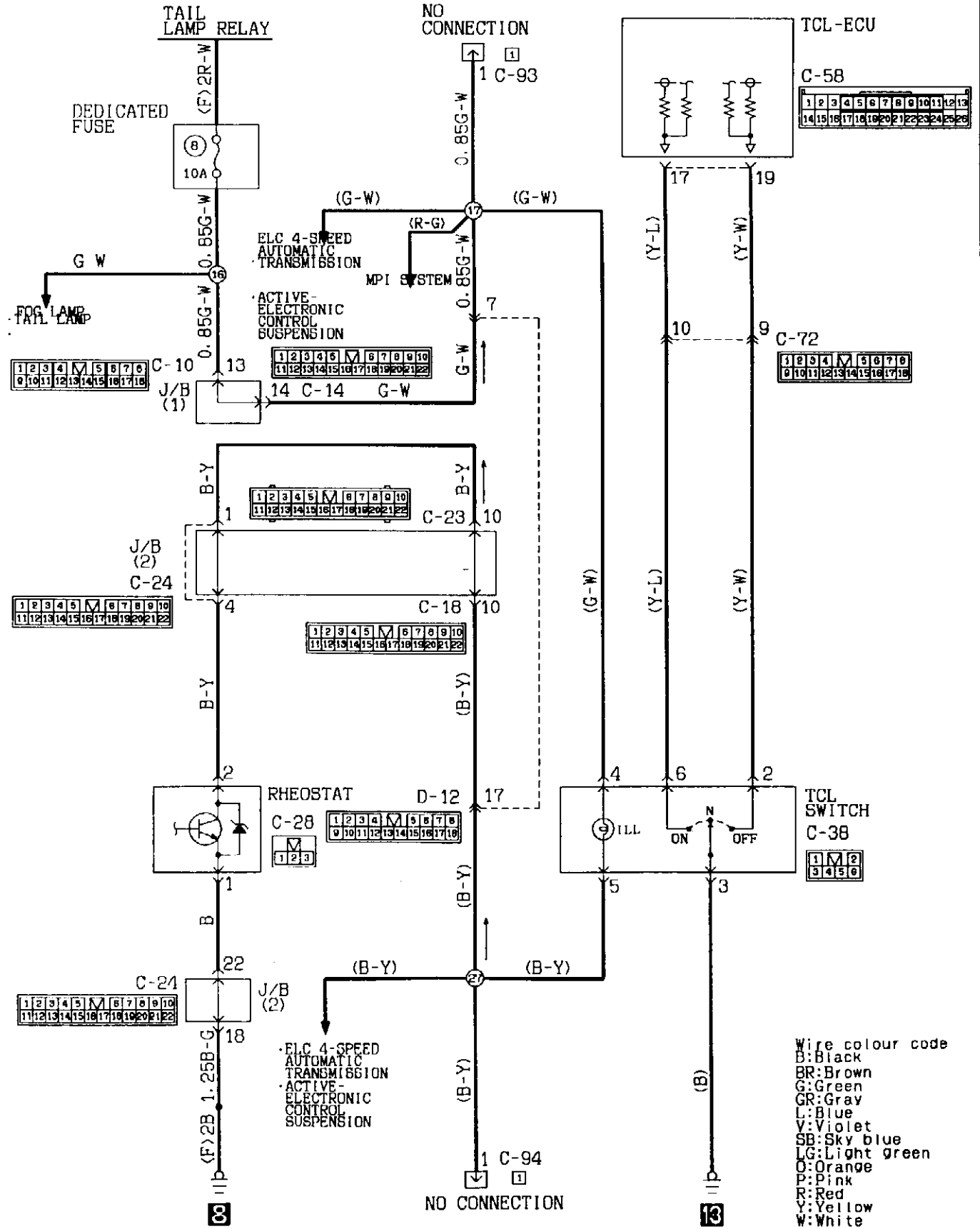
FUZZY-TRACTION CONTROL SYSTEM  
(L. H. drive vehicles) (CONTINUED)



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
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**FUZZY-TRACTION CONTROL SYSTEM**  
(L.H. drive vehicles)(CONTINUED)



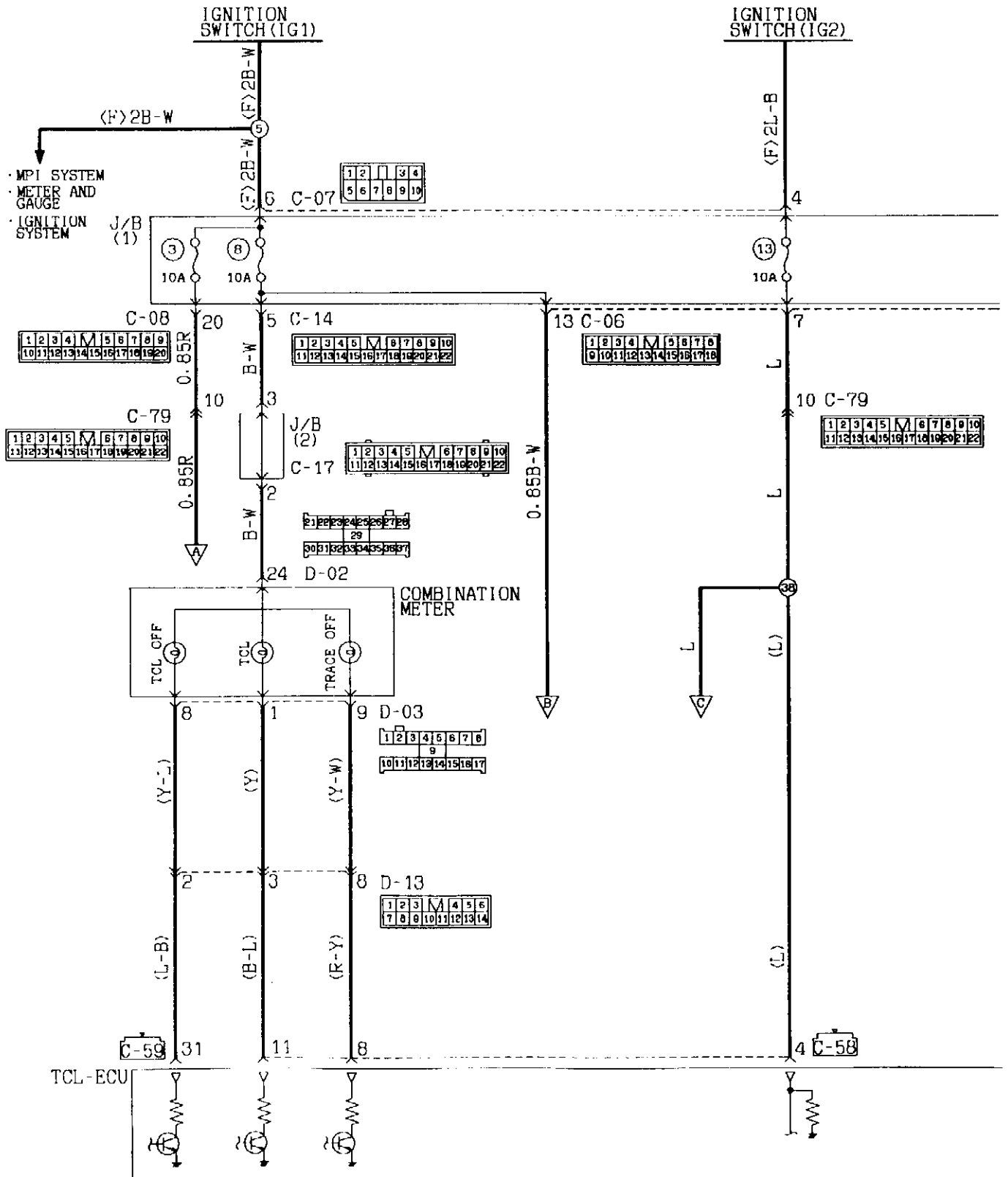


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**NOTES**

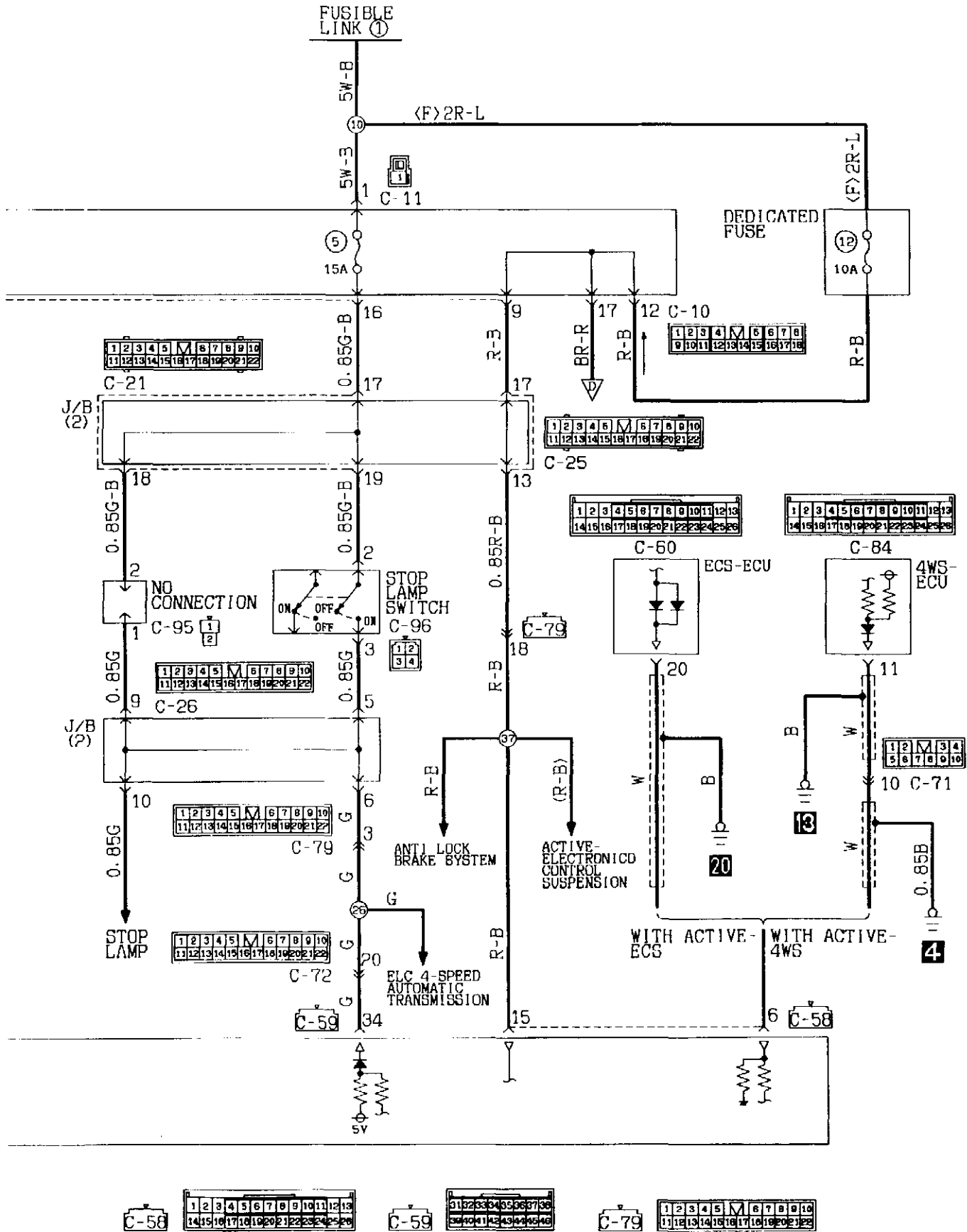
# FUZZY-TRACTION CONTROL SYSTEM

R.H. drive vehicles

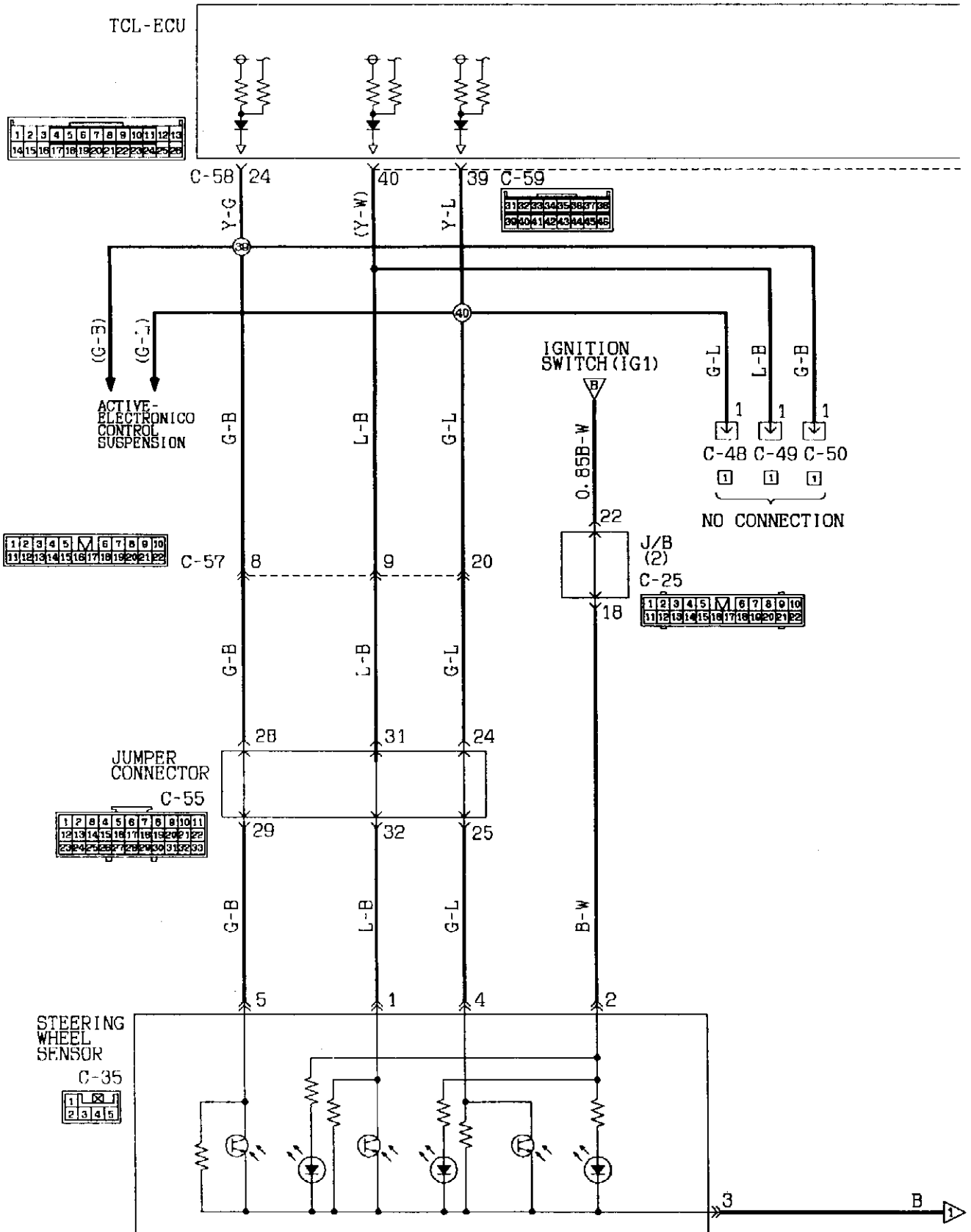


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F1505-EC

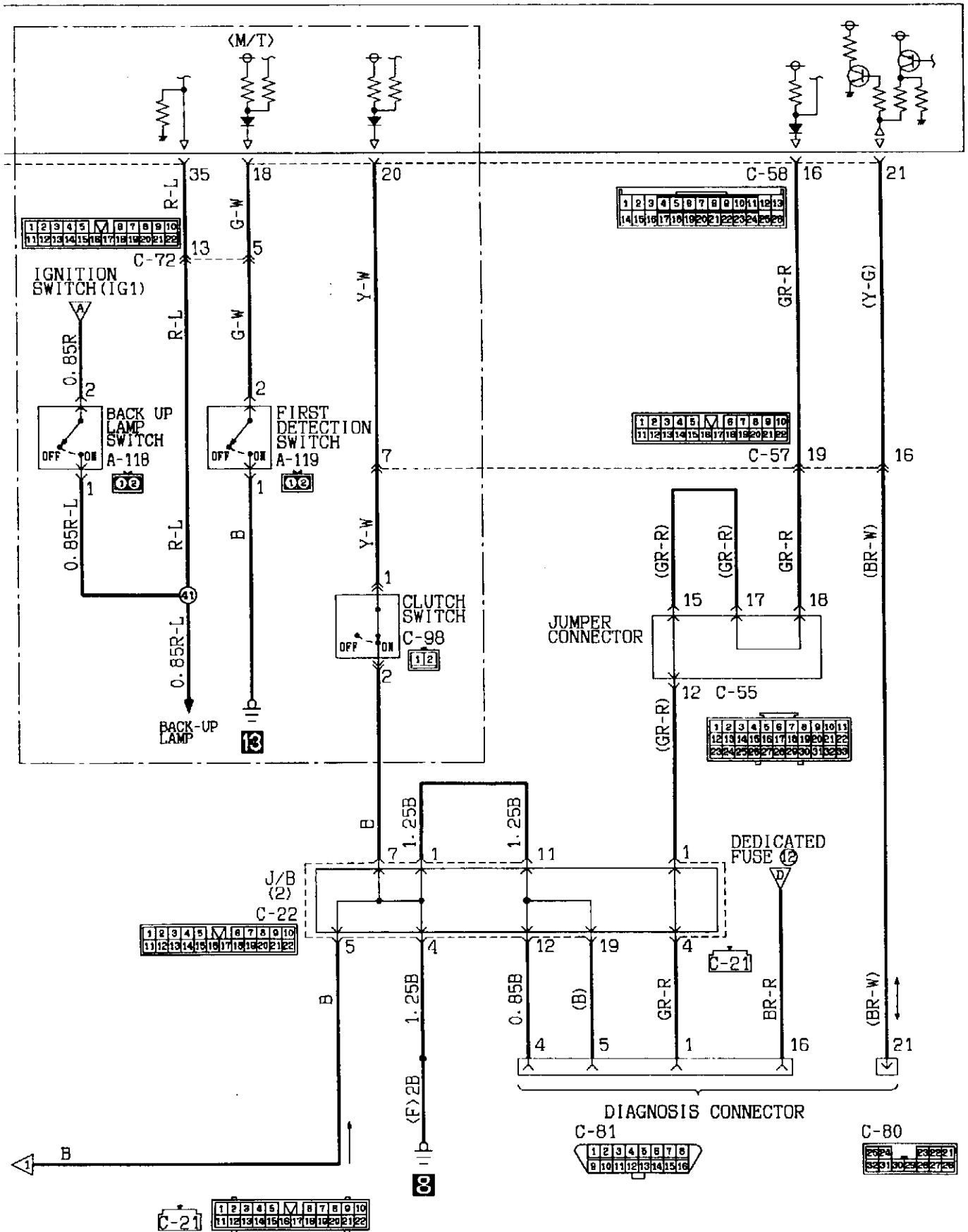


FUZZY-TRACTION CONTROL SYSTEM  
(R. H. drive vehicles) (CONTINUED)

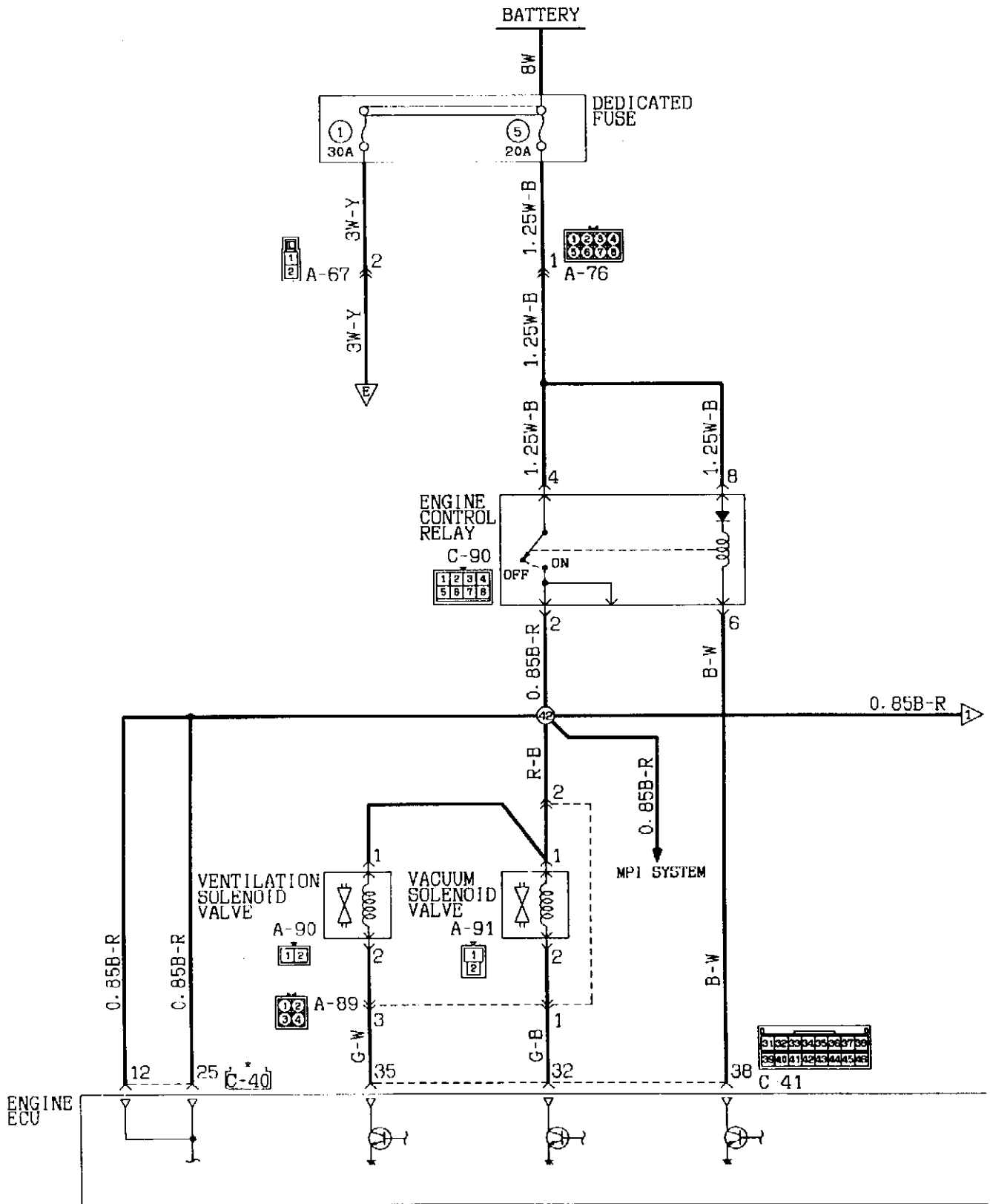


Wire colour code  
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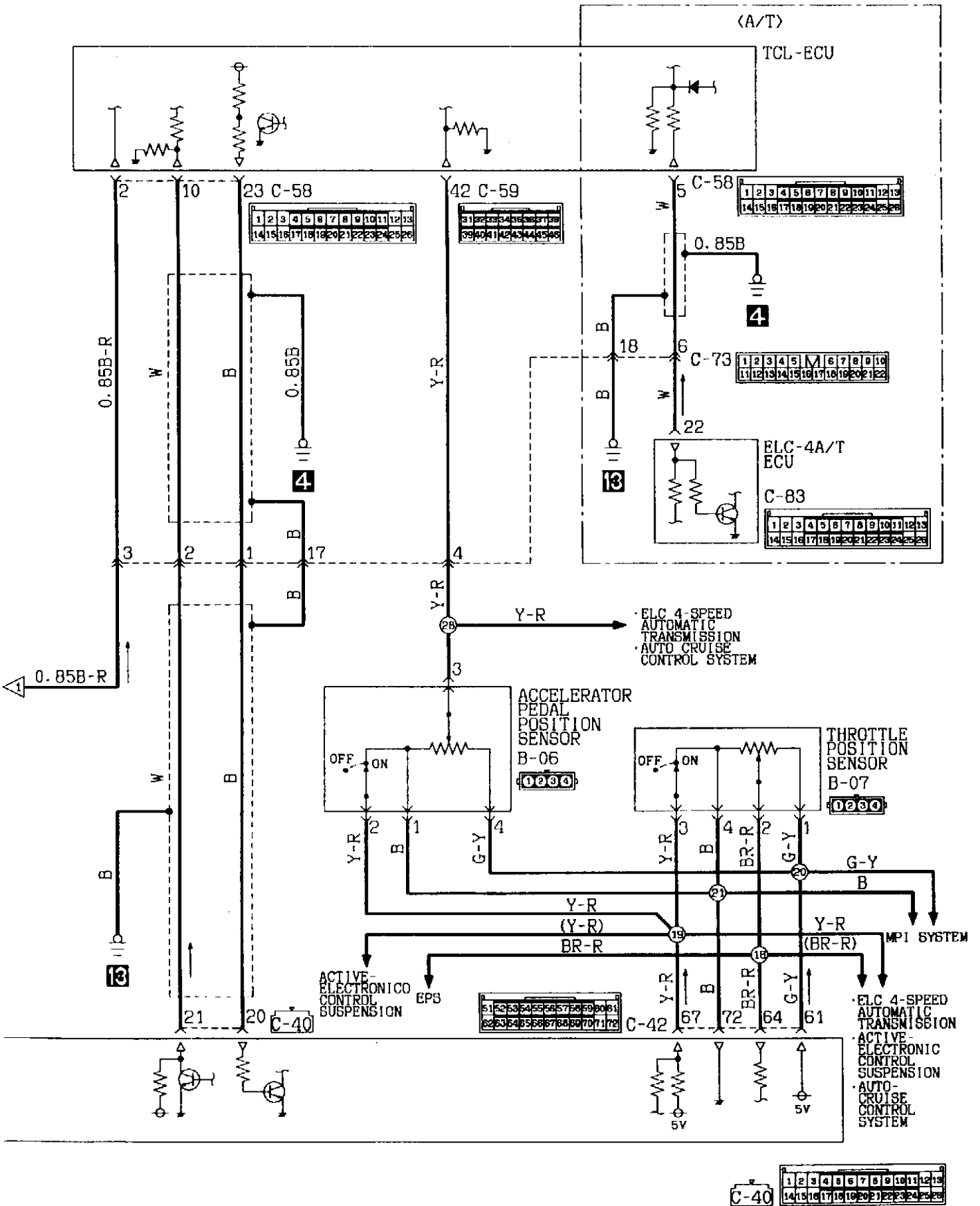
KX35-AC-F1505A-EC



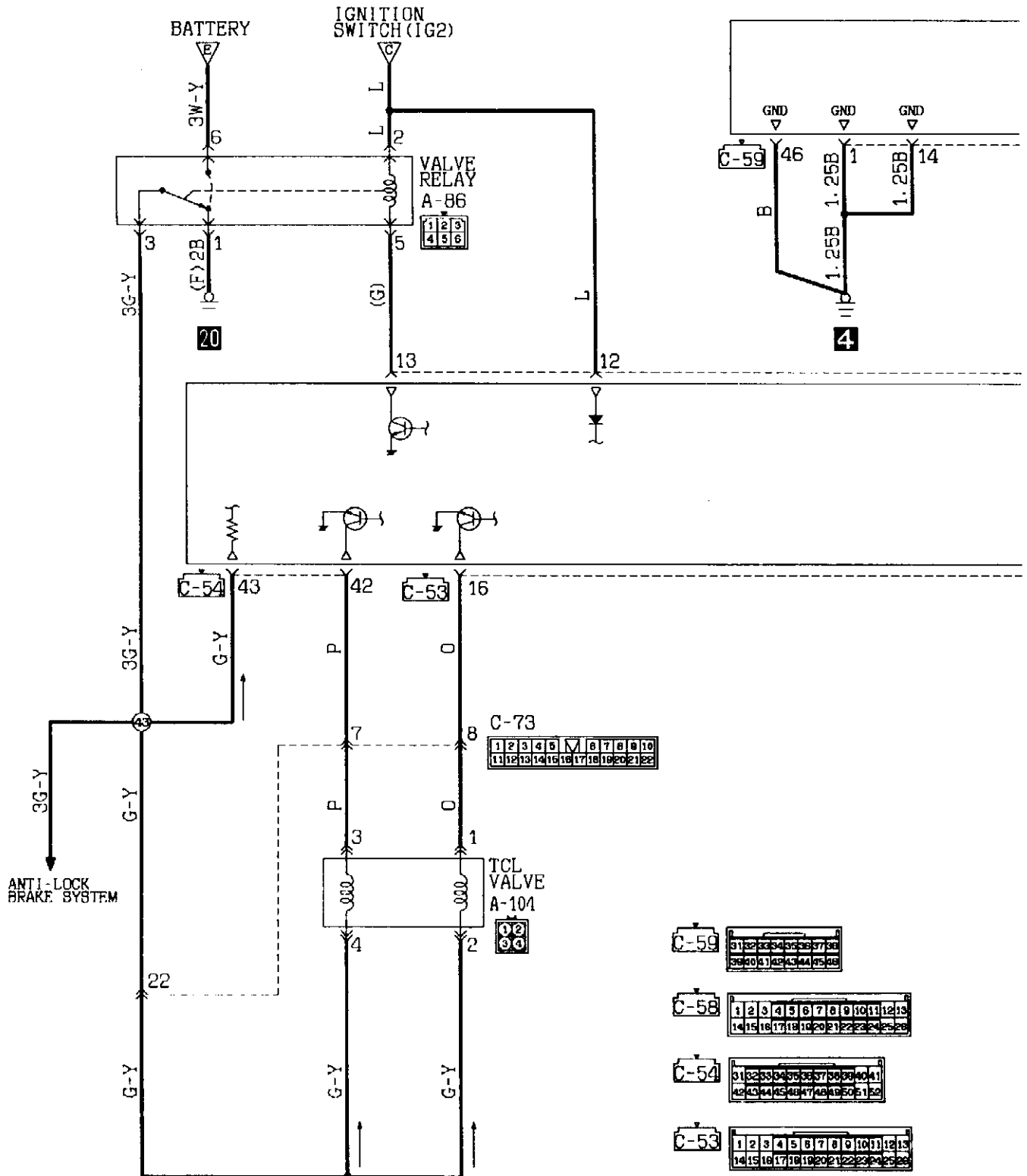
FUZZY-TRACTION CONTROL SYSTEM  
(R. H. drive vehicles)(CONTINUED)



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

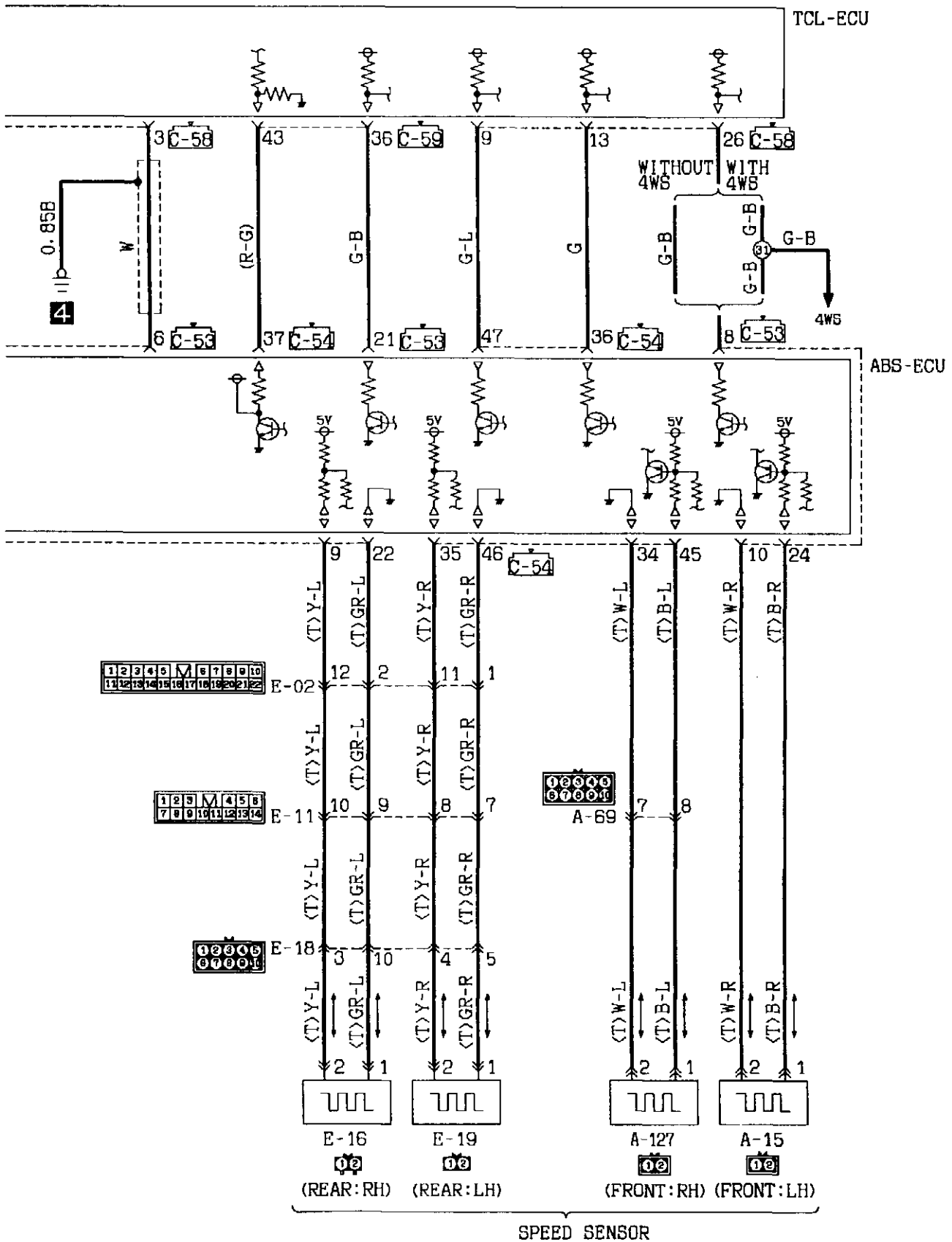


FUZZY-TRACTION CONTROL SYSTEM  
(R. H. drive vehicles)(CONTINUED)

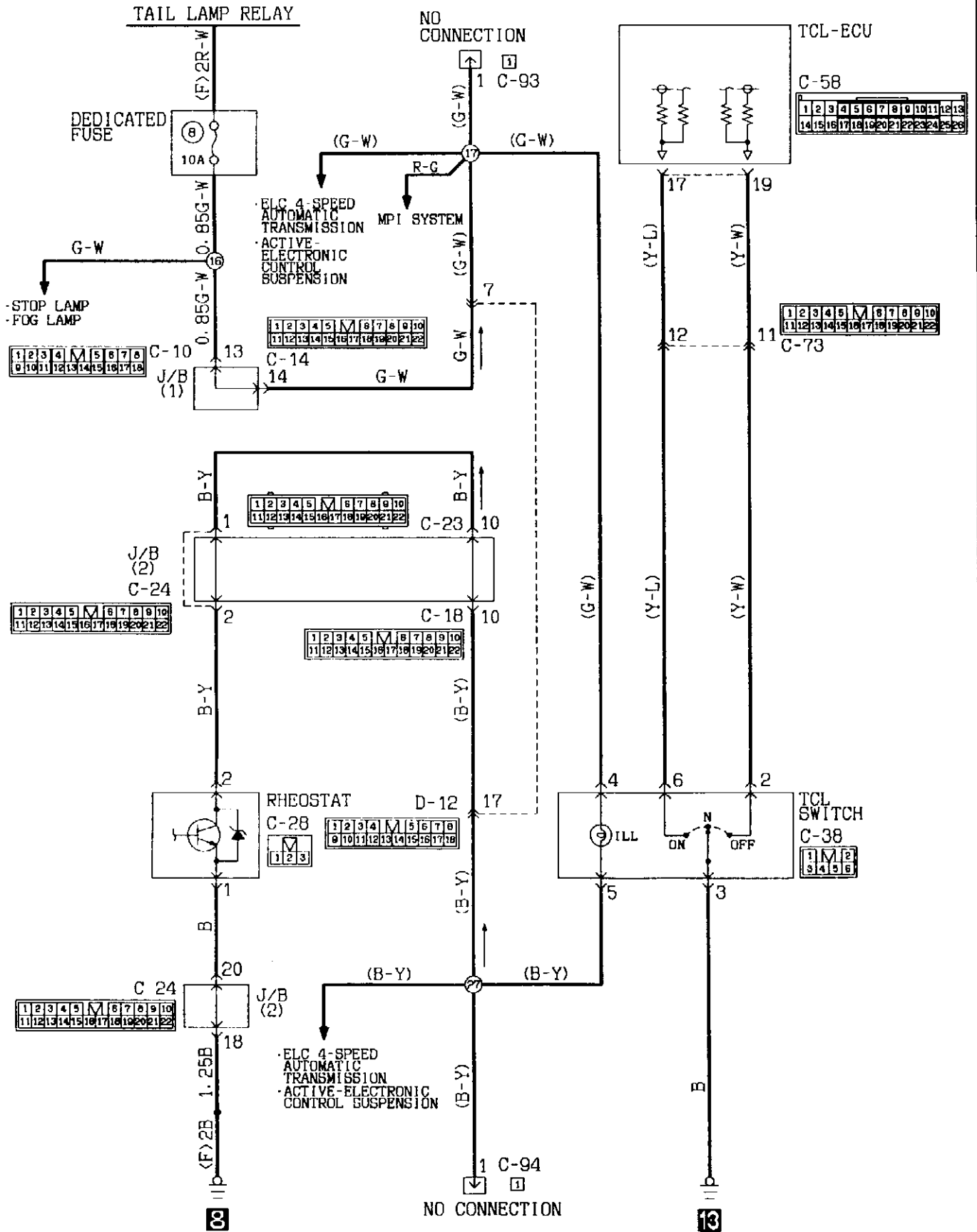


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet





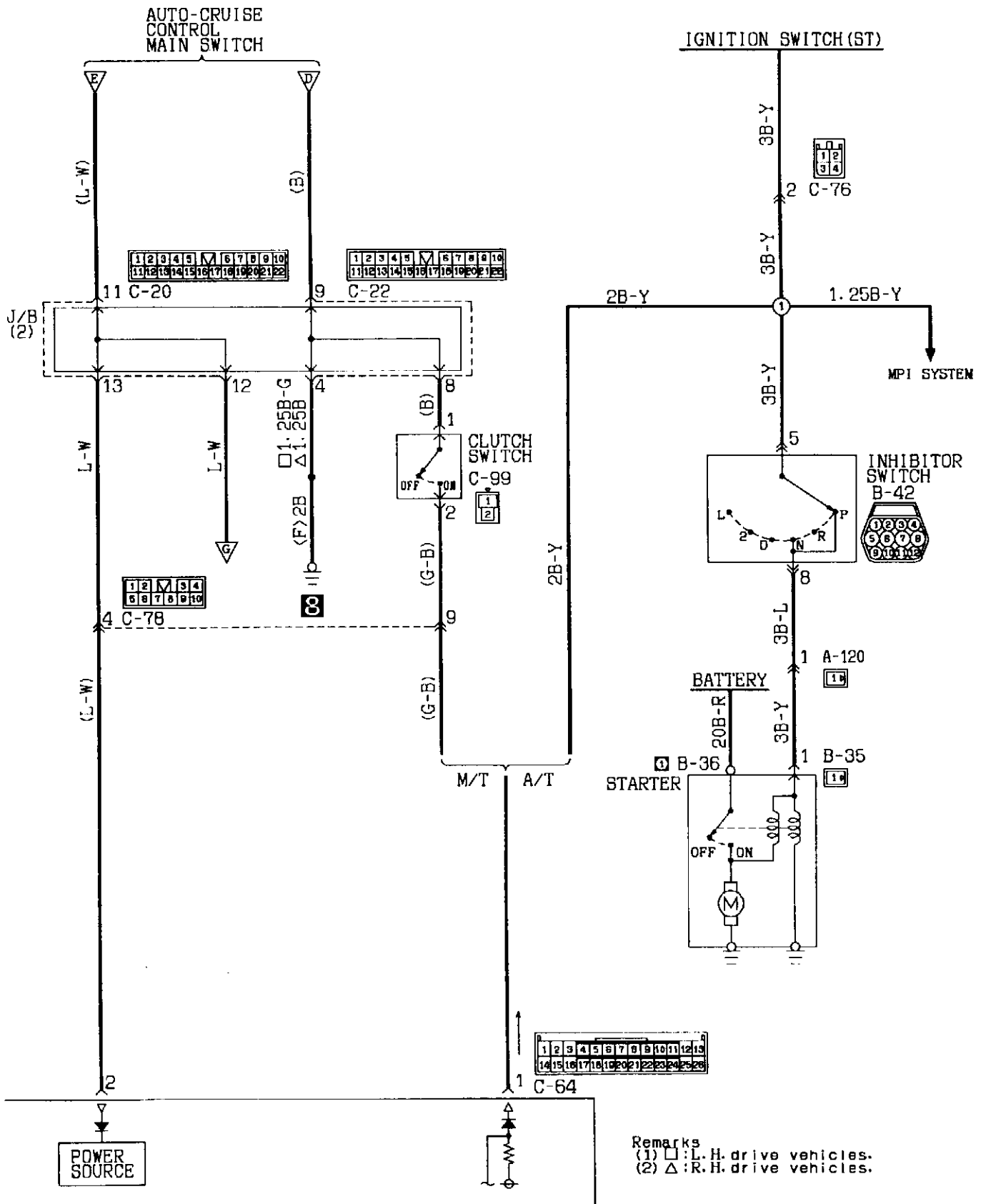
FUZZY-TRACTION CONTROL SYSTEM  
(R. H. drive vehicles) (CONTINUED)



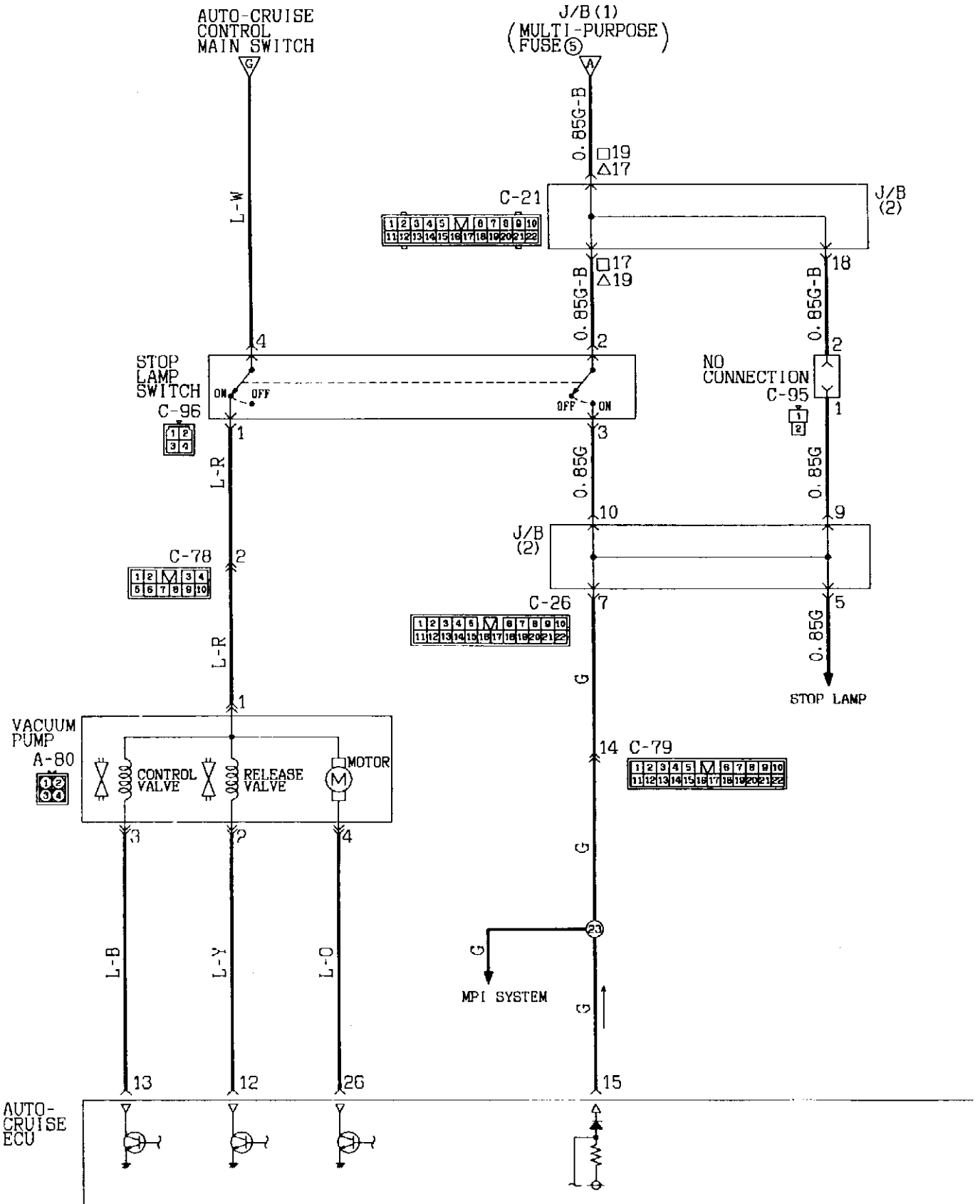
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**NOTES**

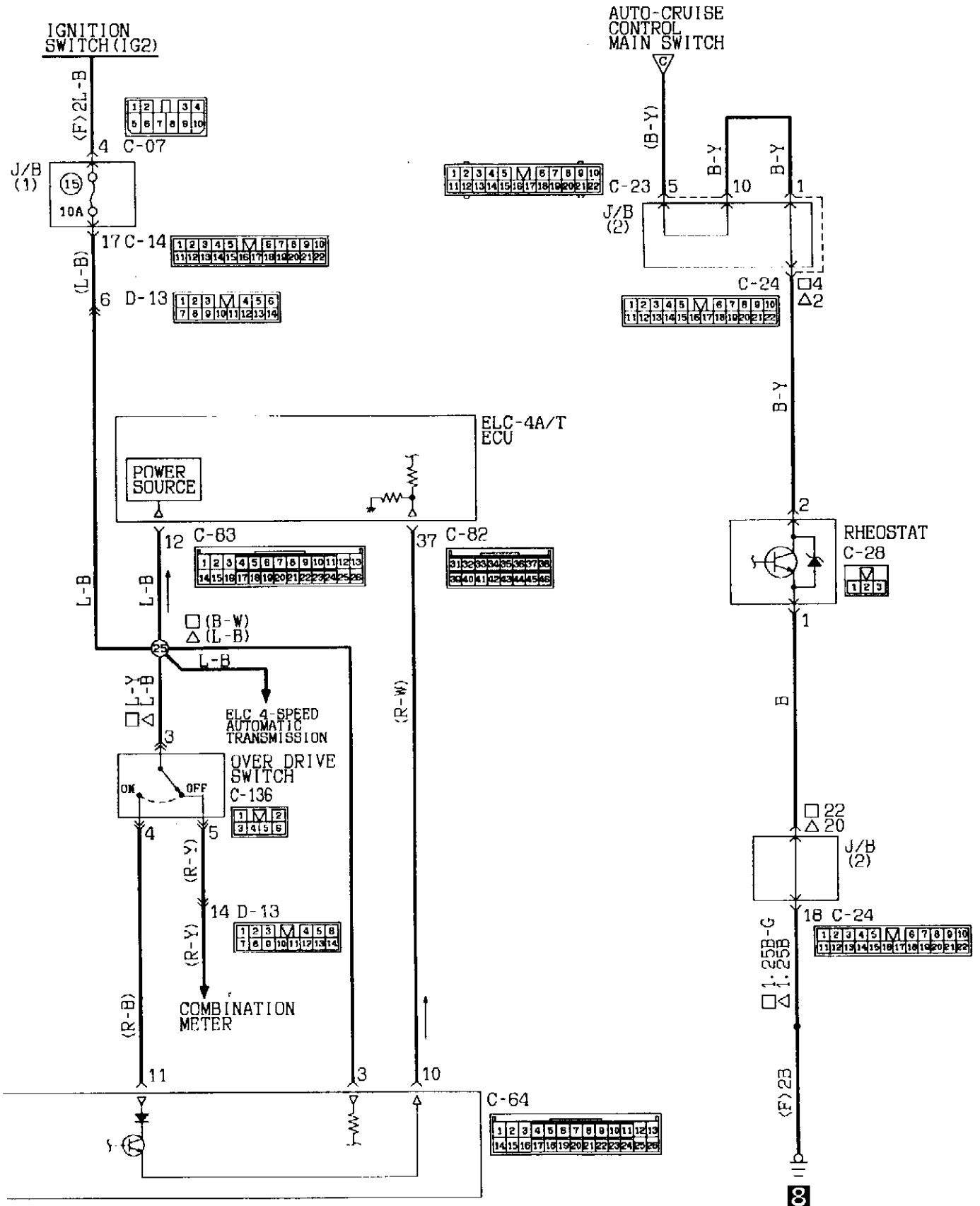




AUTO-CRUISE CONTROL SYSTEM <SOHC> (CONTINUED)

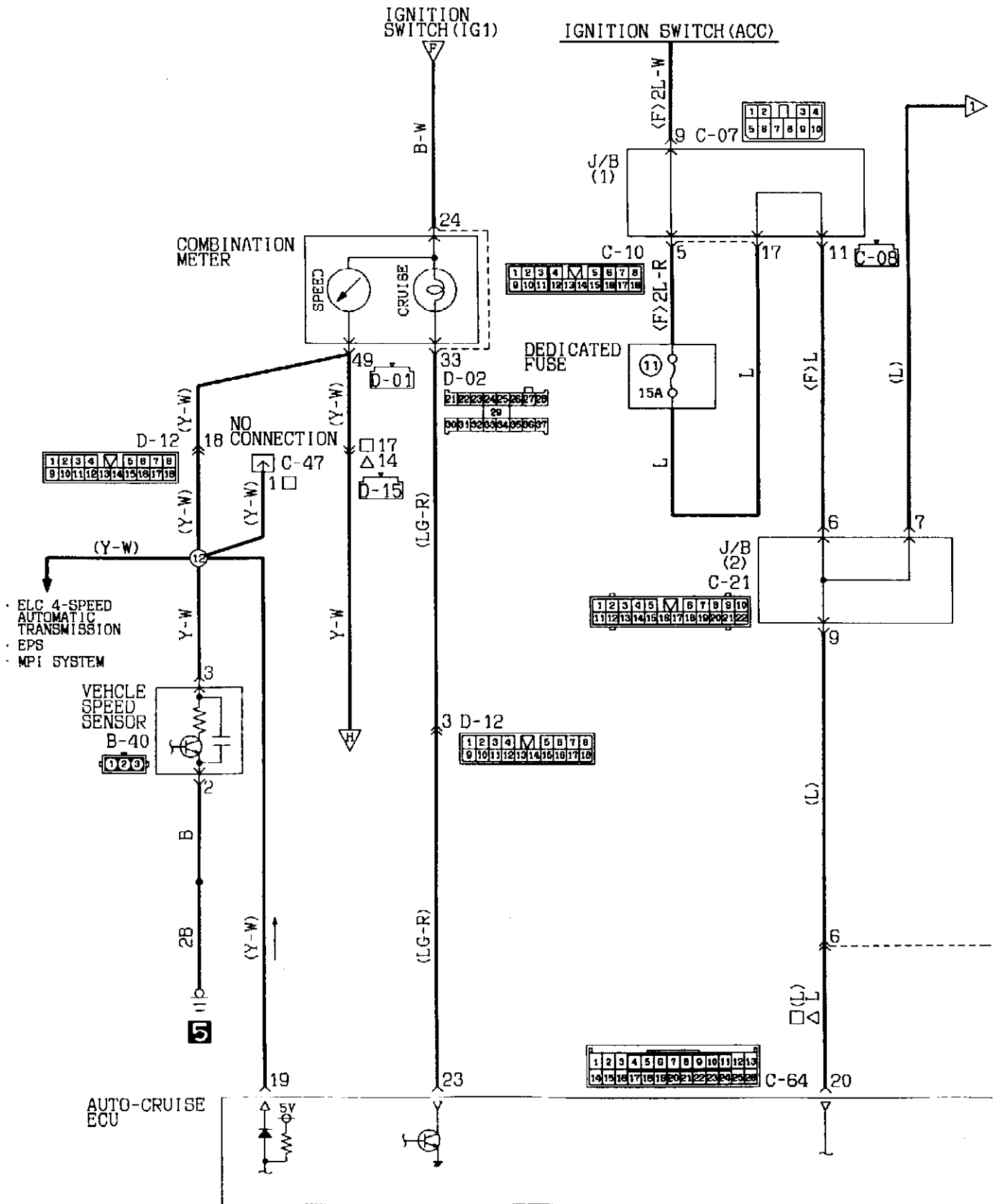


Wire colour code  
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow BB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.

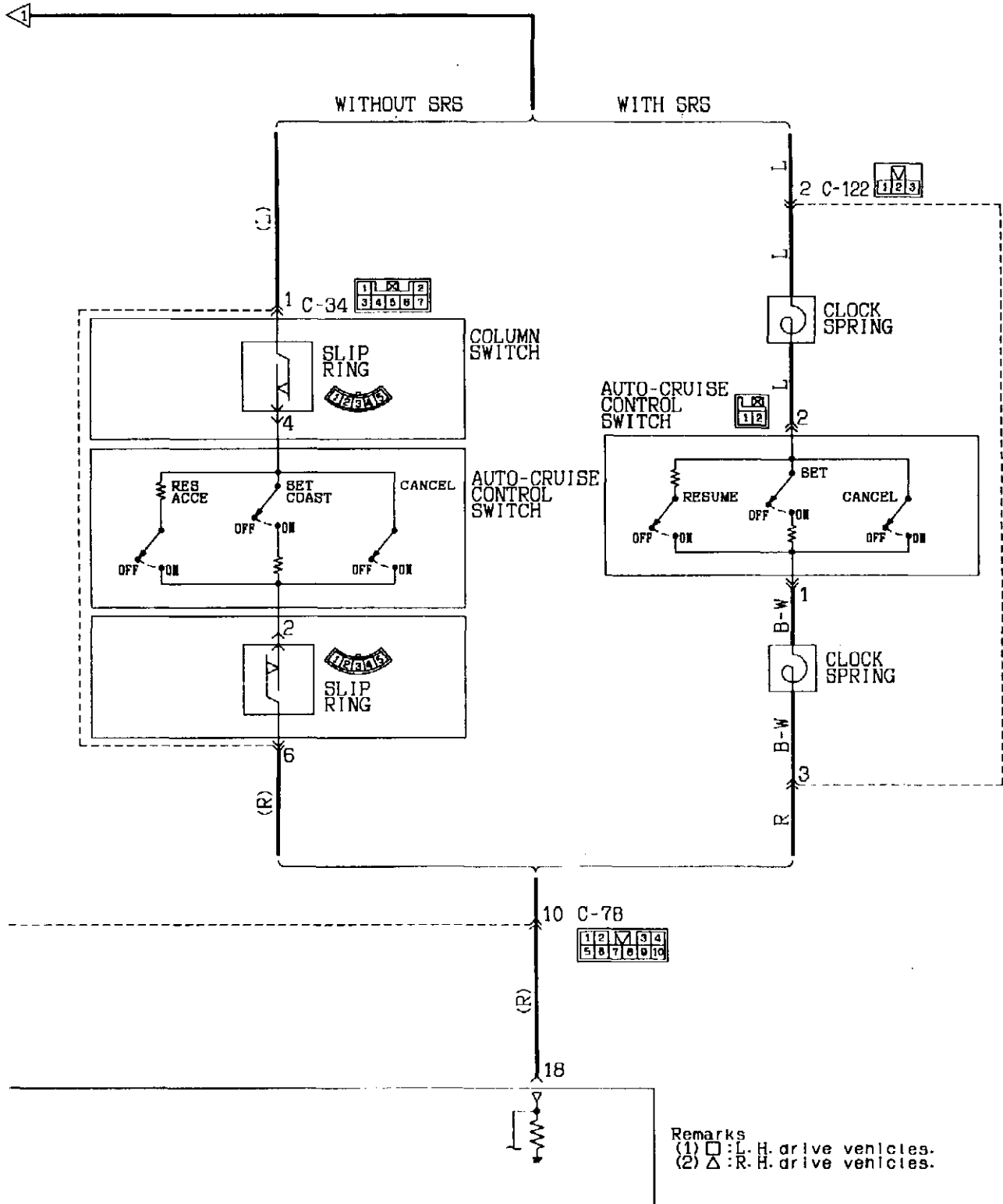
AUTO-CRUISE CONTROL SYSTEM <SOHC> (CONTINUED)



KX35-AC-F1525B-EC

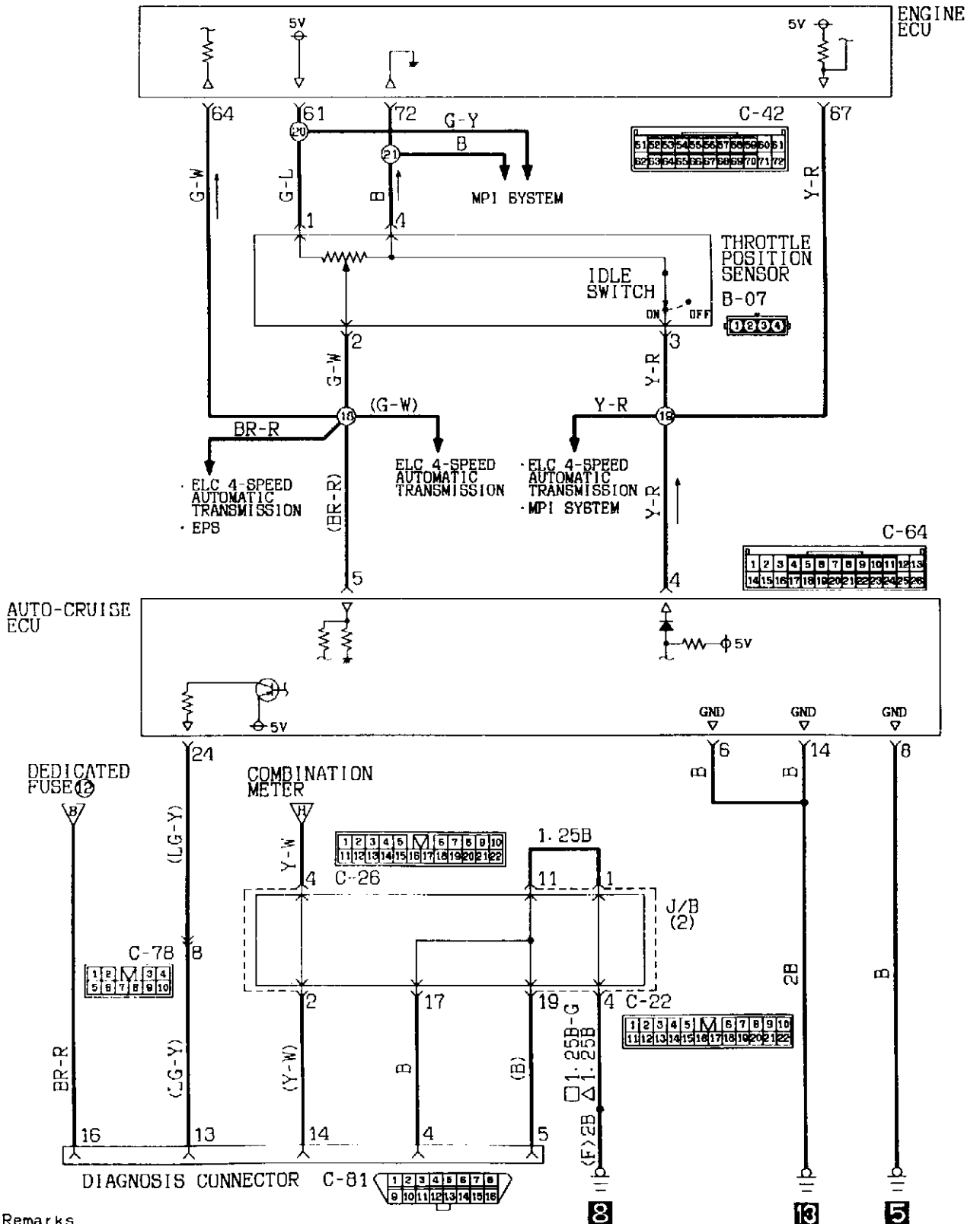






Wire colour code  
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

AUTO-CRUISE CONTROL SYSTEM <SOHC> (CONTINUED)

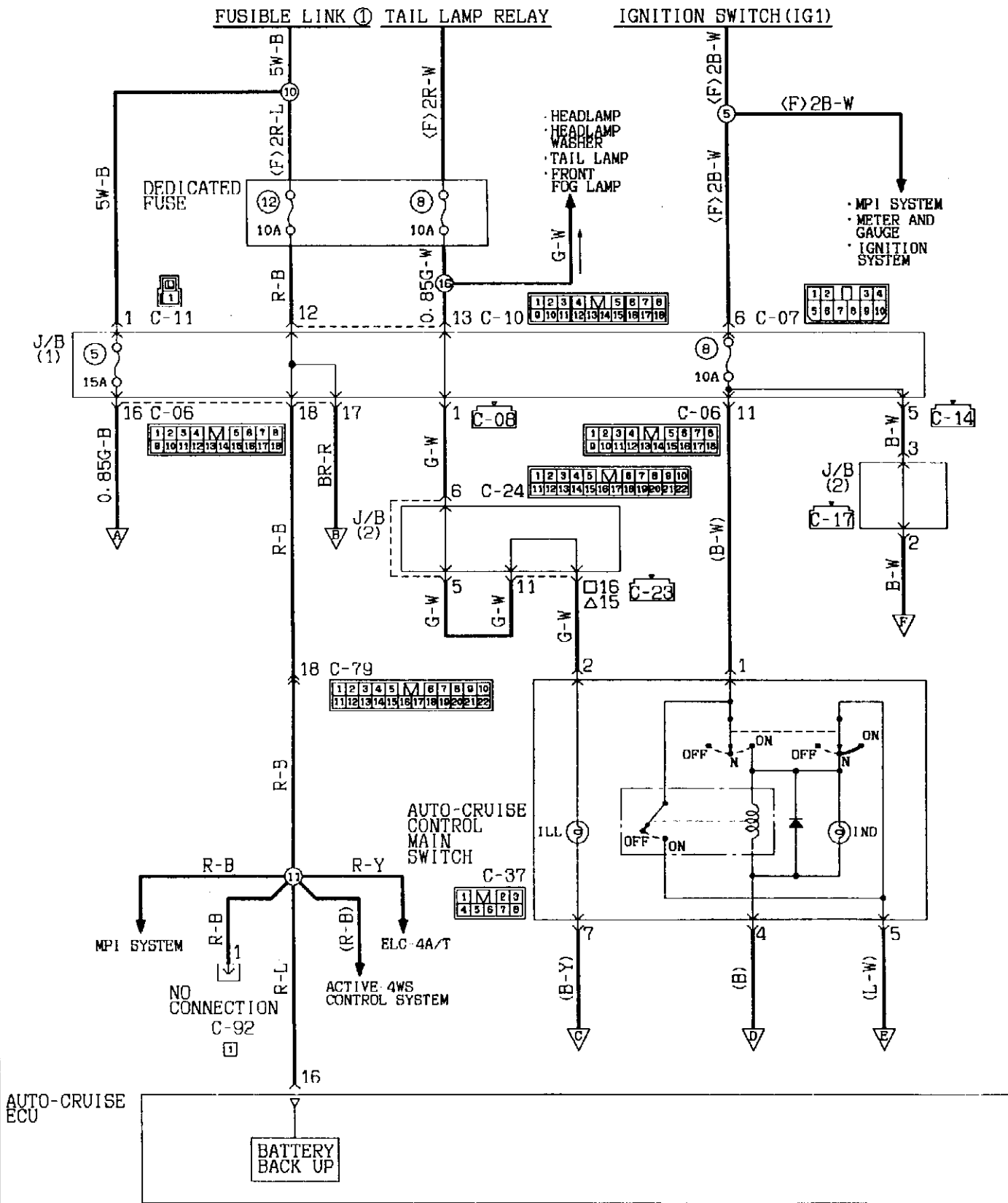


Remarks  
 (1) □: L. H. drive vehicles.  
 (2) △: R. H. drive vehicles.

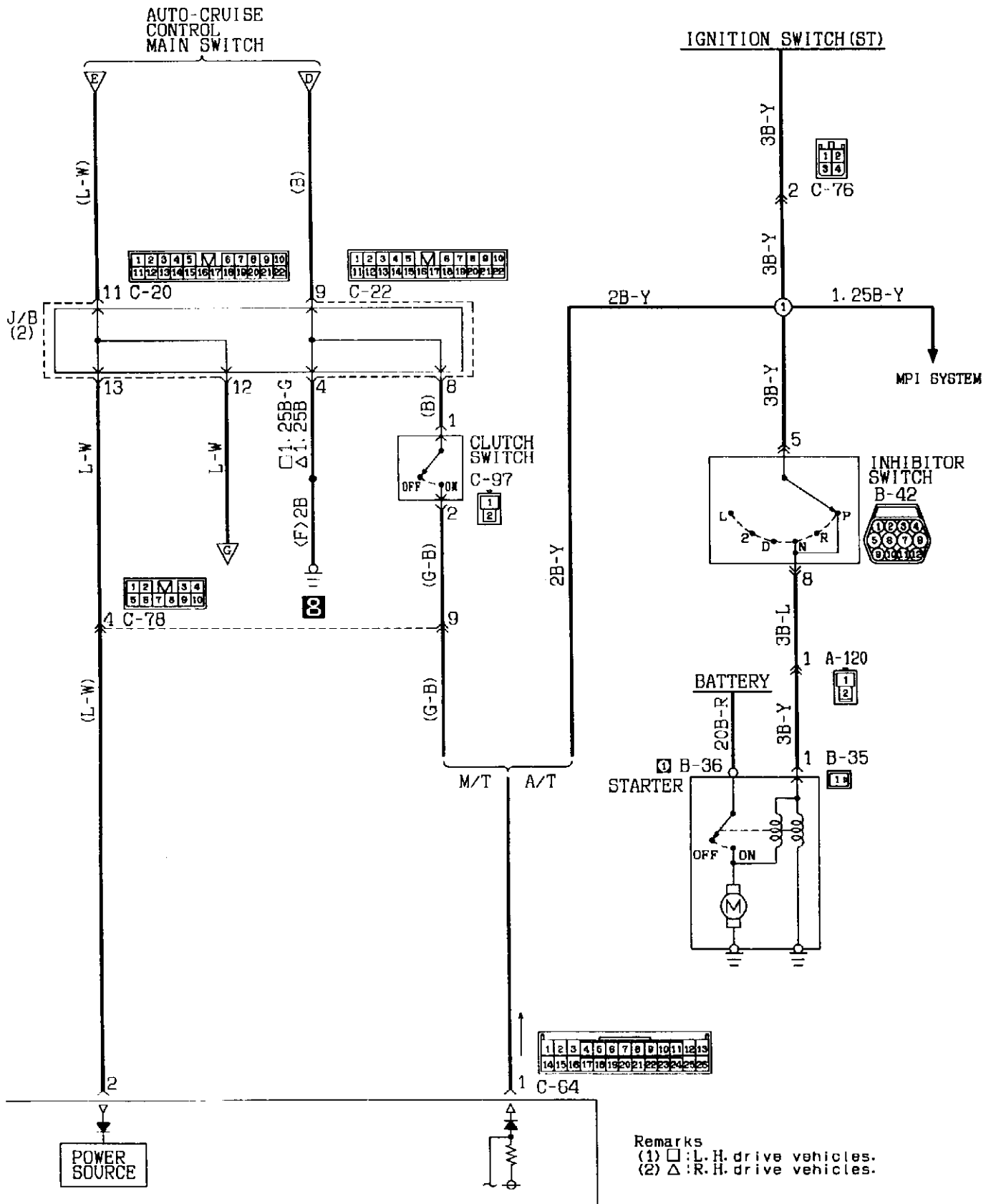
Wire colour code  
 B: Black LG: Light green G: Green L: Blue W: White Y: Yellow SB: Sky blue  
 BR: Brown O: Orange GR: Gray R: Red P: Pink V: Violet

**NOTES**

# AUTO-CRUISE CONTROL SYSTEM DOHC

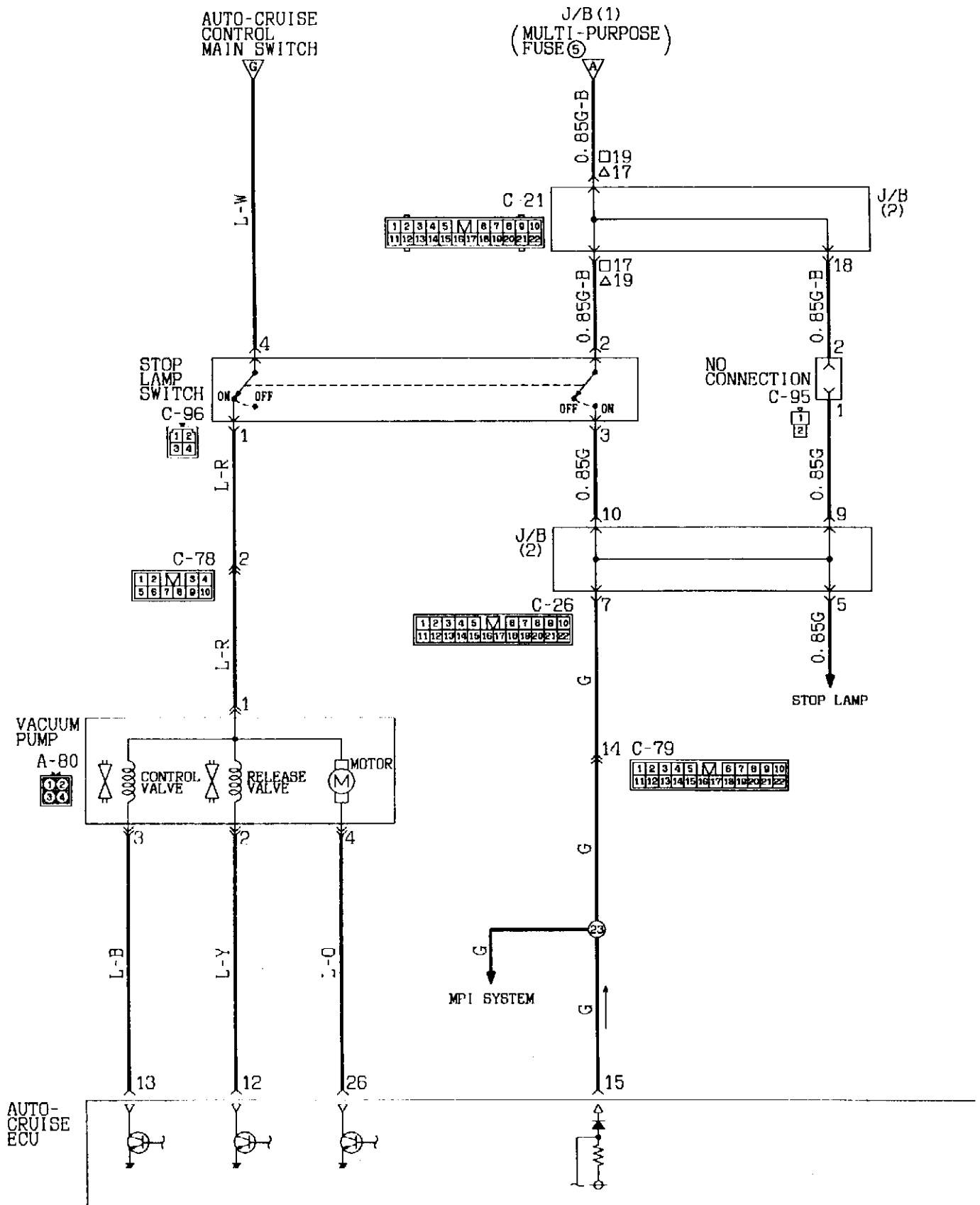


KX35-AC-F1524-EC



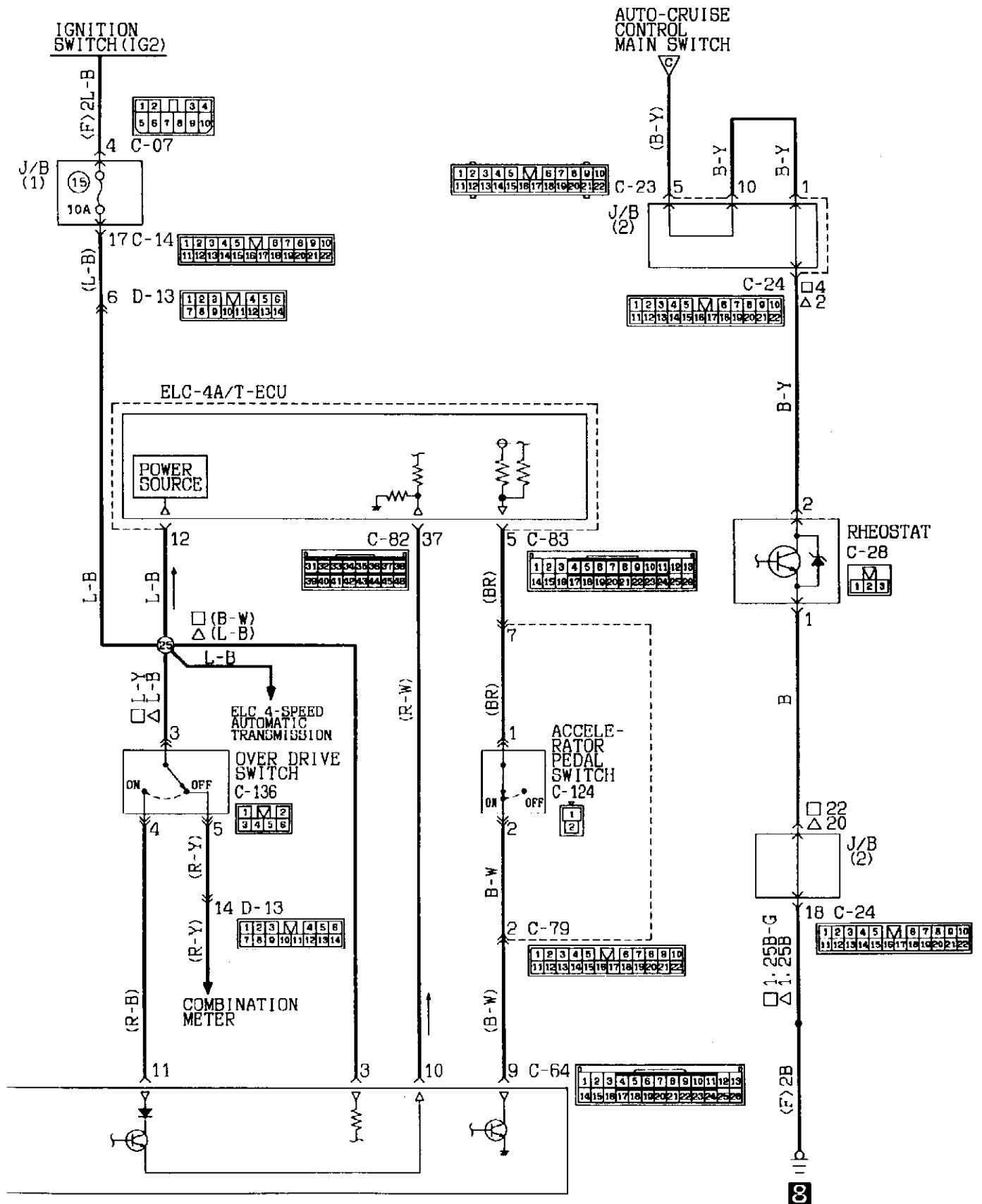
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow BB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

AUTO-CRUISE CONTROL SYSTEM <DOHC> (CONTINUED)



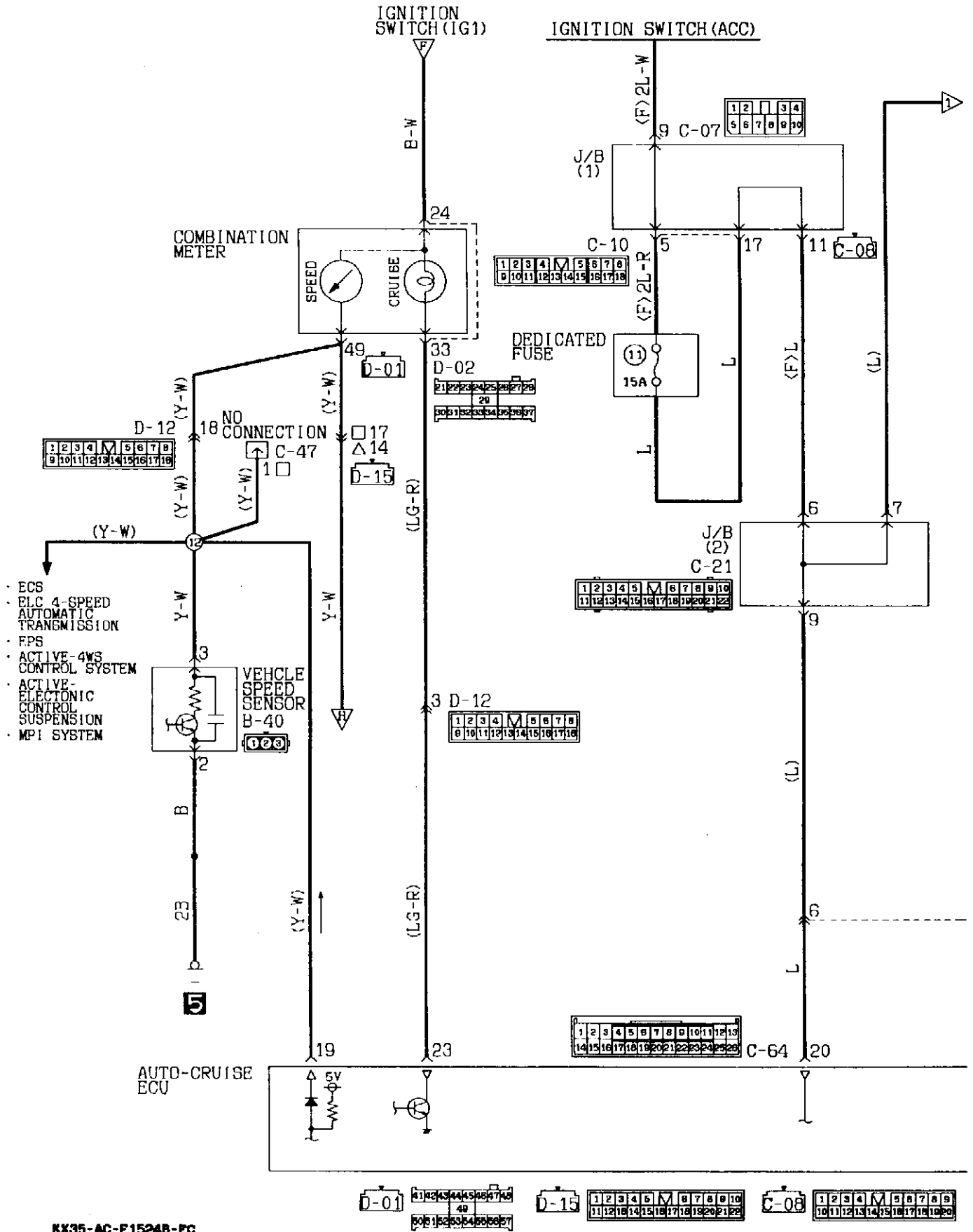
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F1524A-EC



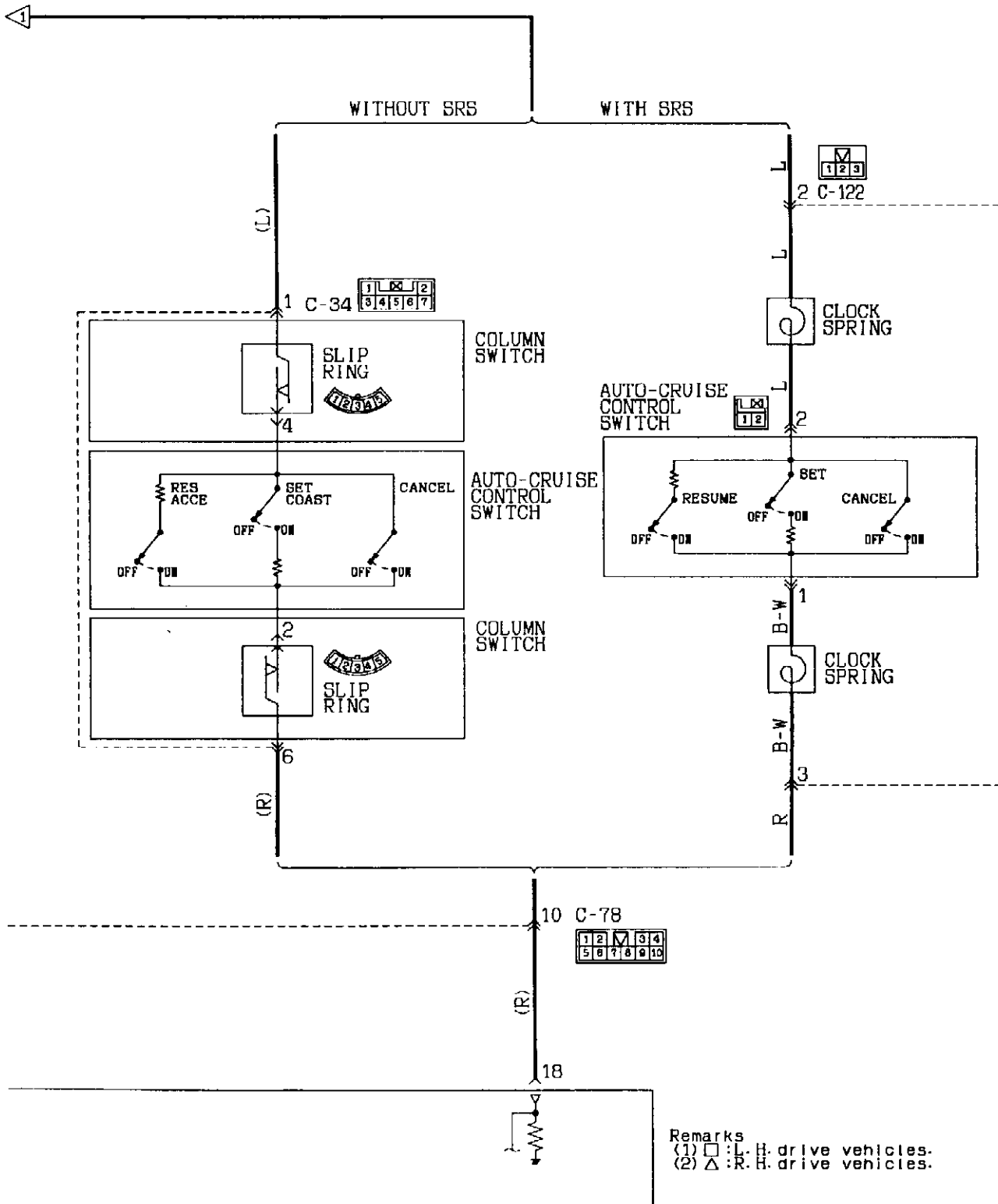
Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.

AUTO-CRUISE CONTROL SYSTEM <DOHC> (CONTINUED)



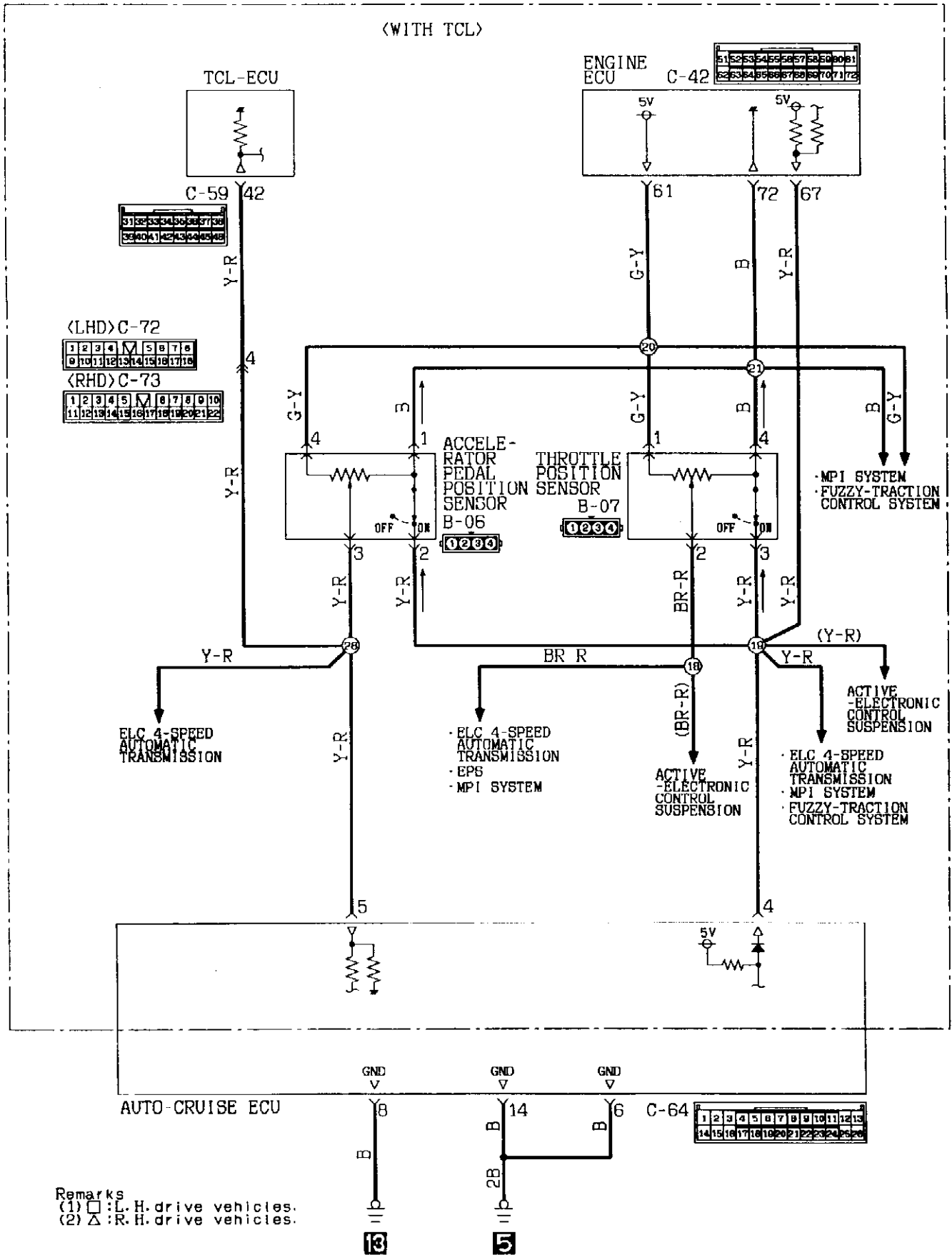
KX35-AC-F1524B-EC



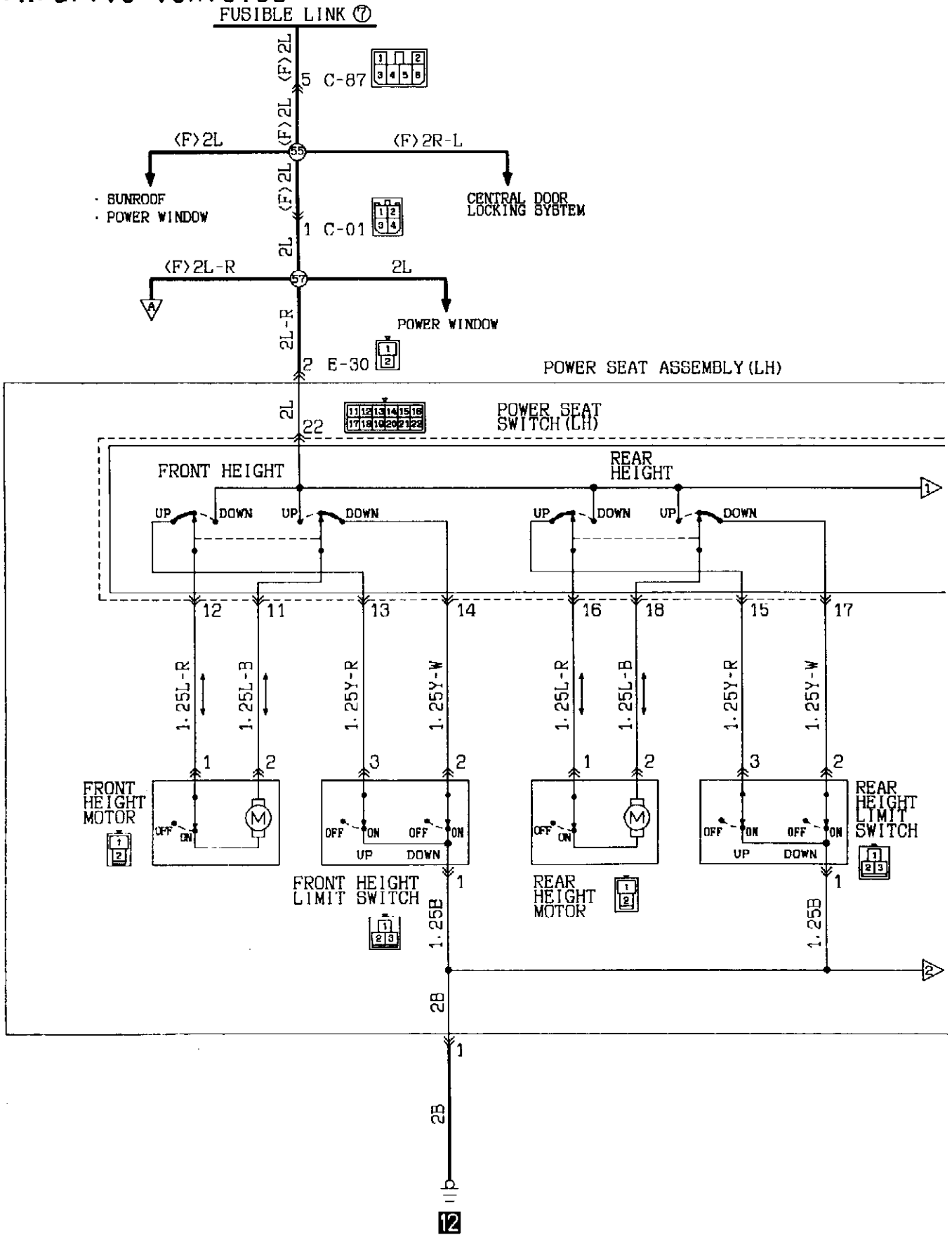


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

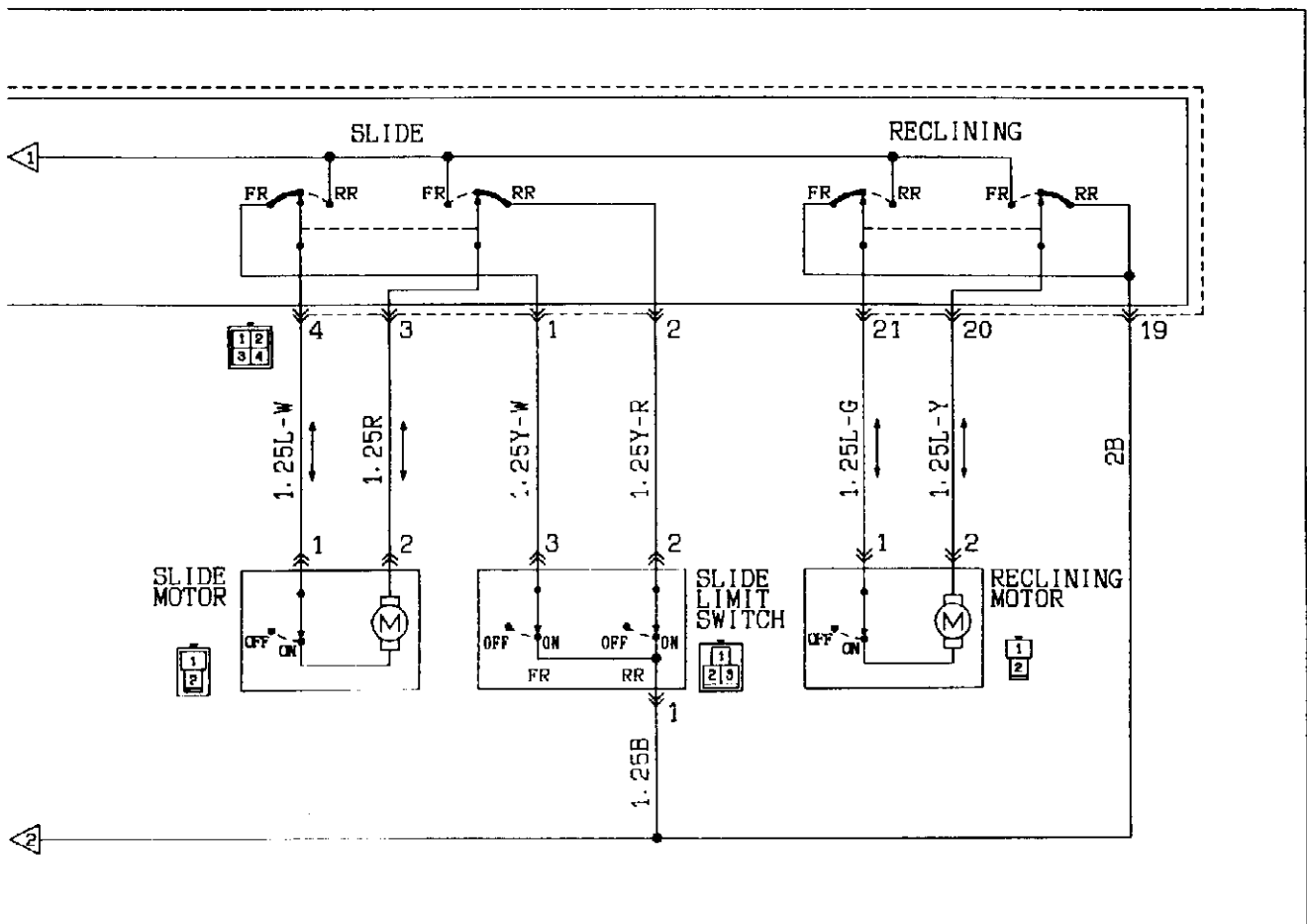




**POWER SEAT**  
L.H. drive vehicles

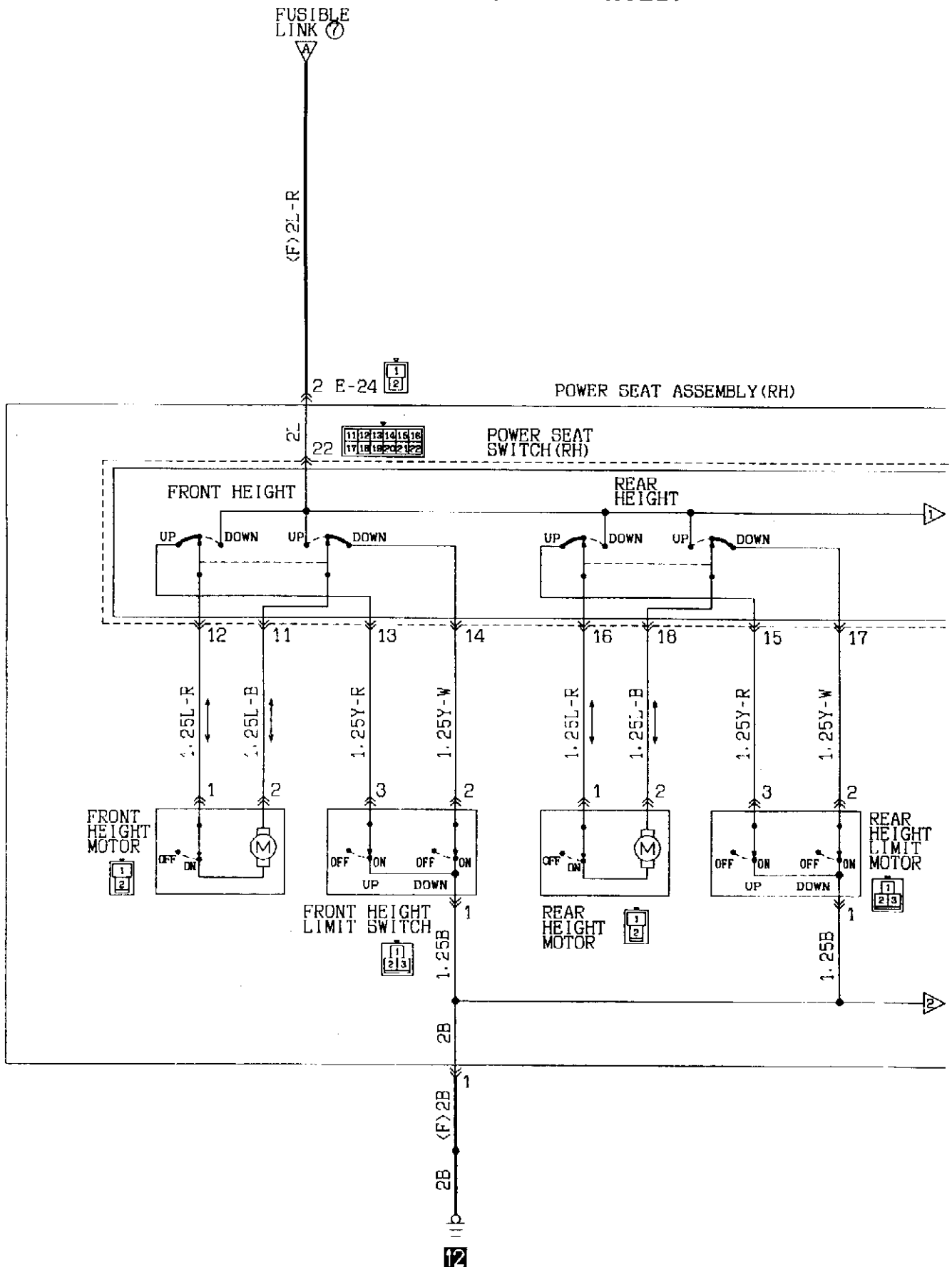


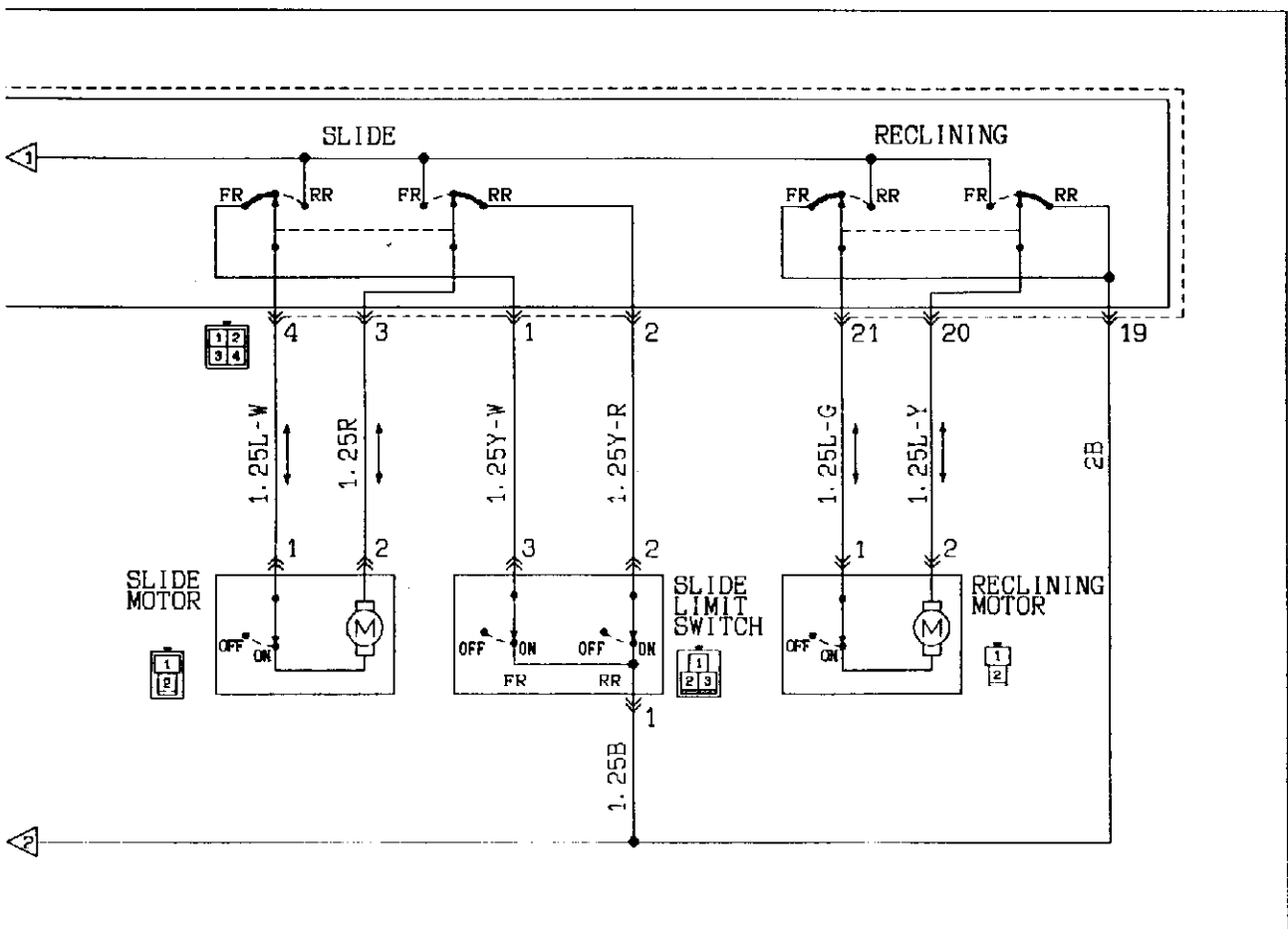
KX35-AC-F1507-EC



Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

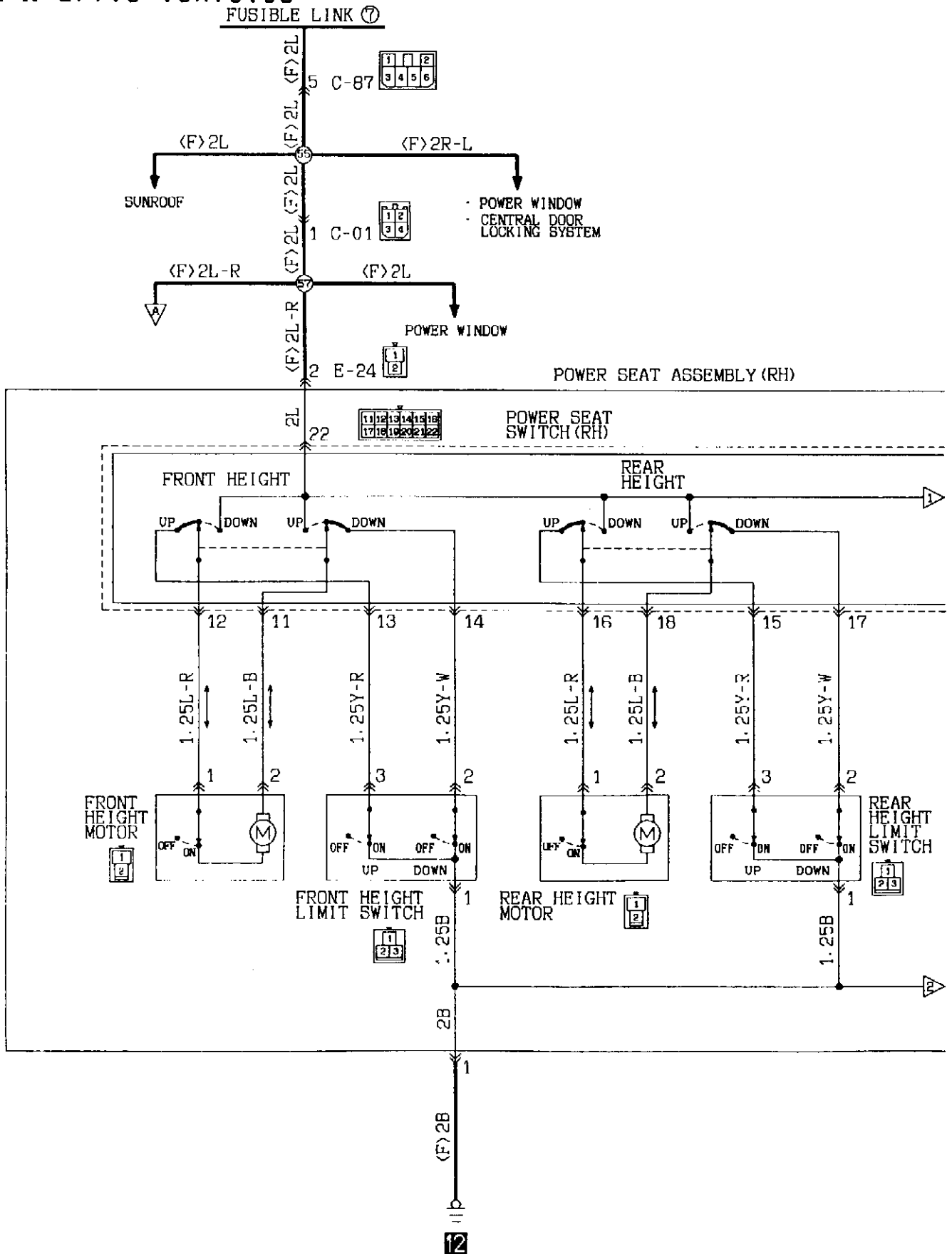
POWER SEAT (L. H. drive vehicles) (CONTINUED)





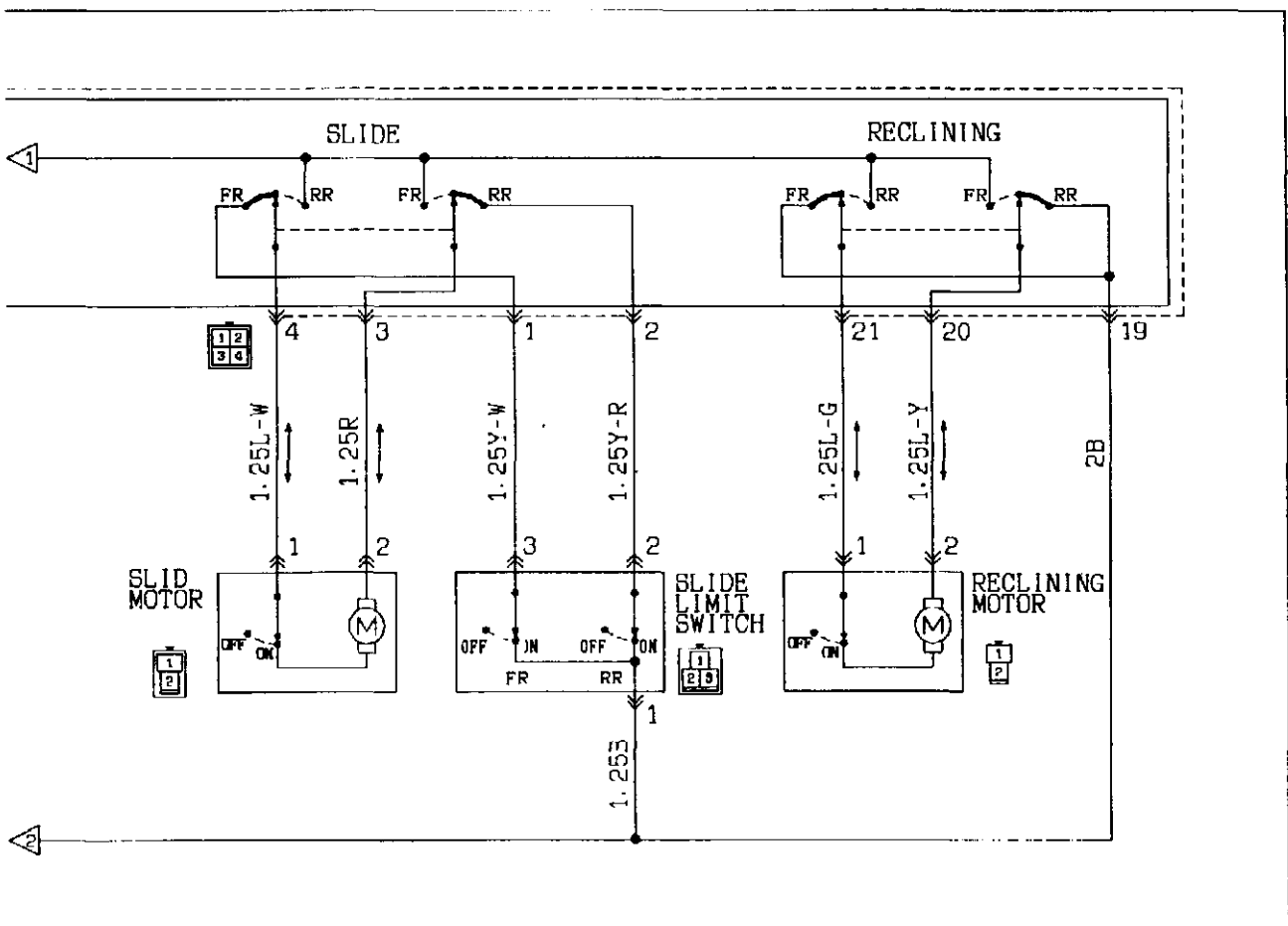
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

**POWER SEAT**  
R. H. drive vehicles



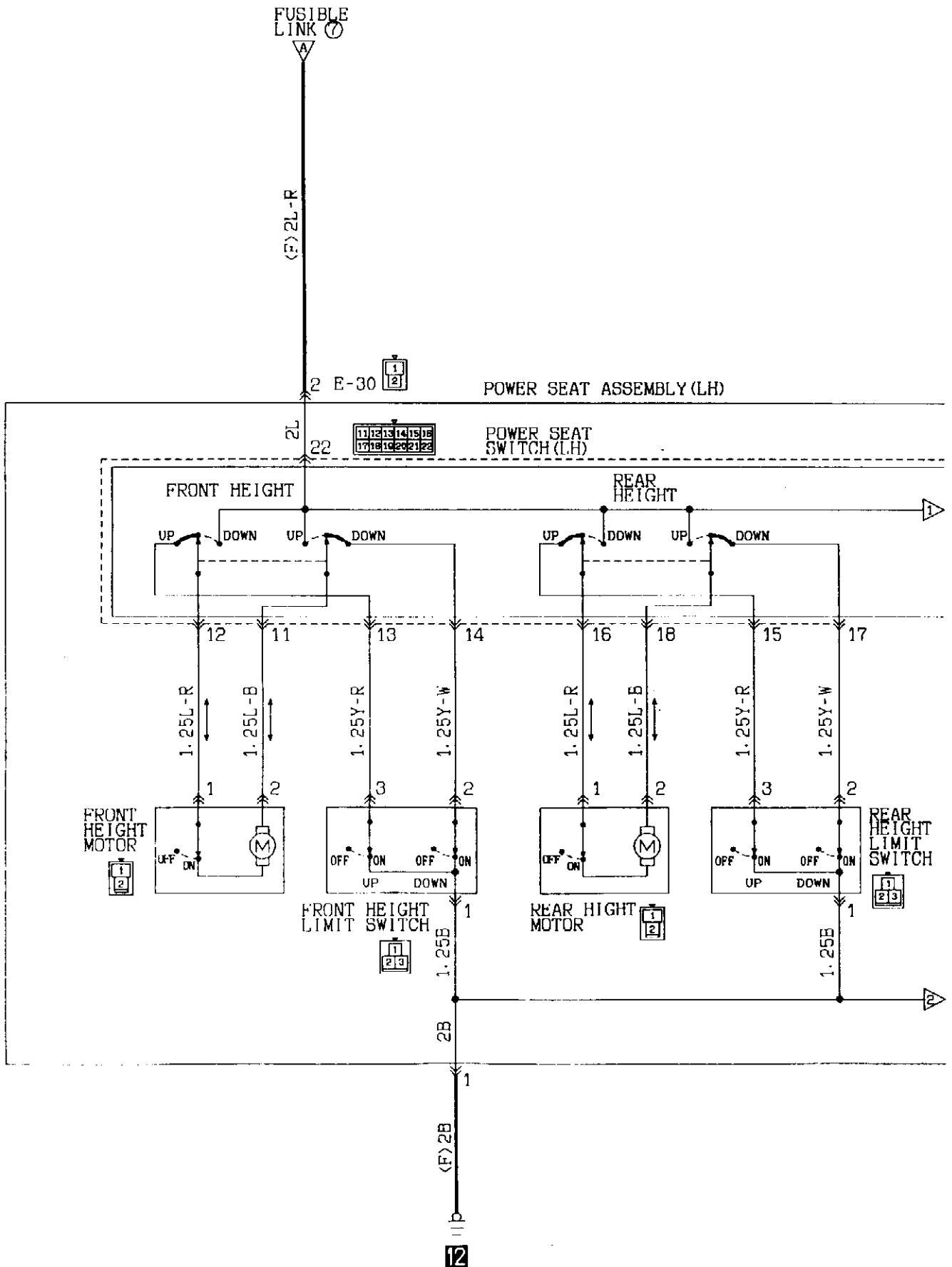
KX35-AC-F1508-EC

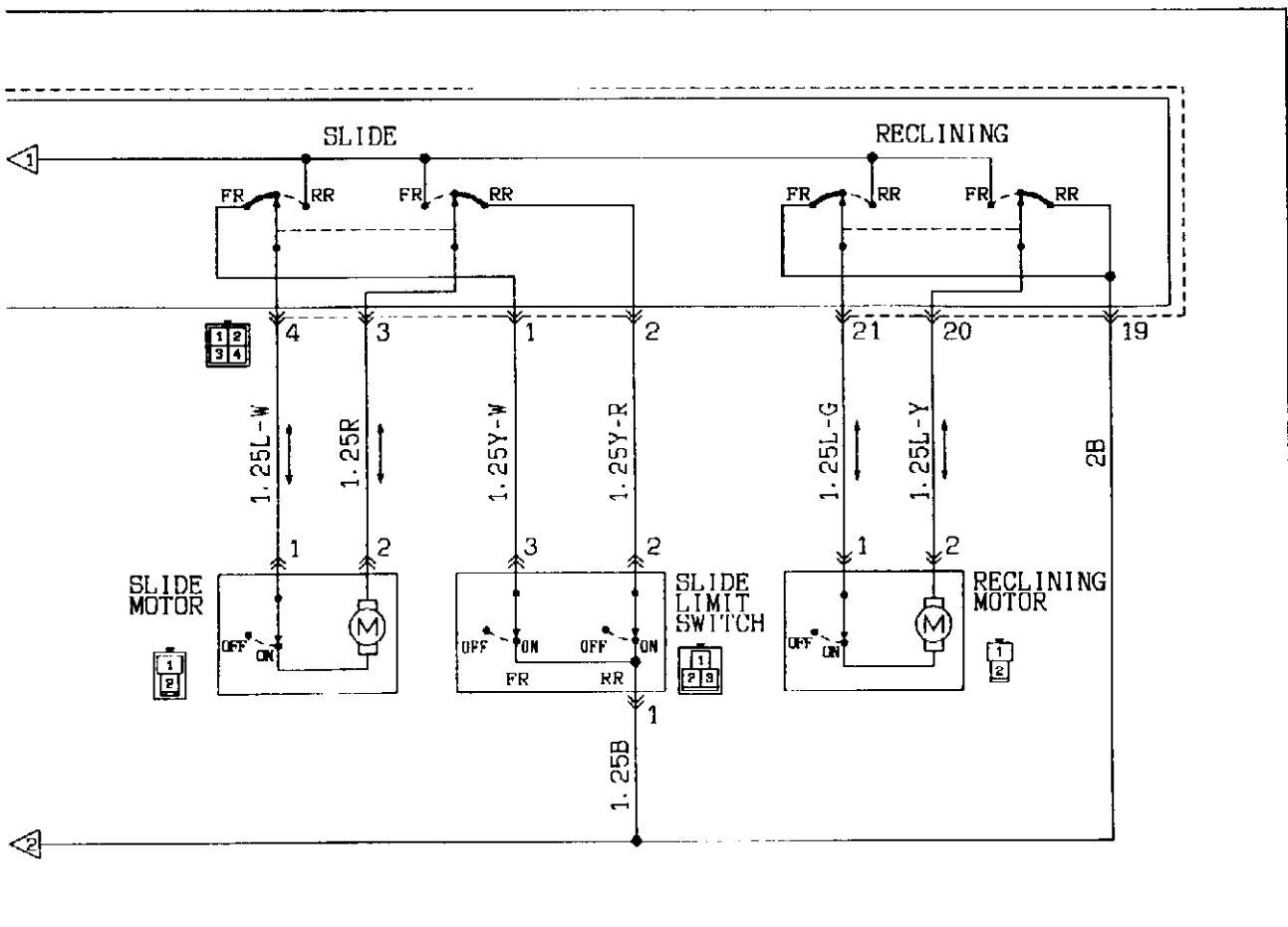




Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

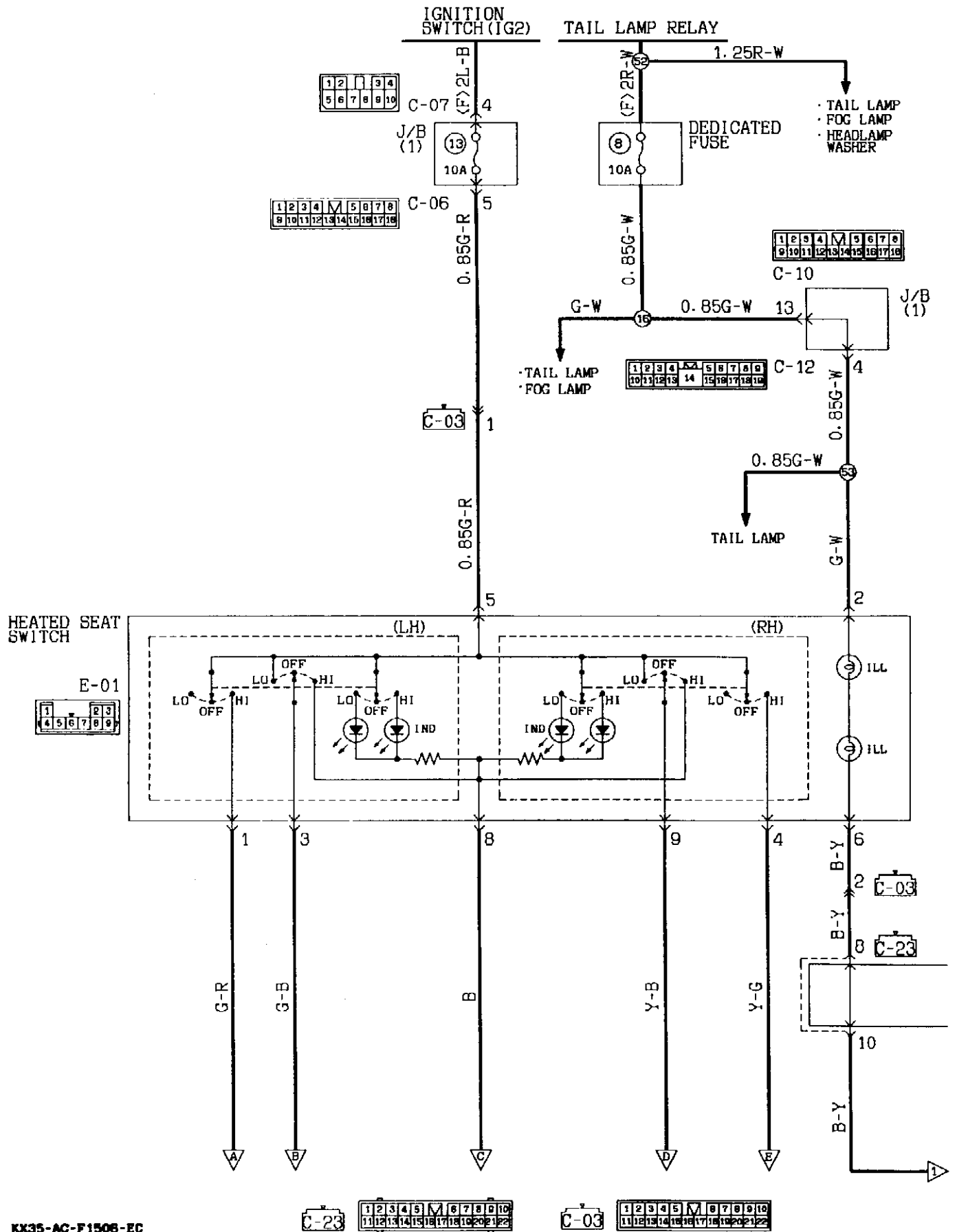
POWER SEAT (R. H. drive vehicles) (CONTINUED)





Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

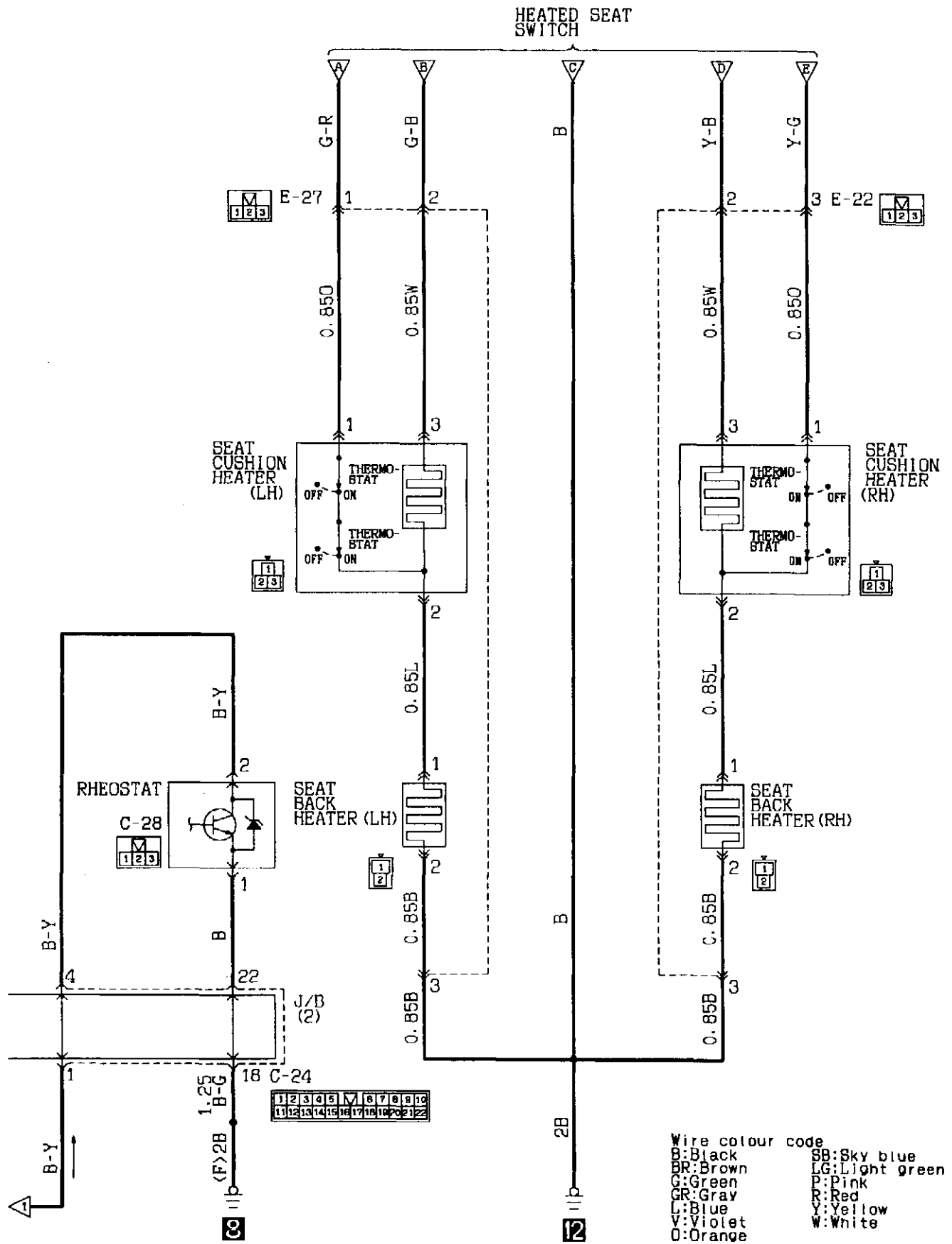
HEATED SEAT



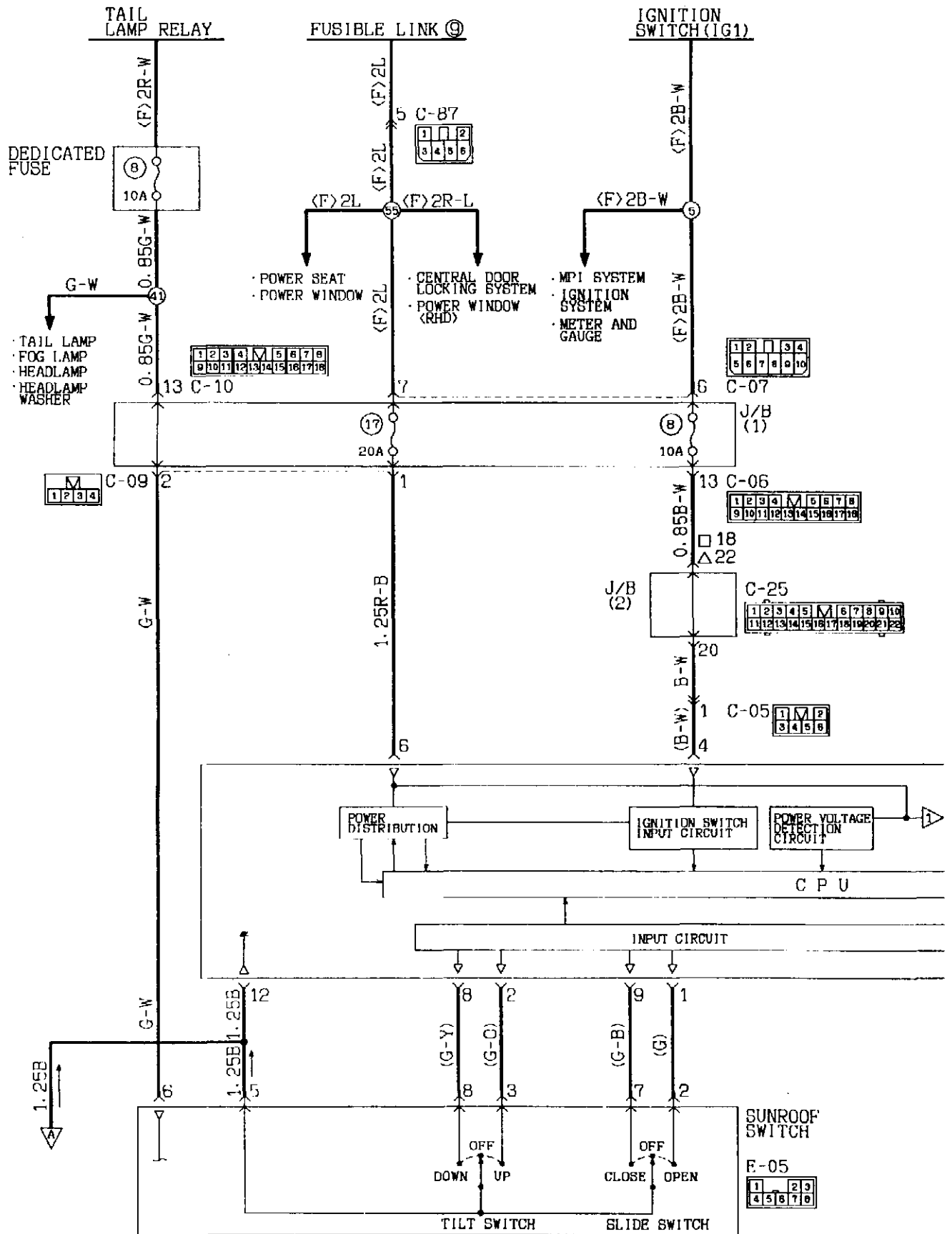
KX35-AC-F1506-EC

C-23 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

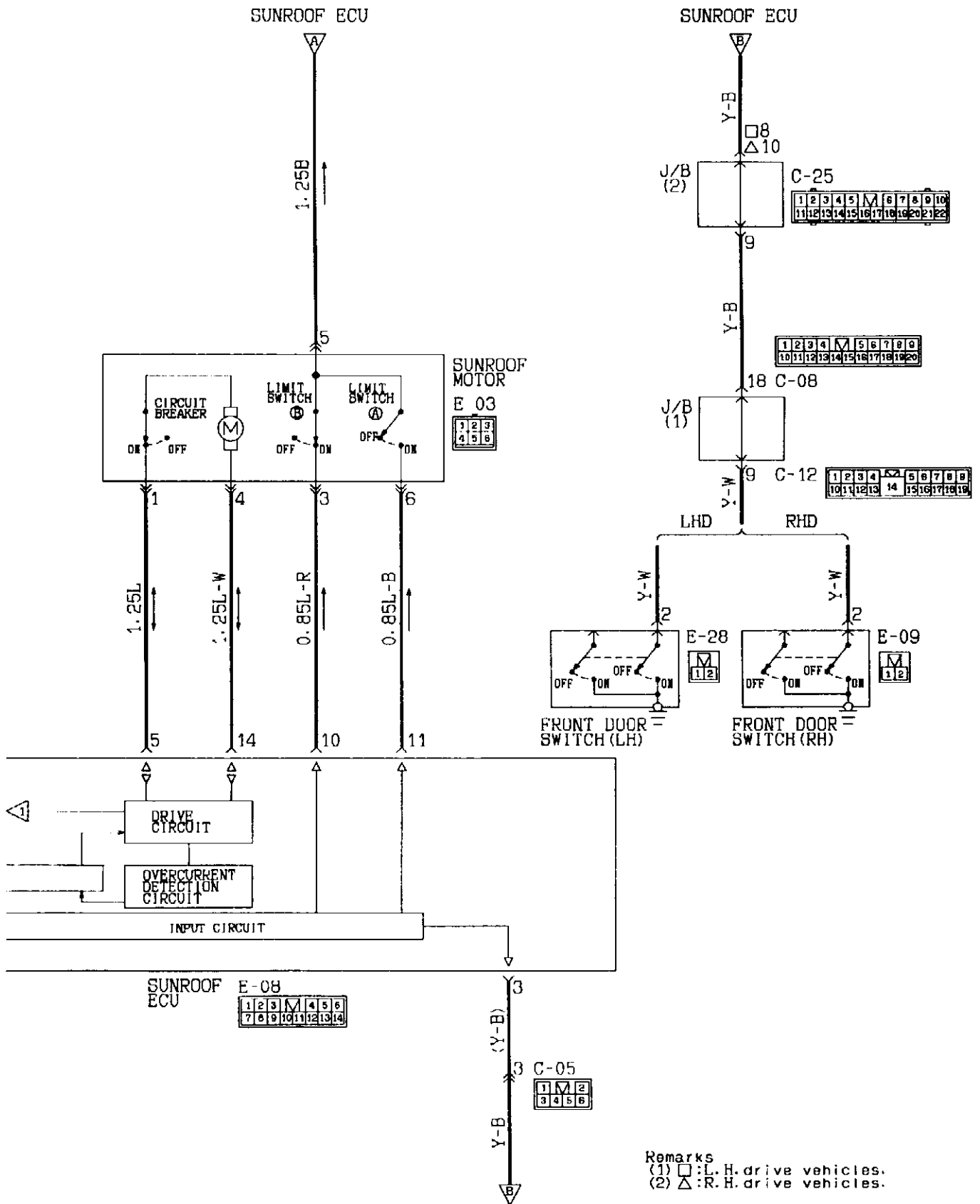
C-03 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22



SUNROOF



KX35-AC-F1521-E

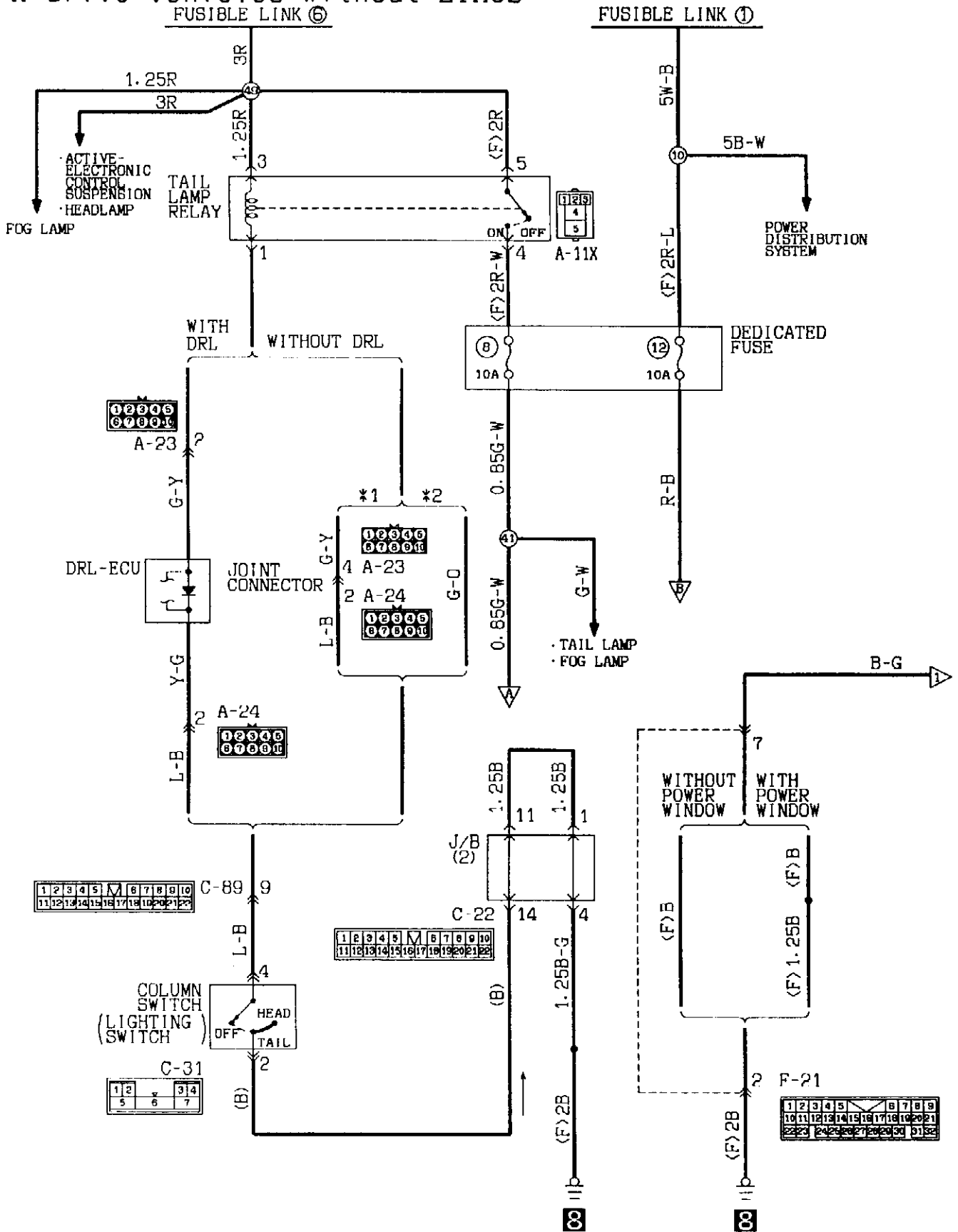


Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.

Wire colour code  
 B:Black LG:Light green G:Green I:Blue W:White Y:Yellow BB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

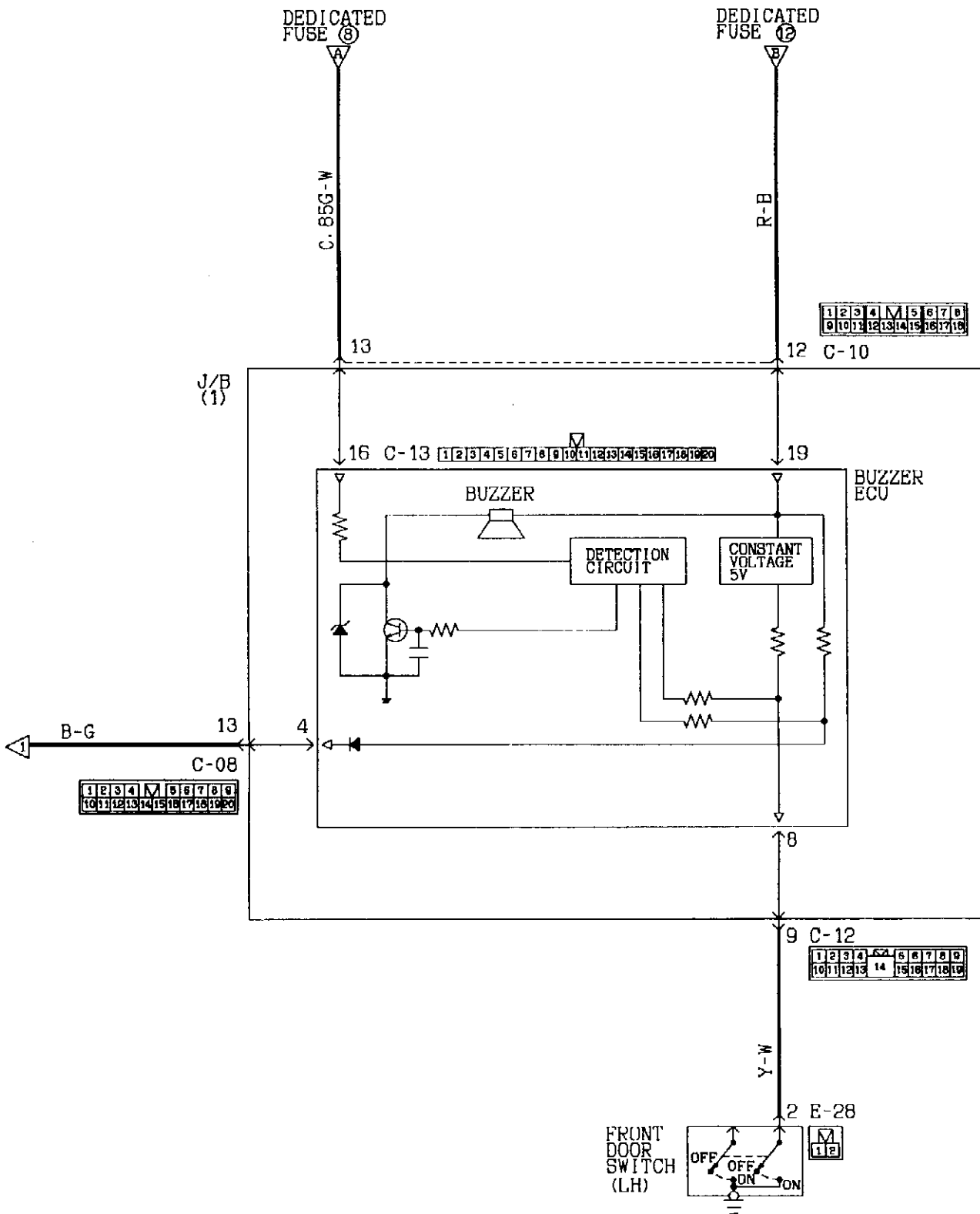
# LIGHTING MONITOR BUZZER

## L.H. drive vehicles without ETACS



KX35-AC-F1513-EC





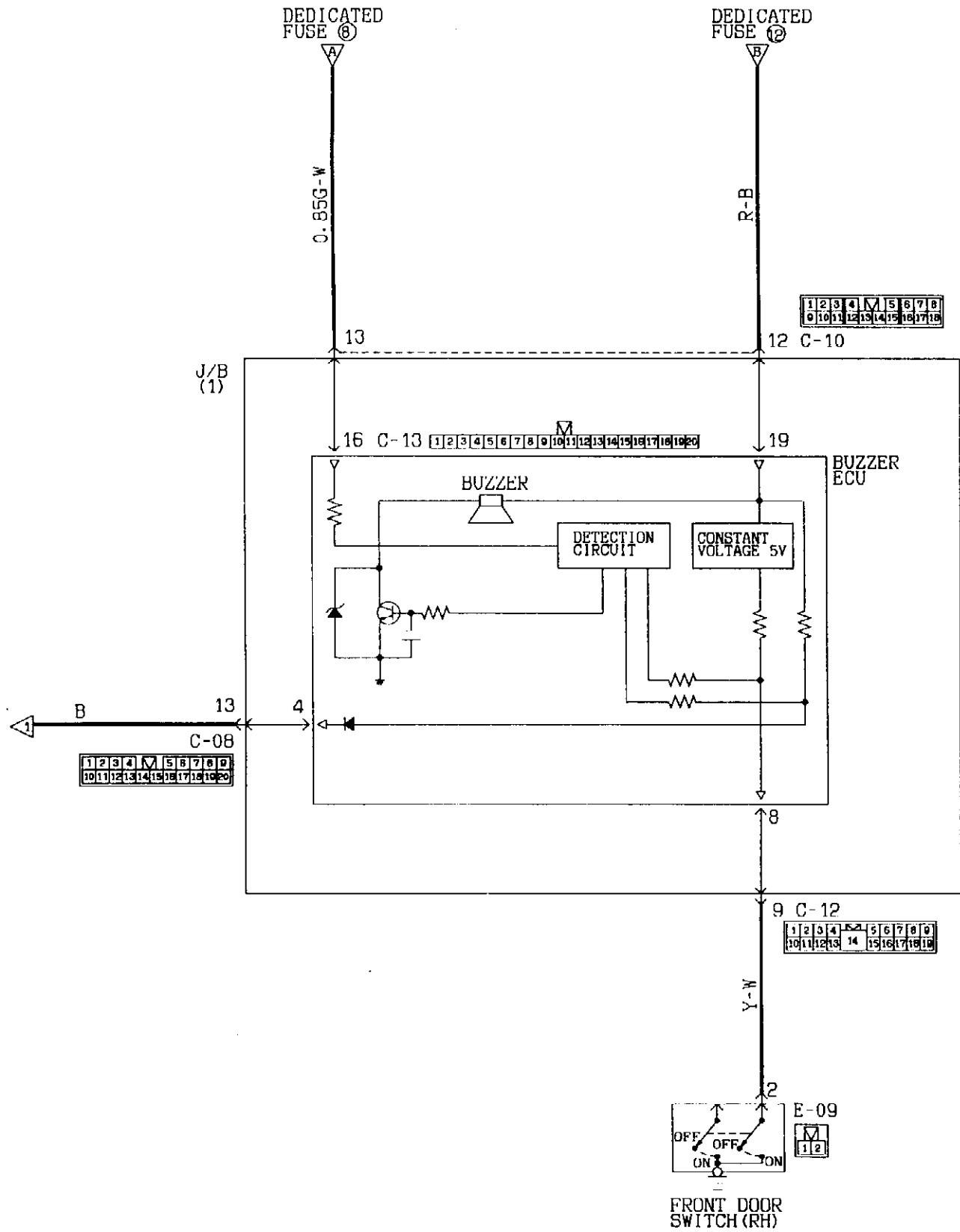
Remarks

- (1) \*1: Vehicles with front wiring harness joint connector.
- (2) \*2: Vehicles without front wiring harness joint connector.

Wire colour code

B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

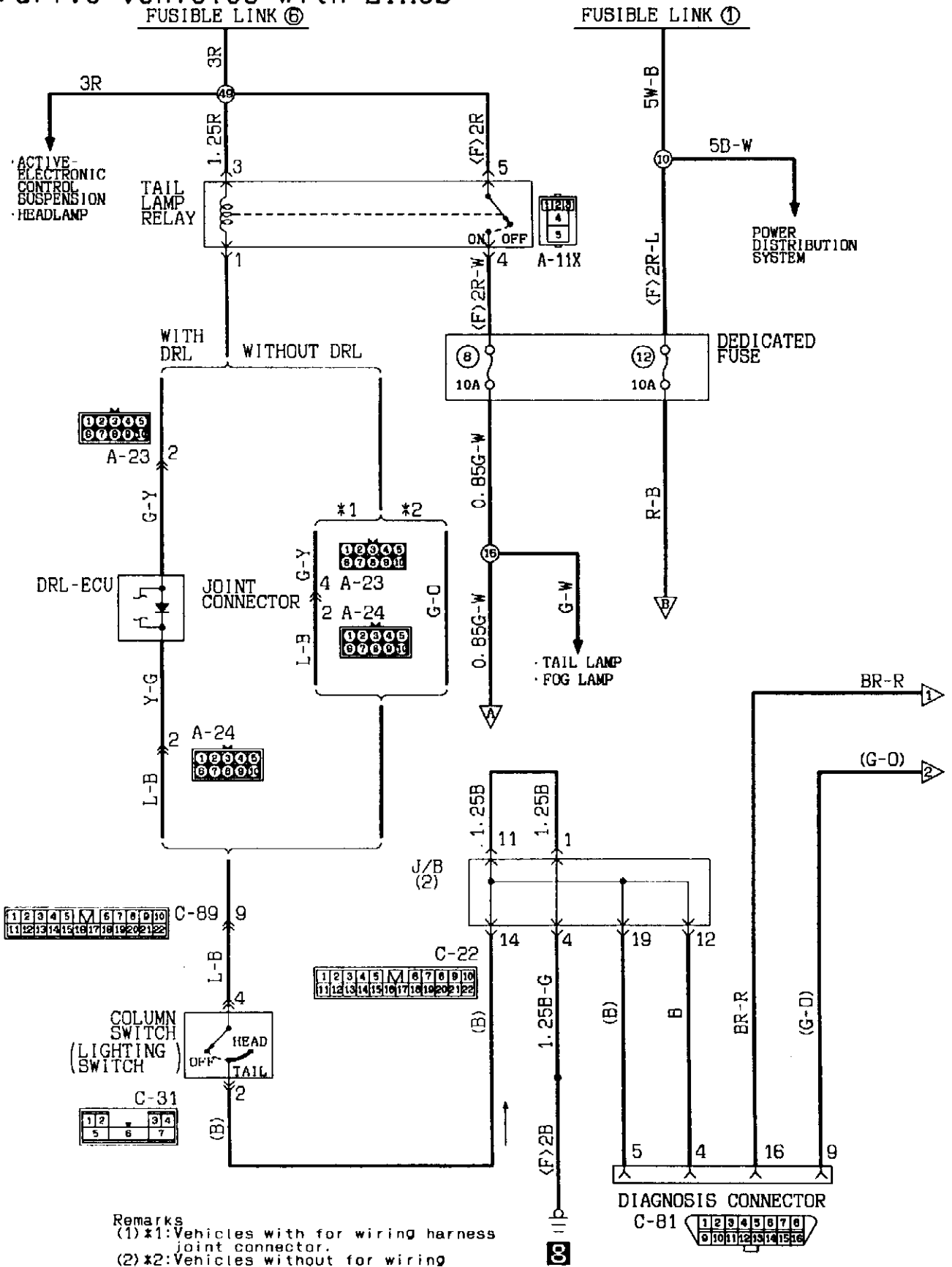




Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

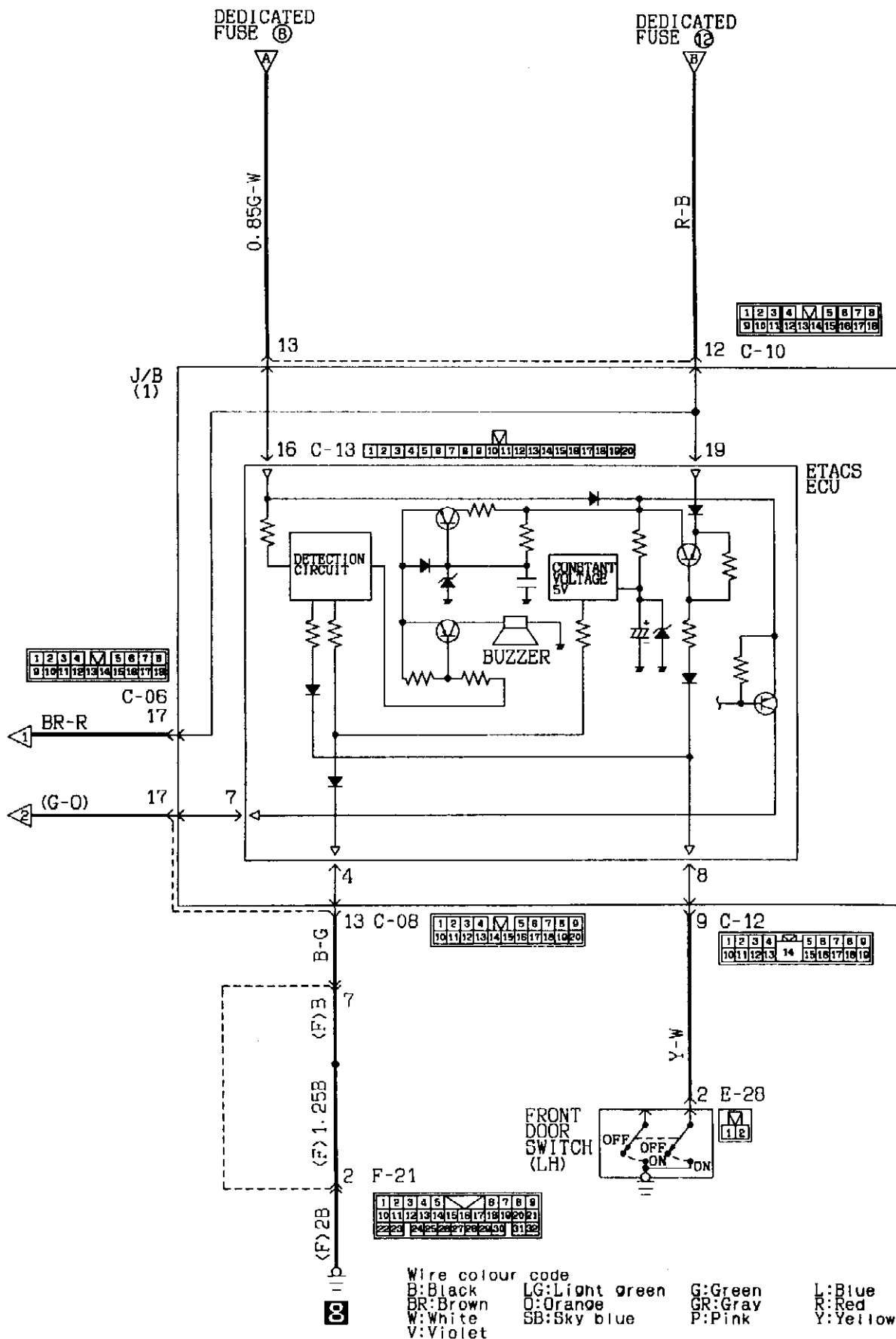
# LIGHTING MONITOR BUZZER

## L.H. drive vehicles with ETACS

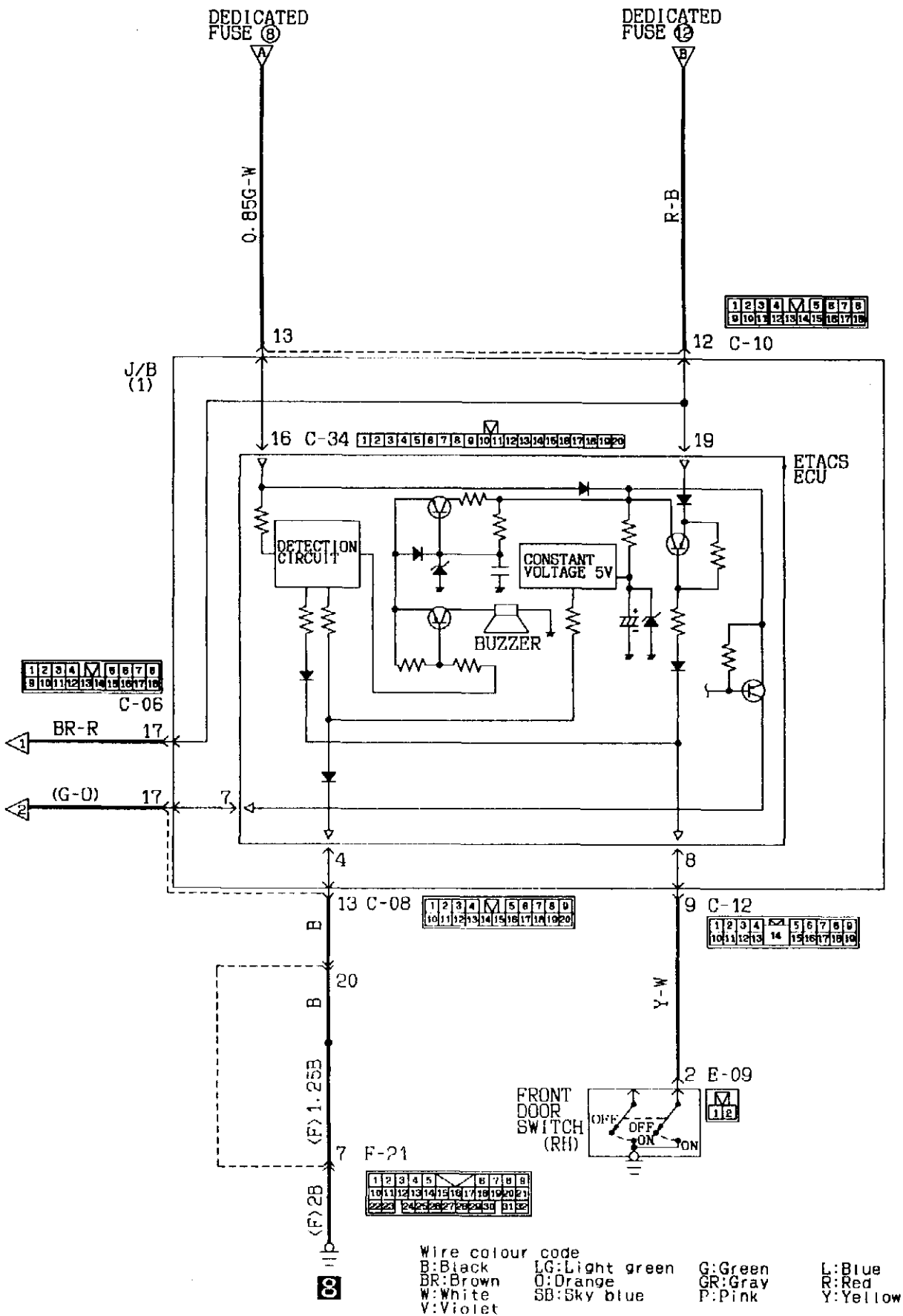


Remarks  
 (1) \*1: Vehicles with for wiring harness joint connector.  
 (2) \*2: Vehicles without for wiring harness joint connector.

KX35-AC-F1515-EC

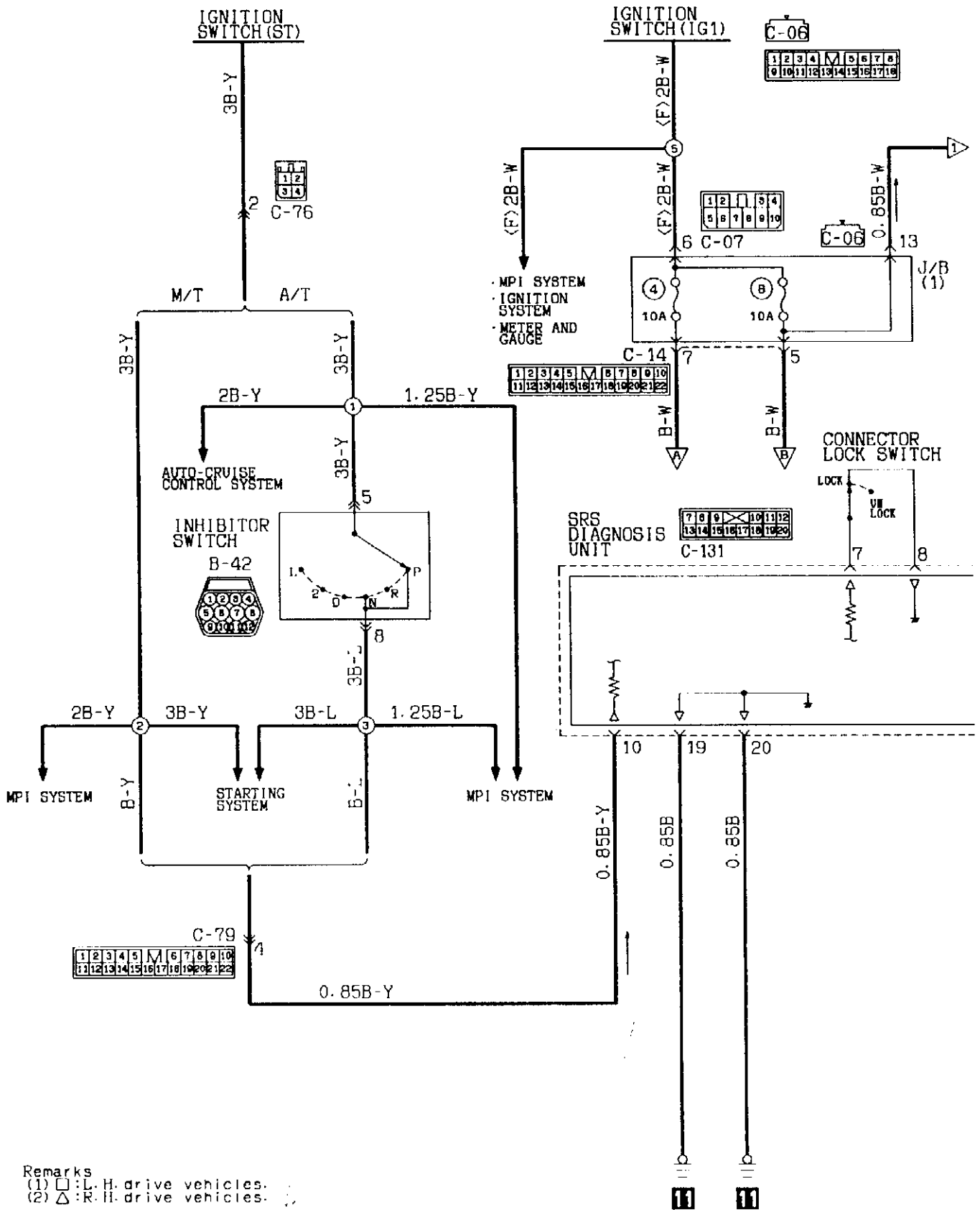






# SUPPLEMENTAL RESTRAINT SYSTEM

## Petrol-powered vehicles

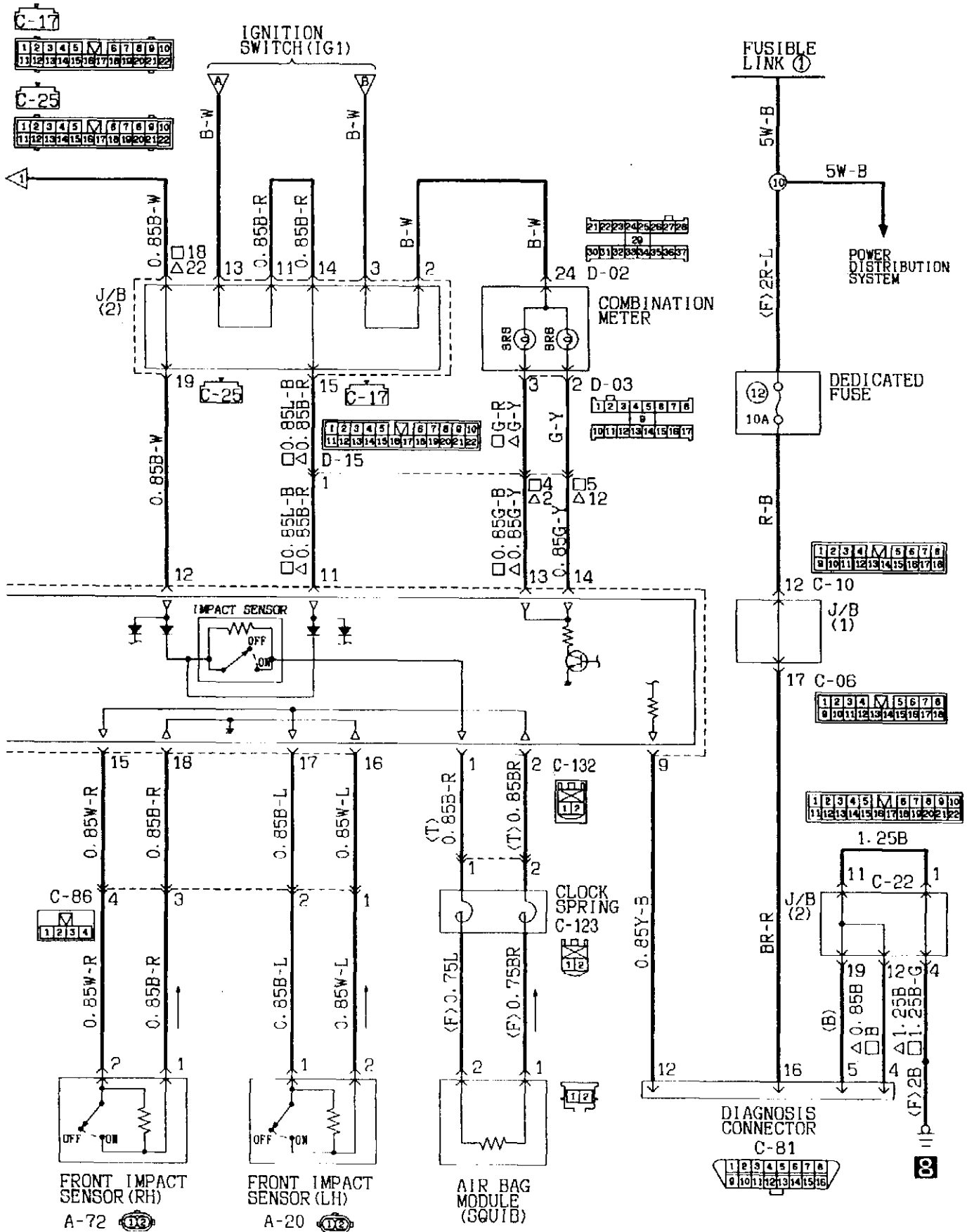


Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.

Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

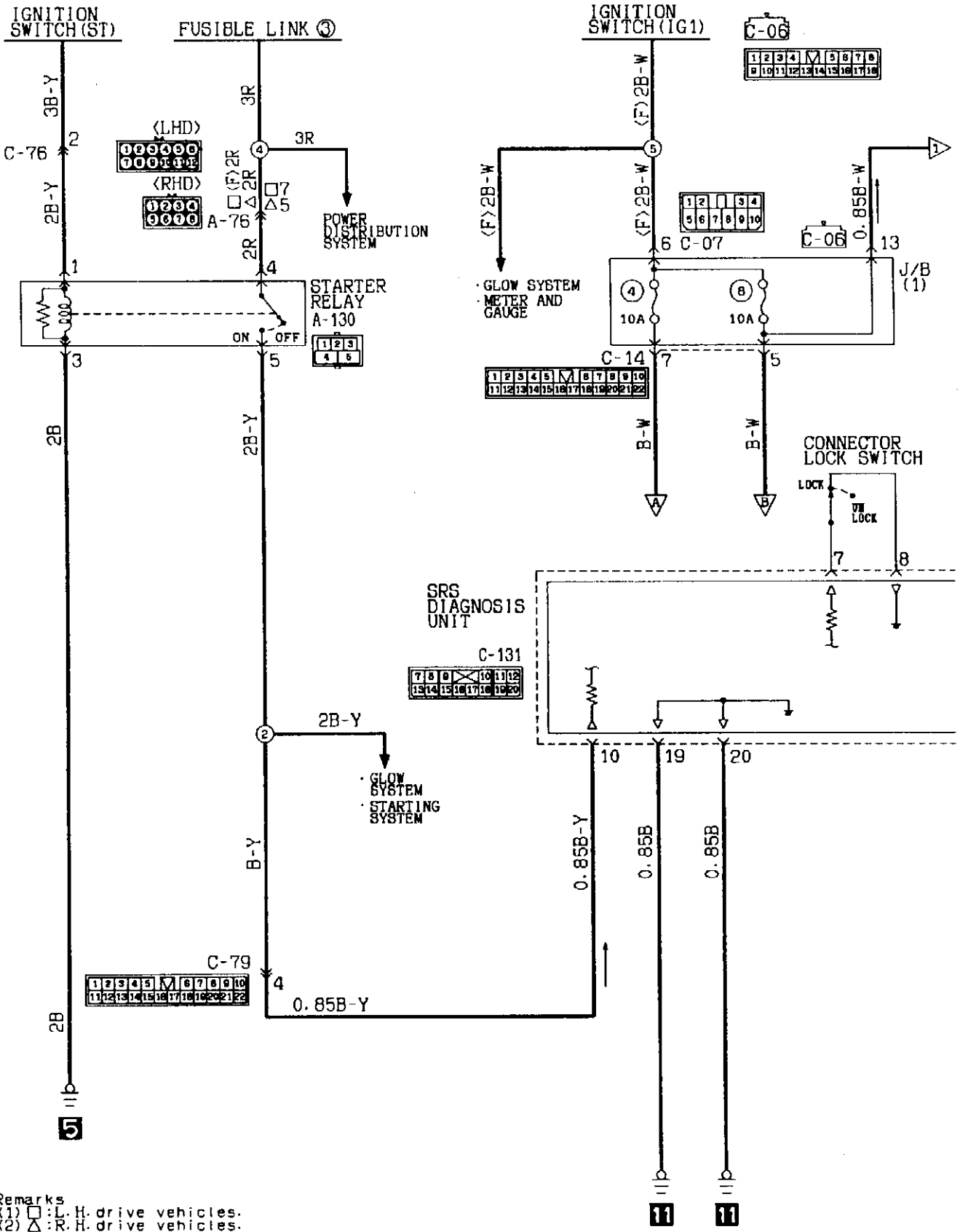
KX35-AC-F1522-EC





# SUPPLEMENTAL RESTRAINT SYSTEM

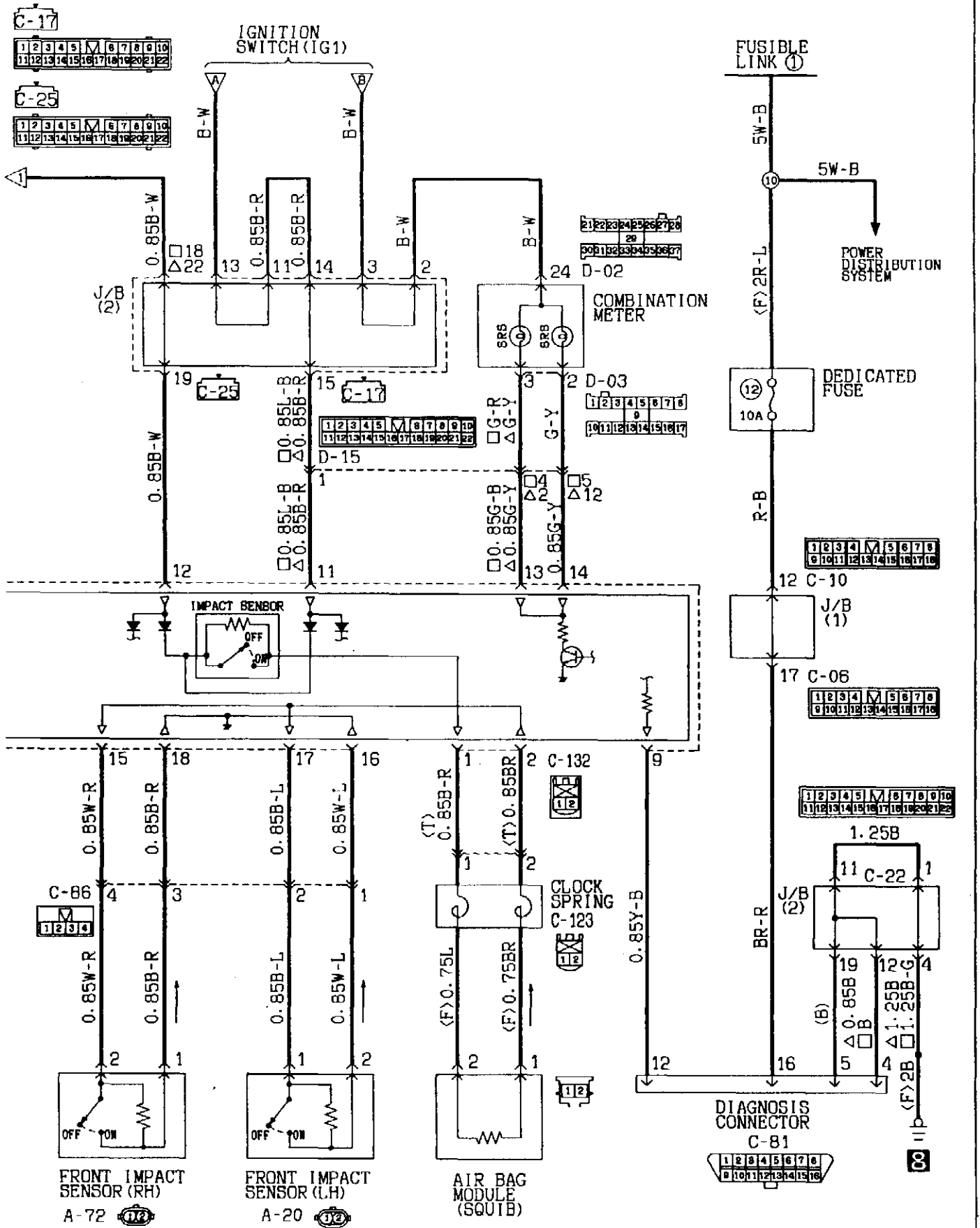
## Diesel-powered vehicles



Remarks  
 (1) □: L. H. drive vehicles.  
 (2) △: R. H. drive vehicles.

Wire colour code  
 B: Black LG: Light green G: Green L: Blue W: White Y: Yellow SB: Sky blue  
 BR: Brown O: Orange GR: Gray R: Red P: Pink V: Violet

KX35-AC-F1523-EC



# 1A . HOW TO READ THE WIRING DIAGRAMS

|   |      |   |
|---|------|---|
| MODELS .....                                      | 1A-2 |   |
| COMPOSITION AND CONTENTS OF WIRING DIAGRAMS ..... |      | } Refer to '93 models'<br>Electrical wiring |
| HOW TO READ CONFIGURATION DIAGRAMS .....          |      |   |
| HOW TO READ CIRCUIT DIAGRAMS .....                |      |   |
| MARKINGS FOR CONNECTOR EARTHING .....             |      |   |
| SYMBOLIC MARKS .....                              |      |   |
| WIRE COLOUR CODES .....                           |      |   |
| CONNECTOR COLOUR CODES .....                      |      |   |
| ABBREVIATION SYMBOLS .....                        |      |   |
| APPLICABLE MODEL CATEGORIES .....                 |      |   |

## MODELS

## Sedan

| Model code |            | Engine model    | Transmission model                                      | Fuel supply system |                     |
|------------|------------|-----------------|---|--------------------|---------------------|
| E52A       | SNJEQL6/R6 | 4G93 (1,834 ml) | F5M22 (2WD-5M/T)  | MPI                |                     |
|            | SNHEQL6/R6 |                 |   |                    |                     |
|            | SNJESL6    |                 |   |                    |                     |
|            | SNHESL6    |                 |   |                    |                     |
|            | SRHEQL6/R6 |                 | F4A22 (2WD-4A/T)  |                    |                     |
|            | SRHESL6    |                 |   |                    |                     |
| E55A       | SNJEQL6/R6 | 4G63 (1,997 ml) | F5M22 (2WD-5M/T)  |                    |                     |
|            | SNHEQL6/R6 |                 | F4A22 (2WD-4A/T)  |                    |                     |
|            | SRHEQL6/R6 |                 |   |                    |                     |
| E54A       | SNGMQL6/R6 | 6A12 (1,999 ml) | F5M31 (2WD-5M/T)  |                    |                     |
|            | SRGMQL6/R6 |                 | F4A23 (2WD-4A/T)  |                    |                     |
| E64A       | SNGMQL6/R6 |                 | F5M31 (2WD-5M/T)  |                    |                     |
|            | SRGMQL6/R6 |                 | F4A23 (2WD-4A/T)  |                    |                     |
| E57A       | SNJFL6/R6  |                 | 4D68 (1,998 ml)<br>with intercooler and<br>turbocharger | F5M31 (2WD-5M/T)   | Fuel injection pump |
|            | SNJFQL6    |                 |   |                    |                     |
|            | SNHFL6/R6  |                 |   |                    |                     |
|            | SNHFQL6    |                 |   |                    |                     |
| E75A       | SNHEQL6/R6 | 4G63 (1,997 ml) | W5M31 (4WD-5M/T)  | MPI                |                     |
| E88A       | SNGMQL6/R6 | 6G73 (2,497 ml) | W5M33 (4WD-5M/T)  |                    |                     |
| E52A       | SRHEQL6B   | 4G93 (1,834 ml) | F4A22 (2WD-4A/T)  |                    |                     |
|            | SNJEQL6B   |                 |   |                    |                     |
| E55A       | SRHEQL6B   | 4G63 (1,997 ml) |   |                    |                     |

Hatchback

| Model code |            | Engine model    | Transmission model                                      | Fuel supply system |                     |
|------------|------------|-----------------|---|--------------------|---------------------|
| E52A       | LNJEQL6/R6 | 4G93 (1,834 ml) | F5M22 (2WD-5M/T)  | MPI                |                     |
|            | LNHEQL6/R6 |                 |   |                    |                     |
|            | LNJESL6    |                 | F4A22 (2WD-4A/T)  |                    |                     |
|            | LNHESL6    |                 |   |                    |                     |
|            | LRHEQL6/R6 |                 |   |                    |                     |
|            | LRHESL6    |                 |   |                    |                     |
| E55A       | LNJEQL6/R6 | 4G63 (1,997 ml) | F5M22 (2WD-5M/T)  |                    |                     |
|            | LNHEQL6/R6 |                 | F4A22 (2WD-4A/T)  |                    |                     |
|            | LRHEQL6/R6 |                 |   |                    |                     |
| E54A       | LNGMQL6/R6 | 6A12 (1,999 ml) | F5M31 (2WD-5M/T)  |                    |                     |
|            | LRGMQL6/R6 |                 | F4A23 (2WD-4A/T)  |                    |                     |
| E64A       | LNGMQL6/R6 |                 | F5M31 (2WD-5M/T)  |                    |                     |
|            | LRGMQL6/R6 |                 | F4A23 (2WD-4A/T)  |                    |                     |
| E57A       | LNJFL6/R6  |                 | 4D68 (1,998 ml)<br>with intercooler and<br>turbocharger | F5M31 (2WD-5M/T)   | Fuel injection pump |
|            | LNJFQL6    |                 |   |                    |                     |
|            | LNHFL6/R6  |                 |   |                    |                     |
|            | LNHFQL6    |                 |   |                    |                     |
| E75A       | LNHEQL6/R6 | 4G63 (1,997 ml) | W5M31 (4WD-5M/T)  | MPI                |                     |
| E88A       | LNGMQL6/R6 | 6G73 (2,497 ml) | W5M33 (4WD-5M/T)  |                    |                     |

## 2A WIRING HARNESS CONFIGURATION DIAGRAMS

### OVERALL WIRING DIAGRAM

|                                       |      |
|---------------------------------------|------|
| Sedan <L.H. drive vehicles> .....     | 2A-2 |
| Sedan <R.H. drive vehicles> .....     | 2A-2 |
| Hatchback <L.H. drive vehicles> ..... | 2A-3 |
| Hatchback <R.H. drive vehicles> ..... | 2A-3 |

### ENGINE COMPARTMENT A

|   |       |
|---|-------|
| 4G93 SOHC-MPI <L.H. drive vehicles> ..... | 2A-4  |
| 4G93 SOHC-MPI <R.H. drive vehicles> ..... | 2A-8  |
| 4G63 SOHC-MPI <L.H. drive vehicles> ..... | 2A-12 |
| 4G63 SOHC-MPI <R.H. drive vehicles> ..... | 2A-16 |
| 6A12 DOHC-MPI <L.H. drive vehicles> ..... | 2A-20 |
| 6A12 DOHC-MPI <R.H. drive vehicles> ..... | 2A-24 |
| 6G73 DOHC-MPI <L.H. drive vehicles> ..... | 2A-28 |
| 6G73 DOHC-MPI <R.H. drive vehicles> ..... | 2A-32 |
| 4D68 <L.H. drive vehicles> .....          | 2A-36 |
| 4D68 <R.H. drive vehicles> .....          | 2A-40 |

### ENGINE AND TRANSMISSION B

|                     |       |
|---------------------|-------|
| 4G93 SOHC-MPI ..... | 2A-44 |
| 4G63 SOHC-MPI ..... | 2A-45 |
| 6A12 DOHC-MPI ..... | 2A-46 |
| 6G73 DOHC-MPI ..... | 2A-47 |
| 4D68 .....          | 2A-48 |

### DASH PANEL C

|                           |       |
|---------------------------|-------|
| L.H. drive vehicles ..... | 2A-50 |
| R.H. drive vehicles ..... | 2A-54 |

### INSTRUMENT PANEL D

|                           |       |
|---------------------------|-------|
| L.H. drive vehicles ..... | 2A-58 |
| R.H. drive vehicles ..... | 2A-59 |

### FLOOR, ROOF E

|                                       |       |
|---------------------------------------|-------|
| Sedan <L.H. drive vehicles> .....     | 2A-60 |
| Sedan <R.H. drive vehicles> .....     | 2A-61 |
| Hatchback <L.H. drive vehicles> ..... | 2A-62 |
| Hatchback <R.H. drive vehicles> ..... | 2A-63 |

### DOOR F

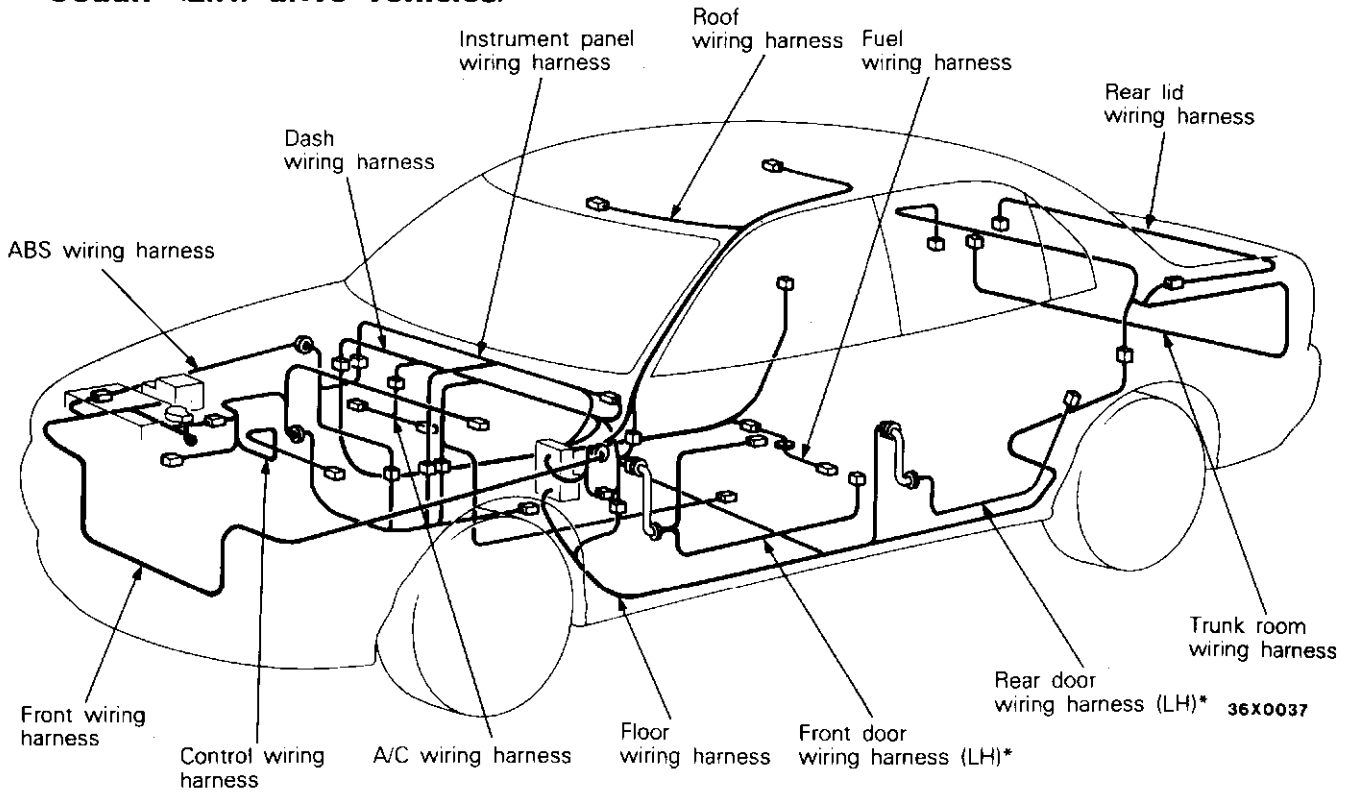
|                           |       |
|---------------------------|-------|
| L.H. drive vehicles ..... | 2A-64 |
| R.H. drive vehicles ..... | 2A-65 |

### LUGGAGE COMPARTMENT G

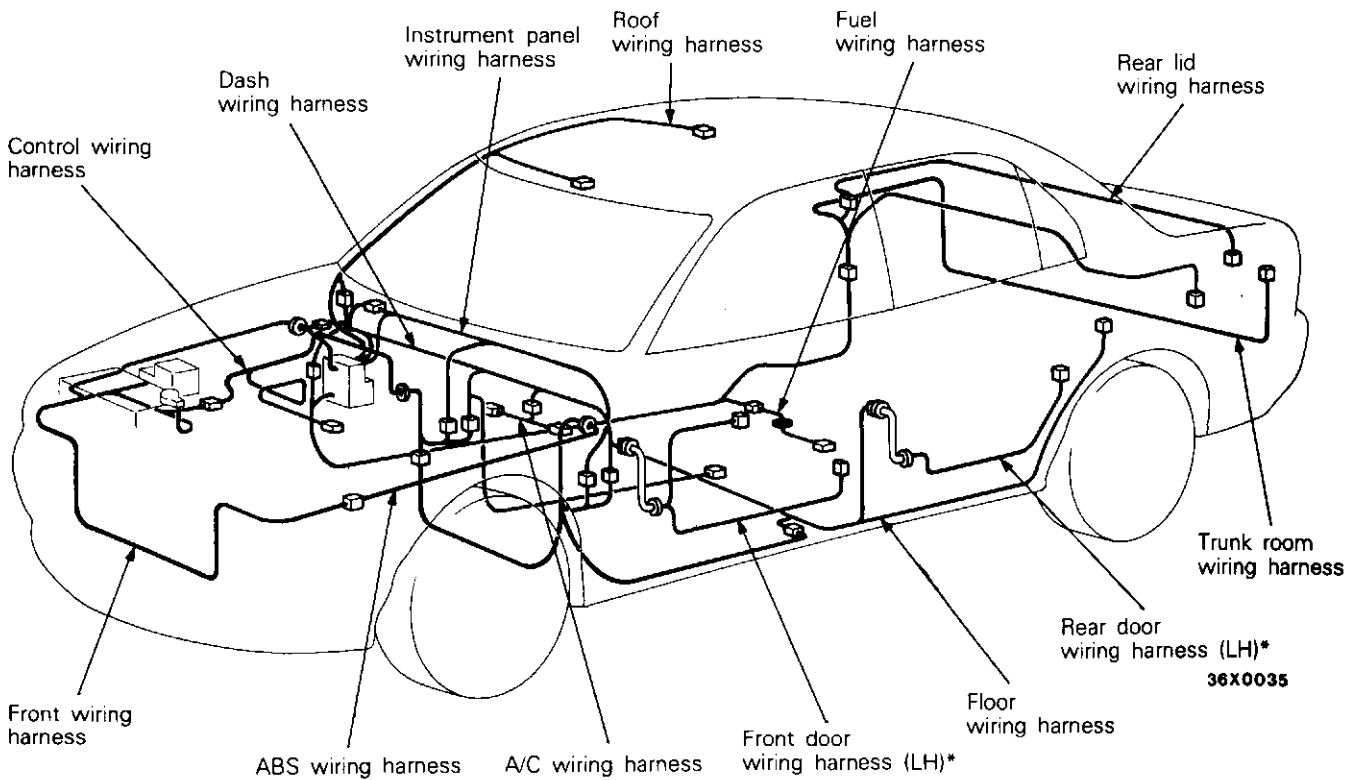
|                                       |       |
|---------------------------------------|-------|
| Sedan <L.H. drive vehicles> .....     | 2A-66 |
| Sedan <R.H. drive vehicles> .....     | 2A-68 |
| Hatchback <L.H. drive vehicles> ..... | 2A-70 |
| Hatchback <R.H. drive vehicles> ..... | 2A-72 |

# OVERALL WIRING DIAGRAM

## Sedan <L.H. drive vehicles>



## Sedan <R.H. drive vehicles>

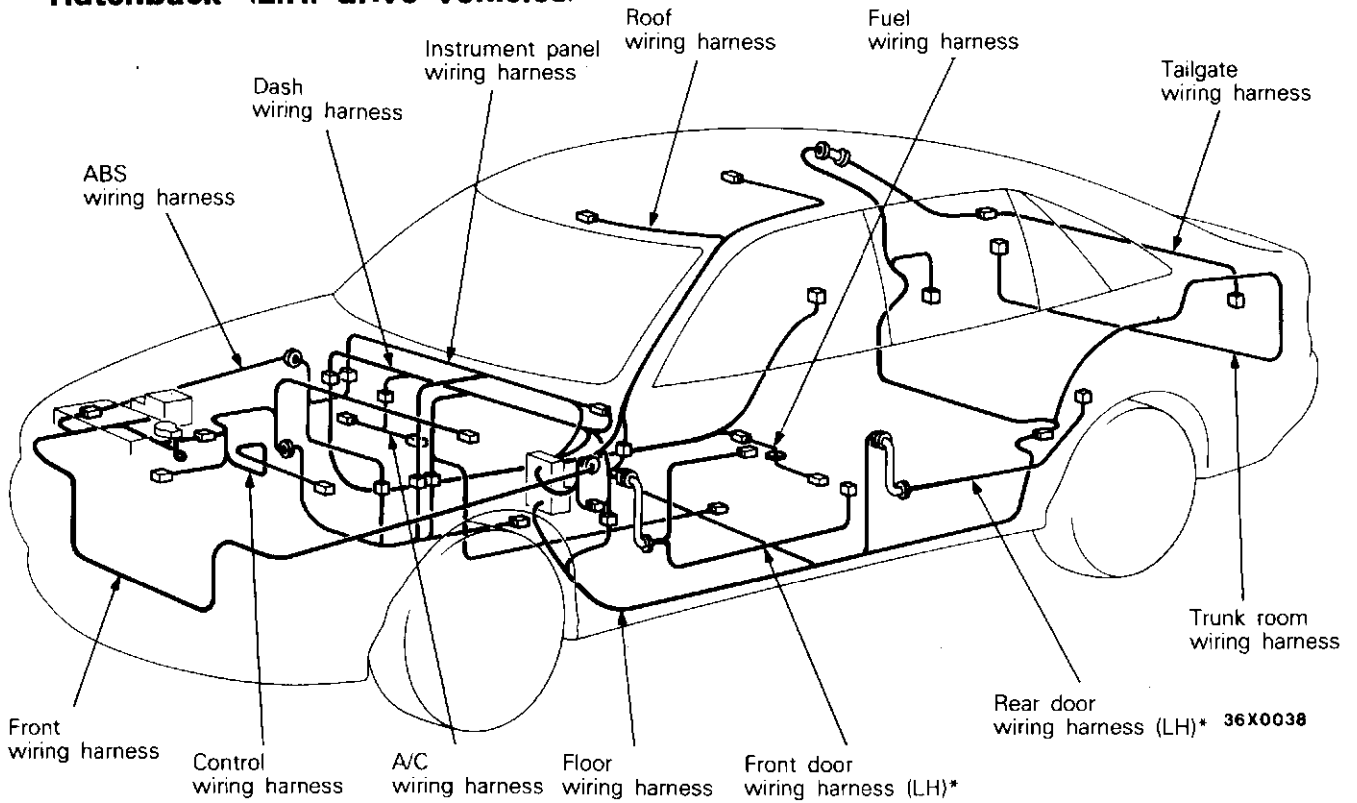


**NOTE**

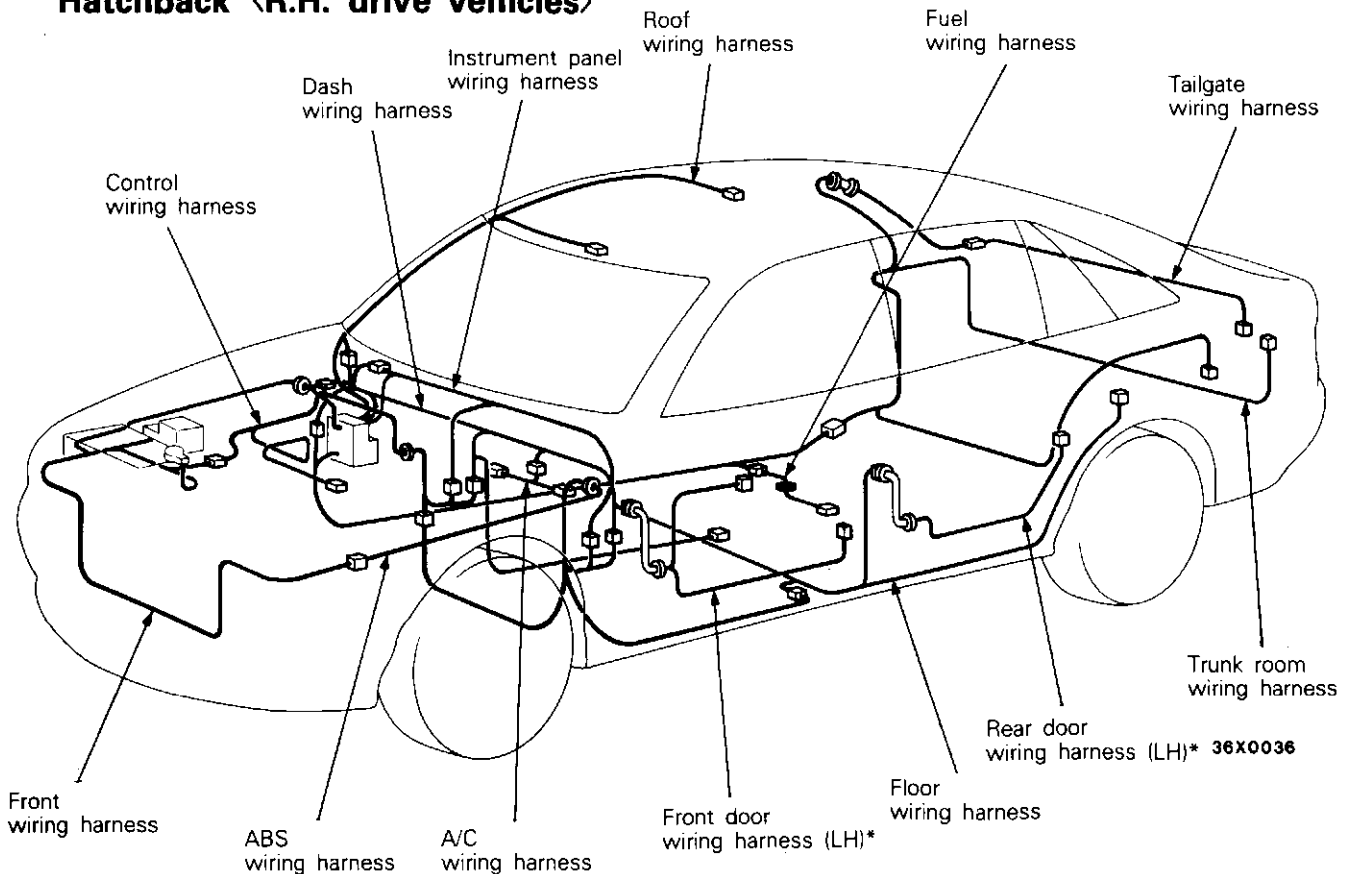
- (1) These illustrations show only major wiring harnesses.
- (2) \*: also equipped at the right side.



**Hatchback <L.H. drive vehicles>**



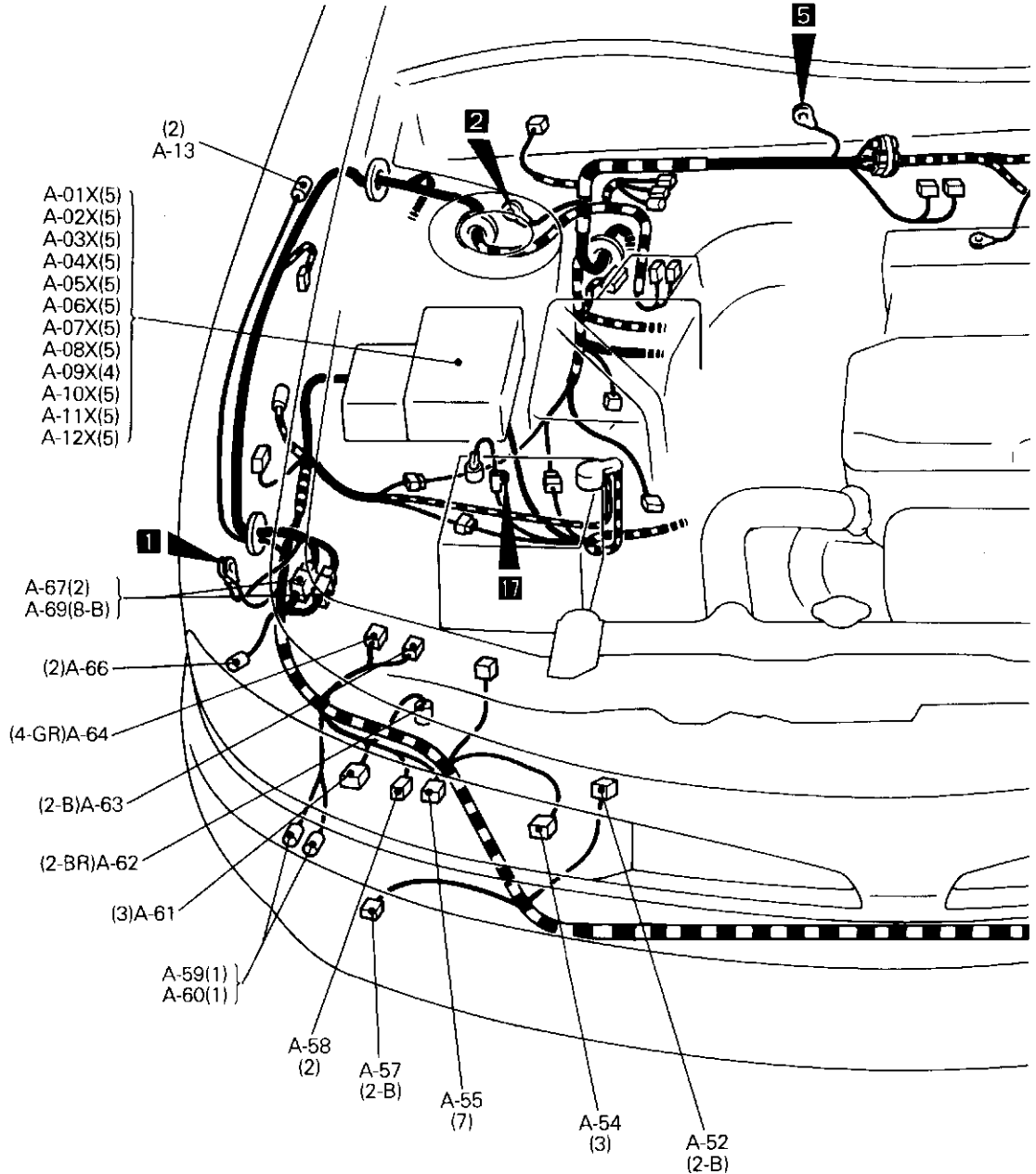
**Hatchback <R.H. drive vehicles>**



# ENGINE COMPARTMENT

4G93 SOHC-MPI <L.H. drive vehicles>

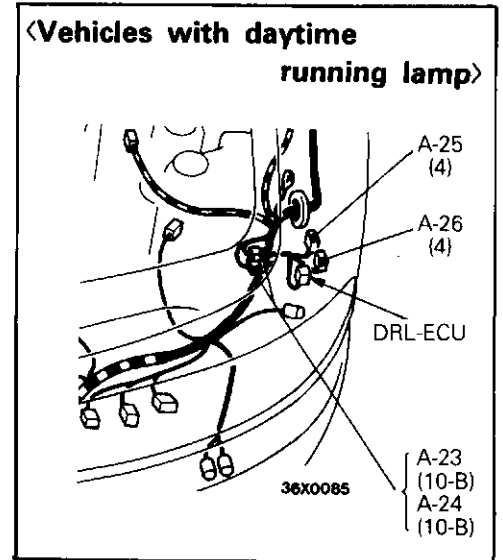
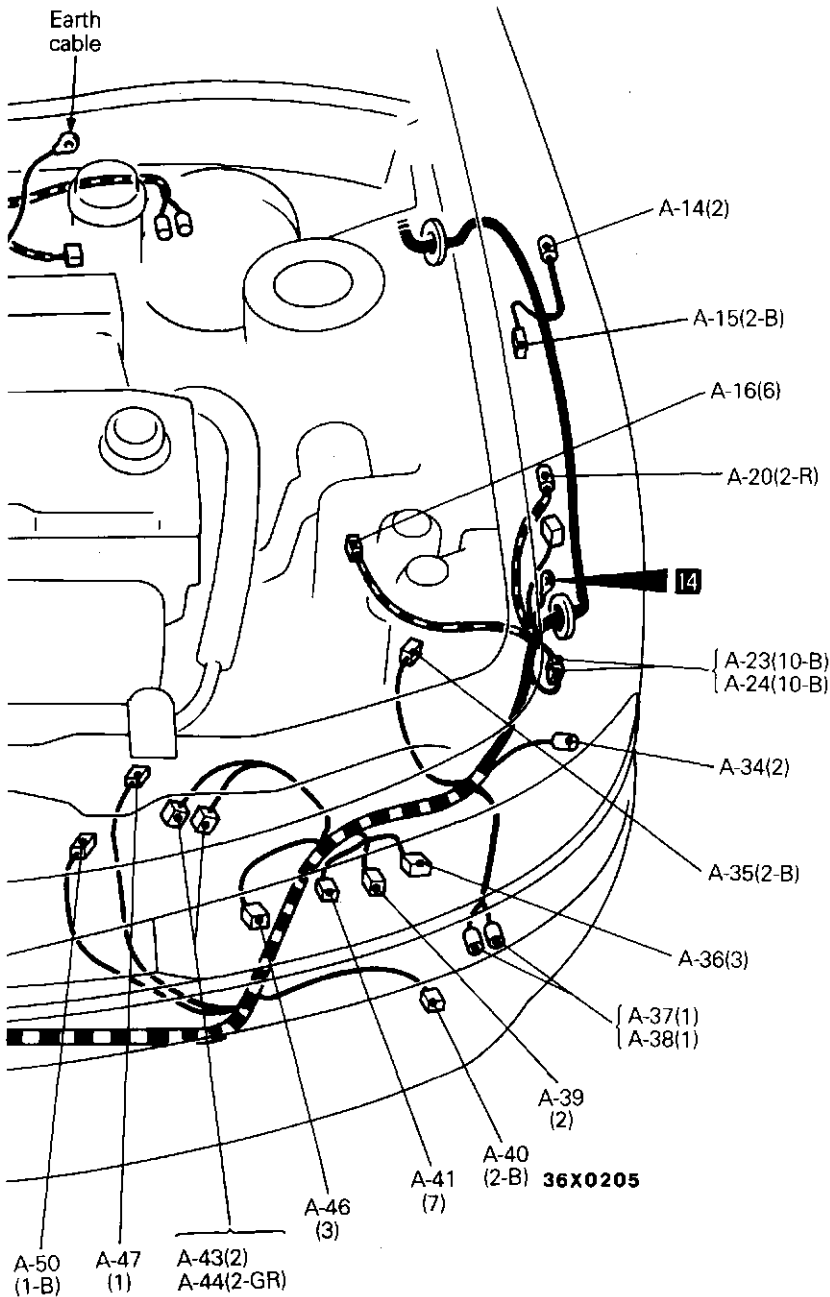
Connector symbol  
**A** -01 thru -69



A-01X }  
 thru } Refer to CENTRALIZED JUNCTION  
 A-12X }

- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 —
- A-18 —
- A-19 —
- A-20 Front impact sensor (LH)
- A-21 —
- A-22 —
- A-23 } Front wiring harness and daytime running lamp wiring
- A-24 } harness combination or front wiring harness joint connector

- A-25 Daytime running lamp relay (I)
- A-26 Daytime running lamp relay (II)
- A-27 } —
- thru }
- A-33 } —
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 } Horn (LH)
- A-38 }
- A-39 Position lamp (LH)
- A-40 Front fog lamp (LH)
- A-41 Headlamp leveling unit (LH)
- A-42 —

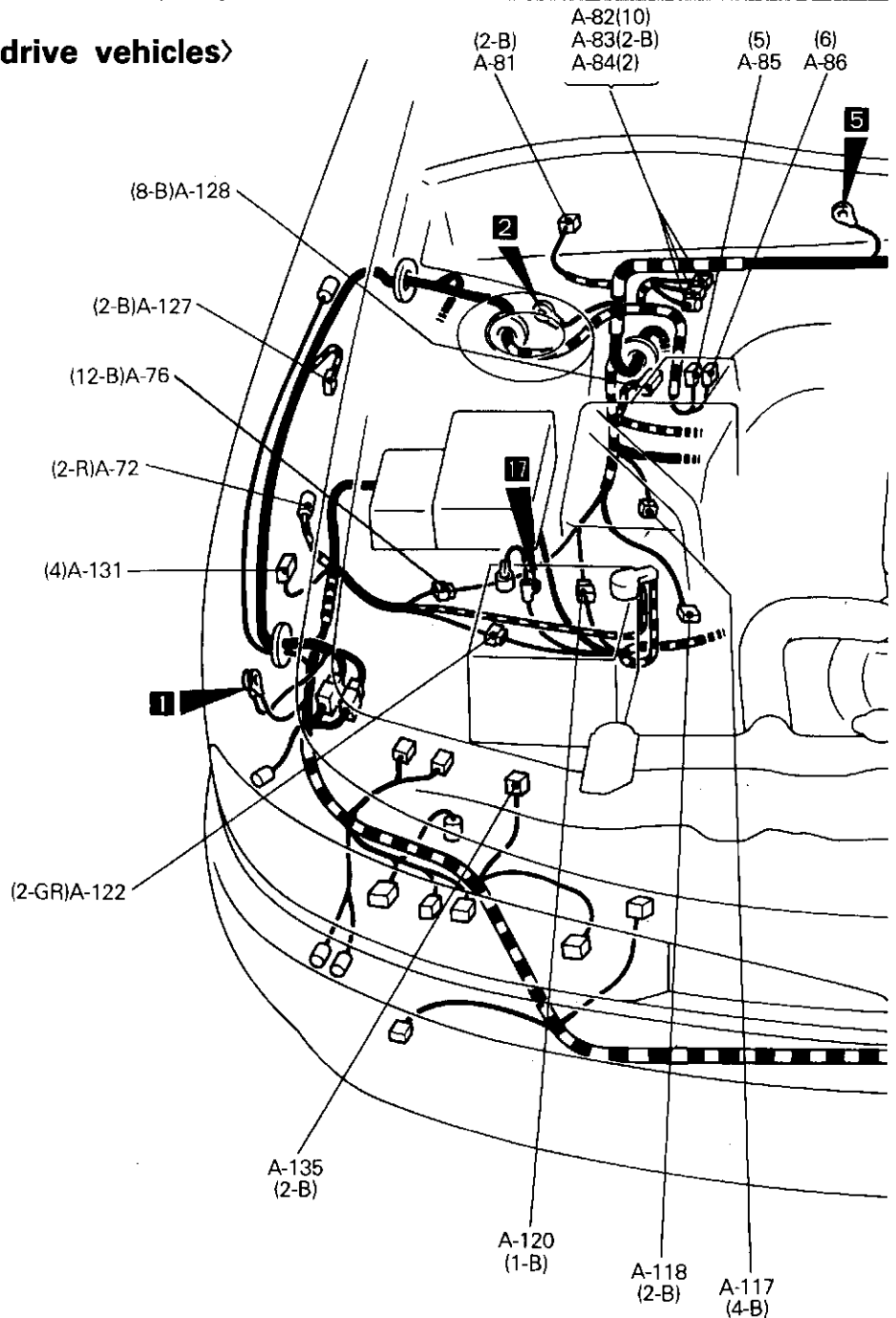


- A-50 A/C compressor and magnetic clutch assembly
- A-51 —
- A-52 Radiator fan motor
- A-53 —
- A-54 Headlamp (RH)
- A-55 Headlamp leveling unit (RH)
- A-56 —
- A-57 Front fog lamp (RH)
- A-43 } Condenser fan motor
- A-44 }
- A-45 —
- A-46 Headlamp (LH)
- A-47 Power steering oil pressure switch
- A-48 —
- A-49 —
- A-40(2-B) 36X0205
- A-41(7)
- A-46(3)
- A-47(1)
- A-43(2)
- A-44(2-GR)

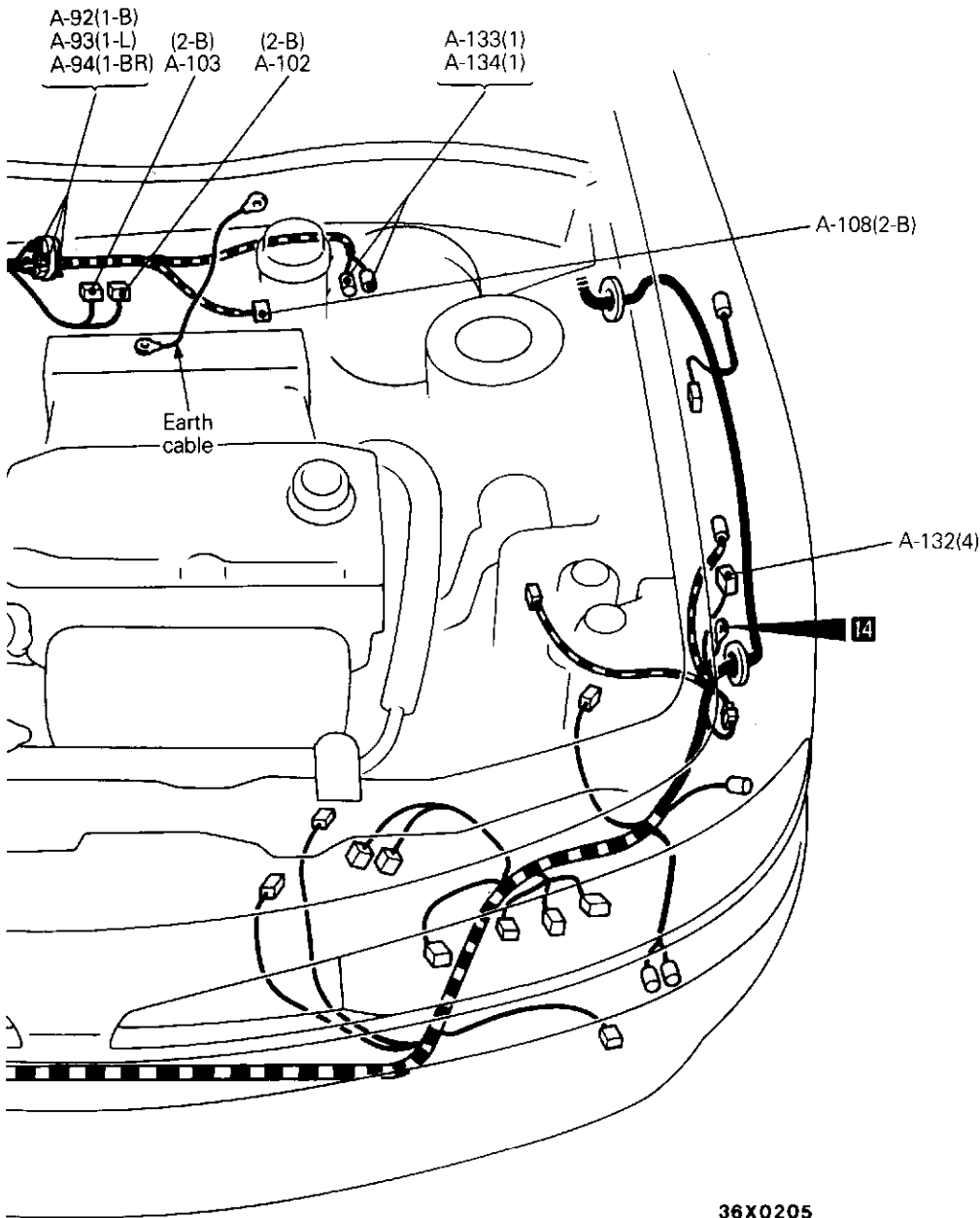
- A-58 Position lamp (RH)
- A-59 } Horn (RH)
- A-60 }
- A-61 Headlamp (RH)
- A-62 Dual pressure switch
- A-63 Headlamp washer motor
- A-64 Washer fluid level sensor and windshield washer motor
- A-65 —
- A-66 Front turn signal lamp (RH)
- A-67 Front wiring harness and ABS wiring harness combination
- A-68 —
- A-69 Front wiring harness and ABS wiring harness combination

4G93 SOHC-MPI <L.H. drive vehicles>

Connector symbol  
**A** -70 thru -135



|      |   |      |                                  |                                      |
|------|---|------|----------------------------------|--------------------------------------|
| A-70 | —   | A-82 | } Hydraulic unit                 |                                      |
| A-71 | —   | A-83 |                                  |                                      |
| A-72 | Front impact sensor (RH)                                    | A-84 |                                  |                                      |
| A-73 | —   | A-85 | Motor relay                      |                                      |
| A-74 | —   | A-86 | Valve relay                      |                                      |
| A-75 | —   | A-87 | } —                              |                                      |
| A-76 | Front wiring harness and control wiring harness combination | thru |                                  |                                      |
| A-77 | } —   | A-91 |                                  |                                      |
| A-78 |   | —    | A-92                             | Fuel pump check connector            |
| A-79 |   | —    | A-93                             | Ignition timing adjustment connector |
| A-80 | —   | A-94 | Engine speed detection connector |                                      |
| A-81 | Windshield wiper motor                                      |      |                                  |                                      |



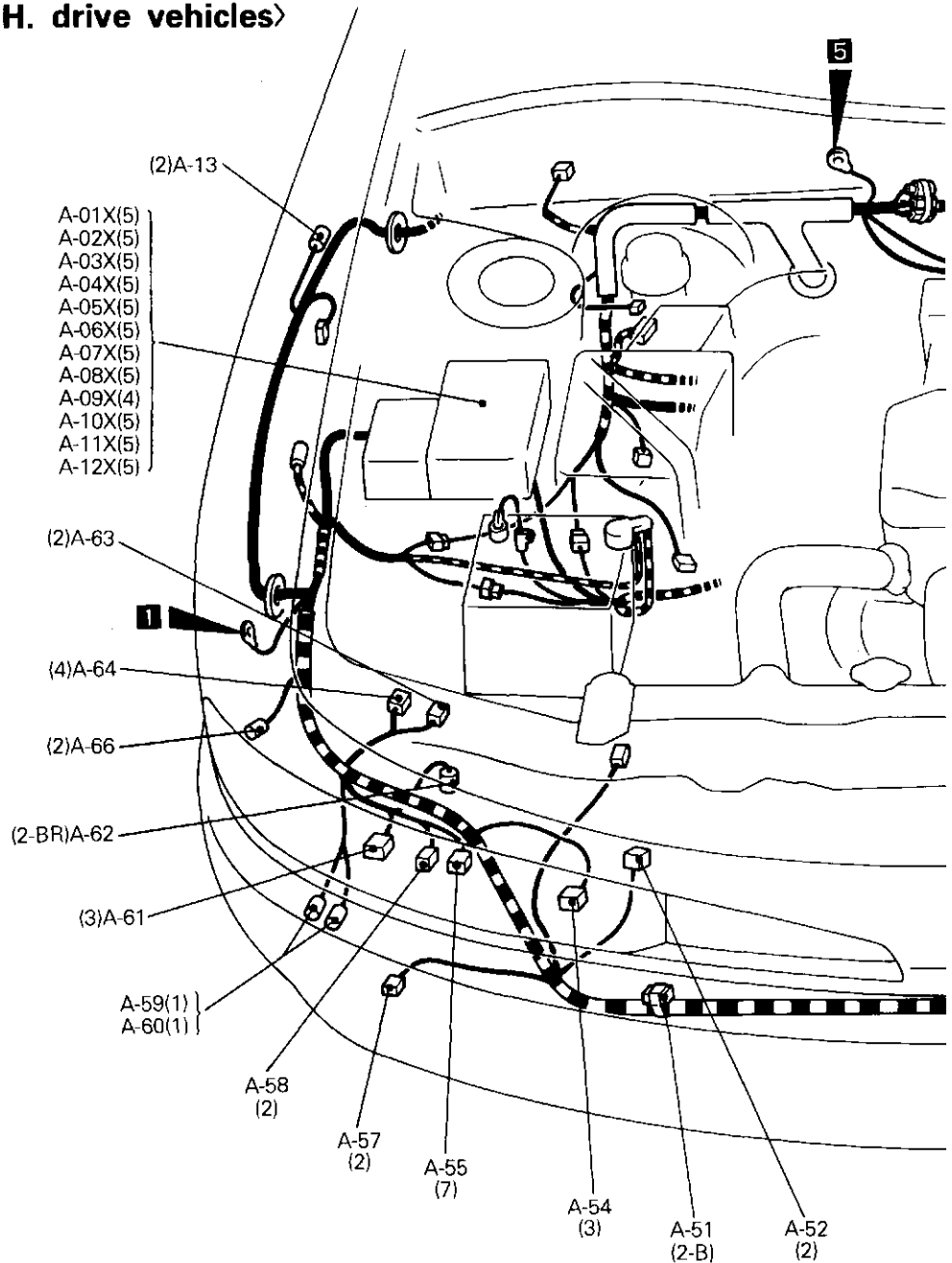
36X0205

- |                    |                                     |  |
|--------------------|-------------------------------------|--|
| A-95 }<br>thru } - | A-120                               | Control wiring harness and battery cable combination |
| A-101 } -          | A-121                               | -  |
| A-102              | A-122                               | Front wiring harness and battery cable combination   |
| A-103              | A-123 }<br>thru } -                 |  |
| A-104 } -          | A-126 } -                           |  |
| A-107 } -          | A-127                               | Speed sensor (Front: RH)                             |
| A-108              | A-128                               | Air flow sensor                                      |
| A-109 } -          | A-129                               | -  |
| A-116 } -          | A-130                               | -  |
| A-117              | A-131                               | Theft-alarm starter relay                            |
| A-118              | A-132                               | Theft-alarm horn relay                               |
| A-119              | A-133 }<br>A-134 } Theft-alarm horn |  |
|                    | A-135                               | Hood switch  |

# ENGINE COMPARTMENT

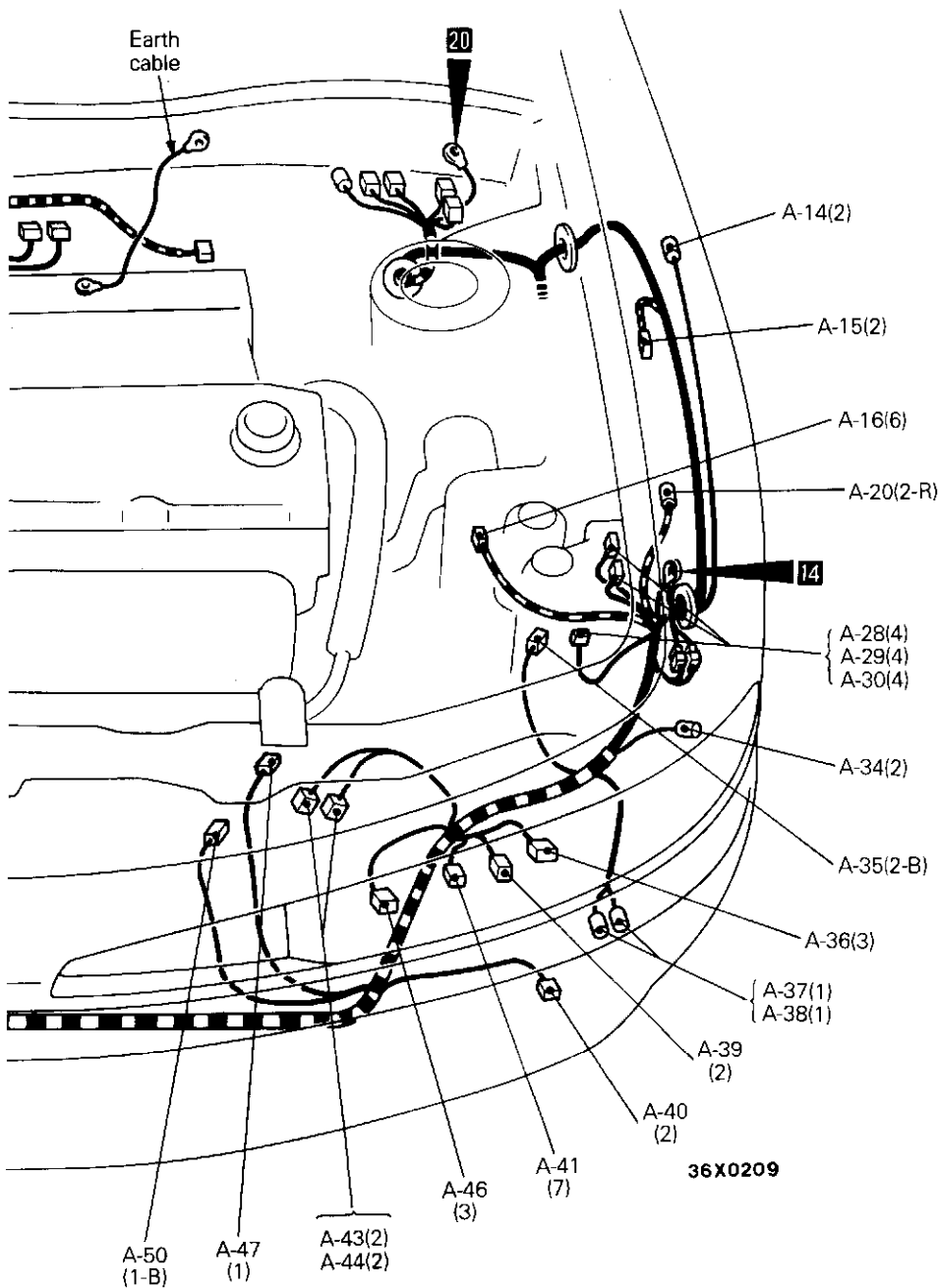
4G93 SOHC-MPI <R.H. drive vehicles>

Connector symbol  
**A** -01 thru -66



- A-01X } Refer to CENTRALIZED JUNCTION
- thru }
- A-12X }
- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 —
- A-18 —
- A-19 —
- A-20 Front impact sensor (LH)
- A-21 } —
- thru }
- A-27 }

- A-28 Dim-dip lamp relay 1
- A-29 Dim-dip lamp relay 2 or jumper connector
- A-30 Dim-dip lamp relay 3 or jumper connector
- A-31 —
- A-32 —
- A-33 —
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 } Horn (LH)
- A-38 }
- A-39 Position lamp (LH)
- A-40 Front fog lamp (LH)

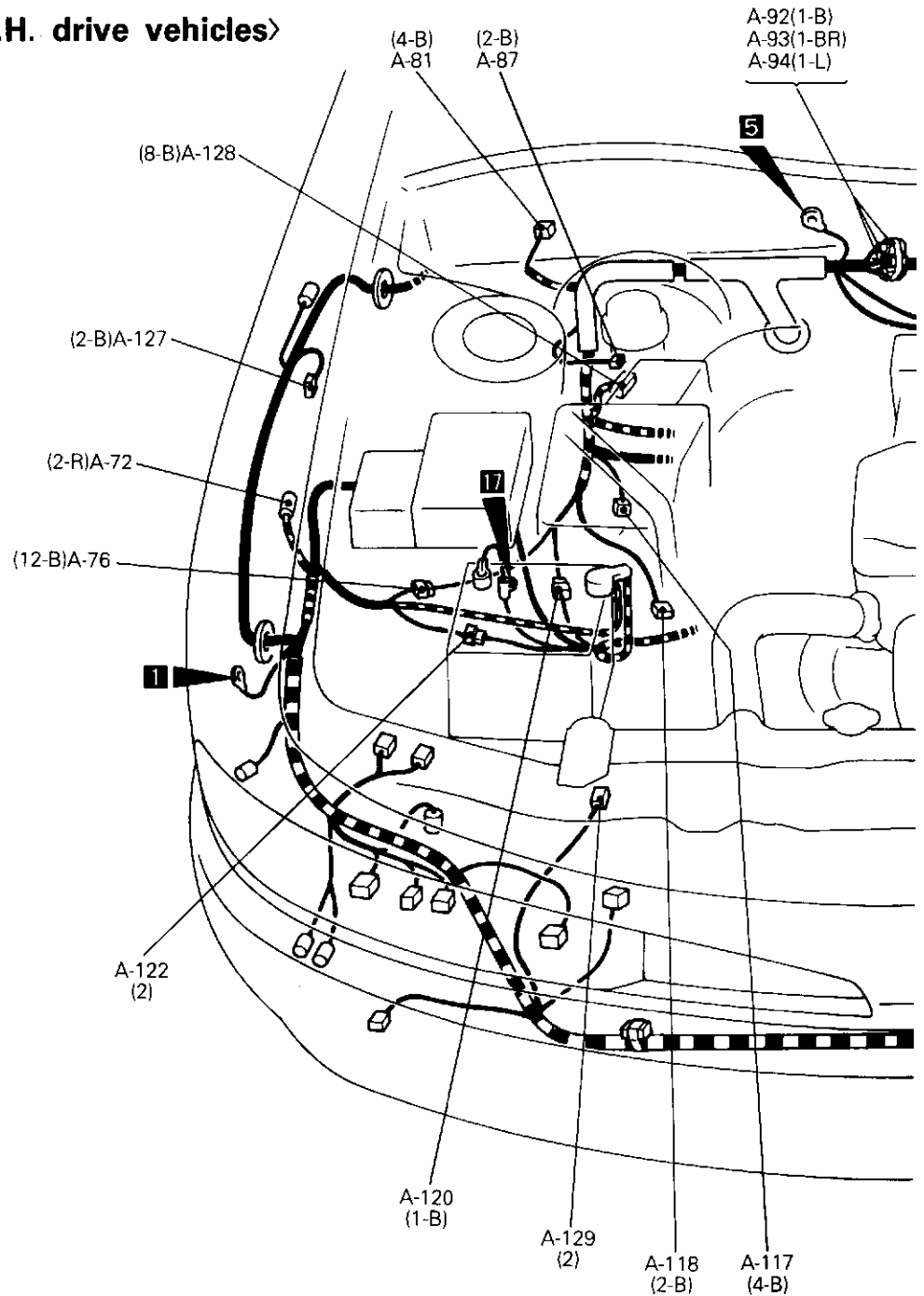


36X0209

|      |   |      |   |
|------|---|------|---|
| A-41 | Headlamp leveling unit (LH)                 |      |   |
| A-42 | —   | A-55 | Headlamp leveling unit (RH)                           |
| A-43 | Condenser fan motor                         | A-56 | —   |
| A-44 |   | A-57 | Front fog lamp (RH)                                   |
| A-45 | —   | A-58 | Position lamp (RH)                                    |
| A-46 | Headlamp (LH)                               | A-59 | Horn (RH)   |
| A-47 | Power steering oil pressure switch          | A-60 |   |
| A-48 | —   | A-61 | Headlamp (RH)   |
| A-49 | —   | A-62 | Dual pressure switch                                  |
| A-50 | A/C compressor and magnetic clutch assembly | A-63 | Headlamp washer motor                                 |
| A-51 | No connection                               | A-64 | Washer fluid level sensor and windshield washer motor |
| A-52 | Radiator fan motor                          | A-65 | —   |
| A-53 | —   | A-66 | Front turn signal lamp (RH)                           |
| A-54 | Headlamp (RH)                               |      |   |

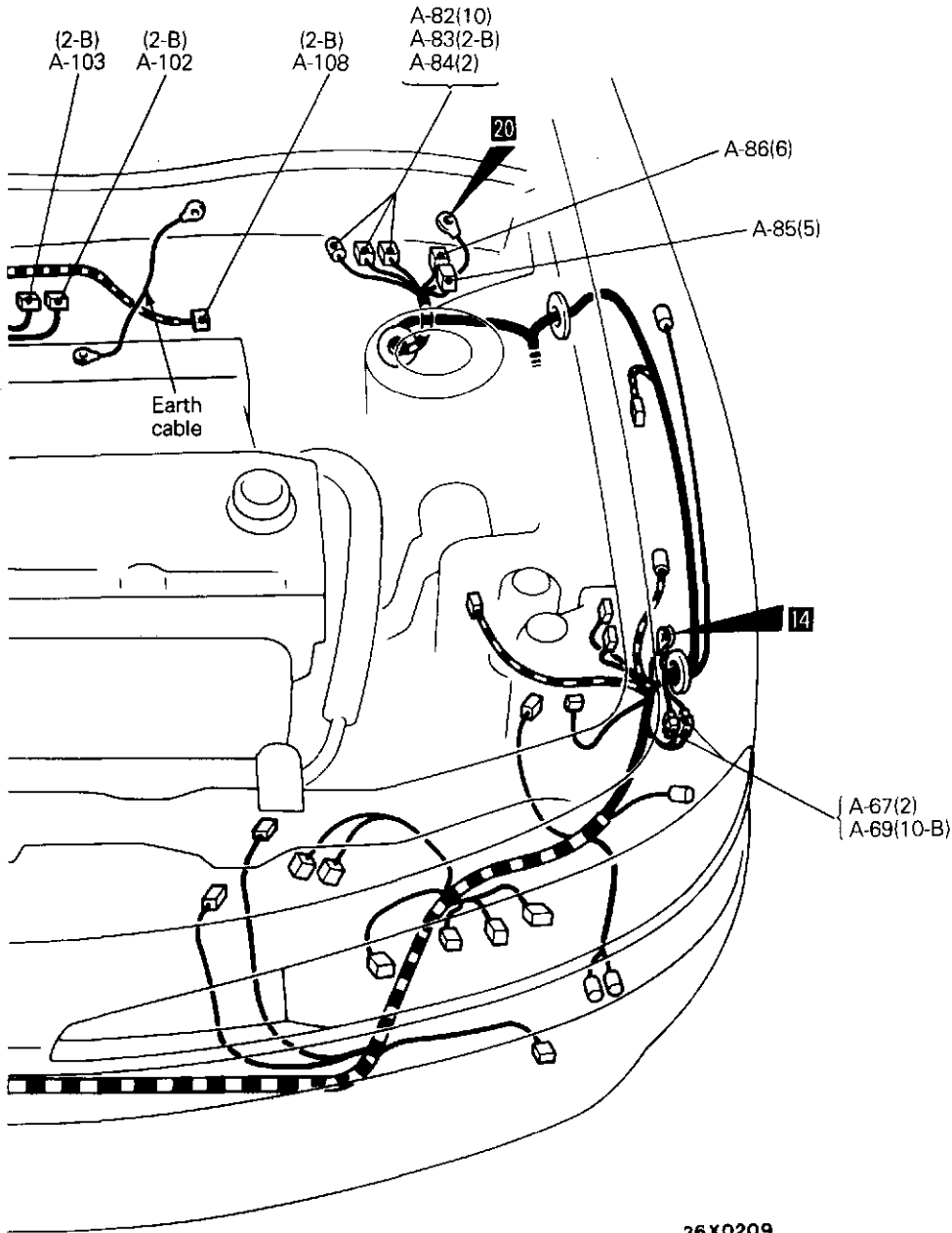
4G93 SOHC-MPI <R.H. drive vehicles>

Connector symbol  
**A** -67 thru -129



- |      |   |      |                           |   |
|------|---|------|---------------------------|---|
| A-67 | Front wiring harness and ABS wiring harness combination     | A-77 | thru                      | — |
| A-68 | —   | A-80 | —                         | — |
| A-69 | Front wiring harness and ABS wiring harness combination     | A-81 | Windshield wiper motor    |   |
| A-70 | —   | A-82 | Hydraulic unit            |   |
| A-71 | —   | A-83 | Hydraulic unit            |   |
| A-72 | Front impact sensor (RH)                                    | A-84 | —                         |   |
| A-73 | —   | A-85 | Motor relay               |   |
| A-74 | —   | A-86 | Valve relay               |   |
| A-75 | —   | A-87 | Brake fluid level switch  |   |
| A-76 | Front wiring harness and control wiring harness combination | A-88 | thru                      | — |
|      |   | A-91 | —                         | — |
|      |   | A-92 | Fuel pump check connector |   |



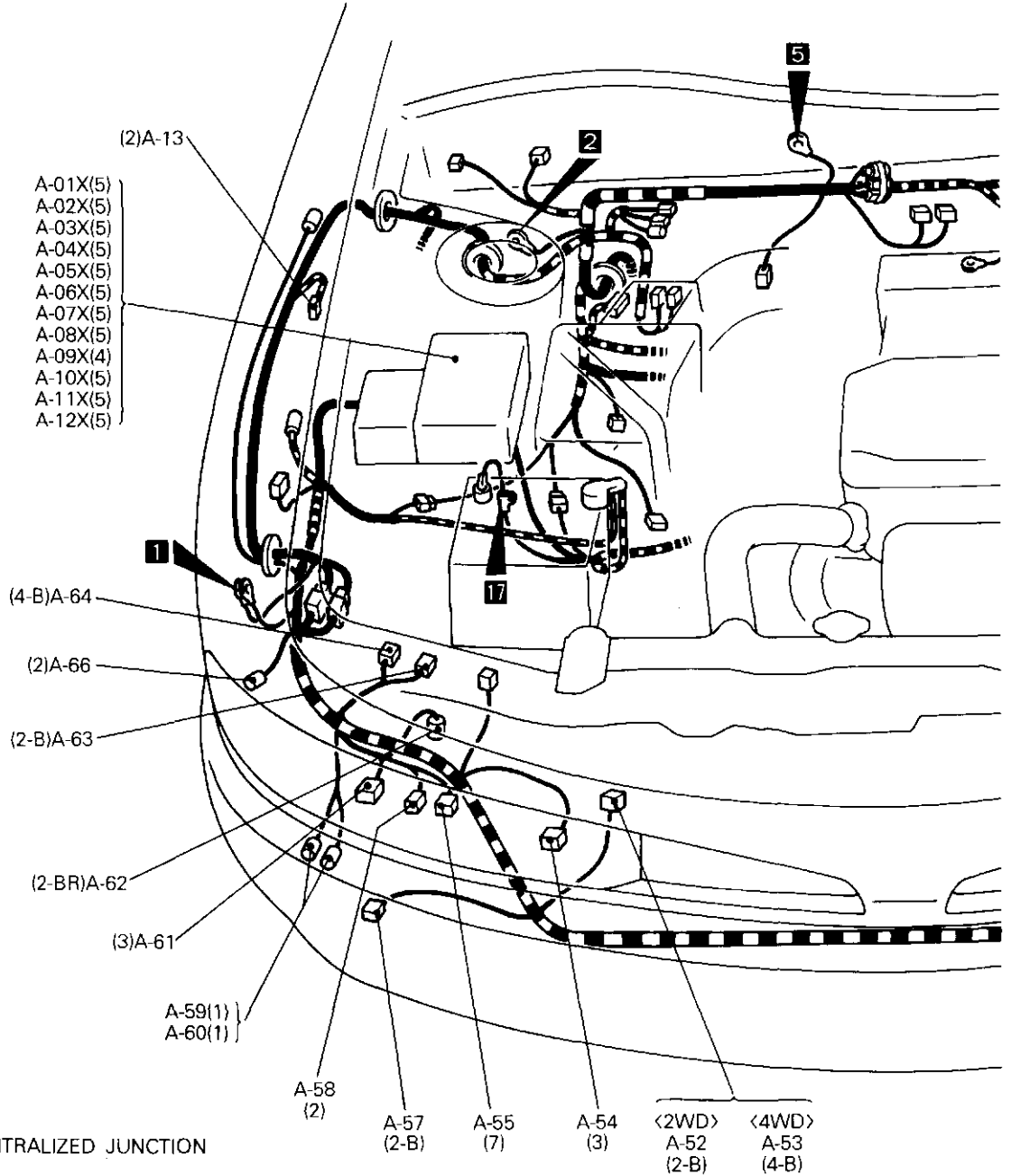


- |       |   |       |  |
|-------|---|-------|--|
| A-93  | Ignition timing adjustment connector      | A-117 | Pulse generator                                      |
| A-94  | Engine speed detection connector          | A-118 | Back-up lamp switch                                  |
| A-95  | }   | A-119 | —  |
| thru  |   | A-120 | Control wiring harness and battery cable combination |
| A-101 | —   | A-121 | —  |
| A-102 | EGR solenoid valve                        | A-122 | Front wiring harness and battery cable combination   |
| A-103 | Purge control solenoid valve              | A-123 | }  |
| A-104 | }   | thru  |  |
| thru  |   | A-126 | —  |
| A-107 | —   | A-127 | Speed sensor (Front: RH)                             |
| A-108 | Brake fluid level switch or no connection | A-128 | Air flow sensor                                      |
| A-109 | }   | A-129 | Resistor   |
| thru  |   |       |  |
| A-116 | —   |       |  |

# ENGINE COMPARTMENT

4G63 SOHC-MPI <L.H. drive vehicles>

Connector symbol  
**A** -01 thru -66

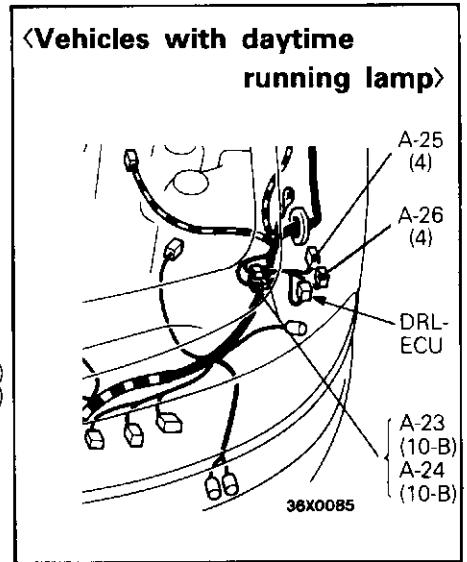
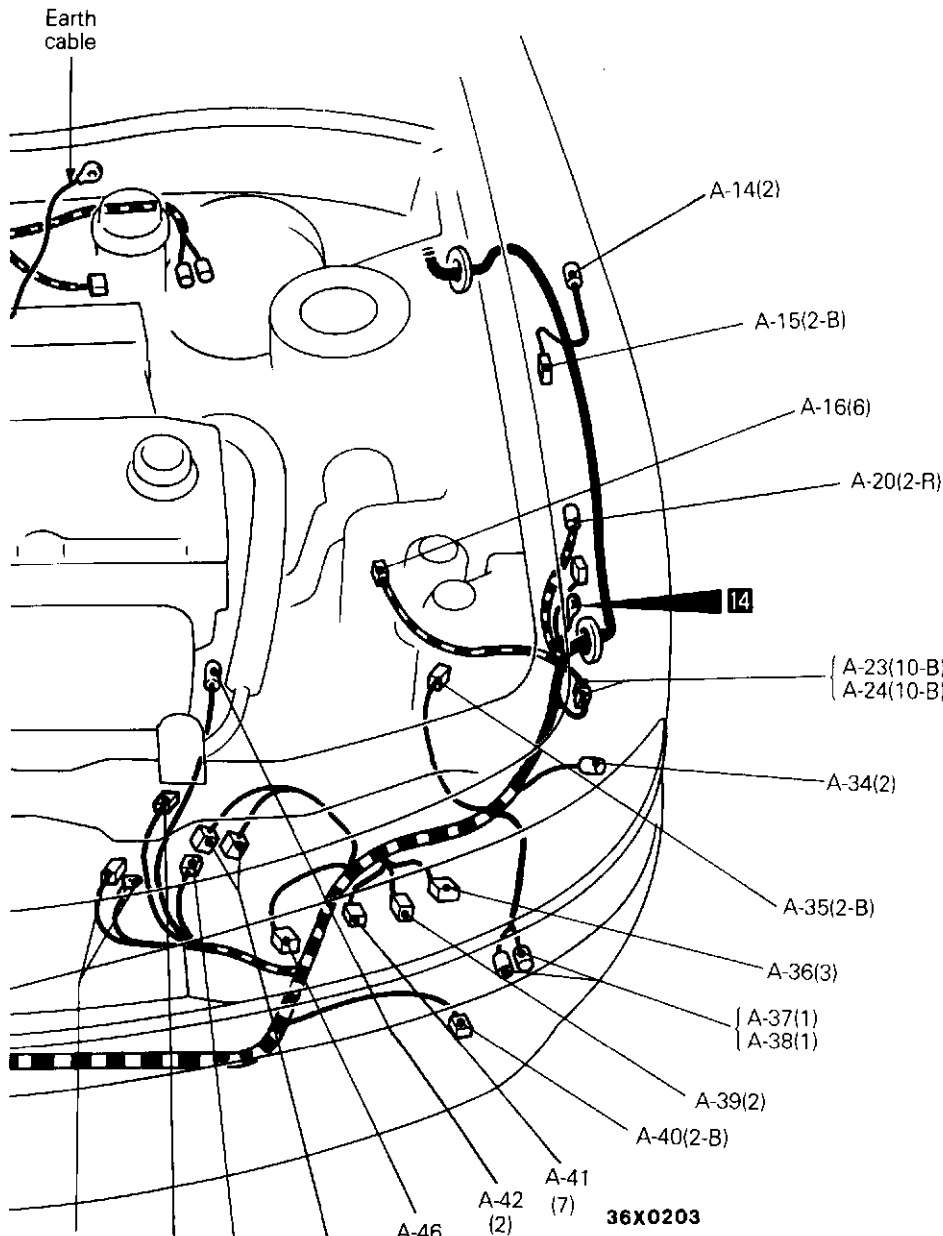


A-01X }  
 thru } Refer to CENTRALIZED JUNCTION  
 A-12X }

- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 -
- A-18 -
- A-19 -
- A-20 Front impact sensor (LH)
- A-21 -
- A-22 -

- A-23 } Front wiring harness and daytime running lamp wiring
- A-24 } harness combination or front wiring harness joint connector

- A-25 Daytime running lamp relay (I)
- A-26 Daytime running lamp relay (II)
- A-27 } -
- A-28 } -
- A-29 } -
- A-30 } -
- A-31 } -
- A-32 } -
- A-33 } -
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 } Horn (LH)
- A-38 }



36X0203

A-48(2-B)  
A-49(1)

A-47 (1)  
A-45 (1)  
A-43(2)  
A-44(2-GR)

A-46 (3)

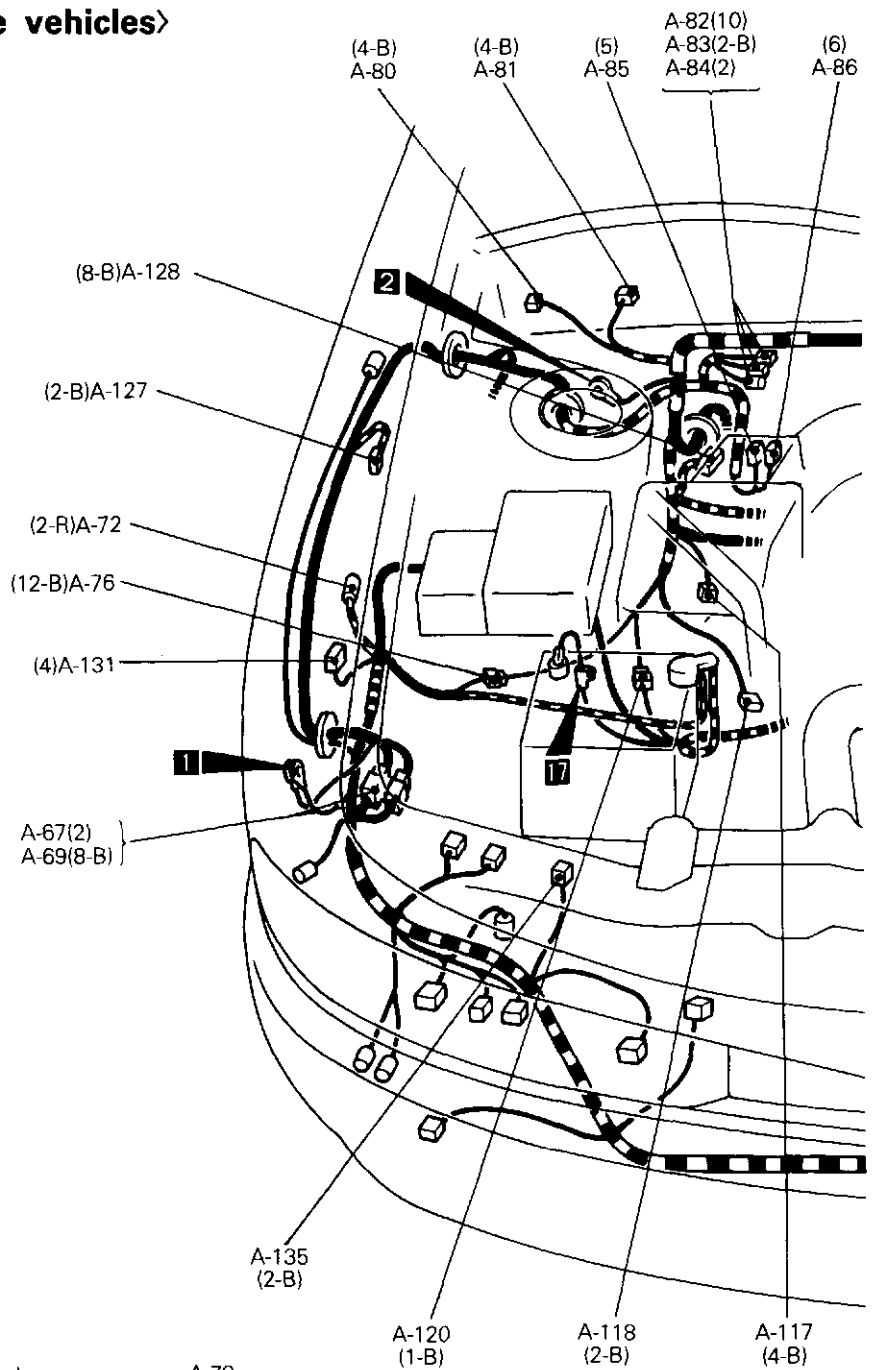
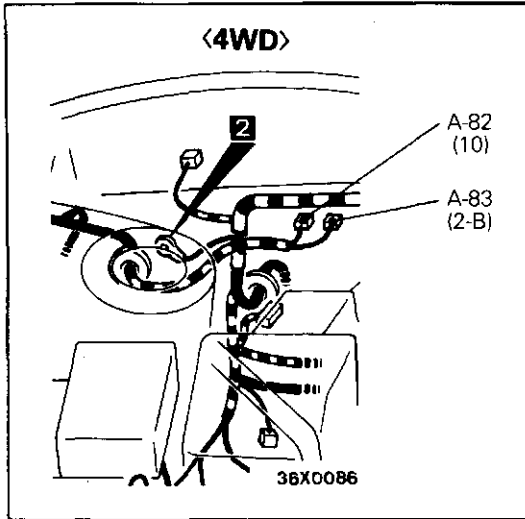
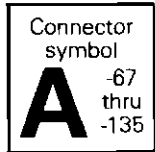
A-42 (2)

A-41 (7)

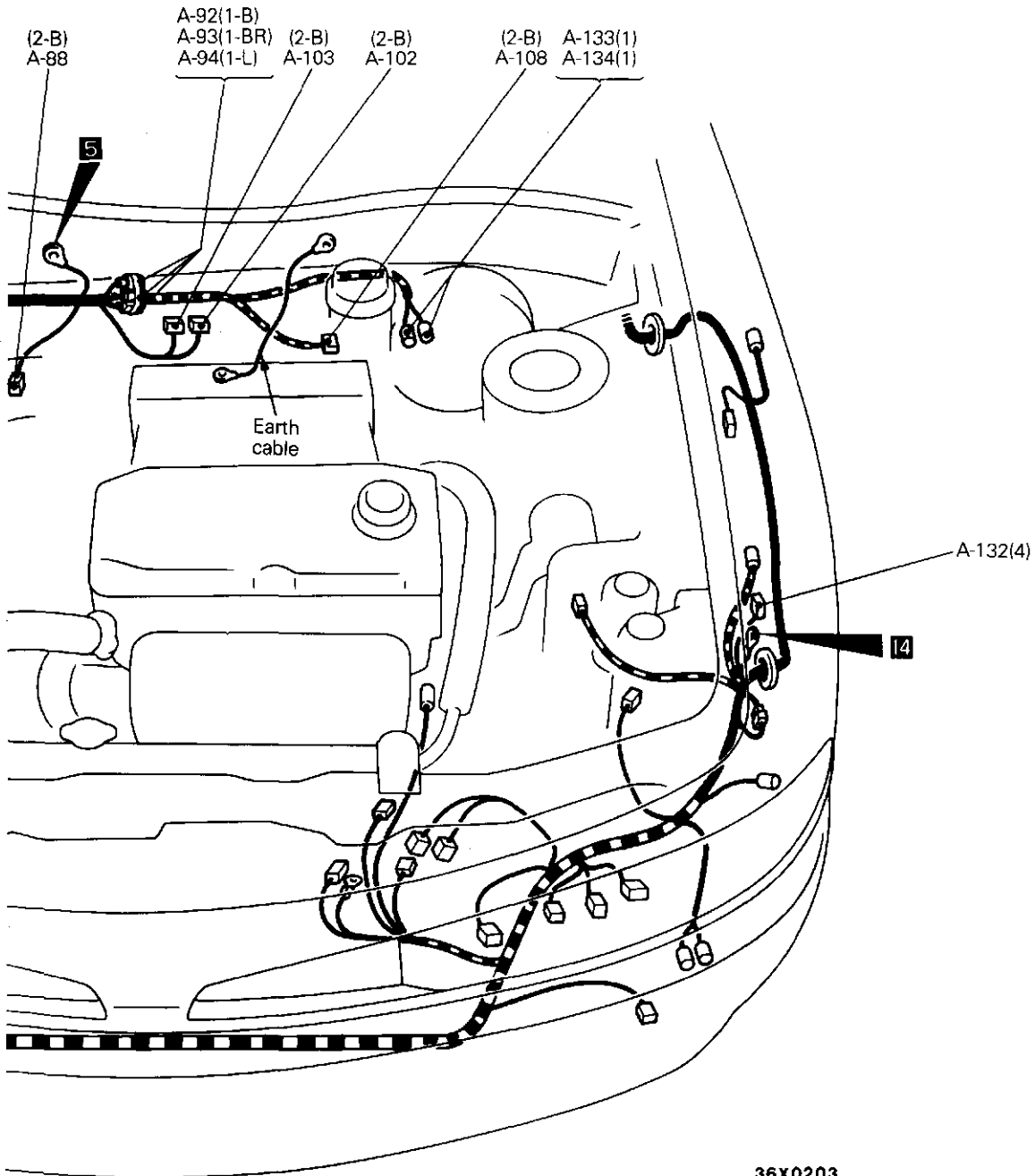
- A-39 Position lamp (LH)
- A-40 Front fog lamp (LH)
- A-41 Headlamp leveling unit (LH)
- A-42 Engine oil level sensor
- A-43 } Condenser fan motor
- A-44 }
- A-45 Oil pressure switch
- A-46 Headlamp (LH)
- A-47 Power steering oil pressure switch
- A-48 } Alternator
- A-49 }
- A-50 -
- A-51 -

- A-52 } Radiator fan motor
- A-53 }
- A-54 Headlamp (RH)
- A-55 Headlamp leveling unit (RH)
- A-56 -
- A-57 Front fog lamp (RH)
- A-58 Position lamp (RH)
- A-59 } Horn (RH)
- A-60 }
- A-61 Headlamp (RH)
- A-62 Dual pressure switch
- A-63 Headlamp washer motor
- A-64 Washer fluid level sensor and windshield washer motor
- A-65 -
- A-66 Front turn signal lamp (RH)

4G63 SOHC-MPI <L.H. drive vehicles>



|      |   |      |                                      |
|------|---|------|--------------------------------------|
| A-67 | Front wiring harness and ABS wiring harness combination     | A-79 | —                                    |
| A-68 | —   | A-80 | Vacuum pump                          |
| A-69 | Front wiring harness and ABS wiring harness combination     | A-81 | Windshield wiper motor               |
| A-70 | —   | A-82 | Hydraulic unit                       |
| A-71 | —   | A-83 |                                      |
| A-72 | Front impact sensor (RH)                                    | A-84 |                                      |
| A-73 | —   | A-85 | Motor relay                          |
| A-74 | —   | A-86 | Valve relay                          |
| A-75 | —   | A-87 | —                                    |
| A-76 | Front wiring harness and control wiring harness combination | A-88 | EPS solenoid valve                   |
| A-77 | —   | A-89 | —                                    |
| A-78 | —   | A-90 | —                                    |
|      |   | A-91 | —                                    |
|      |   | A-92 | Fuel pump check connector            |
|      |   | A-93 | Ignition timing adjustment connector |



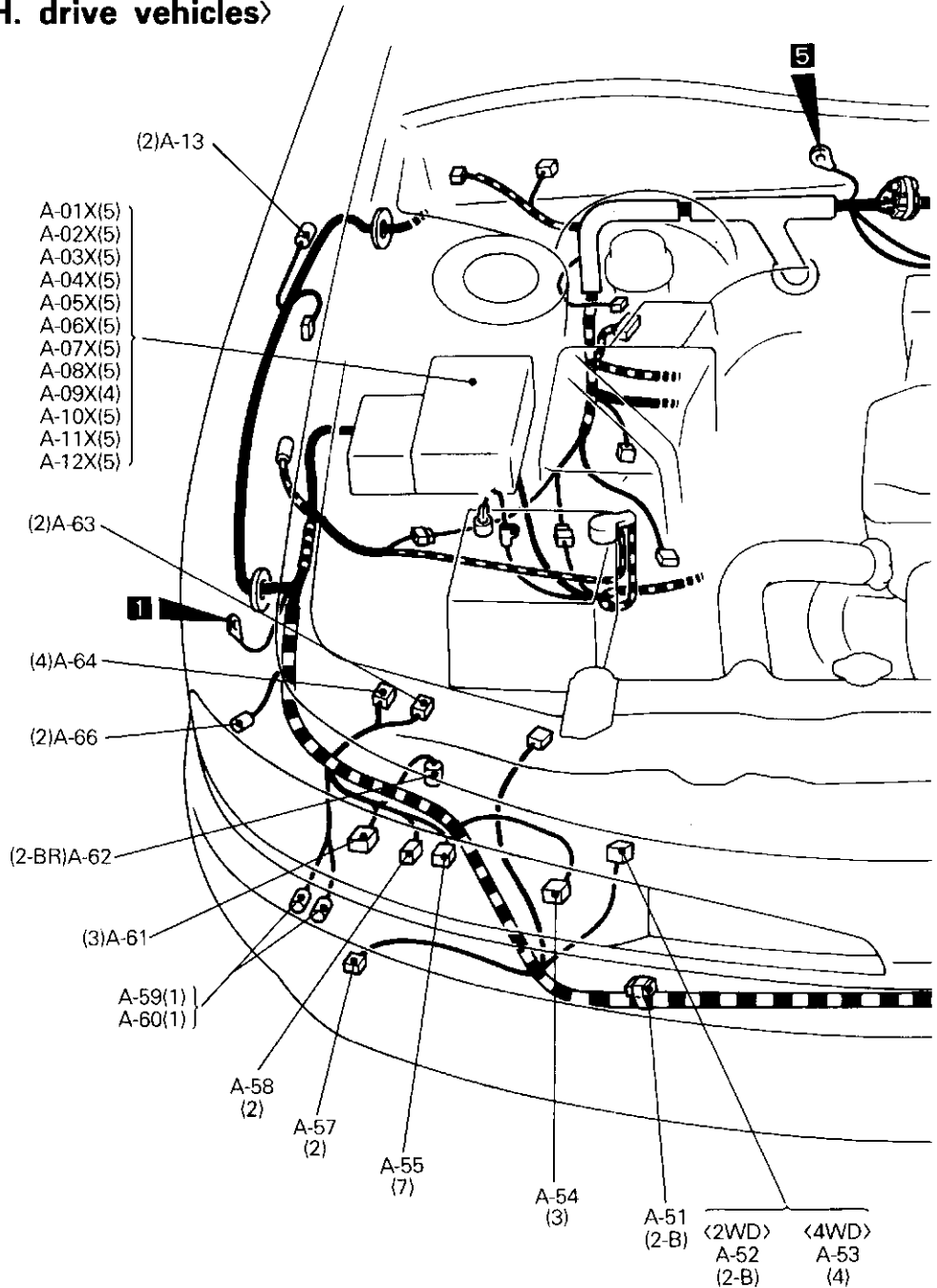
36X0203

|       |                                  |       |  |
|-------|----------------------------------|-------|--|
| A-94  | Engine speed detection connector | A-119 | —  |
| A-95  | }                                | A-120 | Control wiring harness and battery cable combination |
| thru  |                                  | A-121 | }  |
| A-101 | —                                | A-126 |  |
| A-102 | EGR solenoid valve               | A-127 | Speed sensor (Front: RH)                             |
| A-103 | Purge control solenoid valve     | A-128 | Air flow sensor                                      |
| A-104 | }                                | A-129 | —  |
| thru  |                                  | A-130 | —  |
| A-107 | —                                | A-131 | Theft-alarm starter relay                            |
| A-108 | Brake fluid level switch         | A-132 | Theft-alarm horn relay                               |
| A-109 | }                                | A-133 | Theft-alarm horn                                     |
| thru  |                                  | A-134 |  |
| A-116 | —                                | A-135 | Hood switch  |
| A-117 | Pulse generator                  |       |  |
| A-118 | Back-up lamp switch              |       |  |

# ENGINE COMPARTMENT

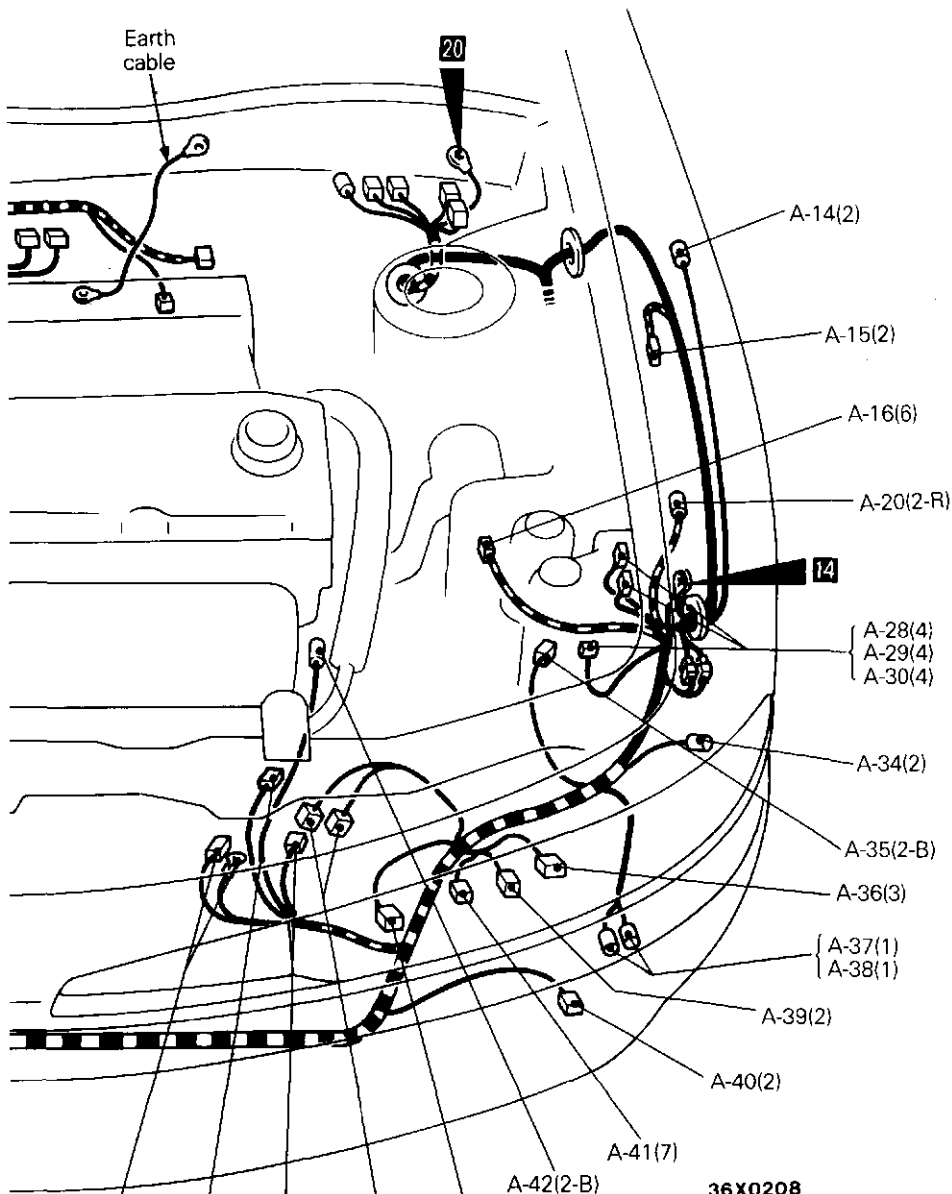
4G63 SOHC-MPI <R.H. drive vehicles>

Connector symbol  
**A** -01 thru -66



- A-01X } Refer to CENTRALIZED JUNCTION
- thru }
- A-12X }
- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 —
- A-18 —
- A-19 —
- A-20 Front impact sensor (LH)
- A-21 } —
- thru }
- A-27 }

- A-28 Dim-dip lamp relay 1
- A-29 Dim-dip lamp relay 2 or jumper connector
- A-30 Dim-dip lamp relay 3 or jumper connector
- A-31 —
- A-32 —
- A-33 —
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 } Horn (LH)
- A-38 }
- A-39 Position lamp (LH)
- A-40 Front fog lamp (LH)

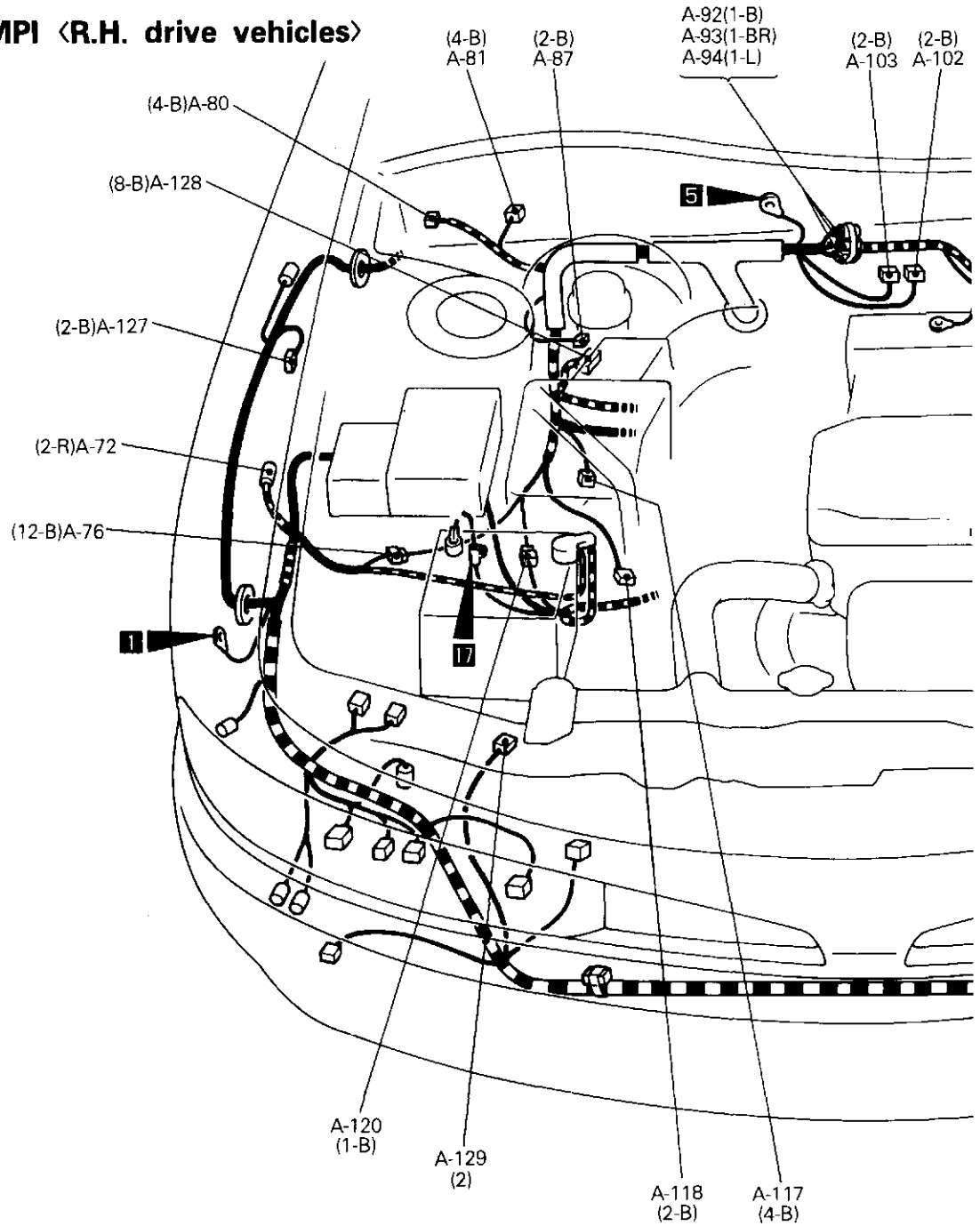


36X0208

- |           |          |        |                                    |        |   |
|-----------|----------|--------|------------------------------------|--------|---|
| A-48(2-B) | A-49(1)  | A-41   | Headlamp leveling unit (LH)        | A-53   | —   |
| A-47 (1)  | A-45 (1) | A-42   | Engine oil level sensor            | A-54   | Headlamp (RH)   |
| A-43(2)   | A-44(2)  | A-43 } | Condenser fan motor                | A-55   | Headlamp leveling unit (RH)                           |
| A-44(2)   |          | A-44 } |                                    | A-56   | —   |
| A-45 (1)  |          | A-45   | Oil pressure switch                | A-57   | Front fog lamp (RH)                                   |
| A-46 (3)  |          | A-46   | Headlamp (LH)                      | A-58   | Position lamp (RH)                                    |
| A-43(2)   | A-44(2)  | A-47   | Power steering oil pressure switch | A-59 } | Horn (RH)   |
| A-44(2)   |          | A-48 } | Alternator                         | A-60 } |   |
| A-49(1)   |          | A-49 } |                                    | A-50   | —   |
|           |          | A-51   | —                                  | A-61   | Headlamp (RH)   |
|           |          | A-52   | Radiator fan motor                 | A-62   | Dual pressure switch                                  |
|           |          |        |                                    | A-63   | Headlamp washer motor                                 |
|           |          |        |                                    | A-64   | Washer fluid level sensor and windshield washer motor |
|           |          |        |                                    | A-65   | —   |
|           |          |        |                                    | A-66   | Front turn signal lamp (RH)                           |

4G63 SOHC-MPI <R.H. drive vehicles>

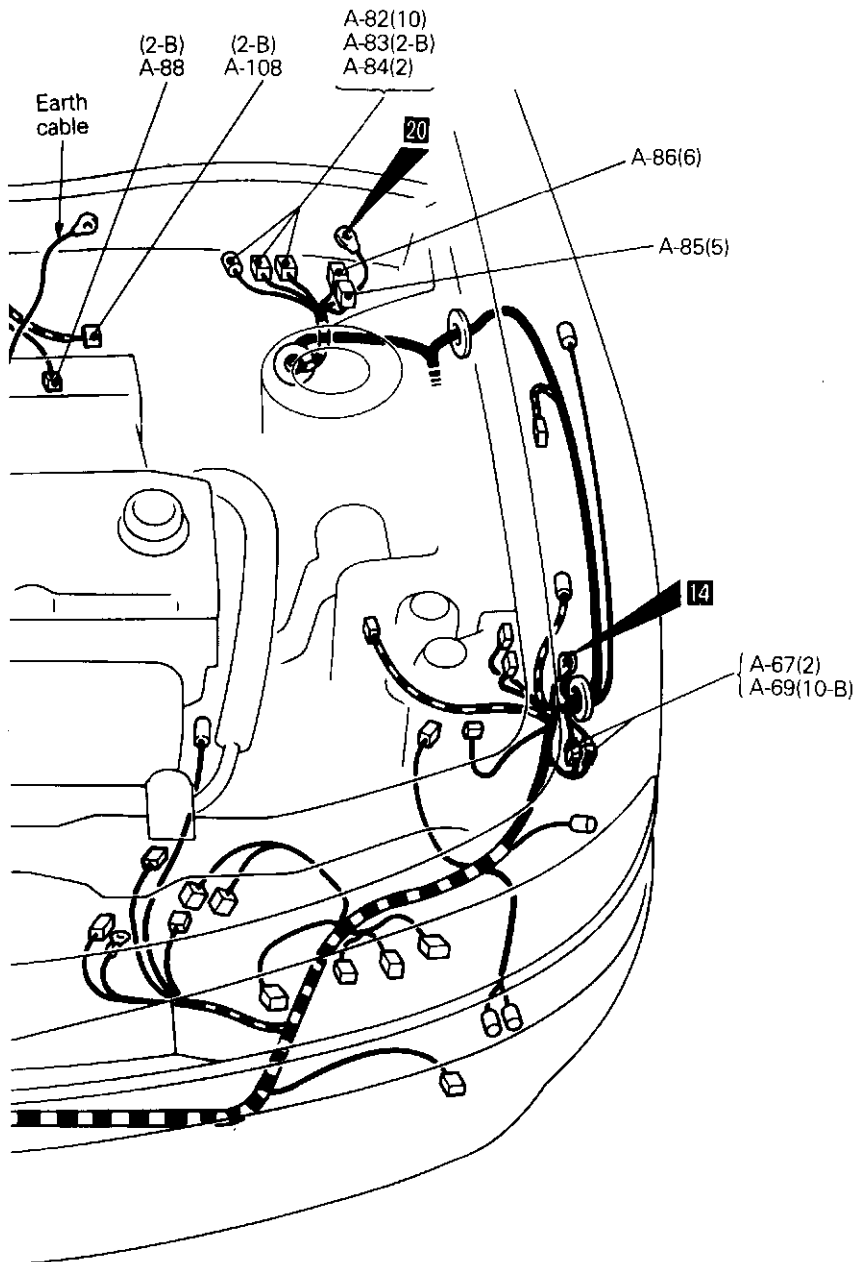
Connector symbol  
**A** -67 thru -129



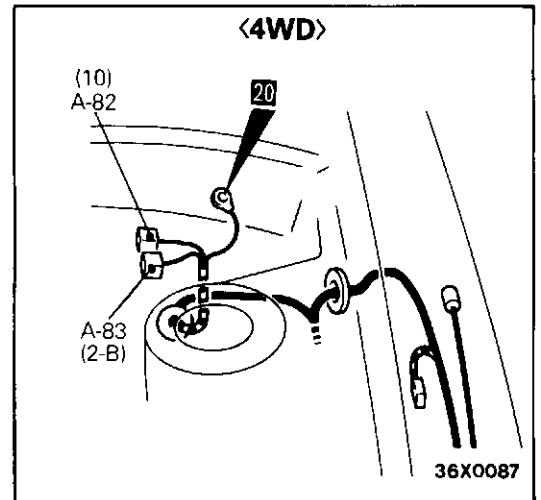
- A-67 Front wiring harness and ABS wiring harness combination
- A-68 —
- A-69 Front wiring harness and ABS wiring harness combination
- A-70 —
- A-71 —
- A-72 Front impact sensor (RH)
- A-73 —
- A-74 —
- A-75 —
- A-76 Front wiring harness and control wiring harness combination
- A-77 —

- A-78 —
- A-79 —
- A-80 Vacuum pump
- A-81 Windshield wiper motor
- A-82 } Hydraulic unit
- A-83 }
- A-84 }
- A-85 Motor relay
- A-86 Valve relay
- A-87 Brake fluid level switch
- A-88 EPS solenoid valve
- A-89 —
- A-90 —





36X0208



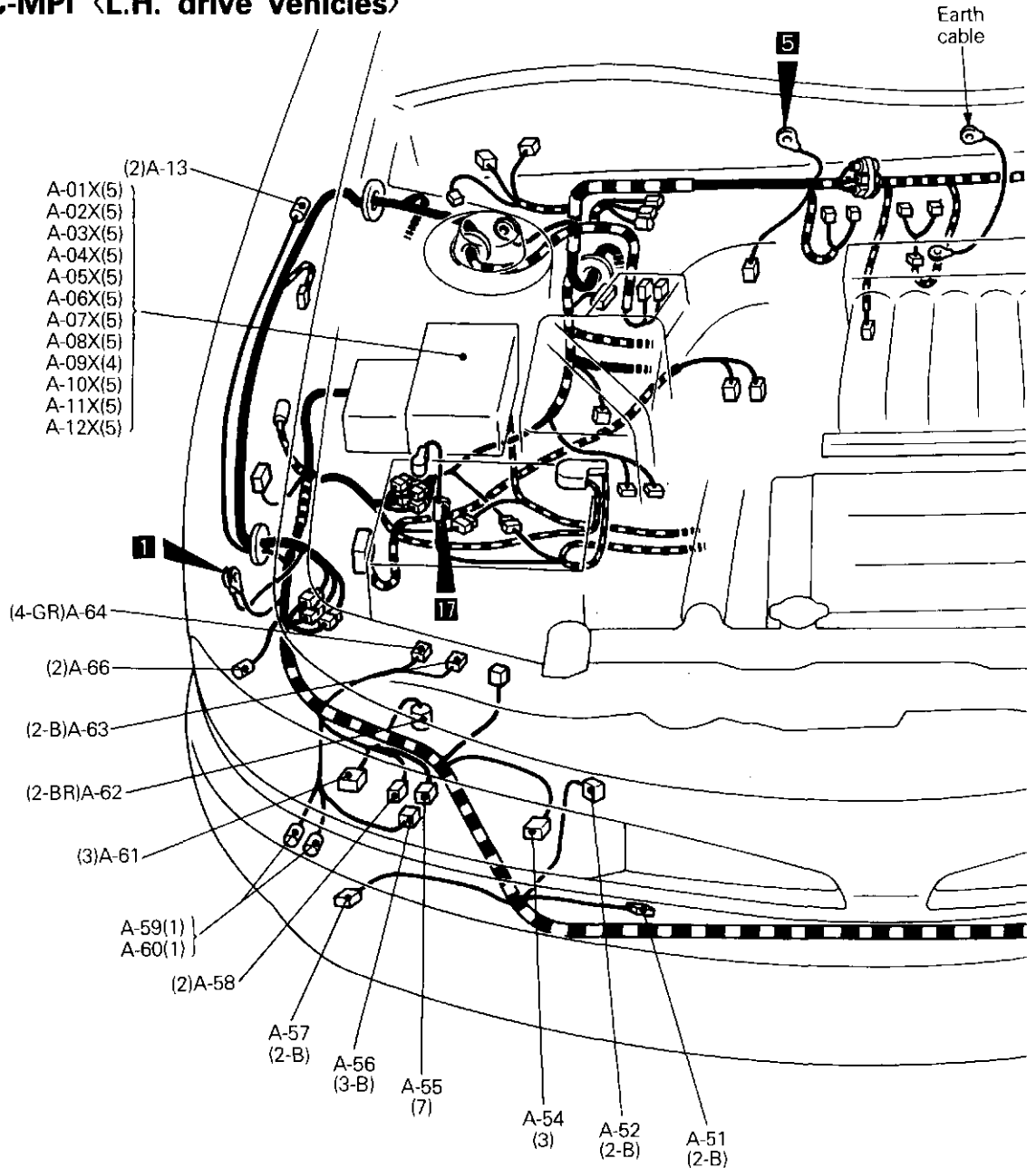
36X0087

- |       |   |       |  |
|-------|---|-------|--|
| A-91  | —   | A-109 | } —  |
| A-92  | Fuel pump check connector                 | A-116 |  |
| A-93  | Ignition timing adjustment connector      | A-117 | Pulse generator                                      |
| A-94  | Engine speed detection connector          | A-118 | Back-up lamp switch                                  |
| A-95  | } —                                       | A-119 | —  |
| thru  |   | A-120 | Control wiring harness and battery cable combination |
| A-101 | —   | A-121 | } —  |
| A-102 | EGR solenoid valve                        | A-126 |  |
| A-103 | Purge control solenoid valve              | A-127 | Speed sensor (Front: RH)                             |
| A-104 | } —                                       | A-128 | Air flow sensor                                      |
| thru  |   | A-129 | Resistor   |
| A-107 | —   |       |  |
| A-108 | Brake fluid level switch or no connection |       |  |

# ENGINE COMPARTMENT

6A12 DOHC-MPI <L.H. drive vehicles>

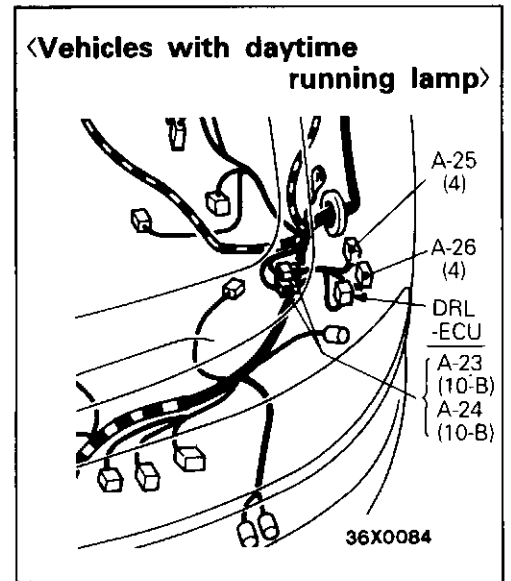
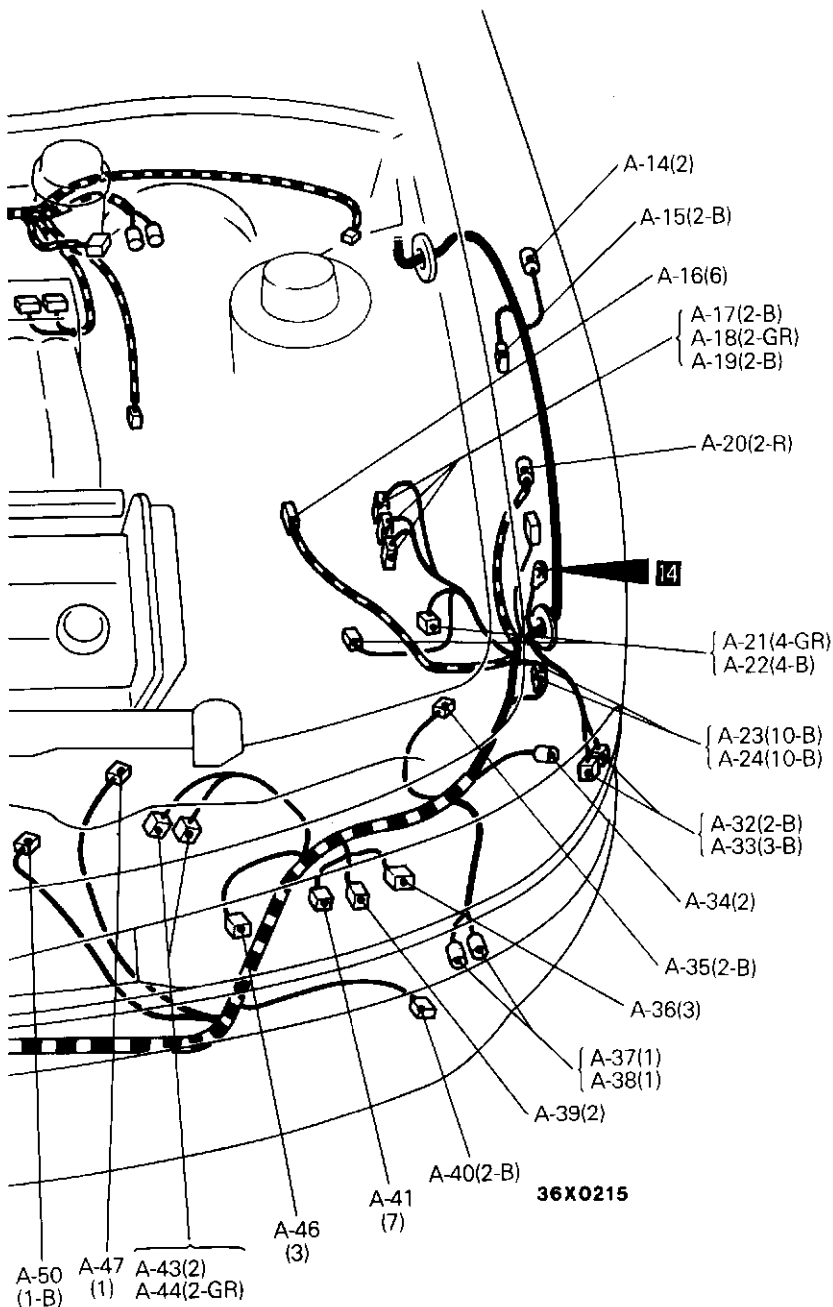
Connector symbol  
**A** -01 thru -66



A-01X }  
 thru } Refer to CENTRALIZED JUNCTION  
 A-12X }

- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 Flow divider assembly
- A-18 Rear wheel control valve assembly (RH)
- A-19 Rear wheel control valve assembly (LH)
- A-20 Front impact sensor (LH)
- A-21 Flow control solenoid valve assembly
- A-22 Front solenoid valve assembly
- A-23 } Front wiring harness and daytime running lamp wiring
- A-24 } harness combination or front wiring harness joint connector

- A-25 Daytime running lamp relay (I)
- A-26 Daytime running lamp relay (II)
- A-27 }  
 thru } —
- A-31 }  
 thru } —
- A-32 Reserve tank
- A-33 Pressure switch
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 }  
 thru } —
- A-38 }  
 thru } —



36X0215

36X0084

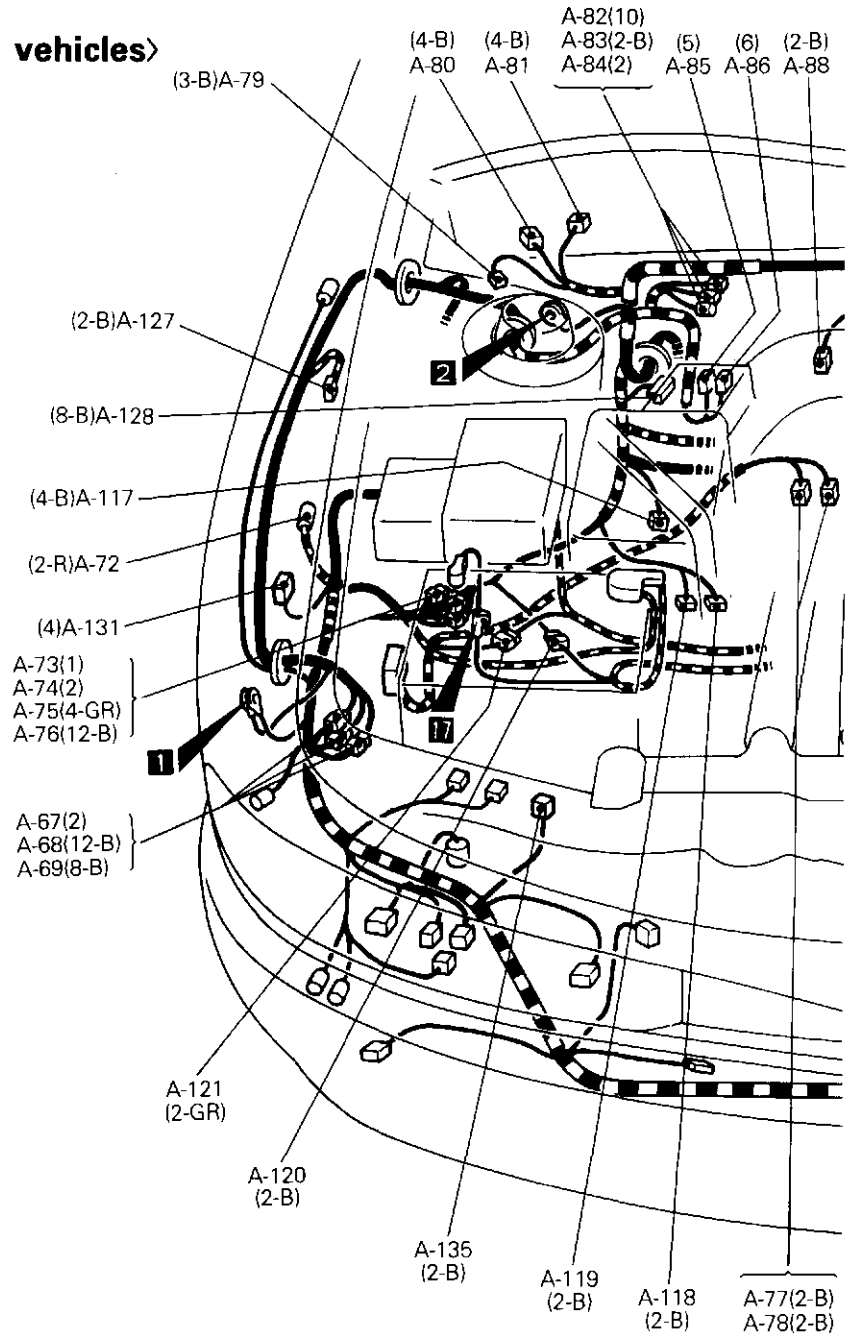
A-50 (1-B)  
A-47 (1)  
A-43(2)  
A-44(2-GR)

- A-39 Position lamp (LH)
- A-40 Front fog lamp (LH)
- A-41 Headlamp leveling unit (LH)
- A-42 —
- A-43 } Condenser fan motor
- A-44 }
- A-45 —
- A-46 Headlamp (LH)
- A-47 Power steering oil pressure switch
- A-48 —
- A-49 —
- A-50 A/C compressor and magnetic clutch assembly
- A-51 Outside thermometer sensor
- A-52 Radiator fan motor
- A-53 —

- A-54 Headlamp (RH)
- A-55 Headlamp leveling unit (RH)
- A-56 G sensor
- A-57 Front fog lamp (RH)
- A-58 Position lamp (RH)
- A-59 } Horn (RH)
- A-60 }
- A-61 Headlamp (RH)
- A-62 Dual pressure switch
- A-63 Headlamp washer motor
- A-64 Washer fluid level sensor and windshield washer motor
- A-65 —
- A-66 Front turn signal lamp (RH)

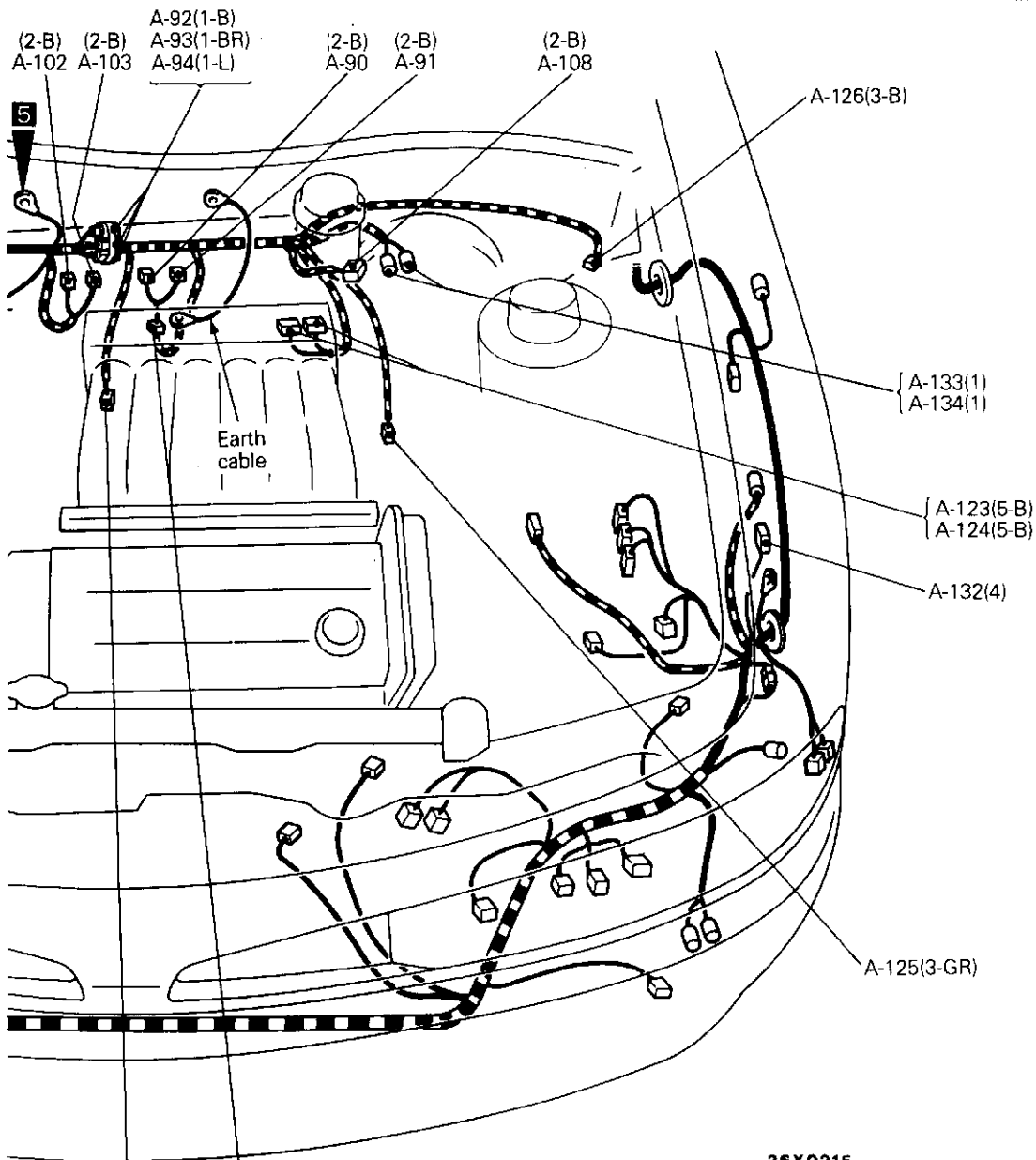
6A12 DOHC-MPI <L.H. drive vehicles>

Connector symbol  
**A** -67 thru -135



- A-67 } Front wiring harness and ABS wiring harness combination
- A-68 }
- A-69 }
- A-70 —
- A-71 —
- A-72 Front impact sensor (RH)
- A-73 } Front wiring harness and control wiring harness combination
- thru }
- A-76 }
- A-77 Air compressor
- A-78 Exhaust solenoid valve
- A-79 Shock absorber (Front: RH)
- A-80 Vacuum pump
- A-81 Windshield wiper motor

- A-82 } Hydraulic unit
- A-83 }
- A-84 }
- A-85 Motor relay
- A-86 Valve relay
- A-87 —
- A-88 EPS solenoid valve
- A-89 Solenoid valve assembly
- A-90 Ventilation solenoid valve
- A-91 Vacuum solenoid valve
- A-92 Fuel pump check connector
- A-93 Ignition timing adjustment connector
- A-94 Engine speed detection connector

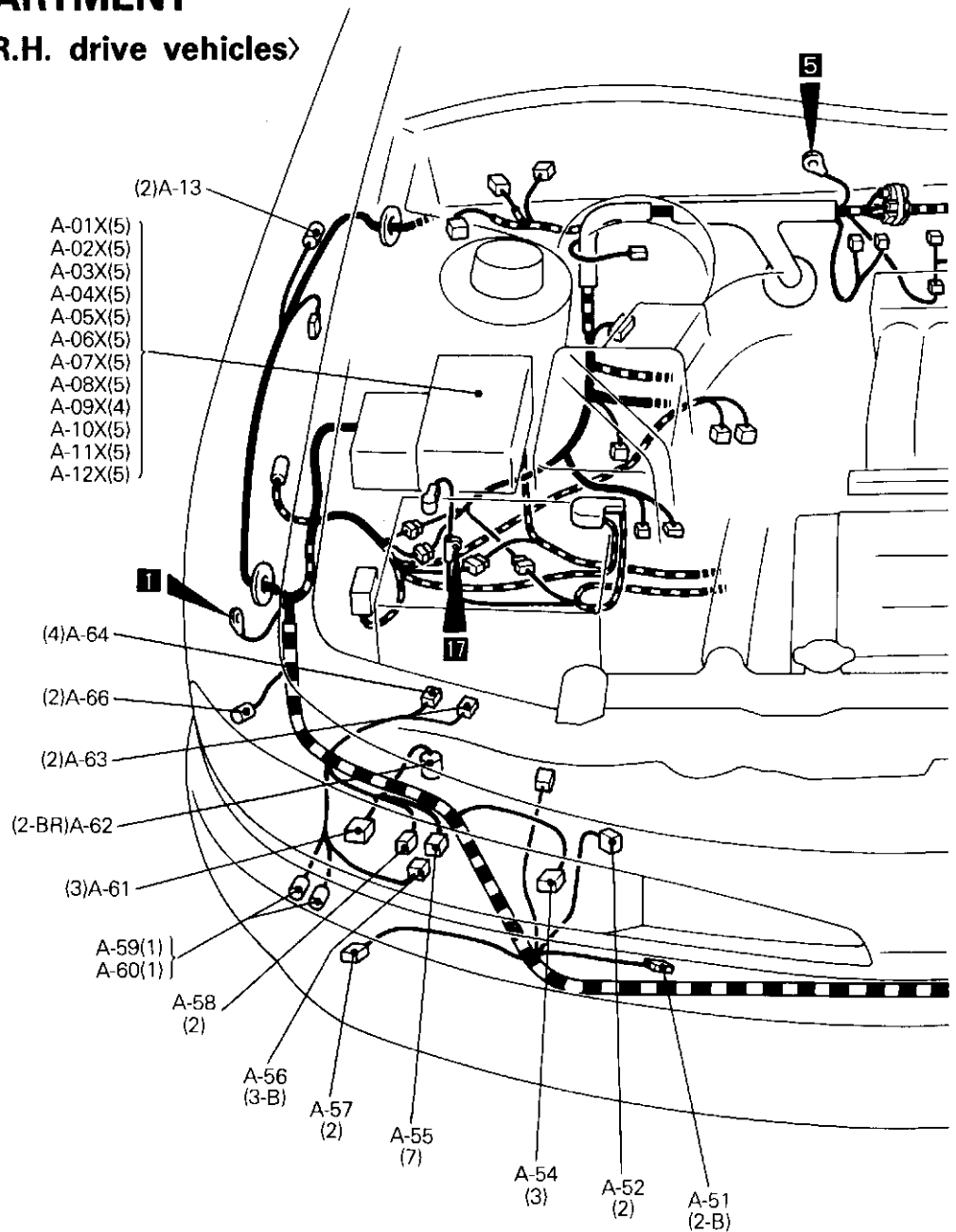
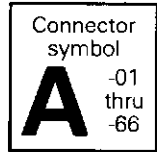


36X0215

|            |   |  |       |  |
|------------|---|--|-------|--|
| A-95       | } | -  | A-121 | Front wiring harness and injector wiring harness combination |
| thru A-101 |   |  | A-122 | -  |
| A-102      |   | EGR solenoid valve                                   | A-123 | Return pump relay  |
| A-103      |   | Purge control solenoid valve                         | A-124 | Compressor relay   |
| A-104      |   | TCL valve  | A-125 | Front stroke sensor  |
| A-105      |   | -  | A-126 | Shock absorber (Front: LH)                                   |
| A-106      |   | -  | A-127 | Speed sensor (Front: RH)                                     |
| A-107      |   | -  | A-128 | Air flow sensor  |
| A-108      |   | Brake fluid level switch                             | A-129 | -  |
| A-109      | } | -  | A-130 | -  |
| thru A-116 |   |  | A-131 | Theft-alarm starter relay                                    |
| A-117      |   | Pulse generator                                      | A-132 | Theft-alarm horn relay                                       |
| A-118      |   | Back-up lamp switch                                  | A-133 | } Theft-alarm horn   |
| A-119      |   | First detection switch                               | A-134 |  |
| A-120      |   | Control wiring harness and battery cable combination | A-135 | Hood switch  |

# ENGINE COMPARTMENT

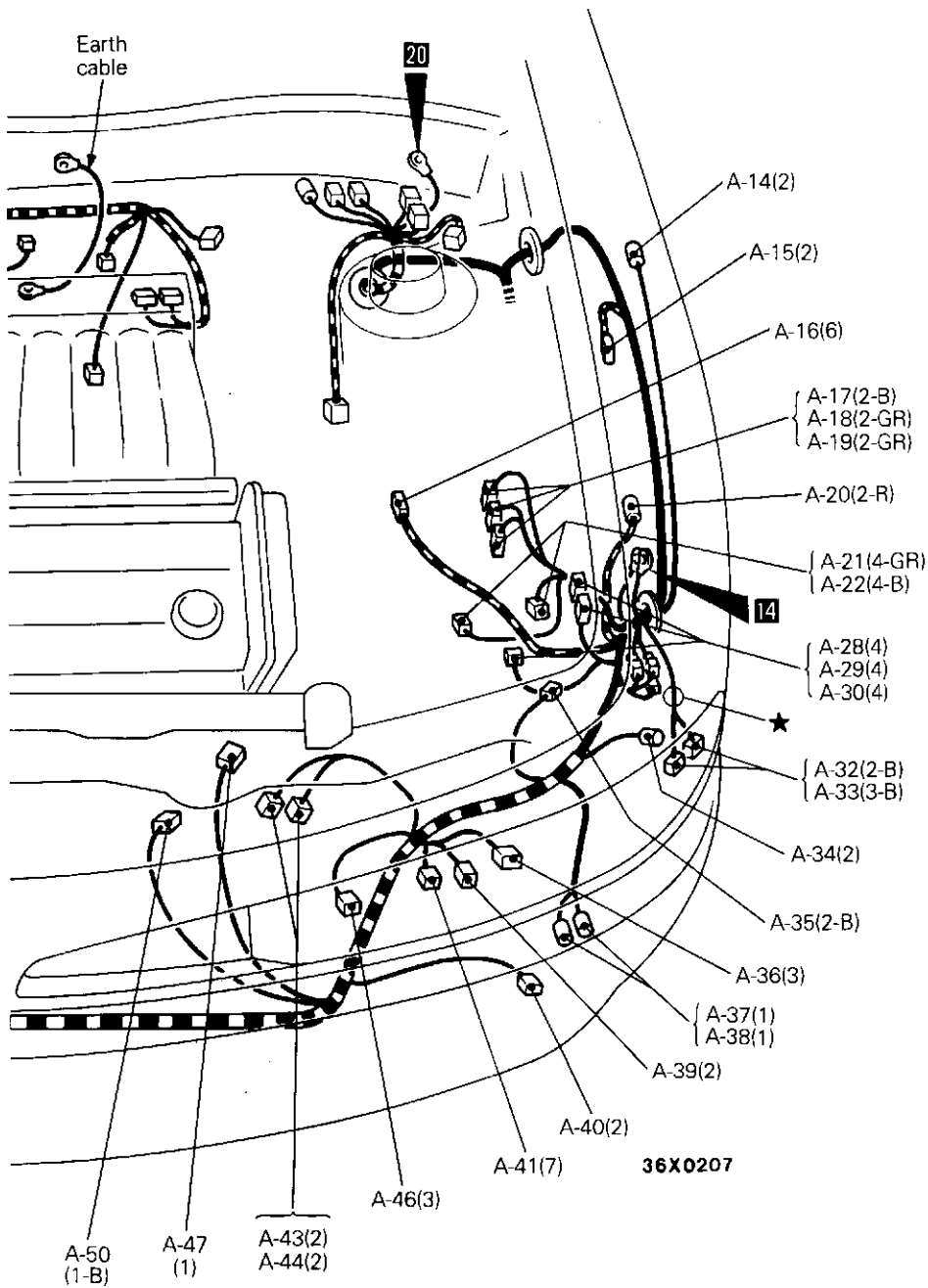
6A12 DOHC-MPI <R.H. drive vehicles>



A-01X }  
thru } Refer to CENTRALIZED JUNCTION  
A-12X }

- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 Flow divider assembly
- A-18 Rear wheel control valve assembly (RH)
- A-19 Rear wheel control valve assembly (LH)
- A-20 Front impact sensor (LH)
- A-21 Flow control solenoid valve assembly
- A-22 Front solenoid valve assembly
- A-23 }  
thru } -
- A-27 }

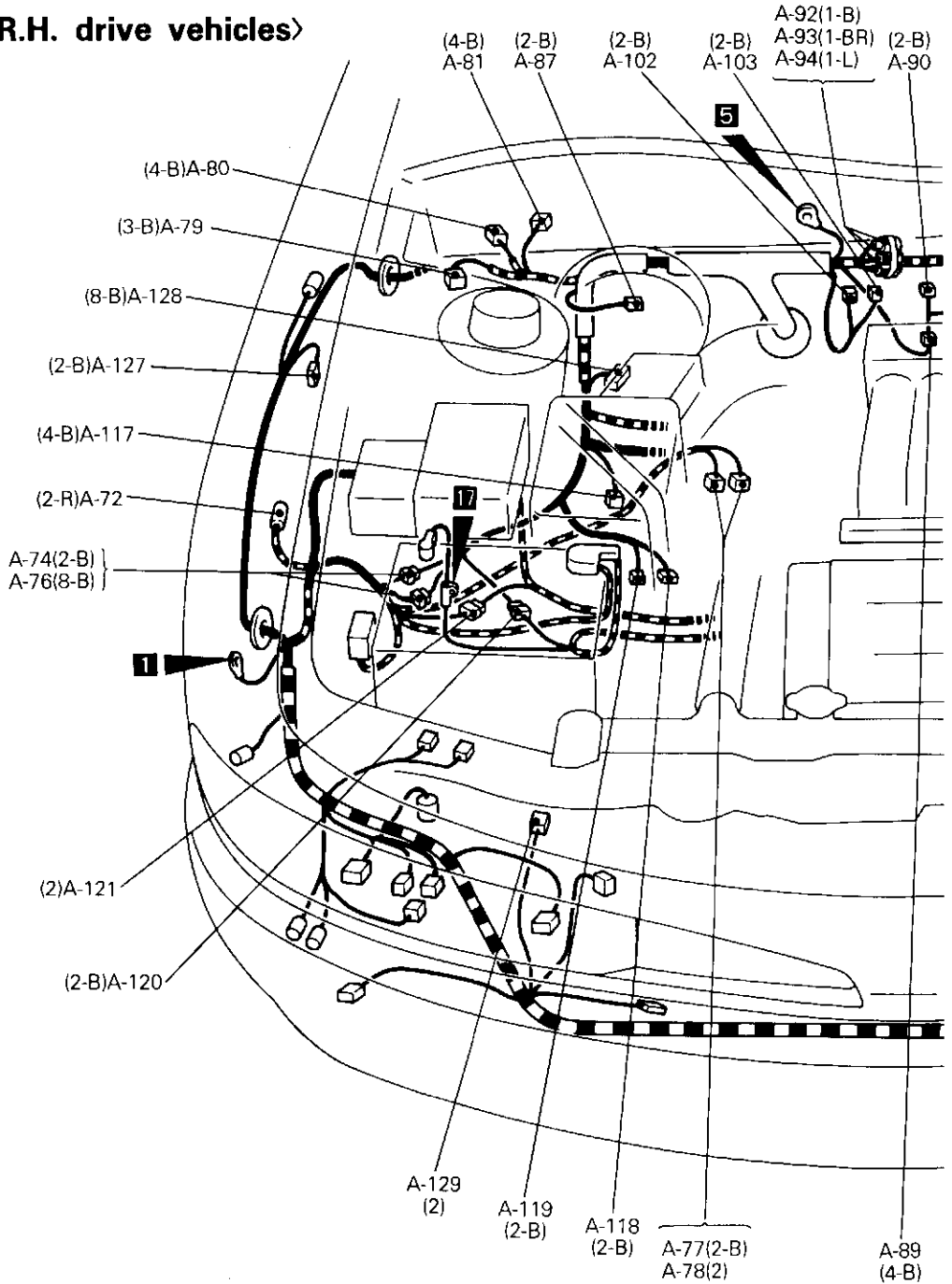
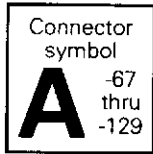
- A-28 Dim-dip lamp relay 1
- A-29 Dim-dip lamp relay 2 or jumper connector
- A-30 Dim-dip lamp relay 3 or jumper connector
- A-31 -
- A-32 Reserve tank
- A-33 Pressure switch
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 }  
A-38 } Horn (LH)
- A-39 Position lamp (LH)



36X0207

- |      |   |      |   |
|------|---|------|---|
| A-40 | Front fog lamp (LH)                         | A-54 | Headlamp (RH)   |
| A-41 | Headlamp leveling unit (LH)                 | A-55 | Headlamp leveling unit (RH)                           |
| A-42 | —   | A-56 | G sensor  |
| A-43 | Condenser fan motor                         | A-57 | Front fog lamp (RH)                                   |
| A-44 |   | A-58 | Position lamp (RH)                                    |
| A-45 | —   | A-59 | Horn (RH)   |
| A-46 | Headlamp (LH)                               | A-60 |   |
| A-47 | Power steering oil pressure switch          | A-61 | Headlamp (RH)   |
| A-48 | —   | A-62 | Dual pressure switch                                  |
| A-49 | —   | A-63 | Headlamp washer motor                                 |
| A-50 | A/C compressor and magnetic clutch assembly | A-64 | Washer fluid level sensor and windshield washer motor |
| A-51 | Outside thermometer sensor                  | A-65 | —   |
| A-52 | Radiator fan motor                          | A-66 | Front turn signal lamp (RH)                           |
| A-53 | —   |      |   |

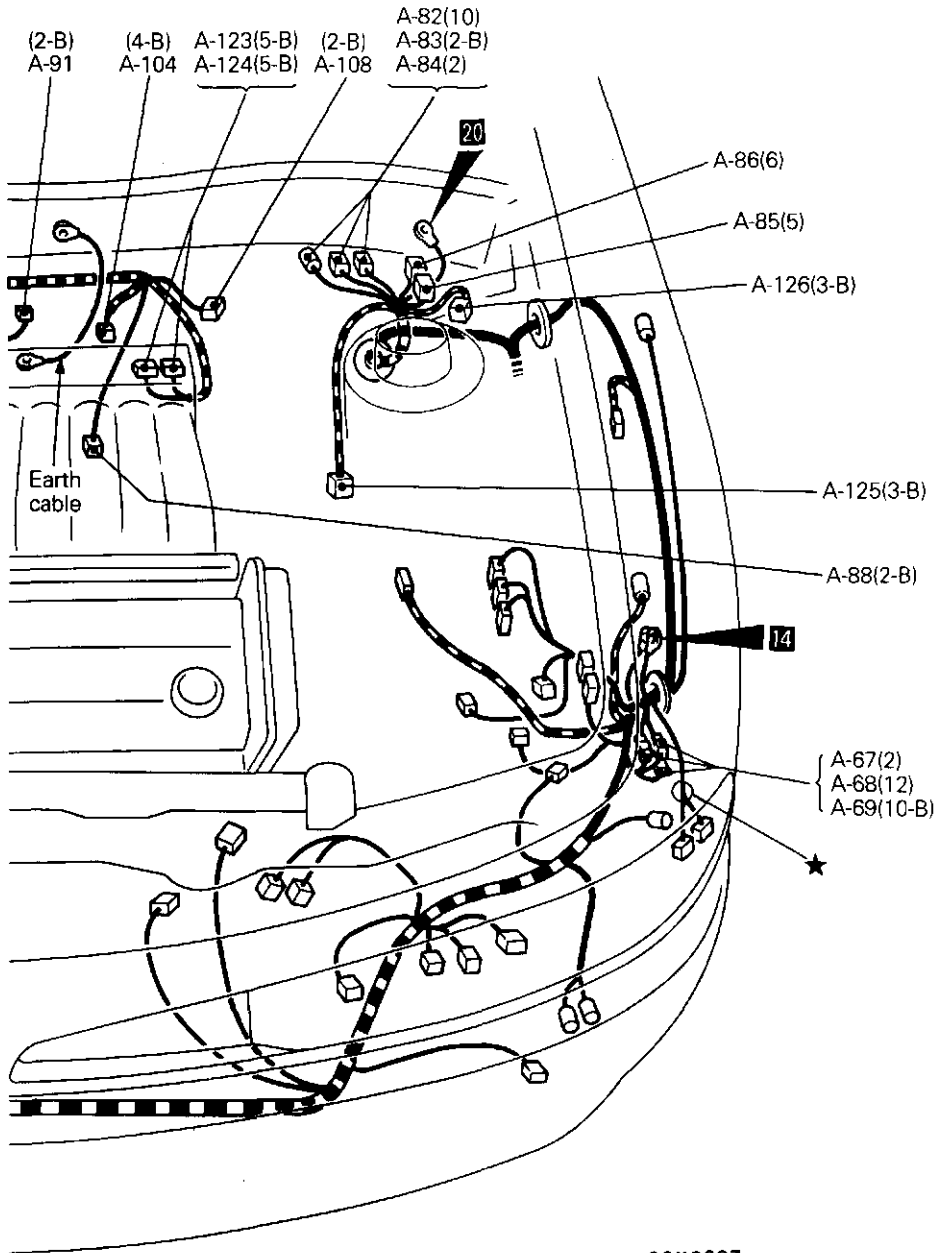
6A12 DOHC-MPI <R.H. drive vehicles>



- A-67 } Front wiring harness and ABS wiring harness
- A-68 } combination
- A-69 } —
- A-70 } —
- A-71 } —
- A-72 } Front impact sensor (RH)
- A-73 } —
- A-74 } Front wiring harness and control wiring harness
- A-75 } combination
- A-76 } Front wiring harness and control wiring harness
- A-77 } combination
- A-77 } Air compressor
- A-78 } Exhaust solenoid valve
- A-79 } Shock absorber (Front: RH)

- A-80 } Vacuum pump
- A-81 } Windshield wiper motor
- A-82 } —
- A-83 } Hydraulic unit
- A-84 } —
- A-85 } Motor relay
- A-86 } Valve relay
- A-87 } Brake fluid level switch
- A-88 } EPS solenoid valve
- A-89 } Solenoid valve assembly
- A-90 } Ventilation solenoid valve
- A-91 } Vacuum solenoid valve
- A-92 } Fuel pump check connector
- A-93 } Ignition timing adjustment connector



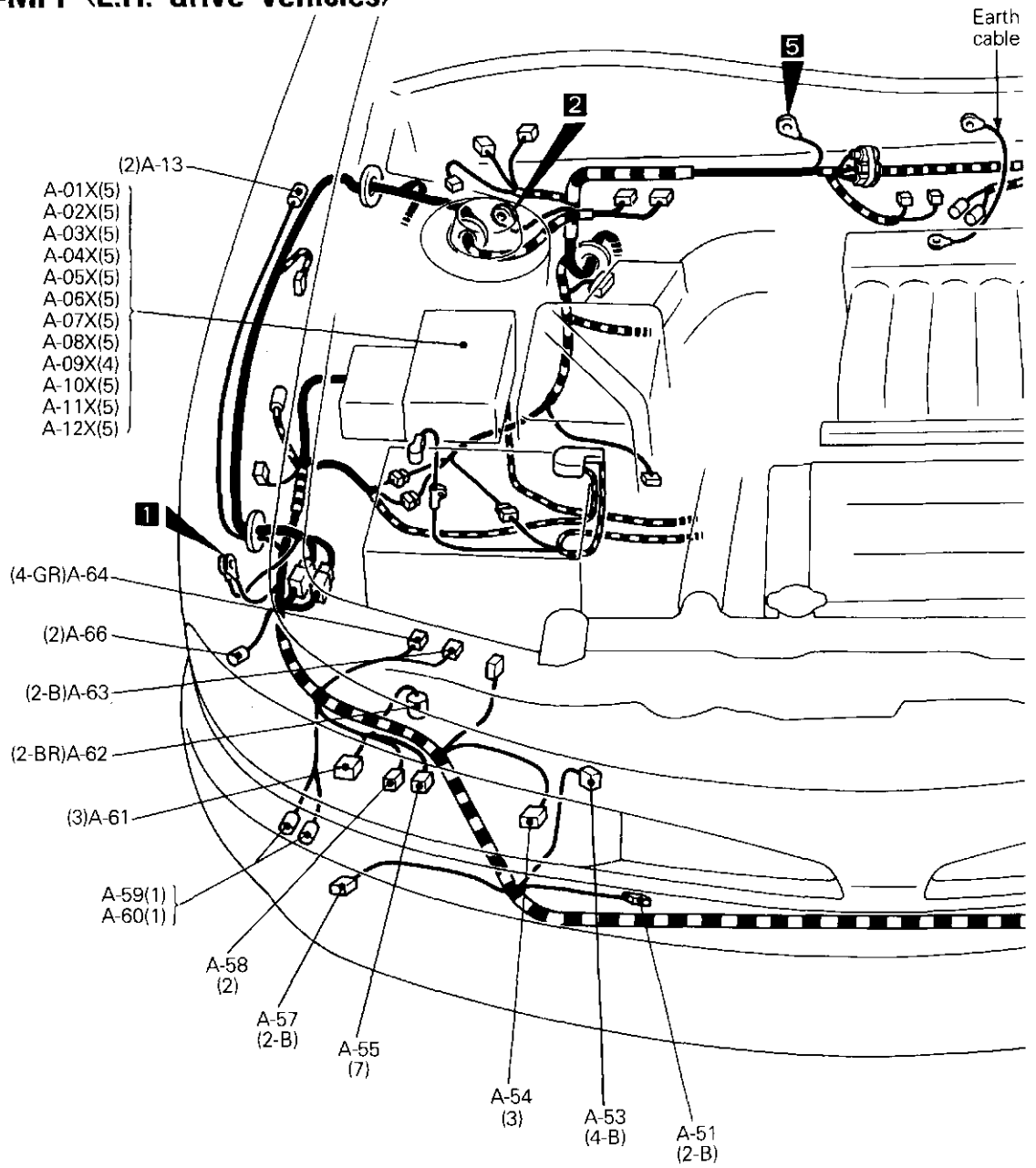
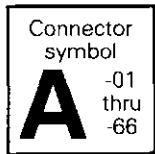


36X0207

- |       |   |       |  |
|-------|---|-------|--|
| A-94  | Engine speed detection connector          | A-117 | Pulse generator  |
| A-95  | } —                                       | A-118 | Back-up lamp switch  |
| thru  |   | A-119 | First detection switch                                       |
| A-101 |   | A-120 | Control wiring harness and battery cable combination         |
| A-102 | EGR solenoid valve                        | A-121 | Front wiring harness and injector wiring harness combination |
| A-103 | Purge control solenoid valve              | A-122 | —  |
| A-104 | TCL valve                                 | A-123 | Return pump relay  |
| A-105 | —   | A-124 | Compressor relay   |
| A-106 | —   | A-125 | Front stroke sensor  |
| A-107 | —   | A-126 | Shock absorber (Front: LH)                                   |
| A-108 | Brake fluid level switch or no connection | A-127 | Speed sensor (Front: RH)                                     |
| A-109 | } —                                       | A-128 | Air flow sensor  |
| thru  |   | A-129 | Resistor   |
| A-116 |   |       |  |

# ENGINE COMPARTMENT

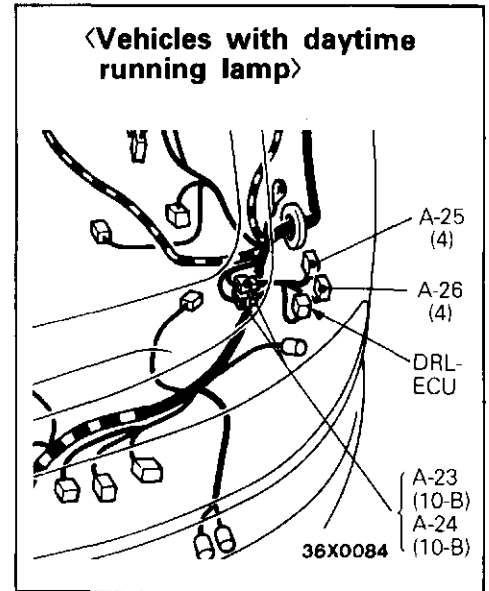
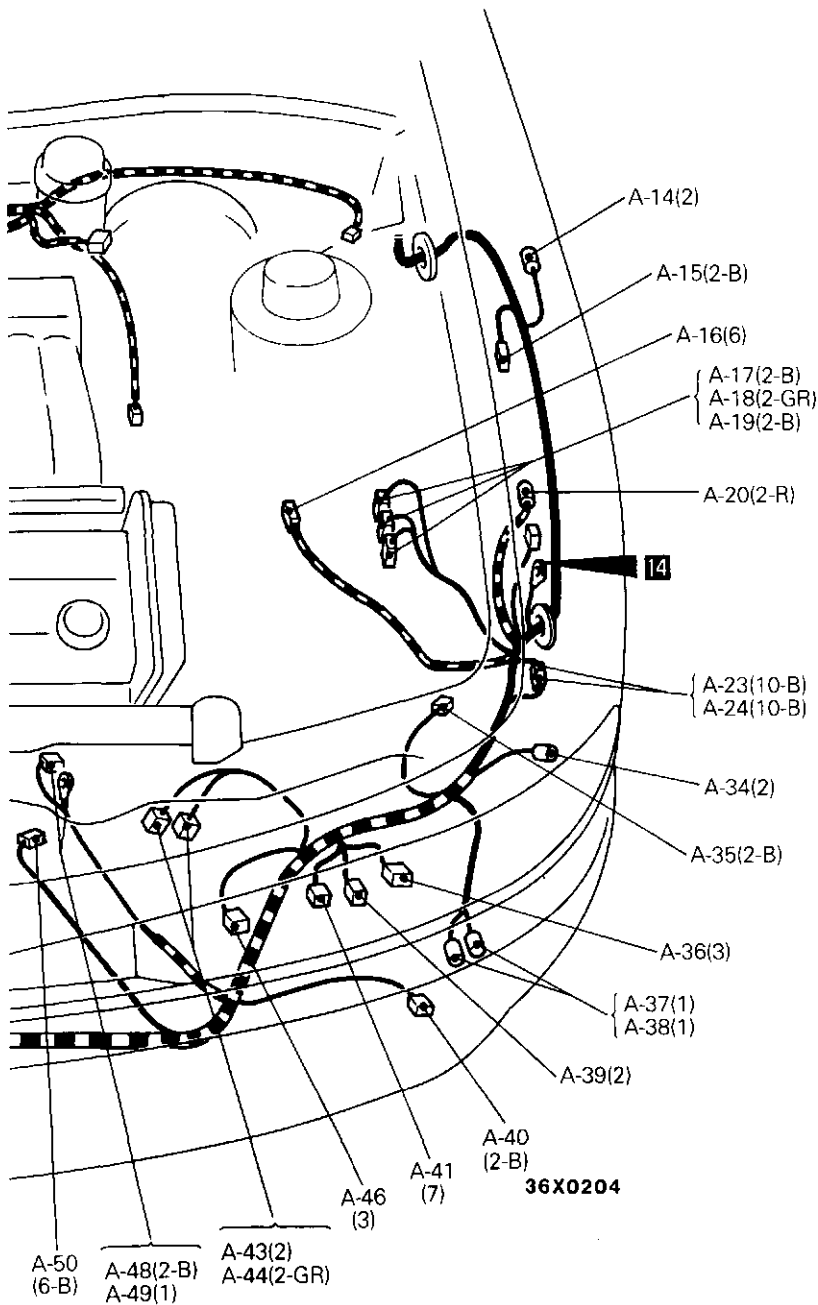
6G73 DOHC-MPI <L.H. drive vehicles>



A-01X }  
 thru } Refer to CENTRALIZED JUNCTION  
 A-12X }

- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 Flow divider assembly
- A-18 Rear wheel control valve assembly (RH)
- A-19 Rear wheel control valve assembly (LH)
- A-20 Front impact sensor (LH)
- A-21 —
- A-22 —
- A-23 } Front wiring harness and daytime running lamp wiring
- A-24 } harness combination or front wiring harness joint connector

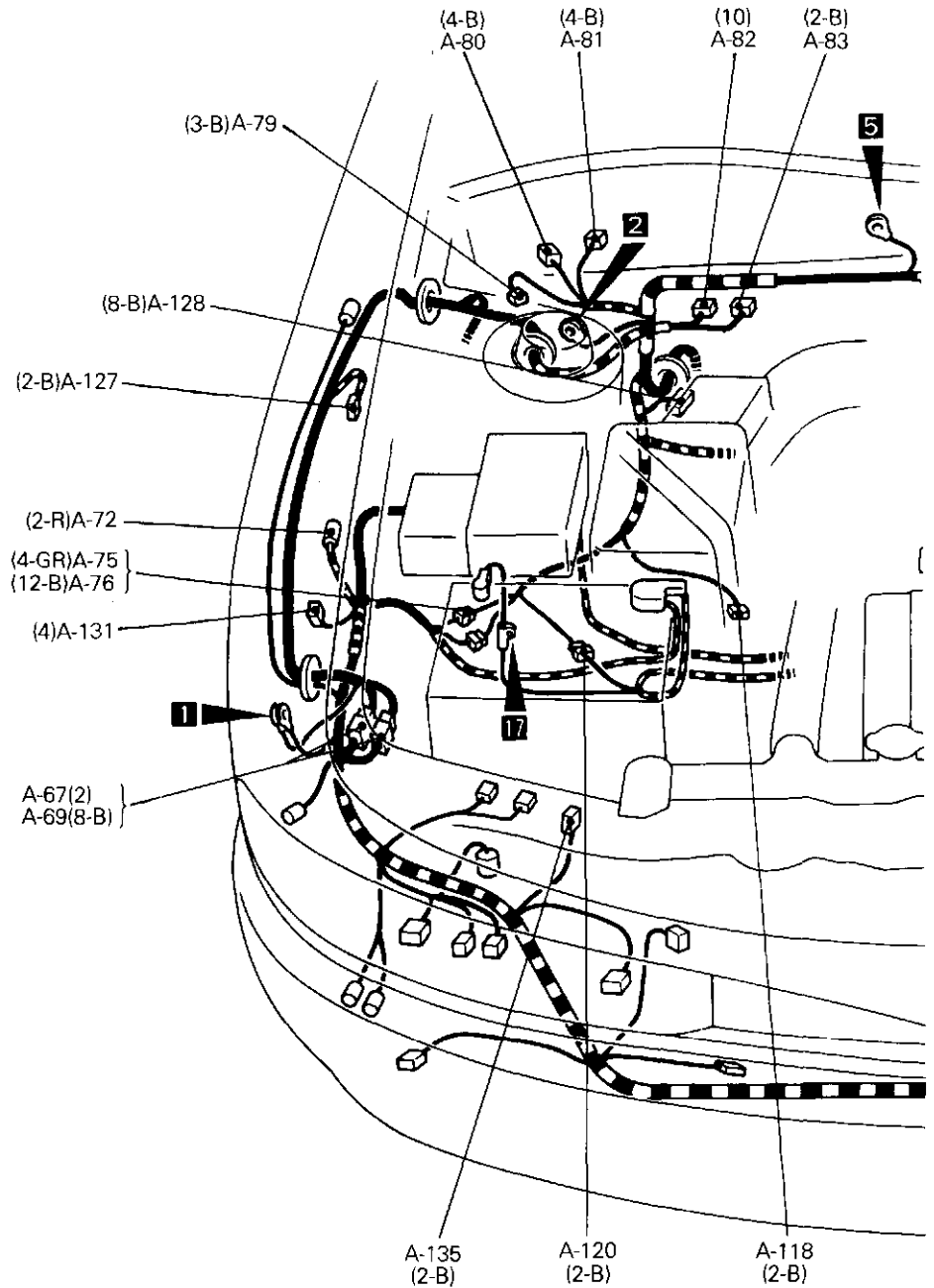
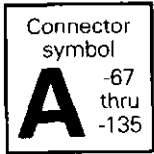
- A-25 Daytime running lamp relay ( I )
- A-26 Daytime running lamp relay ( II )
- A-27 } —
- A-33 }
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 } Horn (LH)
- A-38 }
- A-39 Position lamp (LH)
- A-40 Front fog lamp (LH)



- A-41 Headlamp leveling unit (LH)
- A-42 —
- A-43 } Condenser fan motor
- A-44 }
- A-45 —
- A-46 Headlamp (LH)
- A-47 —
- A-48 } Alternator
- A-49 }
- A-50 A/C compressor and magnetic clutch assembly
- A-51 Outside thermometer sensor
- A-52 —
- A-53 Radiator fan motor

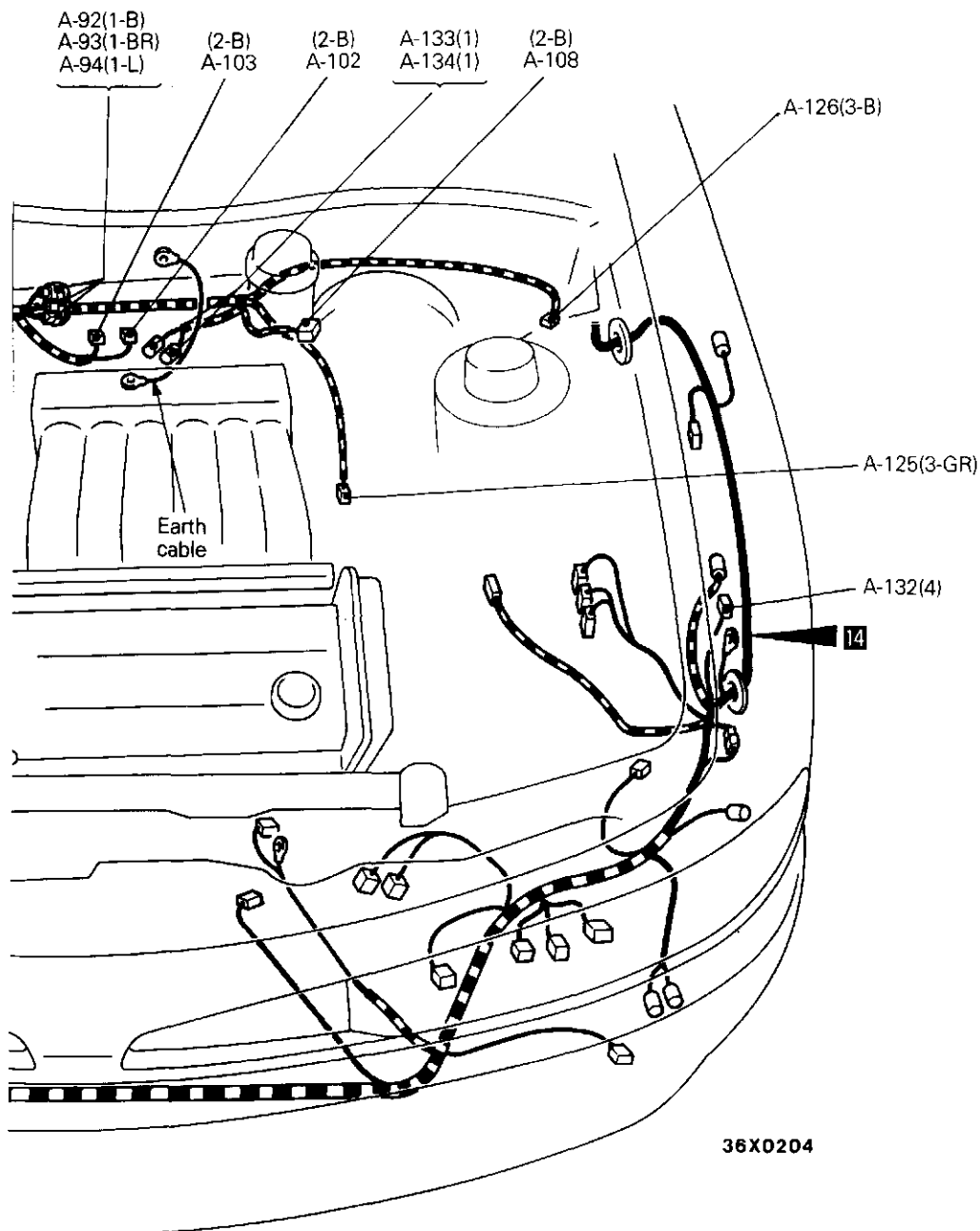
- A-54 Headlamp (RH)
- A-55 Headlamp leveling unit (RH)
- A-56 —
- A-57 Front fog lamp (RH)
- A-58 Position lamp (RH)
- A-59 } Horn (RH)
- A-60 }
- A-61 Headlamp (RH)
- A-62 Dual pressure switch
- A-63 Headlamp washer motor
- A-64 Washer fluid level sensor and windshield washer motor
- A-65 —
- A-66 Front turn signal lamp (RH)

6G73 DOHC-MPI <L.H. drive vehicles>



- A-67 Front wiring harness and ABS wiring harness combination
- A-68 —
- A-69 Front wiring harness and ABS wiring harness combination
- A-70 —
- A-71 No connection
- A-72 Front impact sensor (RH)
- A-73 —
- A-74 —
- A-75 } Front wiring harness and control wiring harness combination
- A-76 }

- A-77 —
- A-78 —
- A-79 Shock absorber (Front: RH)
- A-80 Vacuum pump
- A-81 Windshield wiper motor
- A-82 } Hydraulic unit
- A-83 }
- A-84 } —
- A-85 } —
- A-86 } —
- A-87 } —
- A-88 } —
- A-89 } —
- A-90 } —
- A-91 } —
- A-92 Fuel pump check connector
- A-93 Ignition timing adjustment connector



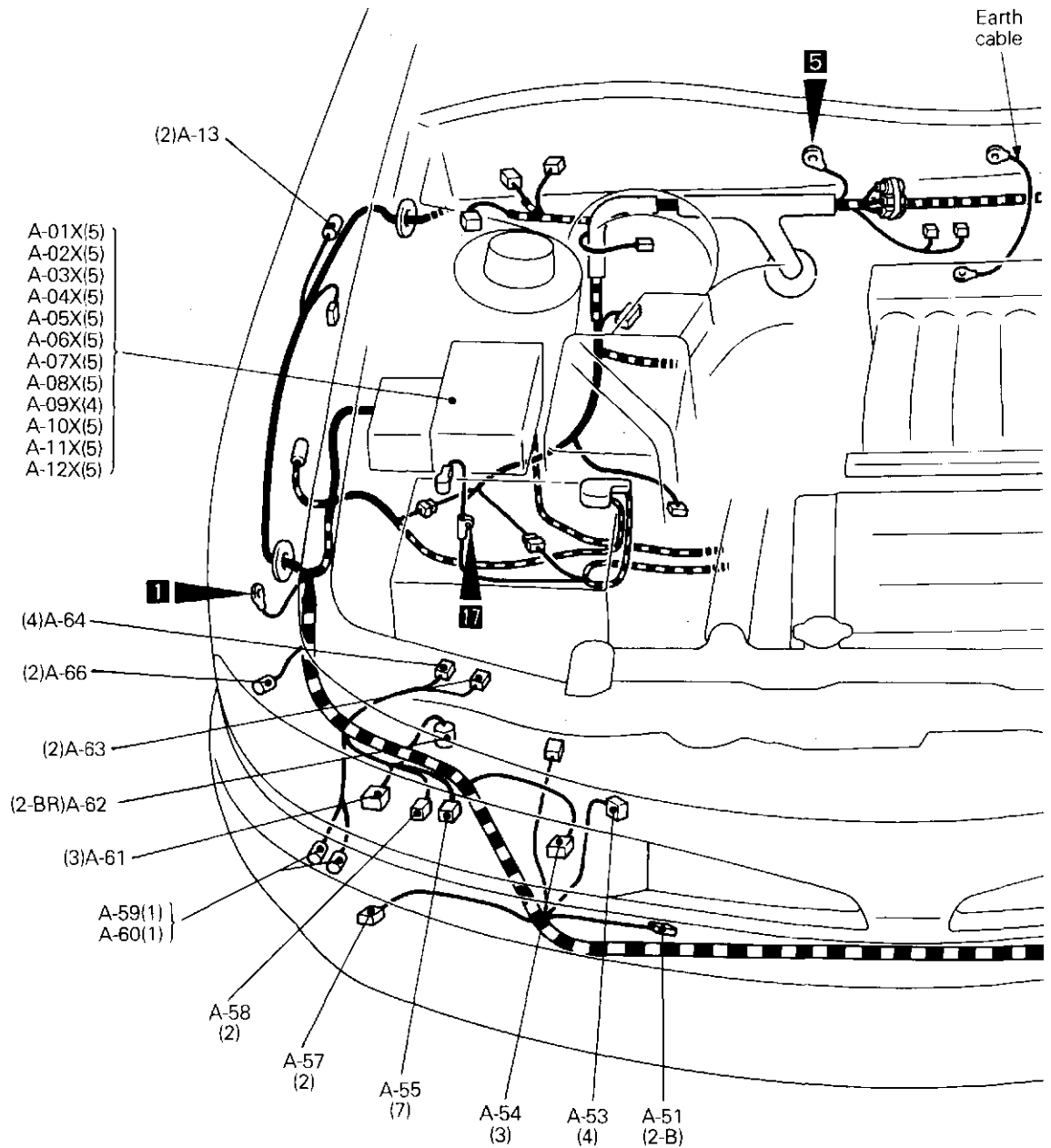
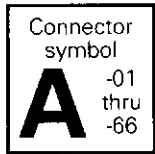
36X0204

- A-94 Engine speed detection connector
- A-95 } —
- thru } —
- A-101 } —
- A-102 EGR solenoid valve
- A-103 Purge control solenoid valve
- A-104 } —
- thru } —
- A-107 } —
- A-108 Brake fluid level switch
- A-109 } —
- thru } —
- A-117 } —
- A-118 Back-up lamp switch
- A-119 —

- A-120 Control wiring harness and battery cable combination
- A-121 } —
- thru } —
- A-124 } —
- A-125 Front stroke sensor
- A-126 Shock absorber (Front: LH)
- A-127 Speed sensor (Front: RH)
- A-128 Air flow sensor
- A-129 —
- A-130 —
- A-131 Theft-alarm starter relay
- A-132 Theft-alarm horn relay
- A-133 } Theft-alarm horn
- A-134 } —
- A-135 Hood switch

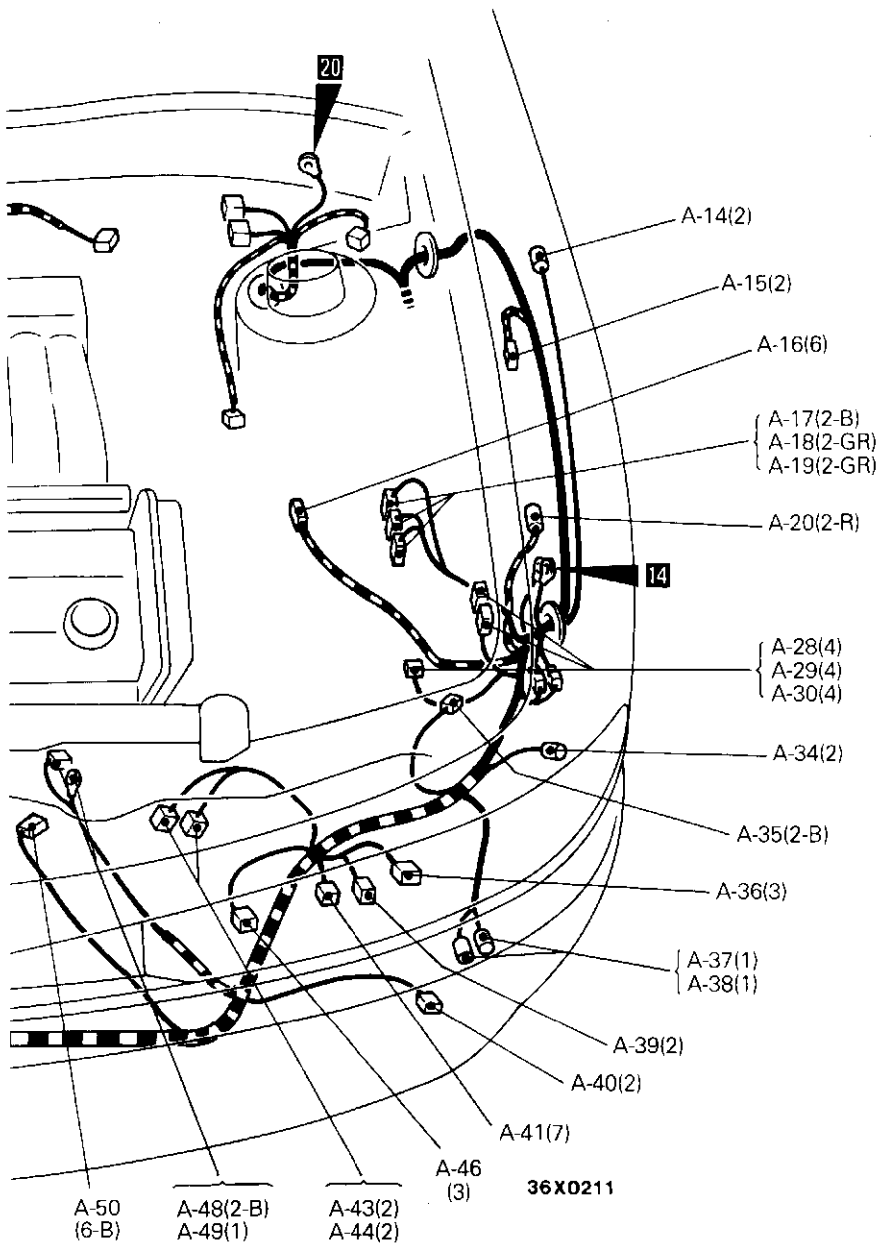
# ENGINE COMPARTMENT

6G73 DOHC-MPI <R.H. drive vehicles>



- A-01X } Refer to CENTRALIZED JUNCTION
- thru }
- A-12X }
- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 Flow divider assembly
- A-18 Rear wheel control valve assembly (RH)
- A-19 Rear wheel control valve assembly (LH)
- A-20 Front impact sensor (LH)
- A-21 } -
- thru }
- A-27 }

- A-28 Dim-dip lamp relay 1
- A-29 Dim-dip lamp relay 2 or jumper connector
- A-30 Dim-dip lamp relay 3 or jumper connector
- A-31 -
- A-32 -
- A-33 -
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 } Horn (LH)
- A-38 }
- A-39 Position lamp (LH)
- A-40 Front fog lamp (LH)
- A-41 Headlamp leveling unit (LH)

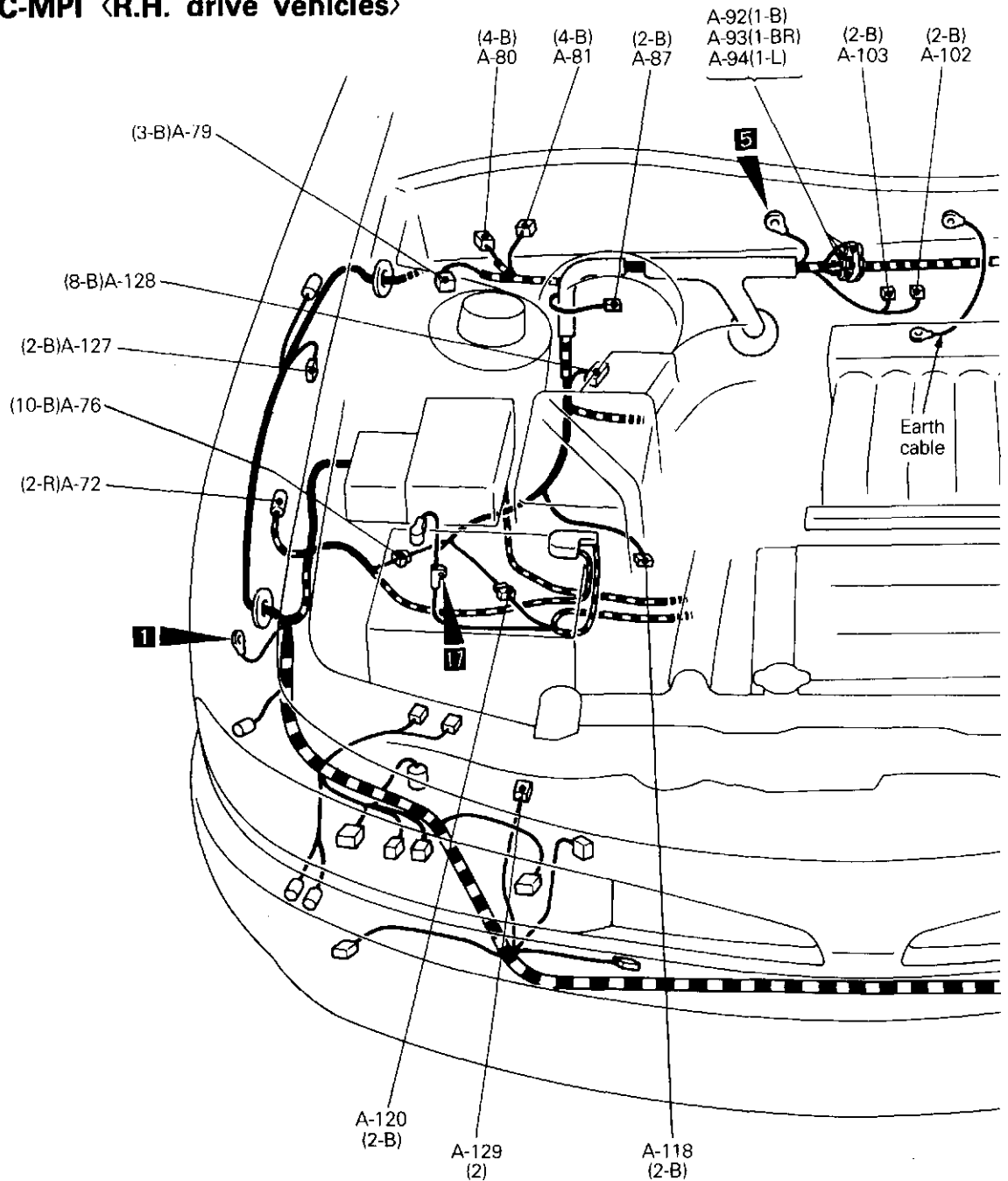


36X0211

|      |   |      |   |
|------|---|------|---|
| A-42 | —   | A-55 | Headlamp leveling unit (RH)                           |
| A-43 | Condenser fan motor                         | A-56 | —   |
| A-44 |   | A-57 | Front fog lamp (RH)                                   |
| A-45 | —   | A-58 | Position lamp (RH)                                    |
| A-46 | Headlamp (LH)                               | A-59 | Horn (RH)   |
| A-47 | —   | A-60 |   |
| A-48 | Alternator                                  | A-61 | Headlamp (RH)   |
| A-49 |   | A-62 | Triple pressure switch                                |
| A-50 | A/C compressor and magnetic clutch assembly | A-63 | Headlamp washer motor                                 |
| A-51 | Outside thermometer sensor                  | A-64 | Washer fluid level sensor and windshield washer motor |
| A-52 | —   | A-65 | No connection   |
| A-53 | Radiator fan motor                          | A-66 | Front turn signal lamp (RH)                           |
| A-54 | Headlamp (RH)                               |      |   |

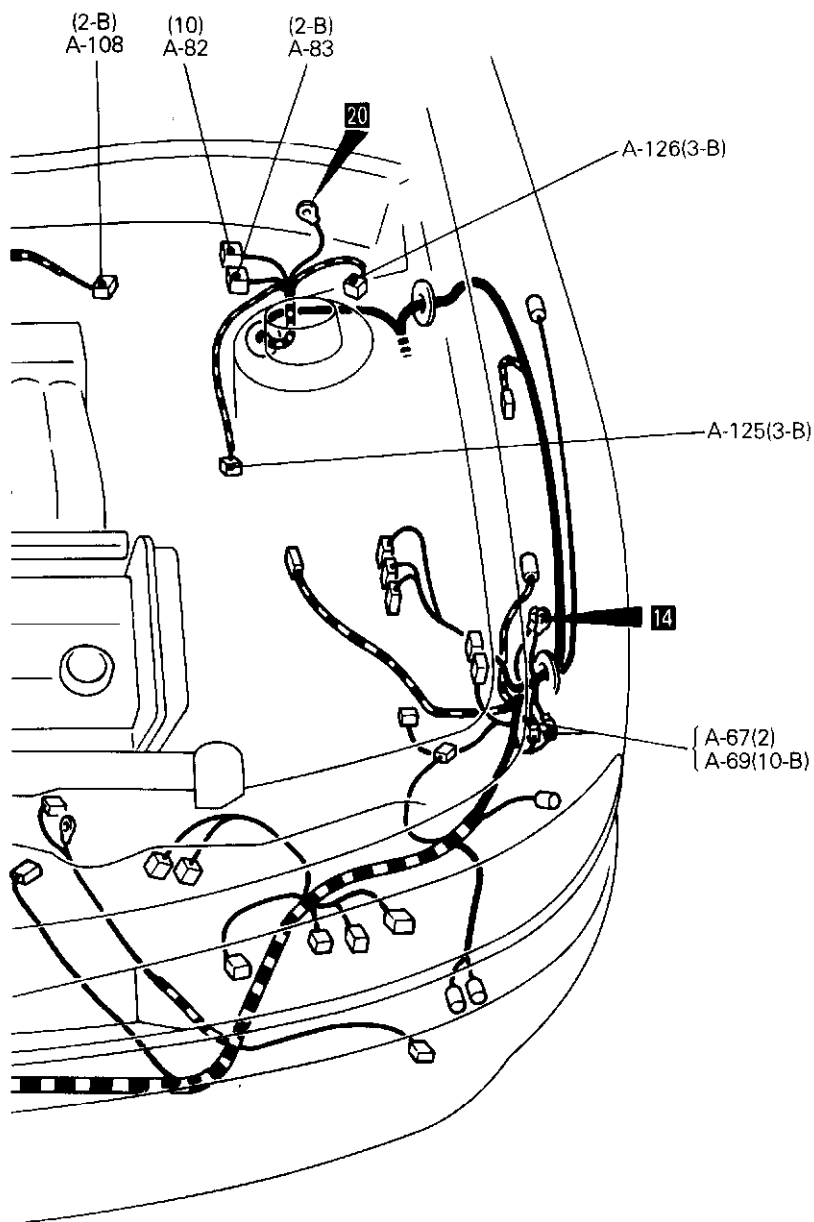
6G73 DOHC-MPI <R.H. drive vehicles>

Connector symbol  
**A** -67 thru -129



|      |   |                  |                            |
|------|---|------------------|----------------------------|
| A-67 | Front wiring harness and ABS wiring harness combination     | A-78             | —                          |
| A-68 | —   | A-79             | Shock absorber (Front: RH) |
| A-69 | Front wiring harness and ABS wiring harness combination     | A-80             | Vacuum pump                |
| A-70 | —   | A-81             | Windshield wiper motor     |
| A-71 | —   | A-82 } A-83      | Hydraulic unit             |
| A-72 | Front impact sensor (RH)                                    | A-84             | —                          |
| A-73 | —   | A-85             | —                          |
| A-74 | —   | A-86             | —                          |
| A-75 | —   | A-87             | Brake fluid level switch   |
| A-76 | Front wiring harness and control wiring harness combination | A-88 } thru A-91 | —                          |
| A-77 | —   | A-92             | Fuel pump check connector  |



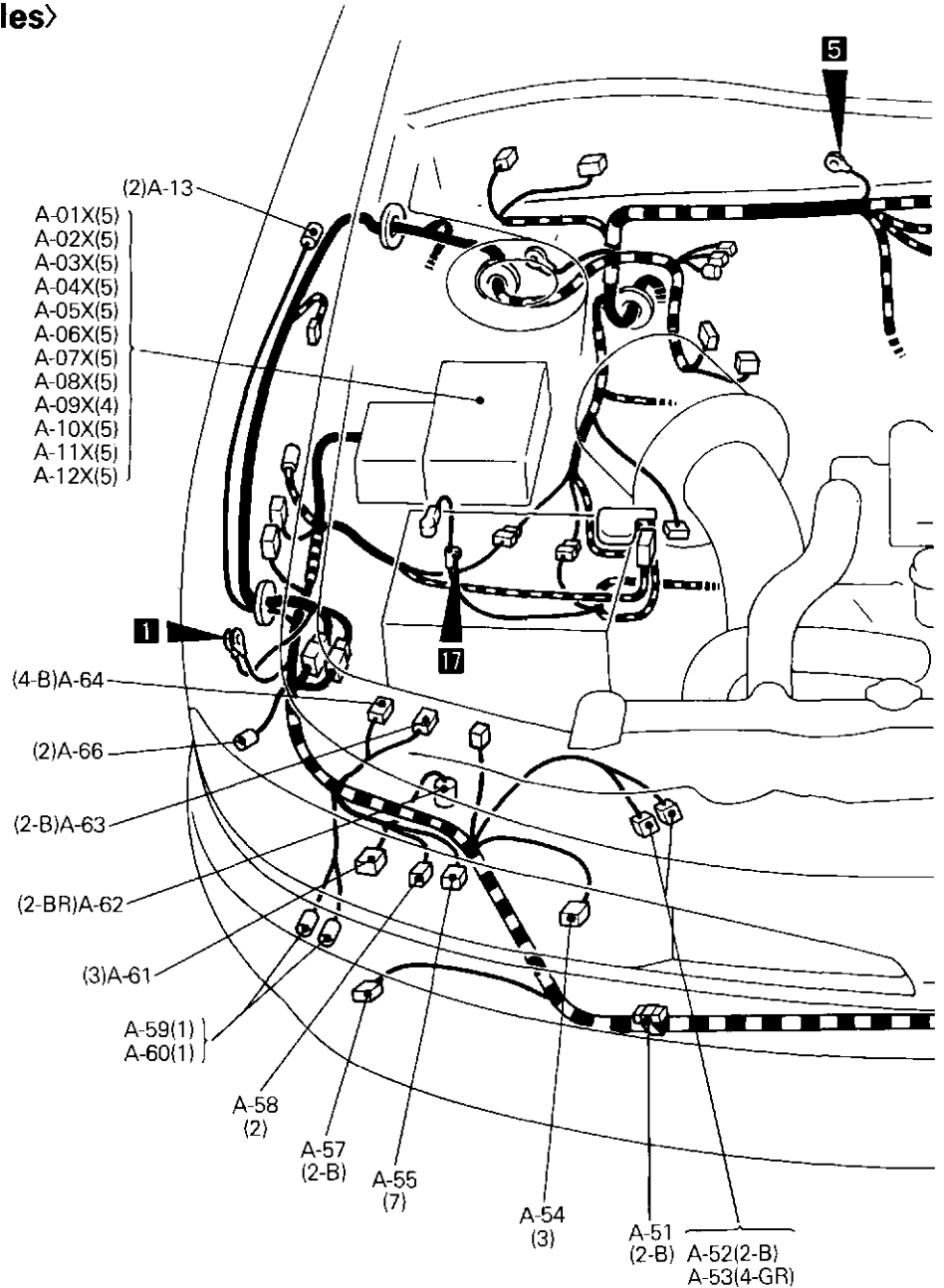
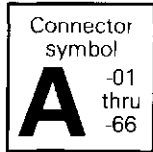


36X0211

- |                   |   |                   |  |
|-------------------|---|-------------------|--|
| A-93              | Ignition timing adjustment connector      | A-118             | Back-up lamp switch                                  |
| A-94              | Engine speed detection connector          | A-119             | —  |
| A-95 }<br>thru }  | —   | A-120             | Control wiring harness and battery cable combination |
| A-101             | —   | A-121 }<br>thru } | —  |
| A-102             | EGR solenoid valve                        | A-124 }           | —  |
| A-103             | Purge control solenoid valve              | A-125             | Front stroke sensor                                  |
| A-104 }<br>thru } | —   | A-126             | Shock absorber (Front: LH)                           |
| A-107             | —   | A-127             | Speed sensor (Front: RH)                             |
| A-108             | Brake fluid level switch or no connection | A-128             | Air flow sensor                                      |
| A-109 }<br>thru } | —   | A-129             | Resistor   |
| A-117             | —   |                   |  |

# ENGINE COMPARTMENT

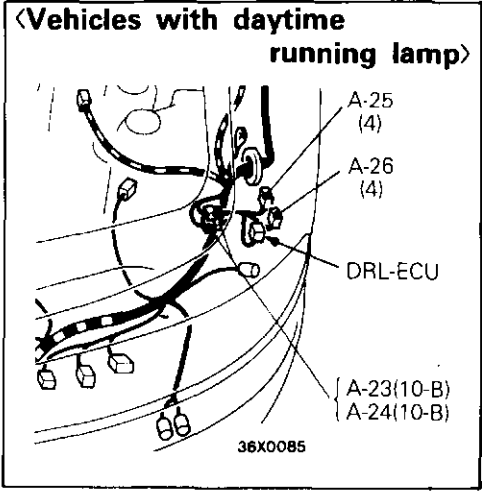
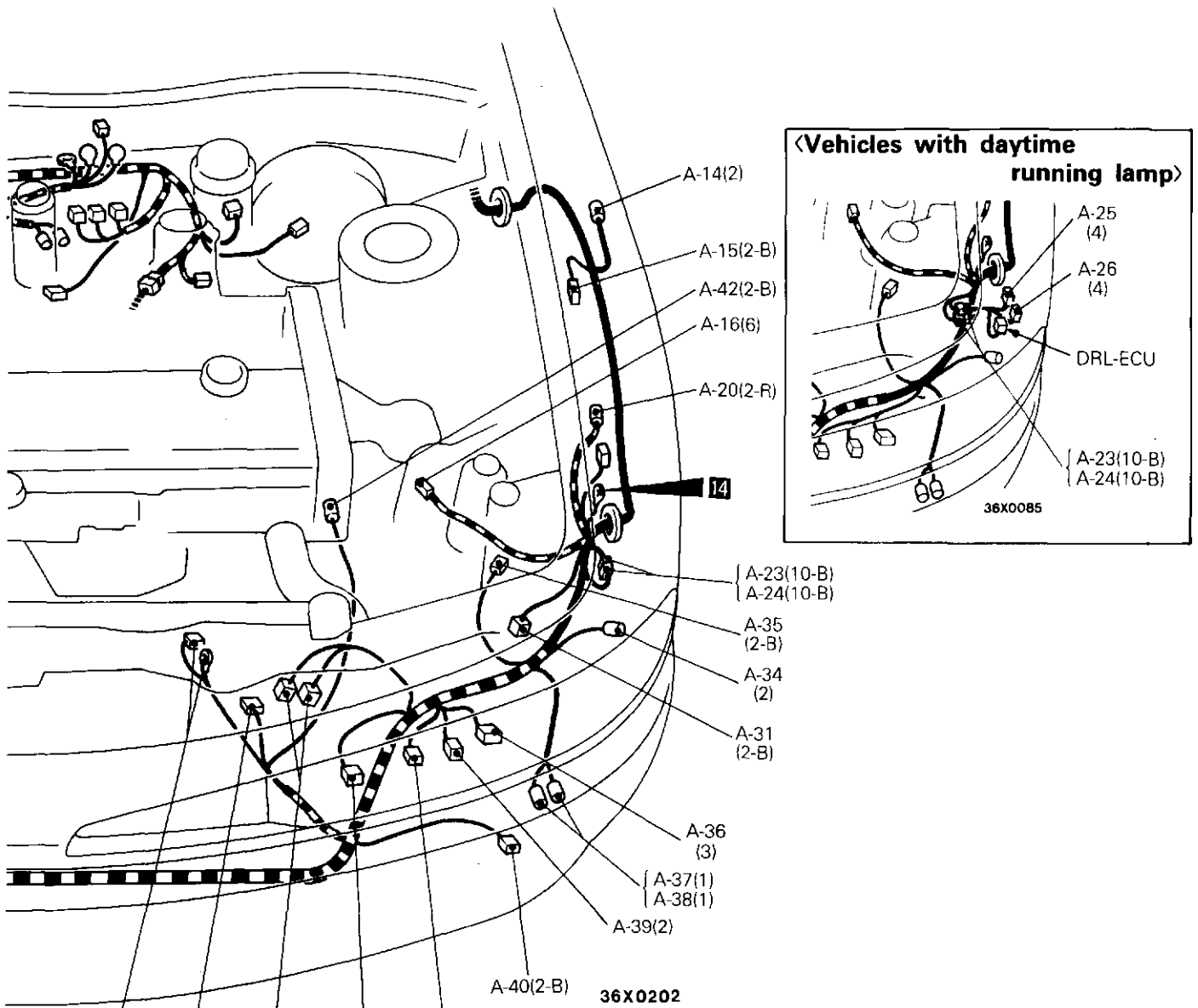
4D68 <L.H. drive vehicles>



A-01X }  
thru } Refer to CENTRALIZED JUNCTION  
A-12X }

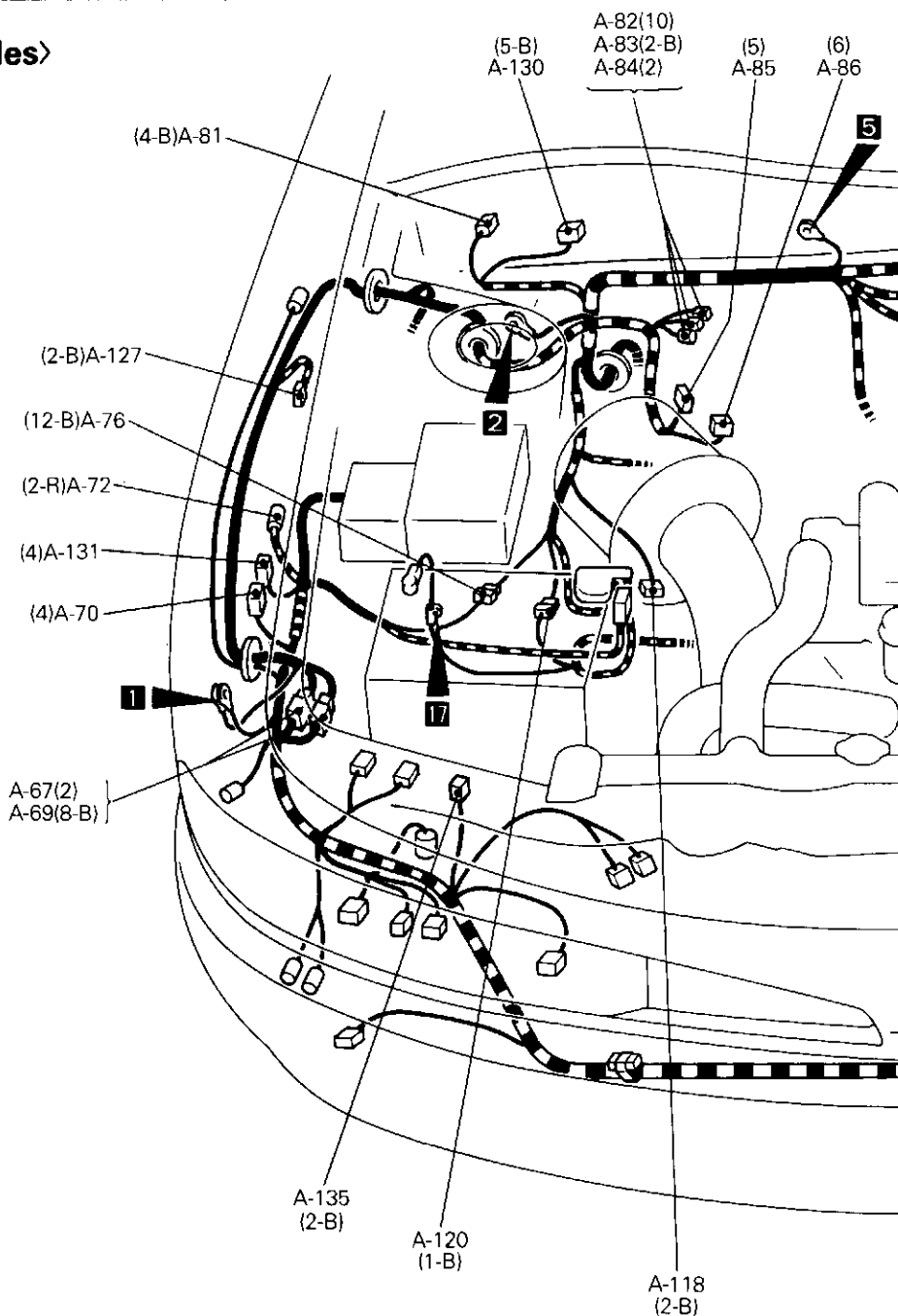
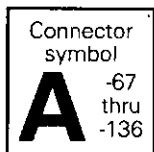
- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 —
- A-18 —
- A-19 —
- A-20 Front impact sensor (LH)
- A-21 —
- A-22 —
- A-23 } Front wiring harness and daytime running lamp wiring
- A-24 } harness combination or front wiring harness joint connector

- A-25 Daytime running lamp relay (I)
- A-26 Daytime running lamp relay (II)
- A-27 } —
- A-30 } —
- A-31 Engine oil cooler fan
- A-32 —
- A-33 —
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 } Horn (LH)
- A-38 }



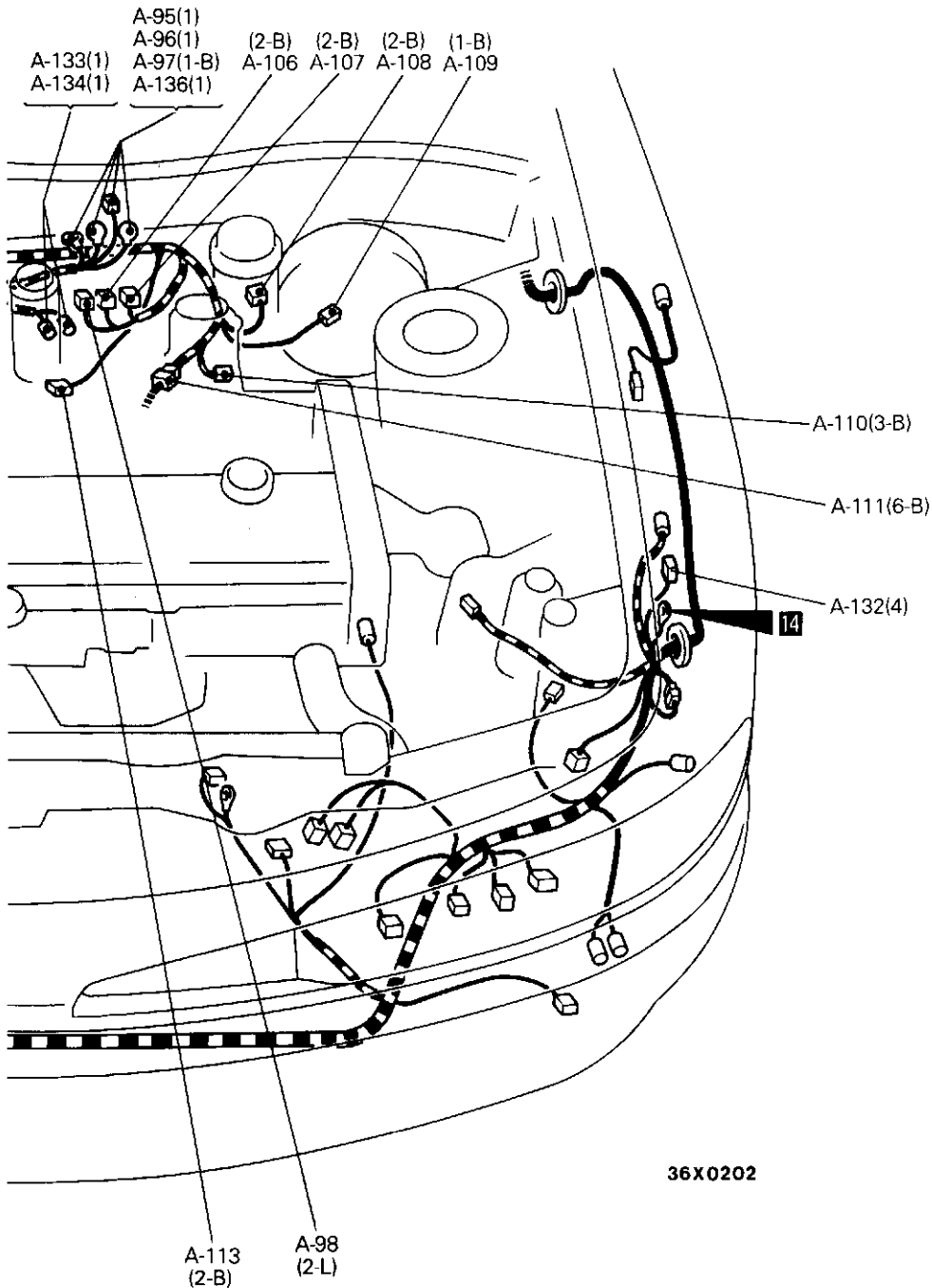
- |                  |                             |                  |   |
|------------------|-----------------------------|------------------|---|
| A-39             | Position lamp (LH)          | A-54             | Headlamp (RH)   |
| A-40             | Front fog lamp (LH)         | A-55             | Headlamp leveling unit (RH)                           |
| A-41             | Headlamp leveling unit (LH) | A-56             | —   |
| A-42             | Engine oil level sensor     | A-57             | Front fog lamp (RH)                                   |
| A-43 }<br>A-44 } | Condenser fan motor         | A-58             | Position lamp (RH)                                    |
| A-45             | Oil pressure switch         | A-59 }<br>A-60 } | Horn (RH)   |
| A-46             | Headlamp (LH)               | A-61             | Headlamp (RH)   |
| A-47             | —                           | A-62             | Dual pressure switch                                  |
| A-48 }<br>A-49 } | Alternator                  | A-63             | Headlamp washer motor                                 |
| A-50             | —                           | A-64             | Washer fluid level sensor and windshield washer motor |
| A-51             | No connection               | A-65             | —   |
| A-52 }<br>A-53 } | Radiator fan motor          | A-66             | Front turn signal lamp (RH)                           |

4D68 <L.H. drive vehicles>



- A-67 Front wiring harness and ABS wiring harness combination
- A-68 —
- A-69 Front wiring harness and ABS wiring harness combination
- A-70 Engine oil cooler fan relay
- A-71 —
- A-72 Front impact sensor (RH)
- A-73 —
- A-74 —
- A-75 —
- A-76 Front wiring harness and control wiring harness combination
- A-77 } —
- thru } —
- A-80 }

- A-81 Windshield wiper motor
- A-82 } Hydraulic unit
- A-83 } —
- A-84 }
- A-85 Motor relay
- A-86 Valve relay
- A-87 } —
- thru } —
- A-94 } —
- A-95 } —
- A-96 } Glow plug relay
- A-97 } —
- A-98 Idle up solenoid valve

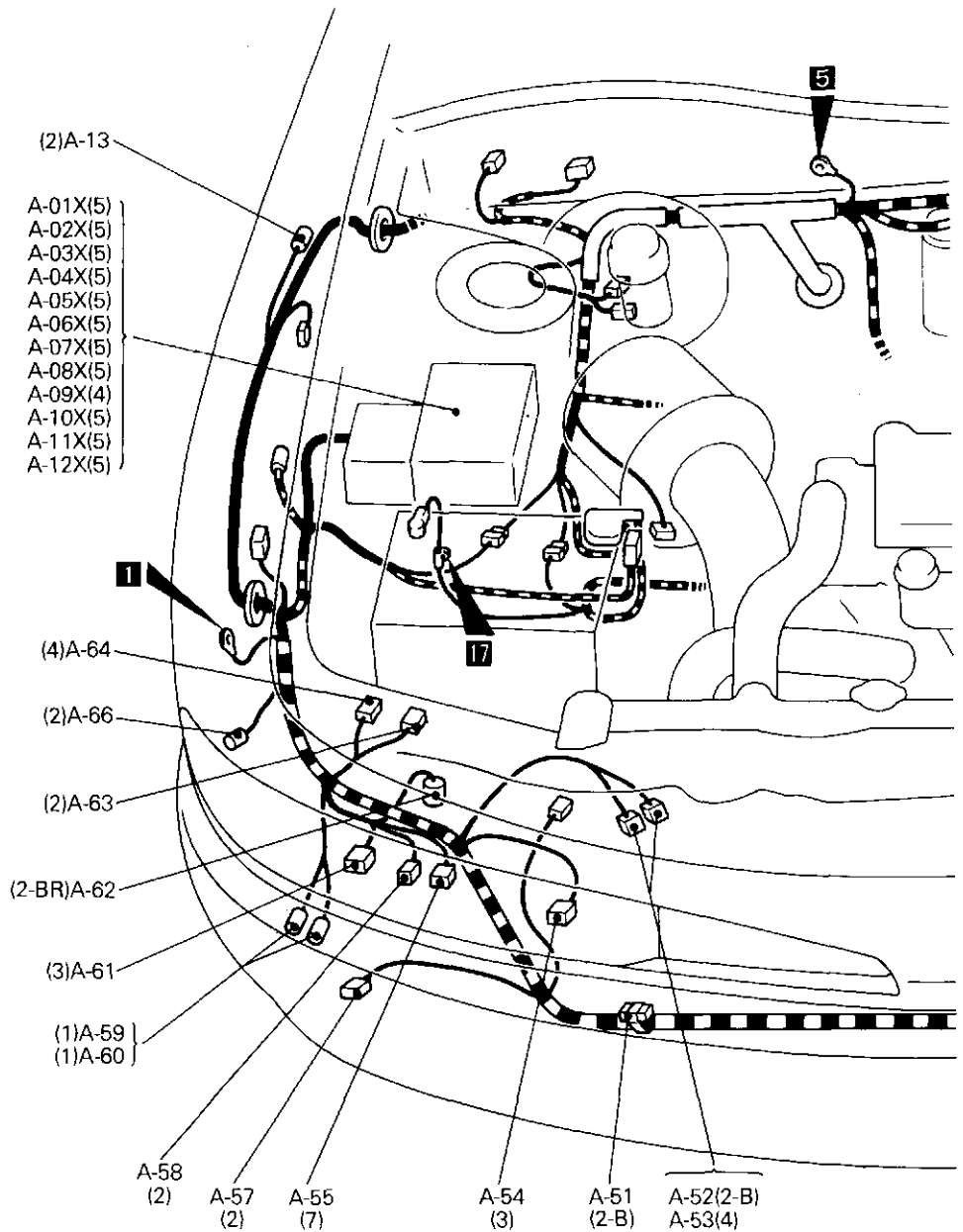
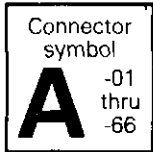


36X0202

- |  |  |
|--|--|
| A-99 } —   | A-119 —  |
| thru } —   | A-120 Control wiring harness and battery cable |
| A-105 } —  | combination                                    |
| A-106 EGR solenoid valve (II)                          | A-121 } —                                      |
| A-107 EGR solenoid valve (I)                           | thru } —                                       |
| A-108 Brake fluid level switch                         | A-126 } —                                      |
| A-109 Vacuum switch                                    | A-127 Speed sensor (Front: RH)                 |
| A-110 Lever position sensor                            | A-128 —  |
| A-111 Control wiring harness and sensor wiring harness | A-129 —  |
| combination  | A-130 Starter relay                            |
| A-112 —  | A-131 Theft-alarm starter relay                |
| A-113 Water level switch                               | A-132 Theft-alarm horn relay                   |
| A-114 } —  | A-133 } Theft-alarm horn                       |
| thru } —   | A-134 } —                                      |
| A-117 } —  | A-135 Hood switch                              |
| A-118 Back-up lamp switch                              | A-136 Glow plug relay                          |

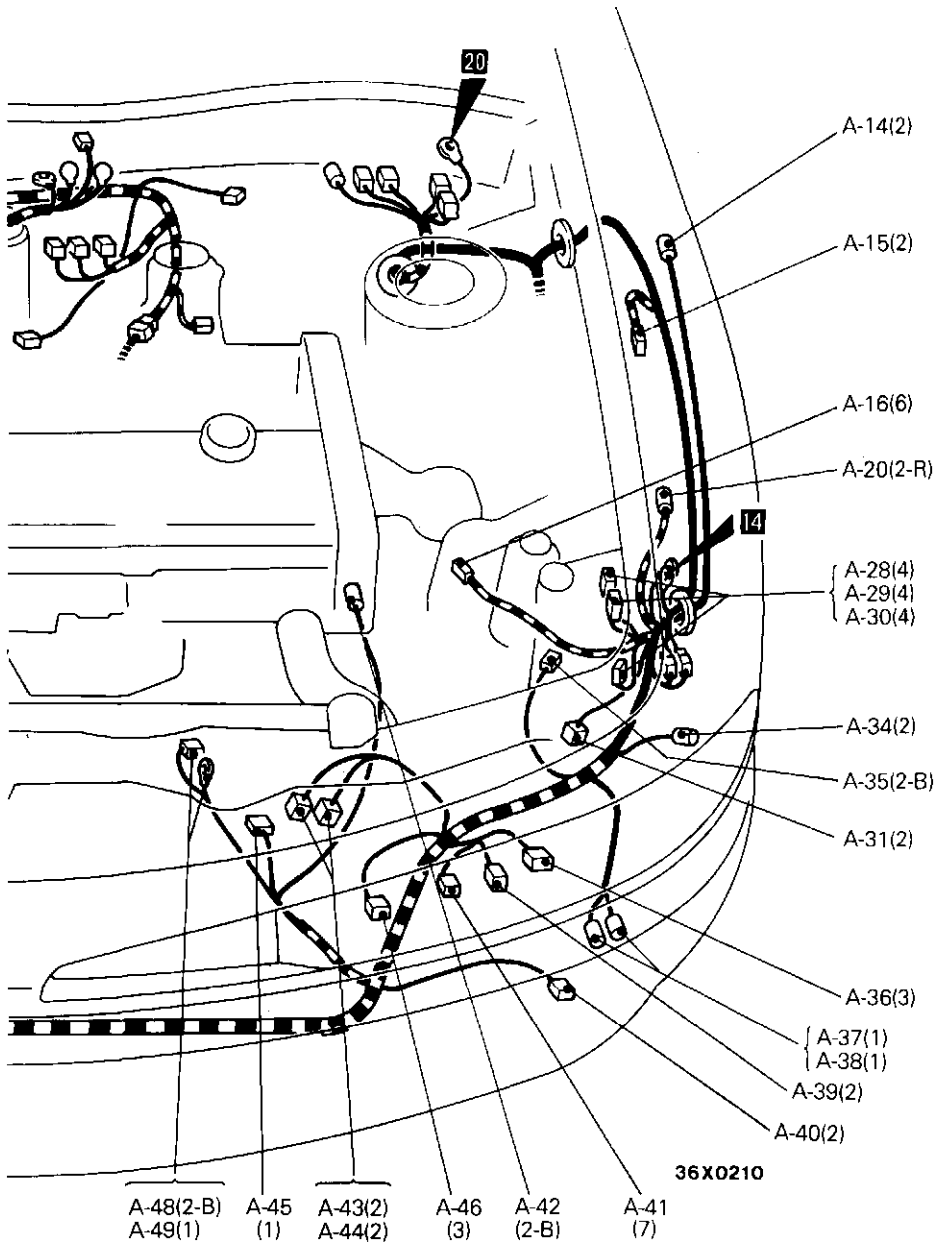
# ENGINE COMPARTMENT

4D68 <R.H. drive vehicles>



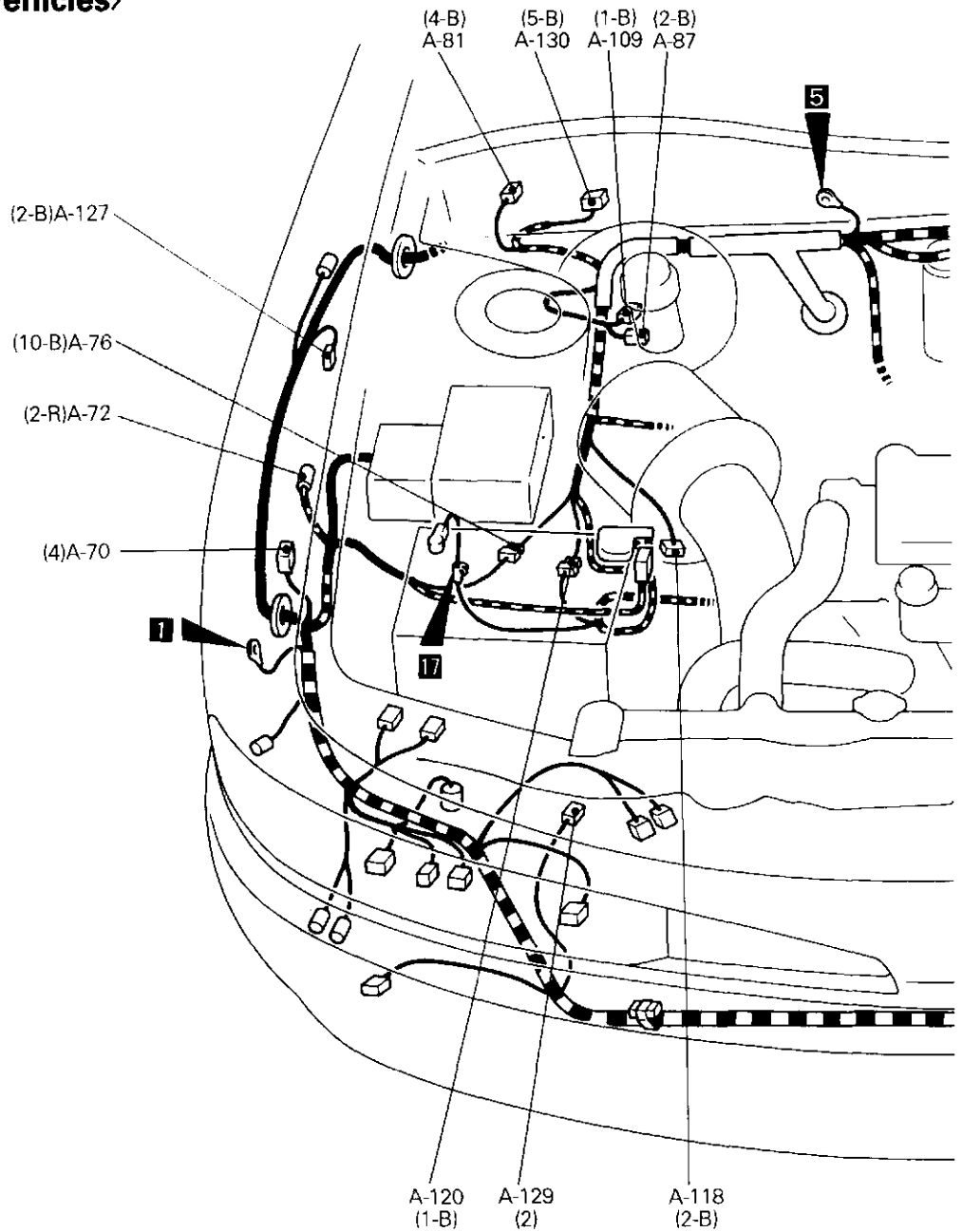
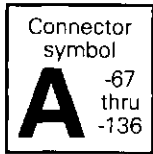
- A-01X } Refer to CENTRALIZED JUNCTION
- thru }
- A-12X }
- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 —
- A-18 —
- A-19 —
- A-20 Front impact sensor (LH)
- A-21 } —
- thru }
- A-27 }

- A-28 Dim-dip lamp relay 1
- A-29 Dim-dip lamp relay 2 or jumper connector
- A-30 Dim-dip lamp relay 3 or jumper connector
- A-31 Engine oil cooler fan
- A-32 —
- A-33 —
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 } Horn (LH)
- A-38 }
- A-39 Position lamp (LH)
- A-40 Front fog lamp (LH)



|        |                             |        |   |
|--------|-----------------------------|--------|---|
| A-41   | Headlamp leveling unit (LH) | A-54   | Headlamp (RH)   |
| A-42   | Engine oil level sensor     | A-55   | Headlamp leveling unit (RH)                           |
| A-43 } | Condenser fan motor         | A-56   | —   |
| A-44 } |                             | A-57   | Front fog lamp (RH)                                   |
| A-45   | Oil pressure switch         | A-58   | Position lamp (RH)                                    |
| A-46   | Headlamp (LH)               | A-59 } | Horn (RH)   |
| A-47   | —                           | A-60 } |   |
| A-48 } | Alternator                  | A-61   | Headlamp (RH)   |
| A-49 } |                             | A-62   | Dual pressure switch                                  |
| A-50   | —                           | A-63   | Headlamp washer motor                                 |
| A-51   | No connection               | A-64   | Washer fluid level sensor and windshield washer motor |
| A-52 } | Radiator fan motor          | A-65   | —   |
| A-53 } |                             | A-66   | Front turn signal lamp (RH)                           |

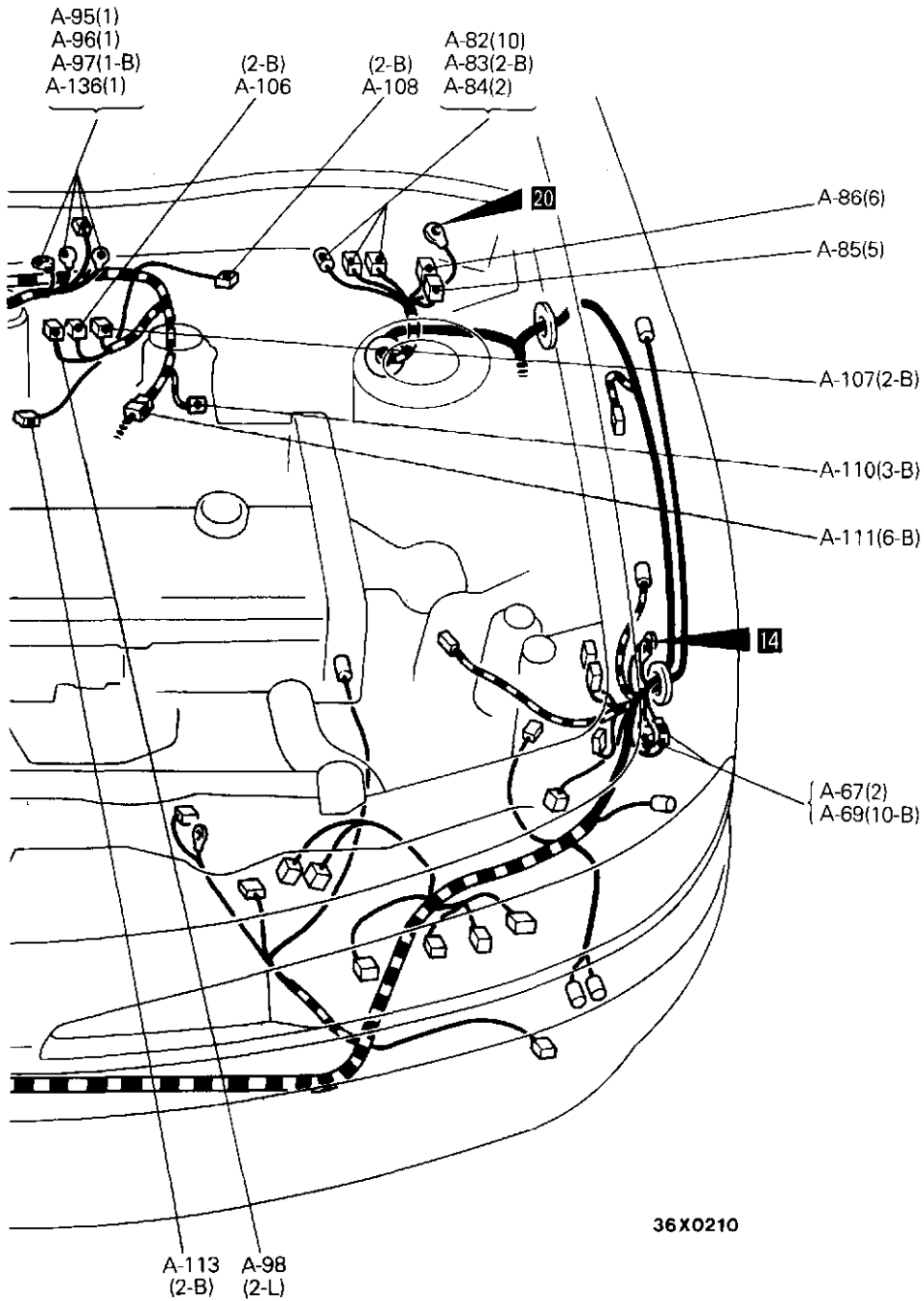
4D68 <R.H. drive vehicles>



- A-67 Front wiring harness and ABS wiring harness combination
- A-68 —
- A-69 Front wiring harness and ABS wiring harness combination
- A-70 Engine oil cooler fan relay
- A-71 —
- A-72 Front impact sensor (RH)
- A-73 —
- A-74 —
- A-75 —
- A-76 Front wiring harness and control wiring harness combination
- A-77 } —
- thru }
- A-80 }

- A-81 Windshield wiper motor
- A-82 } Hydraulic unit
- A-83 }
- A-84 }
- A-85 Motor relay
- A-86 Valve relay
- A-87 Brake fluid level switch
- A-88 } —
- thru }
- A-94 }
- A-95 }
- A-96 } Glow plug relay
- A-97 }
- A-98 Idle up solenoid valve





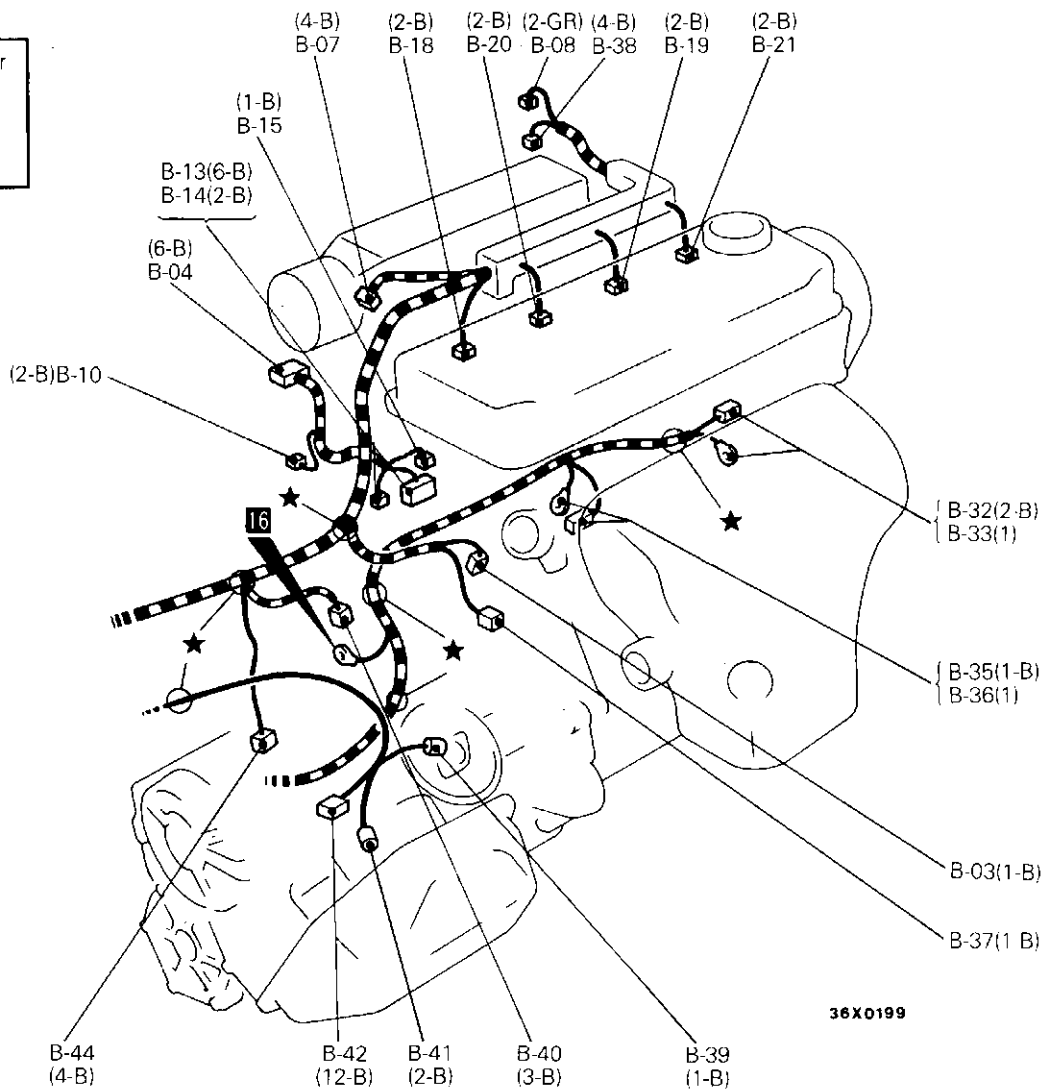
36X0210

- |           |          |  |
|-----------|----------|--|
| A-99 } —  | A-118    | Back-up lamp switch                                  |
| thru } —  | A-119    | —  |
| A-105 } — | A-120    | Control wiring harness and battery cable combination |
| A-106     | A-121    | —  |
| A-107     | thru } — |  |
| A-108     | A-126    | —  |
| A-109     | A-127    | Speed sensor (Front: RH)                             |
| A-110     | A-128    | —  |
| A-111     | A-129    | Resistor   |
| A-112     | A-130    | Starter relay  |
| A-113     | A-131    | —  |
| A-114 } — | thru } — |  |
| thru } —  | A-135    | —  |
| A-117 } — | A-136    | Glow plug relay                                      |

# ENGINE AND TRANSMISSION

## 4G93 SOHC-MPI

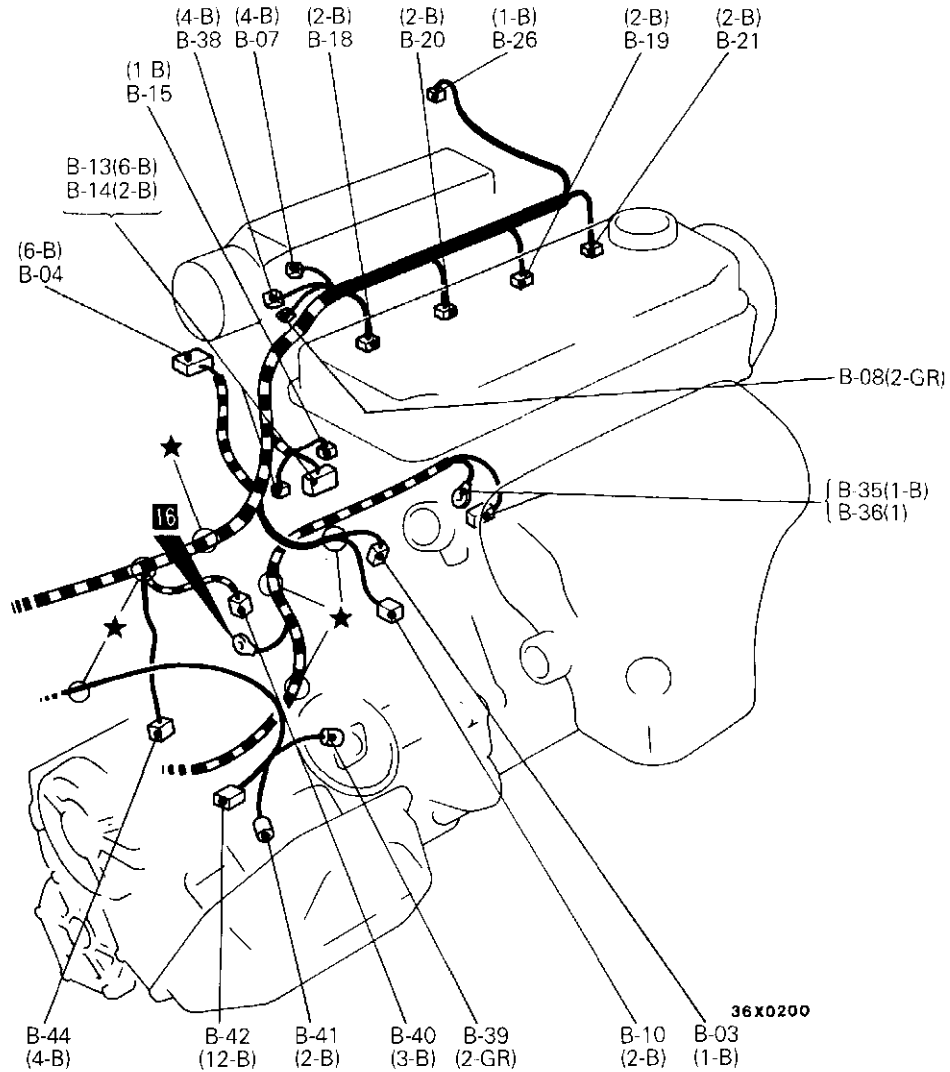
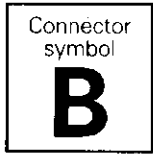
Connector symbol  
**B**



36X0199

|                  |                                       |           |                                 |
|------------------|---------------------------------------|-----------|---------------------------------|
| B-01             | —                                     | B-20      | Injector No. 3                  |
| B-02             | —                                     | B-21      | Injector No. 1                  |
| B-03             | Engine coolant temperature gauge unit | B-22      | } —                             |
| B-04             | Idle speed control servo              | B-31      |                                 |
| B-05             | —                                     | B-32      | } Alternator                    |
| B-06             | —                                     | B-33      |                                 |
| B-07             | Throttle position sensor              | B-34      | —                               |
| B-08             | Detonation sensor                     | B-35      | } Starter                       |
| B-09             | —                                     | B-36      |                                 |
| B-10             | Engine coolant temperature sensor     | B-37      | Oil pressure switch             |
| B-11             | —                                     | B-38      | Oxygen sensor                   |
| B-12             | —                                     | B-39      | Kickdown servo switch           |
| B-13 }<br>B-14 } | Distributor assembly                  | B-40      | Vehicle speed sensor            |
| B-15             |                                       | Capacitor | B-41                            |
| B-16             | —                                     | B-42      | Inhibitor switch <A/T>          |
| B-17             | —                                     | B-43      | —                               |
| B-18             | Injector No. 4                        | B-44      | ELC-4A/T control solenoid valve |
| B-19             | Injector No. 2                        |           |                                 |

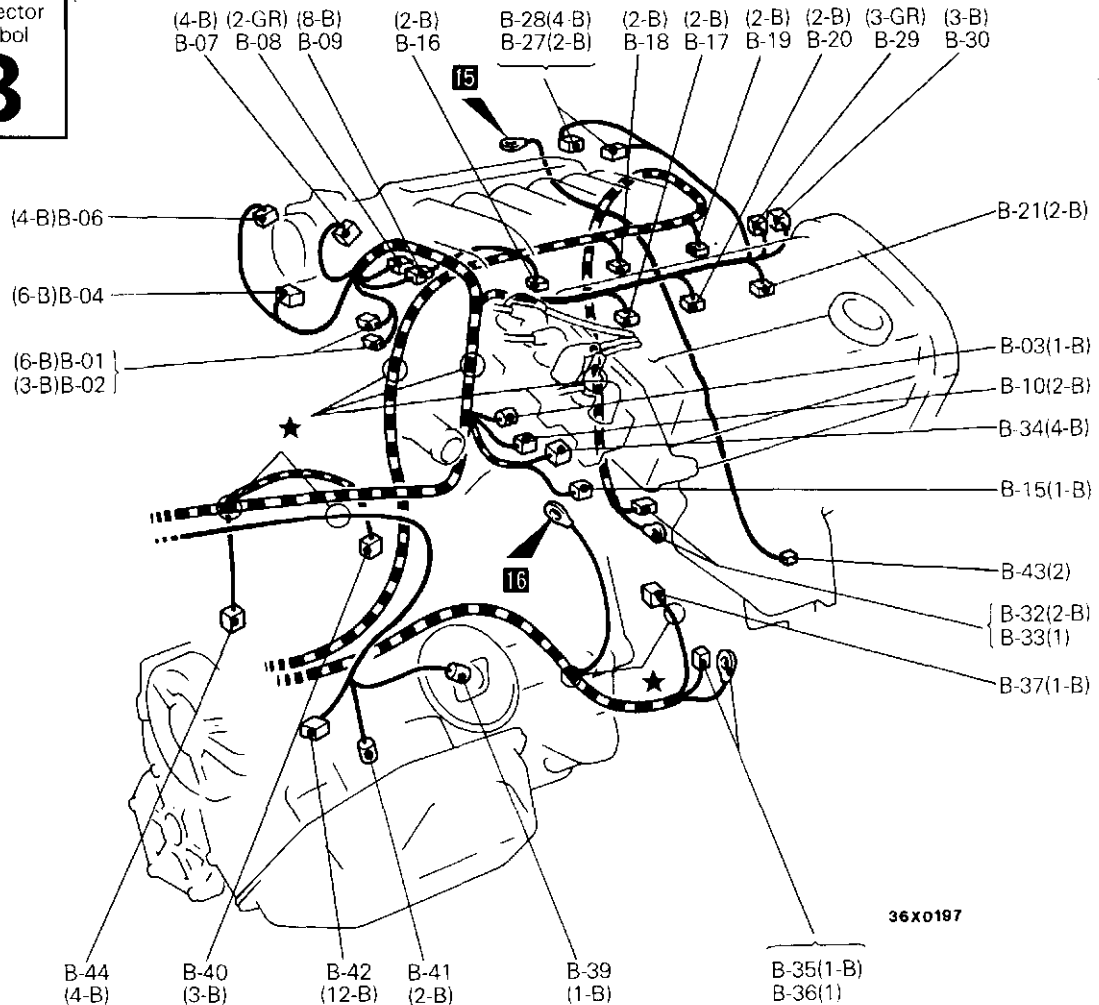
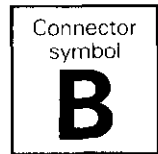
**ENGINE AND TRANSMISSION**  
**4G63 SOHC-MPI**



|                             |                                       |      |   |
|-----------------------------|---------------------------------------|------|---|
| B-01                        | —                                     | B-20 | Injector No. 3                            |
| B-02                        | —                                     | B-21 | Injector No. 1                            |
| B-03                        | Engine coolant temperature gauge unit | B-22 | thru                                      |
| B-04                        | Idle speed control servo              | B-25 | —   |
| B-05                        | —                                     | B-26 | A/C compressor & magnetic clutch assembly |
| B-06                        | —                                     | B-27 | thru                                      |
| B-07                        | Throttle position sensor              | B-34 | —   |
| B-08                        | Detonation sensor                     | B-35 | Starter                                   |
| B-09                        | —                                     | B-36 |   |
| B-10                        | Engine coolant temperature sensor     | B-37 | —   |
| B-11                        | —                                     | B-38 | Oxygen sensor                             |
| B-12                        | —                                     | B-39 | Kickdown servo switch                     |
| B-13 } Distributor assembly |                                       | B-40 | Vehicle speed sensor                      |
| B-14 }                      |                                       | B-41 | A/T fluid temperature sensor              |
| B-15                        | Capacitor                             | B-42 | Inhibitor switch <A/T>                    |
| B-16                        | —                                     | B-43 | —   |
| B-17                        | —                                     | B-44 | ELC-4A/T control solenoid valve           |
| B-18                        | Injector No. 4                        |      |   |
| B-19                        | Injector No. 2                        |      |   |

# ENGINE AND TRANSMISSION

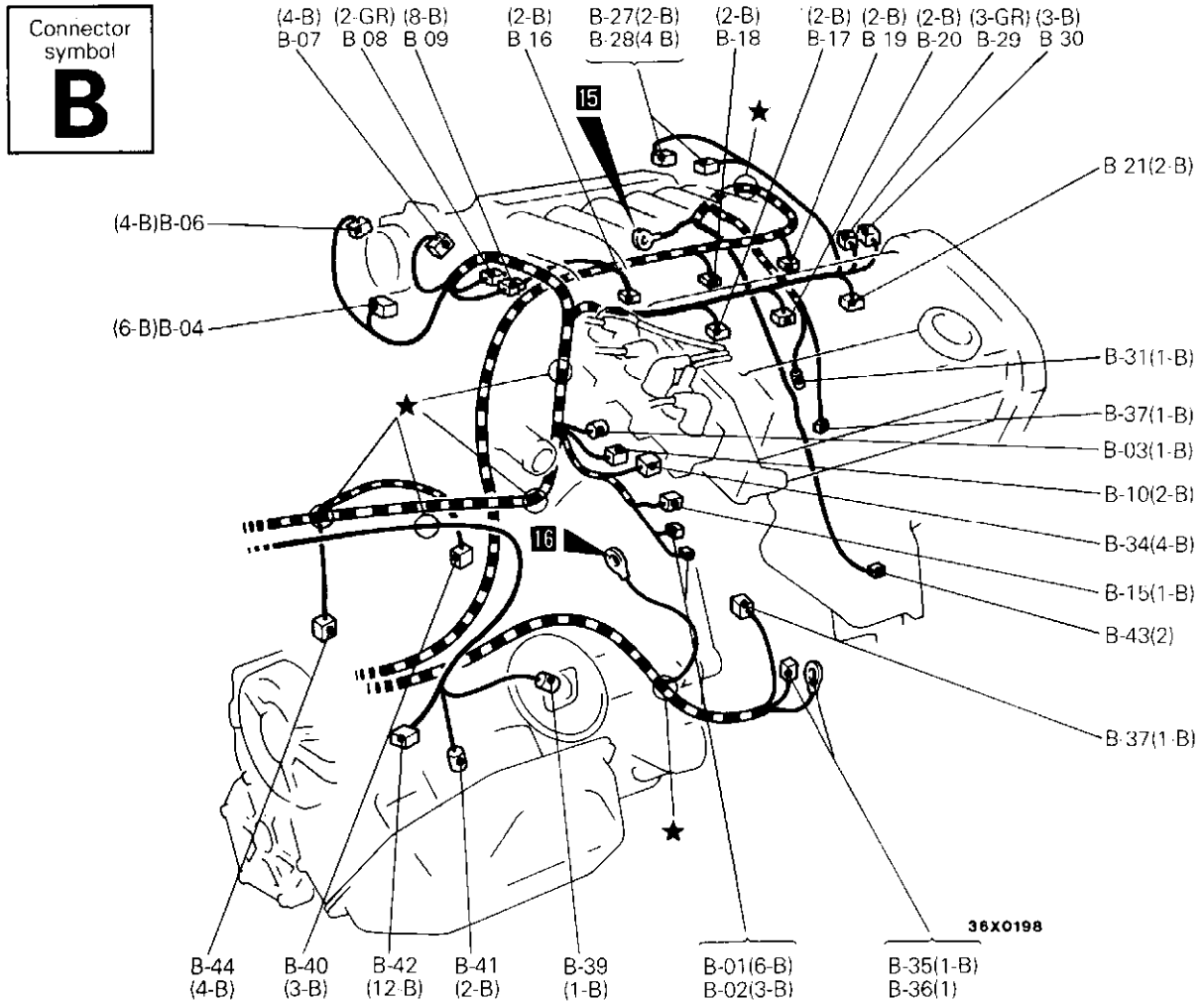
## 6A12 DOHC-MPI



|                  |  |                  |                                  |
|------------------|--|------------------|----------------------------------|
| B-01 }<br>B-02 } | Power transistor   | B-22 }<br>thru } | —                                |
| B-03             | Engine coolant temperature gauge unit                          | B-26             | —                                |
| B-04             | Idle speed control servo                                       | B-27             | Variable induction control servo |
| B-05             | —  | B-28             |                                  |
| B-06             | Accelerator pedal position sensor                              | B-29             | Camshaft position sensor         |
| B-07             | Throttle position sensor                                       | B-30             | Crank angle sensor               |
| B-08             | Detonation sensor  | B-31             | —                                |
| B-09             | Control wiring harness and injector wiring harness combination | B-32 }           | Alternator                       |
| B-10             | Engine coolant temperature sensor                              | B-33             |                                  |
| B-11 }<br>thru } | —  | B-34             | Ignition coil                    |
| B-14 }           | —  | B-35 }           | Starter                          |
| B-15             | Capacitor  | B-36             |                                  |
| B-16             | Injector No. 6   | B-37             | Oil pressure switch              |
| B-17             | Injector No. 5   | B-38             | —                                |
| B-18             | Injector No. 4   | B-39             | Kickdown servo switch            |
| B-19             | Injector No. 2   | B-40             | Vehicle speed sensor             |
| B-20             | Injector No. 3   | B-41             | A/T fluid temperature sensor     |
| B-21             | Injector No. 1   | B-42             | Inhibitor switch                 |
|                  |  | B-43             | Engine oil level sensor          |
|                  |  | B-44             | ELC-4AT control solenoid valve   |

# ENGINE AND TRANSMISSION

## 6G73 DOHC-MPI

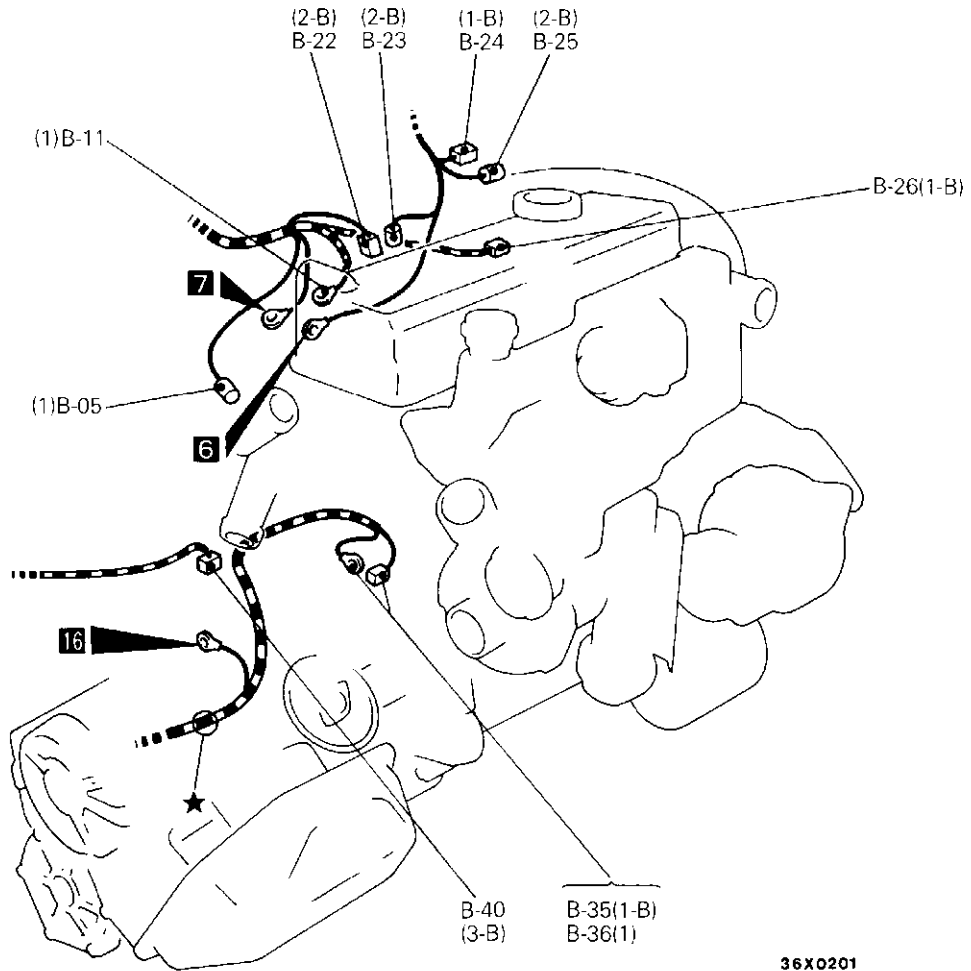


- |   |   |
|---|---|
| B-01 } Power transistor   | B-22 } —                                  |
| B-02 } —  | B-26 } —                                  |
| B-03 Engine coolant temperature gauge unit                          | B-27 } Variable induction control servo   |
| B-04 Idle speed control servo                                       | B-28 } —                                  |
| B-05 —  | B-29 Camshaft position sensor             |
| B-06 Accelerator pedal position sensor                              | B-30 Crank angle sensor                   |
| B-07 Throttle position sensor                                       | B-31 Power steering oil pressure switch   |
| B-08 Detonation sensor  | B-32 —                                    |
| B-09 Control wiring harness and injector wiring harness combination | B-33 —                                    |
| B-10 Engine coolant temperature sensor                              | B-34 Ignition                             |
| B-11 } —  | B-35 } Starter                            |
| thru } —  | B-36 } —                                  |
| B-14 } —  | B-37 Oil pressure switch or no connection |
| B-15 Capacitor  | B-38 —                                    |
| B-16 Injector No. 6   | B-39 Kickdown servo switch                |
| B-17 Injector No. 5   | B-40 Vehicle speed sensor                 |
| B-18 Injector No. 4   | B-41 A/T fluid temperature sensor         |
| B-19 Injector No. 2   | B-42 Inhibitor switch                     |
| B-20 Injector No. 3   | B-43 Engine oil level sensor              |
| B-21 Injector No. 1   | B-44 ELC-4A/T control solenoid valve      |

# ENGINE AND TRANSMISSION

4D68

Connector symbol  
**B**



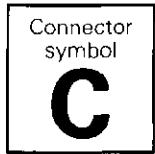
36X0201

|      |                                   |      |                                   |   |                      |
|------|-----------------------------------|------|-----------------------------------|---|----------------------|
| B-01 | }                                 | —    | B-24                              | Fuel cut solenoid valve                   |                      |
| thru |                                   |      | B-25                              | Revolution pick up                        |                      |
| B-04 | }                                 | —    | B-26                              | A/C compressor & magnetic clutch assembly |                      |
| B-05 |                                   |      | Engine coolant temperature sensor | B-27                                      | }                    |
| B-06 | }                                 | —    | thru                              |   |                      |
| thru |                                   |      | B-34                              |   |                      |
| B-10 |                                   |      | B-35                              | } Starter                                 |                      |
| B-11 | Glow plug                         | B-36 |                                   |   |                      |
| B-12 | }                                 | —    | B-37                              | —   |                      |
| thru |                                   |      | B-38                              | —   |                      |
| B-21 | }                                 | —    | B-39                              | —   |                      |
| B-22 |                                   |      | Engine coolant temperature switch | B-40                                      | Vehicle speed sensor |
| B-23 | Engine coolant temperature sensor |      |                                   |   |                      |

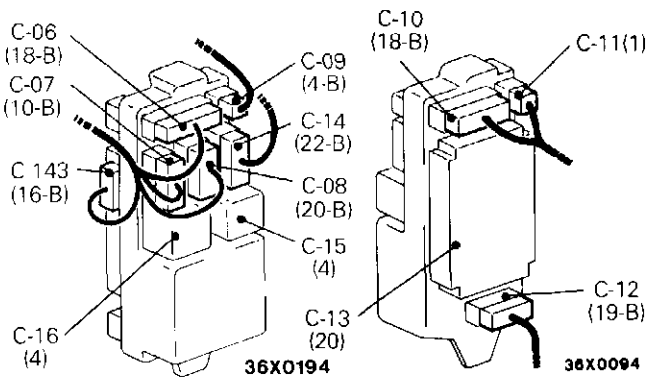
NOTES

**DASH PANEL**

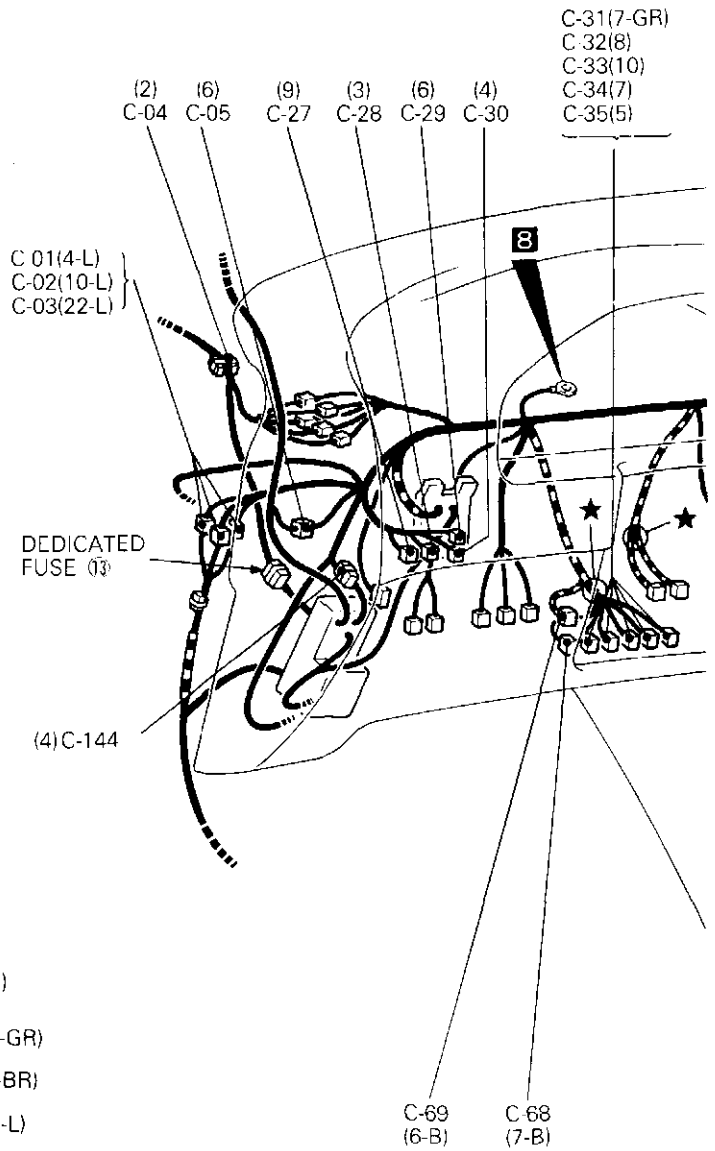
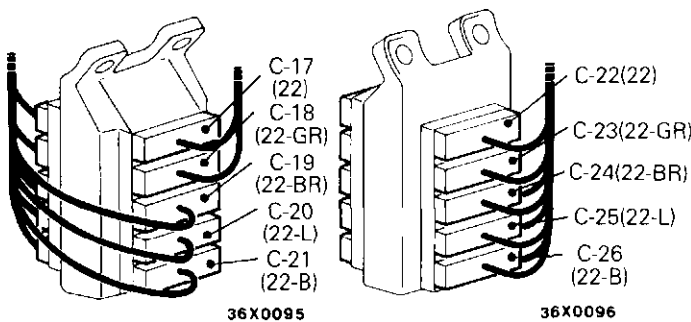
**L.H. drive vehicles**



**Junction block (1)**  
(Front side) (Rear side)

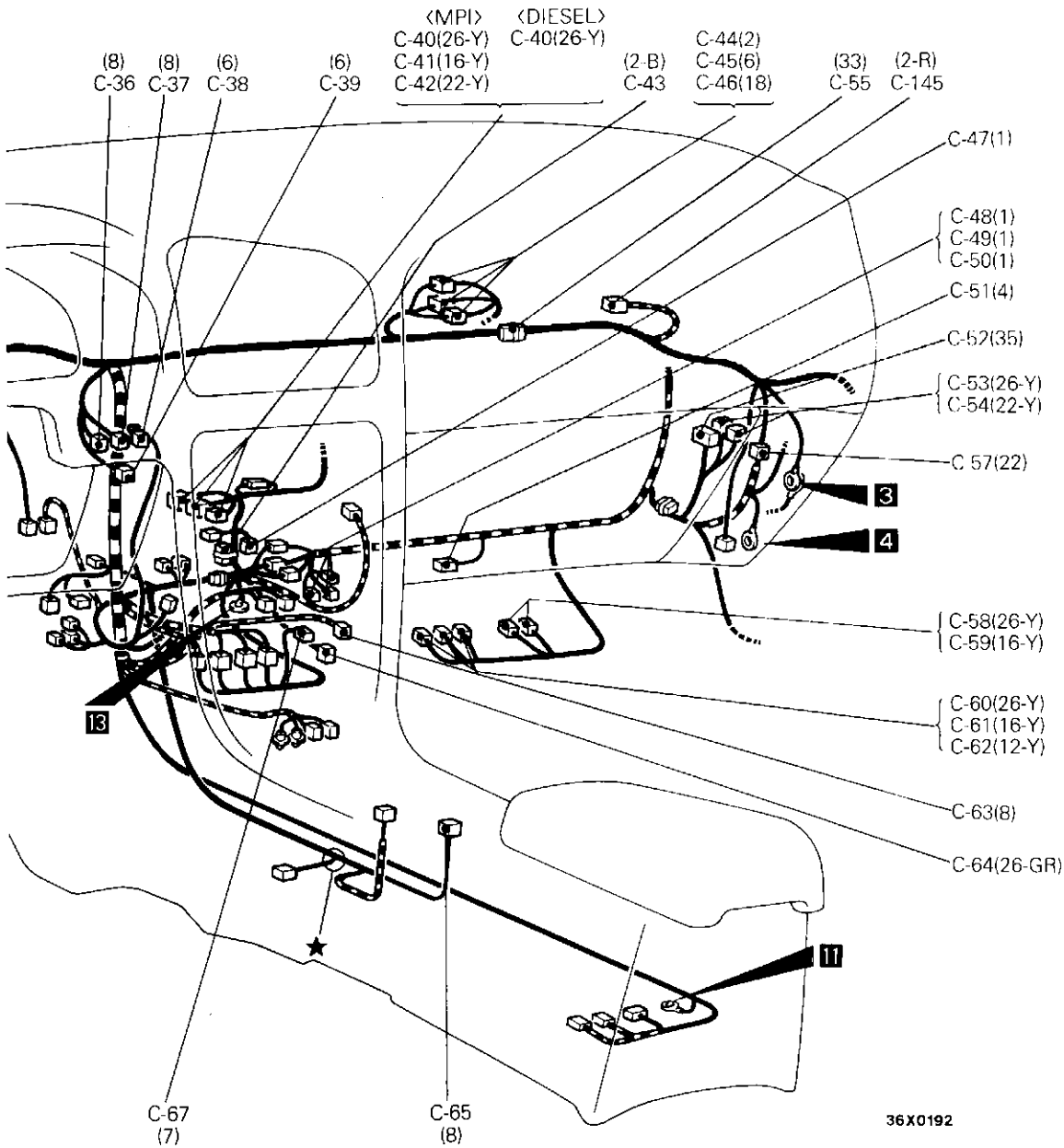


**Junction block (2)**  
(Front side) (Rear side)



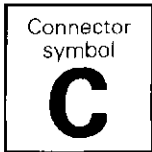
- |  |   |                                 |
|--|---|---------------------------------|
| C-01 } Dash wiring harness and floor wiring harness            | C-16  | Defogger relay                  |
| C-02 } combination   | C-17 } Instrument panel wiring harness and junction block (2) |                                 |
| C-03 }   | C-18 } combination  |                                 |
| C-04   | C-19 } Dash wiring harness and junction block (2) combination |                                 |
| C-05   | C-20 } thru   |                                 |
| C-06 } Dash wiring harness and junction block (1) combination  | C-21 } thru   |                                 |
| C-07 } combination   | C-22 }  |                                 |
| C-08 }   | C-23 }  |                                 |
| C-09   | C-24 }  |                                 |
| C-10 } Front wiring harness and junction block (1) combination | C-25 }  |                                 |
| C-11 }   | C-26 }  |                                 |
| C-12   | C-27  | Remote controlled mirror switch |
| C-13   | C-28  | Rheostat                        |
| C-14   | C-29  | Front fog lamp switch           |
| C-15   | C-30  | Rear fog lamp switch            |
|  | C-31 } Column switch  |                                 |
|  | C-32 } thru   |                                 |
|  | C-33 }  |                                 |
|  | C-34 }  |                                 |
|  | C-35 }  |                                 |
|  | C-36  | Rear wiper and washer switch    |
|  | C-37  | Auto-cruise control main switch |
|  | C-38  | TCL-switch                      |



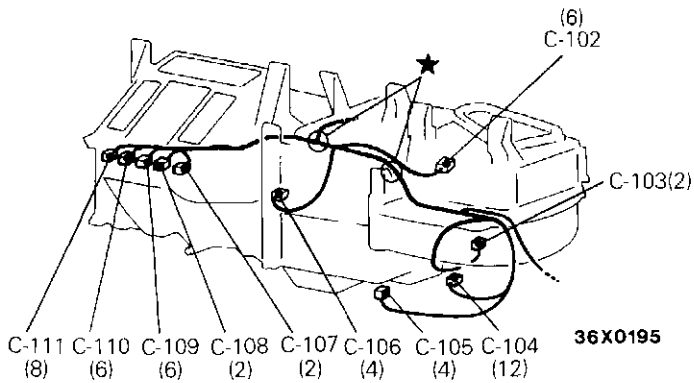


|           |  |       |  |
|-----------|--|-------|--|
| C-39      | Headlamp leveling switch                               | C-57  | Dash wiring harness and ABS wiring harness combination |
| C-40      | Engine ECU   | C-58  | TCL-ECU  |
| C-41      |  | C-59  |  |
| C-42      |  | C-60  | ECS-ECU  |
| C-43      | C-61   |       |  |
| C-44      | Fuel octane ratio selection connector                  | C-62  |  |
| C-45      | Dash wiring harness and A/C wiring harness combination | C-63  | Door lock ECU  |
| C-46      |  | C-64  | Auto-cruise ECU or spare connector                     |
| C-47      |  | C-65  | ECS switch   |
| thru C-50 | No connection  | C-66  | —  |
| C-51      | ECS relay  | C-67  | EPS-ECU  |
| C-52      | ABS-ECU <4WD>  | C-68  | Key reminder switch                                    |
| C-53      | ABS-ECU <2WD>  | C-69  | Ignition switch  |
| C-54      |  | C-143 | ETACS-ECU  |
| C-55      | Jumper connector                                       | C-144 | Diode <theft alarm system>                             |
| C-56      | —  | C-145 | Air bag module (passenger)                             |

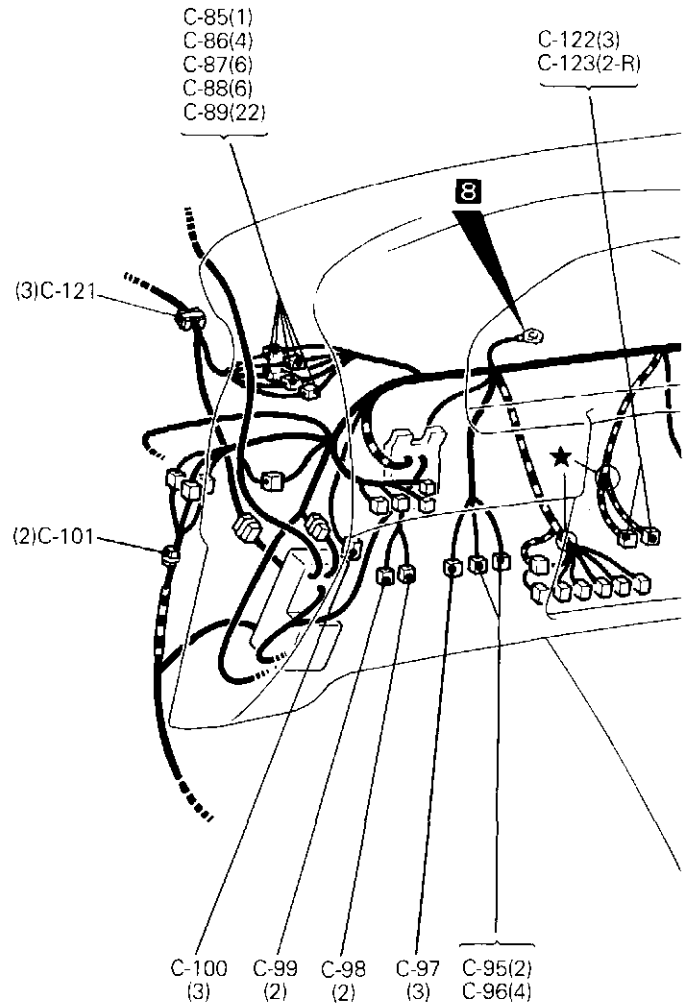
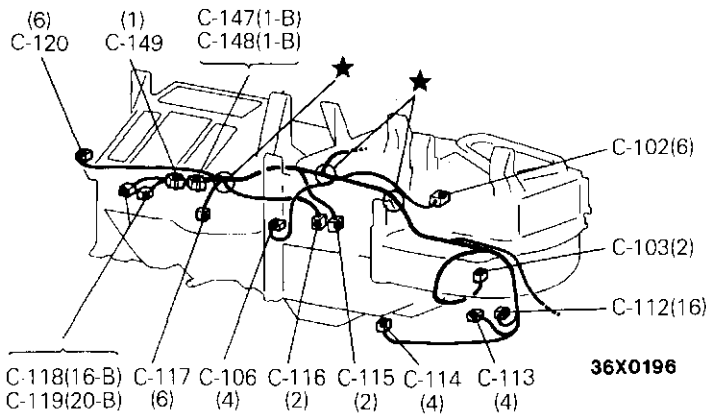
L.H. drive vehicles



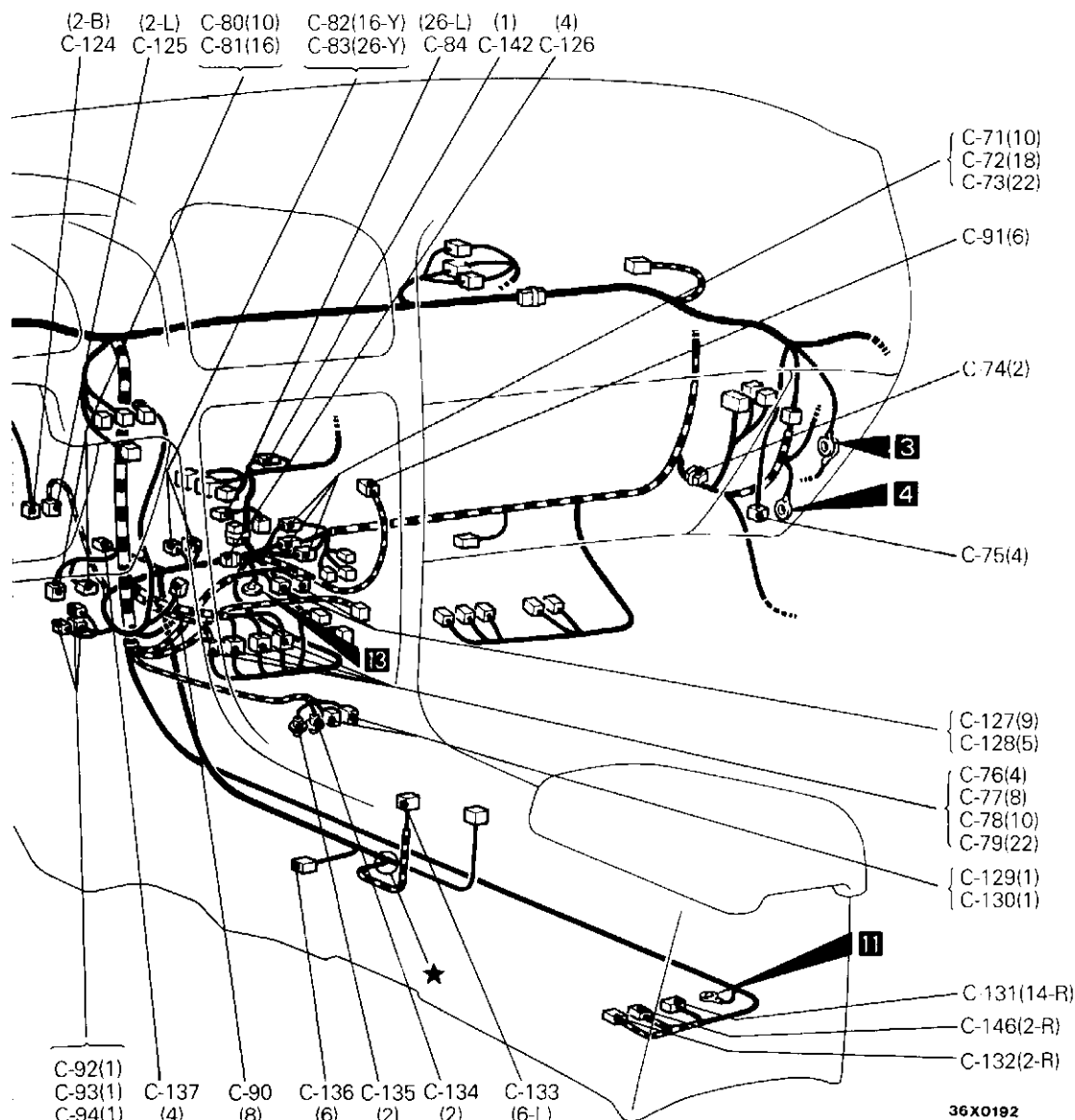
<With manual A/C>



<With full auto A/C>



|           |  |       |   |
|-----------|--|-------|---|
| C-70      | —  | C-90  | Engine control relay  |
| C-71      | } ABS wiring harness and control wiring harness combination  | C-91  | Engine oil level relay  |
| C-72      |  | C-92  | } No connection   |
| C-73      |  | C-93  |   |
| C-74      | Diode <ABS-2WD>  | C-94  | } Stop lamp switch (2-pin) or no connection <Auto-cruise control> |
| C-75      | Rear fog lamp relay  | C-95  |   |
| C-76      | } Dash wiring harness and control wiring harness combination | C-96  | Stop lamp switch (4-pin) <Auto-cruise control> or no connection   |
| thru C-79 |  | C-97  | Pedal stroke sensor   |
| C-80      |  | C-98  | Clutch switch <TCL>   |
| C-81      | Diagnosis connector  | C-99  | Clutch switch <Auto-cruise control>                               |
| C-82      | } ELC-4A/T-ECU   | C-100 | Turn-signal and hazard flasher unit                               |
| C-83      |  | C-101 | Diode (for luggage compartment lamp) <Hatchback>                  |
| C-84      | 4WS-ECU  | C-102 | Air selection damper control motor                                |
| C-85      | } Front wiring harness and dash wiring harness combination   | C-103 | Blower motor  |
| thru C-89 |  | C-104 | Automatic compressor ECU  |



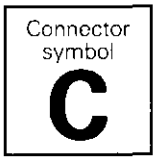
36X0192

- C-105 Resistor
- C-106 Air purifier
- C-107 Air purifier indicator lamp
- C-108 Heater control illumination lamp
- C-109 Air selection switch
- C-110 A/C switch
- C-111 Blower switch
- C-112 A/C belt lock controller
- C-113 Blower motor high relay
- C-114 Power transistor
- C-115 Fin thermo sensor
- C-116 Engine coolant temperature sensor
- C-117 Air mixing damper control motor
- C-118 } A/C control panel and ECU assembly
- C-119 }
- C-120 Mode selection damper control motor
- C-121 Diode (for rear fog lamp)
- C-122 } Clock spring
- C-123 }
- C-124 Accelerator pedal switch or no connection
- C-125 Kickdown switch

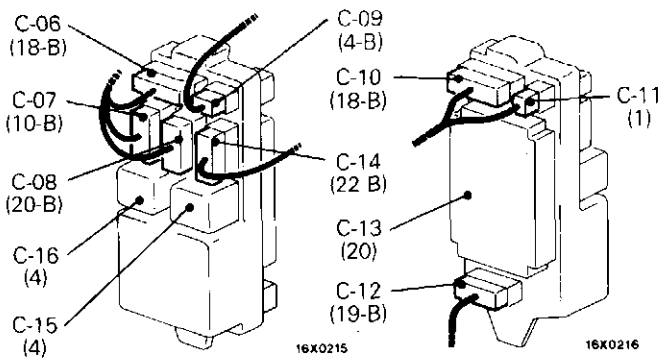
- C-126 Diode (MPI)
- C-127 } Radio
- C-128 }
- C-129 Cigarette lighter
- C-130 } SRS diagnosis unit
- C-131 }
- C-132 }
- C-133 Auto/hold change over switch
- C-134 Cigarette lighter illumination lamp
- C-135 Ashtray illumination lamp
- C-136 Overdrive switch
- C-137 Oxygen sensor
- C-138 } —
- thru }
- C-141 } Idle up cut connector
- C-142 }
- C-146 SRS diagnosis unit
- C-147 } Spare connector
- C-148 }
- C-149 }

# DASH PANEL

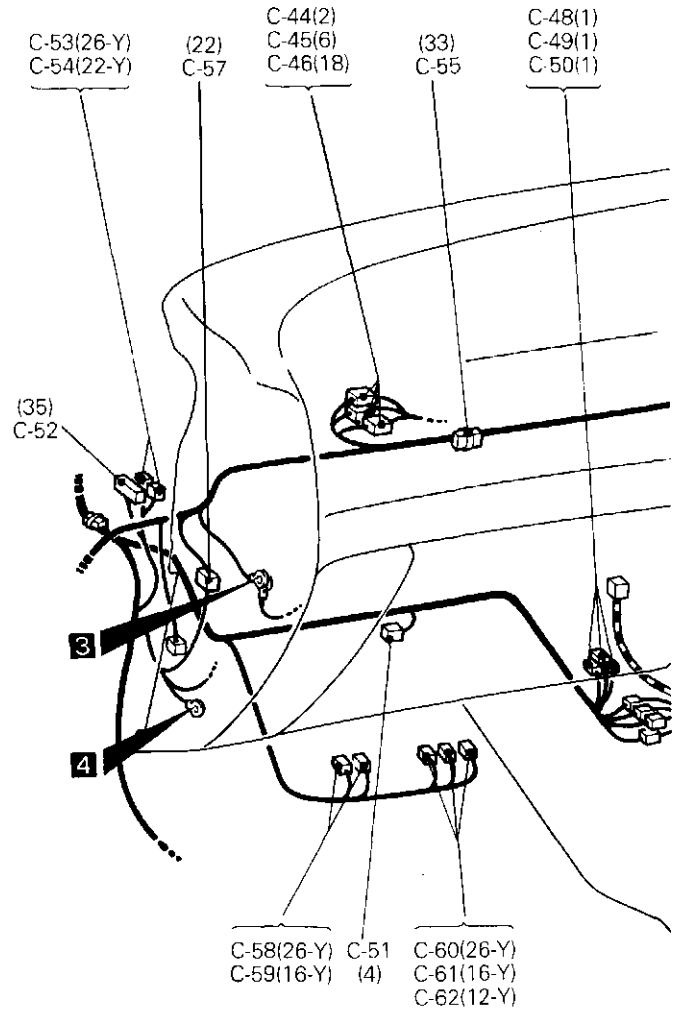
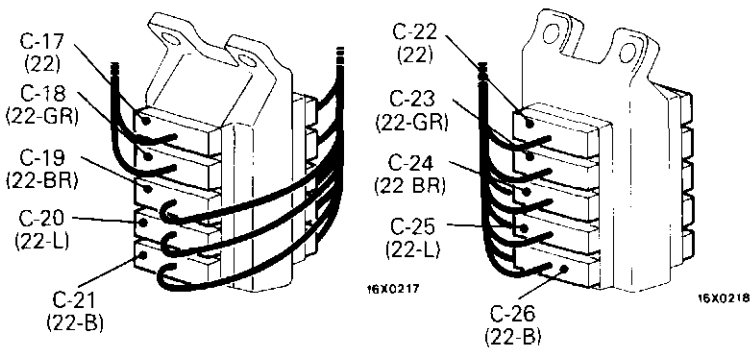
R.H. drive vehicles



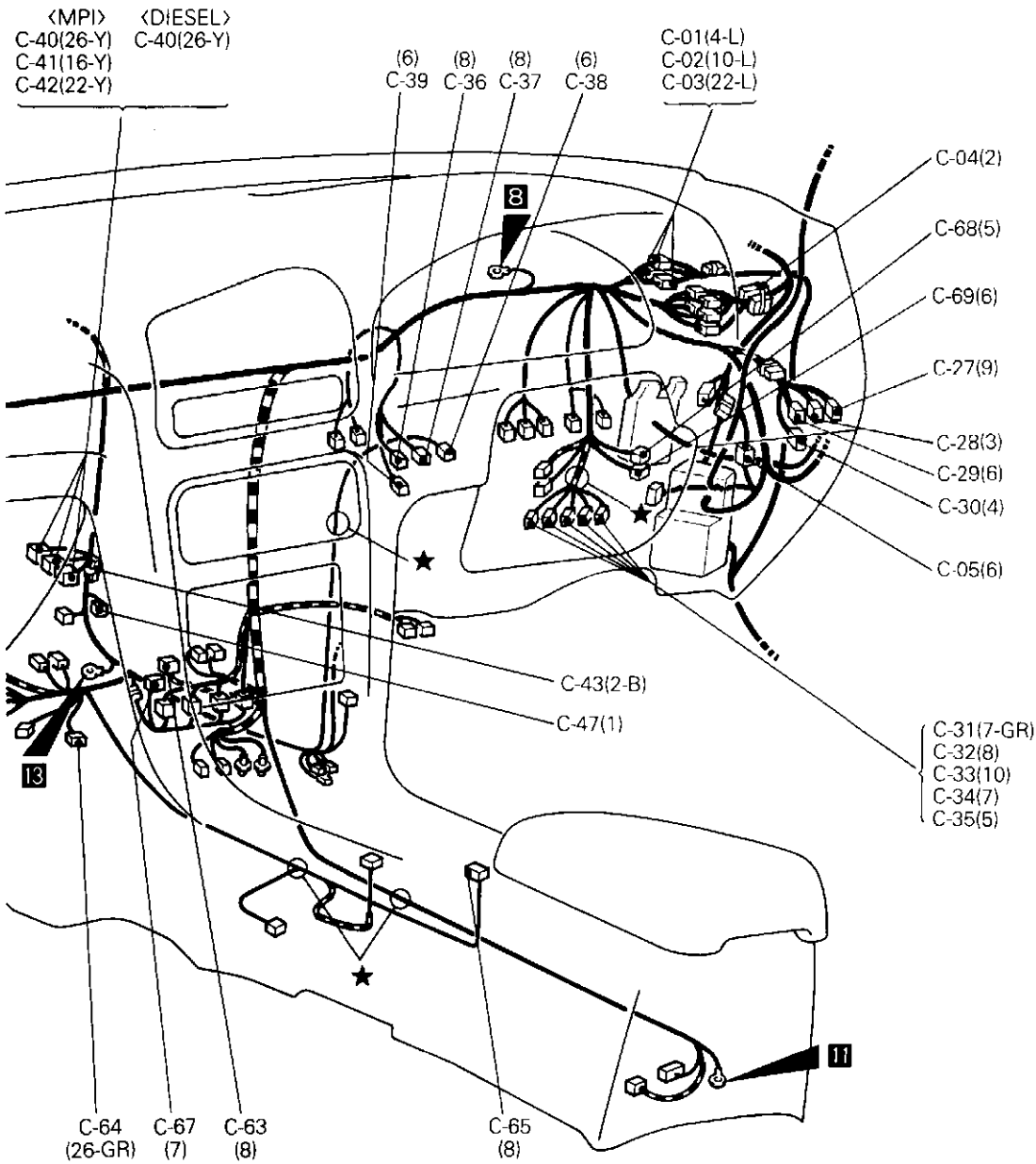
**Junction block (1)**  
(Front side) (Rear side)



**Junction block (2)**  
(Front side) (Rear side)



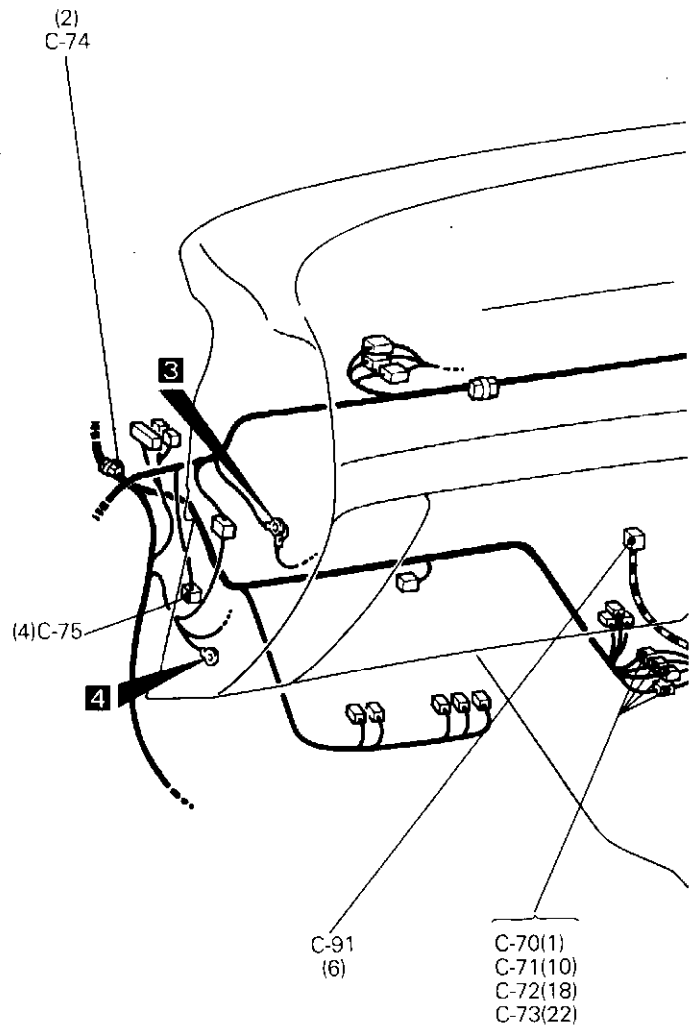
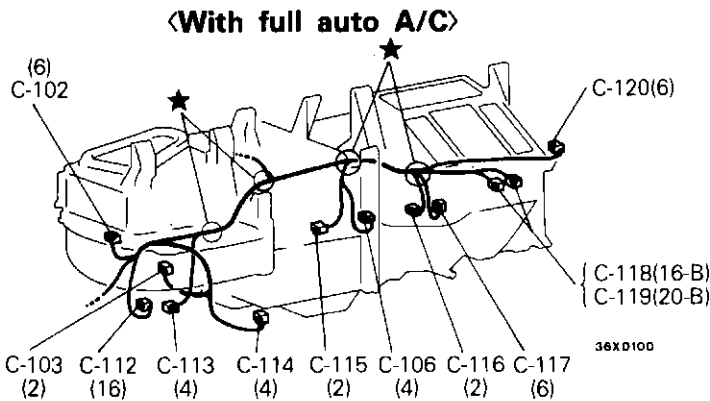
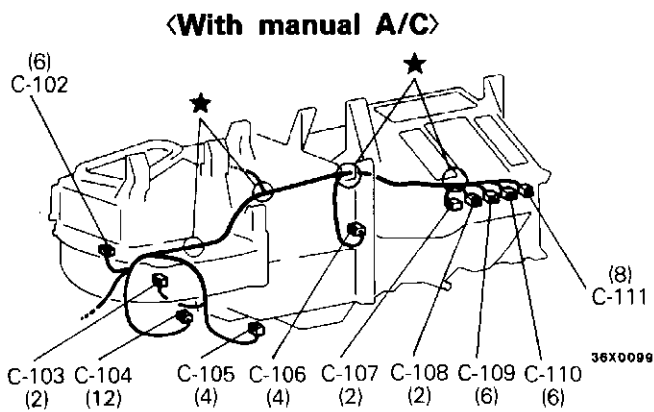
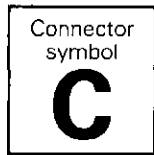
- |   |   |
|---|---|
| C-01 } Dash wiring harness and floor wiring harness combination           | C-15 } Blower relay   |
| C-02 } Dash wiring harness and floor wiring harness combination           | C-16 } Defogger relay   |
| C-03 } Diode <ABS-4WD>  | C-17 } Instrument panel wiring harness and junction block (2) combination |
| C-04 } Dash wiring harness and roof wiring harness combination            | C-18 } Instrument panel wiring harness and junction block (2) combination |
| C-05 } Dash wiring harness and roof wiring harness combination            | C-19 } Dash wiring harness and junction block (2) combination             |
| C-06 } Dash wiring harness and junction block (1) combination             | C-26 } Dash wiring harness and junction block (2) combination             |
| C-07 } Dash wiring harness and junction block (1) combination             | C-27 } Remote controlled mirror switch                                    |
| C-08 } Dash wiring harness and junction block (1) combination             | C-28 } Rheostat   |
| C-09 } Roof wiring harness and junction block (1) combination             | C-29 } Front fog lamp switch  |
| C-10 } Front wiring harness and junction block (1) combination            | C-30 } Rear fog lamp switch   |
| C-11 } Front wiring harness and junction block (1) combination            | C-31 } Column switch  |
| C-12 } Floor wiring harness and junction block (1) combination            | C-35 } Column switch  |
| C-13 } ETACS-ECU and Buzzer ECU   | C-36 } Rear wiper and washer switch                                       |
| C-14 } Instrument panel wiring harness and junction block (1) combination | C-37 } Auto-cruise control main switch                                    |



36X0214

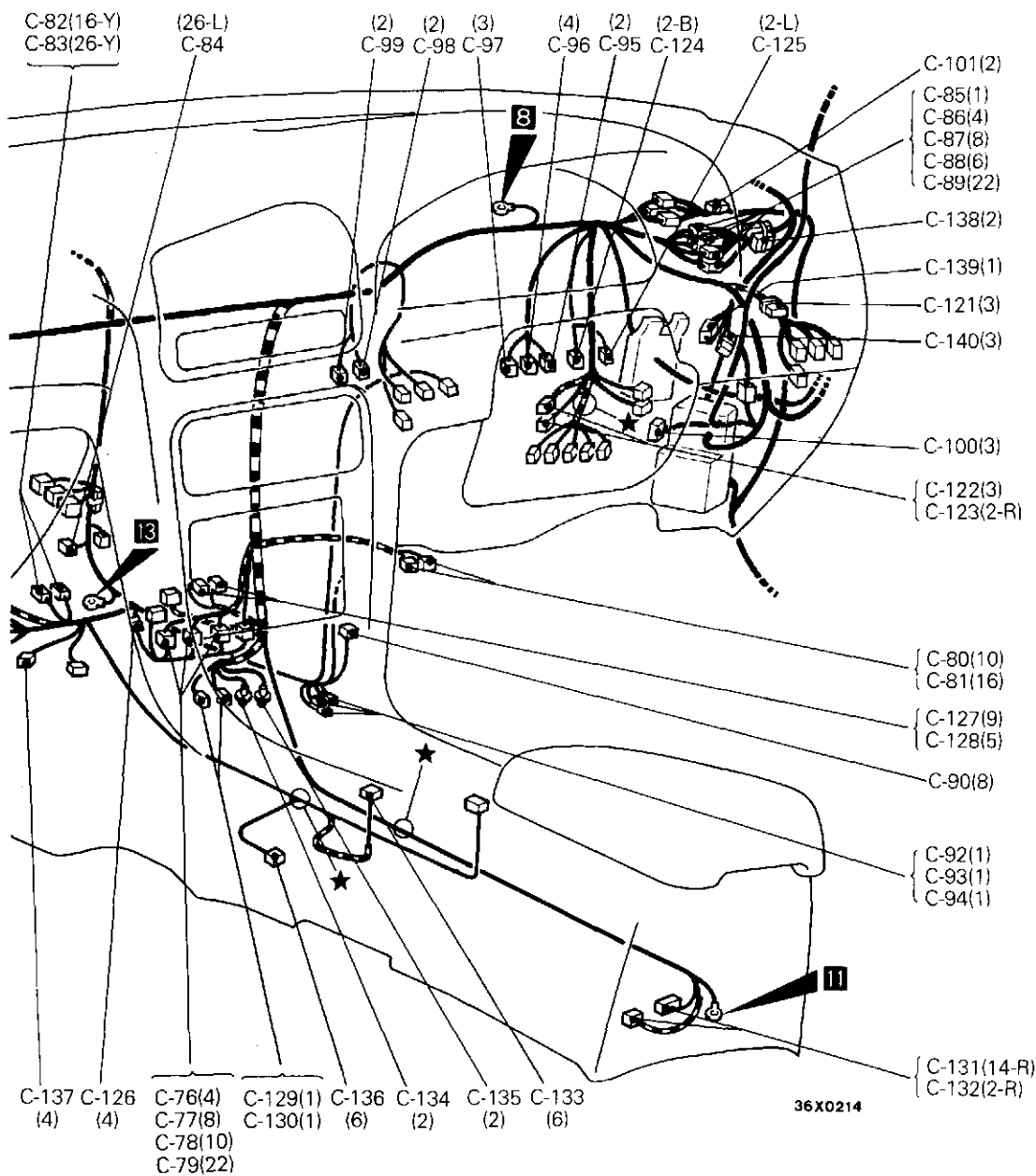
- |      |  |      |  |
|------|--|------|--|
| C-38 | TCL-switch   | C-55 | Jumper connector                                       |
| C-39 | Headlamp leveling switch                               | C-56 | —  |
| C-40 | Engine ECU   | C-57 | Dash wiring harness and ABS wiring harness combination |
| C-41 |  | C-58 | TCL-ECU  |
| C-42 |  | C-59 |  |
| C-43 | Fuel octane ratio selection connector                  | C-60 | ECS-ECU  |
| C-44 | Dash wiring harness and A/C wiring harness combination | C-61 |  |
| C-45 |  | C-62 |  |
| C-46 |  | C-63 | Door lock ECU  |
| C-47 | No connection  | C-64 | Auto-cruise ECU or spare connector                     |
| thru |  | C-65 | ECS switch   |
| C-50 | C-66   | —    |  |
| C-51 | ECS relay  | C-67 | EPS-ECU  |
| C-52 | ABS-ECU <4WD>  | C-68 | Key reminder switch                                    |
| C-53 | ABS-ECU <2WD>  | C-69 | Ignition switch  |
| C-54 |  |      |  |

R.H. drive vehicles



- C-70 } ABS wiring harness and control wiring harness
- thru } combination
- C-73 }
- C-74 Diode
- C-75 Rear fog lamp relay
- C-76 } Dash wiring harness and control wiring harness
- thru } combination
- C-79 }
- C-80 } Diagnosis connector
- C-81 }
- C-82 } ELC-4AT-ECU
- C-83 }
- C-84 4WS-ECU
- C-85 } Front wiring harness and dash wiring harness
- thru } combination
- C-89 }
- C-90 Engine control relay
- C-91 Engine oil level relay

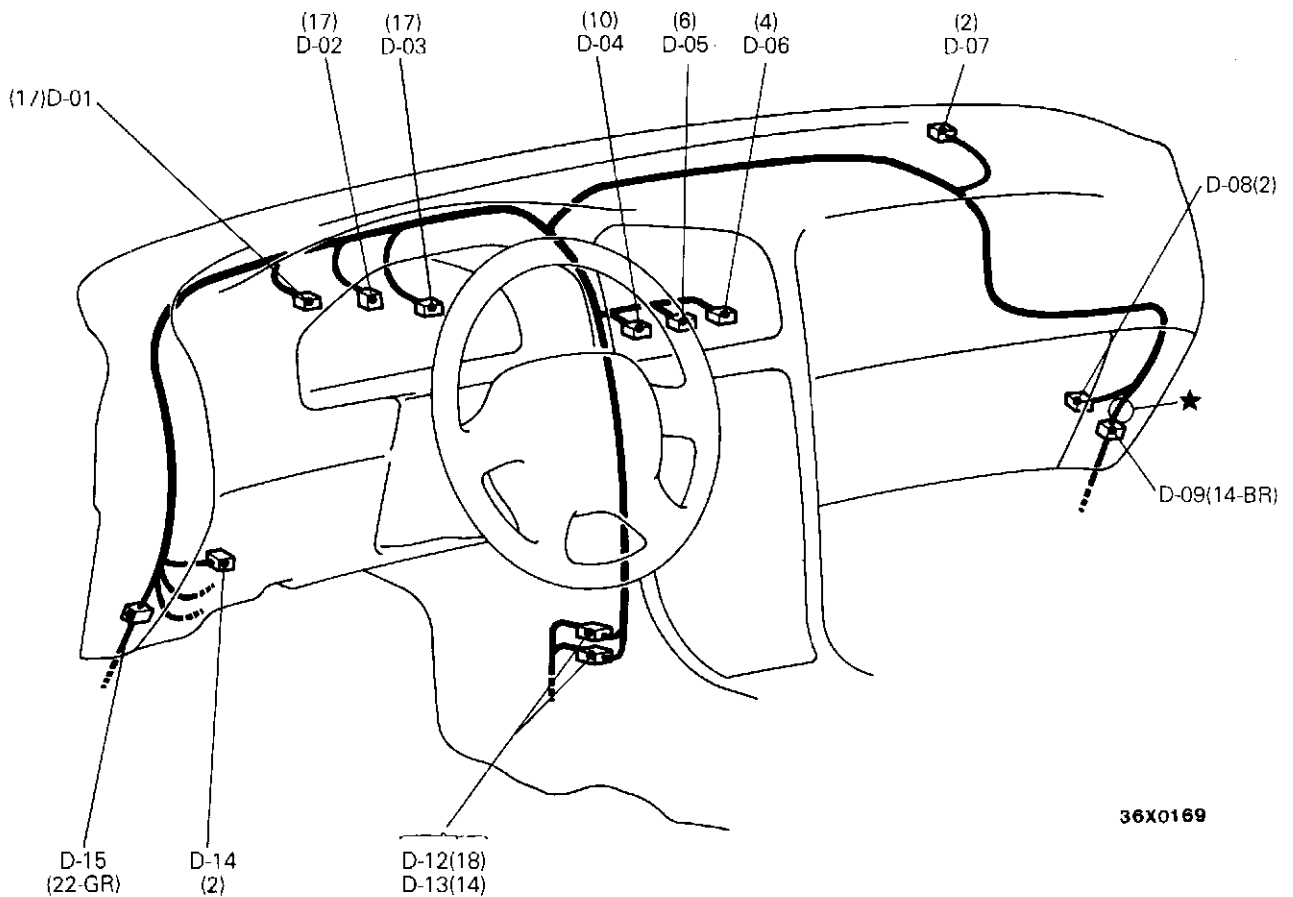
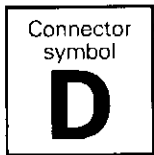
- C-92 } No connection
- C-93 }
- C-94 }
- C-95 Stop lamp switch (2-pin) or no connection  
<Auto-cruise control>
- C-96 Stop lamp switch (4-pin) <Auto-cruise control> or no connection
- C-97 Pedal stroke sensor
- C-98 Clutch switch <TCL>
- C-99 Clutch switch <Auto-cruise control>
- C-100 Turn-signal and hazard flasher unit
- C-101 Diode (for luggage compartment lamp) <Hatchback>
- C-102 Air selection damper control motor
- C-103 Blower motor
- C-104 Automatic compressor ECU
- C-105 Resistor
- C-106 Air purifier



- |         |                                     |         |   |
|---------|-------------------------------------|---------|---|
| C-107   | Air purifier indicator lamp         | C-124   | Accelerator pedal switch or no connection |
| C-108   | Heater control illumination lamp    | C-125   | kickdown switch                           |
| C-109   | Air selection switch                | C-126   | Diode <MPI>                               |
| C-110   | A/C switch                          | C-127 } | Radio                                     |
| C-111   | Blower switch                       | C-128 } |   |
| C-112   | A/C belt lock controller            | C-129 } | Cigarette lighter                         |
| C-113   | Blower high relay                   | C-130 } |   |
| C-114   | Power transistor                    | C-131 } | SRS diagnosis unit                        |
| C-115   | Fin thermo sensor                   | C-132 } |   |
| C-116   | Engine coolant temperature sensor   | C-133   | Auto/hold change over switch              |
| C-117   | Air mixing damper control motor     | C-134   | Cigarette lighter illumination lamp       |
| C-118 } | A/C control panel and ECU assembly  | C-135   | Ashtray illumination lamp                 |
| C-119 } |                                     |         | C-136                                     |
| C-120   | Mode selection damper control motor | C-137   | Oxygen sensor                             |
| C-121   | Diode (for rear fog lamp)           | C-138   | Diode (for dim-dip lamp)                  |
| C-122 } | Clock spring                        | C-139   | Joint connector                           |
| C-123 } |                                     |         | C-140                                     |

# INSTRUMENT PANEL

L.H. drive vehicles



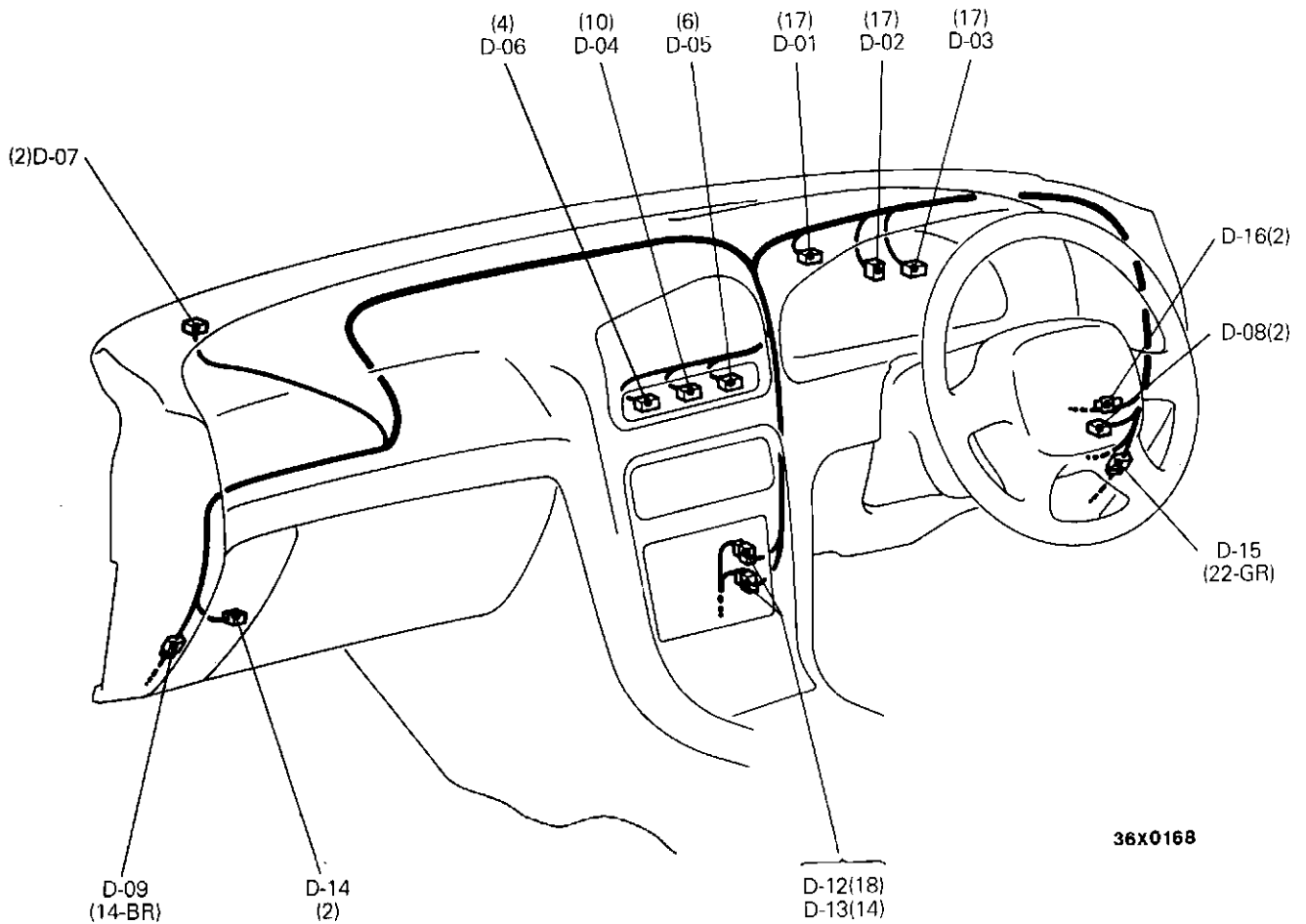
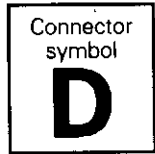
36X0169

- |      |  |      |  |
|------|--|------|--|
| D-01 | } Combination meter  | D-10 | —  |
| D-02 |  | D-11 | —  |
| D-03 |  | D-12 | } Instrument panel wiring harness and control wiring harness combination |
| D-04 | Hazard switch  | D-13 |  |
| D-05 | Defogger switch  | D-14 | Front speaker (LH)   |
| D-06 | Clock  | D-15 | Instrument panel wiring harness and dash wiring harness combination      |
| D-07 | Photo sensor   | D-16 | —  |
| D-08 | Front speaker (RH)   |      |  |
| D-09 | Instrument panel wiring harness and ABS wiring harness combination |      |  |



# INSTRUMENT PANEL

R.H. drive vehicles

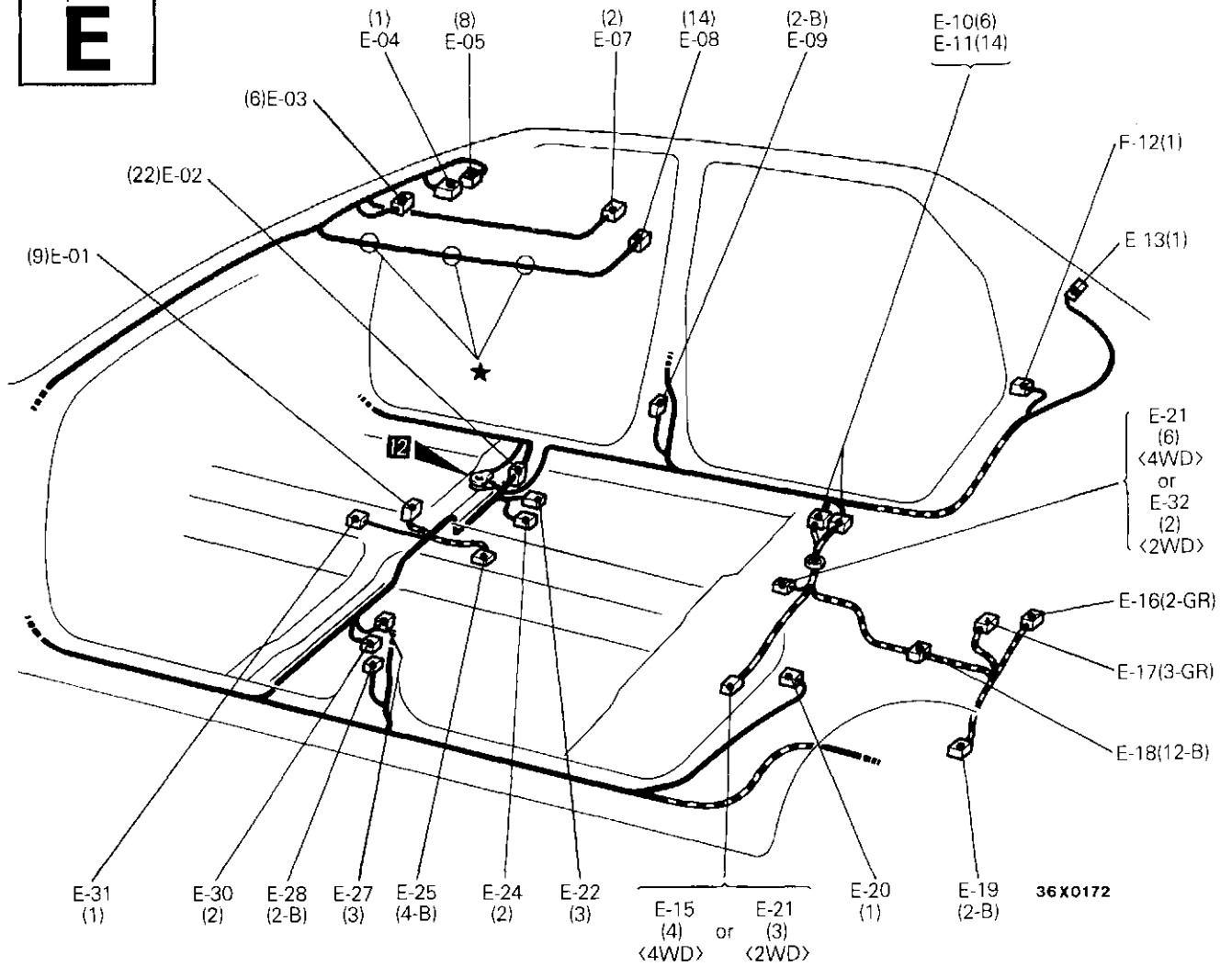
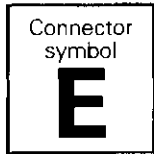


36x0168

|                            |  |        |  |
|----------------------------|--|--------|--|
| D-01 }<br>D-02 }<br>D-03 } | Combination meter  | D-10   | —  |
| D-04                       | Hazard switch  | D-11   | —  |
| D-05                       | Defogger switch  | D-12 } | Instrument panel wiring harness and control wiring harness combination |
| D-06                       | Clock  | D-13 } |  |
| D-07                       | Photo sensor   | D-14   | Front speaker (LH)   |
| D-08                       | Front speaker (RH)   | D-15   | Instrument panel wiring harness and dash wiring harness combination    |
| D-09                       | Instrument panel wiring harness and ABS wiring harness combination | D-16   | Diode <Vehicles with ACTIVE-ECS>                                       |

**FLOOR, ROOF**

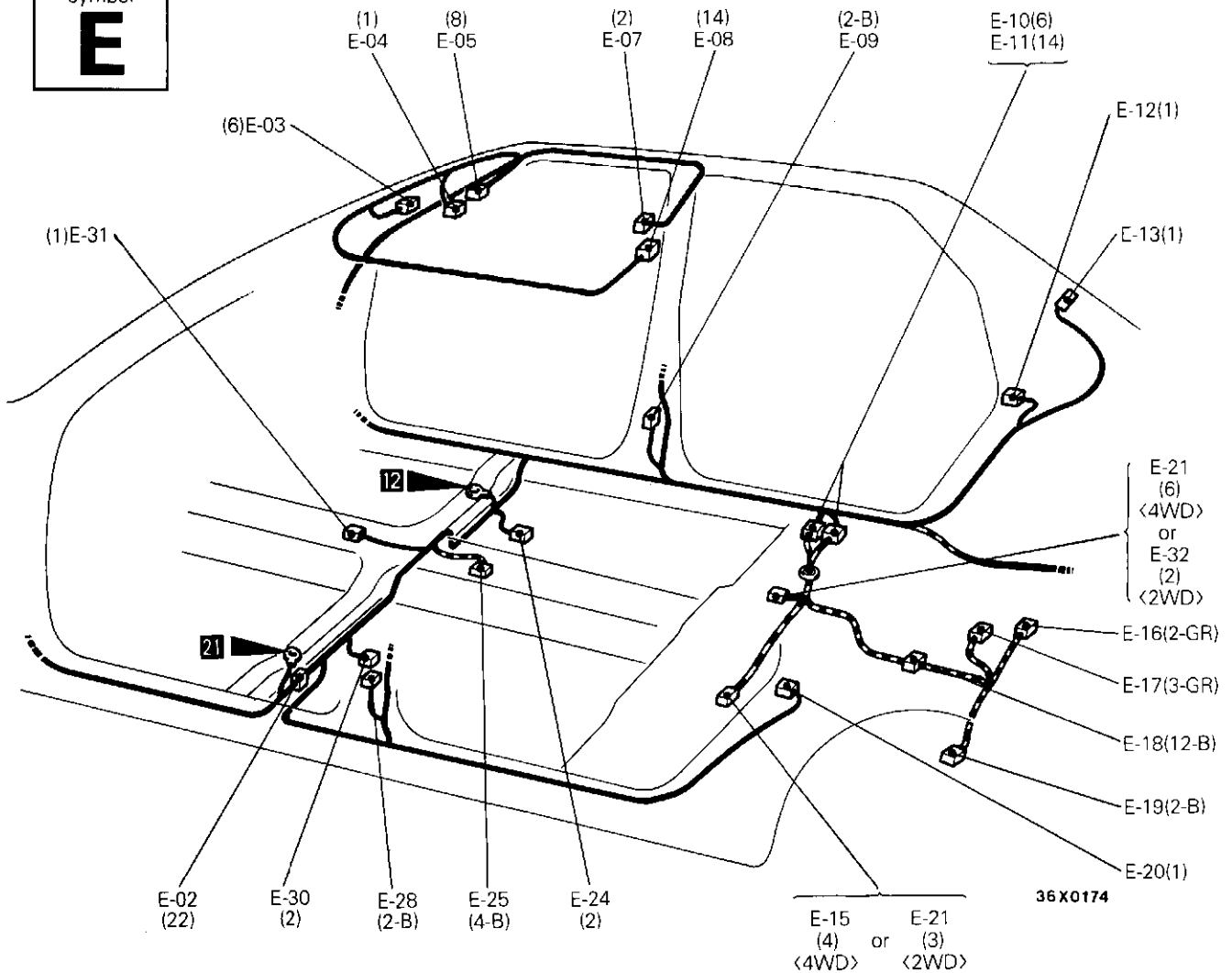
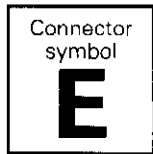
**Sedan <L.H. drive vehicles>**



- |   |   |                  |   |
|---|---|------------------|---|
| E-01  | Heated seat switch                                      | E-17             | Rear stroke sensor  |
| E-02  | Floor wiring harness and ABS wiring harness combination | F 18             | Fuel wiring harness and sensor wiring harness combination |
| E-03  | Sunroof motor   | E-19             | Speed sensor (Rear: LH)                                   |
| E-04  | Spot lamp   | E 20             | Rear door switch (LH)                                     |
| E-05  | Sunroof switch and room lamp <Vehicles with sunroof>    | E-21             | Fuel gauge unit   |
| E-06  | —   | E-22             | Heated seat (RH)  |
| E-07  | Room lamp <Vehicles without sunroof>                    | E-23             | —   |
| E-08  | Sunroof ECU   | E-24             | Power seat assembly (RH)                                  |
| E-09  | Front door switch (RH)                                  | E-25             | G sensor  |
| E-10 } Floor wiring harness and fuel wiring harness | E-26  | —                |   |
| E-11 } combination                                  | E-27  | Heated seat (LH) |   |
| E-12  | Rear door switch (RH)                                   | E-28             | Front door switch (LH)                                    |
| E-13  | Defogger (+)  | E-29             | —   |
| E-14  | —   | E-30             | Power seat assembly (LH)                                  |
| E-15  | Sub fuel gauge unit <4WD>                               | E-31             | Parking brake switch                                      |
| E-16  | Speed sensor (Rear: RH)                                 | E-32             | Fuel pump <MPI-2WD>                                       |

**FLOOR, ROOF**

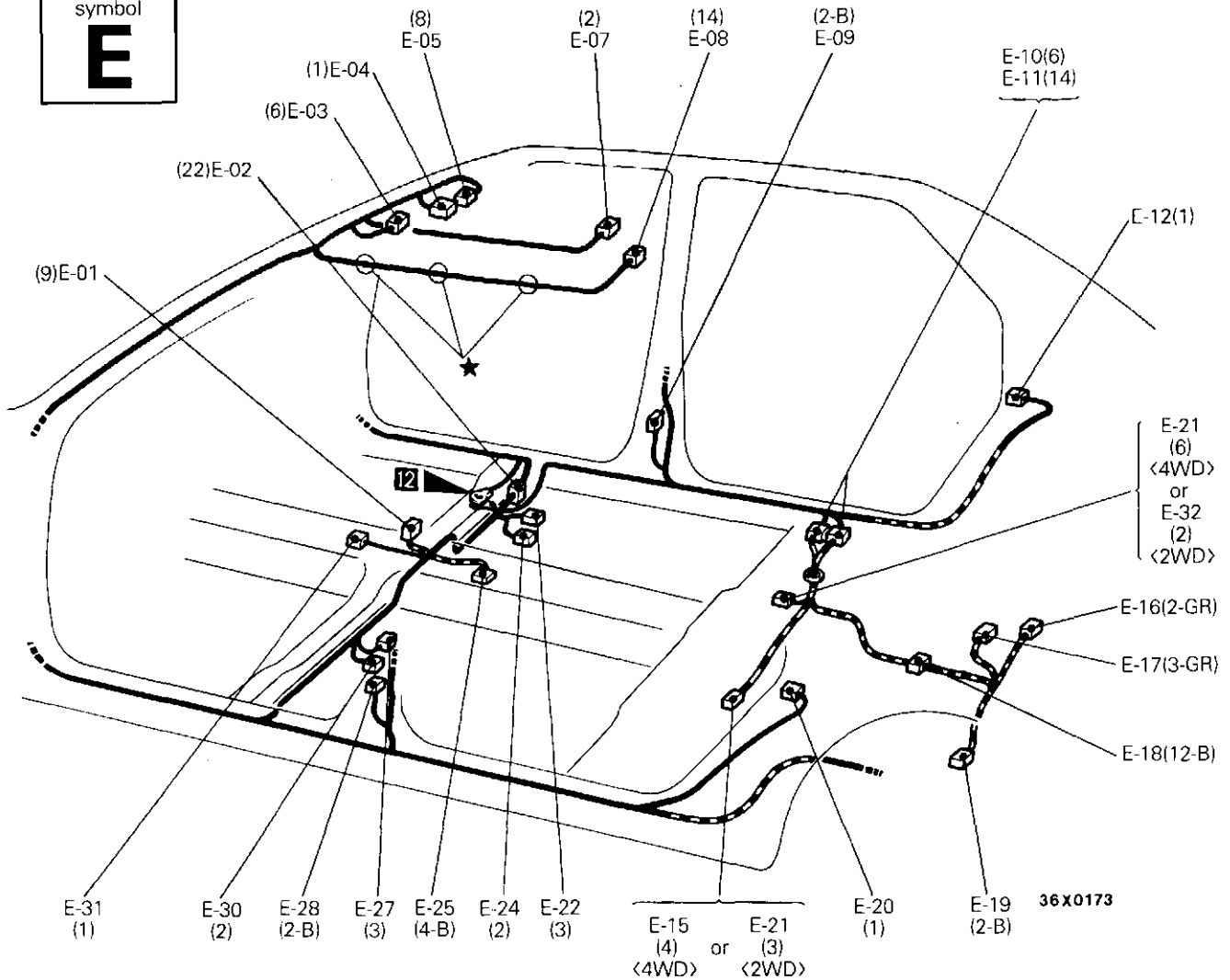
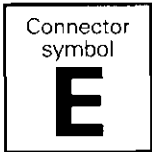
**Sedan <R.H. drive vehicles>**



- |   |   |      |   |
|---|---|------|---|
| E-01  | —   | E-17 | Rear stroke sensor  |
| E-02  | Floor wiring harness and ABS wiring harness combination | E-18 | Fuel wiring harness and sensor wiring harness combination |
| E-03  | Sunroof motor   | E-19 | Speed sensor (Rear: LH)                                   |
| E-04  | Spot lamp   | E-20 | Rear door switch (LH)                                     |
| E-05  | Sunroof switch and room lamp <Vehicles with sunroof>    | E-21 | Fuel gauge unit   |
| E-06  | —   | E-22 | —   |
| E-07  | Room lamp <Vehicles without sunroof>                    | E-23 | —   |
| E-08  | Sunroof ECU   | E-24 | Power seat assembly (RH)                                  |
| E-09  | Front door switch (RH)                                  | E-25 | G sensor  |
| E-10 } Floor wiring harness and fuel wiring harness combination |   | E-26 | —   |
| E-11 }  |   | E-27 | —   |
| E-12  | Rear door switch (RH)                                   | E-28 | Front door switch (LH)                                    |
| E-13  | Defogger (+)  | E-29 | —   |
| E-14  | —   | E-30 | Power seat assembly (LH)                                  |
| E-15  | Sub fuel gauge unit <4WD>                               | E-31 | Parking brake switch                                      |
| E-16  | Speed sensor (Rear: RH)                                 | E-32 | Fuel pump <MPI-2WD>                                       |

# FLOOR, ROOF

Hatchback <L.H. drive vehicles>

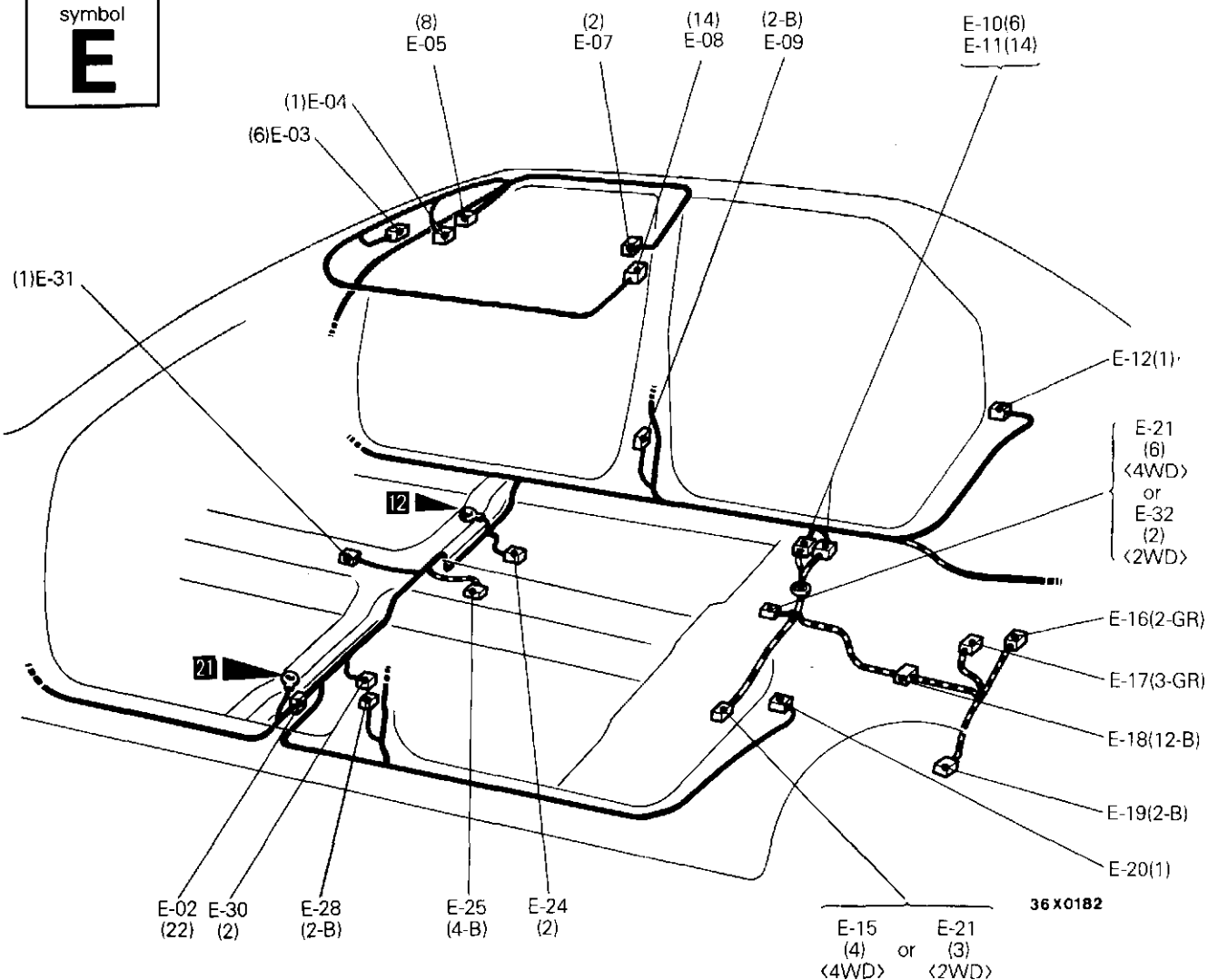
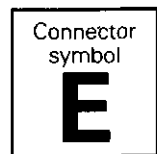


- E-01 Heated seat switch
- E-02 Floor wiring harness and ABS wiring harness combination
- E-03 Sunroof motor
- E-04 Spot lamp
- E-05 Sunroof switch and room lamp <Vehicles with sunroof>
- E-06 —
- E-07 Room lamp <Vehicles without sunroof>
- E-08 Sunroof ECU
- E-09 Front door switch (RH)
- E-10 } Floor wiring harness and fuel wiring harness
- E-11 } combination
- E-12 Rear door switch (RH)
- E-13 —
- E-14 —
- E-15 Sub fuel gauge unit <4WD>
- E-16 Speed sensor (Rear: RH)

- E-17 Rear stroke sensor
- E-18 Fuel wiring harness and sensor wiring harness combination
- E-19 Speed sensor (Rear: LH)
- E-20 Rear door switch (LH)
- E-21 Fuel gauge unit
- E-22 Heated seat (RH)
- E-23 —
- E-24 Power seat assembly (RH)
- E-25 G sensor
- E-26 —
- E-27 Heated seat (LH)
- E-28 Front door switch (LH)
- E-29 —
- E-30 Power seat assembly (LH)
- E-31 Parking brake switch
- E-32 Fuel pump <MPI-2WD>

**FLOOR, ROOF**

**Hatchback <R.H. drive vehicles>**

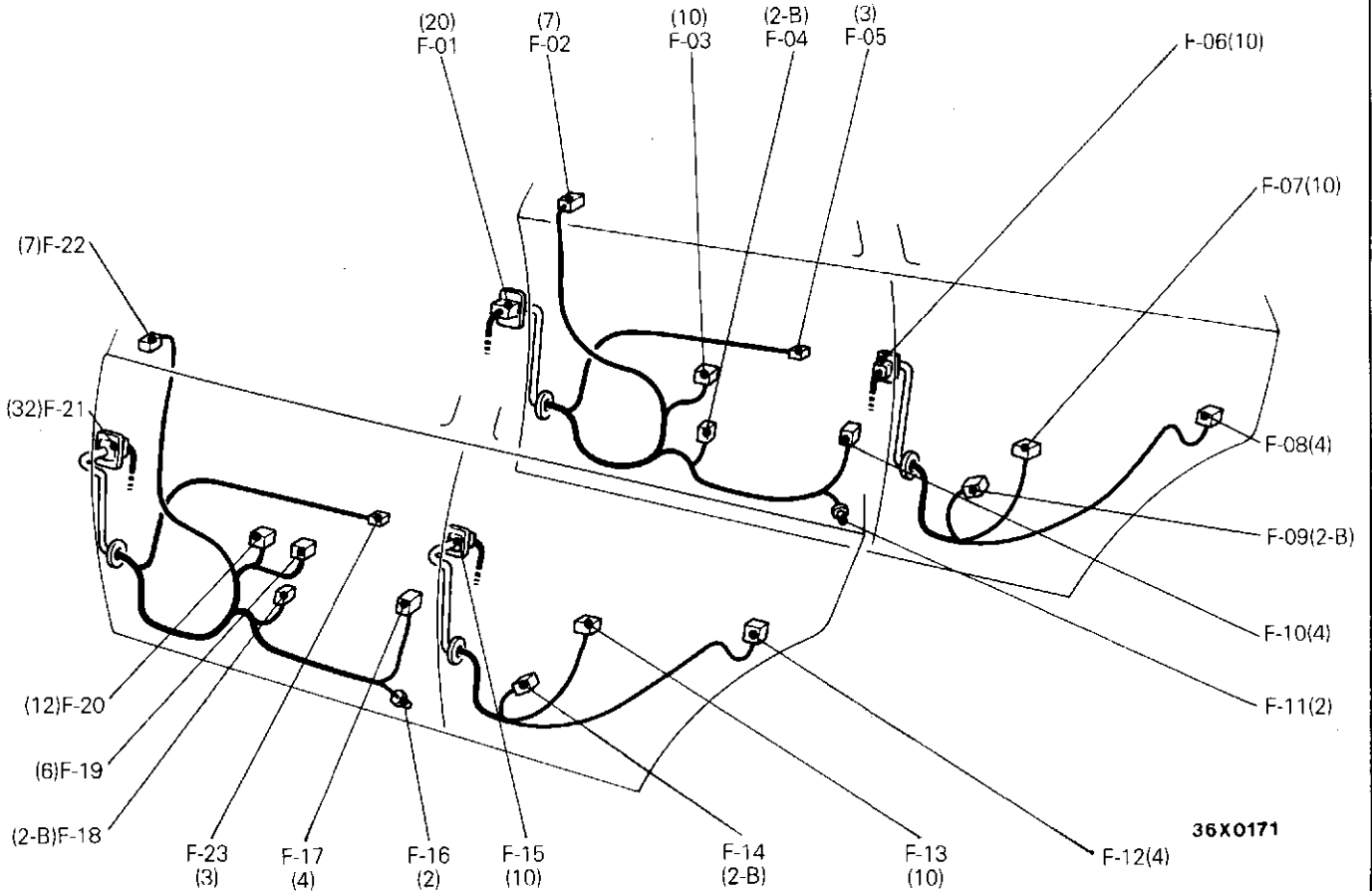
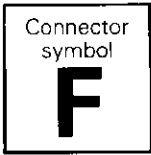


- E-01 —
- E-02 Floor wiring harness and ABS wiring harness combination
- E-03 Sunroof motor
- E-04 Spot lamp
- E-05 Sunroof switch and room lamp <Vehicles with sunroof>
- E-06 —
- E-07 Room lamp <Vehicles without sunroof>
- E-08 Sunroof ECU
- E-09 Front door switch (RH)
- E-10 } Floor wiring harness and fuel wiring harness combination
- E-11 }
- E-12 Rear door switch (RH)
- E-13 —
- E-14 —
- E-15 Sub fuel gauge unit <4WD>
- E-16 Speed sensor (Rear: RH)

- E-17 Rear stroke sensor
- E-18 Fuel wiring harness and sensor wiring harness combination
- E-19 Speed sensor (Rear: LH)
- E-20 Rear door switch (LH)
- E-21 Fuel gauge unit
- E-22 —
- E-23 —
- E-24 Power seat assembly (RH)
- E-25 G sensor
- E-26 —
- E-27 —
- E-28 Front door switch (LH)
- E-29 —
- E-30 Power seat assembly (LH)
- E-31 Parking brake switch
- E-32 Fuel pump <MPI-2WD>

**DOOR**

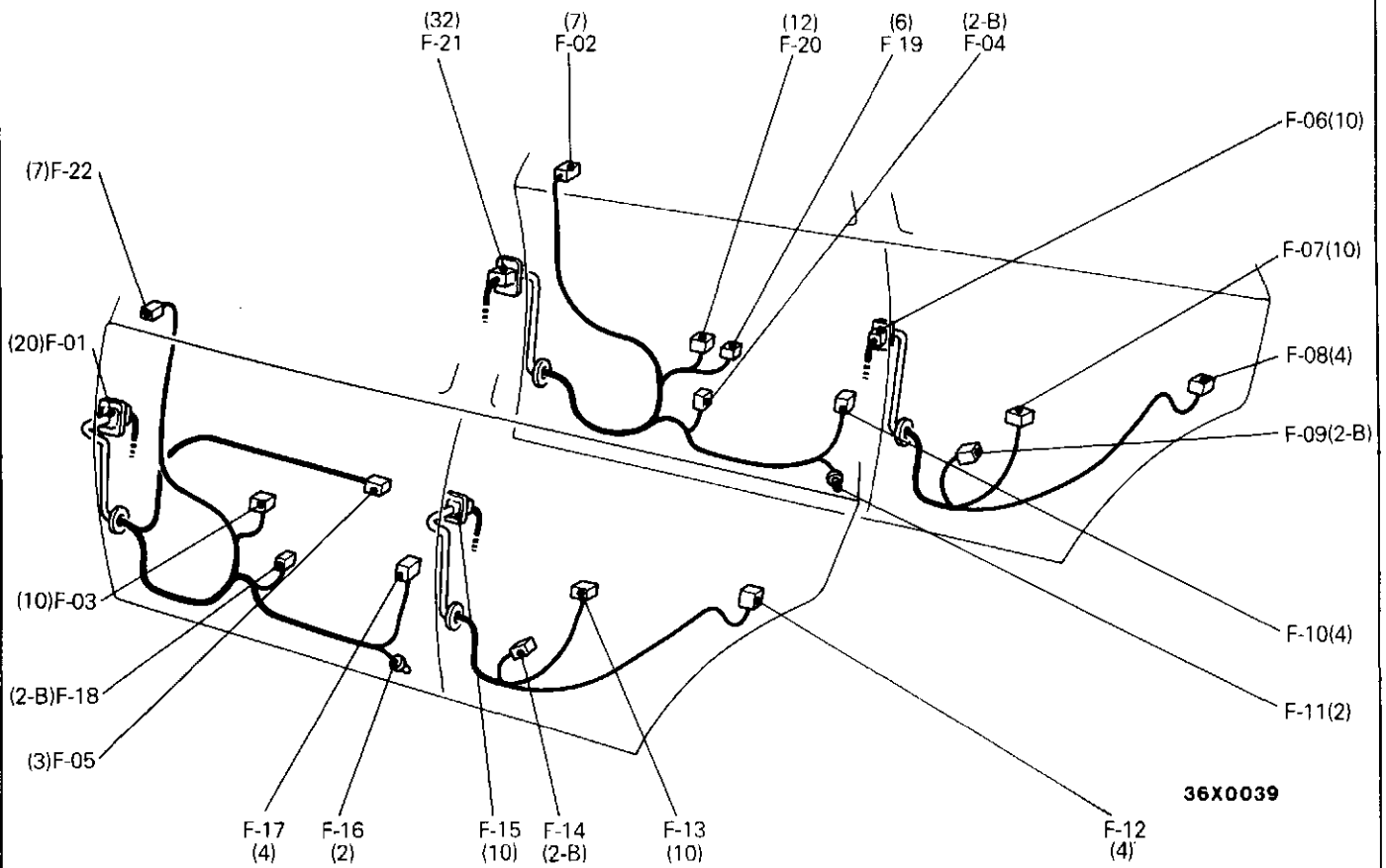
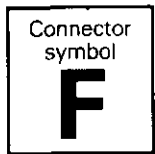
L.H. drive vehicles



- |      |  |      |   |
|------|--|------|---|
| F-01 | Dash wiring harness and front door wiring harness (Passenger's side) combination | F-13 | Power window switch (Rear: L.H.)  |
| F-02 | Door mirror (R.H.)   | F-14 | Power window motor (Rear: L.H.)   |
| F-03 | Power window switch (Passenger's side)   | F-15 | Floor wiring harness and rear door wiring harness (L.H.) combination          |
| F-04 | Power window motor (Front: R.H.)   | F-16 | Door lamp (Front: L.H.)   |
| F-05 | Door lock key cylinder switch (Passenger's side)                                 | F-17 | Door lock actuator (Front: L.H.)  |
| F-06 | Floor wiring harness and rear door wiring harness (R.H.) combination             | F-18 | Power window motor (Front: L.H.)  |
| F-07 | Power window switch (Rear: R.H.)   | F-19 | Power window switch (Driver's side)   |
| F-08 | Door lock actuator (Rear: R.H.)  | F-20 |   |
| F-09 | Power window motor (Rear: R.H.)  | F-21 | Dash wiring harness and front door wiring harness (Driver's side) combination |
| F-10 | Door lock actuator (Front: R.H.)   | F-22 | Door mirror (L.H.)  |
| F-11 | Door lamp (Front: R.H.)  | F-23 | Door lock key cylinder switch (Driver's side)                                 |
| F-12 | Door lock actuator (Rear: L.H.)  |      |   |

**DOOR**

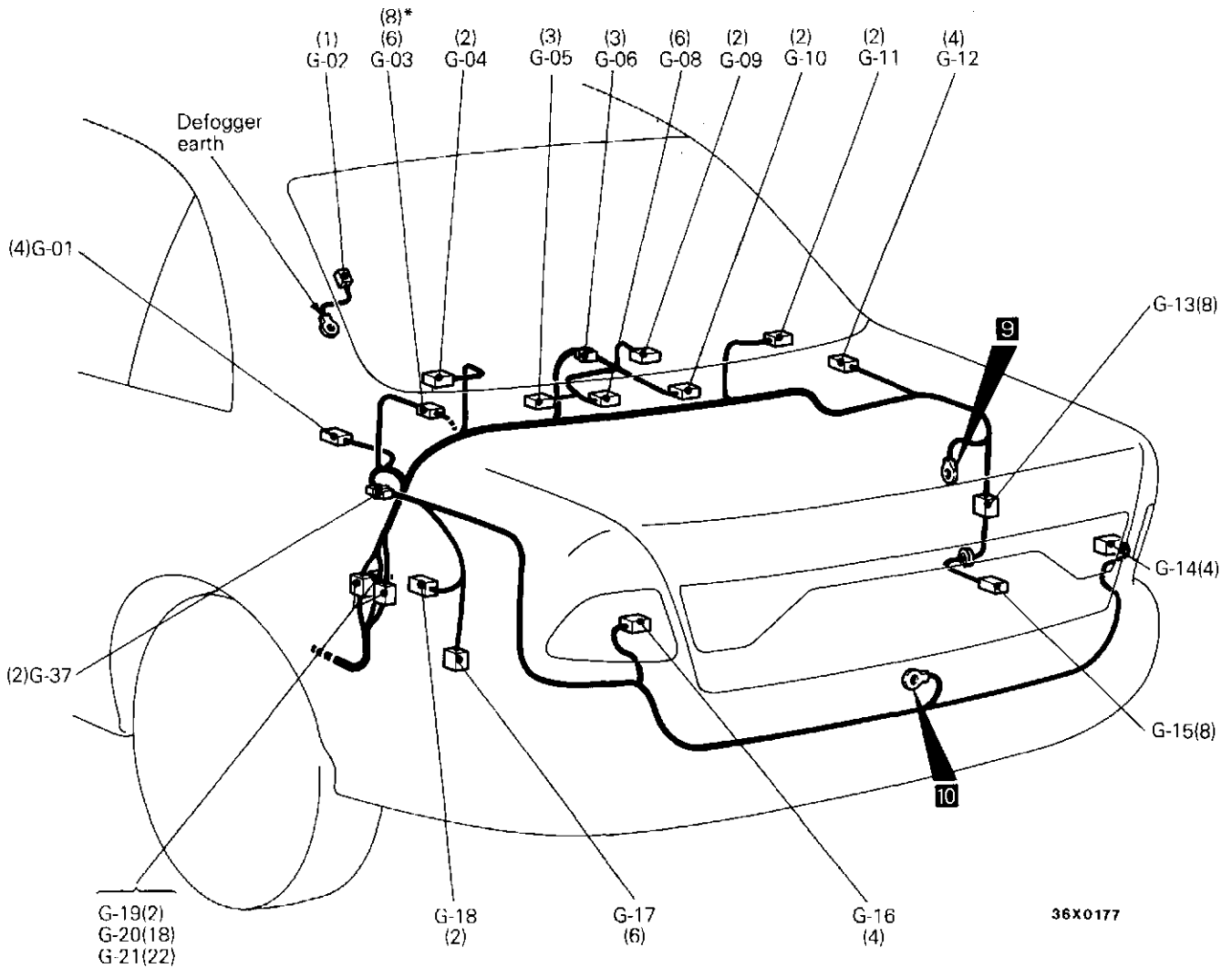
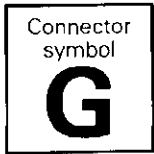
**R.H. drive vehicles**



- |      |  |        |   |
|------|--|--------|---|
| F-01 | Dash wiring harness and front door wiring harness (Passenger's side) combination | F-12   | Door lock actuator (Rear: L.H.)   |
| F-02 | Door mirror (R.H.)   | F-13   | Power window switch (Rear: L.H.)  |
| F-03 | Power window switch (Passenger's side)   | F-14   | Power window motor (Rear: L.H.)   |
| F-04 | Power window motor (Front: R.H.)   | F-15   | Floor wiring harness and rear door wiring harness (L.H.) combination          |
| F-05 | Door lock key cylinder switch (Passenger's side)                                 | F-16   | Door lamp (Front: L.H.)   |
| F-06 | Floor wiring harness and rear door wiring harness (R.H.) combination             | F-17   | Door lock actuator (Front: L.H.)  |
| F-07 | Power window switch (Rear: R.H.)   | F-18   | Power window motor (Front: L.H.)  |
| F-08 | Door lock actuator (Rear: R.H.)  | F-19 } | Power window switch (Driver's side)   |
| F-09 | Power window motor (Rear: R.H.)  | F-20 } |   |
| F-10 | Door lock actuator (Front: R.H.)   | F-21   | Dash wiring harness and front door wiring harness (Driver's side) combination |
| F-11 | Door lamp (Front: R.H.)  | F-22   | Door mirror (L.H.)  |

# LUGGAGE COMPARTMENT

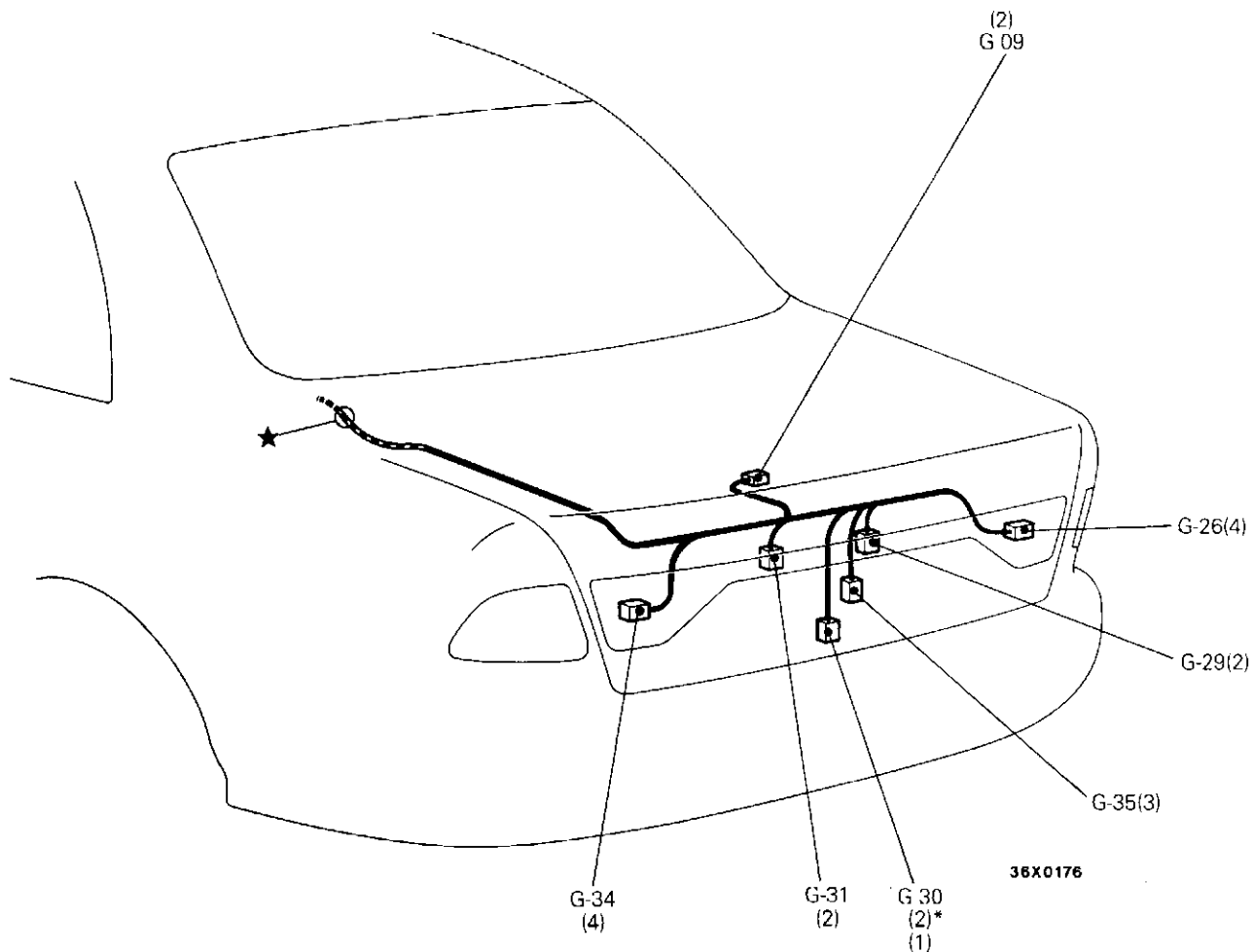
Sedan <L.H. drive vehicles>



- G-01 Shock absorber (Rear: LH)
- G-02 Defogger (-)
- G-03 Trunk room wiring harness and rear lid wiring harness combination
- G-04 Rear speaker (LH)
- G-05 Rear wiper motor
- G-06 No connection
- G-07 -
- G-08 Rear intermittent wiper relay

- G-09 High mounted stop lamp
- G-10 Luggage compartment lamp
- G-11 Rear speaker (RH)
- G-12 Shock absorber (Rear: RH)
- G-13 Trunk room wiring harness and ECS sub wiring harness combination
- G-14 Rear combination lamp (RH)
- G-15 Rear solenoid valve assembly
- G-16 Rear combination lamp (LH)

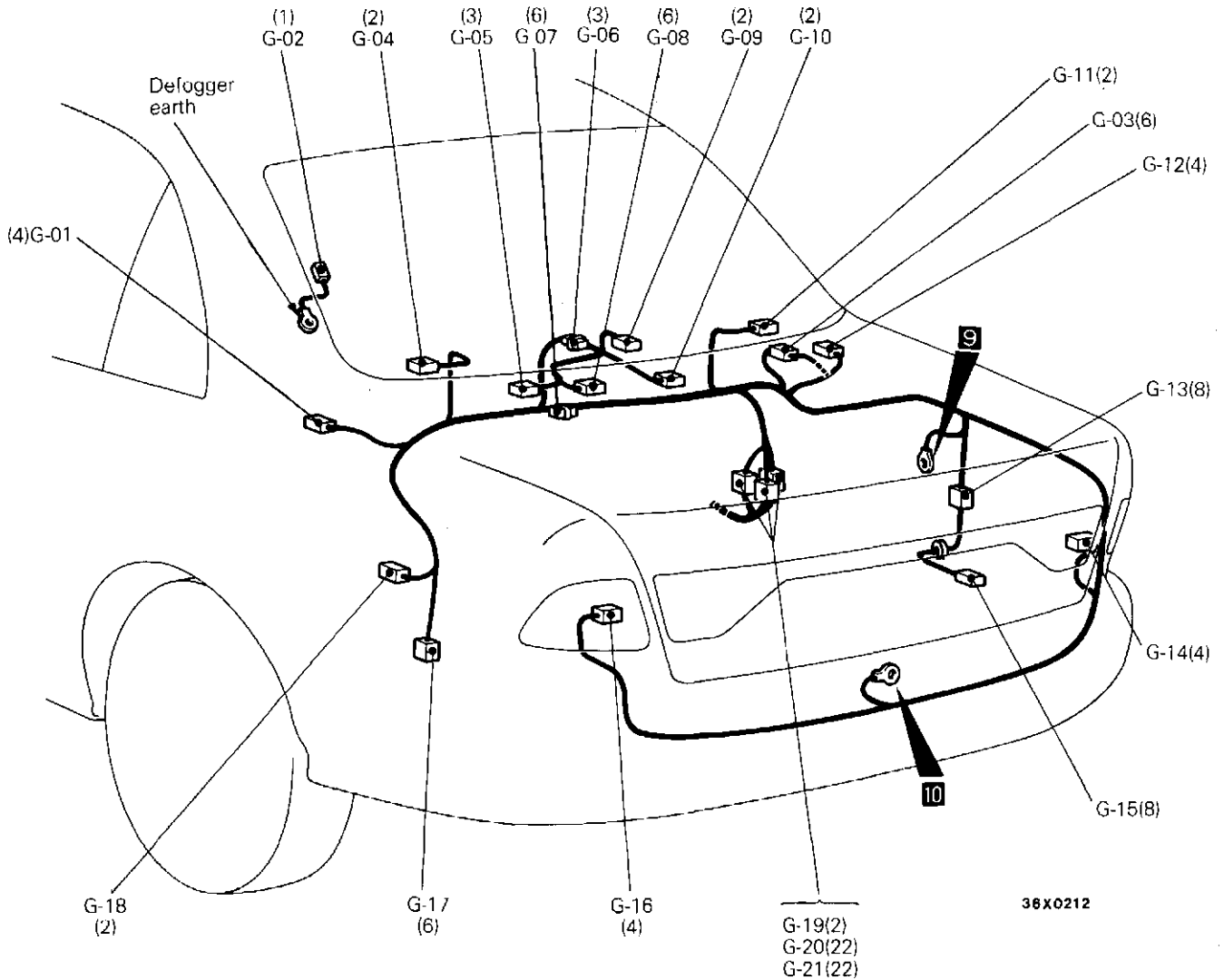
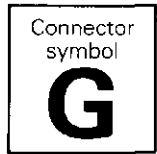




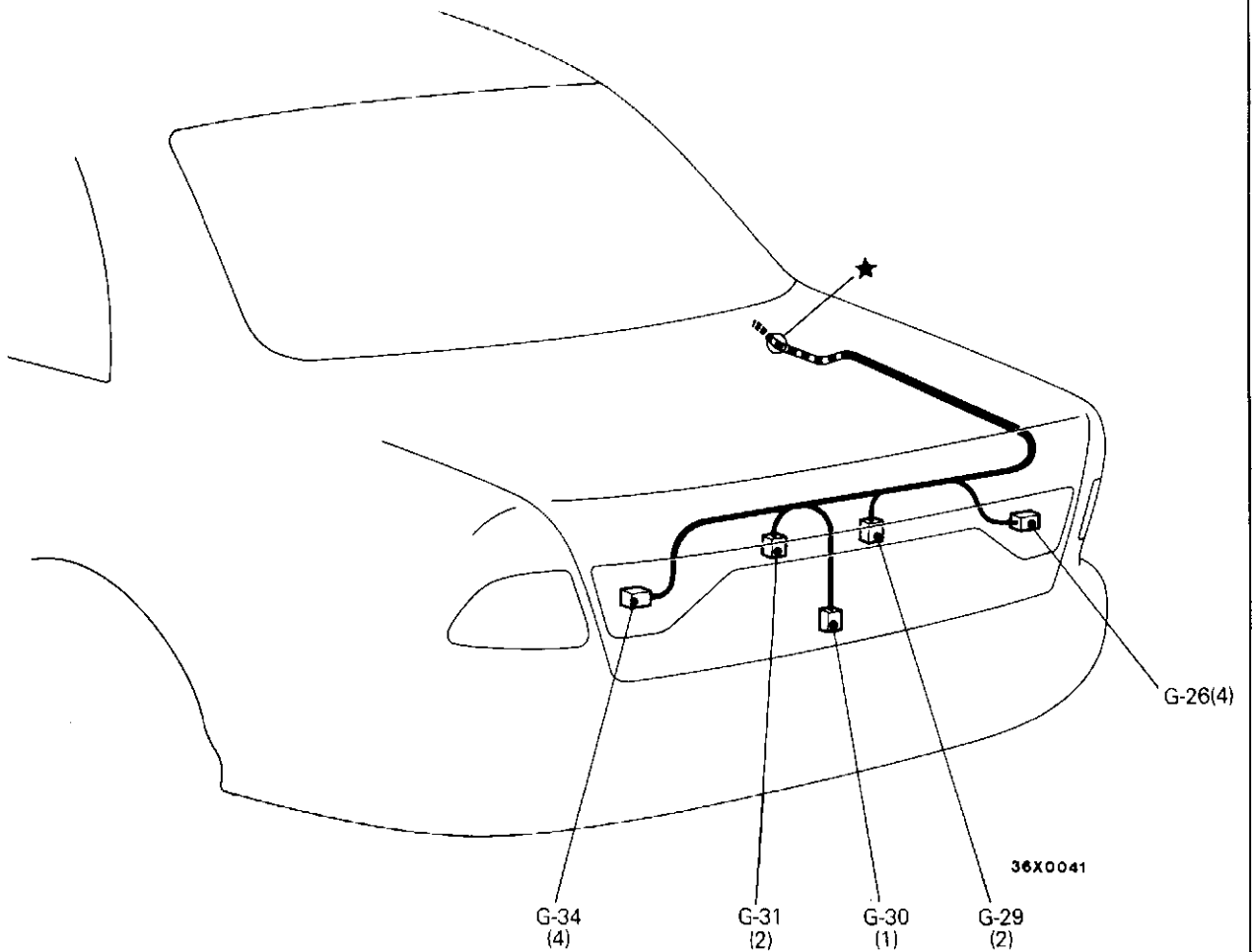
|                            |  |        |                                      |
|----------------------------|--|--------|--------------------------------------|
| G-17                       | Motor antenna  | G-30   | Luggage compartment lamp switch      |
| G-18                       | Rear washer motor  | G-31   | Licence plate lamp (LH)              |
| G-19 }<br>G-20 }<br>G-21 } | Trunk room wiring harness and floor wiring harness combination | G-32   | —                                    |
| G-22 }<br>thru }<br>G-25 } |  | —      |                                      |
| G-26                       |  |        | Rear lid lamp (RH)                   |
| G-27                       | —  |        |                                      |
| G-28                       | —  | G-33   | —                                    |
| G-29                       | Licence plate lamp (RH)  | G-34   | Rear lid lamp (LH)                   |
|                            |  | G-35   | Trunk lid lock key cylinder switch   |
|                            |  | G-36   | —                                    |
|                            |  | G-37   | Diode (for luggage compartment lamp) |
|                            |  | Remark |                                      |
|                            |  | *      | Vehicles with theft-alarm system     |

# LUGGAGE COMPARTMENT

Sedan <R.H. drive vehicles>



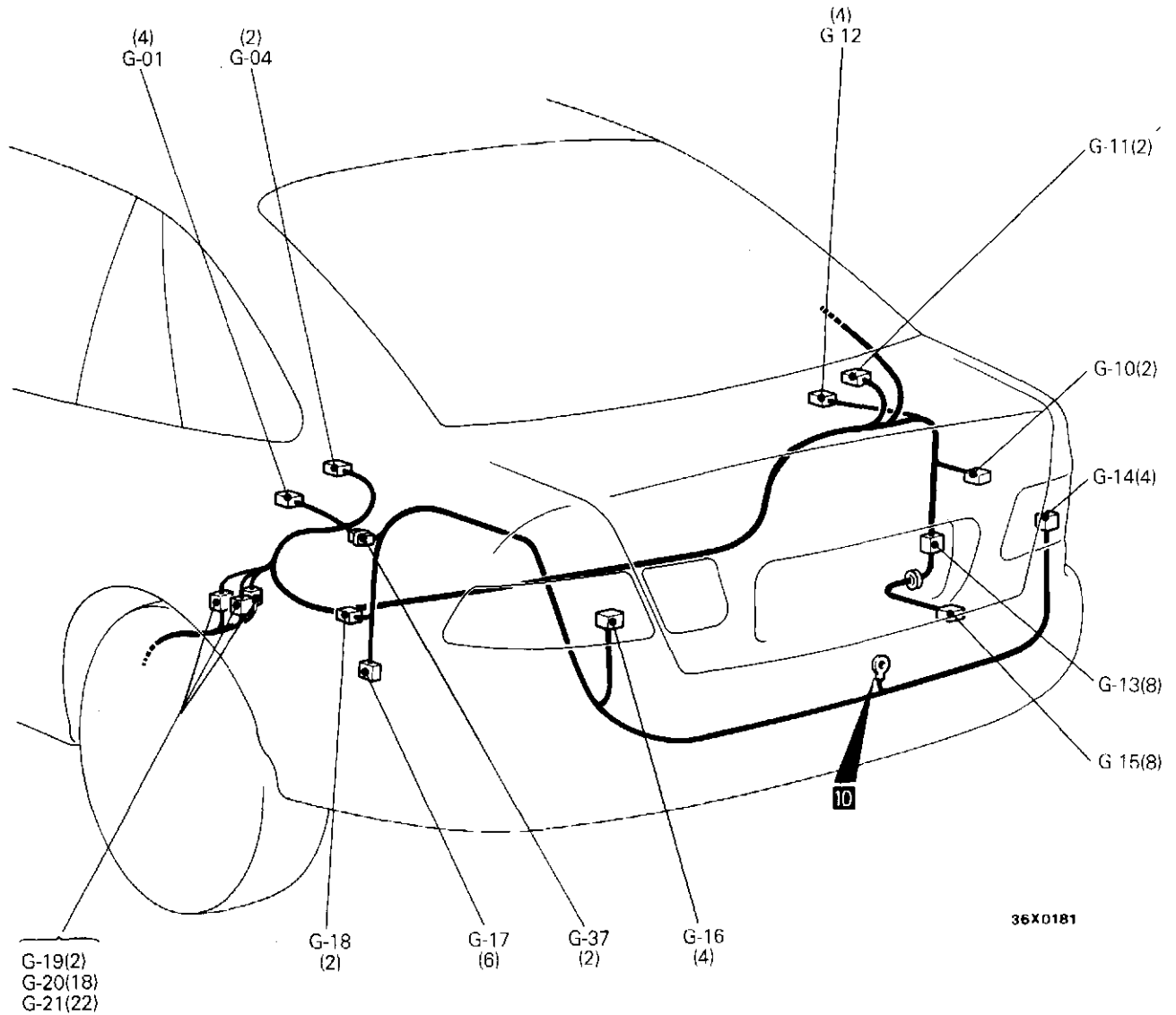
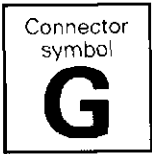
- |      |   |      |  |
|------|---|------|--|
| G-01 | Shock absorber (Rear: LH)   | G-09 | No connection  |
| G-02 | Defogger (—)  | G-10 | Luggage compartment lamp   |
| G-03 | Trunk room wiring harness and rear lid wiring harness combination | G-11 | Rear speaker (RH)  |
| G-04 | Rear speaker (LH)   | G-12 | Shock absorber (Rear: RH)  |
| G-05 | Rear wiper motor  | G-13 | Trunk room wiring harness and ECS sub wiring harness combination |
| G-06 | No connection   | G-14 | Rear combination lamp (RH)                                       |
| G-07 | No connection   | G-15 | Rear solenoid valve assembly                                     |
| G-08 | Rear intermittent wiper relay                                     | G-16 | Rear combination lamp (LH)                                       |



- |      |  |      |                                 |
|------|--|------|---------------------------------|
| G-17 | Motor antenna  | G-27 | —                               |
| G-18 | Rear washer motor  | G-28 | —                               |
| G-19 | Trunk room wiring harness and floor wiring harness combination | G-29 | Licence plate lamp (RH)         |
| G-20 |  | G-30 | Luggage compartment lamp switch |
| G-21 | —  | G-31 | Licence plate lamp (LH)         |
| G-22 |  | G-32 | —                               |
| thru |  | G-33 | —                               |
| G-25 | —  | G-34 | Rear lid lamp (LH)              |
| G-26 | Rear lid lamp (RH)   |      |                                 |

# LUGGAGE COMPARTMENT

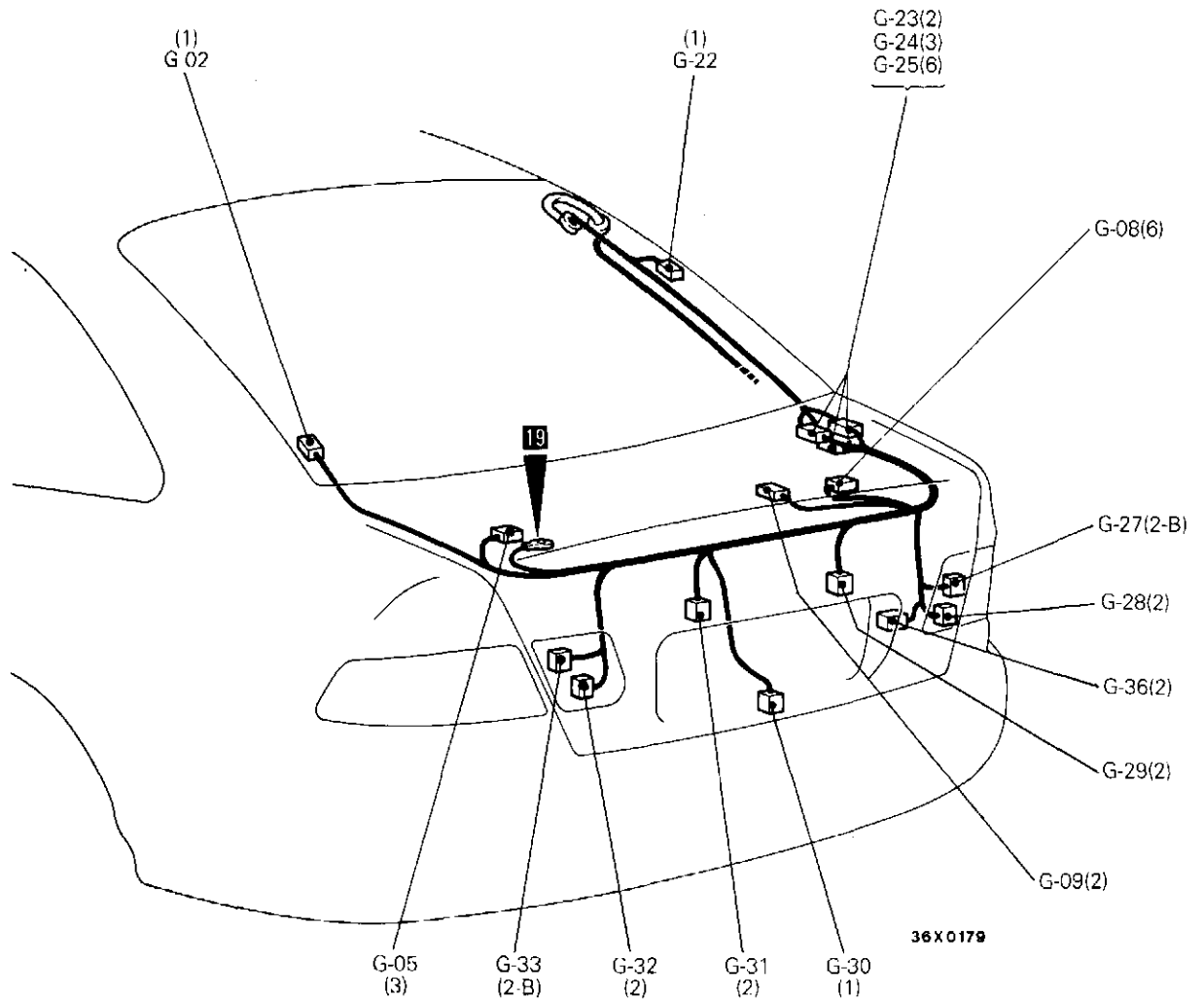
Hatchback <L.H. drive vehicles>



36X0181

- G-01 Shock absorber (Rear: LH)
- G-02 Defogger (-)
- G-03 -
- G-04 Rear speaker (LH)
- G-05 Rear wiper motor
- G-06 -
- G-07 -
- G-08 Rear intermittent wiper relay
- G-09 High mounted stop lamp

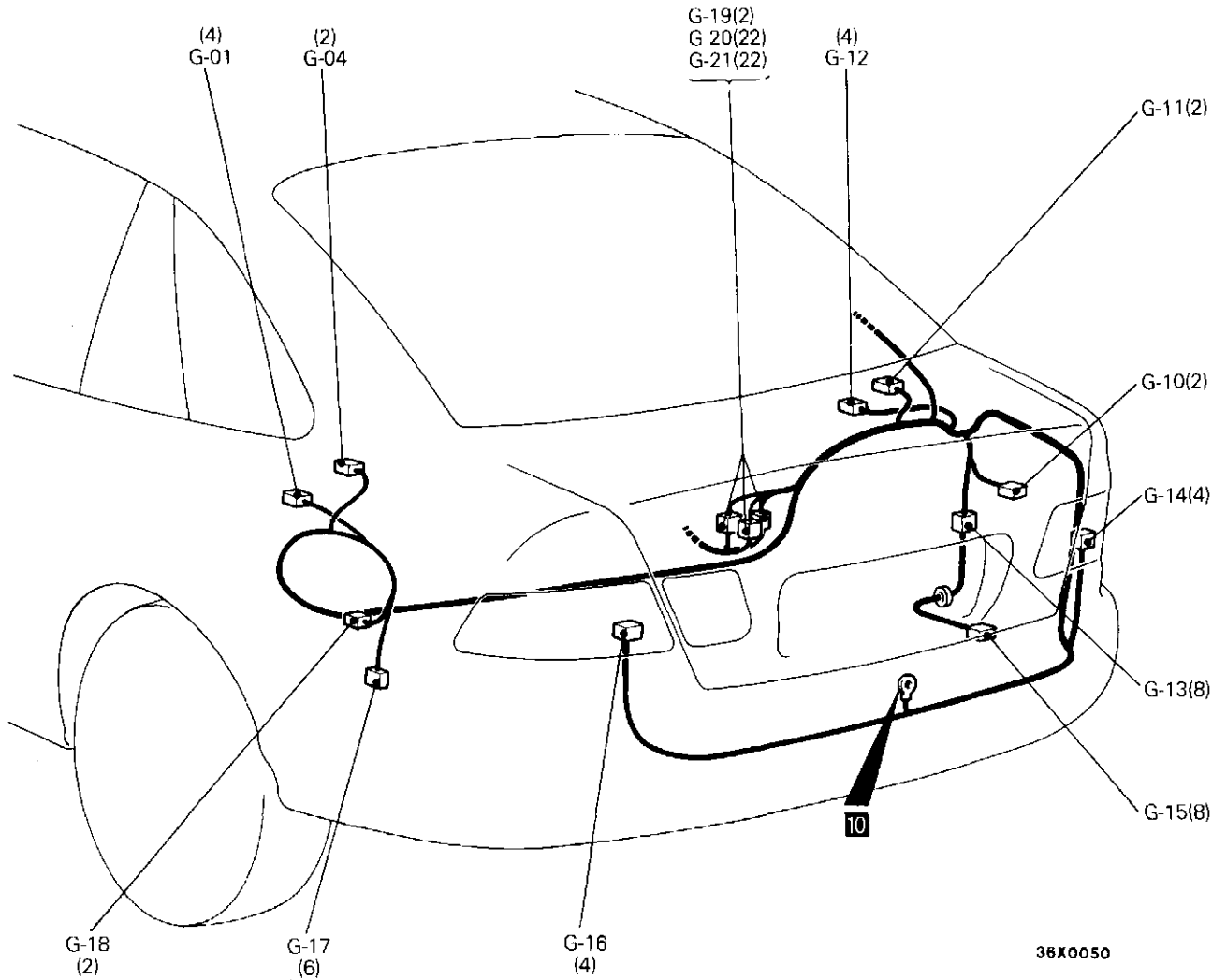
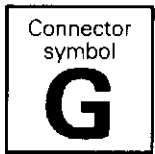
- G-10 Luggage compartment lamp
- G-11 Rear speaker (RH)
- G-12 Shock absorber (Rear: RH)
- G-13 Trunk room wiring harness and ECS sub wiring harness combination
- G-14 Rear combination lamp (RH)
- G-15 Rear solenoid valve assembly
- G-16 Rear combination lamp (LH)
- G-17 Motor antenna



- |      |   |      |                                      |
|------|---|------|--------------------------------------|
| G-18 | Rear wather motor   | G-28 | Back-up lamp (RH)                    |
| G-19 | Trunk room wiring harness and floor wiring harness combination    | G-29 | Licence plate lamp (RH)              |
| G-20 |   | G-30 | Luggage compartment lamp switch      |
| G-21 |   | G-31 | Licence plate lamp (LH)              |
| G-22 | Defogger (+)  | G-32 | Back-up lamp (LH)                    |
| G-23 | Trunk room wiring harness and tailgate wiring harness combination | G-33 | Rear fog lamp (LH)                   |
| G-24 |   | G-34 | —                                    |
| G-25 |   | G-35 | —                                    |
| G-26 | —   | G-36 | Tailgate lock key cylinder switch    |
| G-27 | Rear fog lamp (RH)  | G-37 | Diode (for luggage compartment lamp) |

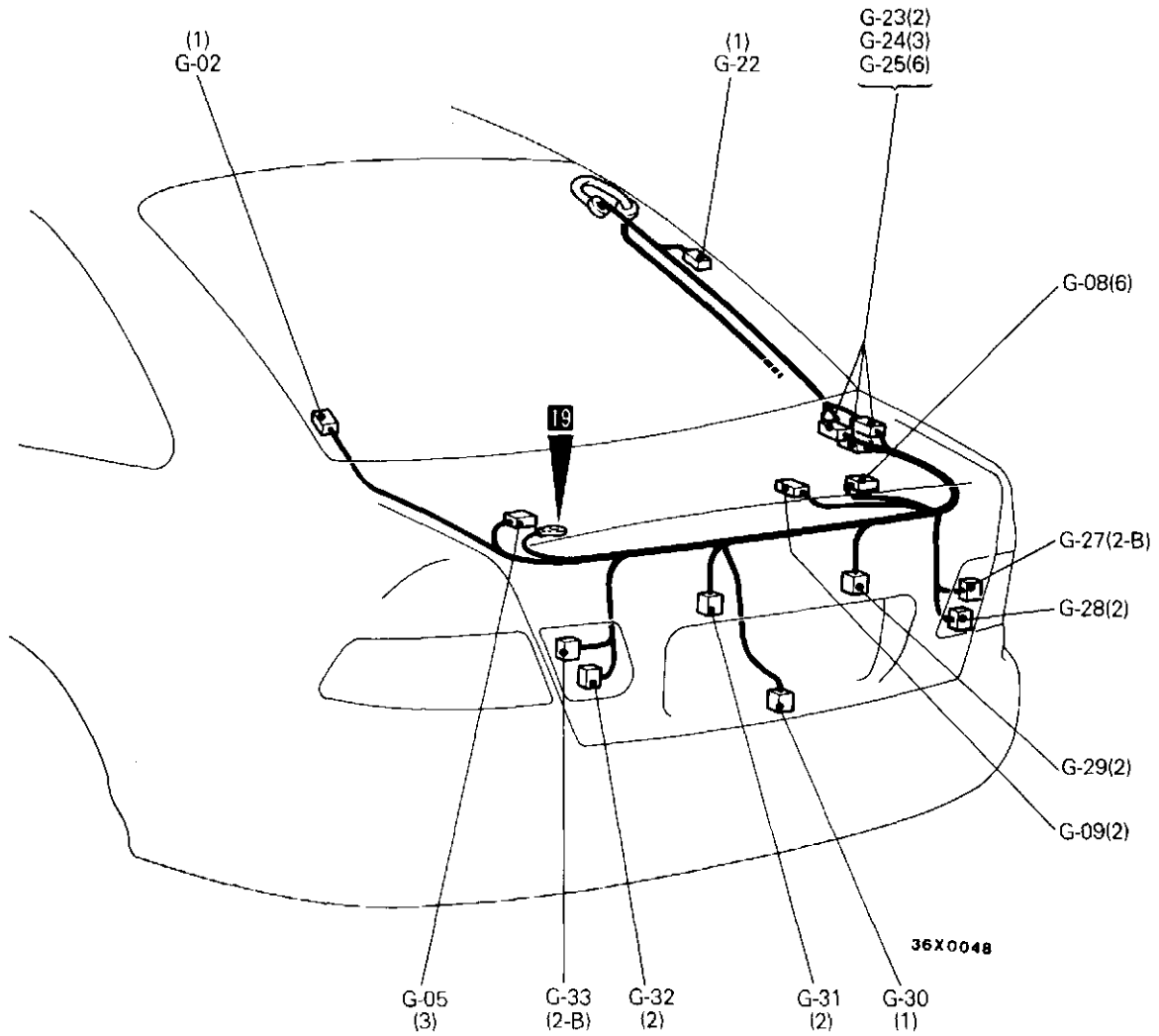
# LUGGAGE COMPARTMENT

Hatchback <R.H. drive vehicles>



- G-01 Shock absorber (Rear: LH)
- G-02 Defogger (-)
- G-03 -
- G-04 Rear speaker (LH)
- G-05 Rear wiper motor
- G-06 -
- G-07 -
- G-08 Rear intermittent wiper relay
- G-09 High mounted stop lamp

- G-10 Luggage compartment lamp
- G-11 Rear speaker (RH)
- G-12 Shock absorber (Rear: RH)
- G-13 Trunk room wiring harness and ECS sub wiring harness combination
- G-14 Rear combination lamp (RH)
- G-15 Rear solenoid valve assembly
- G-16 Rear combination lamp (LH)
- G-17 Motor antenna



- |      |   |      |                                 |
|------|---|------|---------------------------------|
| G-18 | Rear wather motor   | G-27 | Rear fog lamp (RH)              |
| G-19 | Trunk room wiring harness and floor wiring harness combination    | G-28 | Back-up lamp (RH)               |
| G-20 |   | G-29 | Licence plate lamp (RH)         |
| G-21 |   | G-30 | Luggage compartment lamp switch |
| G-22 | Defogger (+)  | G-31 | Licence plate lamp (LH)         |
| G-23 | Trunk room wiring harness and tailgate wiring harness combination | G-32 | Back-up lamp (LH)               |
| G-24 |   | G-33 | Rear lid lamp (LH)              |
| G-25 |   | G-34 | —                               |
| G-26 | —   |      |                                 |

## 3A SINGLE PART INSTALLATION POSITION

|                             |       |
|-----------------------------|-------|
| RELAY .....                 | 3A-2  |
| CONTROL UNIT .....          | 3A-6  |
| SENSOR .....                | 3A-8  |
| SOLENOID VALVE .....        | 3A-14 |
| DIODE .....                 | 3A-16 |
| INSPECTION TERMINAL .....   | 3A-18 |
| FUSIBLE LINK AND FUSE ..... | 3A-19 |
| EARTH CABLE .....           | 3A-20 |
| EARTH .....                 | 3A-21 |

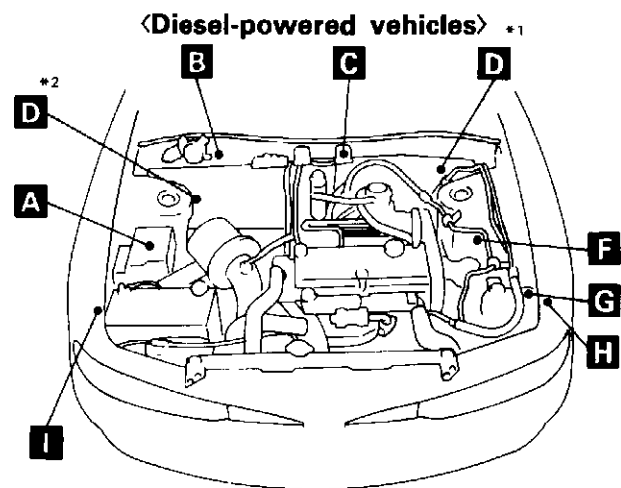
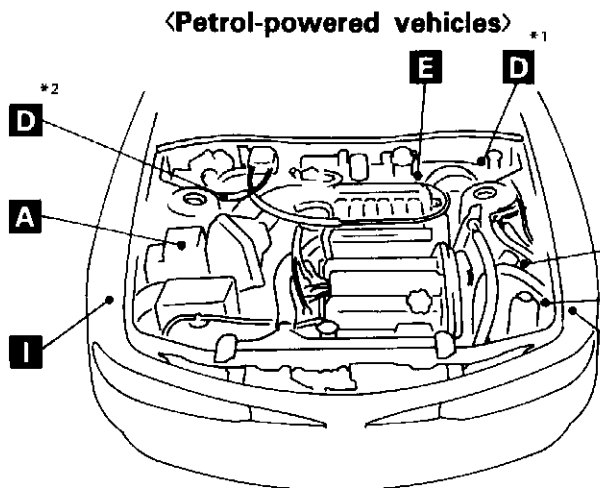


RELAY

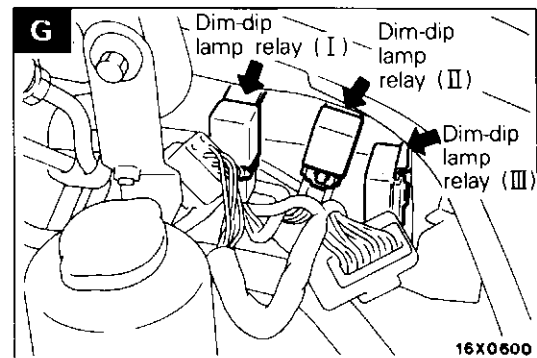
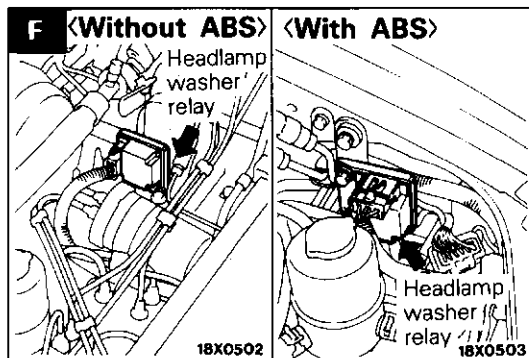
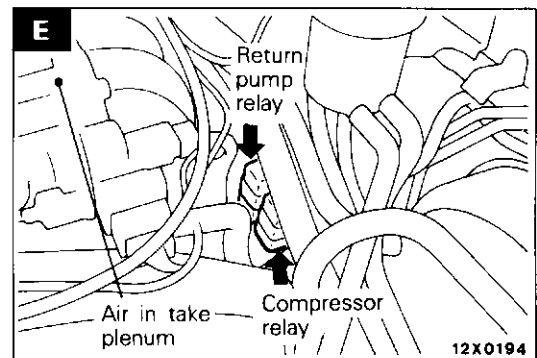
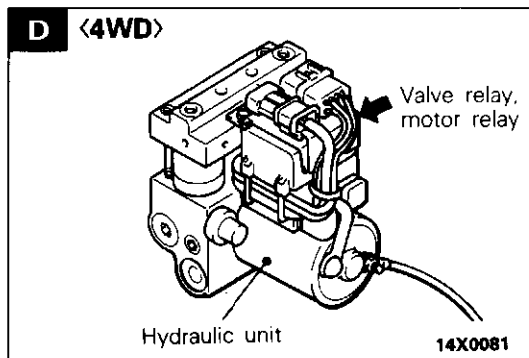
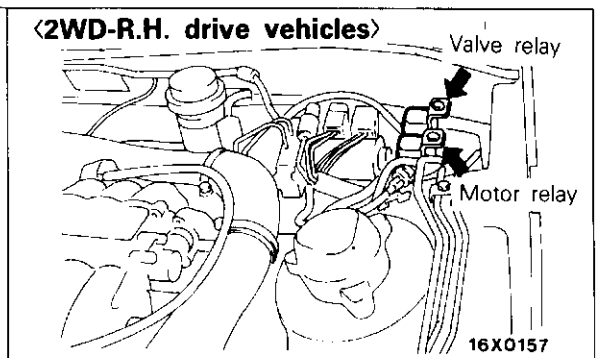
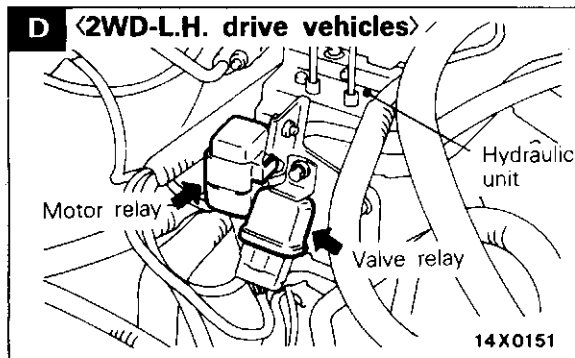
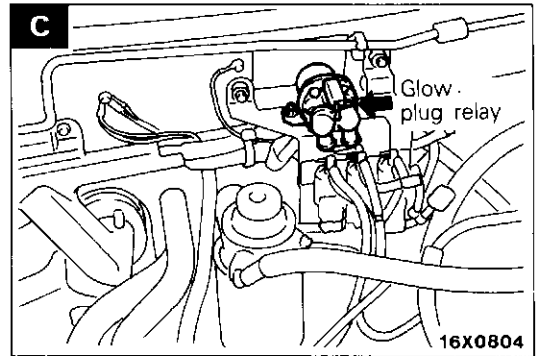
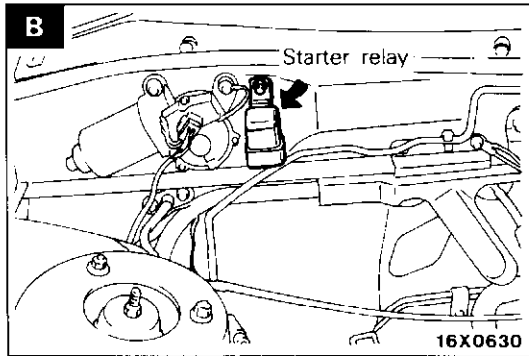
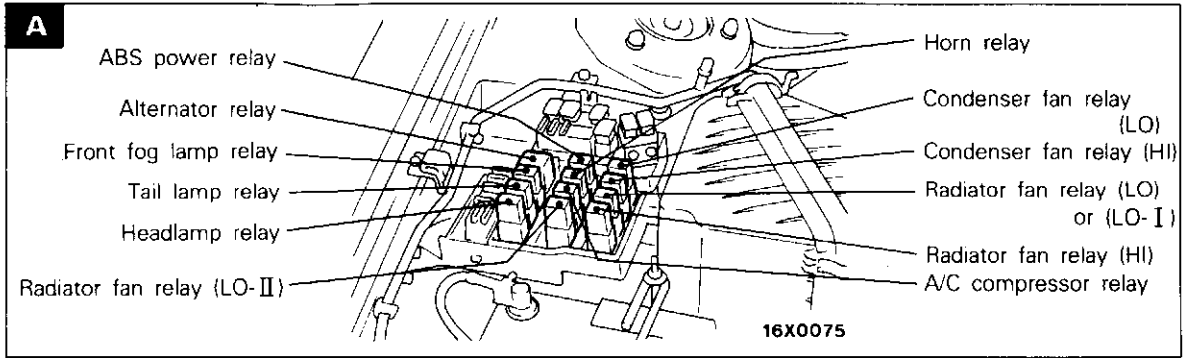
| Name                                   | Symbol              | Name  | Symbol |
|--|---------------------|---|--------|
| ABS power relay <4WD>                  | A                   | Glow plug relay                             | C      |
| A/C compressor relay                   | A                   | Headlamp relay                              | A      |
| Alternator relay                       | A                   | Headlamp washer relay                       | F      |
| Blower relay                           | P                   | Horn relay <SRS>                            | A      |
| Blower relay (HI) <Full automatic A/C> | L                   | Intermittent wiper relay (Windshield wiper) | J      |
| Compressor relay <ACTIVE-ECS>          | E                   | Motor relay <ABS>                           | D      |
| Condenser fan relay (HI)               | A                   | Radiator fan relay (HI)                     | A      |
| Condenser fan relay (LO)               | A                   | Radiator fan relay (LO) <MPI>               | A      |
| Daytime running lamp relay (I)         | L.H. drive vehicles | Radiator fan relay (LO-I) <4D68>            | Λ      |
| Daytime running lamp relay (II)        |                     | Radiator fan relay (LO-II) <4D68>           | A      |
| Defogger relay                         | P                   | Rear fog lamp relay                         | K      |
| Dim-dip lamp relay (I)                 | R.H. drive vehicles | Rear intermittent wiper relay               | Q      |
| Dim-dip lamp relay (II)                |                     | Return pump relay <ACTIVE-ECS>              | E      |
| Dim-dip lamp relay (III)               |                     | Starter relay <4D68>                        | B      |
| ECS relay <ACTIVE-ECS>                 | M                   | Tail lamp relay                             | A      |
| Engine control relay <MPI>             | O                   | Theft-alarm horn relay                      | H      |
| Engine oil cooler fan relay <4D68>     | I                   | Theft-alarm starter relay                   | I      |
| Engine oil level relay                 | N                   | Turn signal and hazard flasher unit         | P      |
| Front fog lamp relay                   | A                   | Valve relay <ABS>                           | D      |

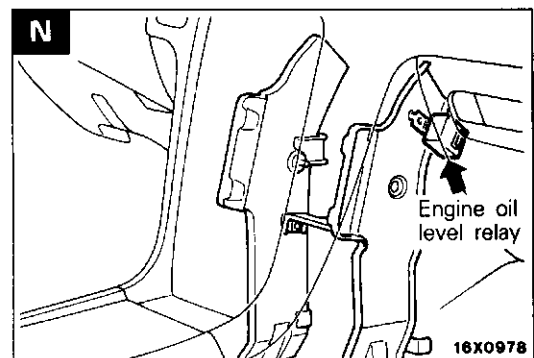
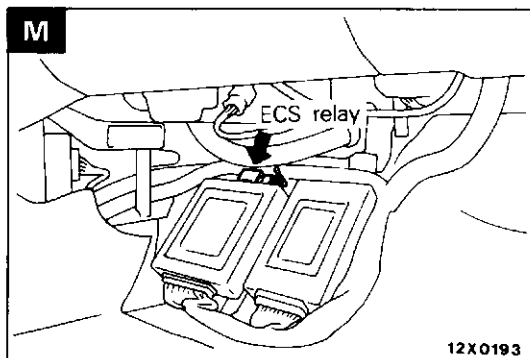
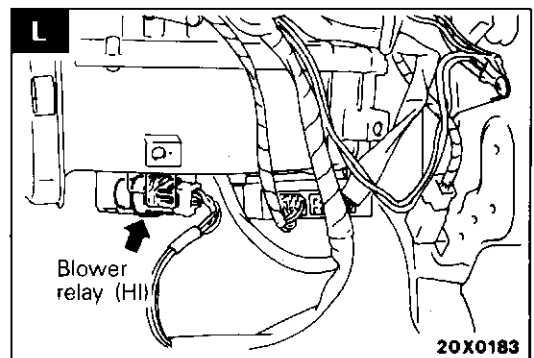
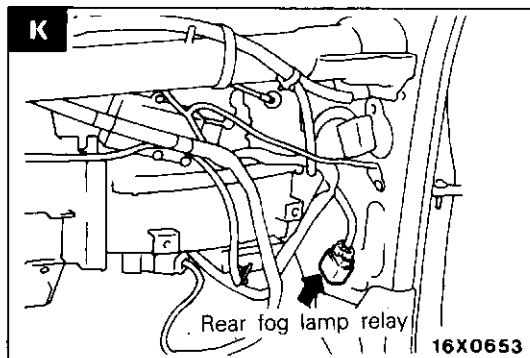
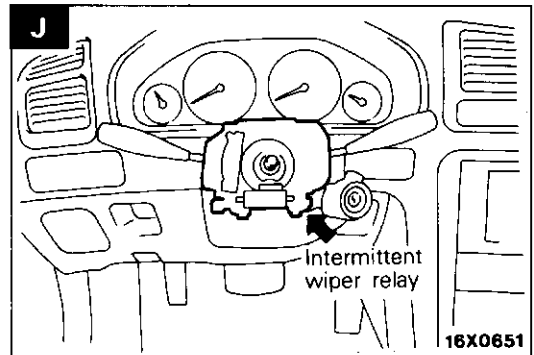
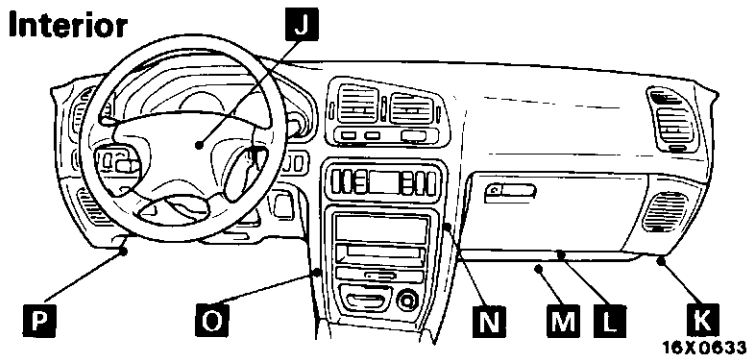
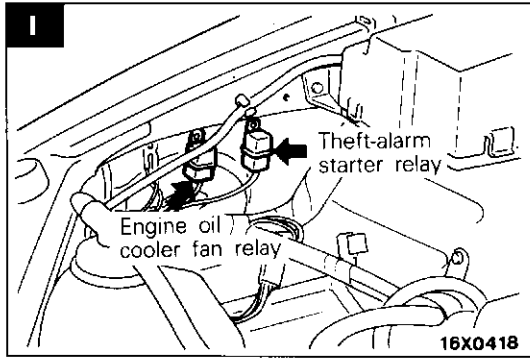
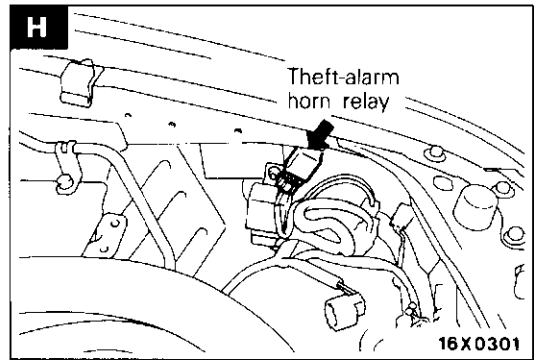
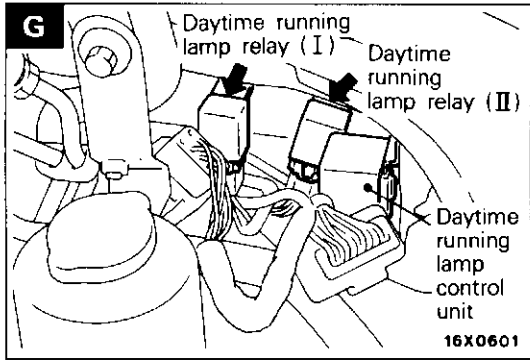
NOTE  
The "Name" column is arranged in alphabetical order.

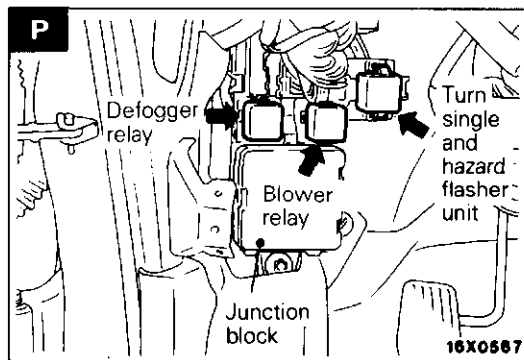
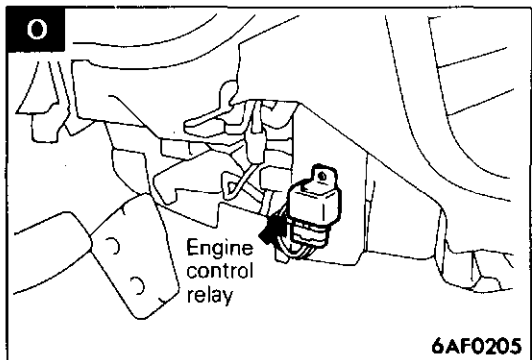
Engine compartment



NOTE  
(1) \*1: R.H. drive vehicles.  
(2) \*2: L.H. drive vehicles.

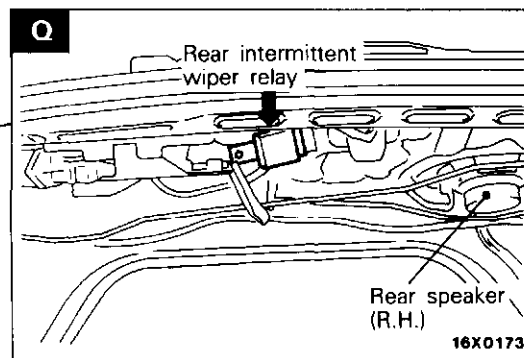
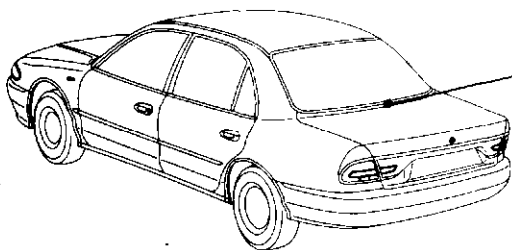




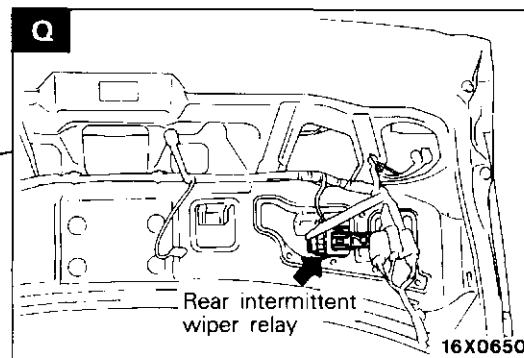
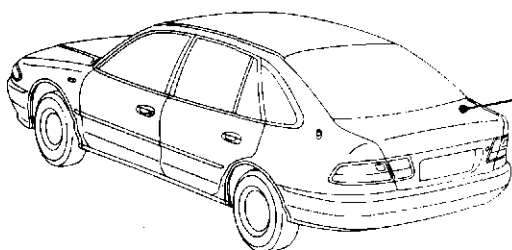


**Luggage compartment**

<Sedan>



<Hatchback>



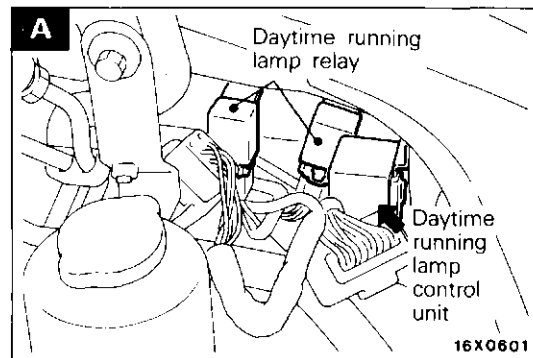
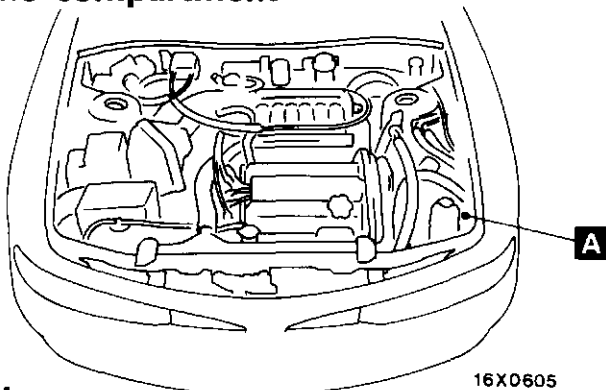
**CONTROL UNIT**

| Name  | Symbol | Name  | Symbol |
|---|--------|---|--------|
| ABS control unit  | C      | Engine-ECU <MPI>  | I      |
| A/C control panel & ECU assembly <Full automatic A/C>   | B      | EPS control unit  | G      |
| Auto-cruise control unit                                | G      | ETACS control unit  | J      |
| Automatic compressor control unit <Manual A/C>          | D      | Glow & EGR control unit <4D68>  | I      |
| Belt lock controller <6G73-Full automatic A/C>          | D      | Motor antenna control unit  | L      |
| Buzzer control unit                                     | J      | Power window switch (With built-in power window control unit, door lock control unit) | M      |
| Daytime running lamp control unit <L.H. drive vehicles> | A      | SRS diagnosis unit  | F      |
| Door lock control unit <Without power window>           | H      | Sunroof control unit  | K      |
| ECS control unit <ACTIVE-ECS, ECS>                      | E      | TCL control unit  | E      |
| ELC-4A/T control unit                                   | I      | 4WS control unit  | I      |

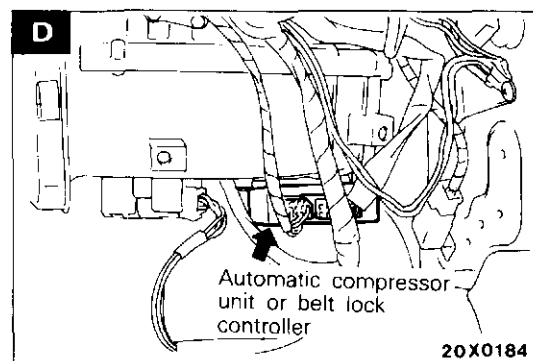
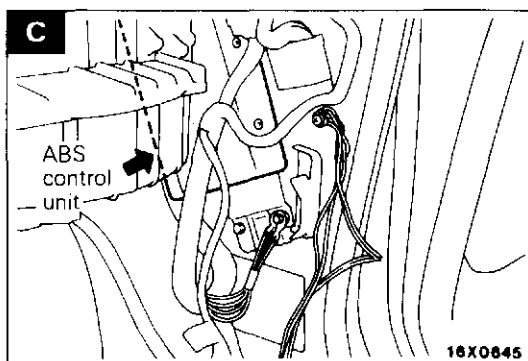
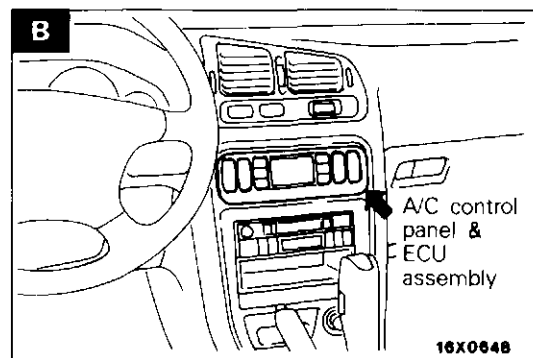
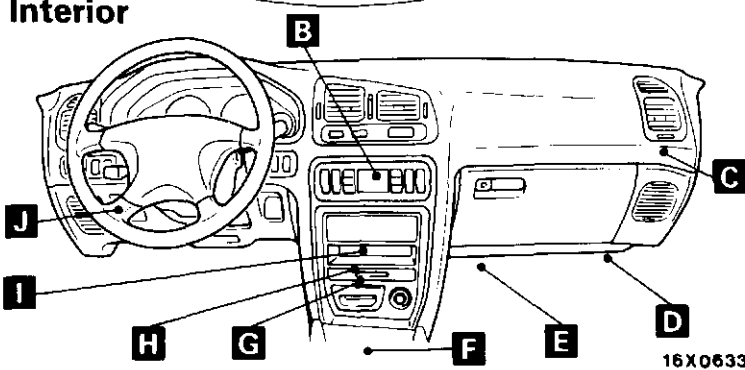
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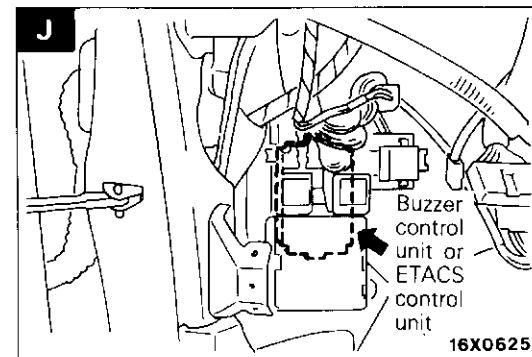
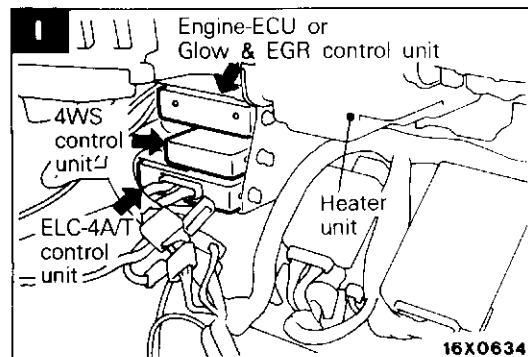
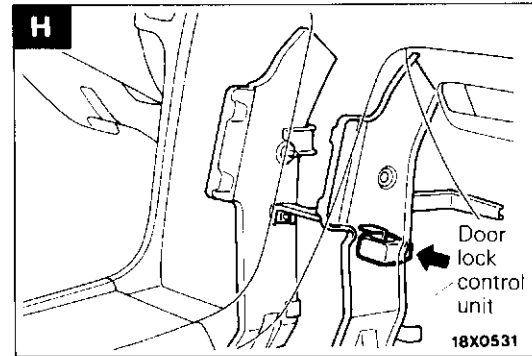
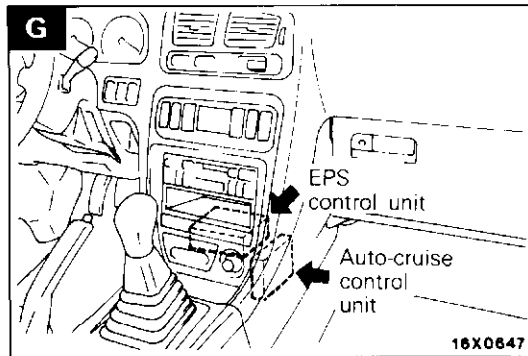
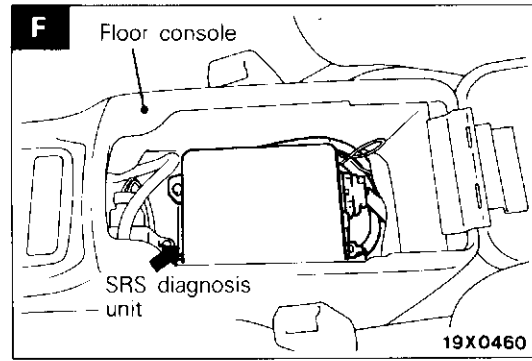
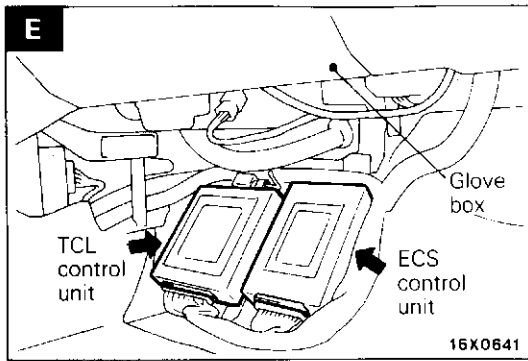
The "Name" column is arranged in alphabetical order.

**Engine compartment**

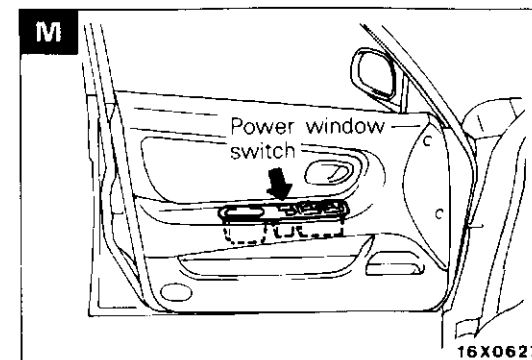
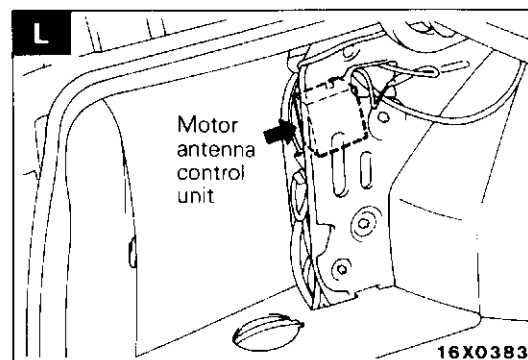
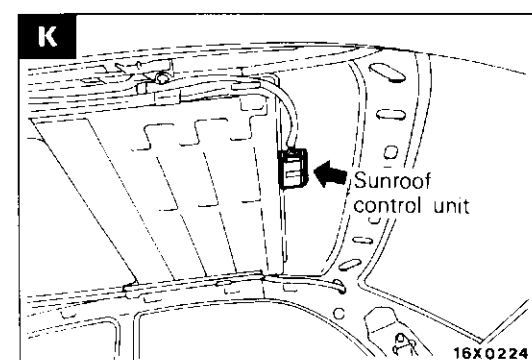
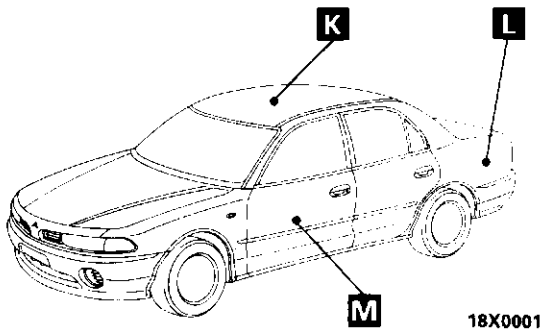


**Interior**





Front door, roof, luggage compartment



**SENSOR**

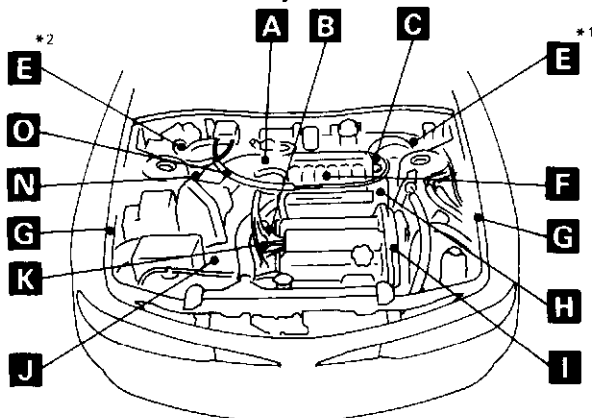
| Name   | Symbol | Name  | Symbol |
|--|--------|---|--------|
| A/C refrigerant temperature sensor   | I      | Front impact sensor (LH), (RH) <SRS>  | G      |
| Accelerator pedal position sensor <TCL>  | A      | Front stroke sensor <ACTIVE-ECS, ECS>   | W      |
| Air-flow sensor <MPI>  | N      | G sensor <ACTIVE-ECS>   | a      |
| Air thermo sensor <Manual A/C>   | R      | G sensor <4WD-ABS>  | U      |
| A/T fluid temperature sensor   | J      | Hydraulic unit (With built-in motor sensor) <2WD-ABS>   | E      |
| Brake pedal stroke sensor <ABS>  | V      | Idle speed control servo (With built-in servo valve position sensor) <MPI-SOHC>                     | A      |
| Camshaft position sensor <MPI-DOHC>  | H      | Lever (throttle) position sensor <4D68>   | D      |
| Crank angle sensor <MPI-DOHC>  | H      | Outside thermometer sensor <Full automatic A/C>   | b      |
| Detonation sensor <MPI>  | F      | Oxygen sensor <MPI>   | Z      |
| Distributor assembly (With built-in crank angle sensor, top dead center sensor) <MPI-SOHC> | K      | Photo sensor <Full automatic A/C>   | Q      |
| Engine coolant temperature sensor (Engine control) <MPI>                                   | B      | Rear stroke sensor <ACTIVE-ECS>   | c      |
| Engine coolant temperature sensor <Full automatic A/C>                                     | T      | Revolution pick-up sensor <4D68>  | D      |
| Engine coolant temperature sensor · engine coolant temperature gauge unit <4D68>           | B      | Revolution pick-up sensor <6G73-Full automatic A/C>   | I      |
| Engine coolant temperature switch <4D68>   | M      | Speed sensor (Front), (Rear) <ABS, TCL, 4WS>  | X, d   |
| Engine coolant temperature switch (A/C compressor control) <4D68>                          | L      | Steering wheel sensor <ACTIVE-ECS, ECS, TCL, 4WD>   | P      |
| Engine oil level sensor  | Y      | Throttle position sensor <MPI>  | A      |
| Fin thermo sensor  | S      | Variable induction control servo (With built-in induction control valve position sensor) <MPI-DOHC> | C      |
|  |        | Vehicles speed sensor   | O      |

NOTE

The "Name" column is arranged in alphabetical order.

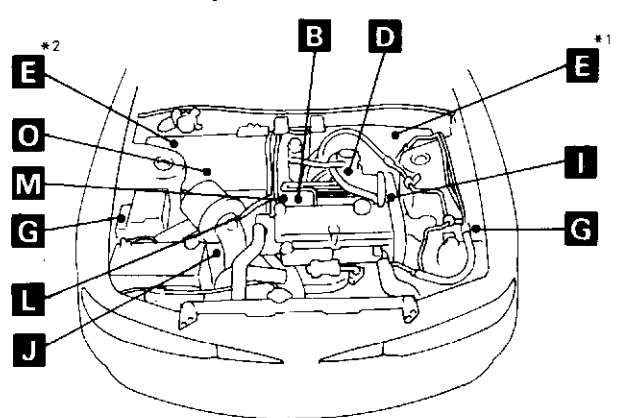
**Engine compartment**

<Petrol-powered vehicles>



16X0605

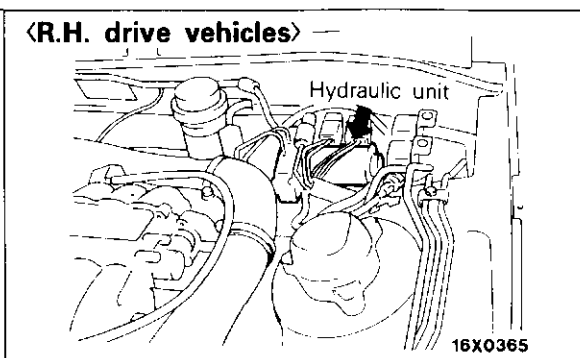
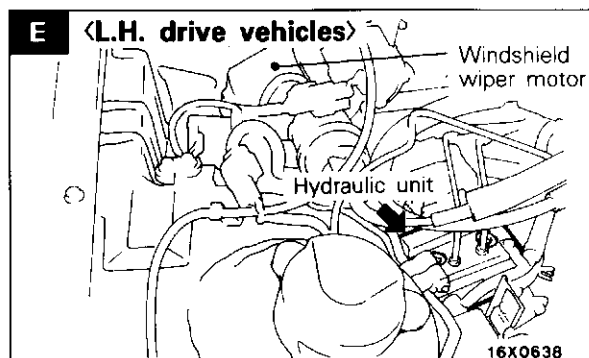
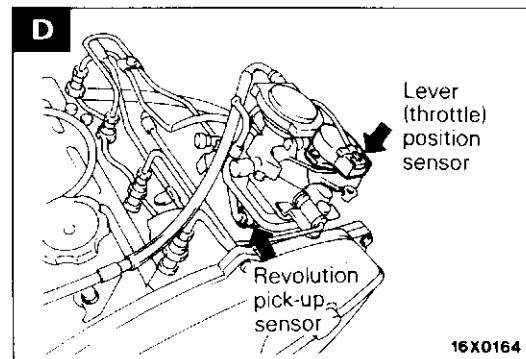
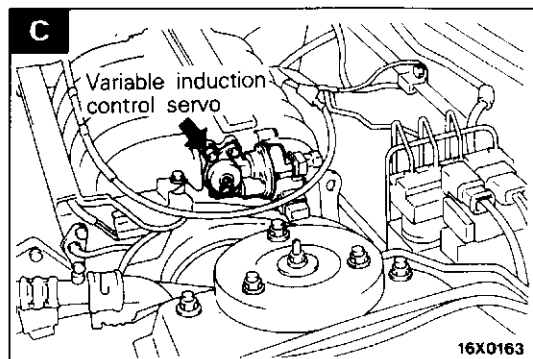
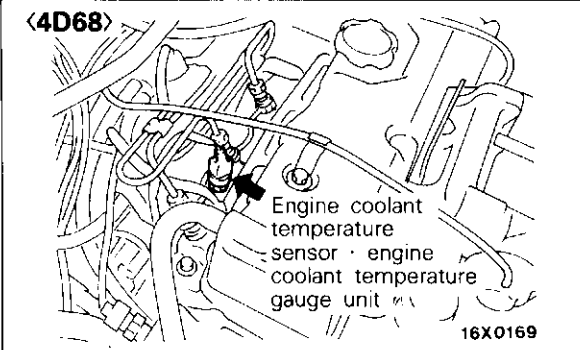
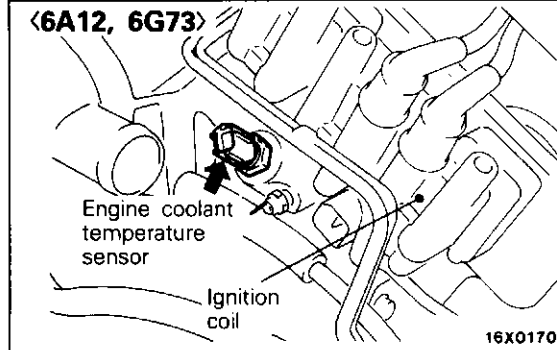
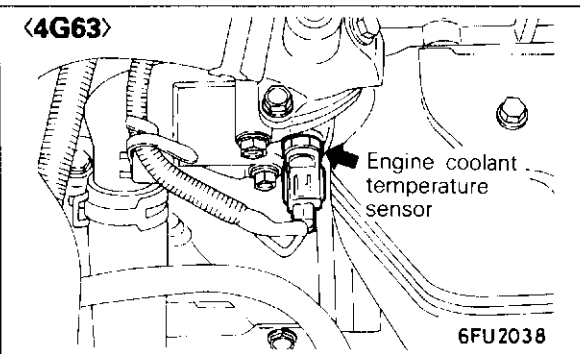
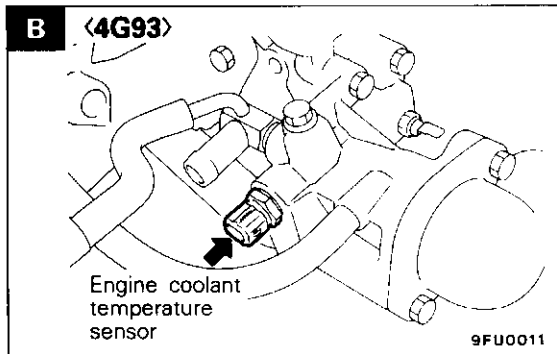
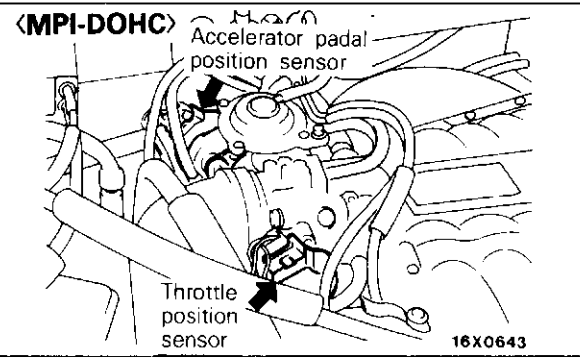
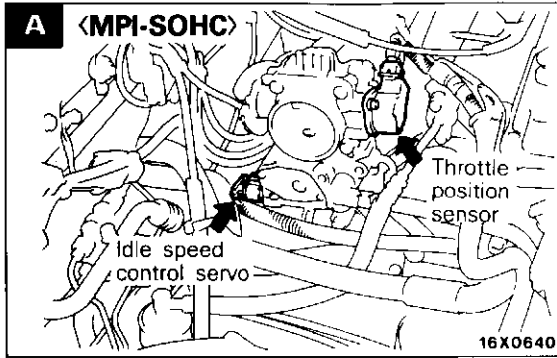
<Diesel-powered vehicles>



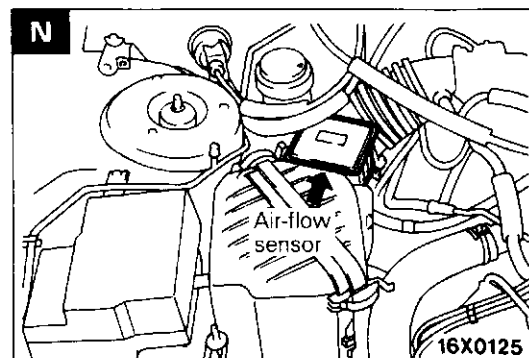
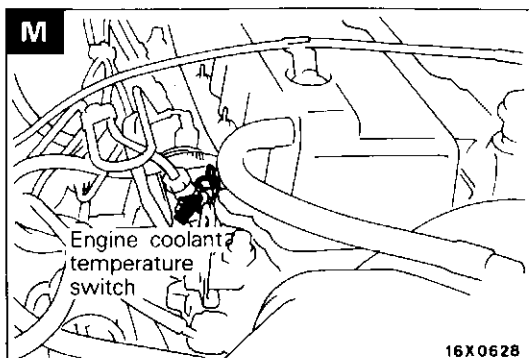
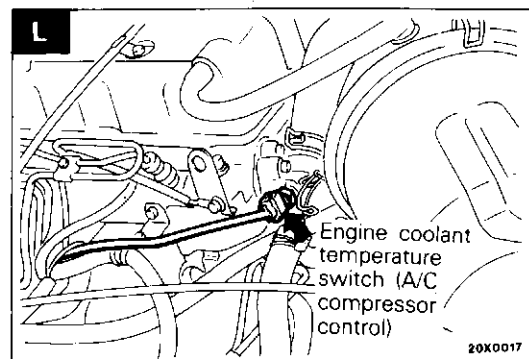
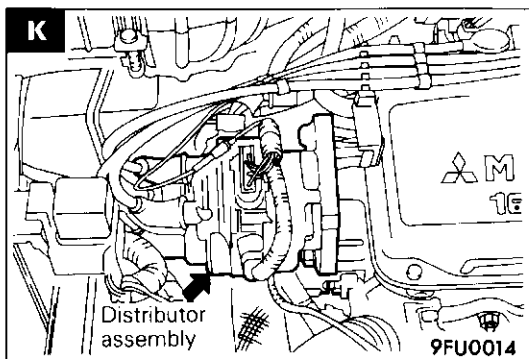
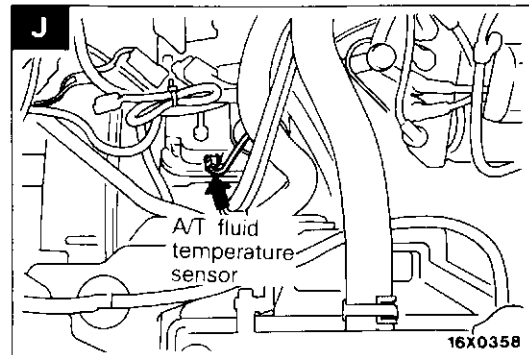
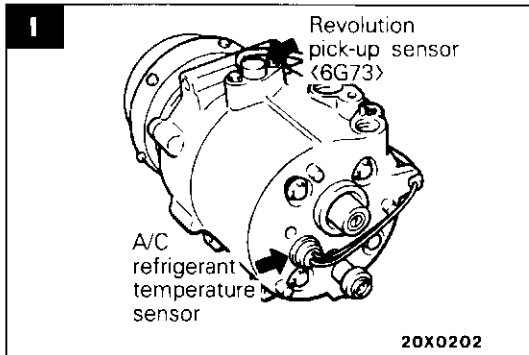
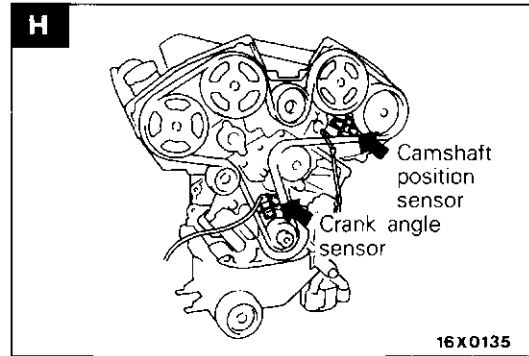
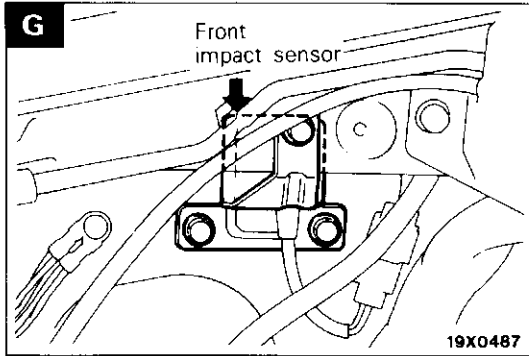
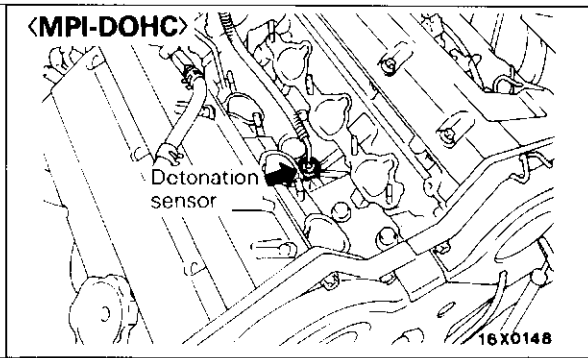
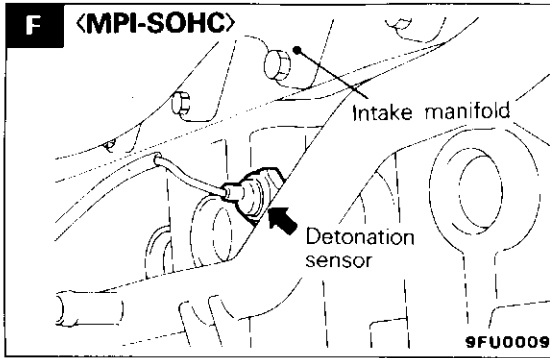
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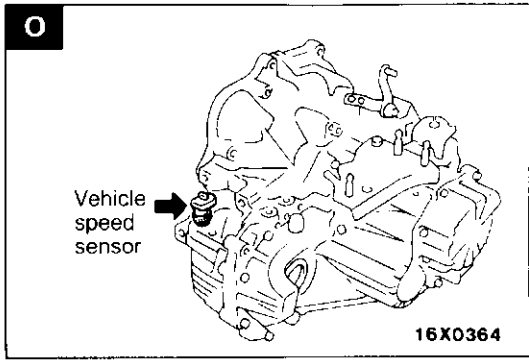
NOTE

- (1) \*1: R.H. drive vehicles <2WD>.
- (2) \*2: L.H. drive vehicles <2WD>.

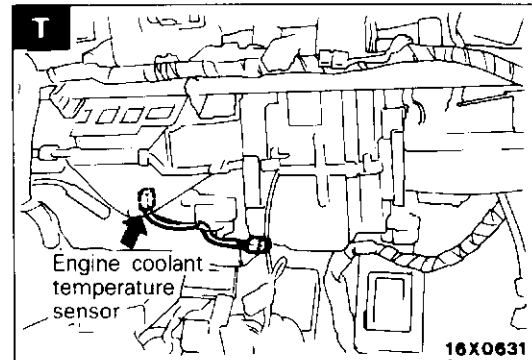
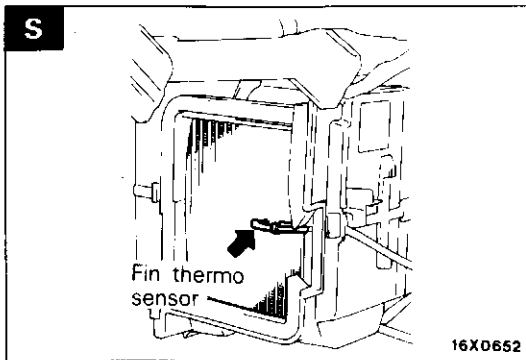
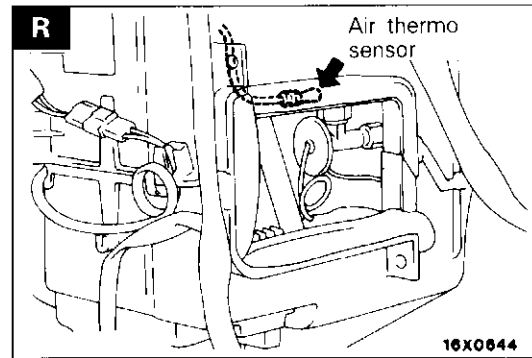
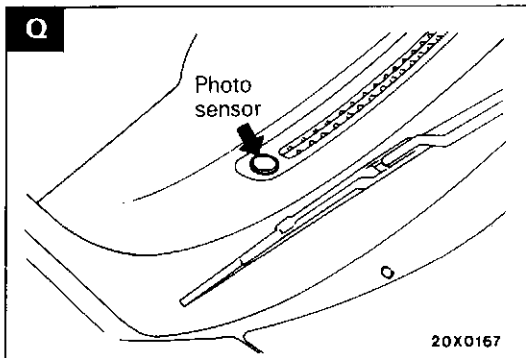
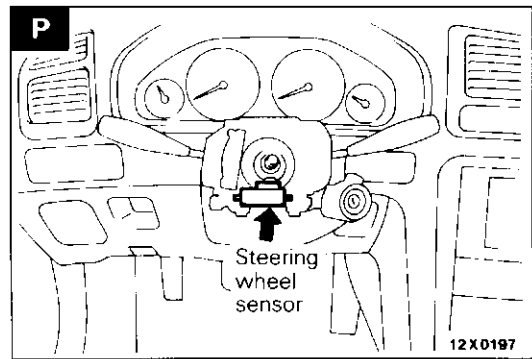
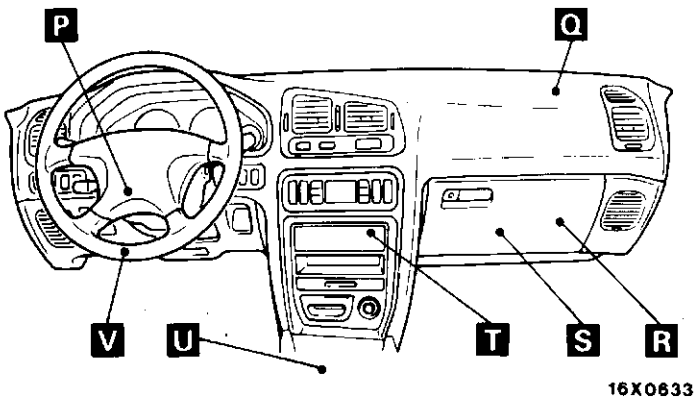


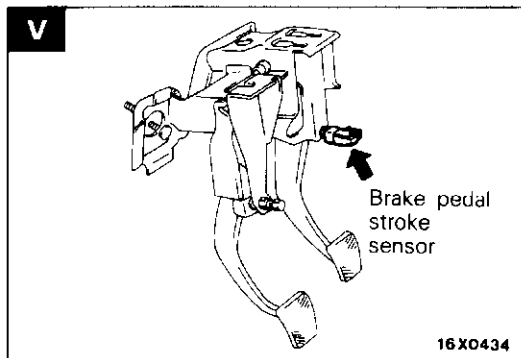
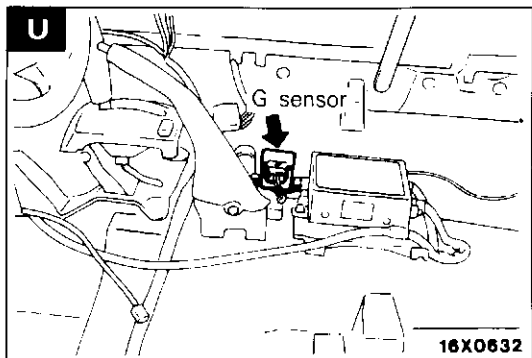




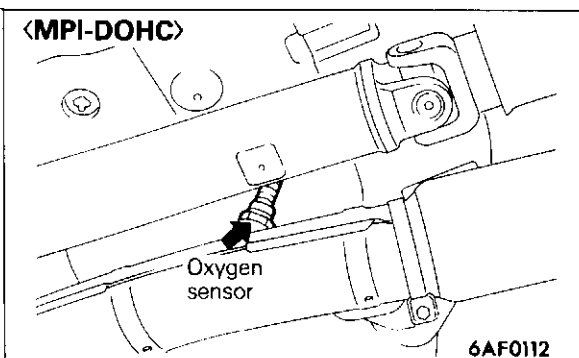
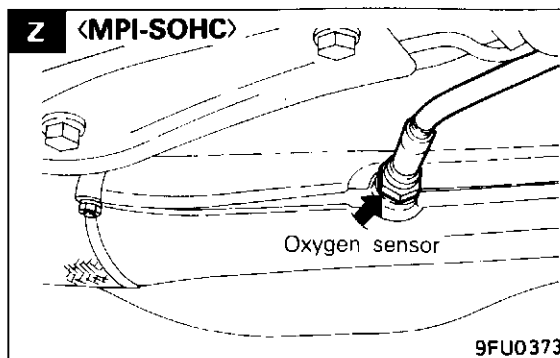
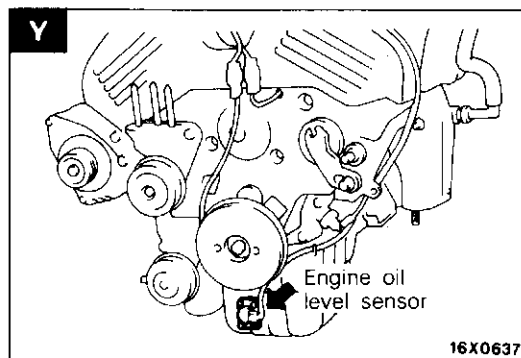
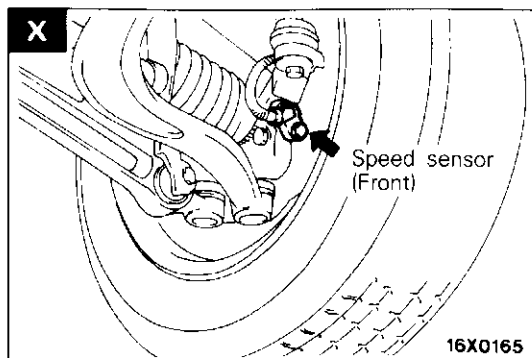
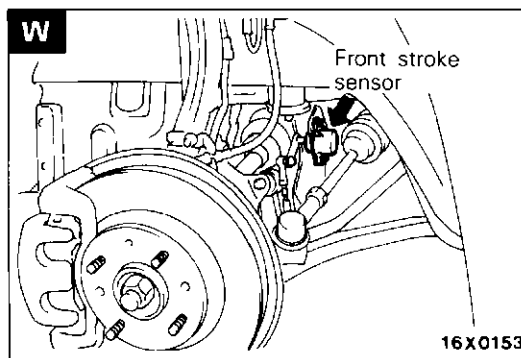
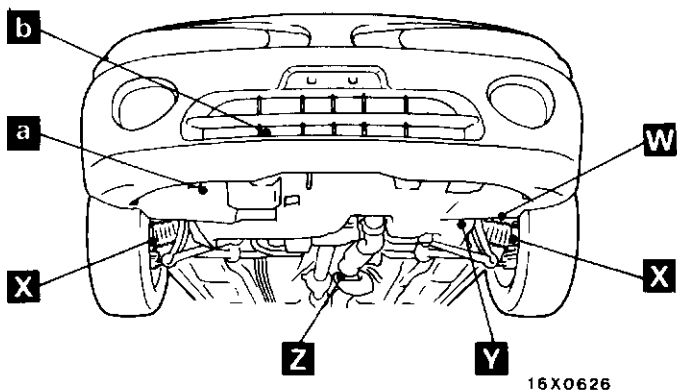


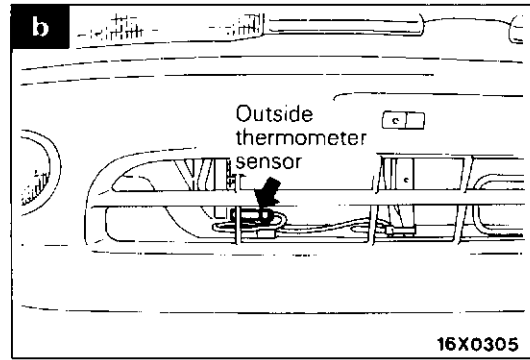
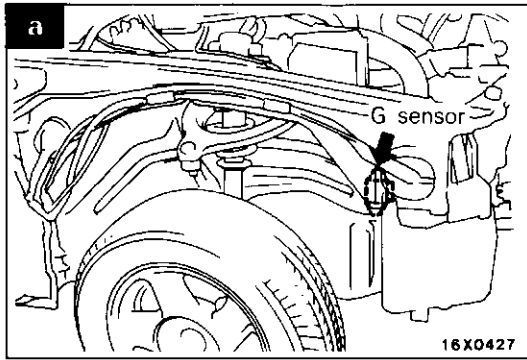
**Interior**



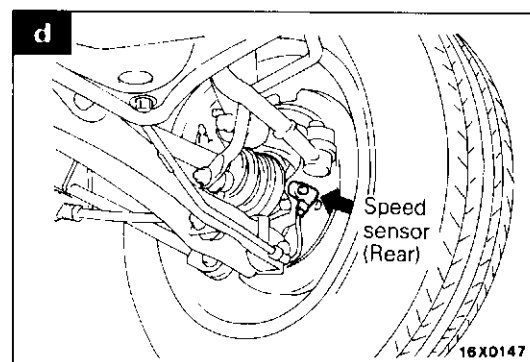
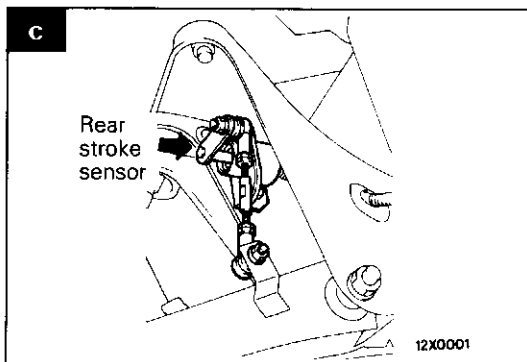
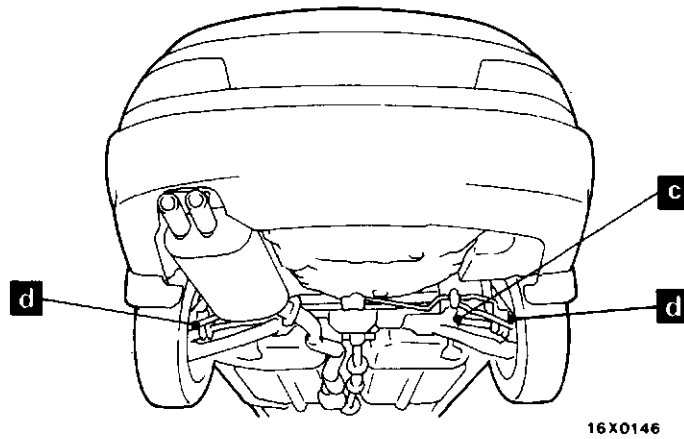


Front floor lower part





Rear floor lower part

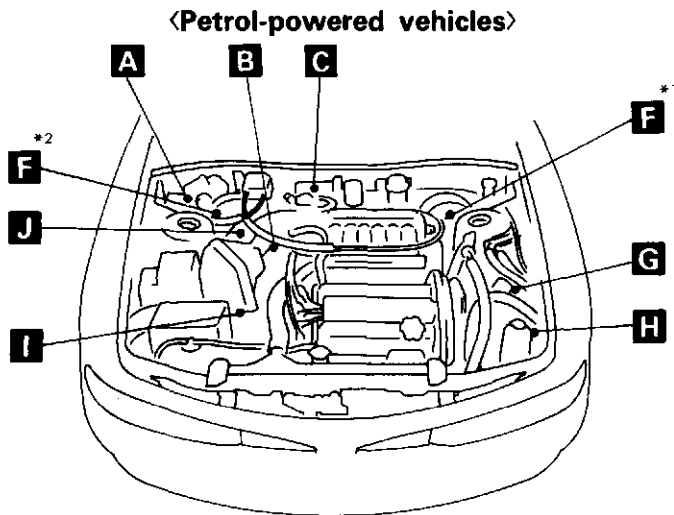


**SOLENOID VALVE**

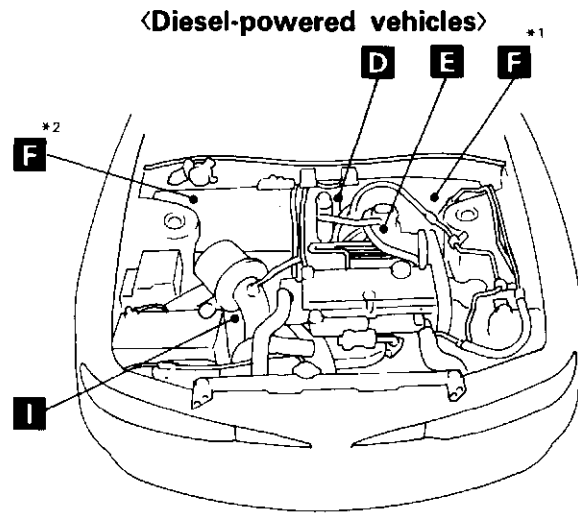
| Name  | Symbol | Name  | Symbol |
|---|--------|---|--------|
| EGR solenoid valve <MPI>  | C      | Front solenoid valve assembly <ACTIVE-ECS>          | H      |
| EGR solenoid valve (I) <4D68>   | D      | Fuel cut solenoid valve <4D68>                      | E      |
| EGR solenoid valve (II) <4D68>  | D      | Hydraulic unit (With built-in solenoid valve) <ABS> | F      |
| ELC-4AT control solenoid valve  | I      | Idle up solenoid valve <4D68-Manual A/C>            | D      |
| Electric vacuum pump (with built-in control valve, release valve) <Auto-cruise control> | A      | Purge control solenoid valve <MPI>                  | C      |
|   |        | Rear solenoid valve assembly <ACTIVE-ECS>           | K      |
| EPS solenoid valve  | B      | Rear wheel control valve assembly <4WD>             | G      |
| Exhaust solenoid valve-for vehicle height adjustment <ACTIVE-ECS>                       | J      | Vacuum solenoid valve <TCL>                         | C      |
|   |        | Ventilation solenoid valve <TCL>                    | C      |
| Flow control solenoid valve assembly <ACTIVE-ECS>                                       | H      |   |        |
| Flow divider valve assembly <4WS>   | G      |   |        |

NOTE  
The "Name" column is arranged in alphabetical order.

**Engine compartment**

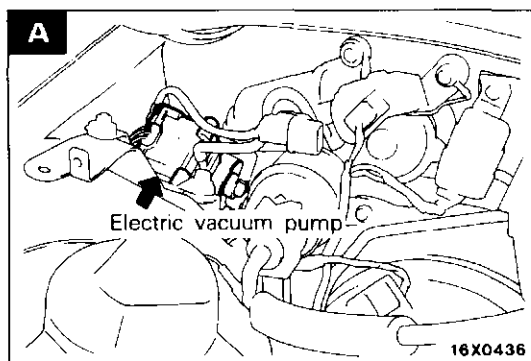


16X0605

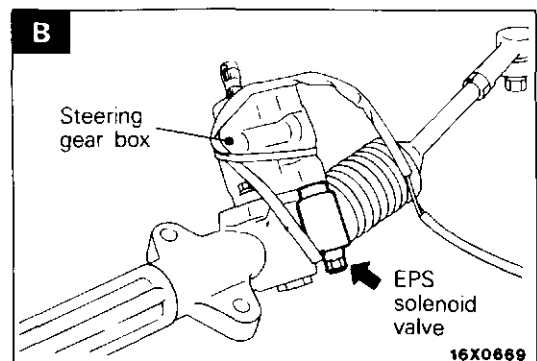


16X0629

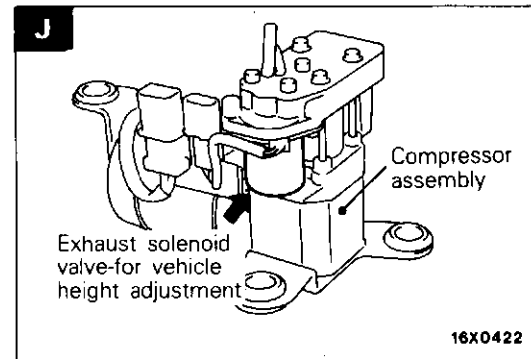
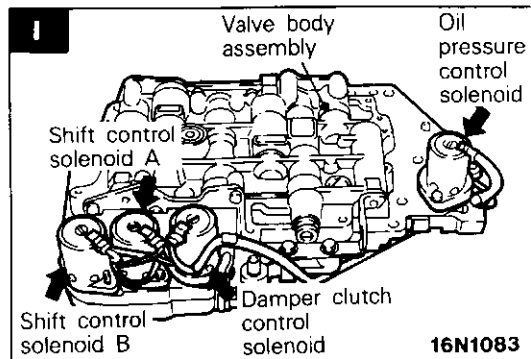
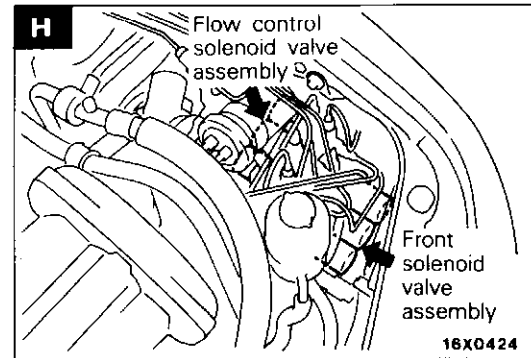
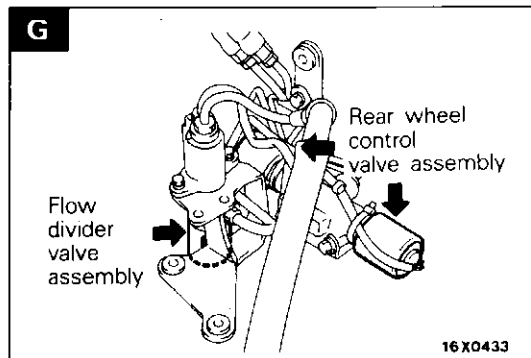
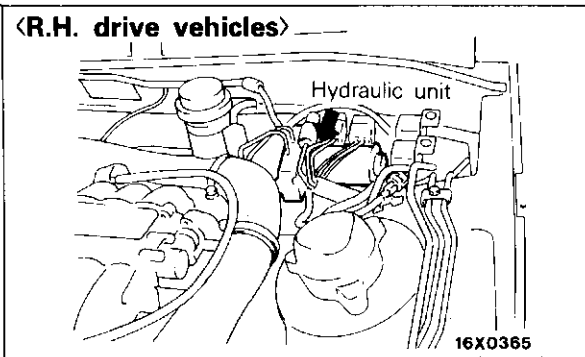
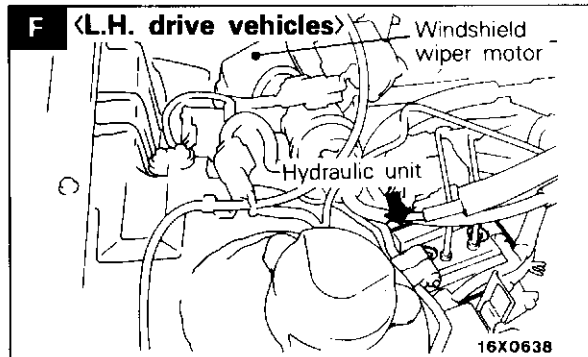
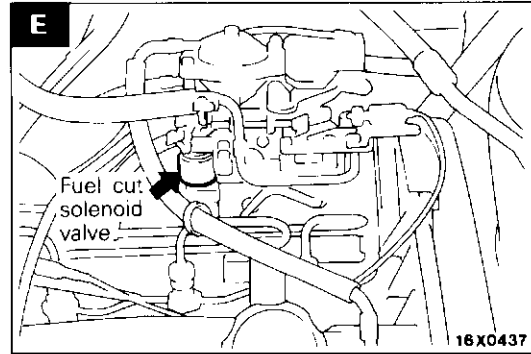
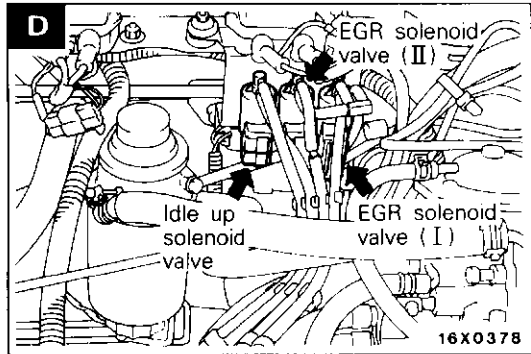
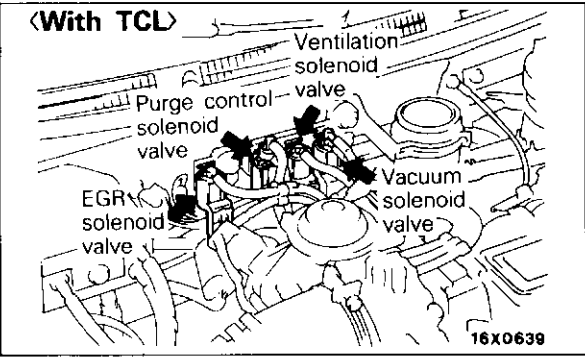
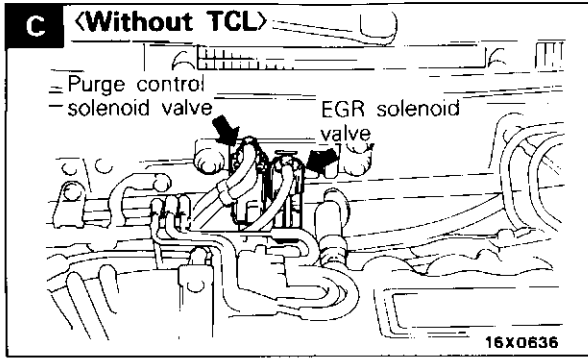
NOTE  
(1) \*1: R.H. drive vehicles.  
(2) \*2: L.H. drive vehicles.



16X0436

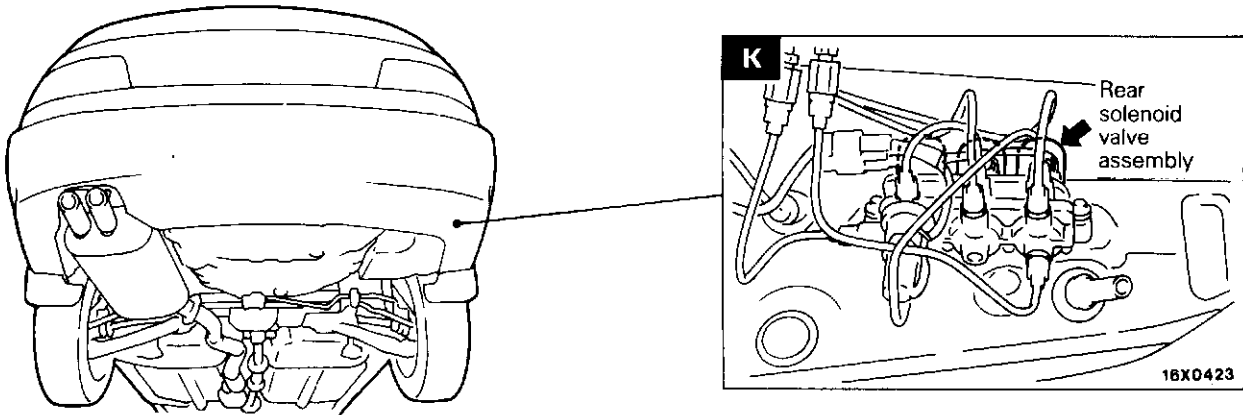


16X0669



# 3A-16 SINGLE PART INSTALLATION POSITION — Solenoid Valve/Diode

## Rear floor lower part

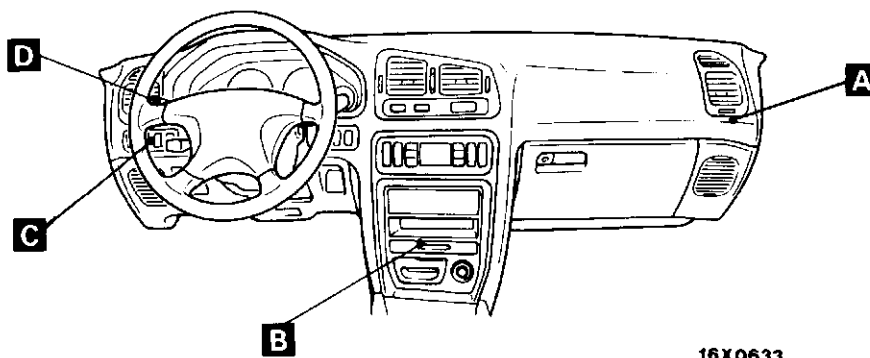


## DIODE

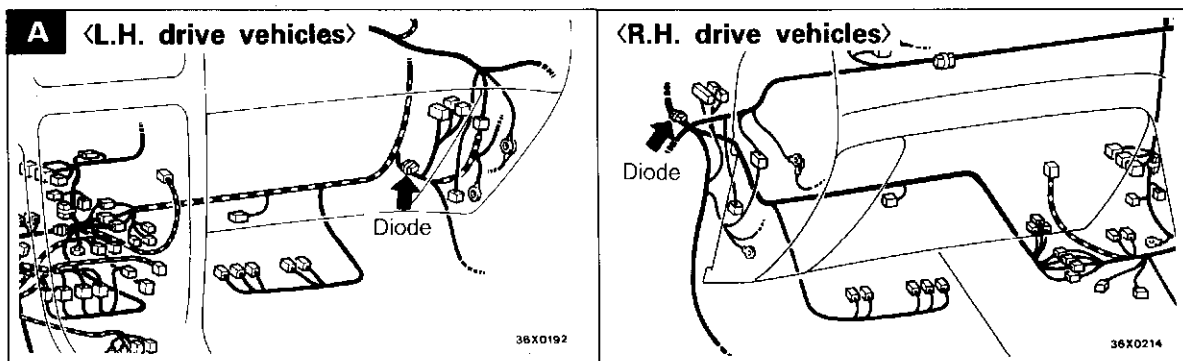
16X0146

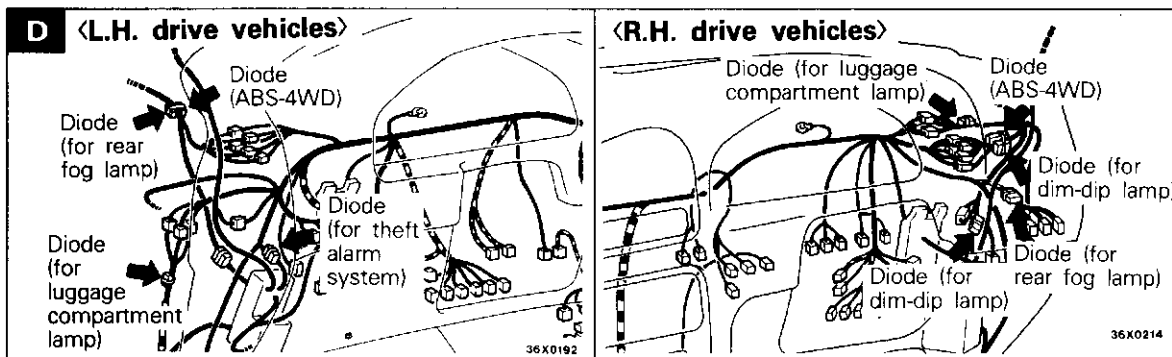
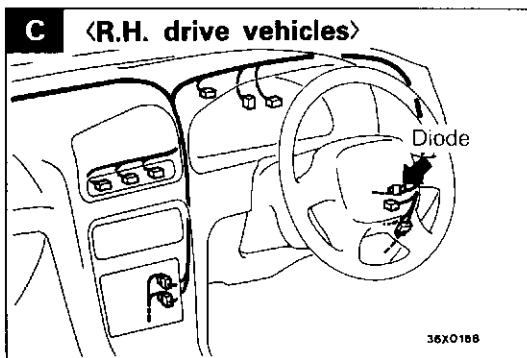
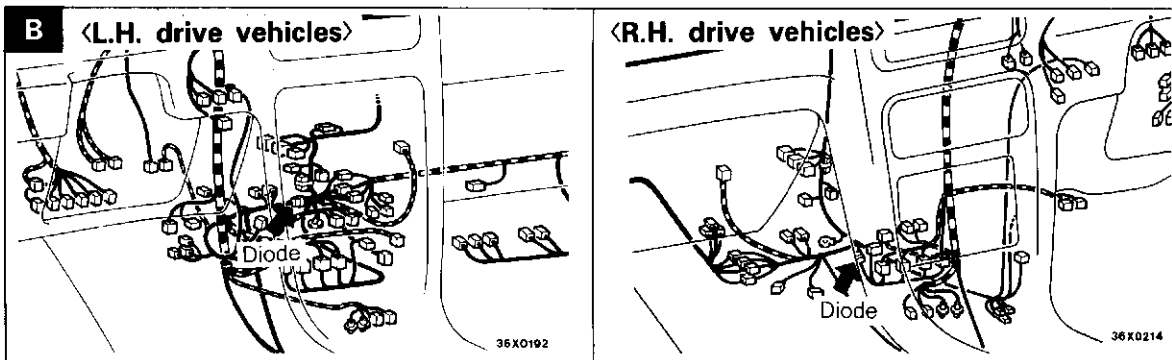
| Name   | Symbol | Name  | Symbol |
|--|--------|---|--------|
| Diode (for ABS circuit) <2WD>                                      | A      | Diode (for idle up circuit)   | B      |
| Diode (for ABS circuit) <4WD>                                      | D      | Diode (for theft-alarm system circuit)  | D      |
| Diode (for dim-dip lamp circuit)                                   | D      |   |        |
| Diode (for door indicator lamp circuit) <vehicles with ACTIVE-ECS> | C      | Diode (for rear fog lamp circuit)   | D      |
| Diode (for door indicator lamp circuit) <Hatchback>                | D      | Diode (for luggage compartment lamp circuit) <vehicles with theft-alarm system> | E      |

## Interior



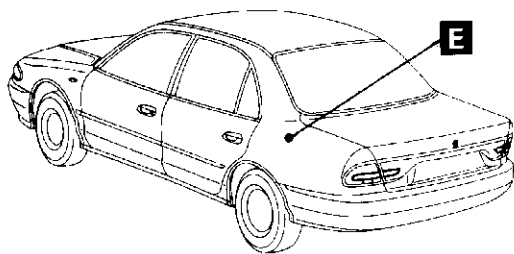
16X0633



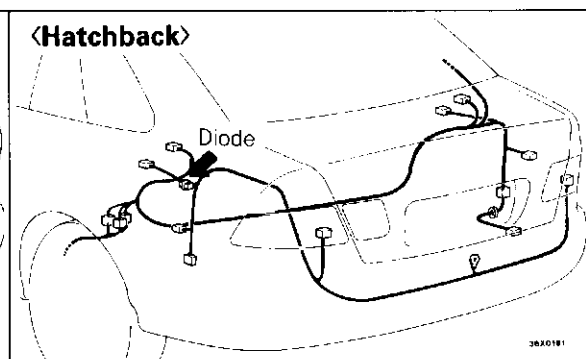
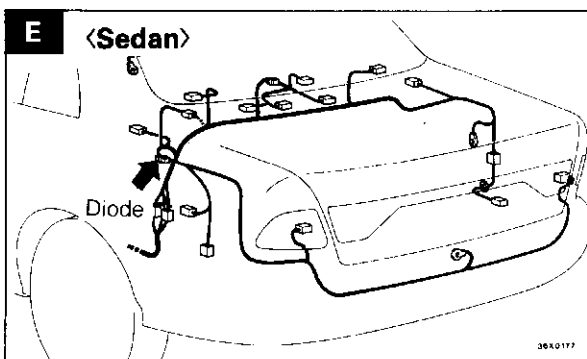
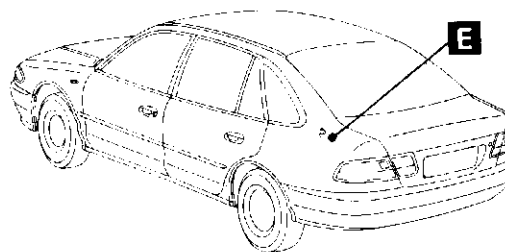


**Luggage Compartment**

<Sedan>



<Hatchback>



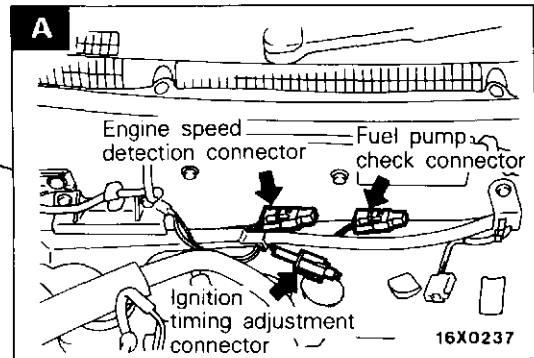
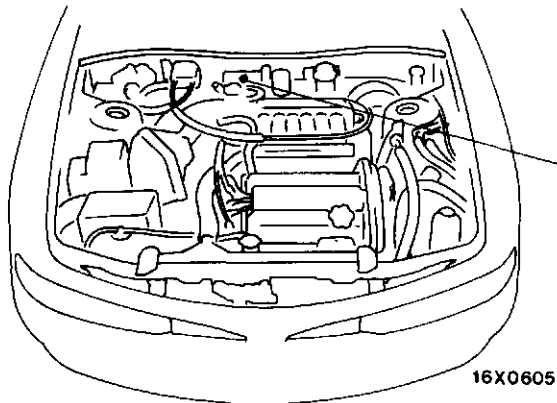


# 3A-18 SINGLE PART INSTALLATION POSITION — Inspection Terminal

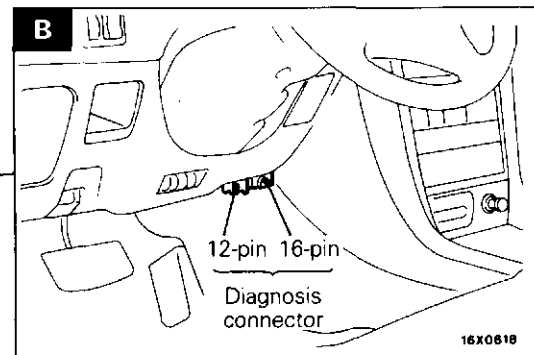
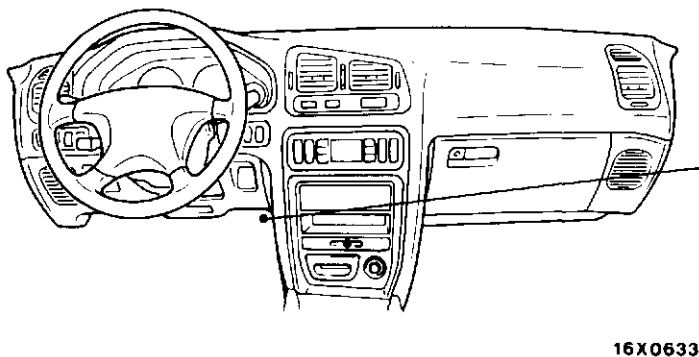
## INSPECTION TERMINAL

| Name                             | Symbol | Name                                 | Symbol |
|----------------------------------|--------|--------------------------------------|--------|
| Diagnosis connector              | A      | Fuel pump check connector            | A      |
| Engine speed detection connector | B      | Ignition timing adjustment connector | A      |

### Engine compartment



### Interior

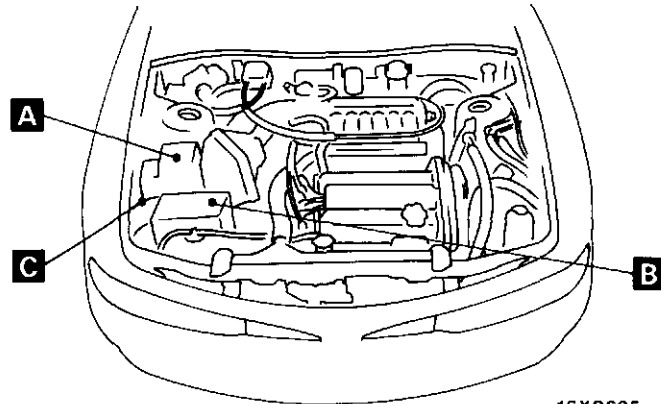


NOTE  
For R.H. drive vehicles, part installation positions are symmetrical.

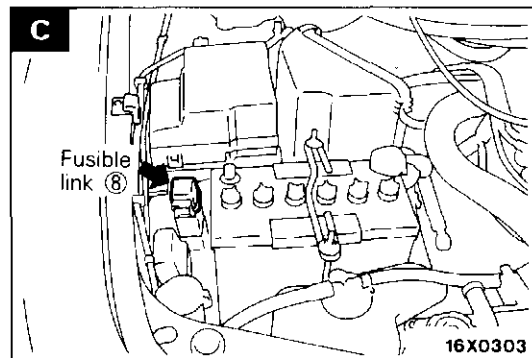
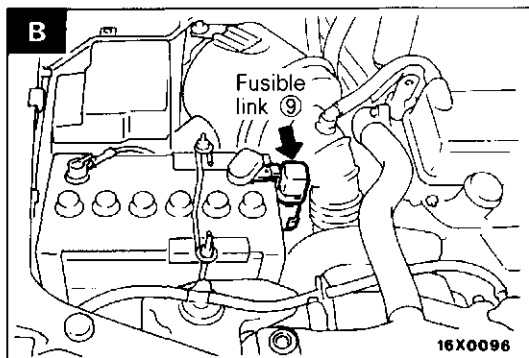
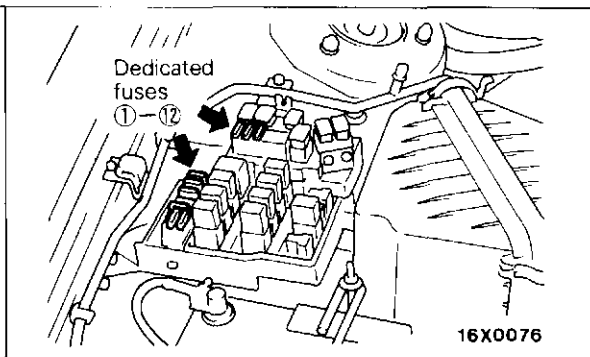
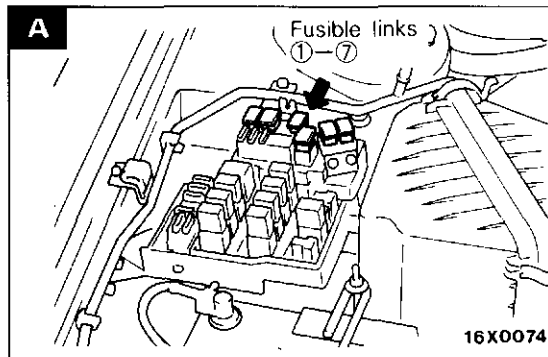
**FUSIBLE LINK AND FUSE**

| Name                | Symbol | Name                  | Symbol |
|---------------------|--------|-----------------------|--------|
| Dedicated fuses ①—⑫ | A      | Fusible links ①—⑦     | A      |
| Dedicated fuses ⑬   | E      | Fusible link ⑧ <MPI>  | C      |
| Multi-purpose fuses | D      | Fusible link ⑨ <4D68> | B      |

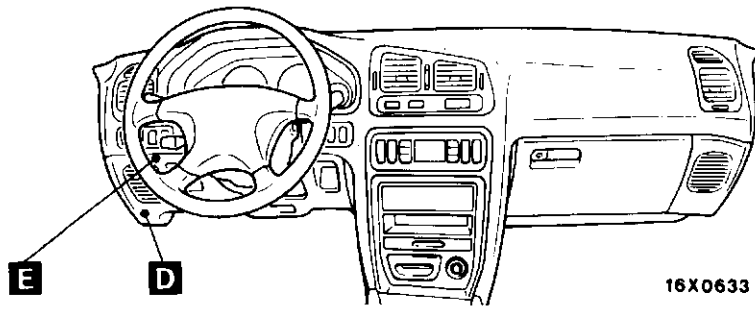
**Engine compartment**



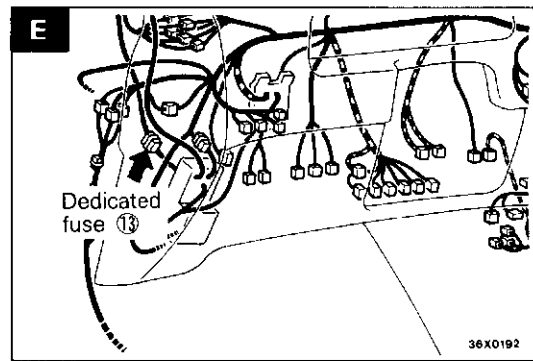
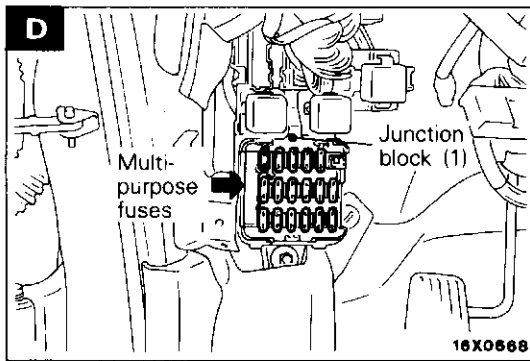
16X0605



Interior

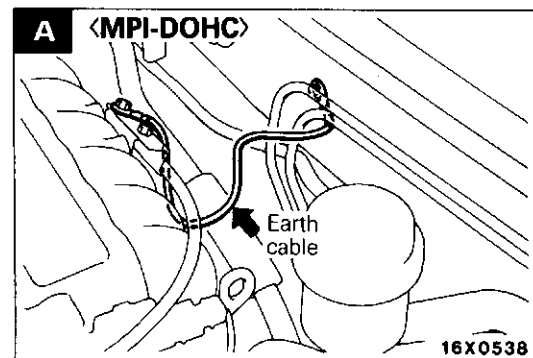
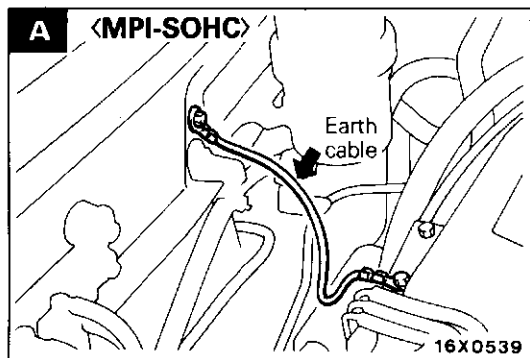
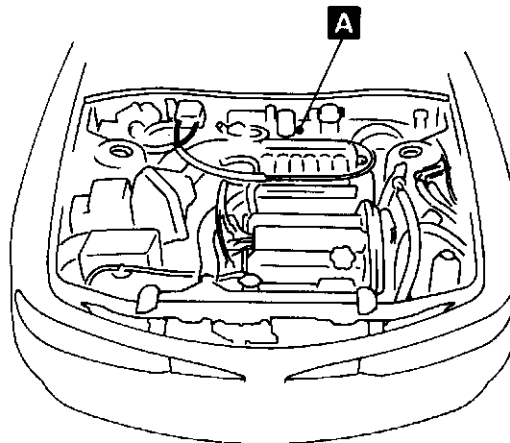


NOTE  
For R.H. drive vehicles, part installation positions are symmetrical.



EARTH CABLE

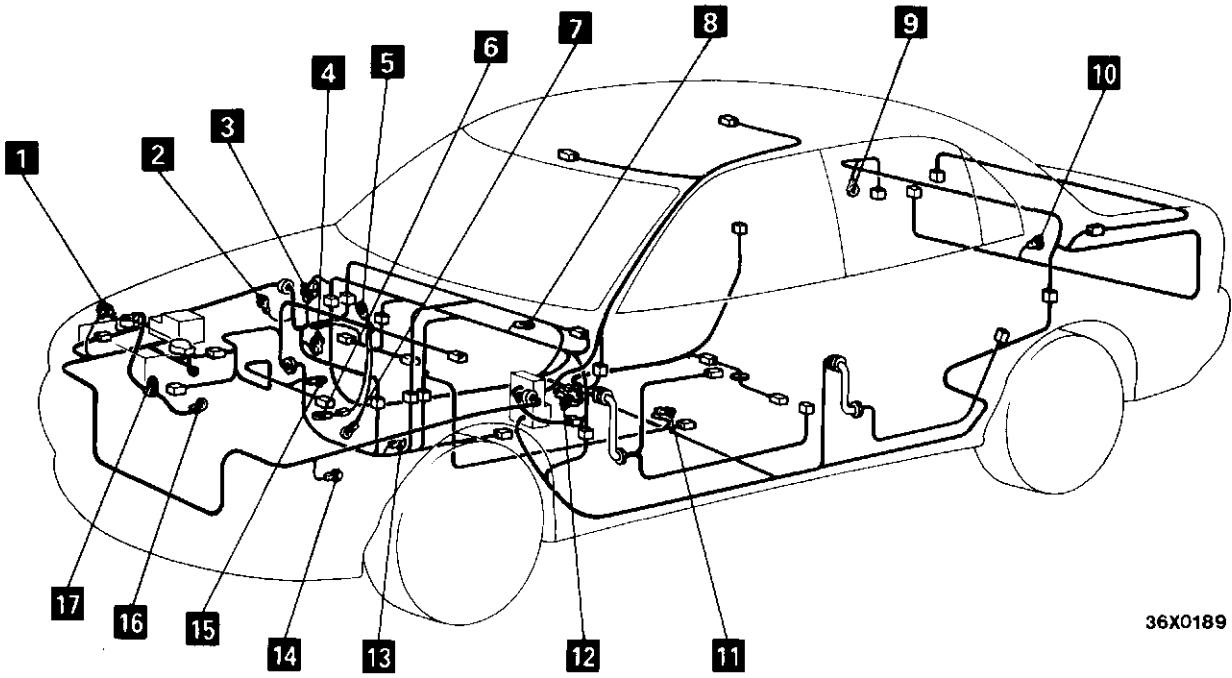
Engine compartment



**EARTH**

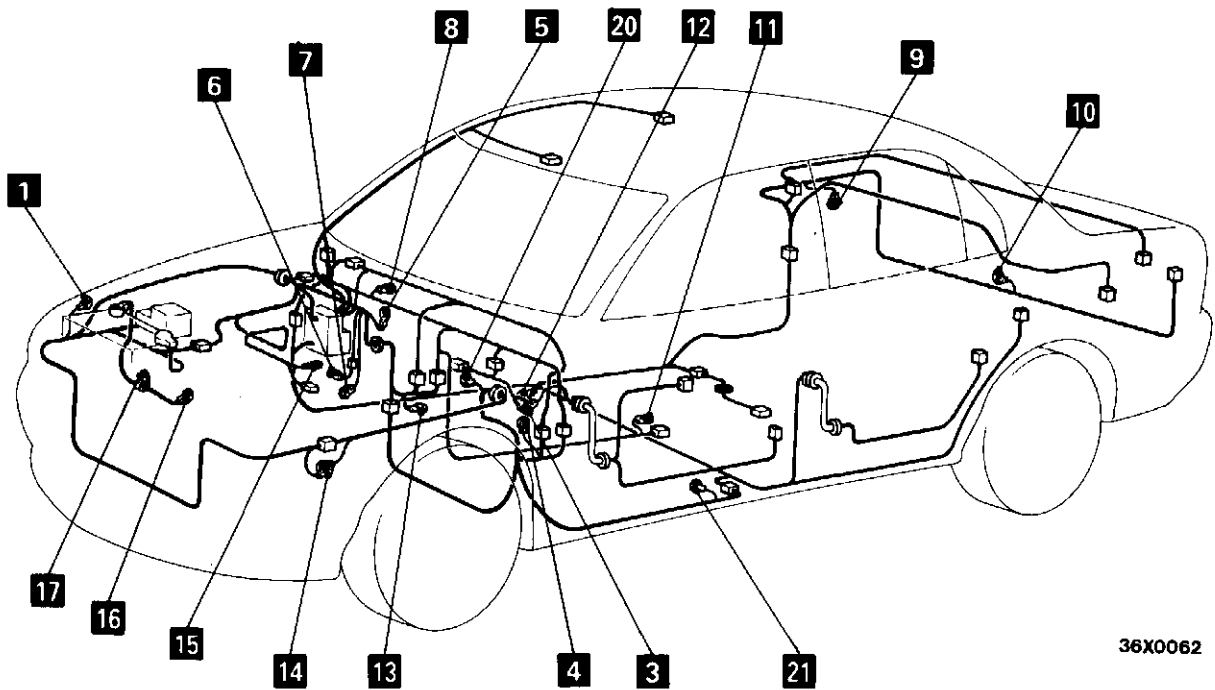
**Sedan**

⟨L.H. drive vehicles⟩



36X0189

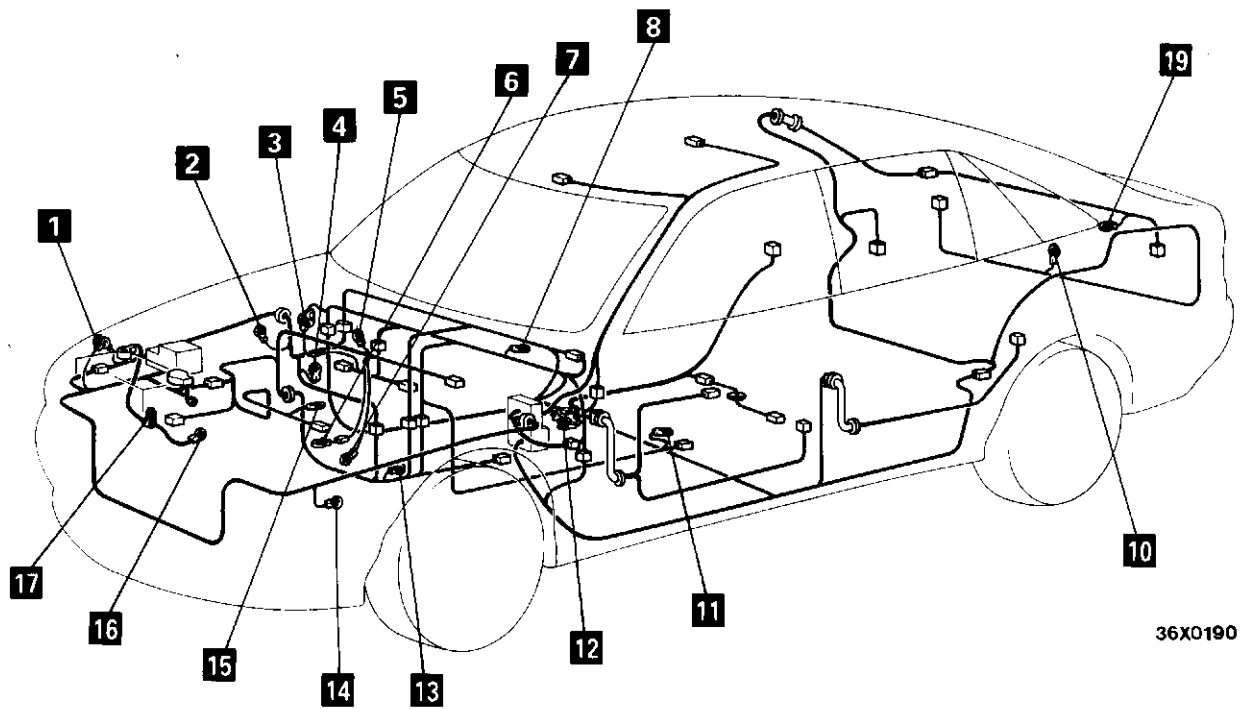
⟨R.H. drive vehicles⟩



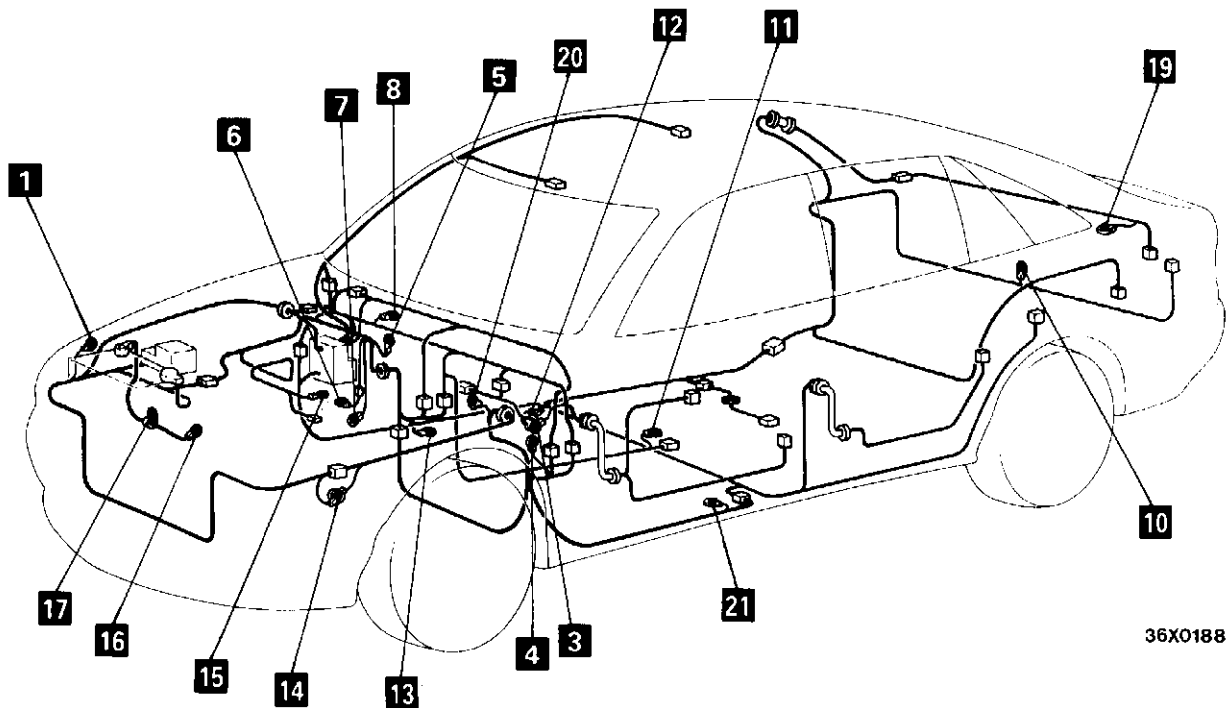
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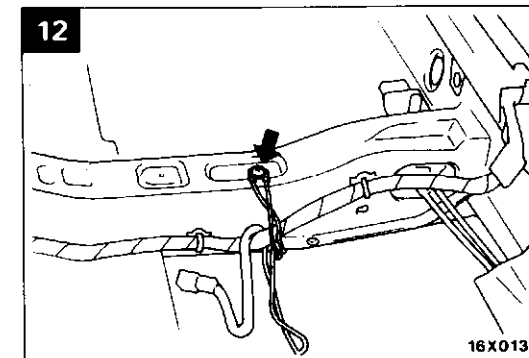
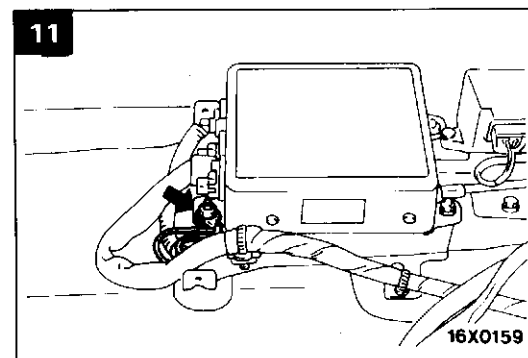
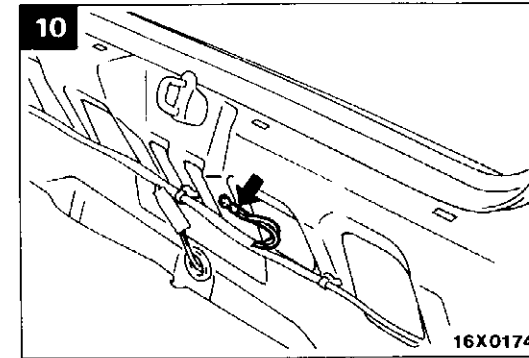
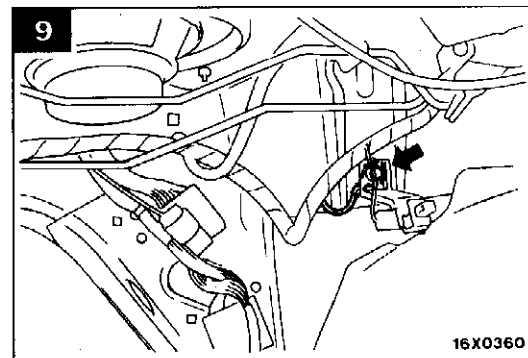
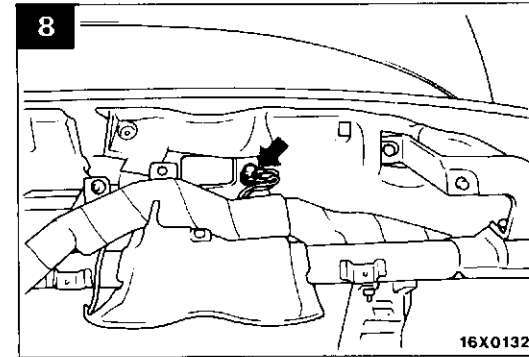
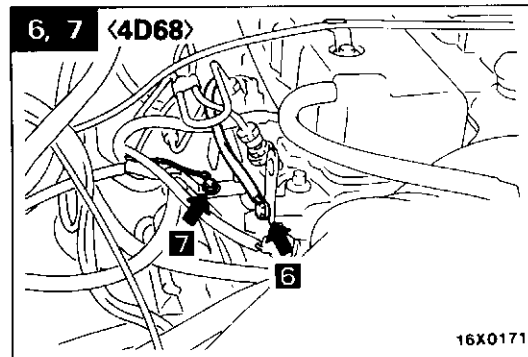
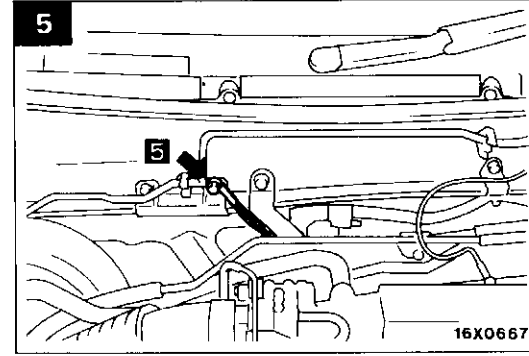
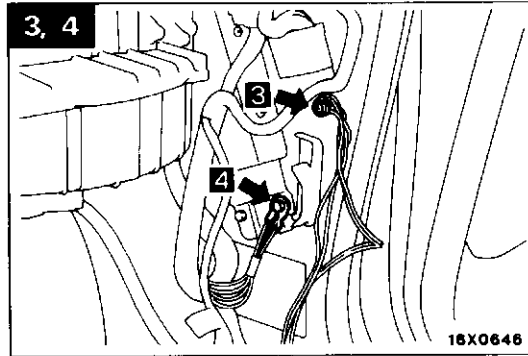
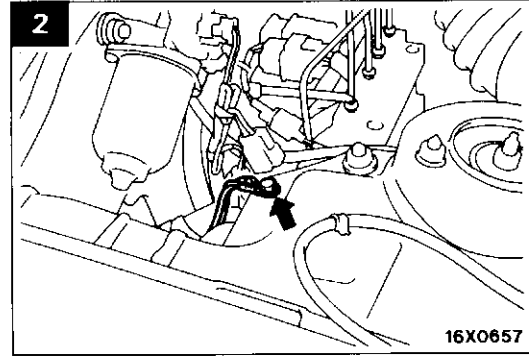
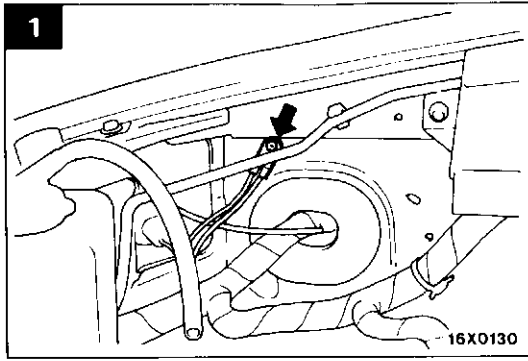
Hatchback

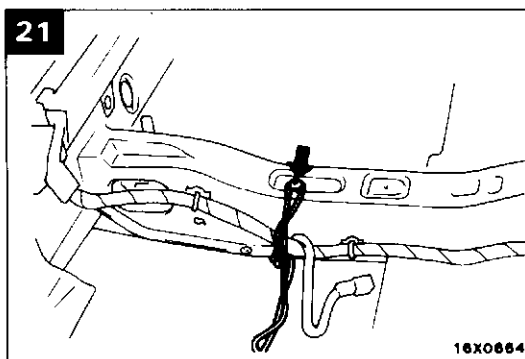
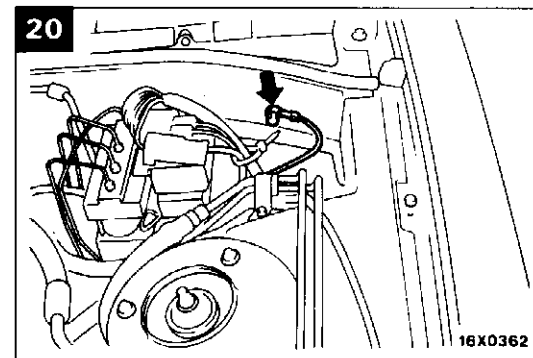
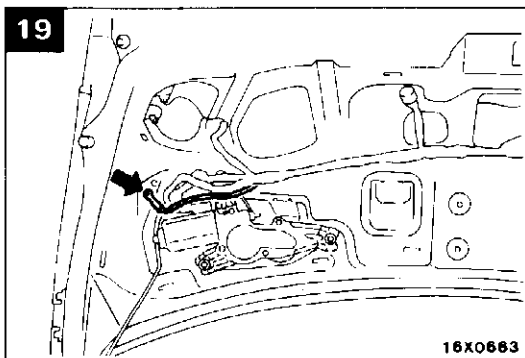
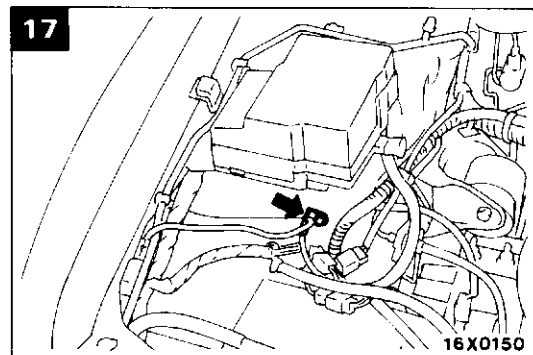
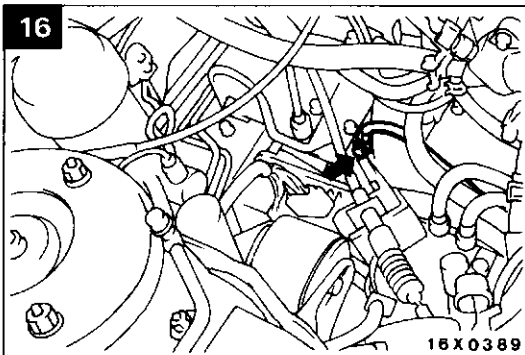
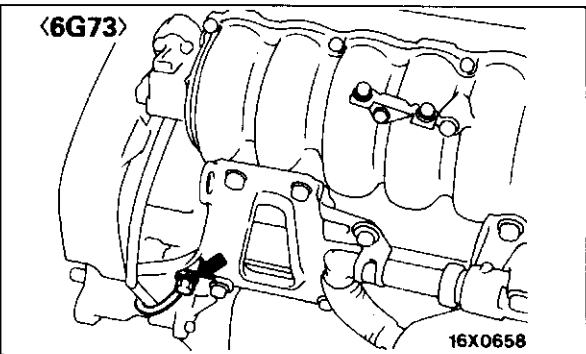
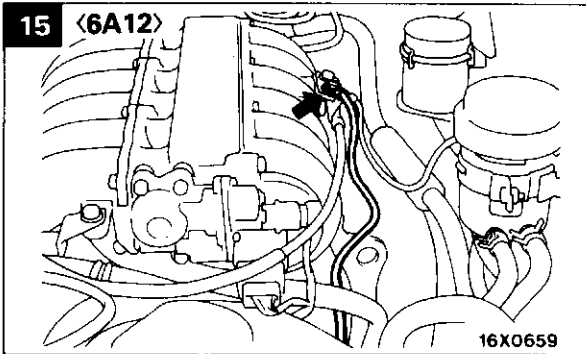
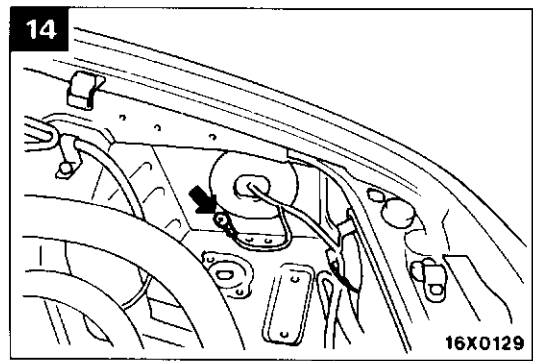
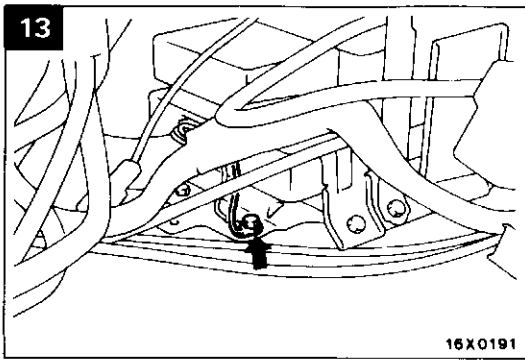
<L.H. drive vehicles>



<R.H. drive vehicles>







## 4A CIRCUIT DIAGRAM

|  |              |   |               |
|--|--------------|---|---------------|
| <b>JUNCTION BLOCK</b> .....                                | <b>4A-3</b>  | <b>REAR FOG LAMP</b>  |               |
| <b>CENTRALIZED JUNCTION</b> .....                          | <b>4A-8</b>  | • L.H. drive vehicles .....   | 4A-104        |
| <b>POWER DISTRIBUTION SYSTEM</b> .....                     | <b>4A-14</b> | • R.H. drive vehicles .....   | 4A-108        |
| <b>STARTING SYSTEM</b>                                     |              | <b>ROOM LAMP</b>  |               |
| • Petrol-powered vehicles without theft-alarm system ..... | 4A-20        | • Vehicles without ETACS .....  | 4A-112        |
| • Diesel-powered vehicles without theft-alarm system ..... | 4A-21        | • Vehicles with ETACS .....   | 4A-114        |
| • Petrol-powered vehicles with theft-alarm system .....    | 4A-22        | <b>LUGGAGE COMPARTMENT LAMP</b>   |               |
| • Diesel-powered vehicles with theft-alarm system .....    | 4A-23        | • Vehicles without theft-alarm system .....                               | 4A-117        |
| <b>IGNITION SYSTEM</b>                                     |              | • Vehicles with theft-alarm system .....                                  | 4A-118        |
| • 4G93, 4G63 .....   | 4A-25        | <b>DOOR LAMP</b>  |               |
| • 6A12, 6G73 <L.H. drive vehicles> .....                   | 4A-26        | • L.H. drive vehicles .....   | 4A-120        |
| • 6A12, 6G73 <R.H. drive vehicles> .....                   | 4A-28        | • R.H. drive vehicles .....   | 4A-121        |
| <b>CHARGING SYSTEM</b>                                     |              | <b>IGNITION KEY CYLINDER ILLUMINATION LAMP</b>                            |               |
| • 4G93 .....   | 4A-30        | • Vehicles without ETACS .....  | 4A-122        |
| • 4G63 .....   | 4A-31        | • Vehicles with ETACS .....   | 4A-123        |
| • 6A12 .....   | 4A-32        | <b>TURN-SIGNAL LAMP AND HAZARD LAMP</b> .....                             | <b>4A-126</b> |
| • 6G73 .....   | 4A-33        | <b>STOP LAMP</b> .....  | <b>4A-130</b> |
| • 4D68 .....   | 4A-34        | <b>BACK-UP LAMP</b>   |               |
| <b>GLOW SYSTEM</b> .....                                   | <b>4A-36</b> | • M/T .....   | 4A-132        |
| <b>MPI SYSTEM</b>  |              | • A/T .....   | 4A-133        |
| • 4G93, 4G63 .....   | 4A-40        | <b>HORN</b>   |               |
| • 6A12, 6G73 .....   | 4A-48        | • Vehicles without SRS .....  | 4A-134        |
| <b>COOLING SYSTEM</b>                                      |              | • Vehicles with SRS .....   | 4A-135        |
| • 4G93, 4G63-2WD .....                                     | 4A-56        | <b>METER AND GAUGE</b>  |               |
| • 4G63-4WD .....   | 4A-58        | • Petrol-powered vehicles .....   | 4A-137        |
| • 6A12-M/T .....   | 4A-60        | • Diesel-powered vehicles .....   | 4A-141        |
| • 6A12-A/T, 6G73 .....                                     | 4A-62        | <b>BRAKE WARNING LAMP</b> .....   | <b>4A-144</b> |
| • 4D68 .....   | 4A-64        | <b>FUEL FILTER WARNING LAMP &lt;4D68&gt;</b>                              | <b>4A-144</b> |
| <b>ELC 4-SPEED AUTOMATIC TRANSMISSION</b> .....            | <b>4A-66</b> | <b>OIL PRESSURE WARNING LAMP</b> .....                                    | <b>4A-145</b> |
| <b>HEADLAMP</b>  |              | <b>FUEL WARNING LAMP</b> .....  | <b>4A-145</b> |
| • L.H. drive vehicles without daytime running lamp .....   | 4A-76        | <b>ENGINE OIL LEVEL WARNING LAMP &lt;4G63, 6A12, 6G73, 4D68&gt;</b> ..... | <b>4A-146</b> |
| • L.H. drive vehicles with daytime running lamp .....      | 4A-78        | <b>CHARGE WARNING LAMP</b> .....  | <b>4A-146</b> |
| • R.H. drive vehicles without dim-dip lamp ...             | 4A-82        | <b>POWER WINDOW</b>   |               |
| • R.H. drive vehicles with dim-dip lamp .....              | 4A-84        | • L.H. drive vehicles .....   | 4A-148        |
| <b>HEADLAMP LEVELING SYSTEM</b>                            |              | • R.H. drive vehicles .....   | 4A-154        |
| • L.H. drive vehicles .....                                | 4A-87        | <b>CENTRAL DOOR LOCKING SYSTEM</b>  |               |
| • R.H. drive vehicles .....                                | 4A-88        | • L.H. drive vehicles without power window                                | 4A-160        |
| <b>TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP</b>     |              | • R.H. drive vehicles without power window                                | 4A-162        |
| • Sedan <L.H. drive vehicles> .....                        | 4A-90        | • L.H. drive vehicles with power window ...                               | 4A-164        |
| • Sedan <R.H. drive vehicles> .....                        | 4A-92        | • R.H. drive vehicles with power window ...                               | 4A-167        |
| • Hatchback <L.H. drive vehicles> .....                    | 4A-94        | <b>HEATER AND MANUAL AIR CONDITIONER</b>                                  |               |
| • Hatchback <R.H. drive vehicles> .....                    | 4A-96        | • Petrol-powered vehicles <2WD> .....                                     | 4A-170        |
| <b>FRONT FOG LAMP</b>                                      |              | • Petrol-powered vehicles <4WD> .....                                     | 4A-176        |
| • L.H. drive vehicles .....                                | 4A-100       | • Diesel-powered vehicles .....   | 4A-182        |
| • R.H. drive vehicles .....                                | 4A-102       |   |               |



## **FULL AUTOMATIC AIR CONDITIONER**

- 6A12-M/T ..... 4A-186
- 6A12-A/T ..... 4A-193
- 6G73 ..... 4A-201

## **AIR PURIFIER**

- Without full automatic air conditioner ..... 4A-209
- With full automatic air conditioner ..... 4A-210

## **WINDSHIELD WIPER AND WASHER ..... 4A-212**

### **REAR WIPER AND WASHER**

- Sedan <L.H. drive vehicles> ..... 4A-214
- Sedan <R.H. drive vehicles> ..... 4A-216
- Hatchback <L.H. drive vehicles> ..... 4A-218
- Hatchback <R.H. drive vehicles> ..... 4A-220

### **HEADLAMP WASHER**

- L.H. drive vehicles ..... 4A-223
- R.H. drive vehicles ..... 4A-224

### **DEFOGGER AND DOOR MIRROR**

#### **HEATER**

- L.H. drive vehicles without ETACS ..... 4A-226
- R.H. drive vehicles without ETACS ..... 4A-229
- L.H. drive vehicles with ETACS ..... 4A-232
- R.H. drive vehicles with ETACS ..... 4A-236

#### **REMOTE CONTROLLED MIRROR**

- L.H. drive vehicles ..... 4A-240
- R.H. drive vehicles ..... 4A-241

#### **RADIO WITH TAPE PLAYER**

- Pole antenna <Sedan> ..... 4A-242
- Pole antenna <Hatchback> ..... 4A-244
- Motor antenna <Sedan> ..... 4A-246
- Motor antenna <Hatchback> ..... 4A-250

#### **CLOCK ..... 4A-253**

#### **CIGARETTE LIGHTER ..... 4A-255**

#### **ELECTRONIC CONTROL POWER**

#### **STEERING ..... 4A-256**

#### **ACTIVE-ELECTRONIC CONTROL SUSPENSION**

- L.H. drive vehicles ..... 4A-258
- R.H. drive vehicles ..... 4A-270

#### **ELECTRONIC CONTROL SUSPENSION**

- L.H. drive vehicles ..... 4A-282
- R.H. drive vehicles ..... 4A-288

#### **ACTIVE-4WS CONTROL SYSTEM**

- L.H. drive vehicles ..... 4A-294
- R.H. drive vehicles ..... 4A-300

#### **ANTI-SKID BRAKE SYSTEM**

- 2WD <L.H. drive vehicles> ..... 4A-306
- 2WD <R.H. drive vehicles> ..... 4A-311
- 4WD <L.H. drive vehicles> ..... 4A-316
- 4WD <R.H. drive vehicles> ..... 4A-320

#### **FUZZY-TRACTION CONTROL SYSTEM**

- L.H. drive vehicles ..... 4A-324
- R.H. drive vehicles ..... 4A-334

#### **AUTO-CRUISE CONTROL SYSTEM**

- SOHC ..... 4A-344
- DOHC ..... 4A-352

#### **POWER SEAT**

- L.H. drive vehicles ..... 4A-360
- R.H. drive vehicles ..... 4A-364

#### **HEATED SEAT ..... 4A-368**

#### **SUNROOF ..... 4A-370**

#### **LIGHTING MONITOR BUZZER**

- L.H. drive vehicles without ETACS ..... 4A-372
- R.H. drive vehicles without ETACS ..... 4A-374
- L.H. drive vehicles with ETACS ..... 4A-376
- R.H. drive vehicles with ETACS ..... 4A-378

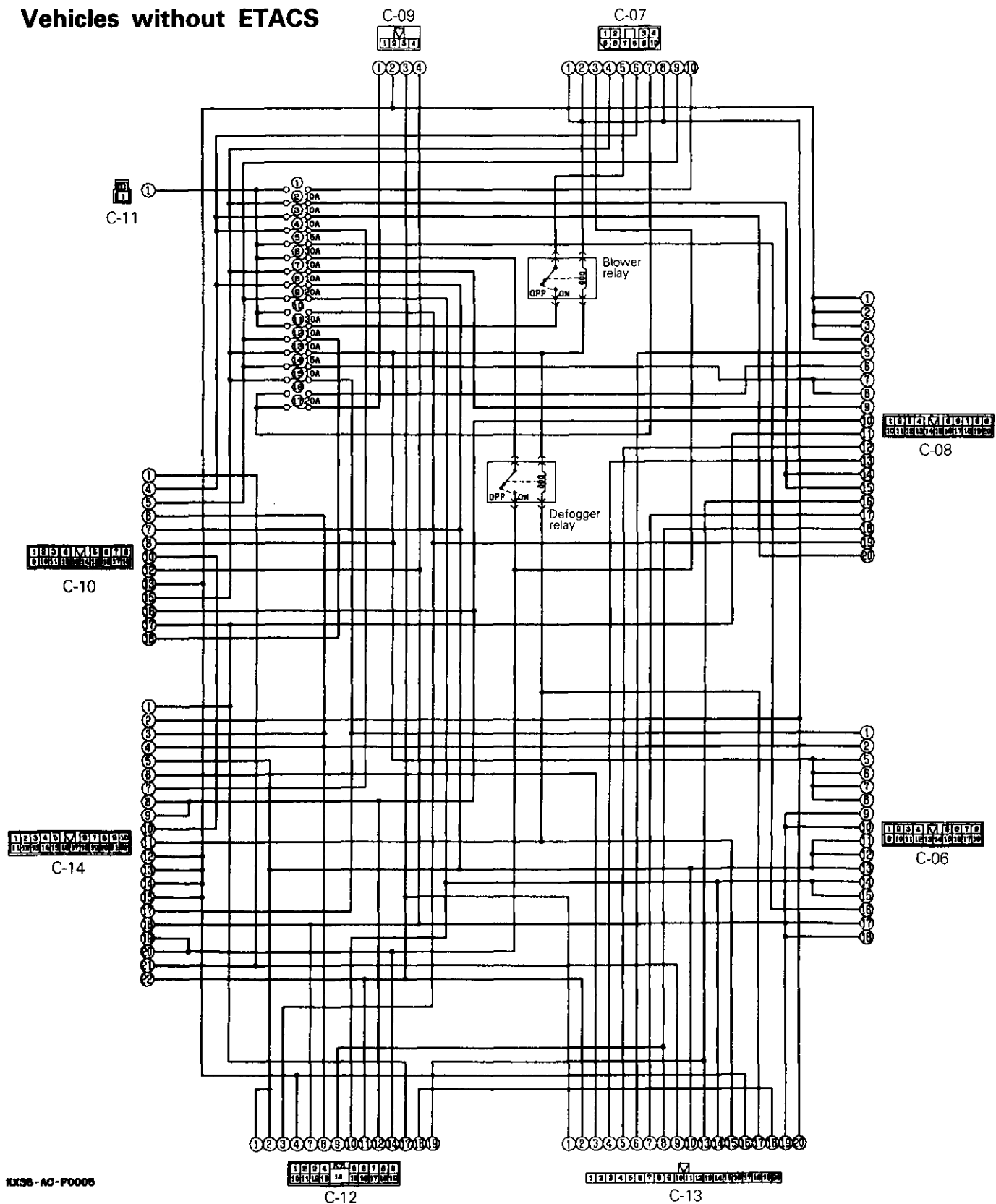
#### **SUPPLEMENTAL RESTRAINT SYSTEM**

- Petrol-powered vehicles  
<L.H. drive vehicles> ..... 4A-380
- Petrol-powered vehicles  
<R.H. drive vehicles> ..... 4A-383
- Diesel-powered vehicles  
<L.H. drive vehicles> ..... 4A-385
- Diesel-powered vehicles  
<R.H. drive vehicles> ..... 4A-388

#### **THEFT-ALARM SYSTEM ..... 4A-390**

# JUNCTION BLOCK (1)

Vehicles without ETACS

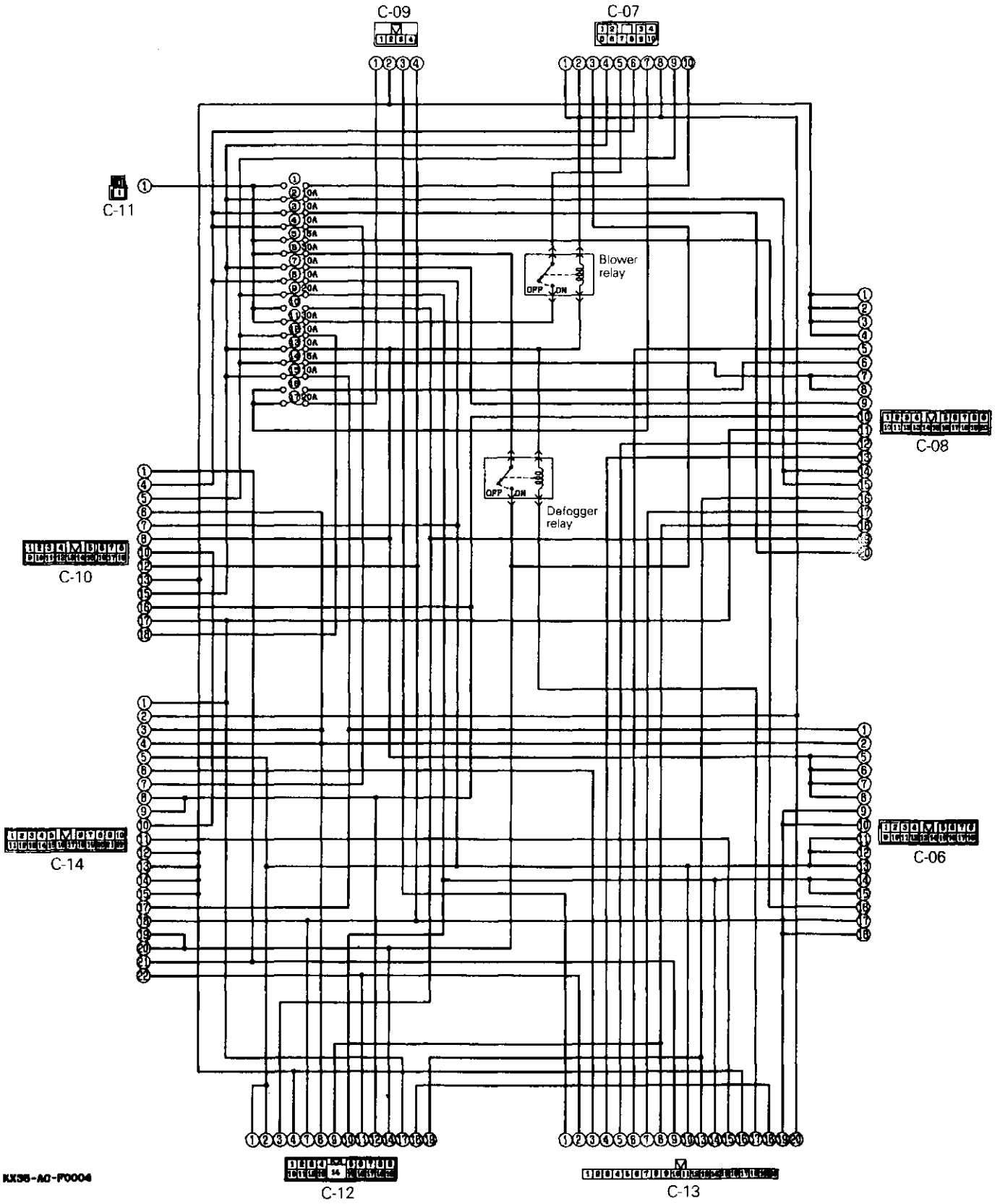


KX36-AC-P0005

**Remark**

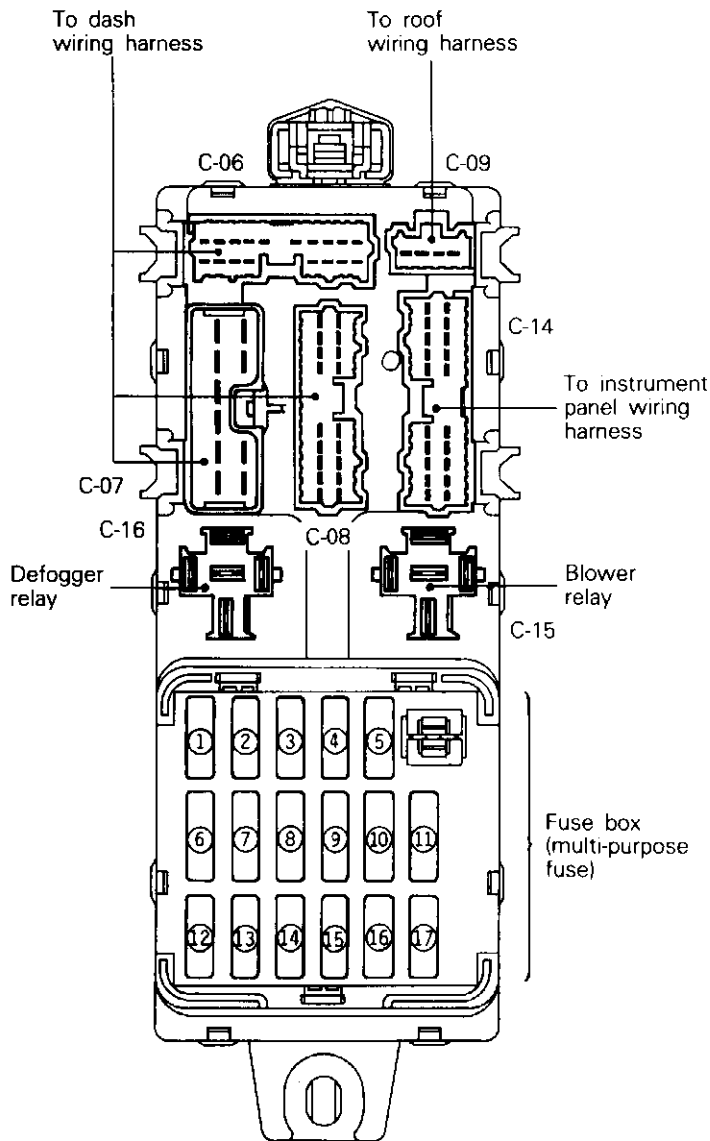
- Connector numbers are keyed to the configuration diagram and each circuit diagram.

Vehicles with ETACS



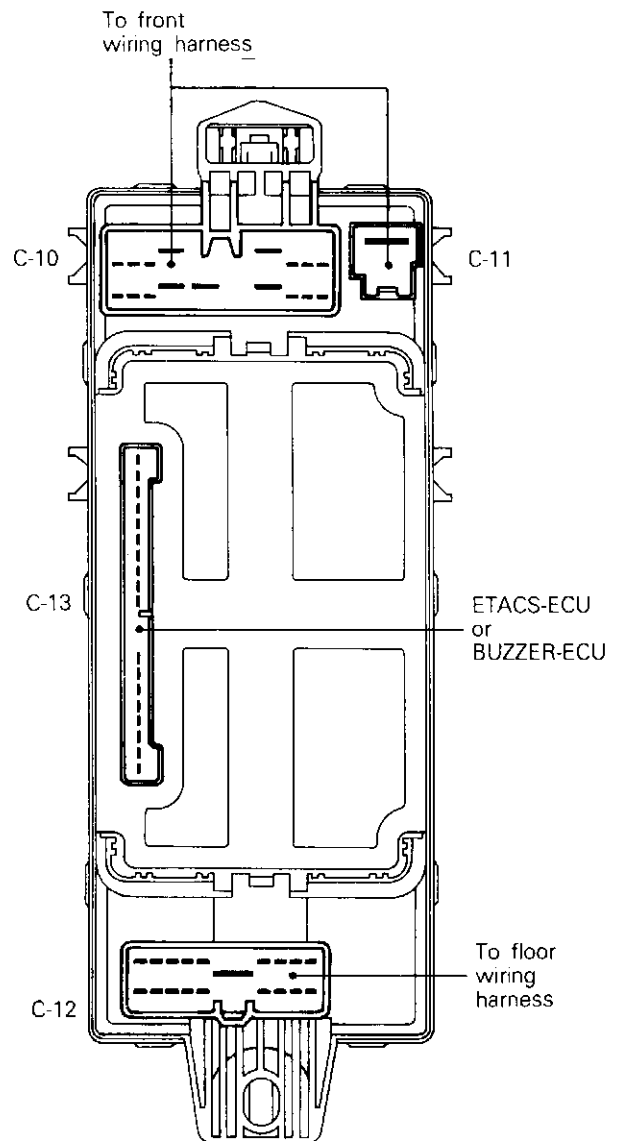
KX35-A0-P0004

Front side



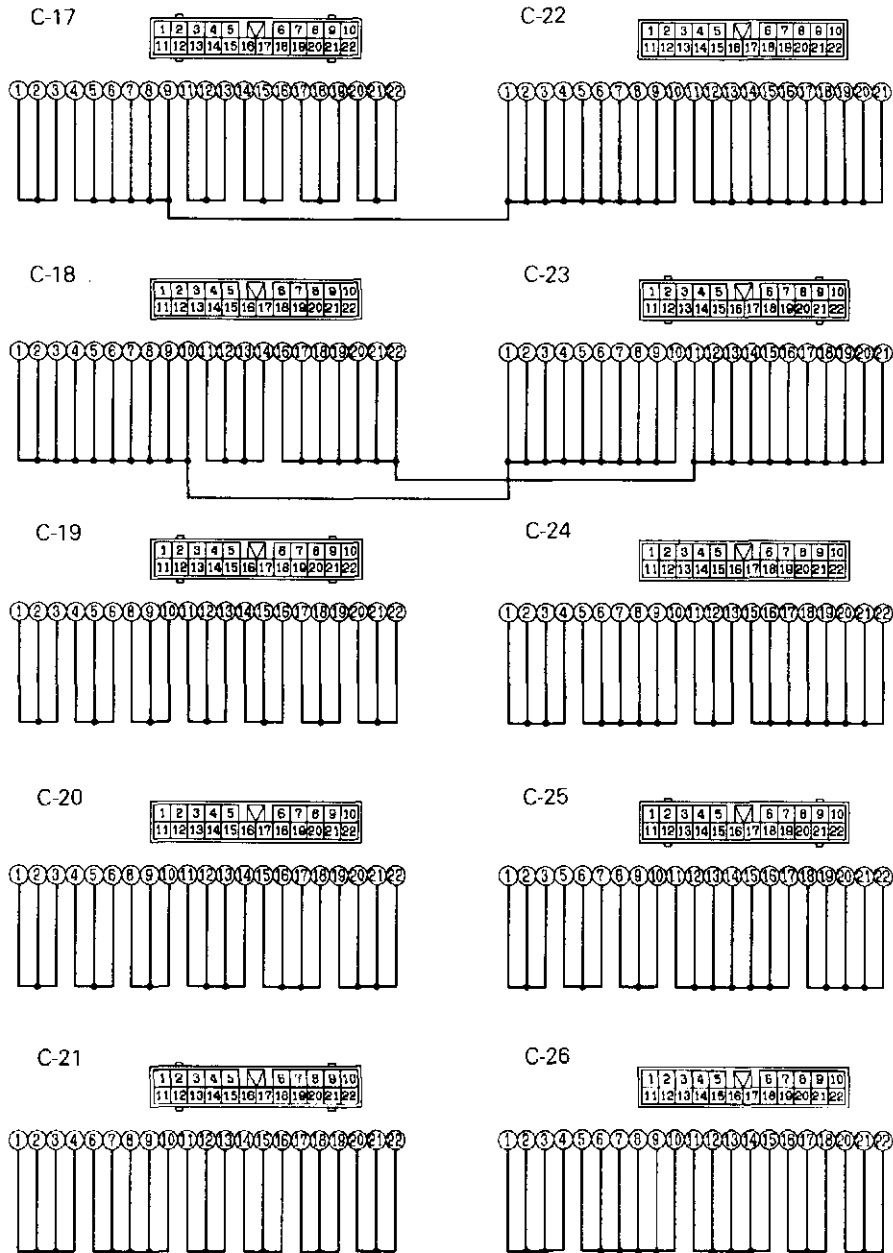
16X0078

Rear side



16X0079

JUNCTION BLOCK (2)



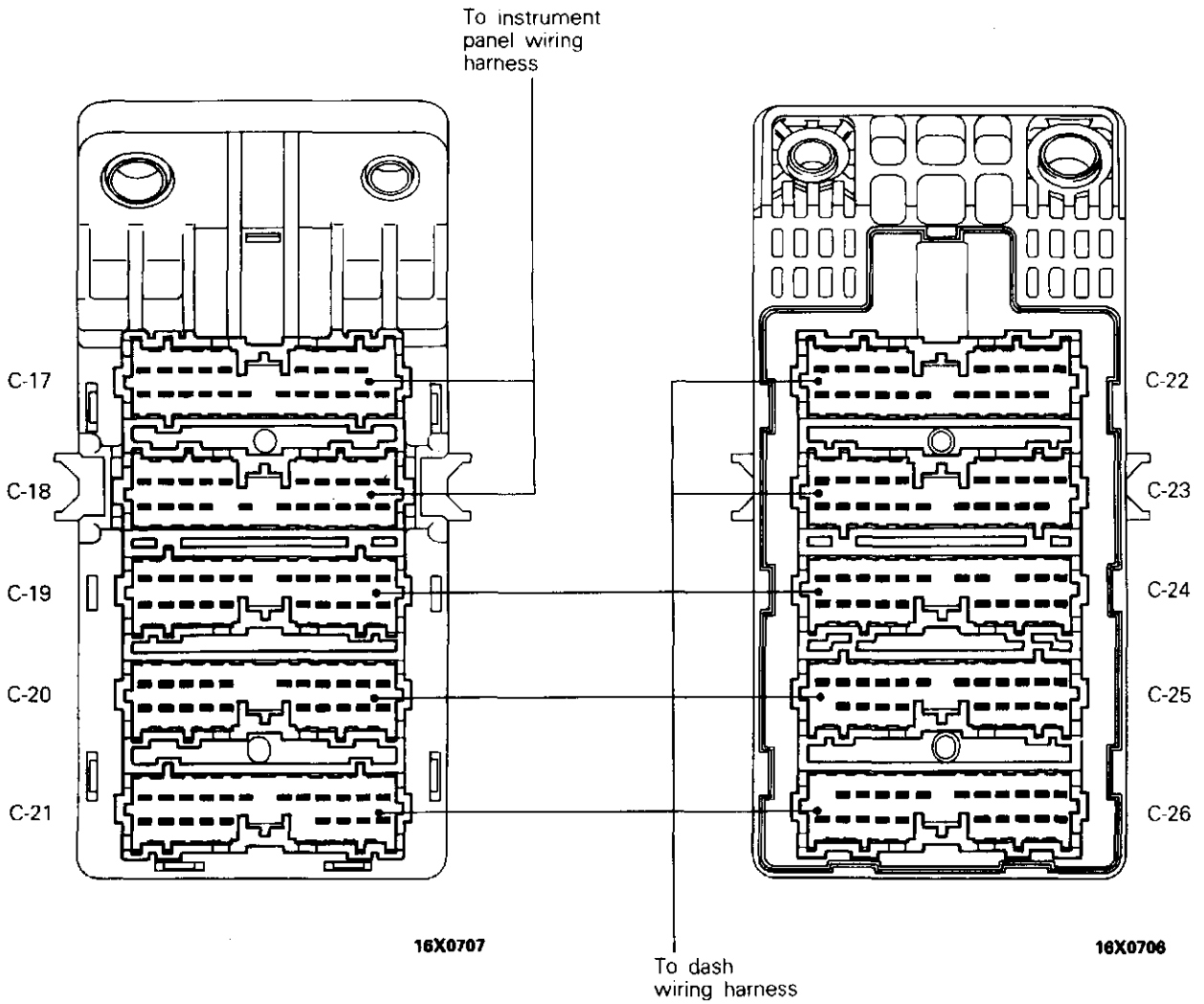
KX35-AC-F0000

Remark

- Connector numbers are keyed to the configuration diagram and each circuit diagram.

Front side

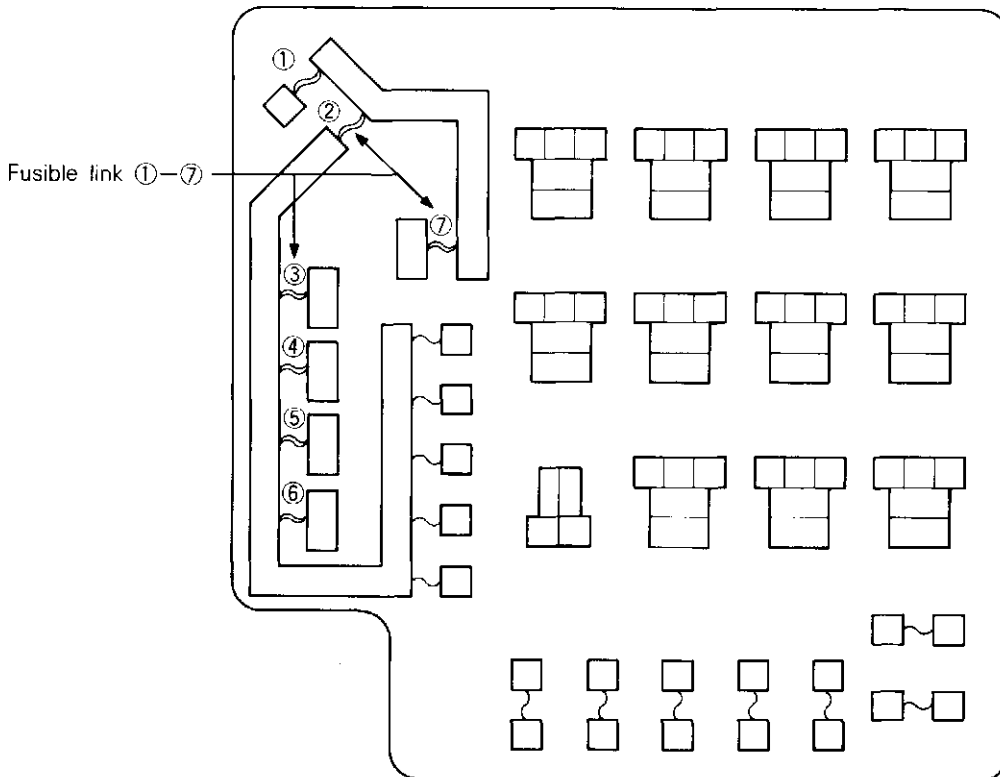
Rear side



**CENTRALIZED JUNCTION  
FUSIBLE LINK**

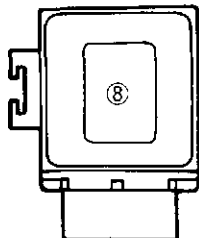
| No. | Circuit  | Housing colour | Rated capacity (A) |
|-----|--|----------------|--------------------|
| 1   | Air conditioner, dedicated fuse No. ⑫, multi-purpose fuse No. ⑤, ⑥, ⑪                | Yellow         | 60                 |
| 2   | Alternator   | Blue           | 100                |
| 3   | Ignition switch, supplemental restraint system, grow, starter and theft-alarm system | Pink           | 30                 |
| 4   | ABS  | Red            | 50                 |
| 5   | Air conditioner and cooling  | Pink           | 30                 |
| 6   | Alternator, headlamp and tail lamp   | Green          | 40                 |
| 7   | Central door locking system, power window, power seat and sunroof                    | Pink           | 30                 |
| 8   | ACTIVE-ECS   | Yellow         | 60                 |
| 9   | Glow   | Black          | 80                 |

(Relay box in engine compartment)

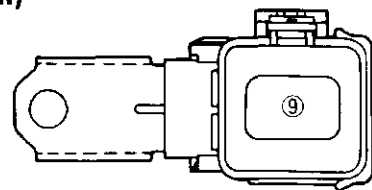


16X0077

(Fusible link box in engine compartment) (Connected directly to battery positive terminal)



16X0421



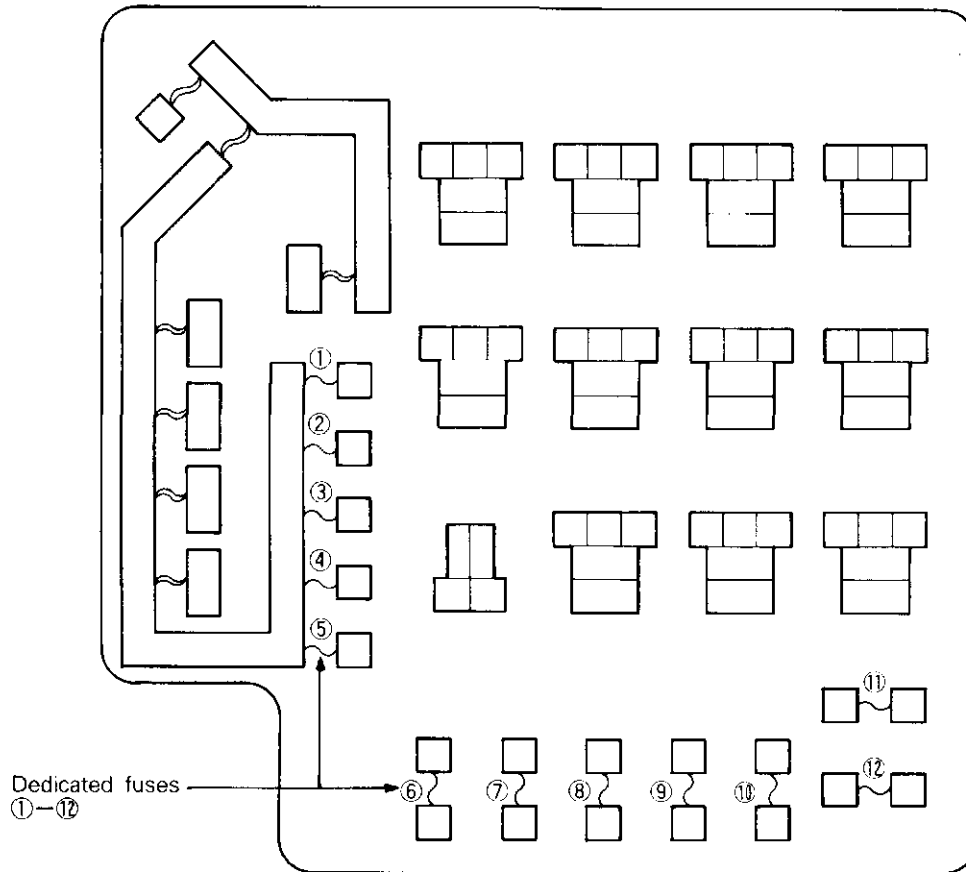
16A0335

## DEDICATED FUSE

| Power supply circuit         | No. | Rated capacity (A) | Housing Colour | Circuit  |
|------------------------------|-----|--------------------|----------------|--|
| Battery/<br>alternator       | 1   | 30                 | Green          | ABS and fuzzy TCL  |
|                              | 2   | 15                 | Blue           | ACTIVE-ECS   |
|                              | 3   | 30                 | Green          | Air conditioner and cooling  |
|                              | 4   | 10                 | Red            | Hazard lamp  |
|                              | 5   | 20                 | Yellow         | MPI system and fuzzy TCL   |
|                              | 6   | 10                 | Red            | Air conditioner  |
| Headlamp relay<br>(battery)  | 7   | 10                 | Red            | ACTIVE-ECS, headlamp,<br>headlamp leveling and rear<br>fog lamp  |
| Tail lamp relay<br>(battery) | 8   | 10                 | Red            | ACTIVE-ECS, auto-cruise<br>control system, cigarette<br>lighter, clock, defogger, ECS,<br>ELC-4A/T, tail lamp, fuzzy-<br>TCL, full auto air conditioner,<br>hazard lamp, ignition key re-<br>minder buzzer, manual air<br>conditioner, meter and<br>gauge, MPI system, radio,<br>rear wiper and washer and<br>sunroof  |
|                              | 9   | 10                 | Red            | Tail lamp  |
|                              | 10  | 15                 | Blue           | Front fog lamp   |
| Ignition switch<br>(ACC)     | 11  | 15                 | Blue           | Auto-cruise control system,<br>clock, radio and rear wiper<br>and washer   |
| Battery/<br>alternator       | 12  | 10                 | Red            | ABS, ACTIVE-ECS, ACTIVE-<br>4WS control system, auto-<br>cruise control system, central<br>door locking system, clock,<br>defogger, door lamp, ECS,<br>ELC-4A/T, fuzzy-TCL, full<br>auto air conditioner, ignition<br>key cylinder illumination<br>lamp, ignition key reminder<br>buzzer, luggage compart-<br>ment lamp, warning lamp,<br>MPI system, power window,<br>radio, room lamp and theft-<br>alarm system |
|                              | 13  | 10                 | Red            | Theft-alarm system   |

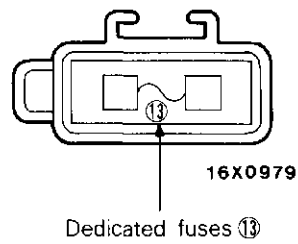


(Relay box in engine compartment)



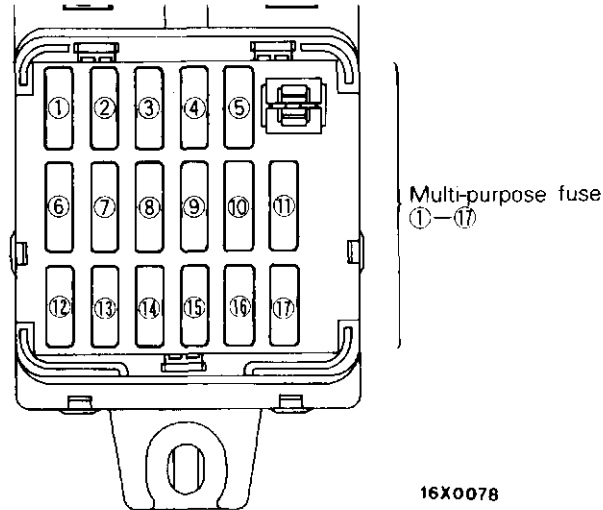
16X0077

(Relay box in passenger compartment)



**MULTI-PURPOSE FUSE (In junction block (1))**

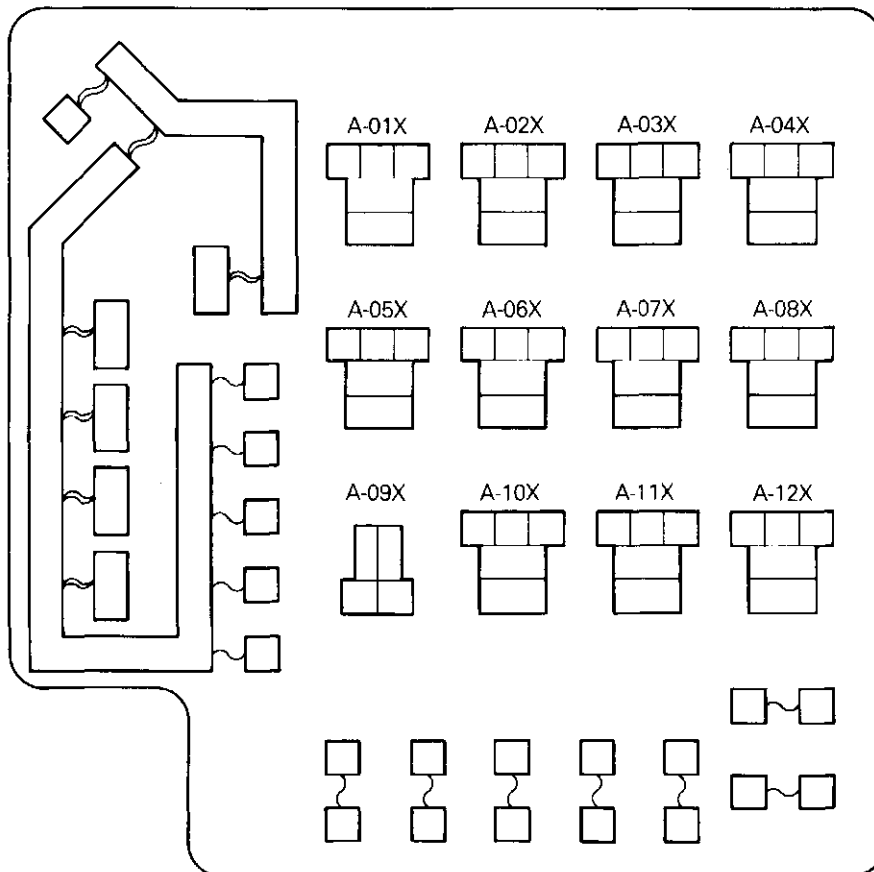
| Power supply circuit  |     | No. | Rated capacity (A) | Housing colour | Load circuit   |
|-----------------------|-----|-----|--------------------|----------------|--|
| Fusible link No. ①, ② |     | 1   | —                  | —              | —  |
| Ignition switch       | IG2 | 2   | 10                 | Red            | ABS power relay and ECS-ECU  |
|                       | IG1 | 3   | 10                 | Red            | ECS-ECU, back-up lamp and 4WS-ECU  |
|                       |     | 4   | 10                 | Red            | Turn signal and hazard flasher unit, SRS diagnosis unit and 4WS-ECU  |
| Fusible link No. ①, ② |     | 5   | 15                 | Blue           | ABS-ECU, auto-cruise-ECU, ECS-ECU, ELC-4A/T-ECU, engine-ECU, stop lamp and TCL-ECU   |
|                       |     | 6   | 30                 | Green          | Deffogger  |
| Ignition switch       | IG2 | 7   | 10                 | Red            | EPS-ECU  |
|                       | IG1 | 8   | 10                 | Red            | Auto-cruise-ECU, auto-cruise main switch, buzzer-ECU, ETACS-ECU, indicator lamp, meter and gauge, motor antenna assembly, SRS diagnosis unit, steering wheel sensor, sunroof-ECU and warning lamp  |
|                       | ACC | 9   | 20                 | Yellow         | Intermittent wiper relay, motor antenna assembly, rear intermittent wiper relay and remote controlled mirror   |
| Fusible link No. ①, ② |     | 10  | —                  | —              | —  |
|                       |     | 11  | 30                 | Green          | Blower motor   |
| Ignition switch       | ACC | 12  | 10                 | Red            | Horn   |
|                       | IG2 | 13  | 10                 | Red            | ABS-ECU, air conditioner-ECU, air purifier, air selection control motor, automatic compressor-ECU, blower relay, power window switch, condenser fan relay, deffogger relay, dim-dip relay (I), DRL-ECU, DRL relay (I), engine-ECU, headlamp washer relay, heated seat, power window, radiator fan relay, TCL-ECU and valve relay |
|                       | ACC | 14  | 15                 | Blue           | Cigarette lighter  |
|                       | IG2 | 15  | 10                 | Red            | Auto-cruise-ECU, A/T selector lever position illumination lamp and ELC-4A/T-ECU  |
| Fusible link No. ⑦    |     | 16  | —                  | —              | —  |
|                       |     | 17  | 20                 | Yellow         | Sunroof-ECU  |



**CENTRALIZED RELAY**

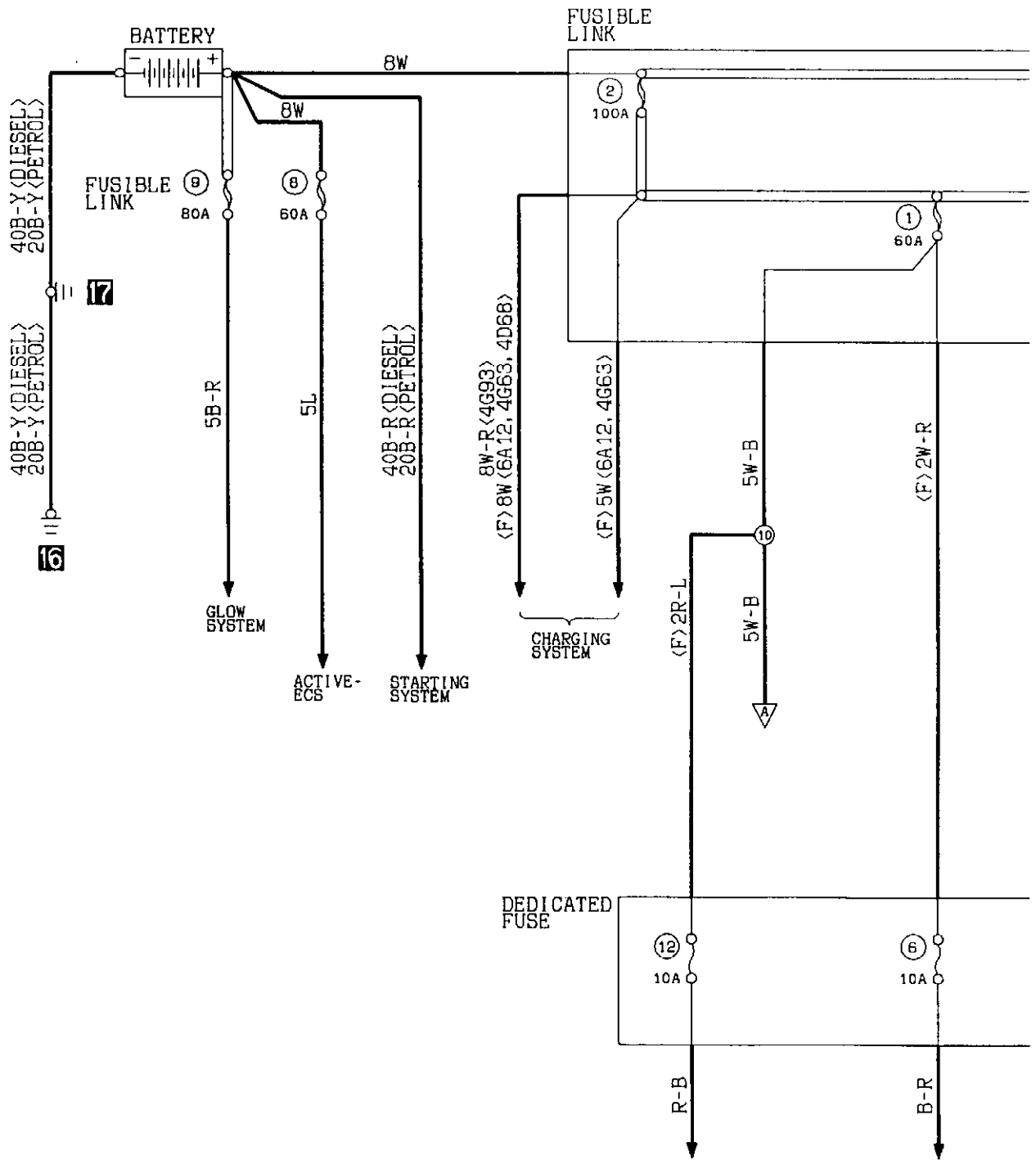
(Relay box in engine compartment)

| Connector No. | Name                     | Connector No. | Name                      |
|---------------|--------------------------|---------------|---------------------------|
| A-01X         | Condensor fan relay (LO) | A-07X         | A/C compressor relay      |
| A-02X         | Condensor fan relay (HI) | A-08X         | Radiator fan relay (LO-2) |
| A-03X         | Radiator fan relay (LO)  | A-09X         | Alternator relay          |
| A-04X         | Radiator fan relay (HI)  | A-10X         | Front fog lamp relay      |
| A-05X         | ABS power relay          | A-11X         | Tail lamp relay           |
| A-06X         | Horn relay               | A-12X         | Headlamp relay            |



NOTES

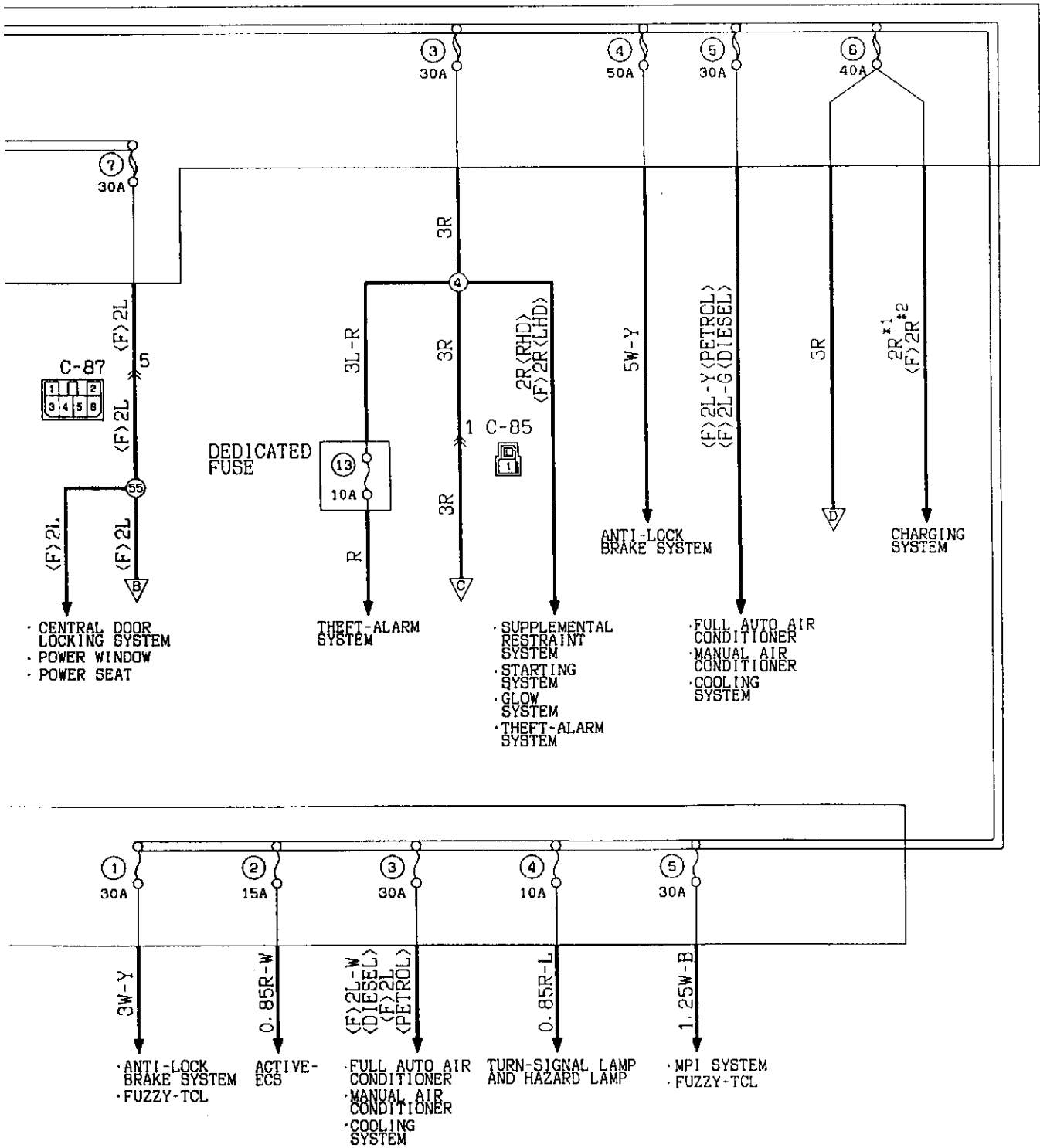
POWER DISTRIBUTION SYSTEM



- ABS
- ACTIVE-4WS
- ACTIVE-ECS
- AUTO-CRUISE CONTROL SYSTEM
- CENTRAL DOOR LOCKING SYSTEM
- CLOCK
- DEFOGGER AND DOOR MIRROR HEATER
- DOOR LAMP
- ECS
- ELC-4A/T
- FULL AUTO AIR CONDITIONER
- FUZZY-TCL
- IGNITION KEY REMINDER ILLUMINATION LAMP
- LIGHTING MONITOR BUZZER
- MPI SYSTEM
- POWER WINDOW
- RADIO AND TAPE PLAYER
- ROOM LAMP
- LUGGAGE COMPARTMENT LAMP
- WARNING LAMP
- THEFT-ALARM SYSTEM
- FULL AUTO AIR CONDITIONER
- MANUAL AIR CONDITIONER

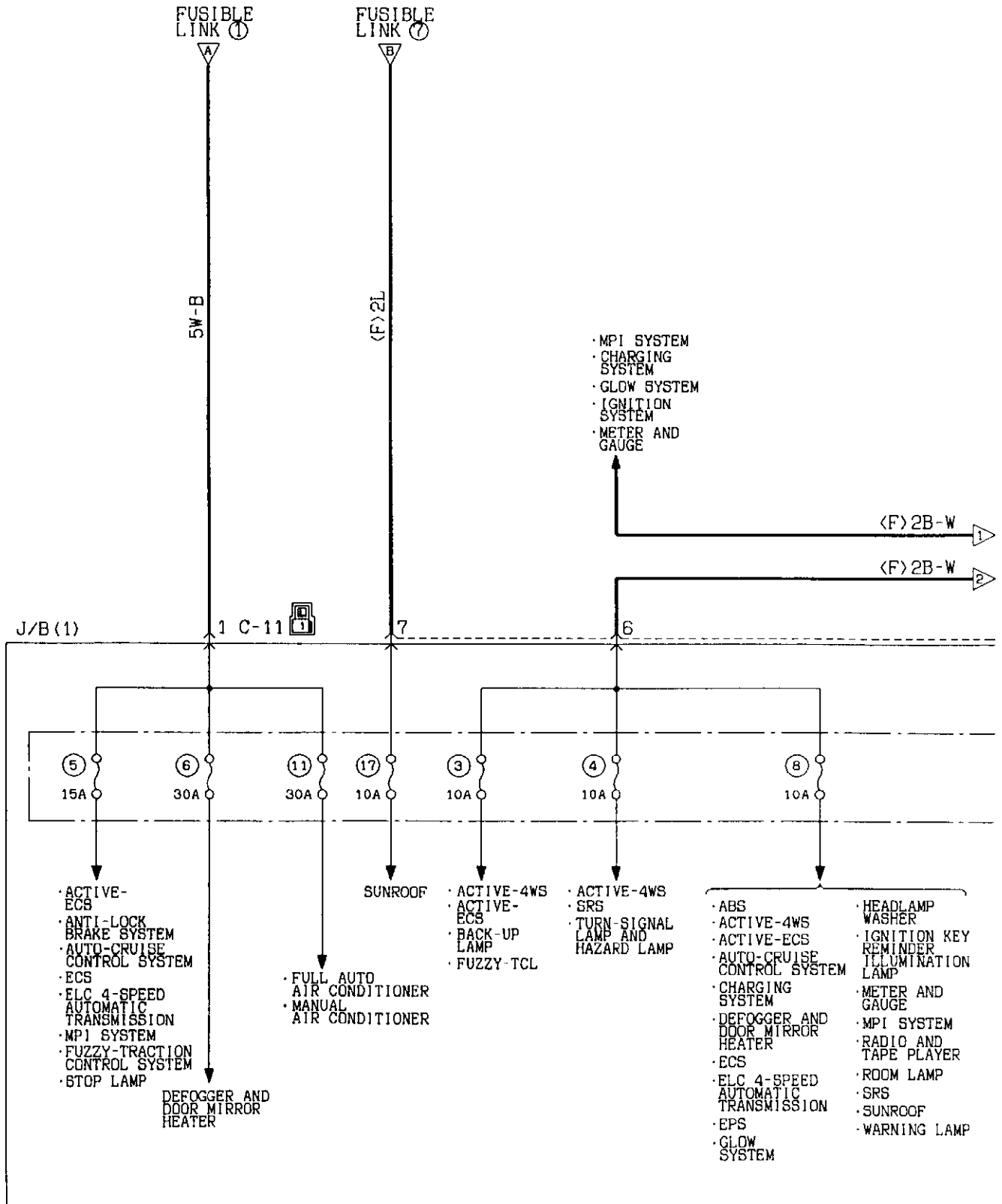
KX35-AC-F0102-EC

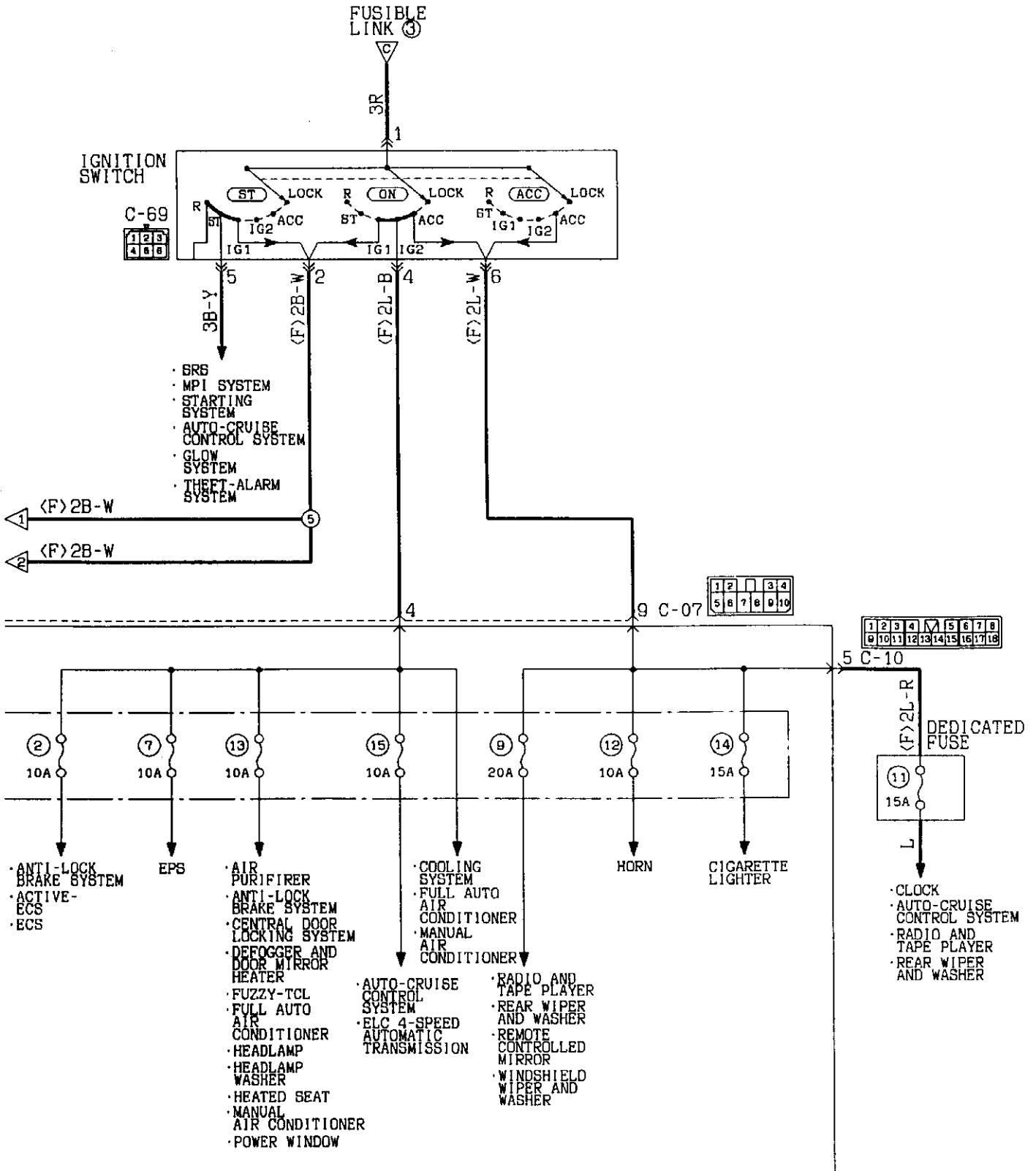
Remarks  
 (1)\*1:4G93-LHD, 6A12-LHD  
 (2)\*2:4G93-RHD, 6A12-RHD, 4G63, 4G68



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

POWER DISTRIBUTION SYSTEM (CONTINUED)

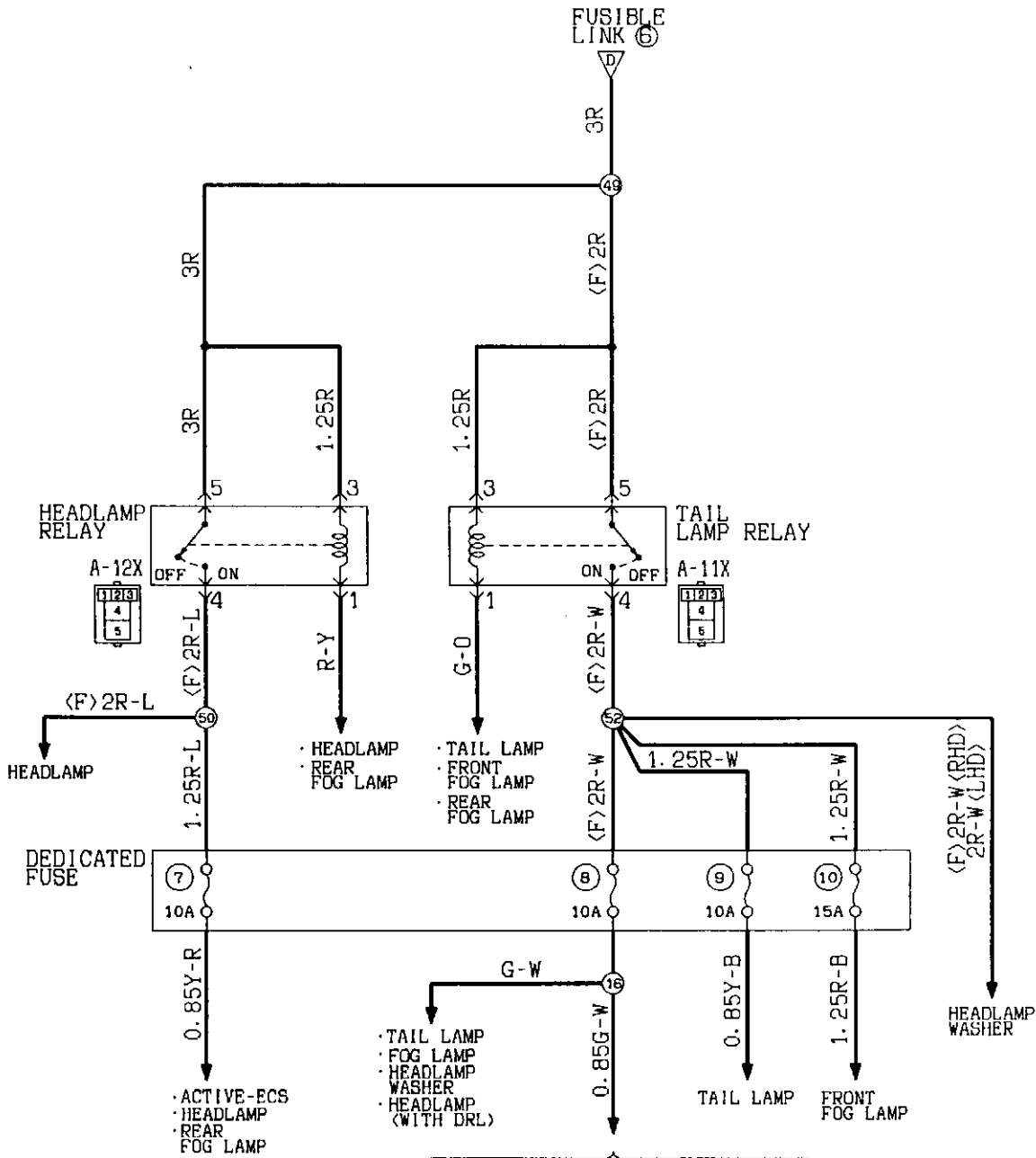




Remark  
 The above circuit diagram shows the current flow at the ignition key position "ACC", "ON" and "ST" combined.  
 Be sure trace the appropriate circuit depending on the ignition key position.



POWER DISTRIBUTION SYSTEM (CONTINUED)



- ACTIVE-ECS
- AUTO-CRUISE CONTROL SYSTEM
- CIGARETTE LIGHTER
- CLOCK
- DEFOGGER AND DOOR MIRROR HEATER
- ECS
- ELC 4-SPEED AUTOMATIC TRANSMISSION
- FULL AUTO AIR CONDITIONER
- FUZZY-TCL
- LIGHTING MONITOR BUZZER
- METER AND GAUGE
- MPI SYSTEM
- MANUAL AIR CONDITIONER
- RADIO AND TAPE PLAYER
- REAR WIPER WASHER
- SUNROOF
- TAIL LAMP
- TURN-SIGNAL LAMP AND HAZARD LAMP

Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

**STARTING SYSTEM <Vehicles without theft-alarm system>(See P. 4A-20, 21.)****OPERATION****<Petrol-powered vehicles>**

- On vehicles with automatic transmission, Placing the ignition switch in the ST position with the selector lever in P or N position causes the starter contacts (magnet switch) to close energizing the starter motor.

**<Diesel-powered vehicles>**

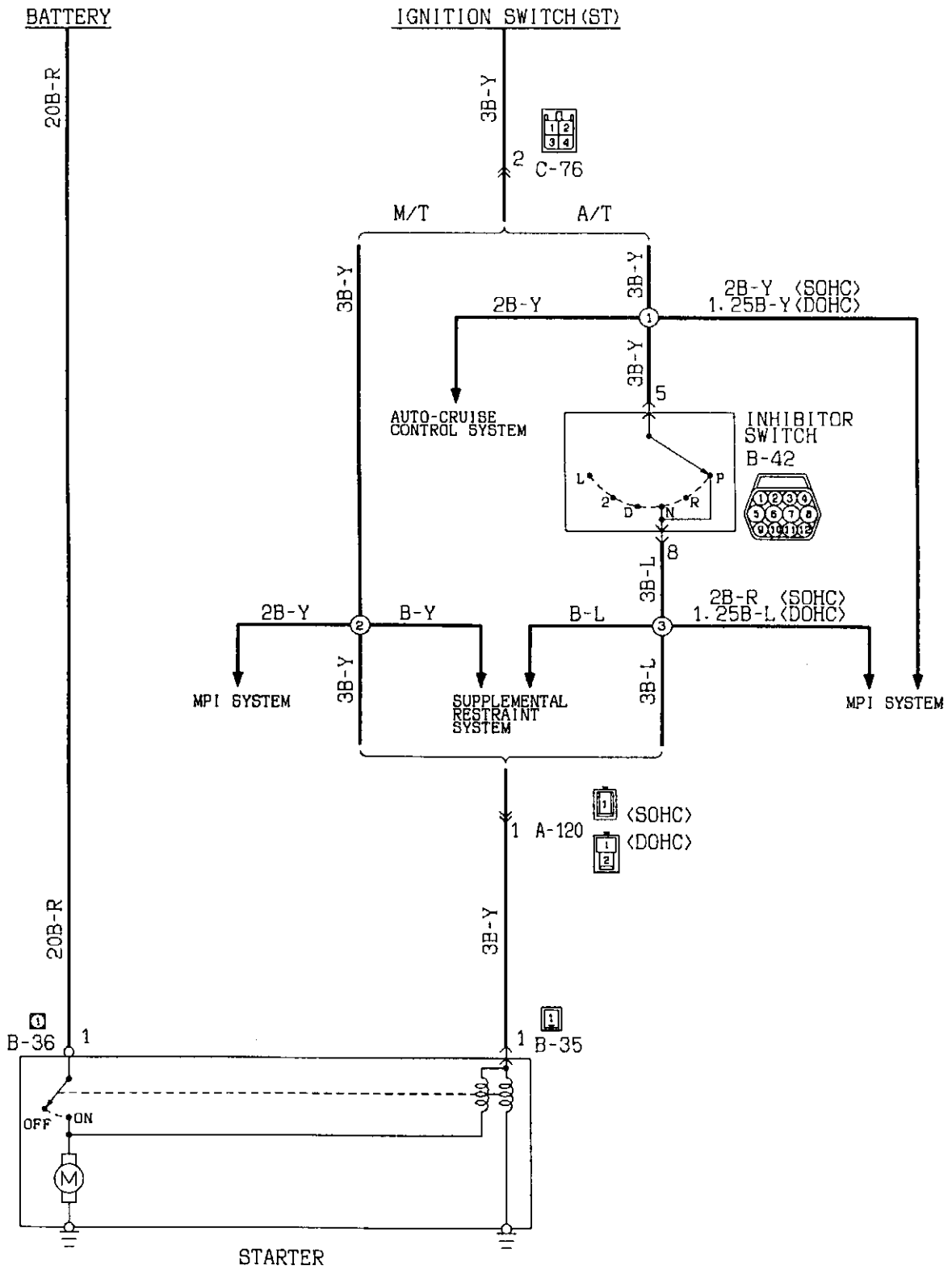
- When the ignition switch is turned to the "ST" position, the starter relay becomes on. This will turn on the contacts of the starter (magnetic switch) to revolve the starter motor.

**TROUBLESHOOTING HINTS**

1. Starter motor does not turn over at all.
  - Check starter (coil).
  - Check battery terminals for proper contact.
  - Starter relay inspection (diesel-powered vehicle).
  - Check inhibitor switch <A/T>.
2. Starter motor does not stop rotating.
  - Check starter (magnet switch).

# STARTING SYSTEM

Petrol-powered vehicles without Theft-Alarm system

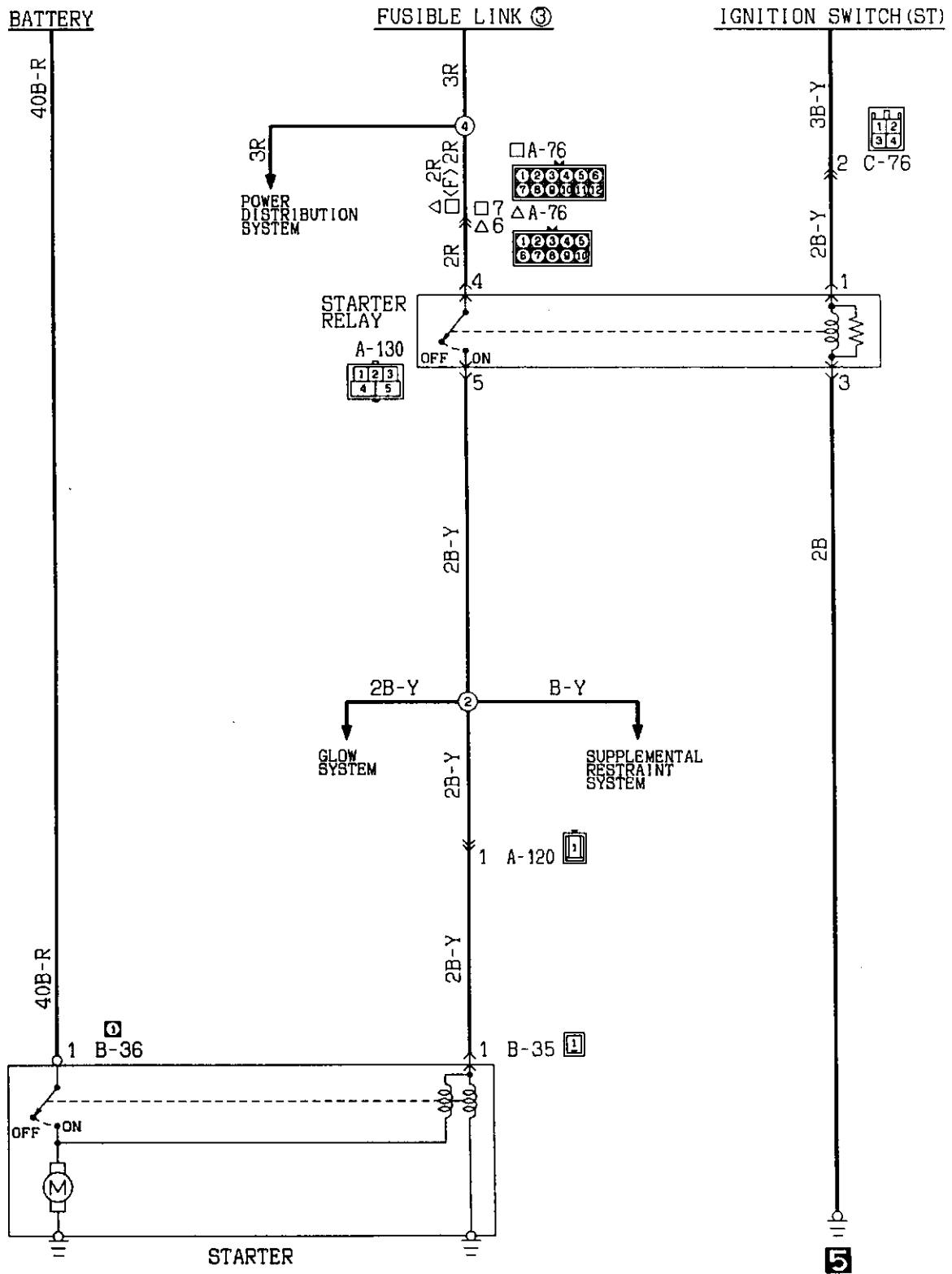


Wire colour code

B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

STARTING SYSTEM

Diesel-powered vehicles without Theft-Alarm system



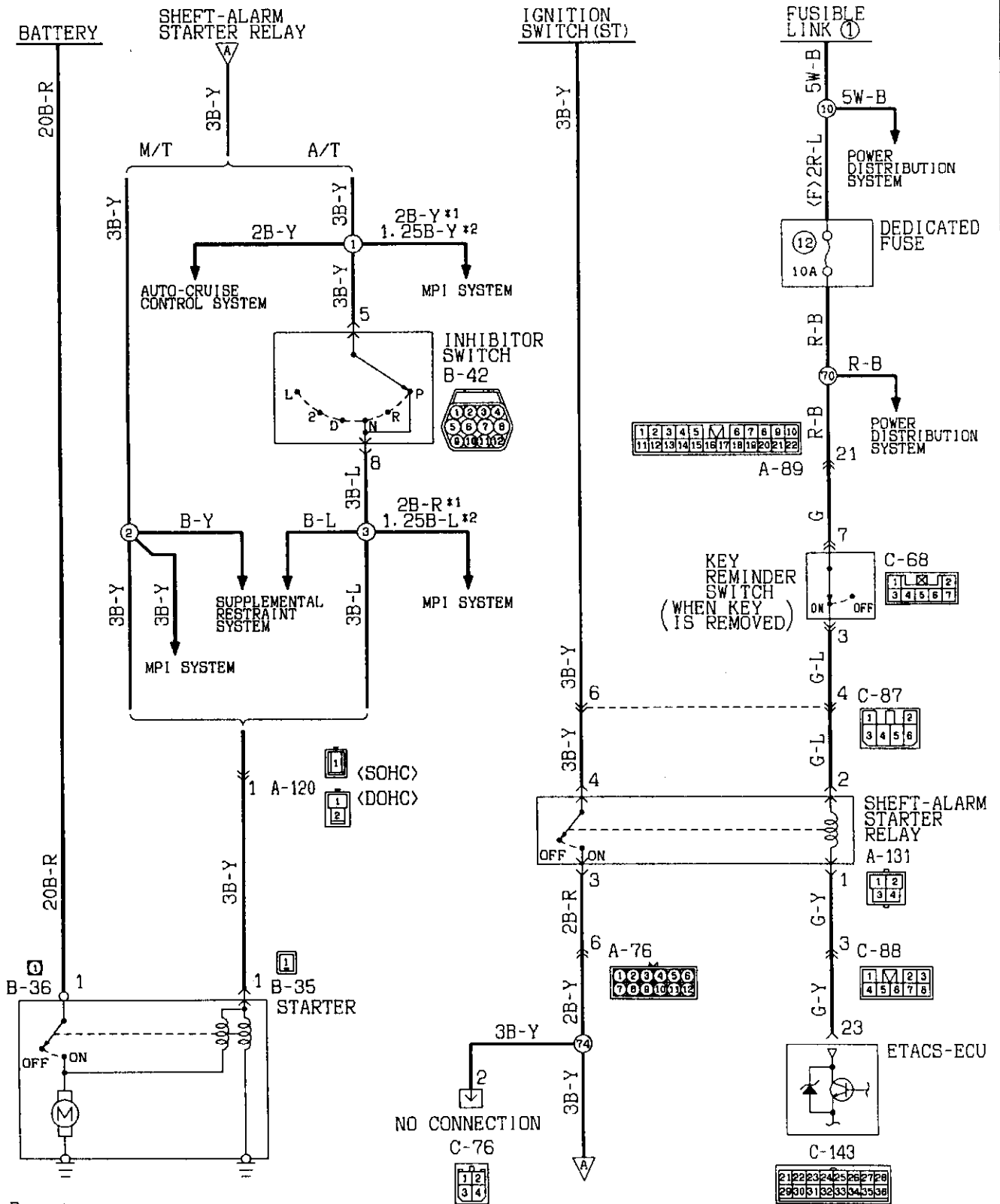
Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.

Wire colour code  
 B:Black LG:Light green G:Green L:Blue  
 BR:Brown O:Orange GR:Gray R:Red  
 W:White SB:Sky blue P:Pink Y:Yellow  
 V:Violet

KX35-AC-F0204-EC

# STARTING SYSTEM

Petrol-powered vehicles with Theft-Alarm system



Remarks  
 (1) \*1: SOHC  
 (2) \*2: DOHC

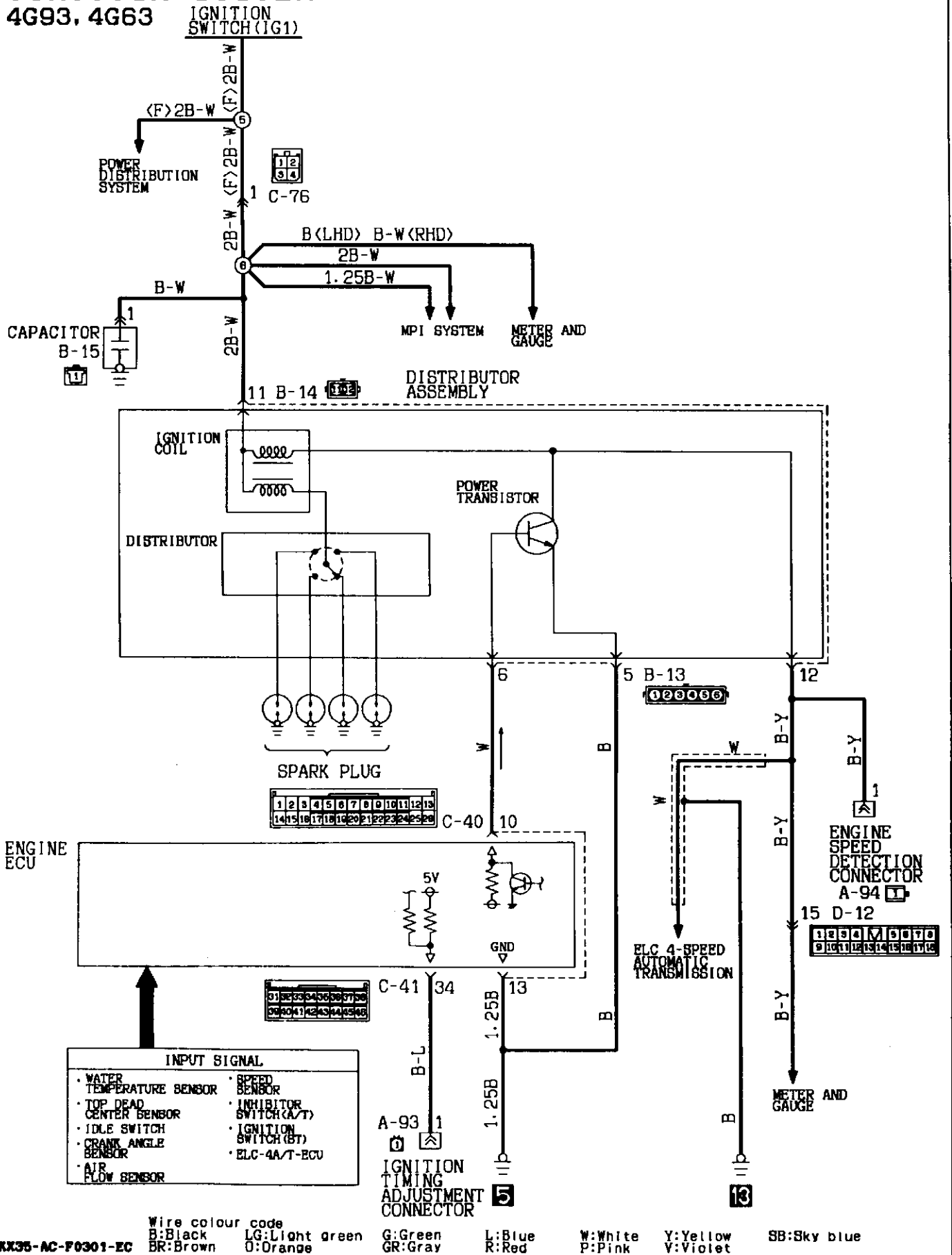
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 BR: Brown D: Orange GR: Gray R: Red P: Pink V: Violet

KX35-AC-F0205-EC



**NOTES**

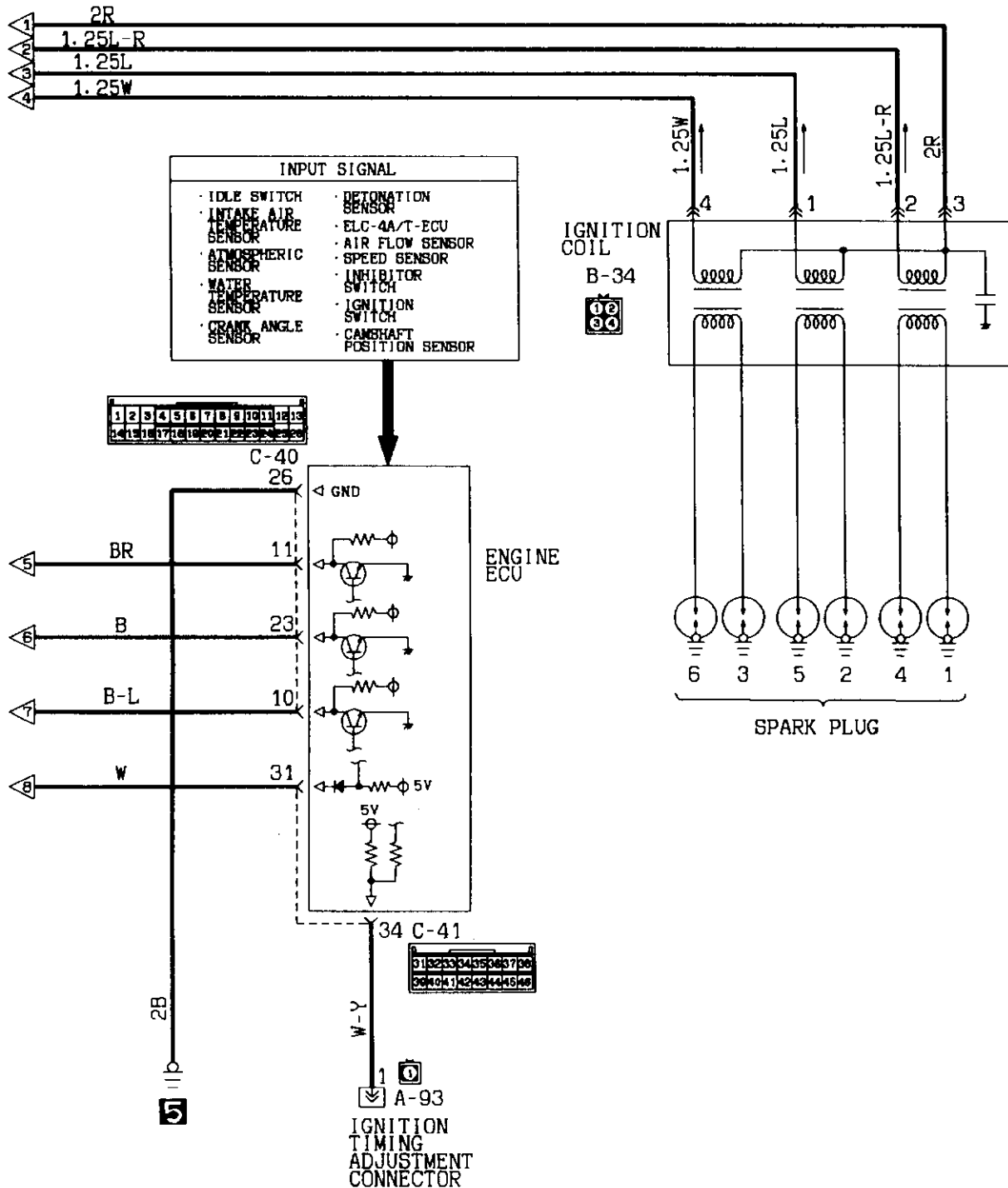
**IGNITION SYSTEM**  
4G93, 4G63



KX35-AC-F0301-EC

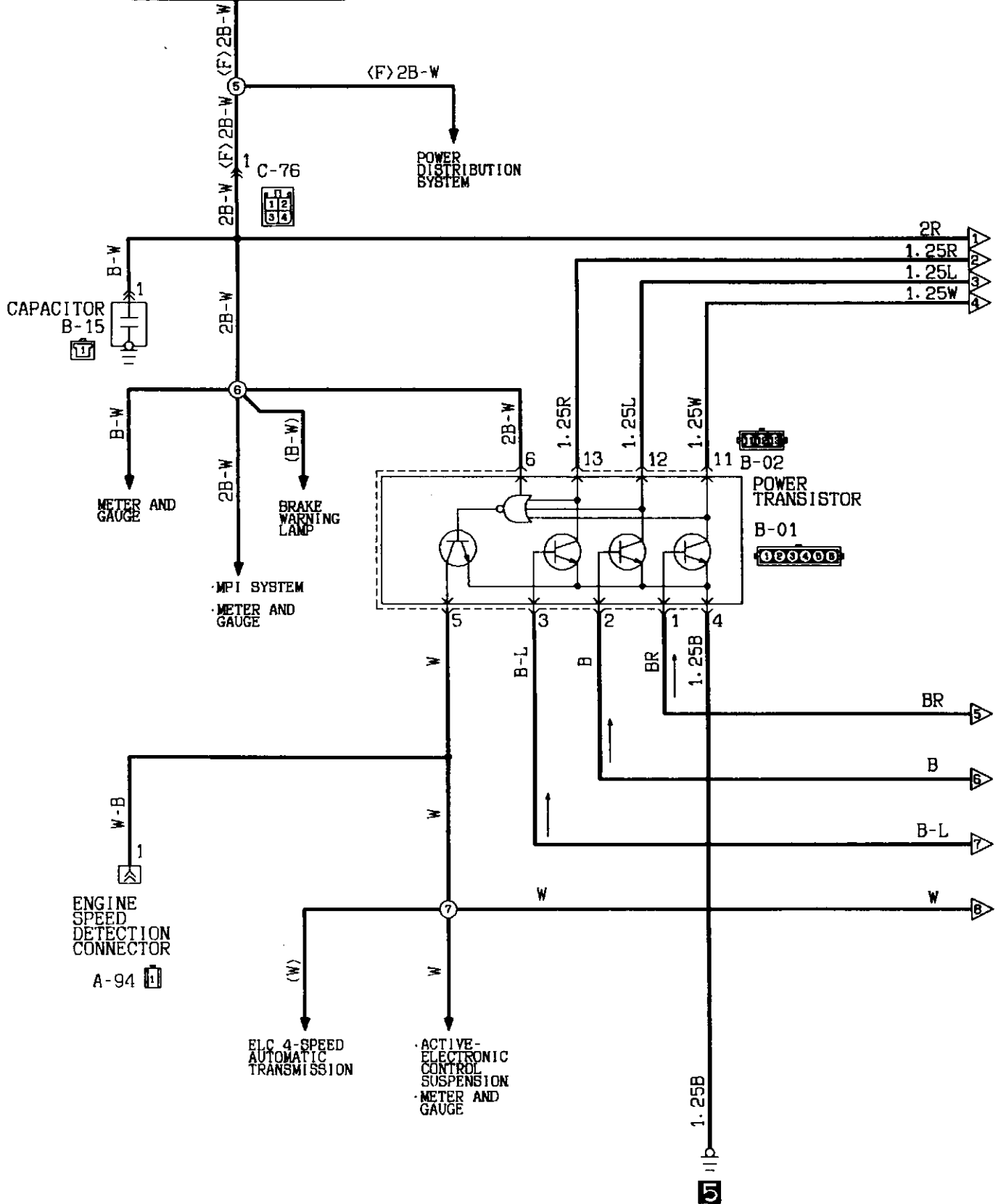






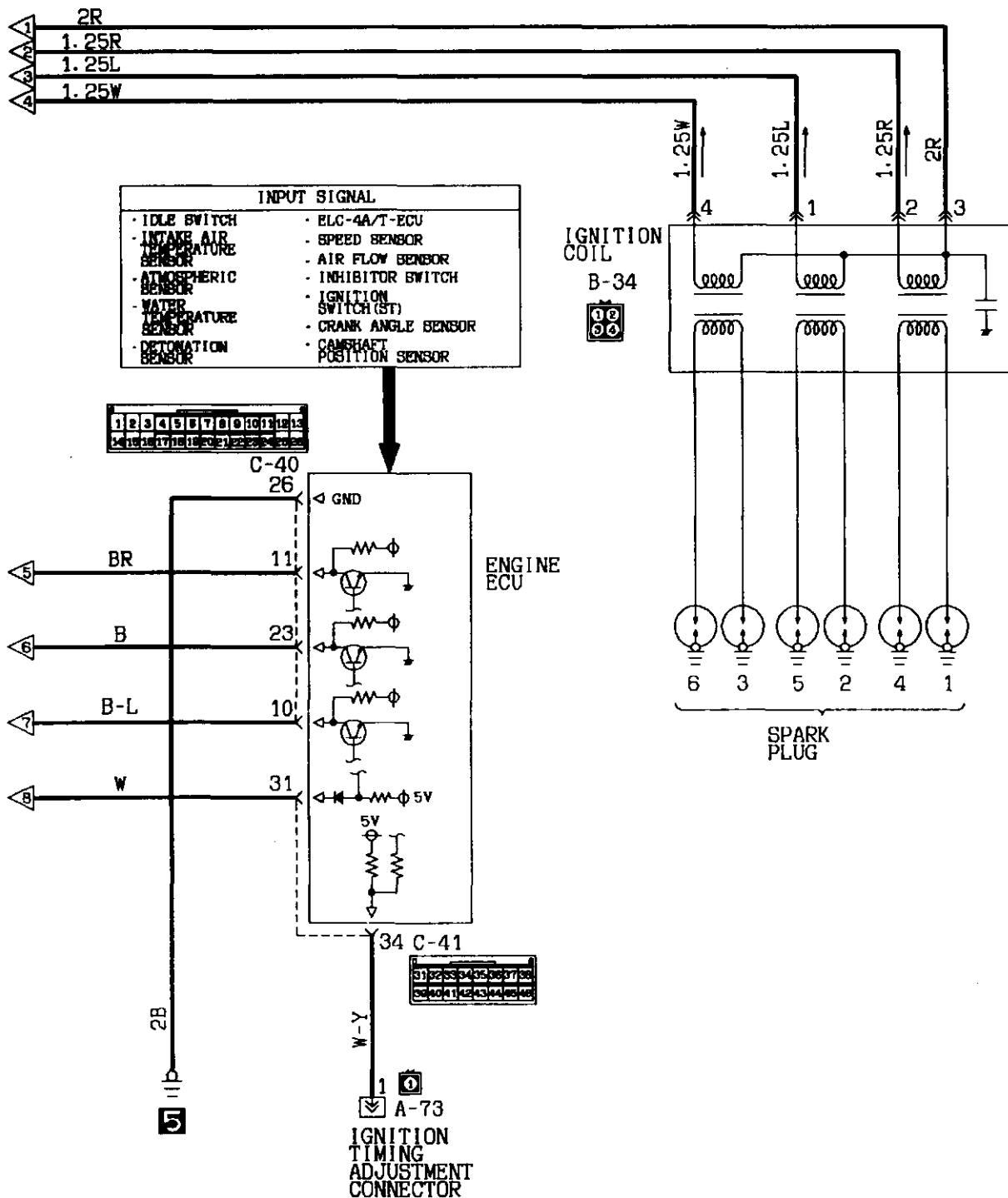
**IGNITION SYSTEM**  
6A12, 6G73 (R. H. drive vehicles)

IGNITION SWITCH (IG1)

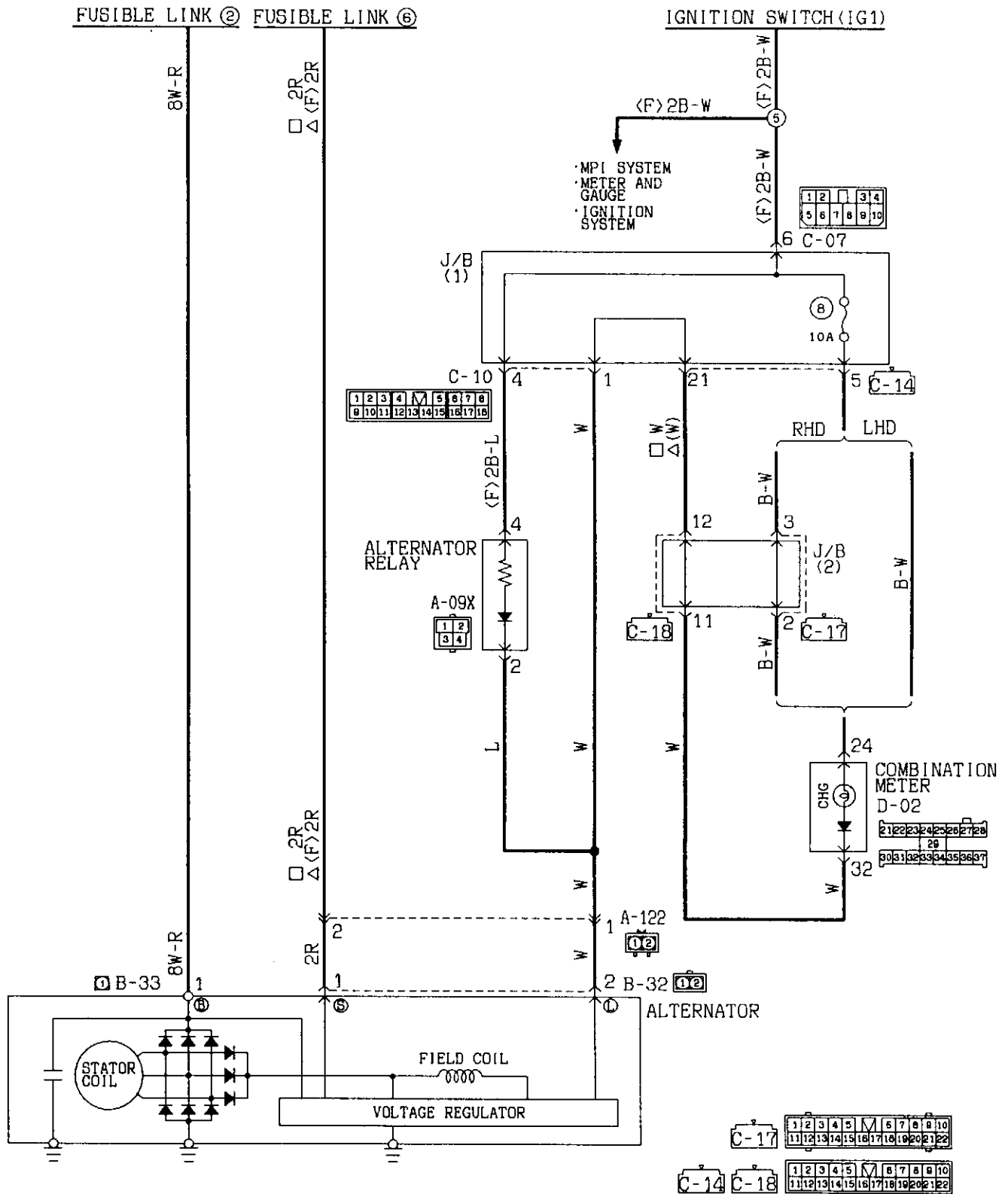


Wire colour code  
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KX35-AC-F0303-EC



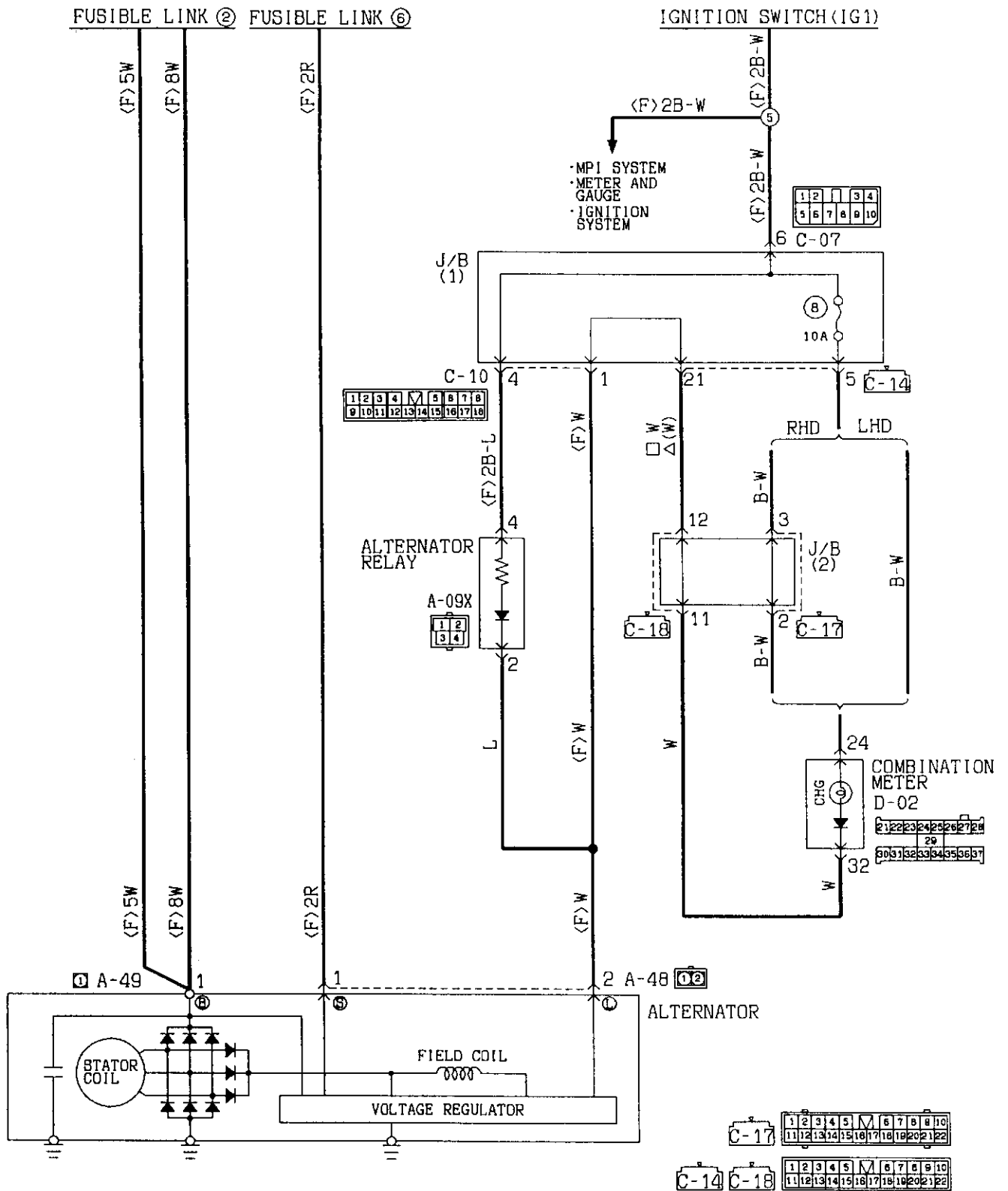
CHARGING SYSTEM  
4G93



Wire colour code  
 B:Black      LG:Light green      G:Green      L:Blue  
 BR:Brown    O:Orange              GR:Gray      R:Red  
 W:White      SB:Sky blue            P:Pink        Y:Yellow  
 V:Violet

Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.

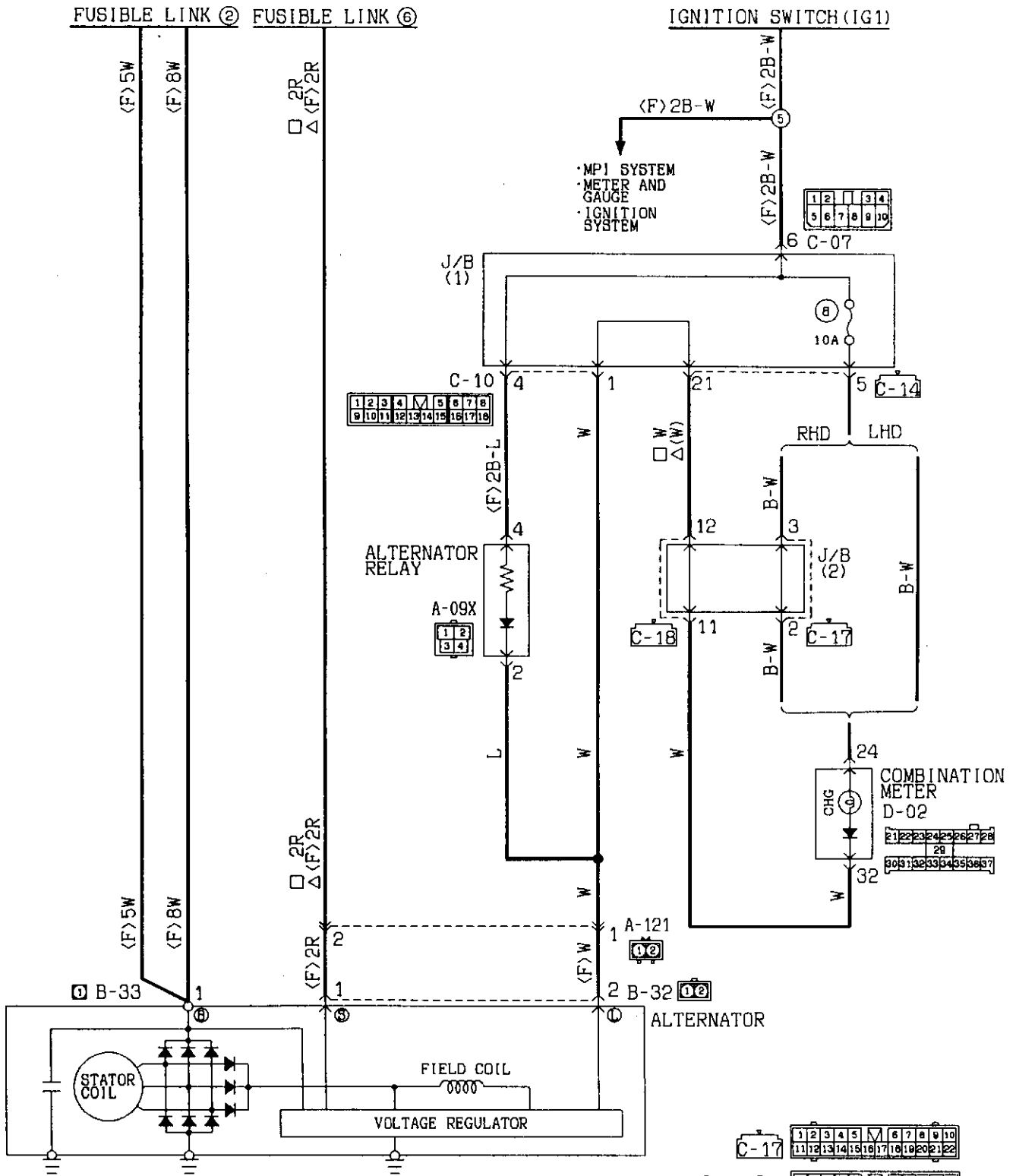
CHARGING SYSTEM  
4G63



Wire colour code  
 B:Black LG:Light green G:Green L:Blue  
 BR:Brown O:Orange GR:Gray R:Red  
 W:White SB:Sky blue P:Pink Y:Yellow  
 V:Violet

Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.

CHARGING SYSTEM  
6A12



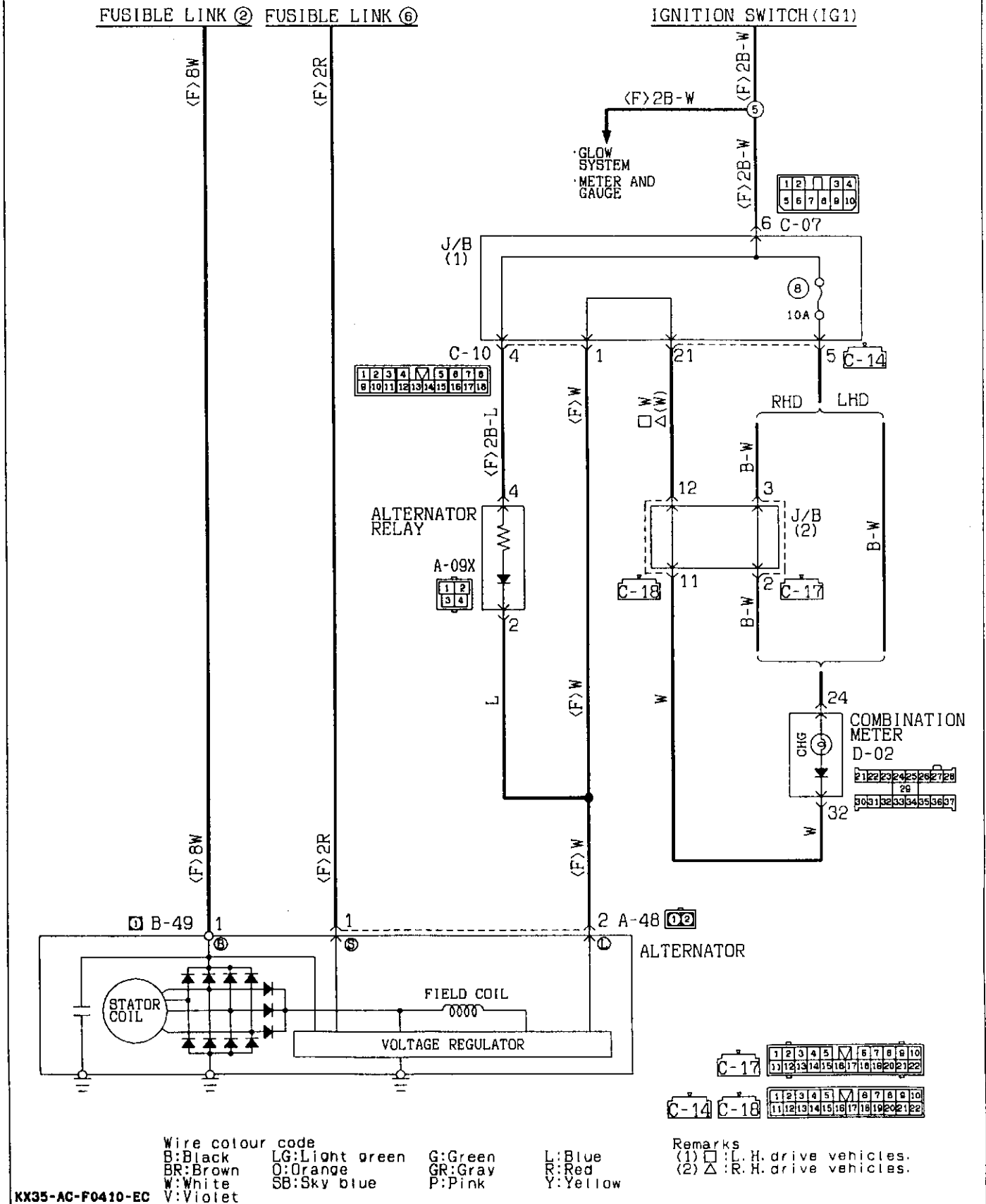
Wire colour code  
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 BR:Brown    O:Orange    GR:Gray    R:Red  
 W:White    SB:Sky blue    P:Pink    Y:Yellow  
 V:Violet

Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.





CHARGING SYSTEM  
4D68



Wire colour code  
 B:Black    LG:Light green    G:Green    L:Blue  
 BR:Brown    O:Orange    GR:Gray    R:Red  
 W:White    SB:Sky blue    P:Pink    Y:Yellow  
 V:Violet

Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.

**CHARGING SYSTEM (See P. 4A-30, 31, 32, 33, 34.)****OPERATION****When engine is stationary**

- When the ignition switch is turned to the ON position, current flows from the alternator L terminal to the field coil and, at the same time, the charge warning lamp lights up.

**When engine is started and after engine has started**

- When the engine is started, the charge warning lamp goes out because of the charging voltage being applied to the alternator L terminal.
- The battery voltage being applied to the alternator S terminal is monitored by the IC voltage regulator. Hence, the amount of electricity produced by the alternator is controlled by allowing and cutting off the current flowing to the field coil.
- The alternator B terminal supplies power to each load.

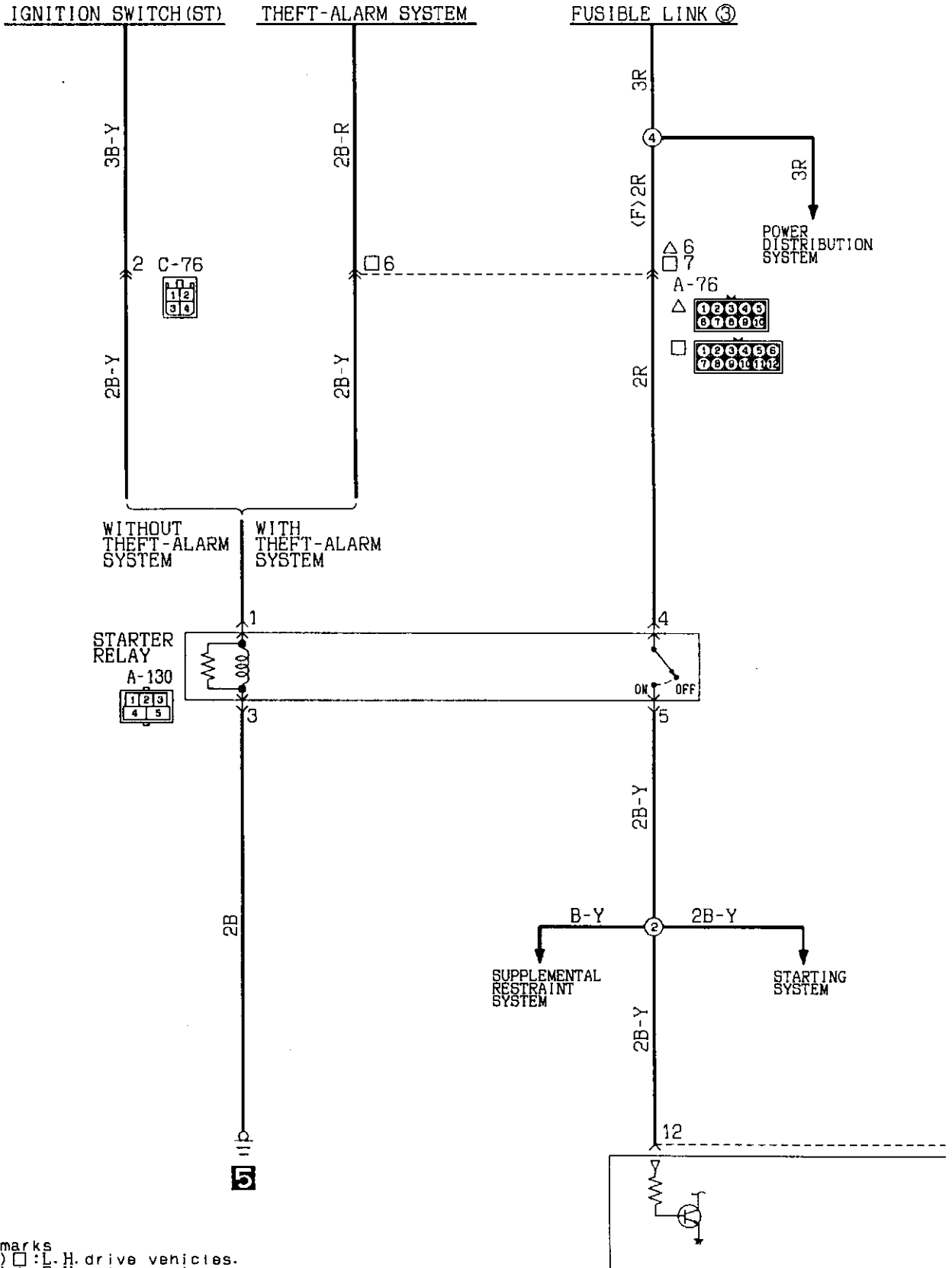
**Remarks**

- The alternator relay is provided to back up the flow of current to the field coil when the charge warning lamp is open.

**TROUBLESHOOTING HINTS**

1. Charging indicator lamp does not go on when the ignition switch is turned to "ON", before the engine starts.
  - Check the bulb.
2. Charging indicator lamp fails to go off once the engine starts.
  - Check IC voltage regulator of alternator.
3. Discharged or overcharged battery.
  - Check IC voltage regulator of alternator.
4. Charge warning lamp lights up dimly.
  - Check combination meter diode (for short).

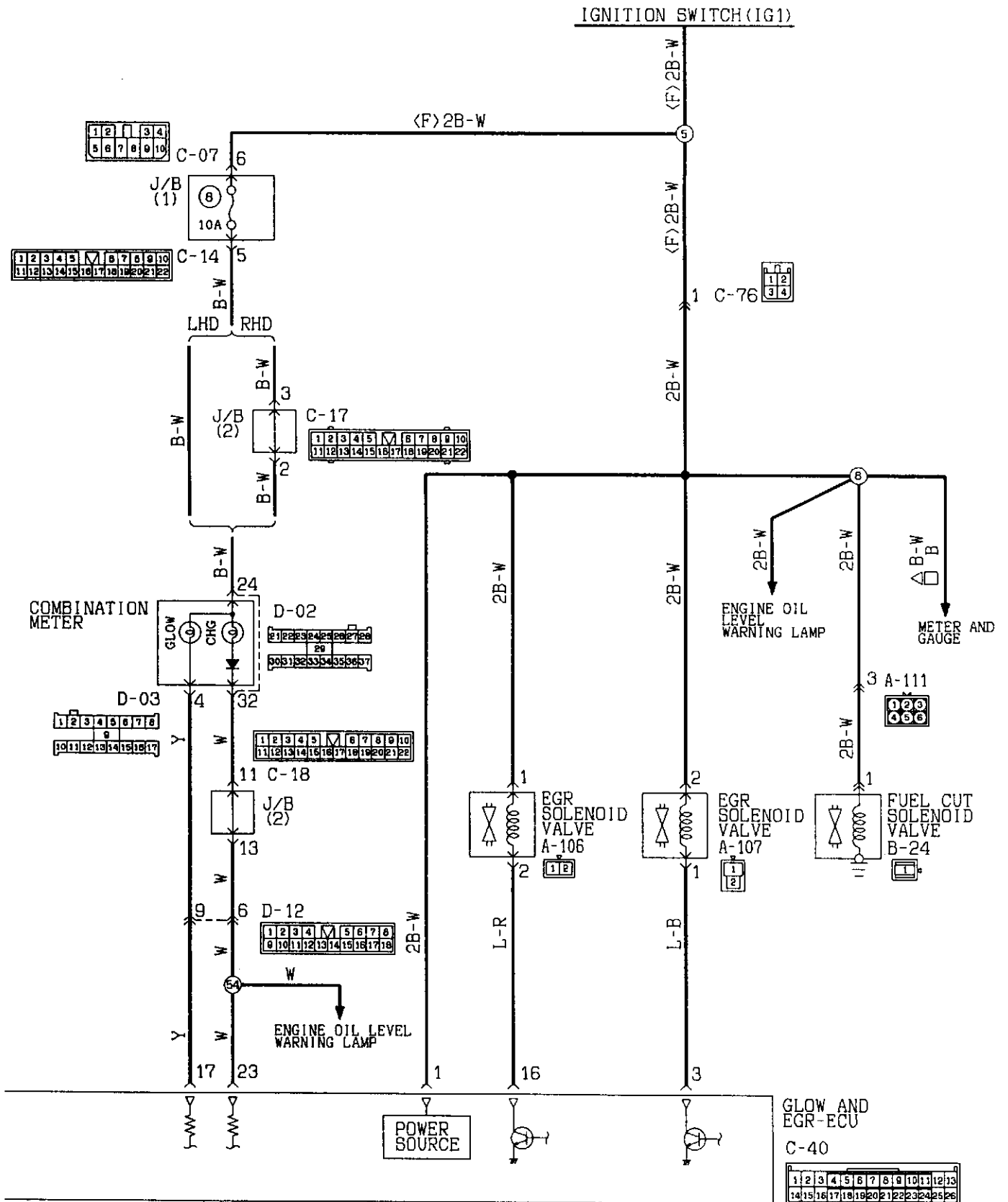
GLOW SYSTEM



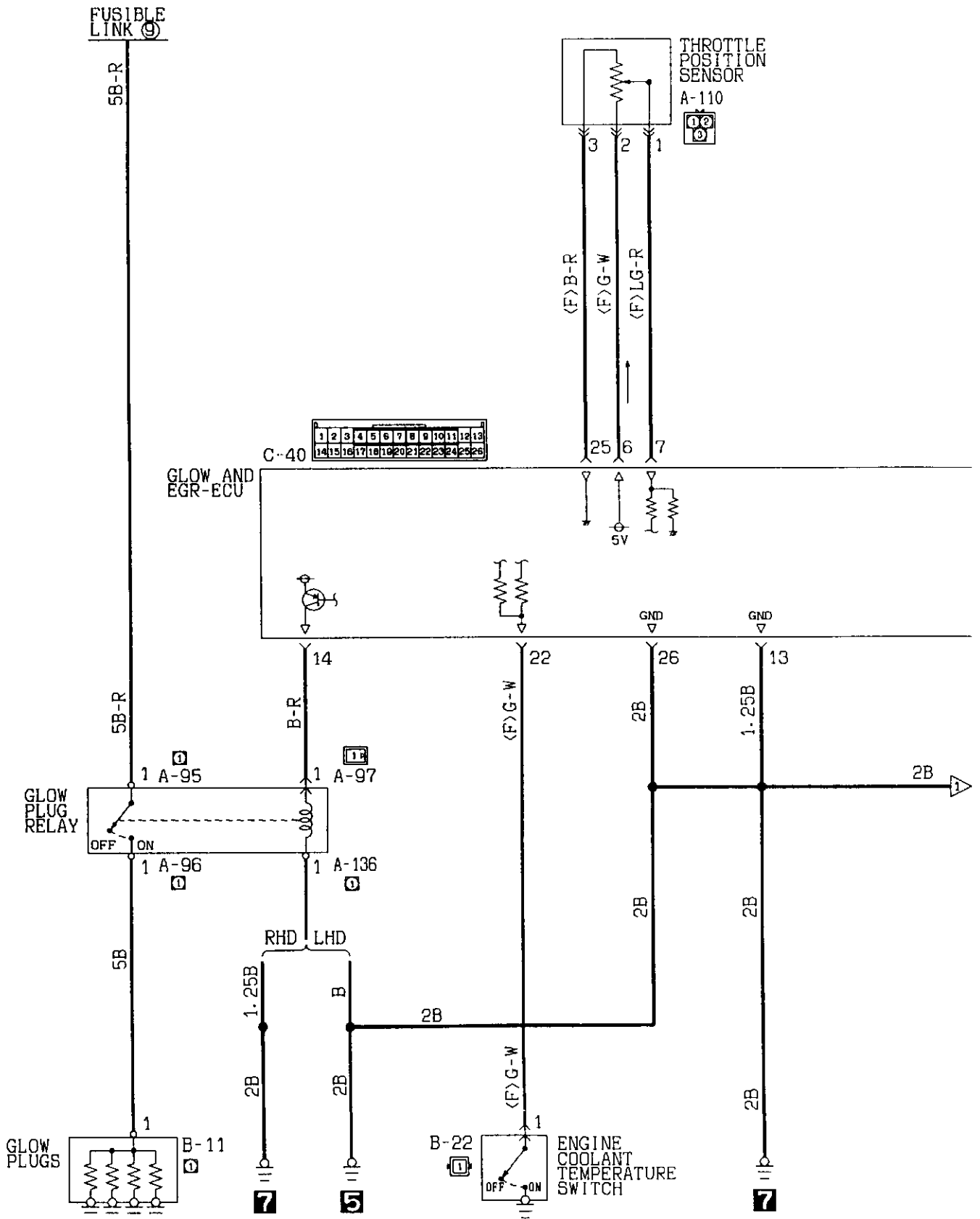
Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.

Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

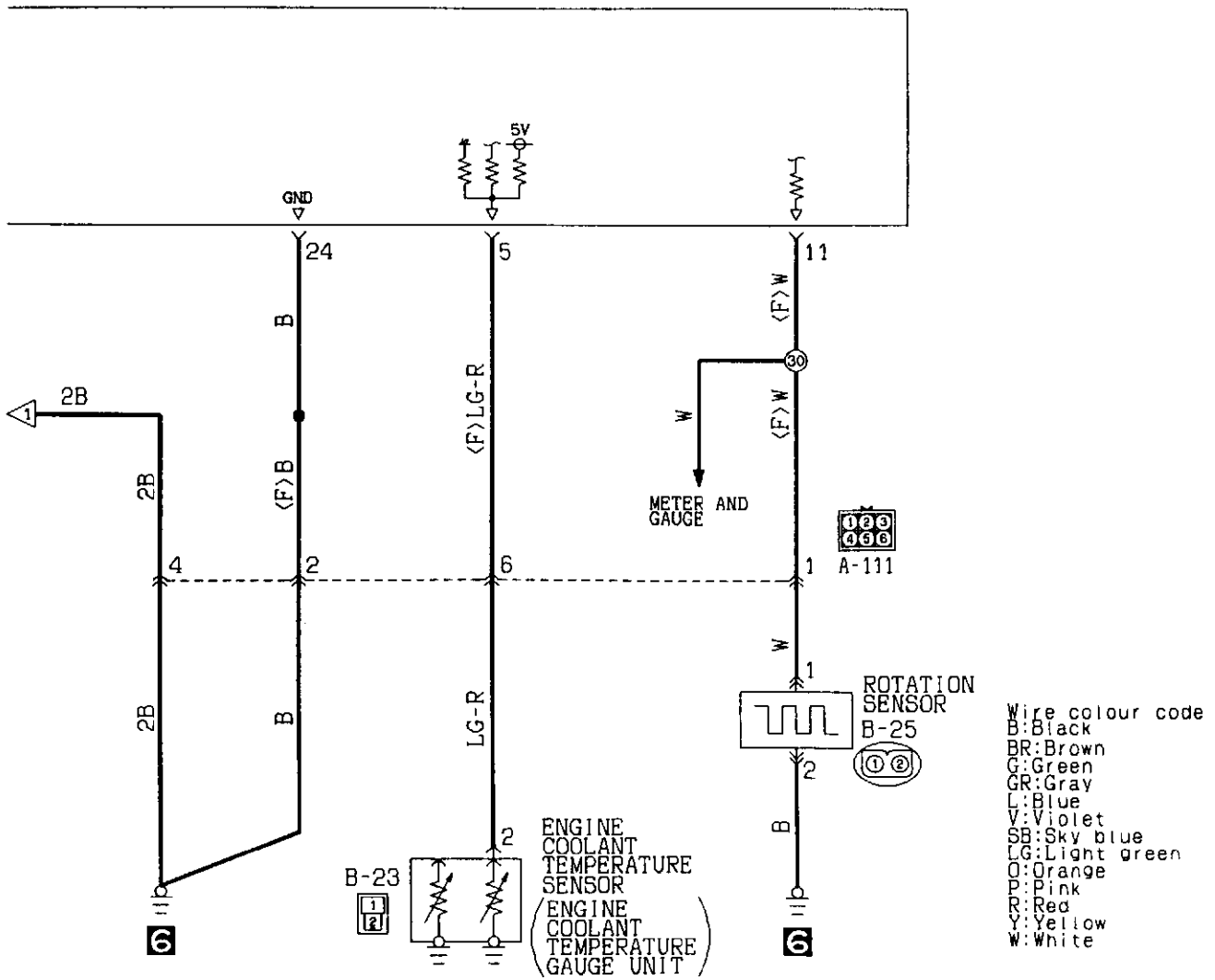
KX35-AC-F0504-EC



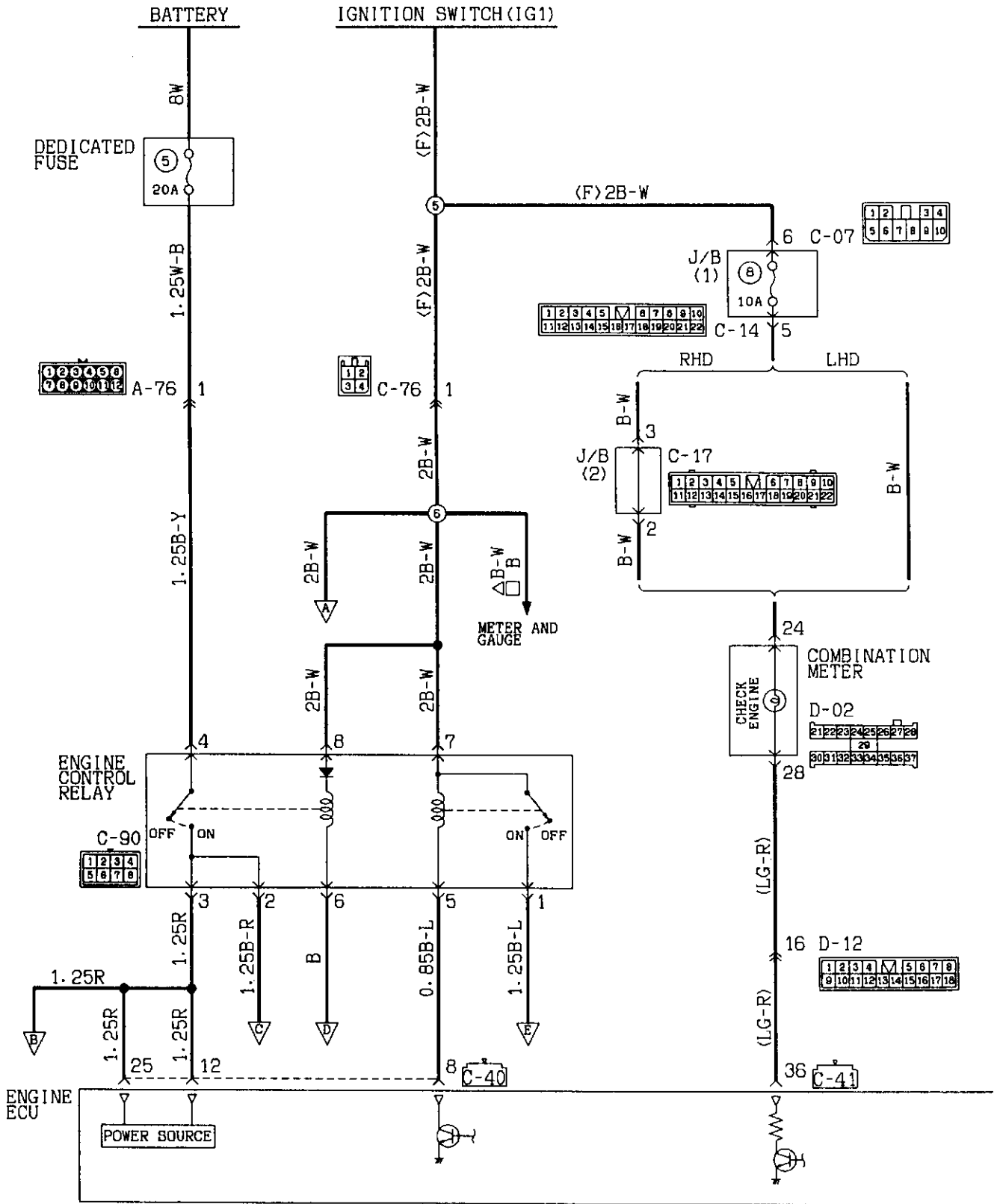
GLOW SYSTEM (CONTINUED)



KX35-AC-F0504A-EC

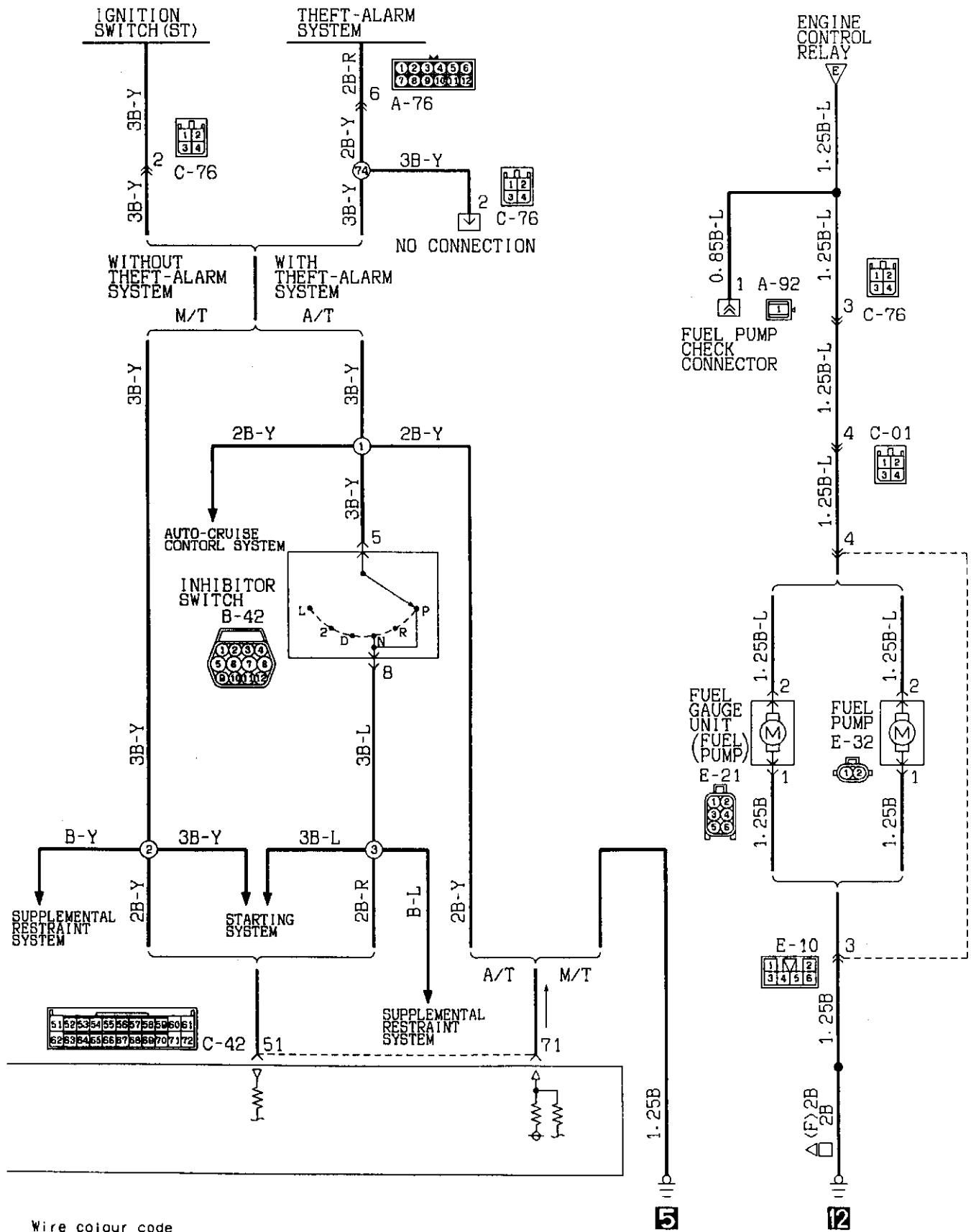


MPI SYSTEM  
4G93, 4G63



Remarks  
(1) □ : L. H. drive vehicles.  
(2) △ : R. H. drive vehicles.

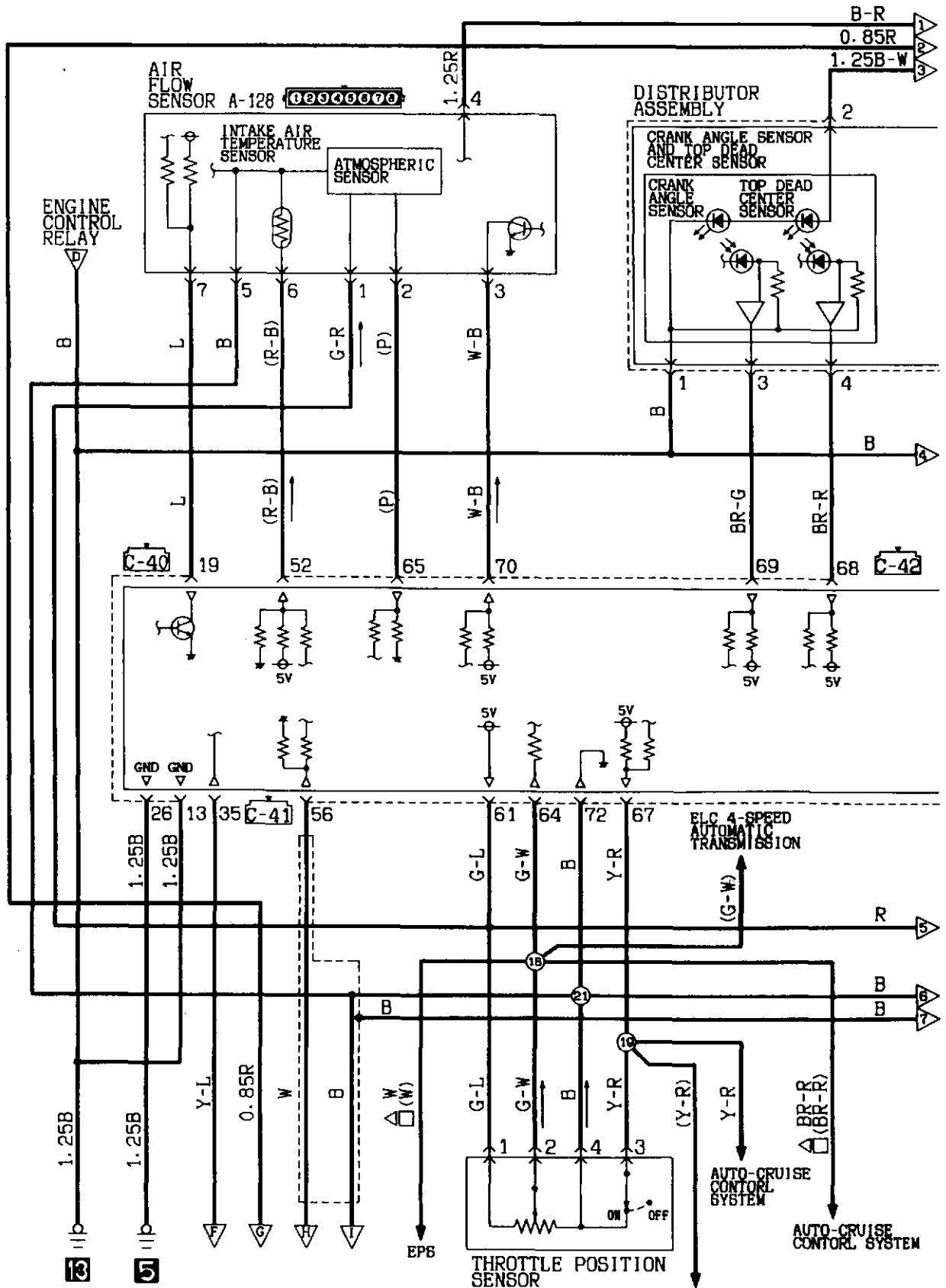




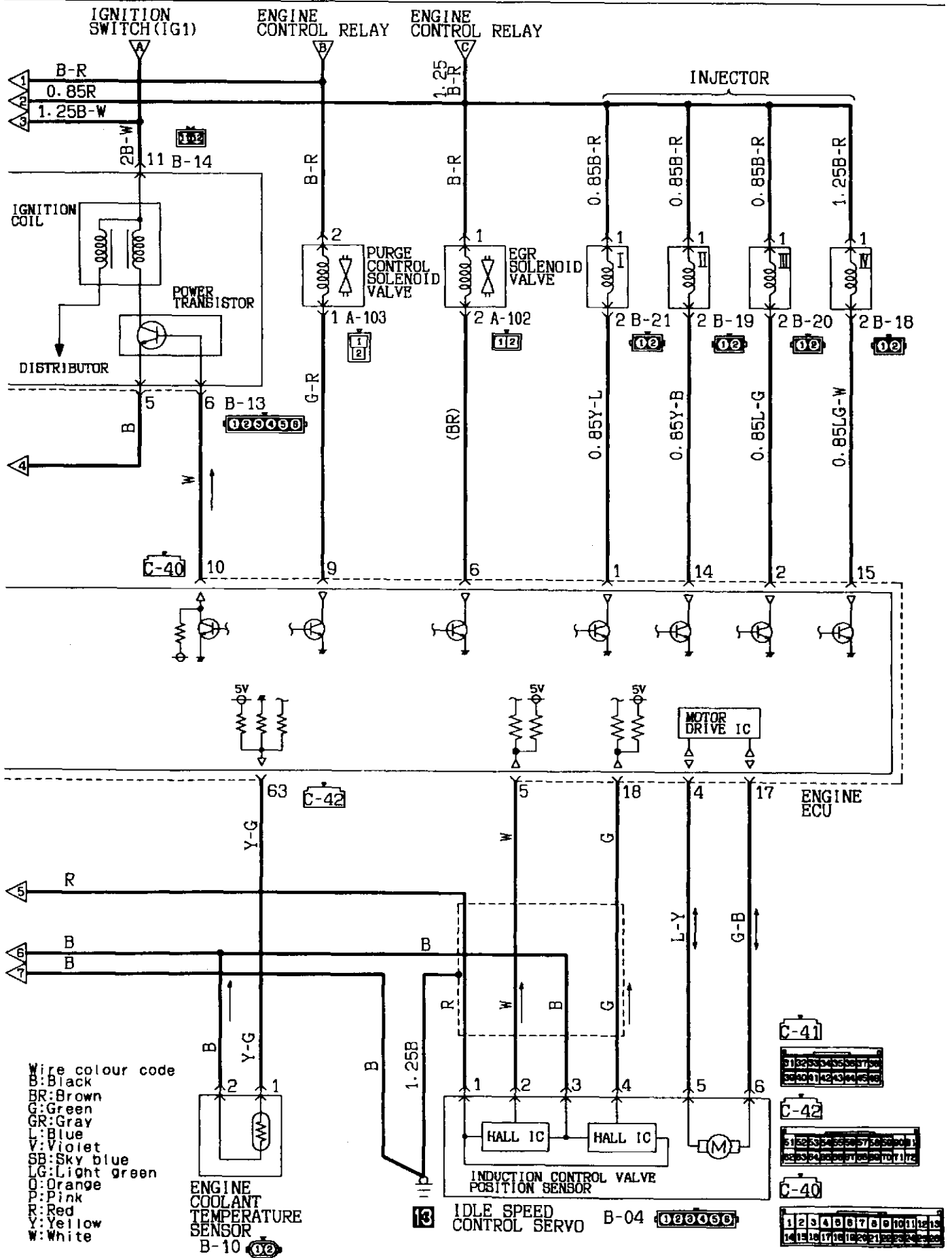
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



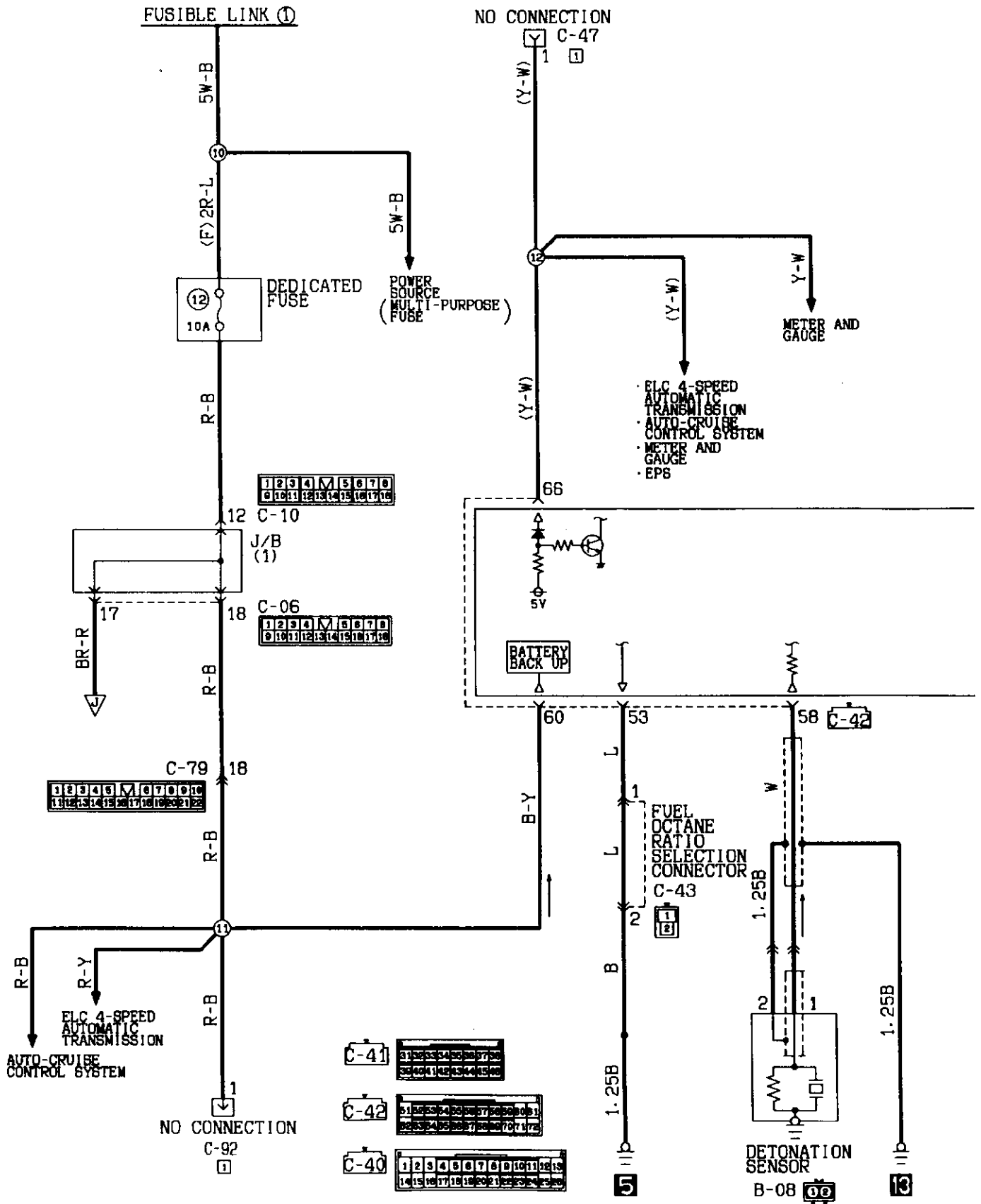
MPI SYSTEM <4G93, 4G63> (CONTINUED)



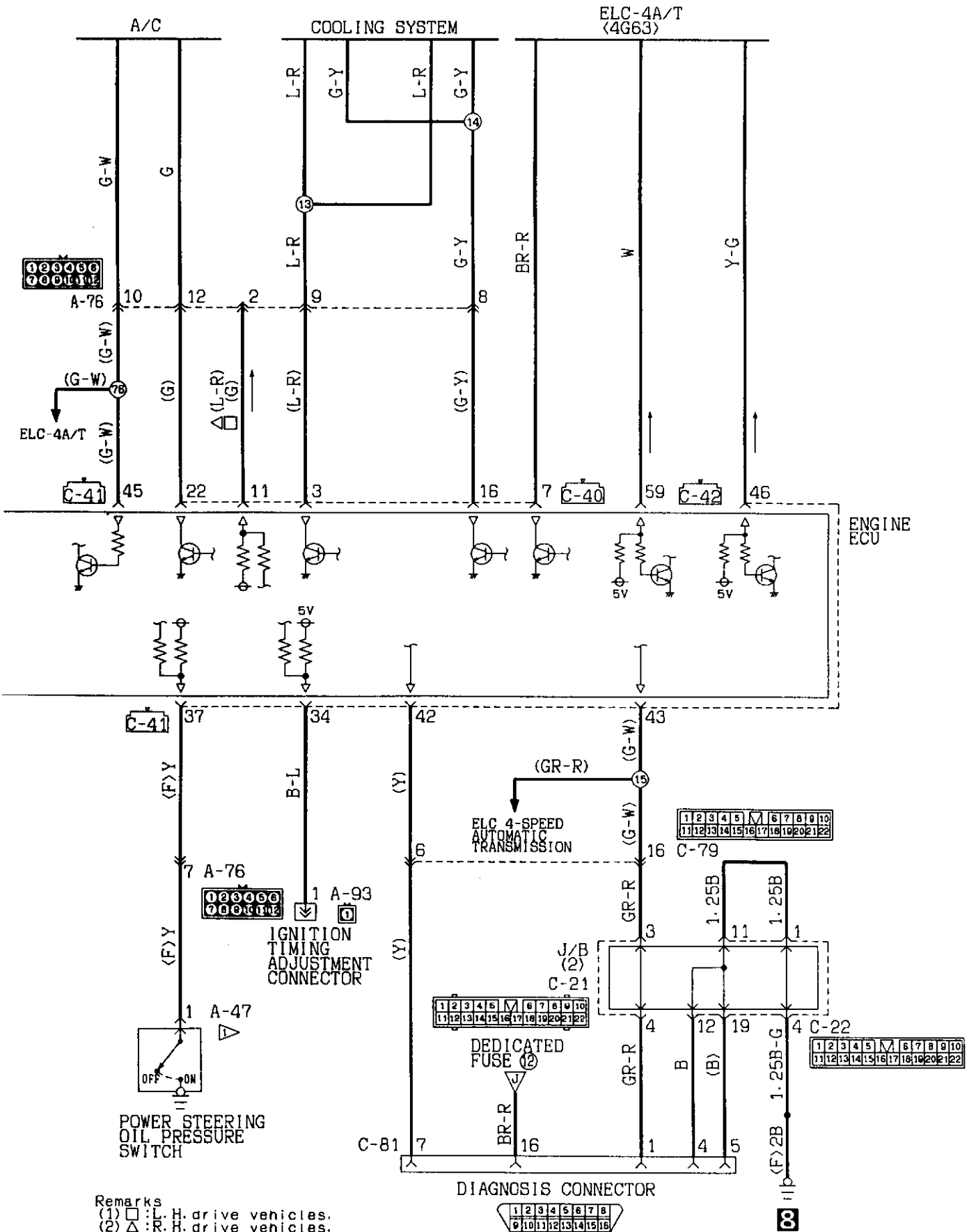
Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.



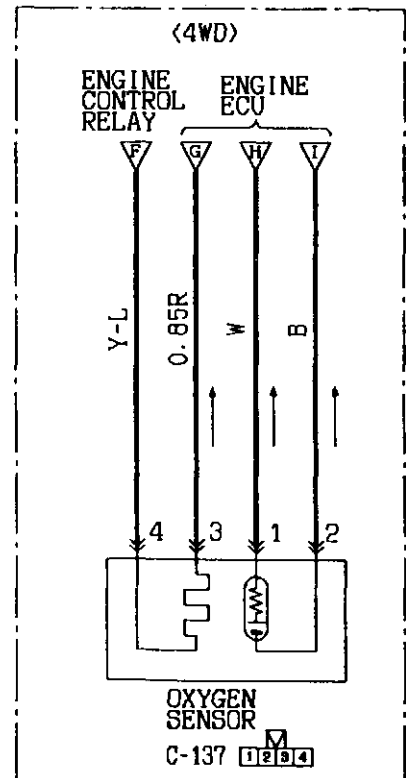
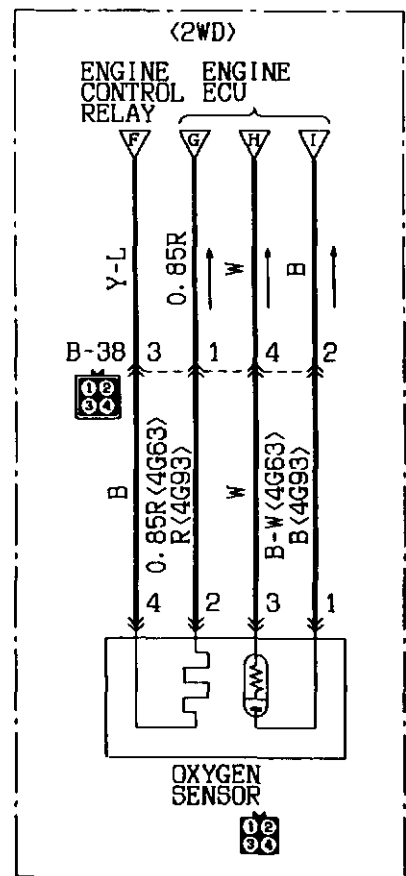
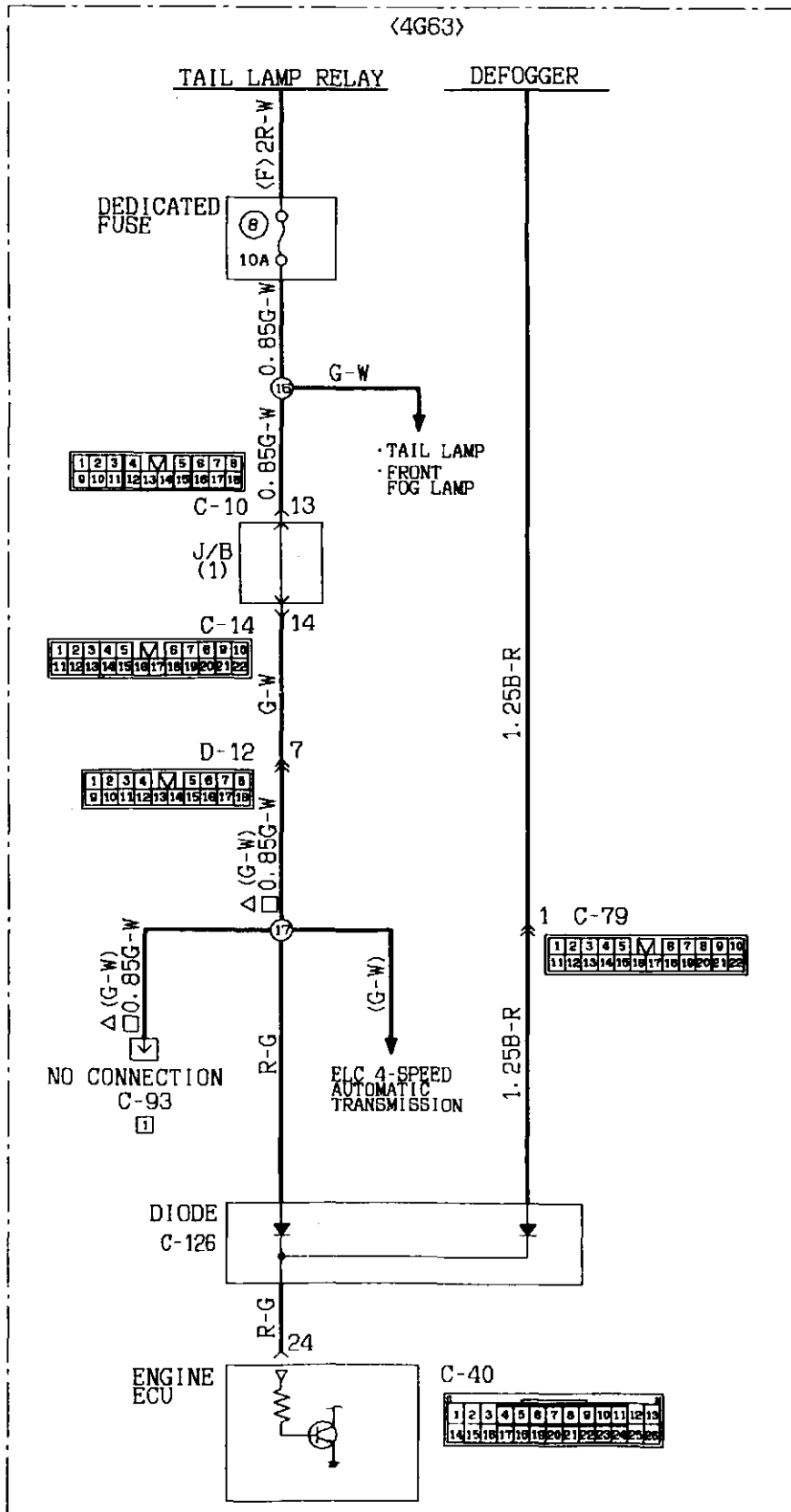
MPI SYSTEM <4G93, 4G63> (CONTINUED)



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



MPI SYSTEM <4G93, 4G63> (CONTINUED)



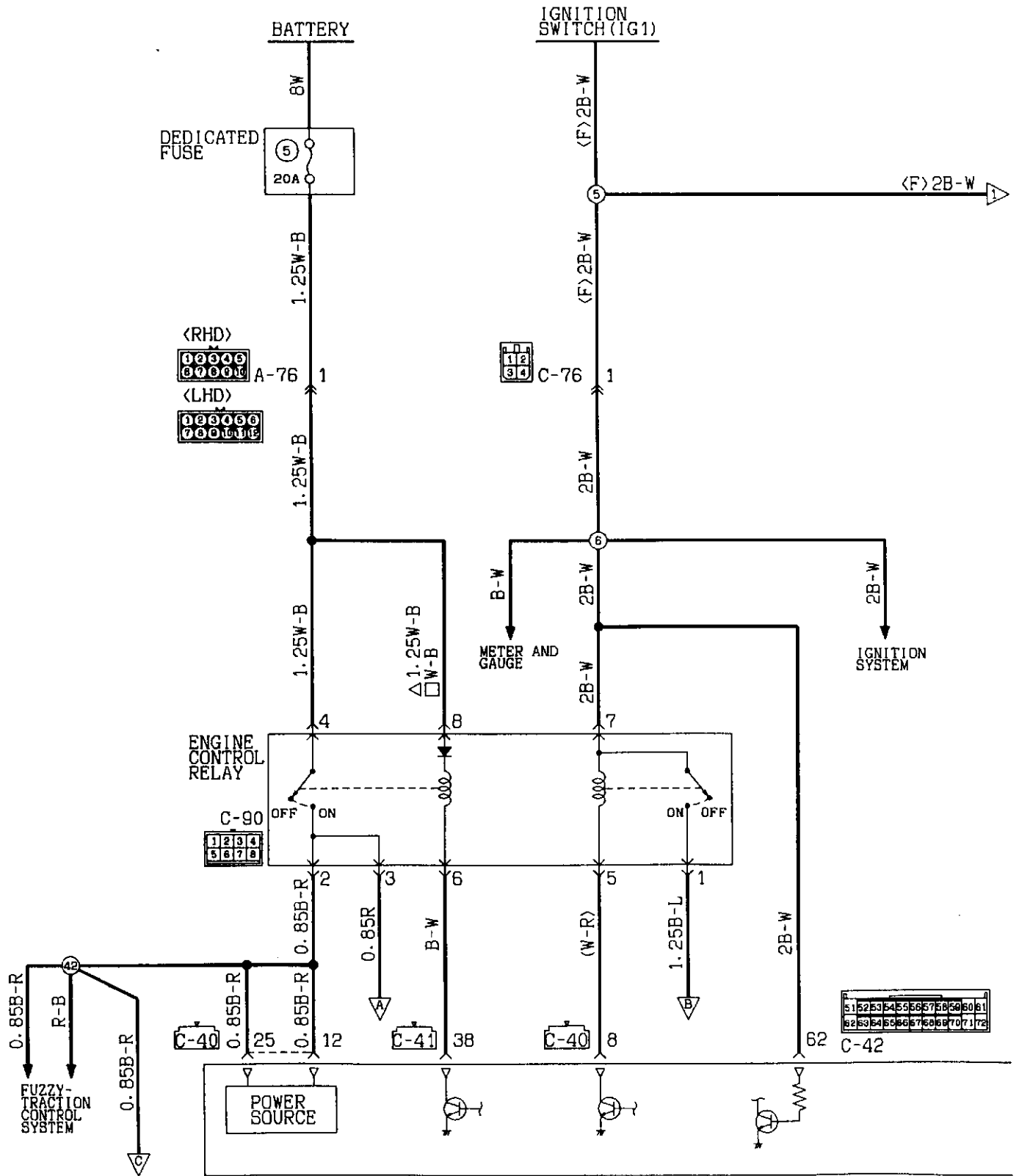
Remarks  
 (1) □: L.H. drive Vehicles.  
 (2) Δ: R.H. drive Vehicles.

Wire colour code  
 B: Black LG: Light green G: Green  
 BR: Brown O: Orange GR: Gray  
 W: White SB: Sky blue P: Pink  
 V: Violet

L: Blue  
 R: Red  
 Y: Yellow

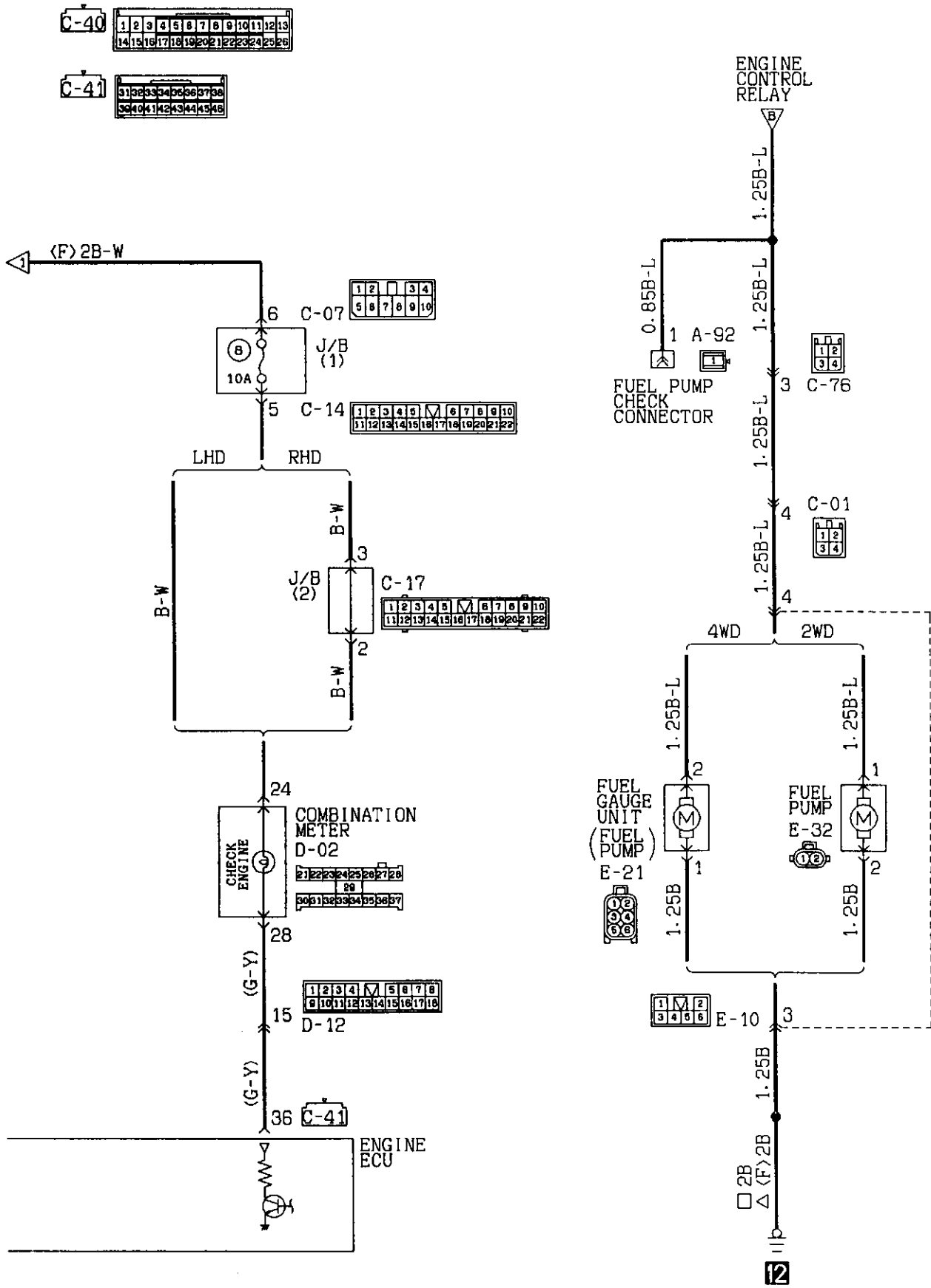
NOTES

MPI SYSTEM  
6A12, 6G73



Remarks  
(1) □: L. H. drive vehicles.  
(2) △: R. H. drive vehicles.

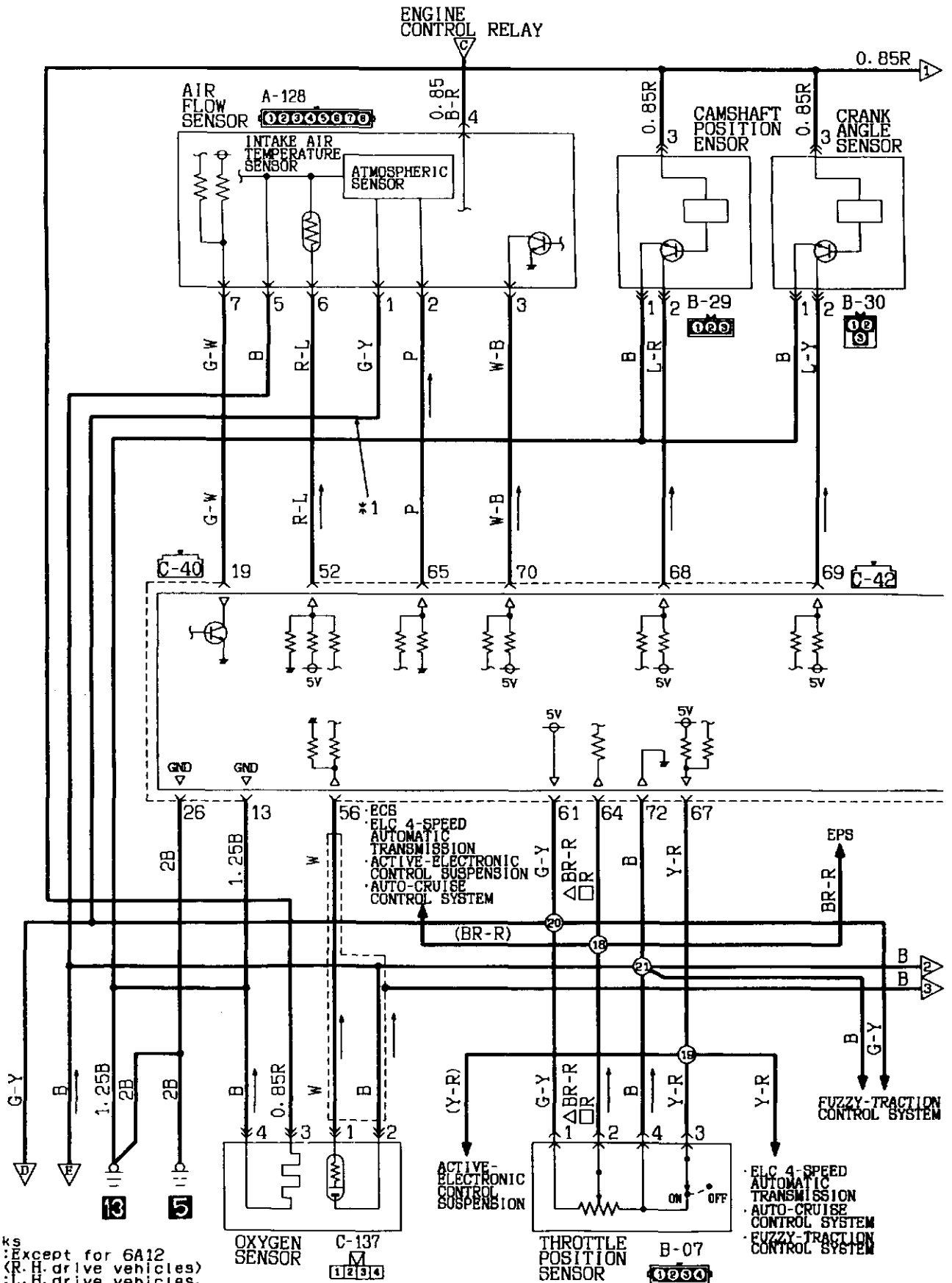
KX35-AC-F0508-EC



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

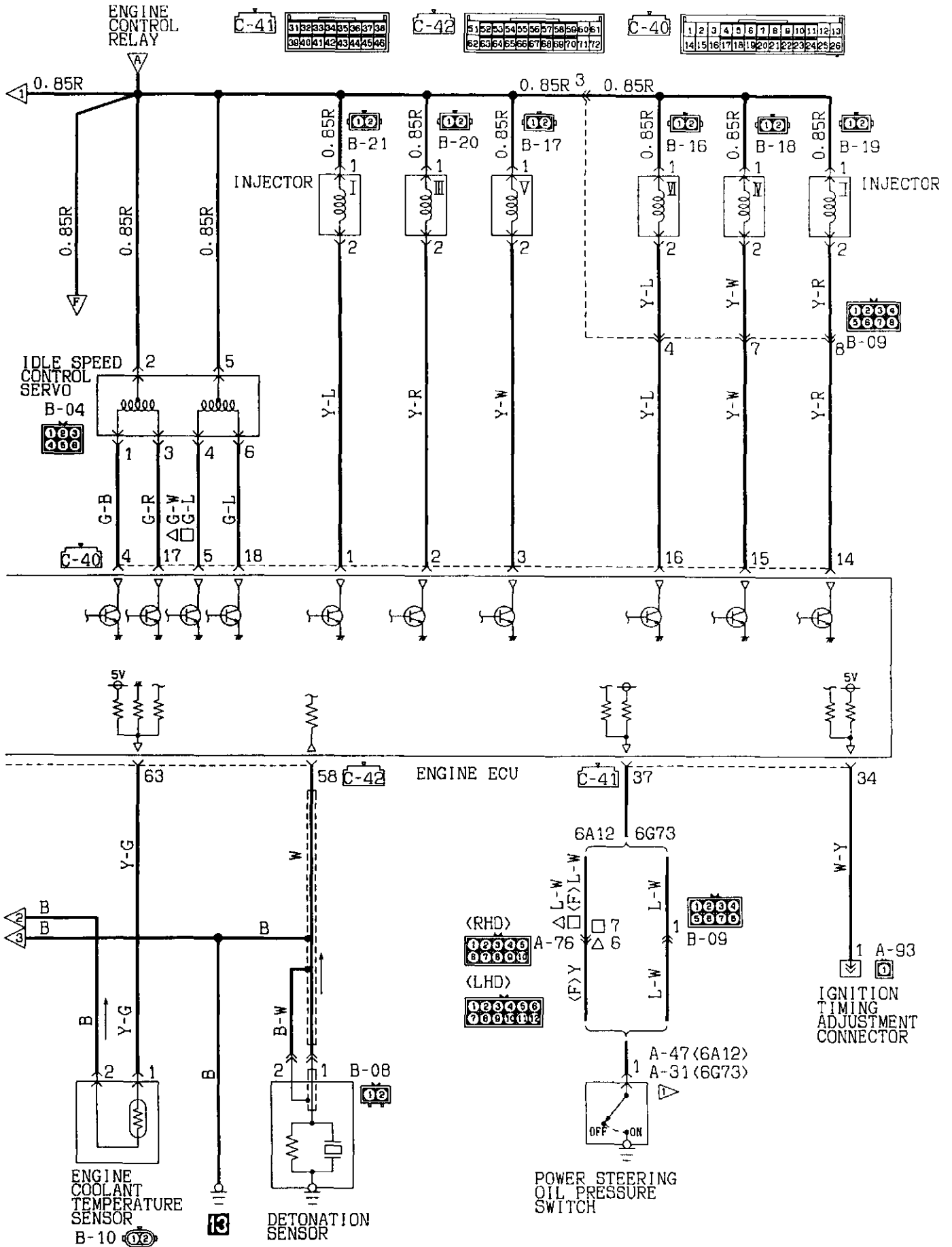


MPI SYSTEM (6A12, 6G73) (CONTINUED)

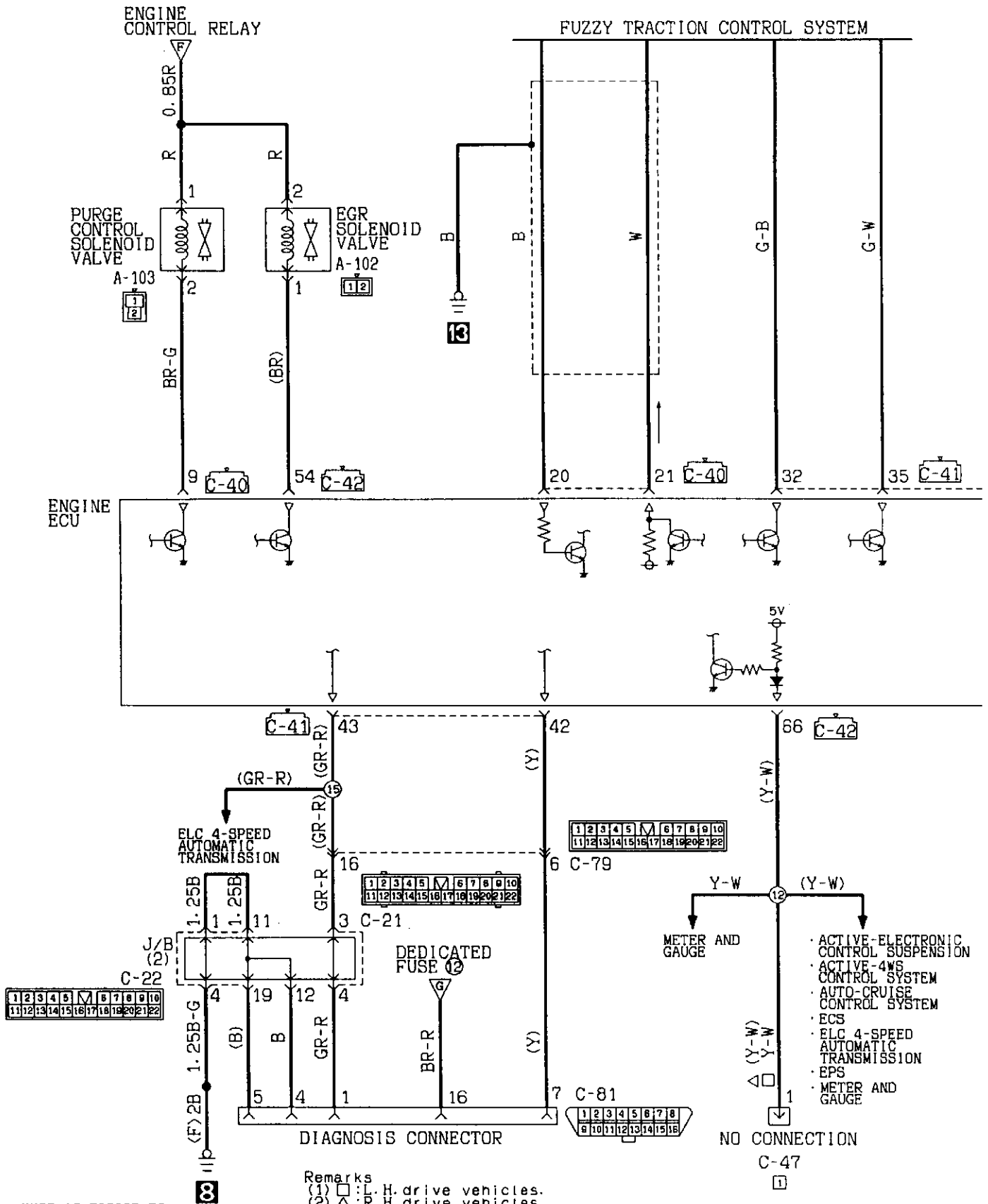


Remarks  
 (1) \*1: Except for 6A12 (R. H. drive vehicles)  
 (2) □: L. H. drive vehicles.  
 (3) △: R. H. drive vehicles.

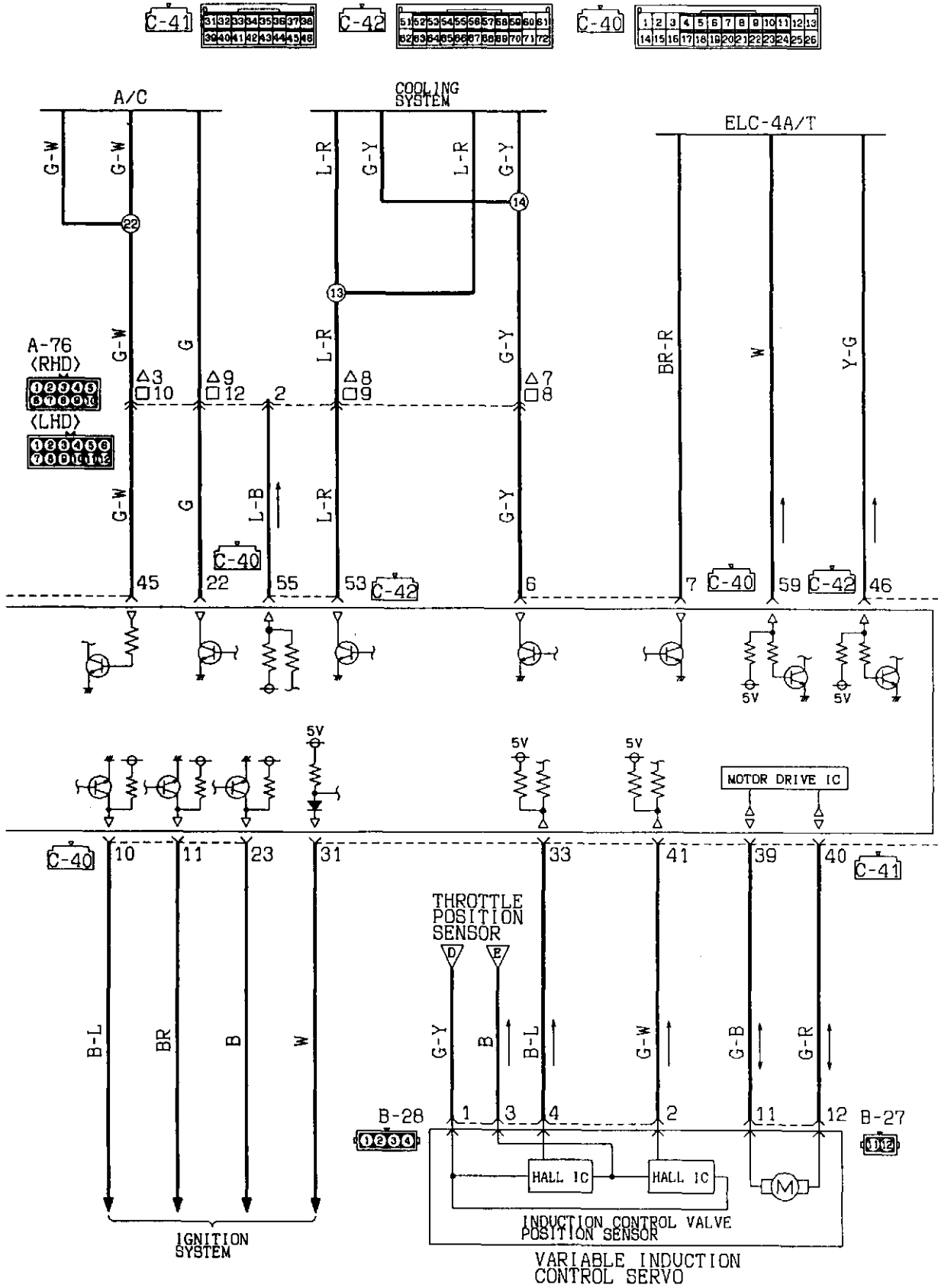
KX35-AC-F0603A-EC



MPI SYSTEM (6A12, 6G73) (CONTINUED)

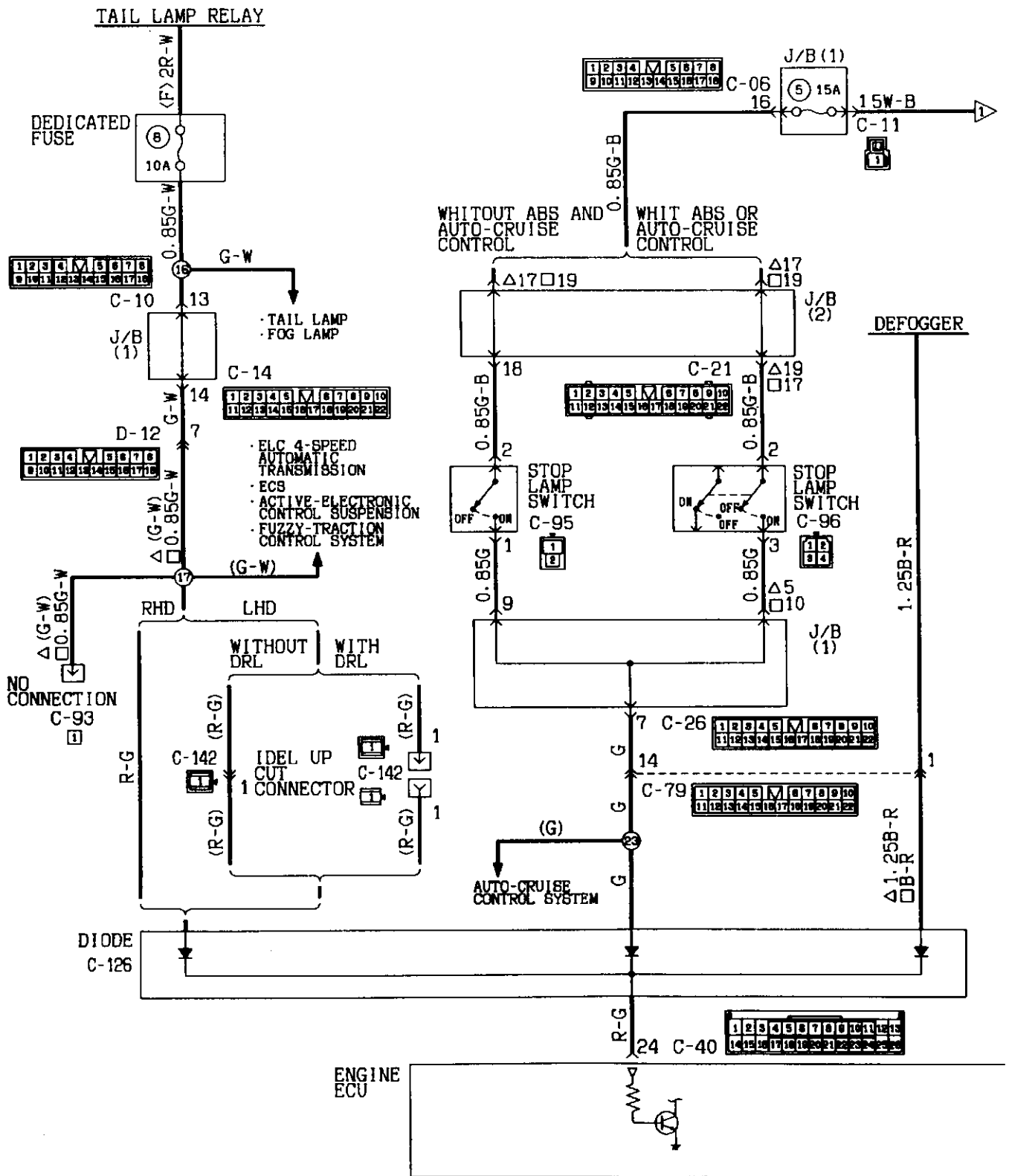


KX35-AC-F0506B-EC



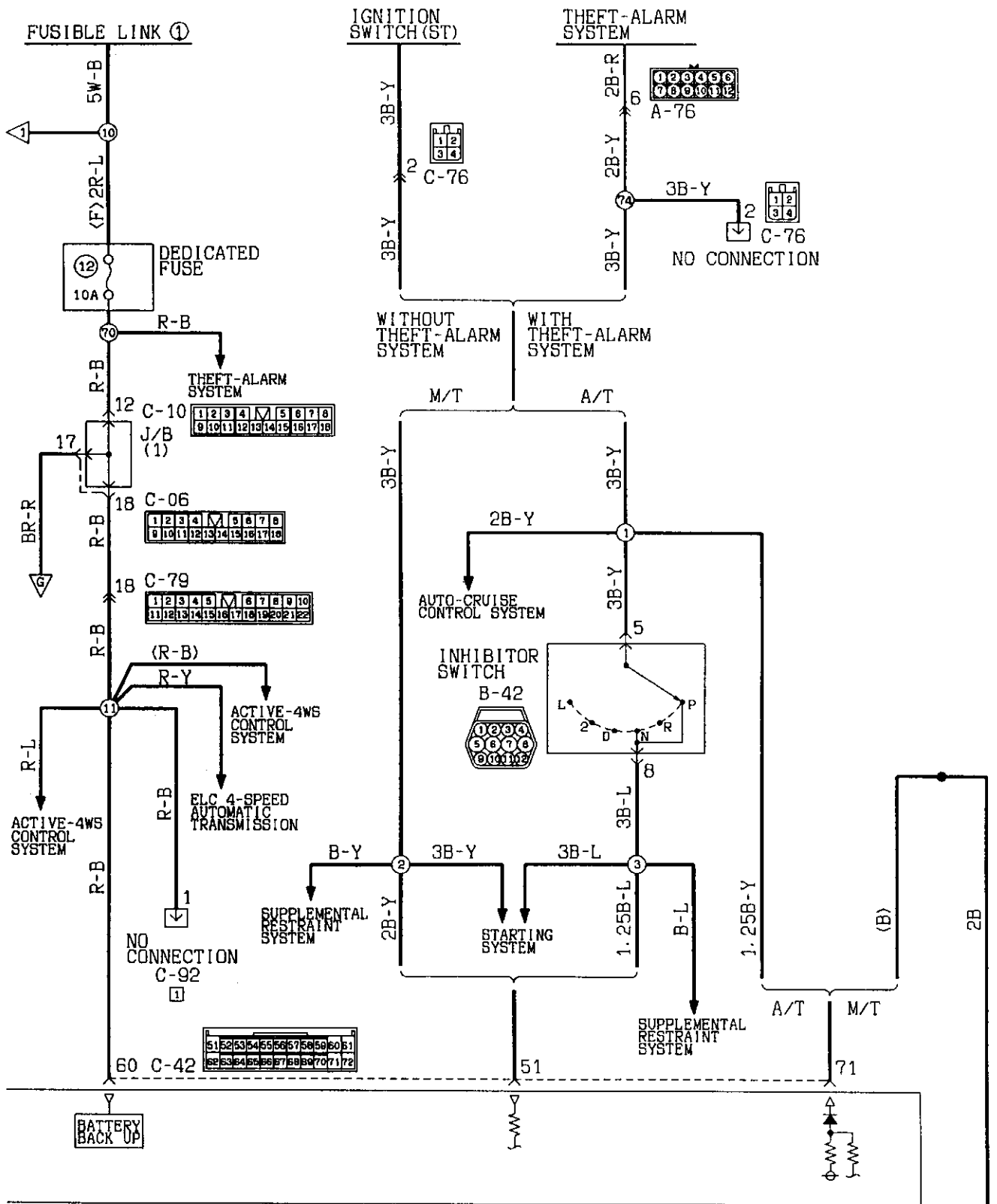
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

MPI SYSTEM (6A12-6G73) (CONTINUED)



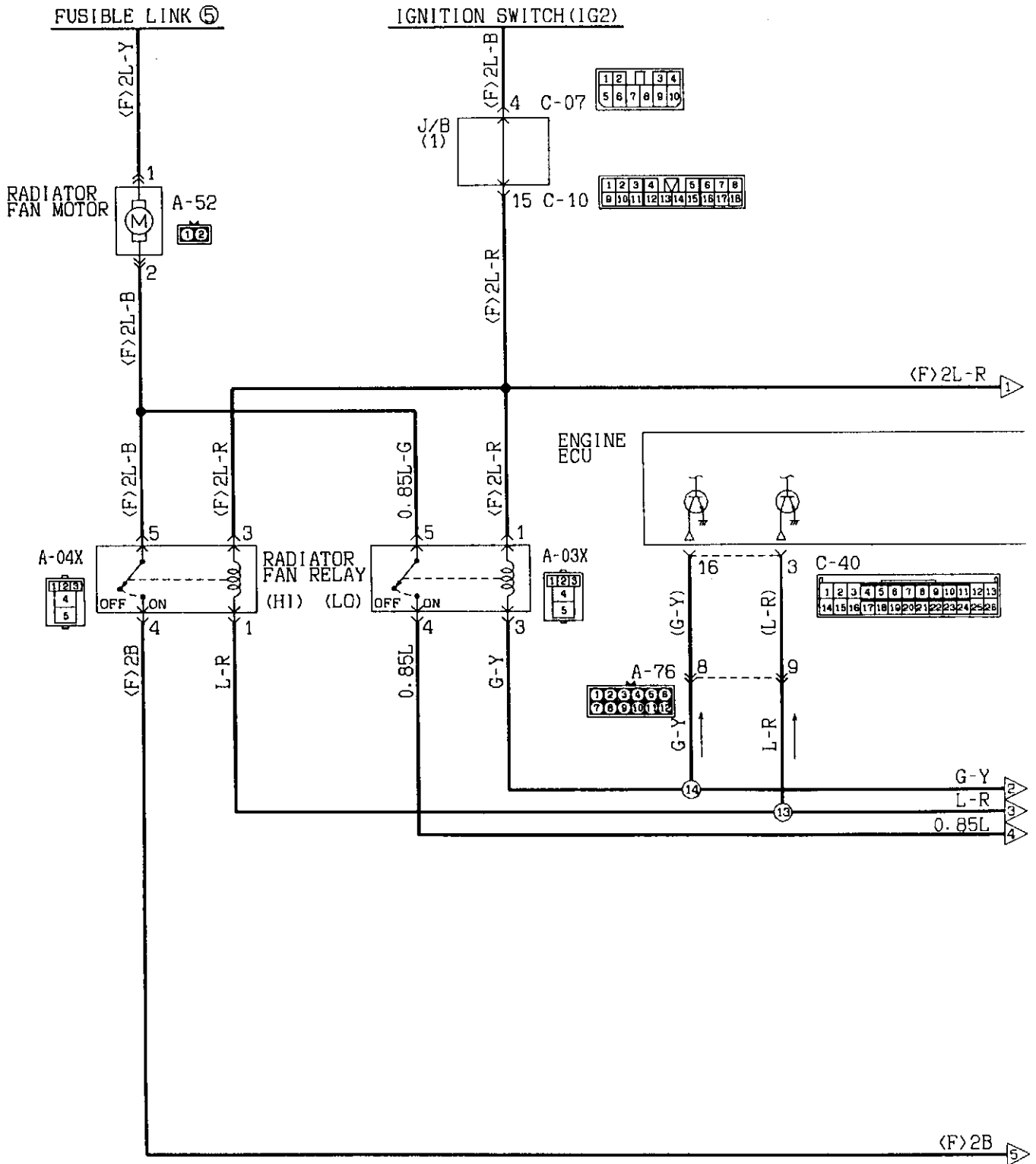
Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.

KX35-AC-F0503C-EC

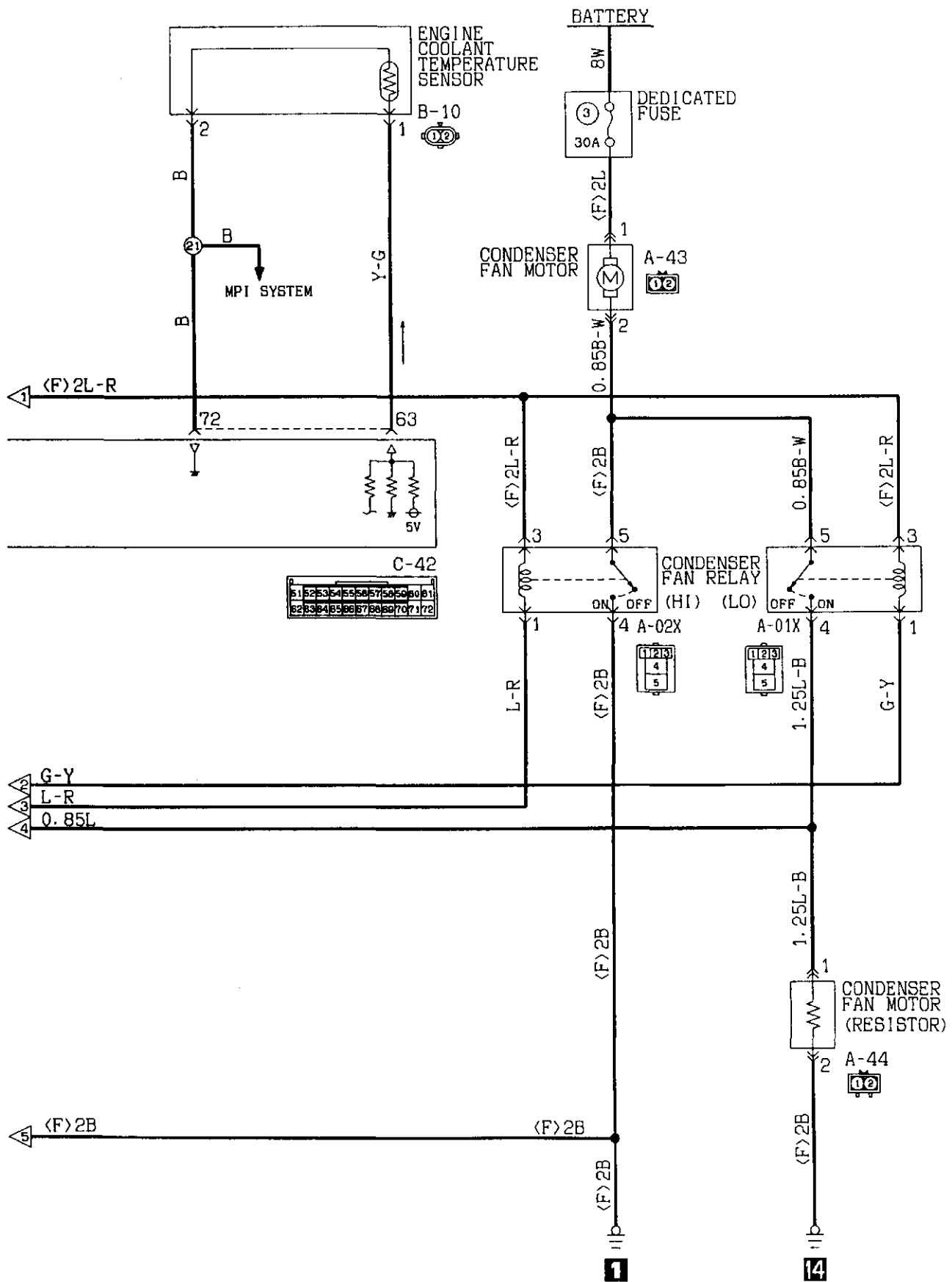


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

COOLING SYSTEM  
4G93, 4G63-2WD

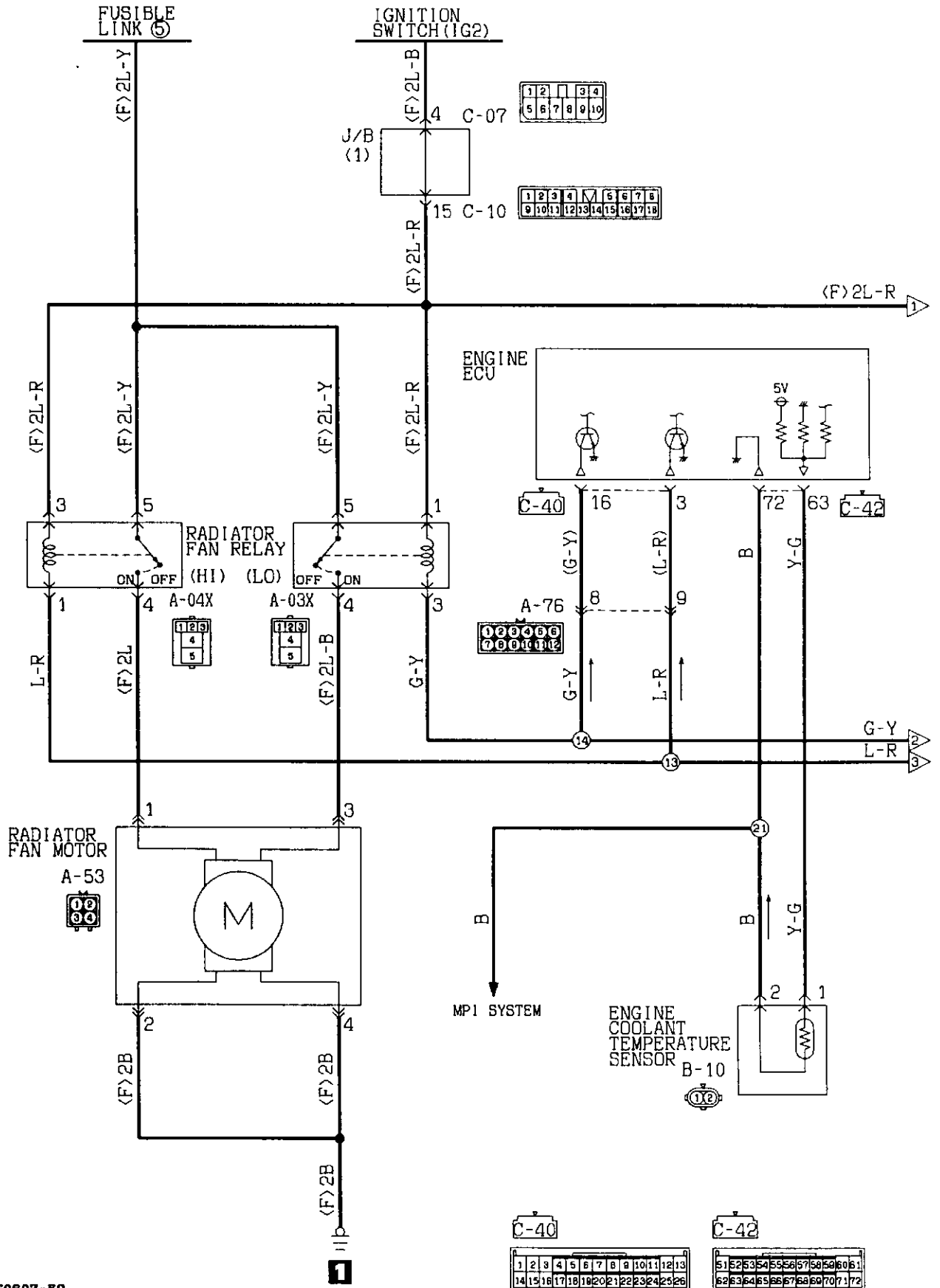


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

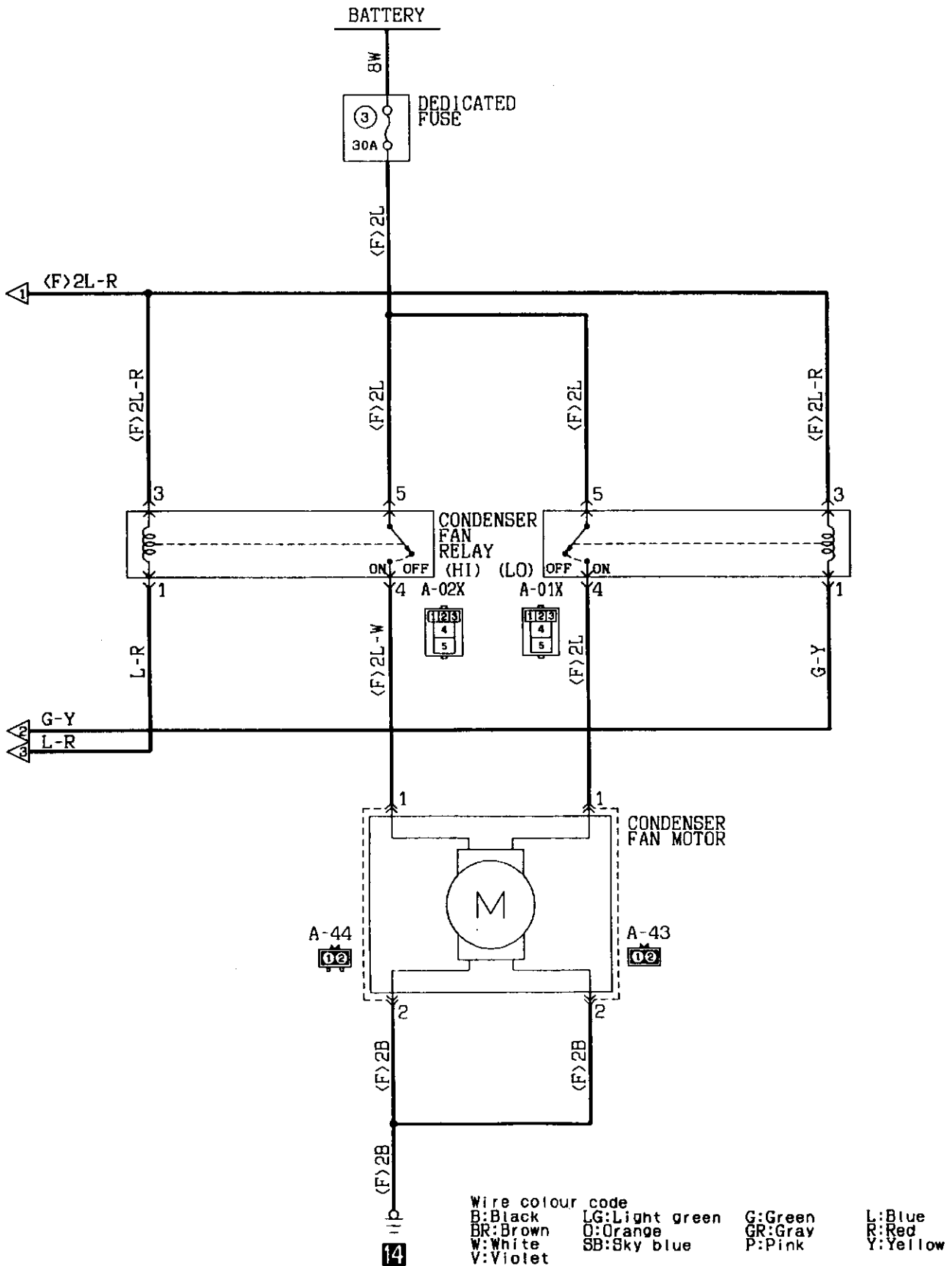




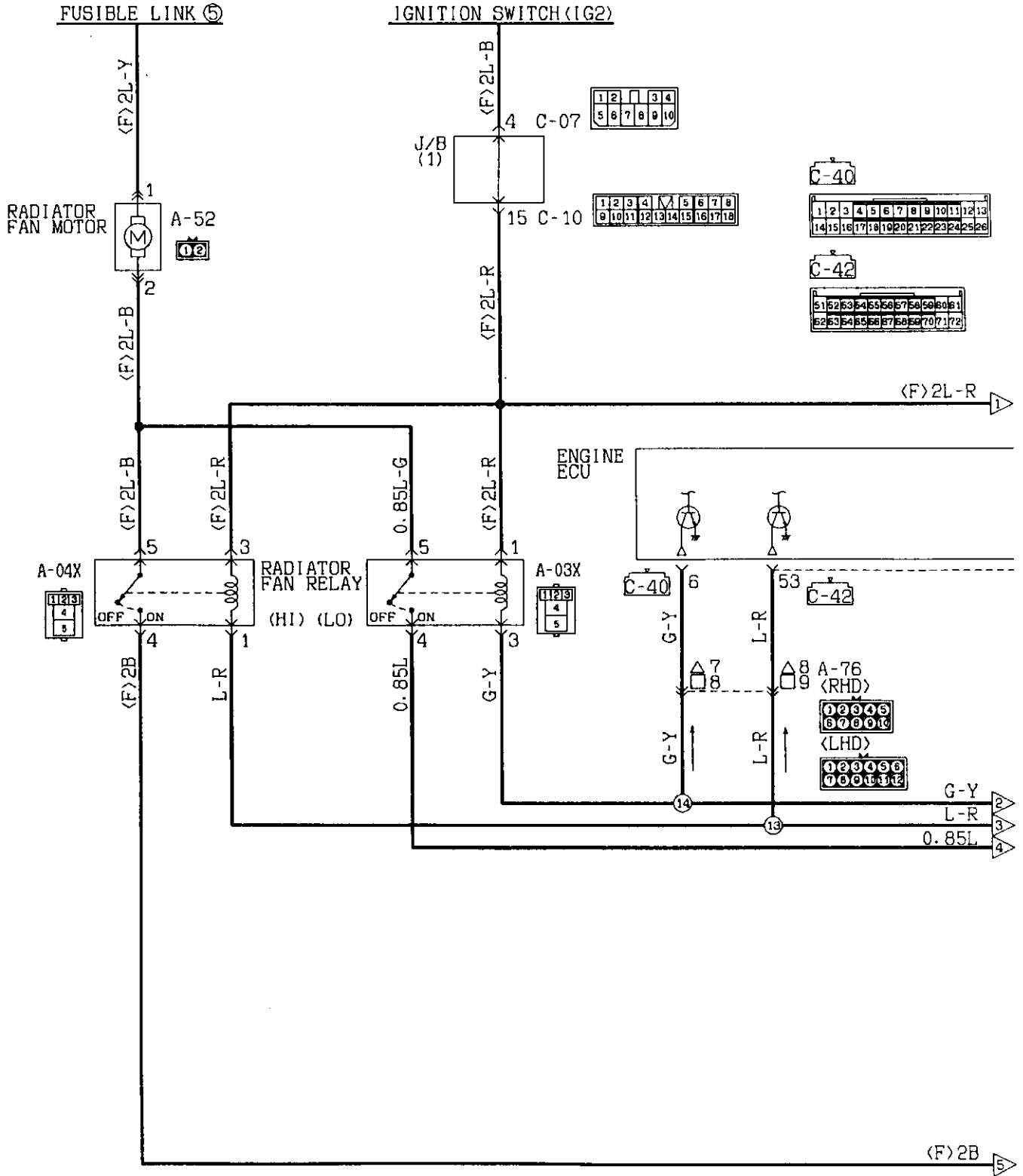
COOLING SYSTEM  
4G63-4WD



KX35-AC-F0607-EC

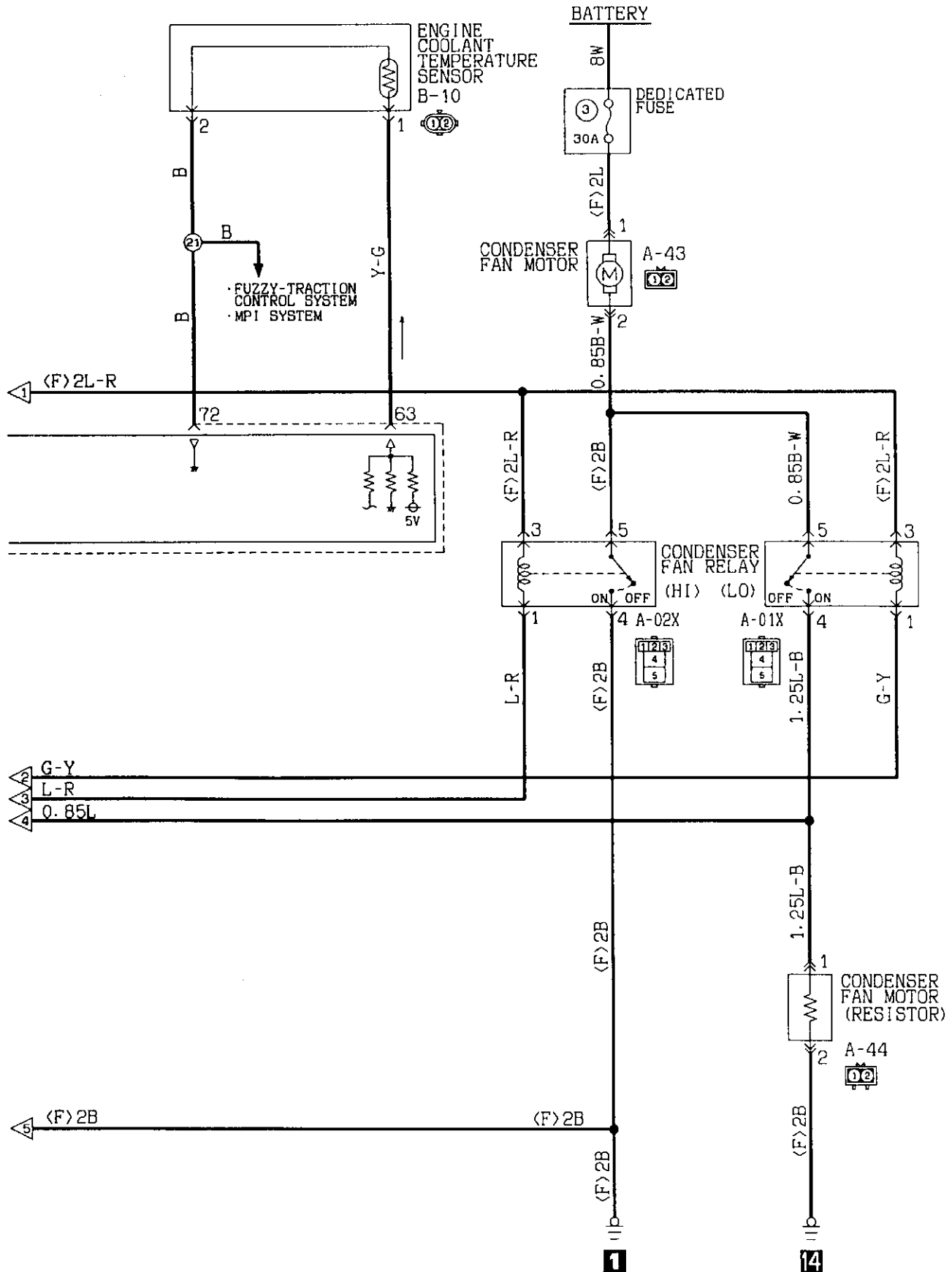


COOLING SYSTEM  
6A12-M/T

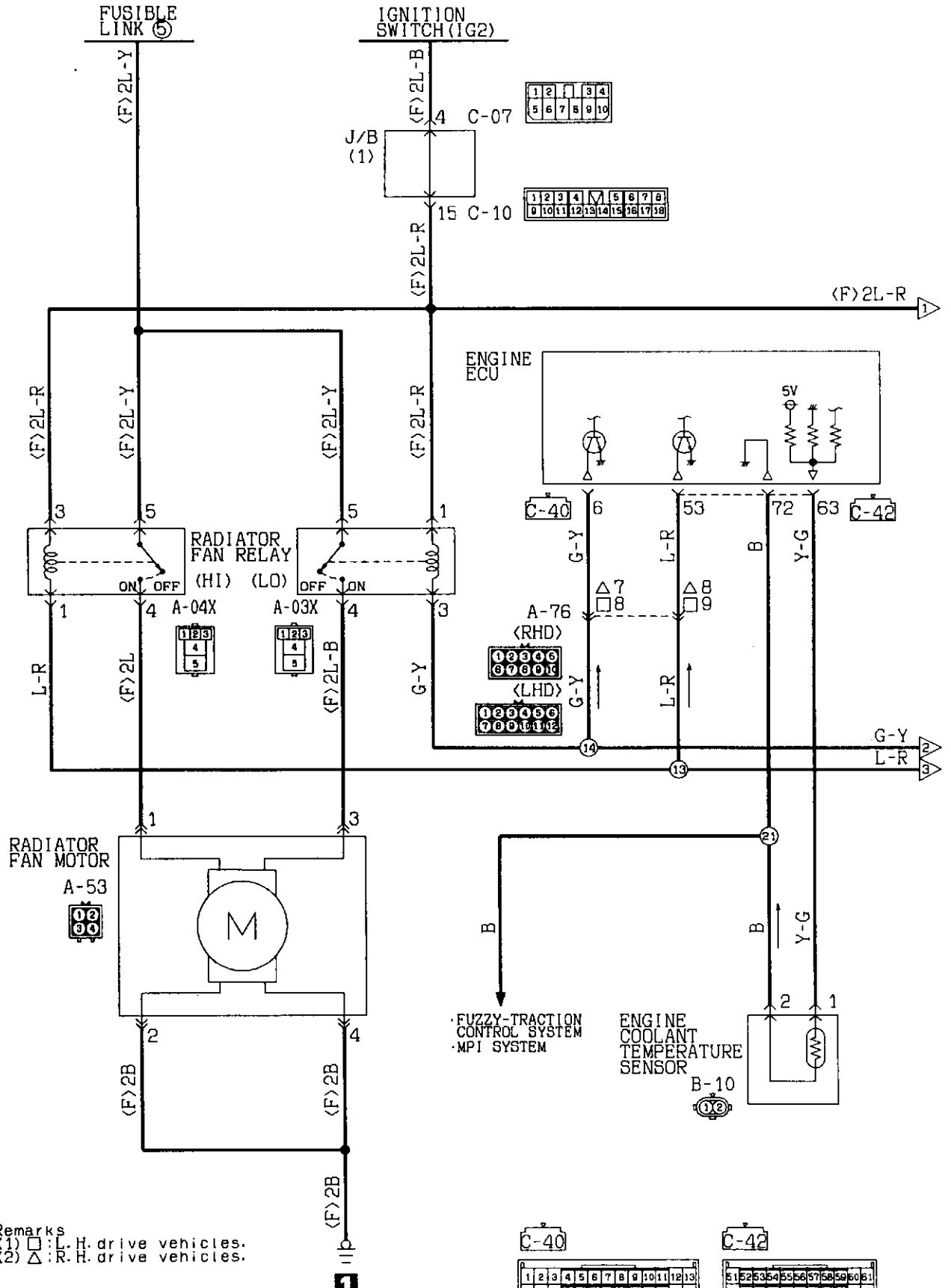


Remarks  
(1) □ : L.H. drive vehicles.  
(2) △ : R.H. drive vehicles.

Wire colour code  
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

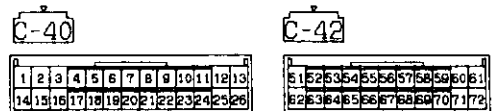


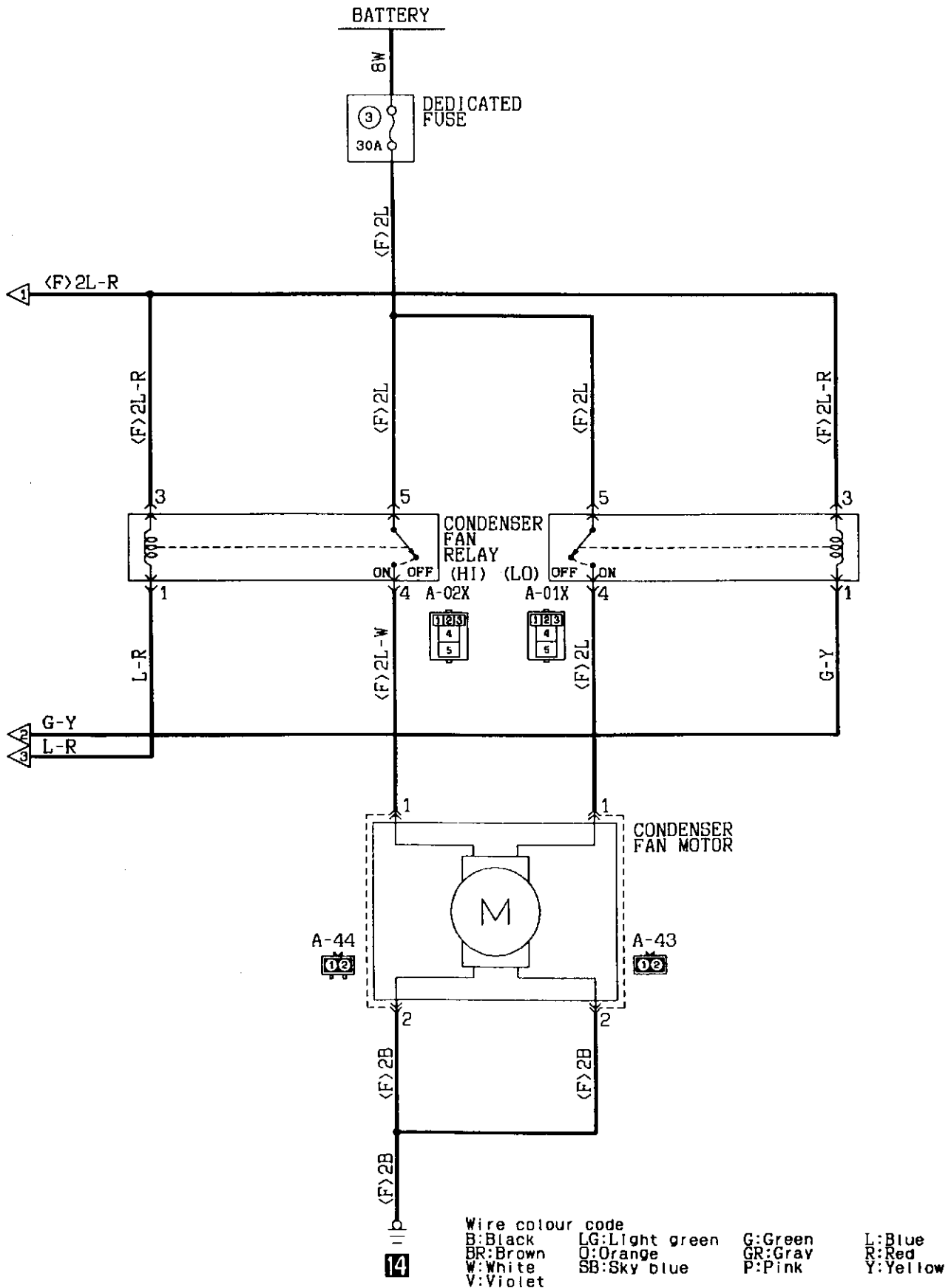
COOLING SYSTEM  
6A12-A/T, 6G73



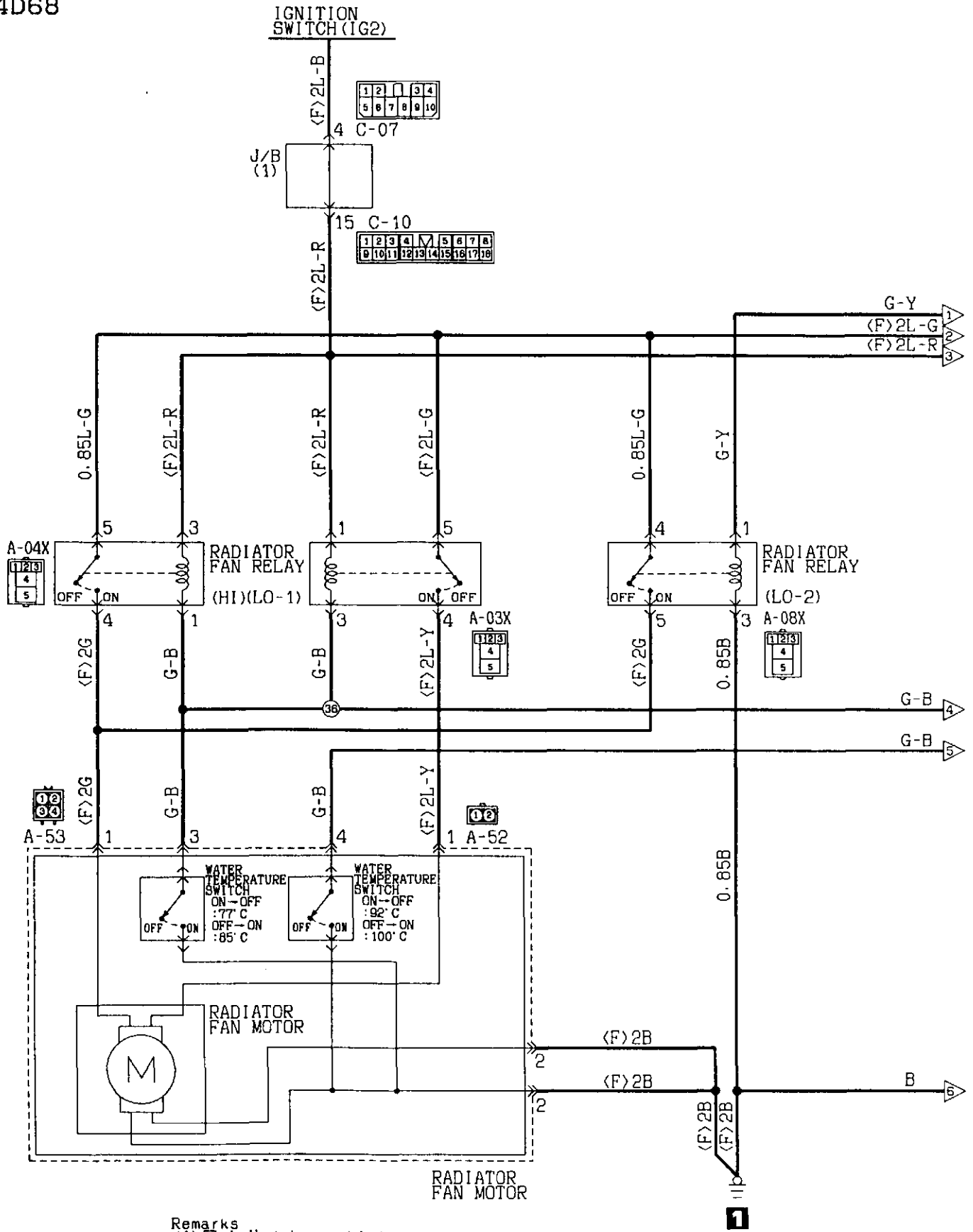
Remarks  
(1) □ : L. H. drive vehicles.  
(2) △ : R. H. drive vehicles.

KX35-AC-F0609-EC





COOLING SYSTEM  
4D68

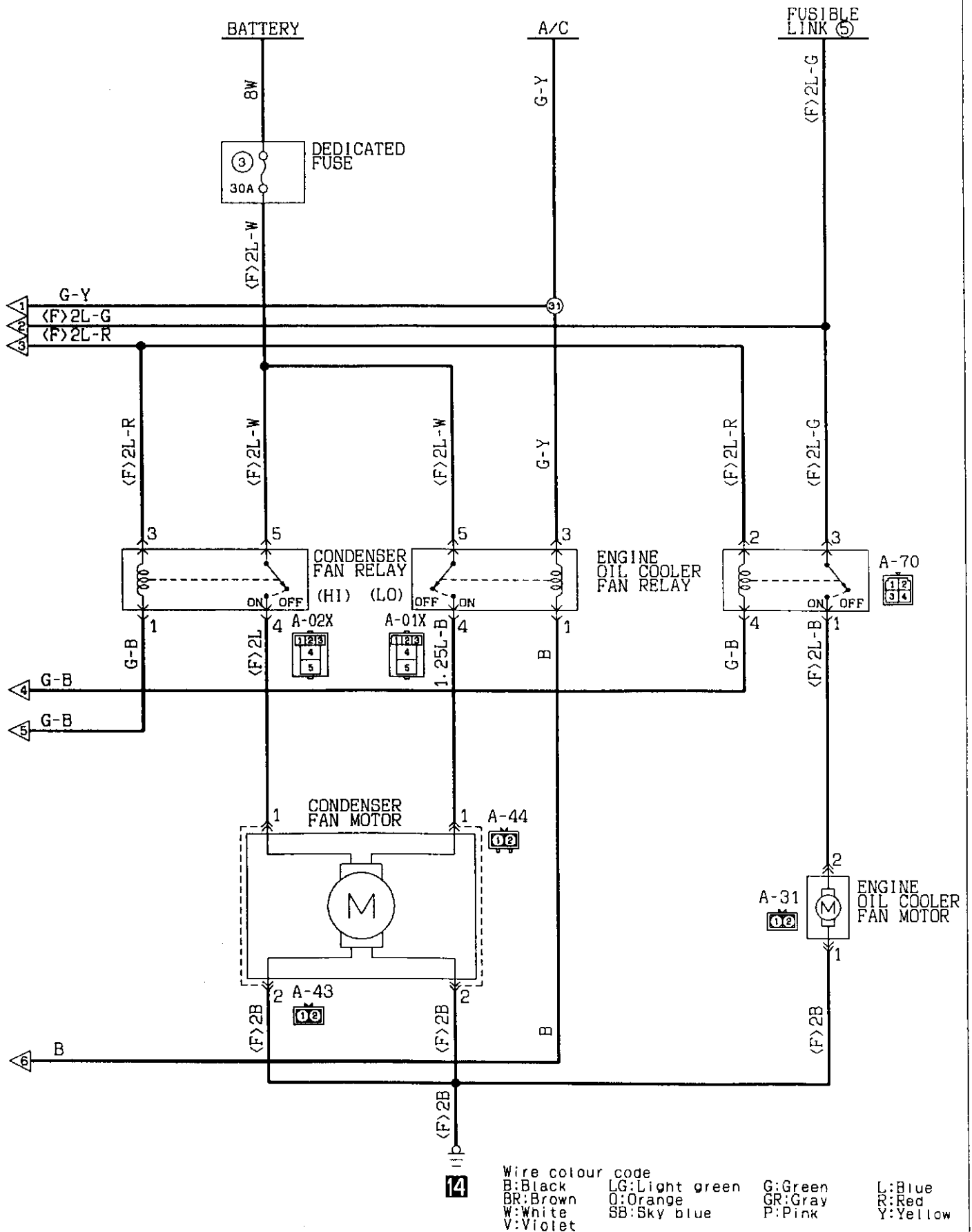


Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.

KX35-AC-F0610-EC

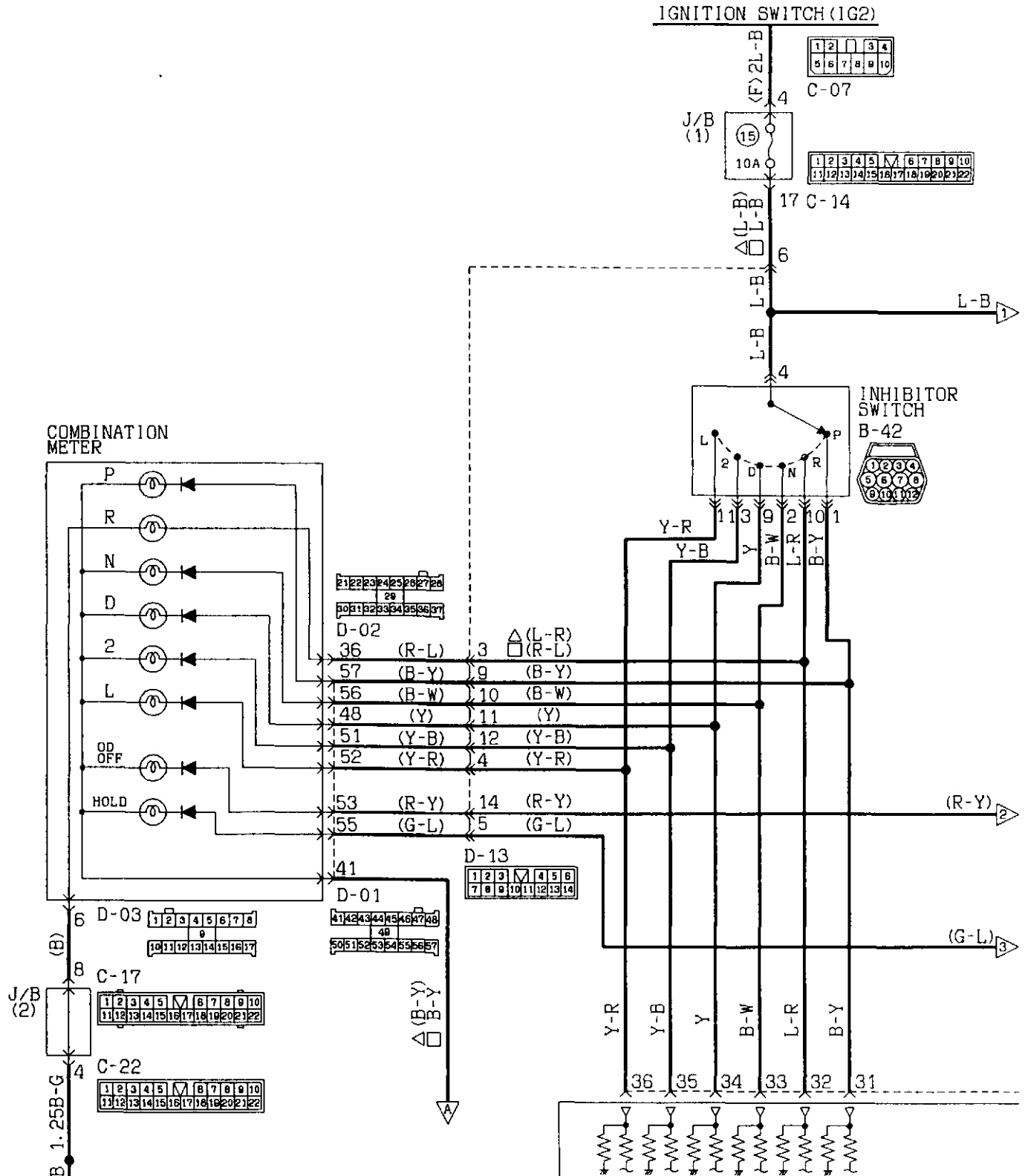
# CIRCUIT DIAGRAM

4A-65





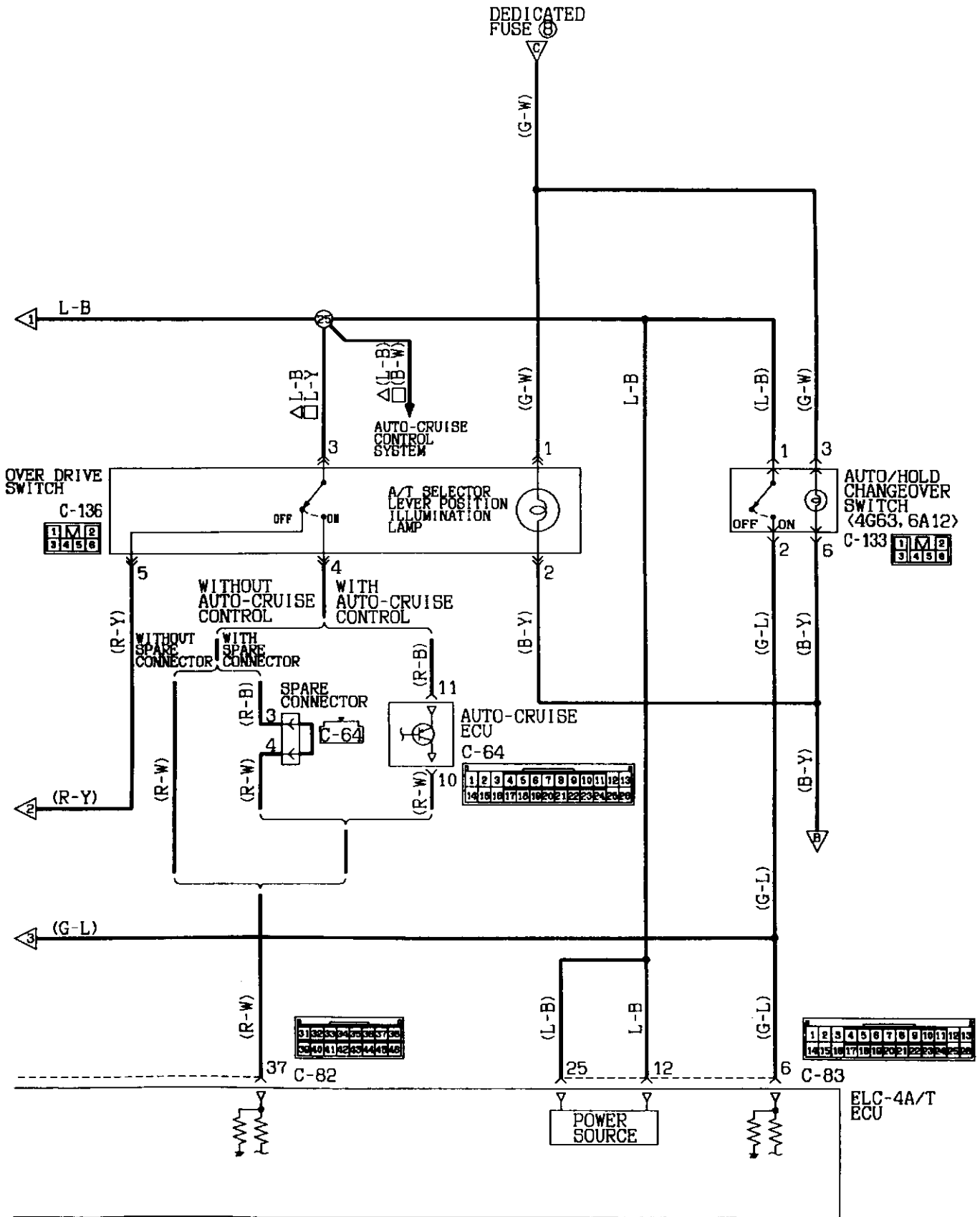
ELC 4-SPEED AUTOMATIC TRANSMISSION



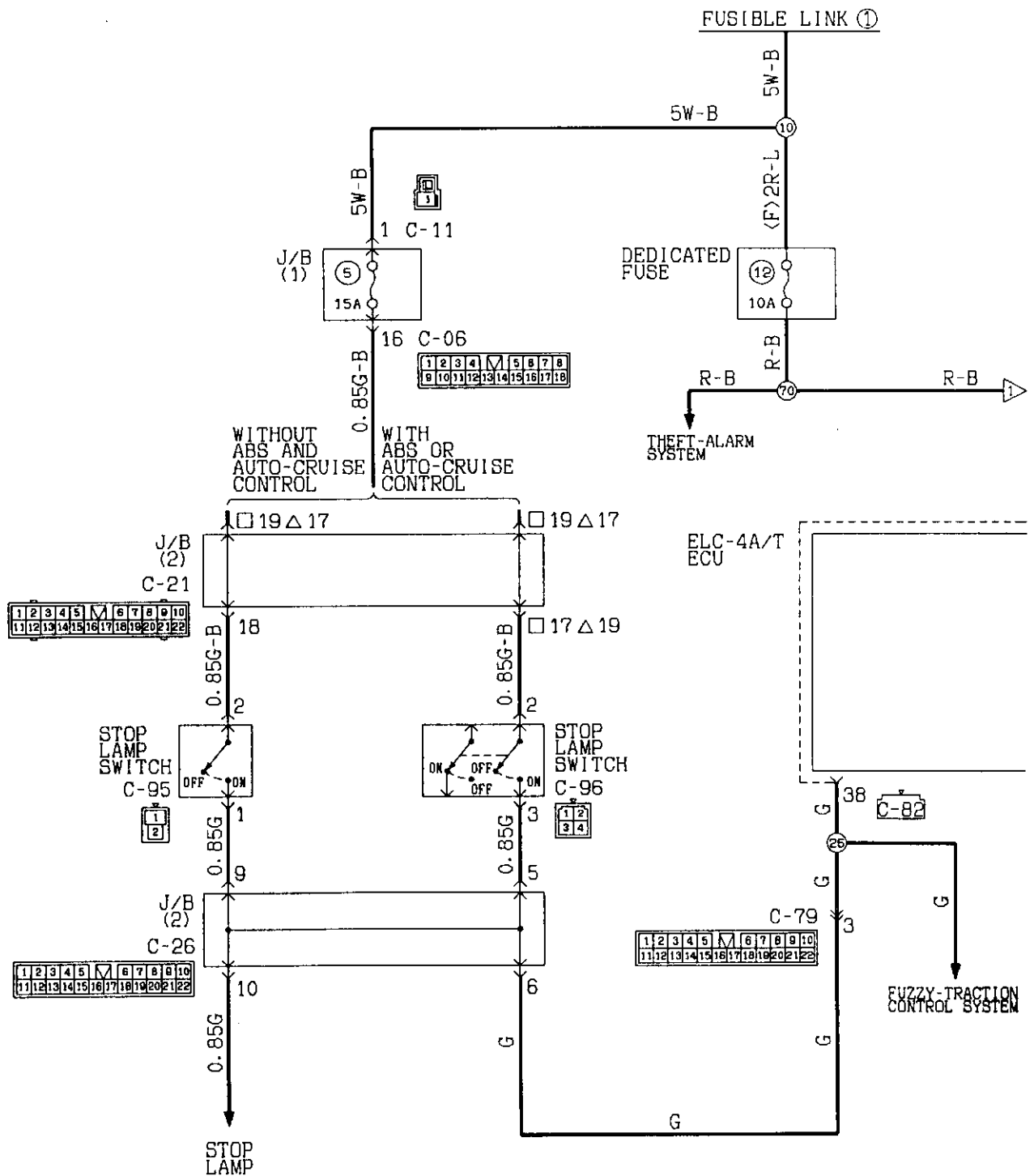
Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.

Wire colour code  
 B: Black    LG: Light green    G: Green    L: Blue    W: White    Y: Yellow    SB: Sky blue  
 BR: Brown    O: Orange    GR: Gray    R: Red    P: Pink    V: Violet

KX35-AC-F0702-EC



ELC 4-SPEED AUTOMATIC TRANSMISSION (CONTINUED)



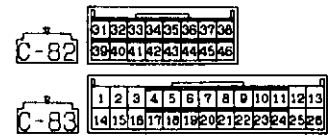
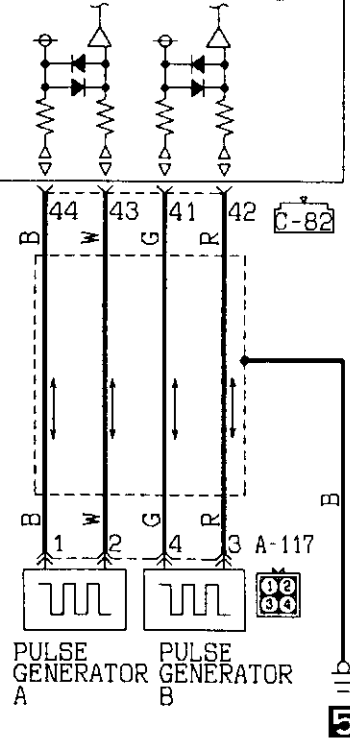
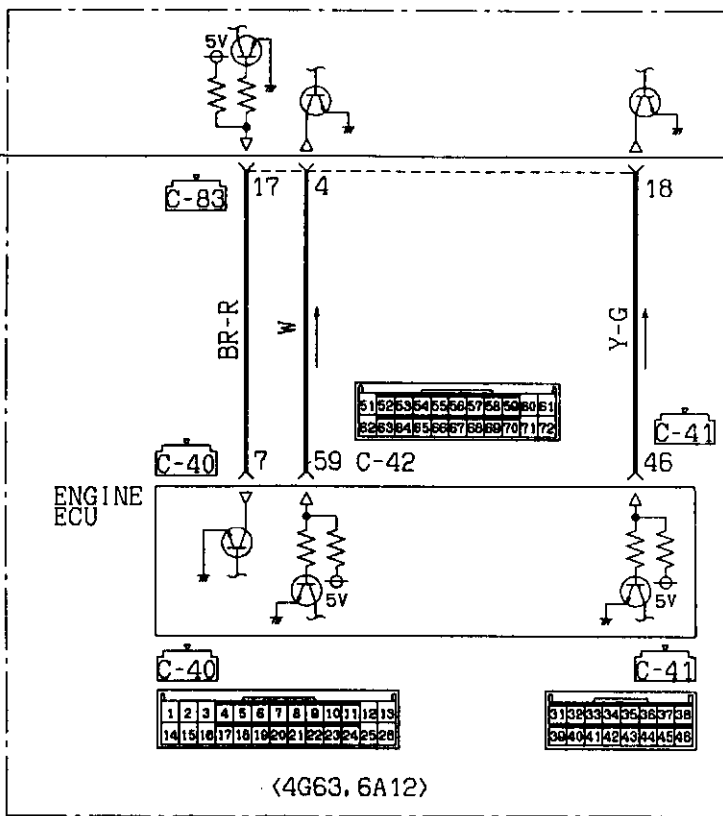
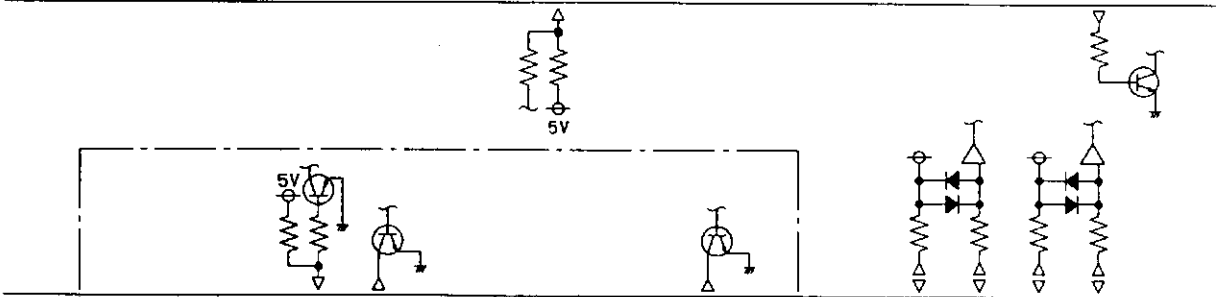
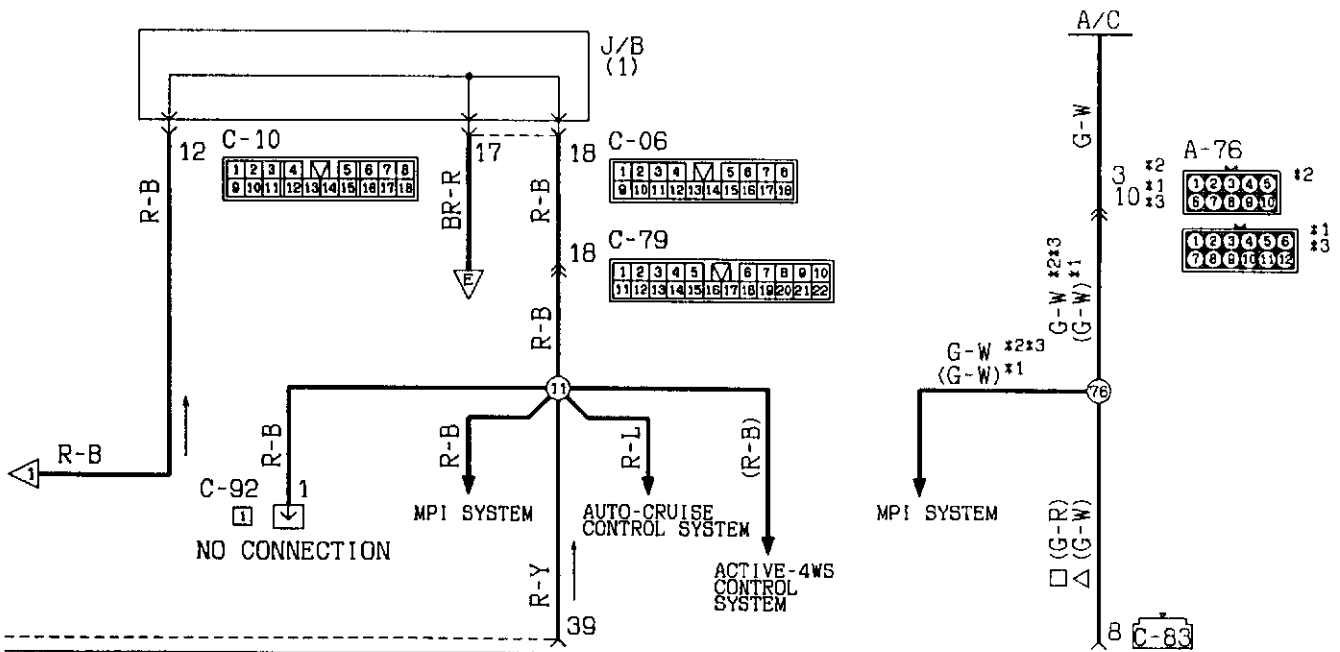
Remarks

- (1) □ : L. H. drive vehicles.
- (2) △ : R. H. drive vehicles.
- (3) \*1 : SOHC
- (4) \*2 : DOHC (R. H. drive vehicles.)
- (5) \*3 : DOHC (L. H. drive vehicles.)

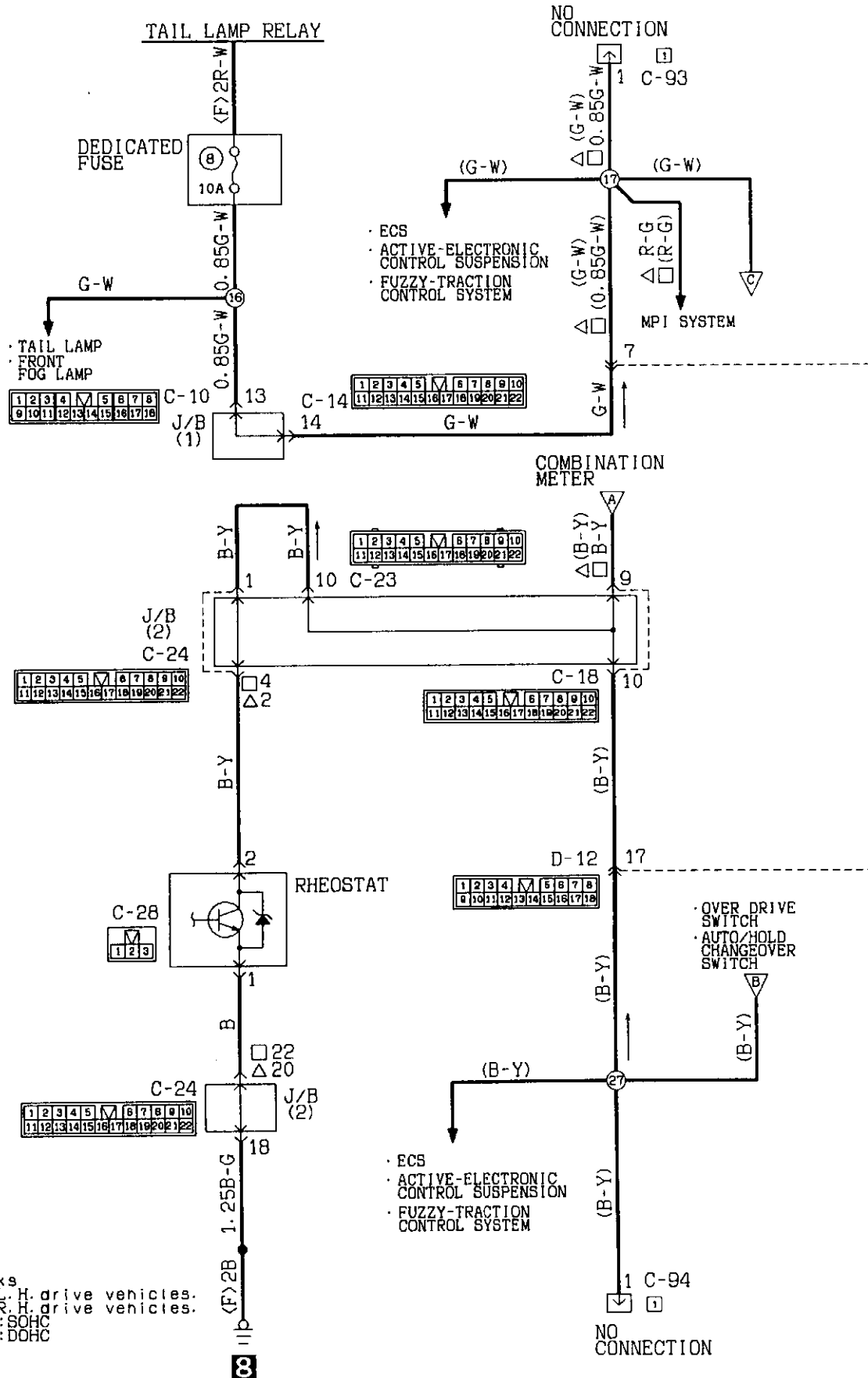
Wire colour code

- |           |                 |          |           |
|-----------|-----------------|----------|-----------|
| B: Black  | LG: Light green | G: Green | L: Blue   |
| BR: Brown | O: Orange       | GR: Gray | R: Red    |
| W: White  | SB: Sky blue    | P: Pink  | Y: Yellow |
| V: Violet |                 |          |           |

KX35-AC-F0702A-EC

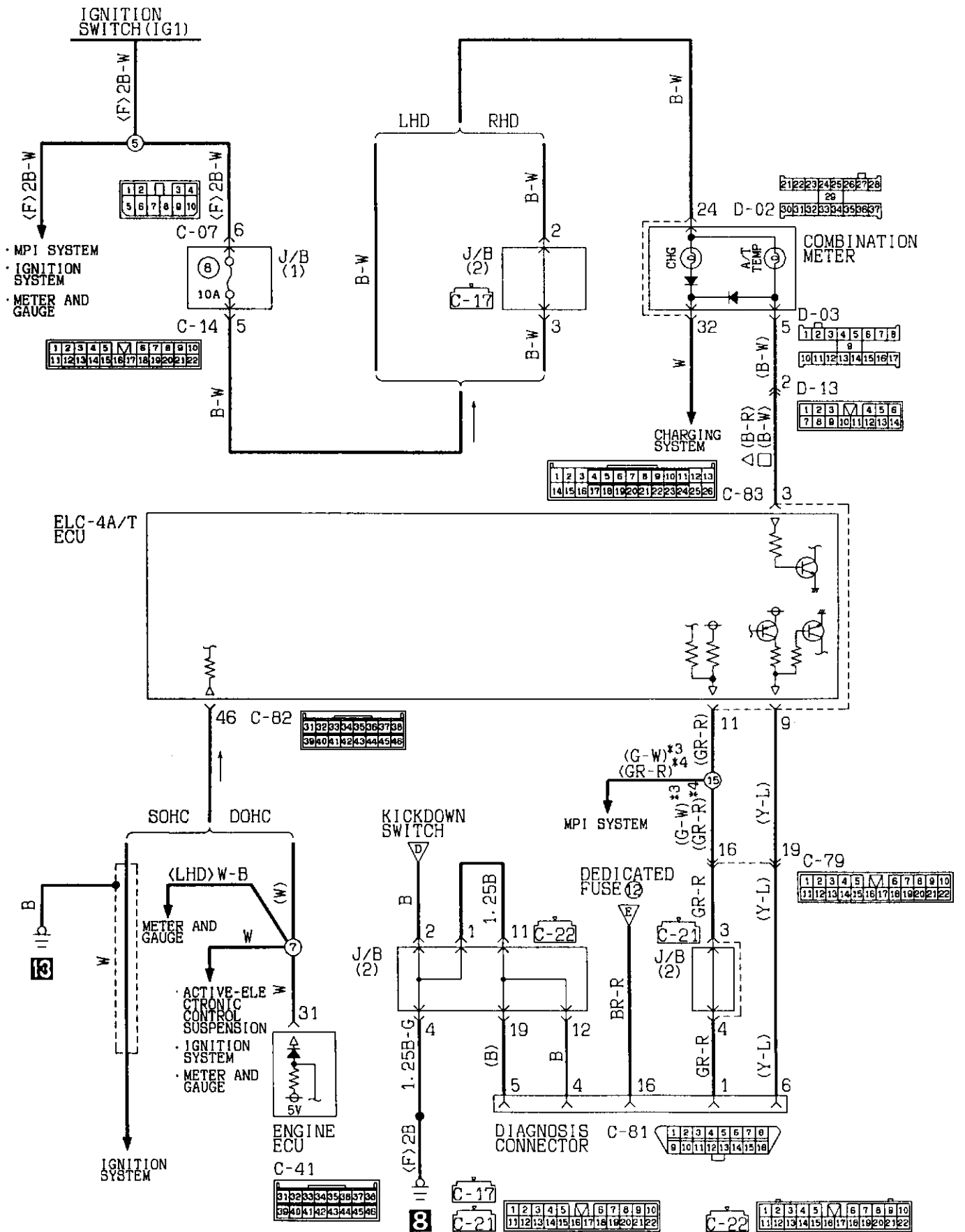


ELC 4-SPEED AUTOMATIC TRANSMISSION (CONTINUED)

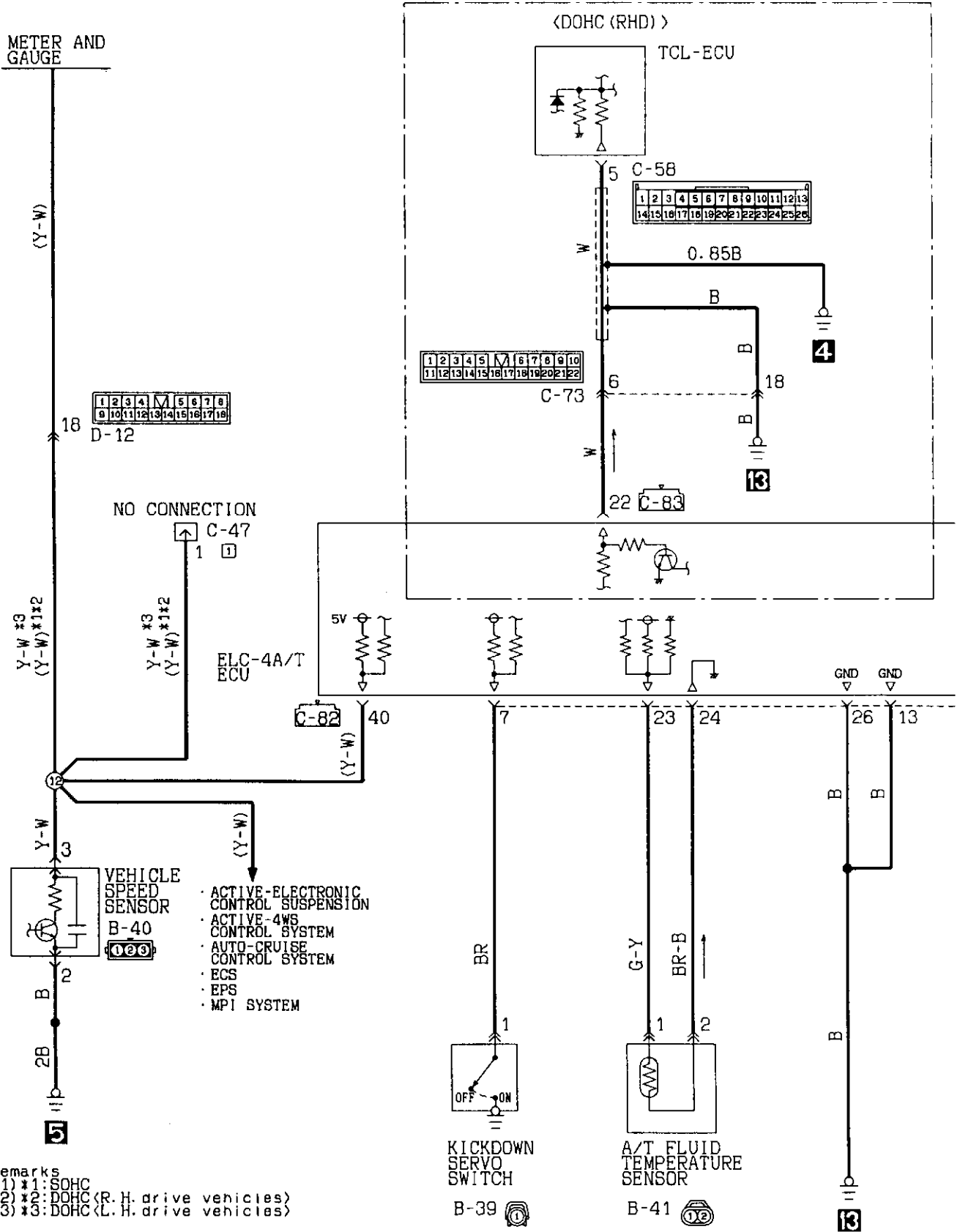


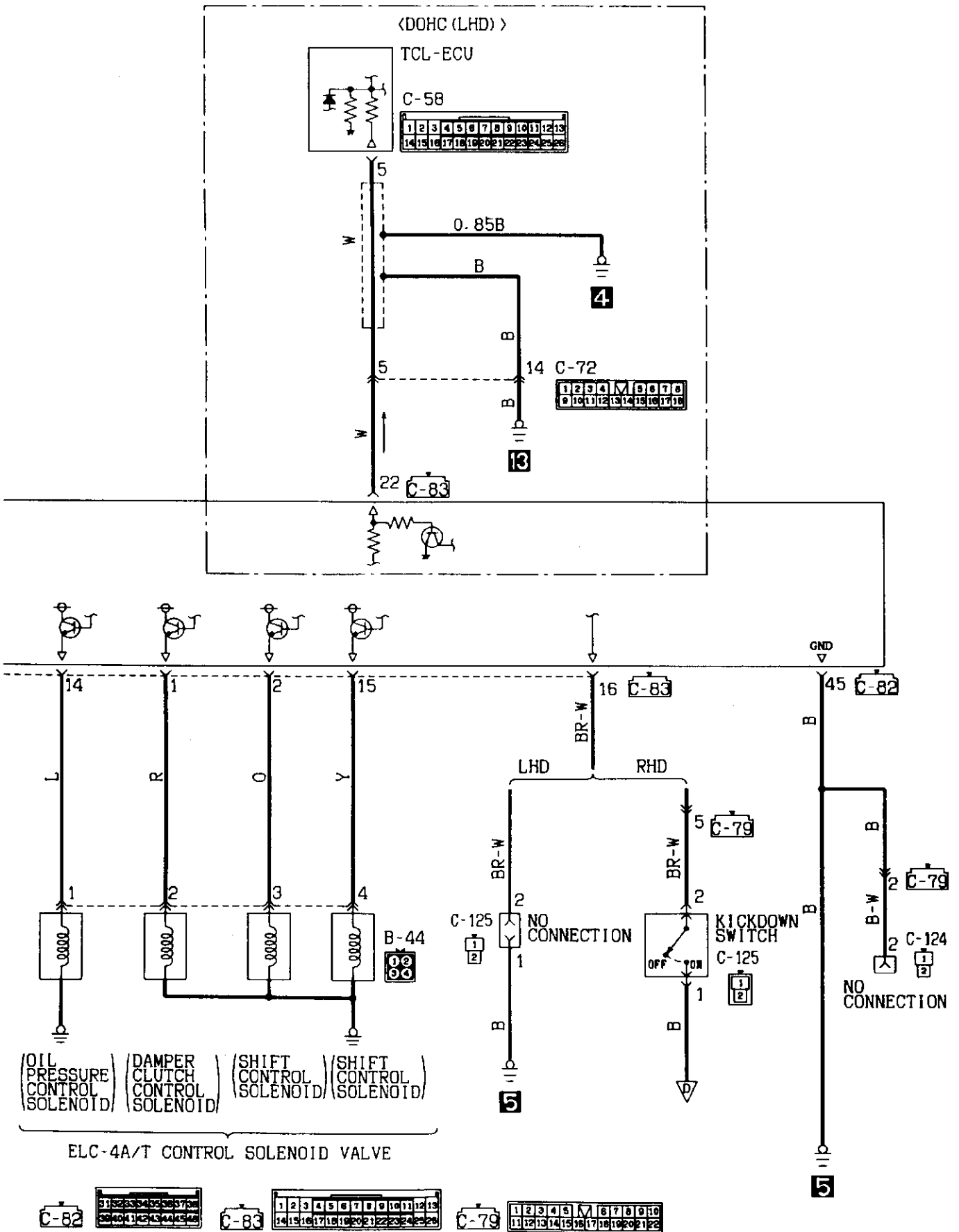
Remarks  
 (1) □: L. H. drive vehicles.  
 (2) △: R. H. drive vehicles.  
 (3) \*1: SOHC  
 (4) \*4: DOHC

KX35-AC-F0702B-EC



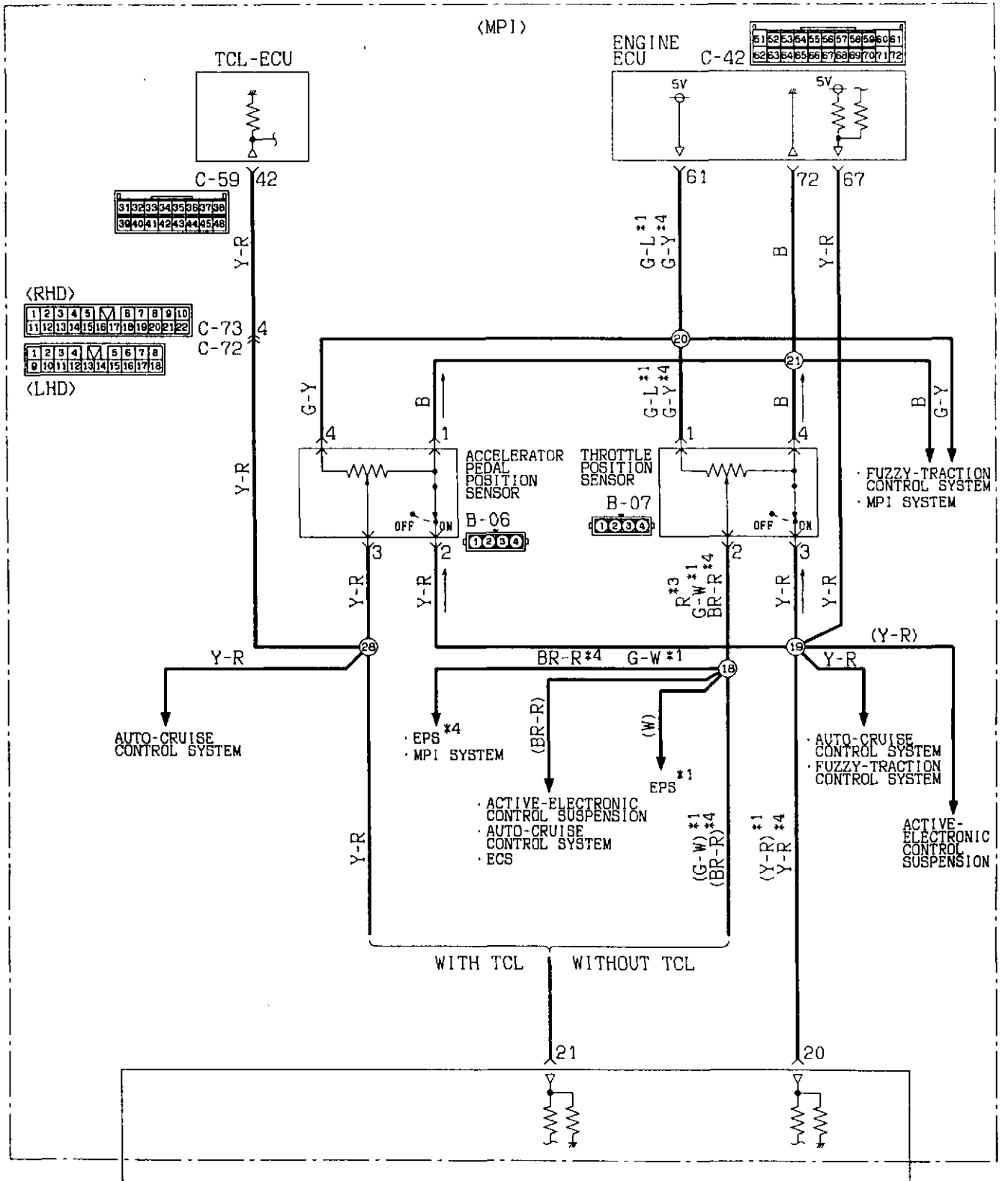
ELC 4-SPEED AUTOMATIC TRANSMISSION (CONTINUED)







ELC 4-SPEED AUTOMATIC TRANSMISSION (CONTINUED)



Remarks  
 (1) \*1: SOHC  
 (2) \*3: DOHC (L-H drive vehicles)  
 (3) \*4: DOHC

ELC-4A/T C-83  
 ECU

Wire colour code  
 B:Black L:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

## HEADLAMP <Vehicles without daytime running lamp and dim-dip lamp> (See P. 4A-76, 82.)

### OPERATION

Headlamp Relay ON Conditions

| Lighting switch | Dimmer/passing switch | Headlamp relay |
|-----------------|-----------------------|----------------|
| "HEAD"          | —                     | ON             |
| —               | ON                    | ON             |

#### <Low-beam operation>

- Placing the lighting switch in the HEAD position causes the headlamp relay to be energized.
- If the dimmer/passing switch is placed in the LO position at this time, then the headlamps light up in low beam.

#### <Upper-beam operation>

- Placing the lighting switch in the HEAD position causes the headlamp relay to be energized.
- If the dimmer/passing switch is placed in the HI position at this time, the headlamps light up in upper beam.

#### <Upper-beam indicator lamp>

- This lamp lights up when the upper/passing beams are on, indicating that the headlamps are on in upper beam.

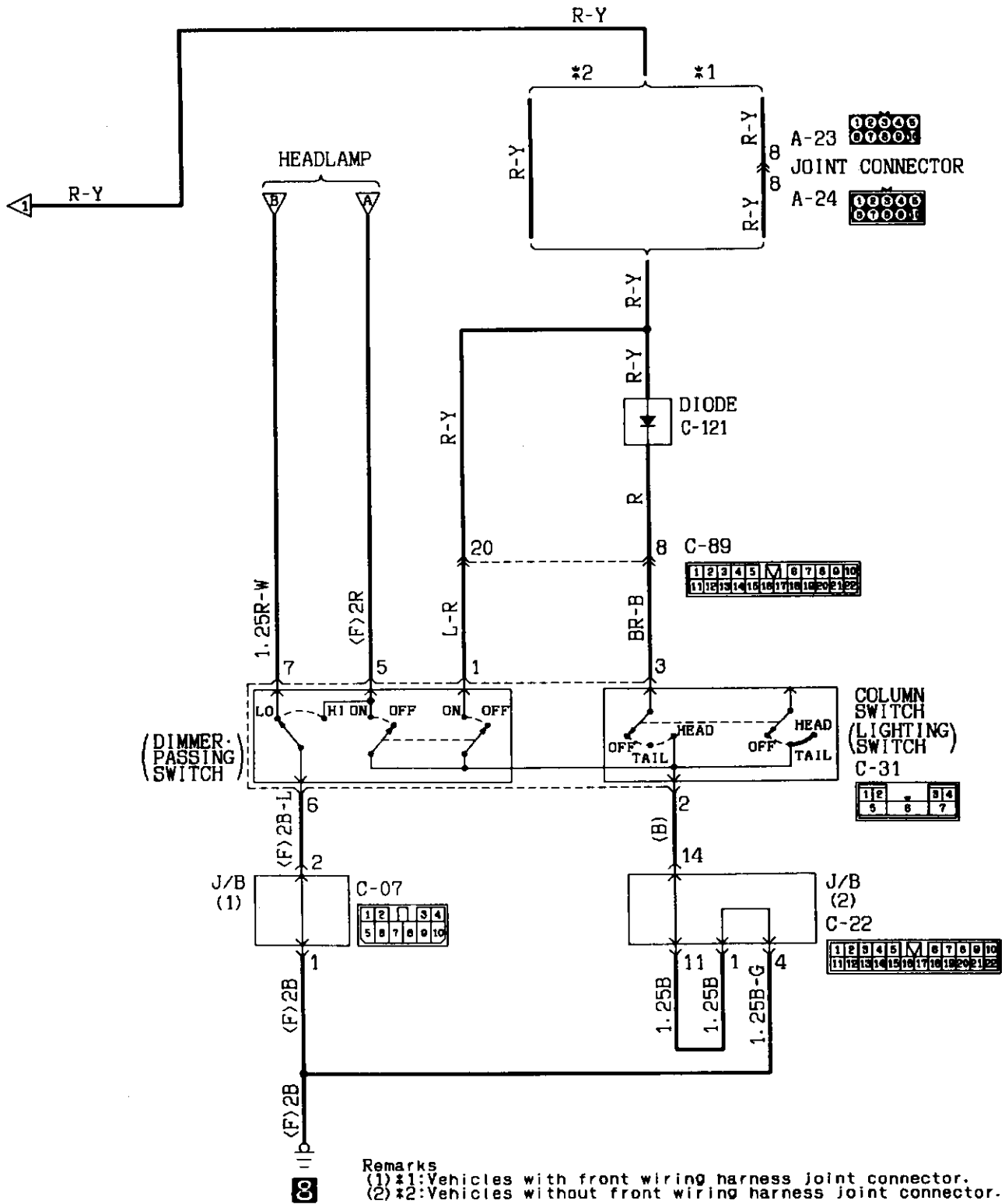
#### <Passing operation>

- When the dimmer/passing switch is set to the "ON" position, the headlamp relay is switched ON and the upper beam of the headlamps illuminates.

### TROUBLESHOOTING HINTS

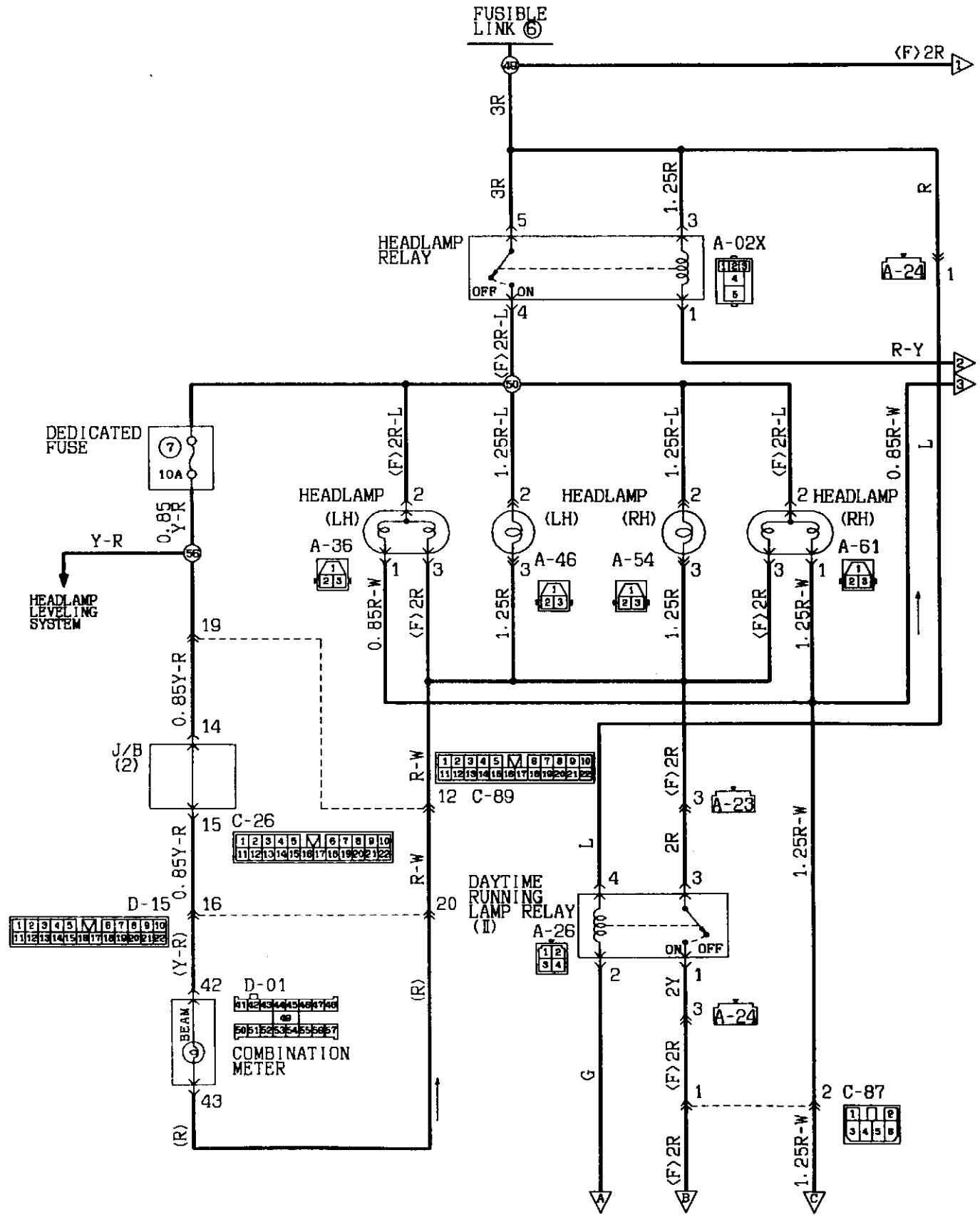
1. Headlamps don't come on.
  - 1) But the tail lamps do illuminate.
    - Check the headlamp relay.
    - Check the lighting switch.
  - 2) The tail lamps also don't illuminate.
    - Check the fusible link No. ⑥.
2. The low beam at both sides doesn't illuminate.
  - Check the dimmer switch LO contacts.
3. The upper beam at both sides doesn't illuminate.
  - 1) The passing signal functions OK.
    - Check the dimmer switch HI contacts.
  - 2) The passing signal doesn't function.
    - Check the dimmer switch.
4. One headlamp doesn't illuminate.
  - Check the bulb.
5. Can't switch from low to upper beam or vice-versa.
  - Check the dimmer switch.
6. Upper-beam indicator lamp does not come on.
  - 1) Headlamp upper beams are operational.
    - Check dedicated fuse No. ⑦.
    - Check the indicator lamp bulb.





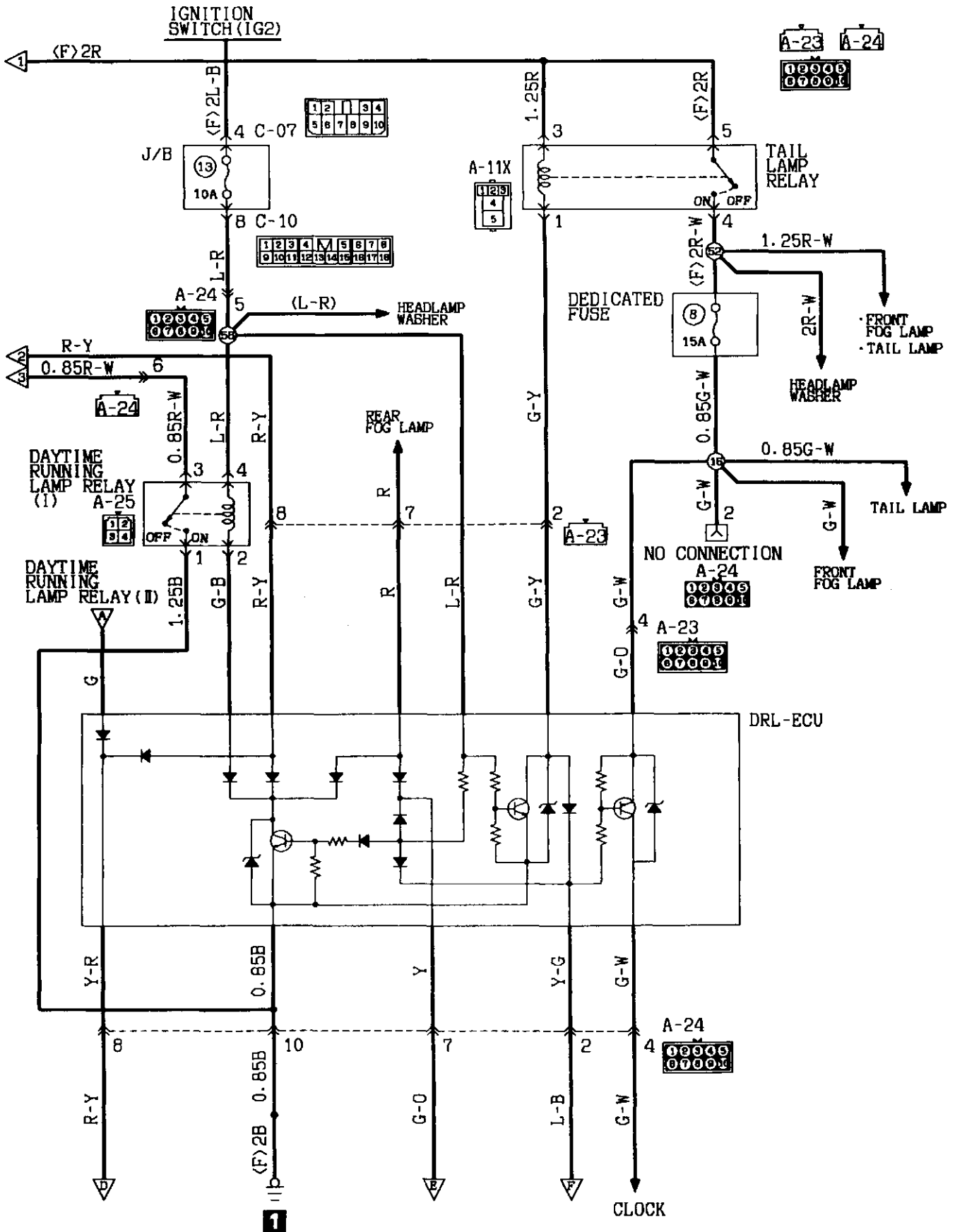
HEADLAMP

L.H. drive vehicles with daytime running lamp



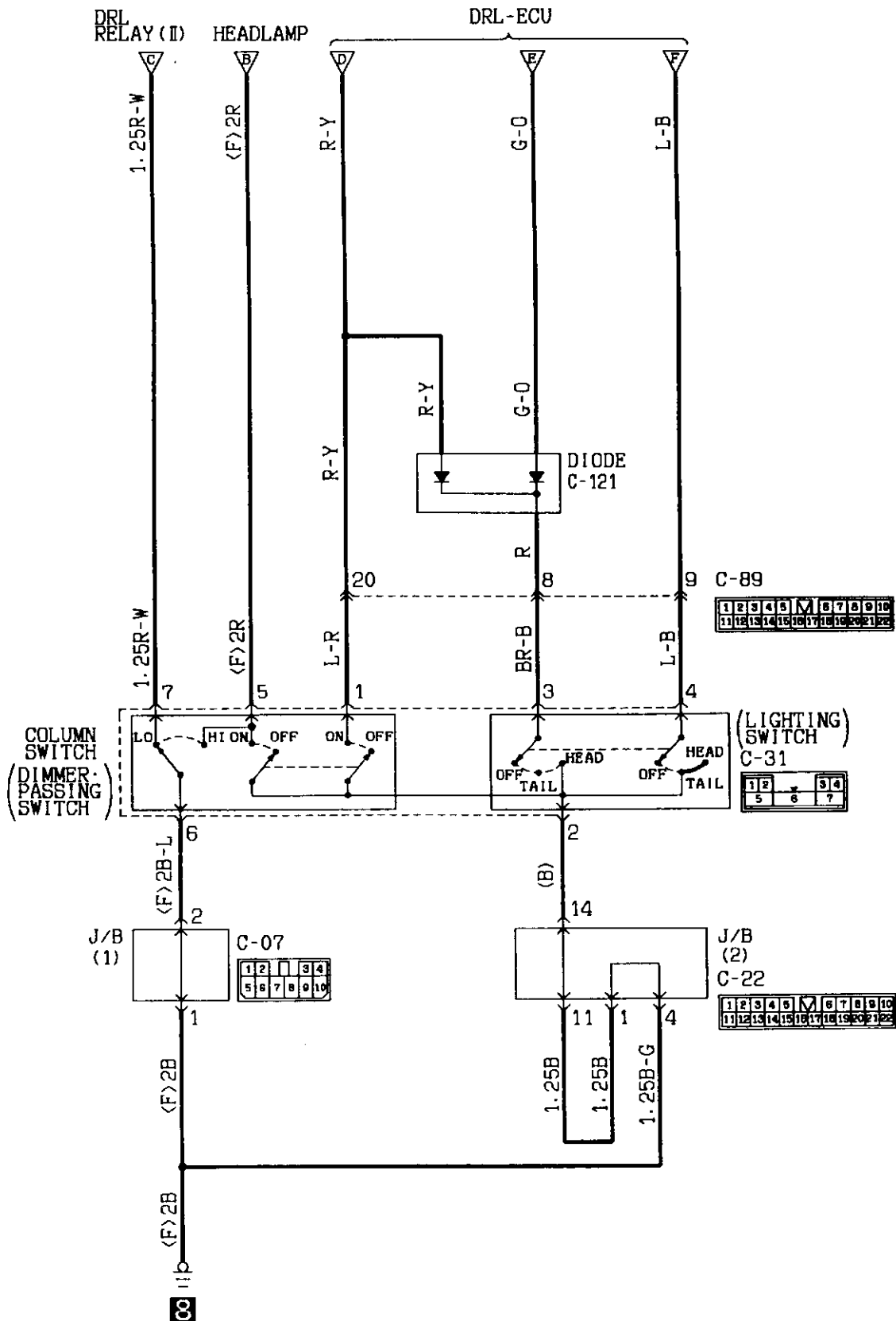
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown D:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F0806-EC



HEADLAMP

(L.H. drive vehicles with daytime running lamp)(CONTINUED)



Wire colour code

B:Black LG:Light green  
BR:Brown O:Orange

G:Green GR:Gray

L:Blue R:Red

W:White Y:Yellow  
P:Pink V:Violet

SB:Sky blue

**HEADLAMP <Vehicles with daytime running lamp> (See P. 4A-78.)****OPERATION**

Headlamp Relay ON Conditions

| Ignition switch | Lighting switch | Dimmer/passing switch | Headlamp relay |
|-----------------|-----------------|-----------------------|----------------|
| "ON"            | "OFF"           | —                     | ON             |
| —               | "HEAD"          | —                     | ON             |
| —               | —               | "PASS"                | ON             |

**<Daytime running lamp operation>**

- Turning the ignition switch to the ON position causes the headlamp relay, daytime running lamp relay (I), and tail lamp relay to be energized, which causes the headlamps, tail lamps, etc. to come on.

**<Low-beam operation>**

- Placing the lighting switch in the HEAD position causes the headlamp relay and daytime running lamp relay (II) to be energized.
- If the dimmer/passing switch is placed in the LO position at this time, the headlamps light up in low beam.

**<Upper-beam operation>**

- Placing the lighting switch in the HEAD position causes the headlamp relay and daytime running lamp relay (II) to be energized.
- If the dimmer/passing switch is placed in the HI position at this time, the headlamps light up in upper beam.

**<Upper-beam indicator lamp>**

- This lamp lights up when the upper/passing beams are on, indicating that the headlamps are on in upper beam.

**<Passing operation>**

- When the dimmer/passing switch is set to the "ON" position, the headlamp relay is switched ON and the upper beam of the headlamps illuminates.

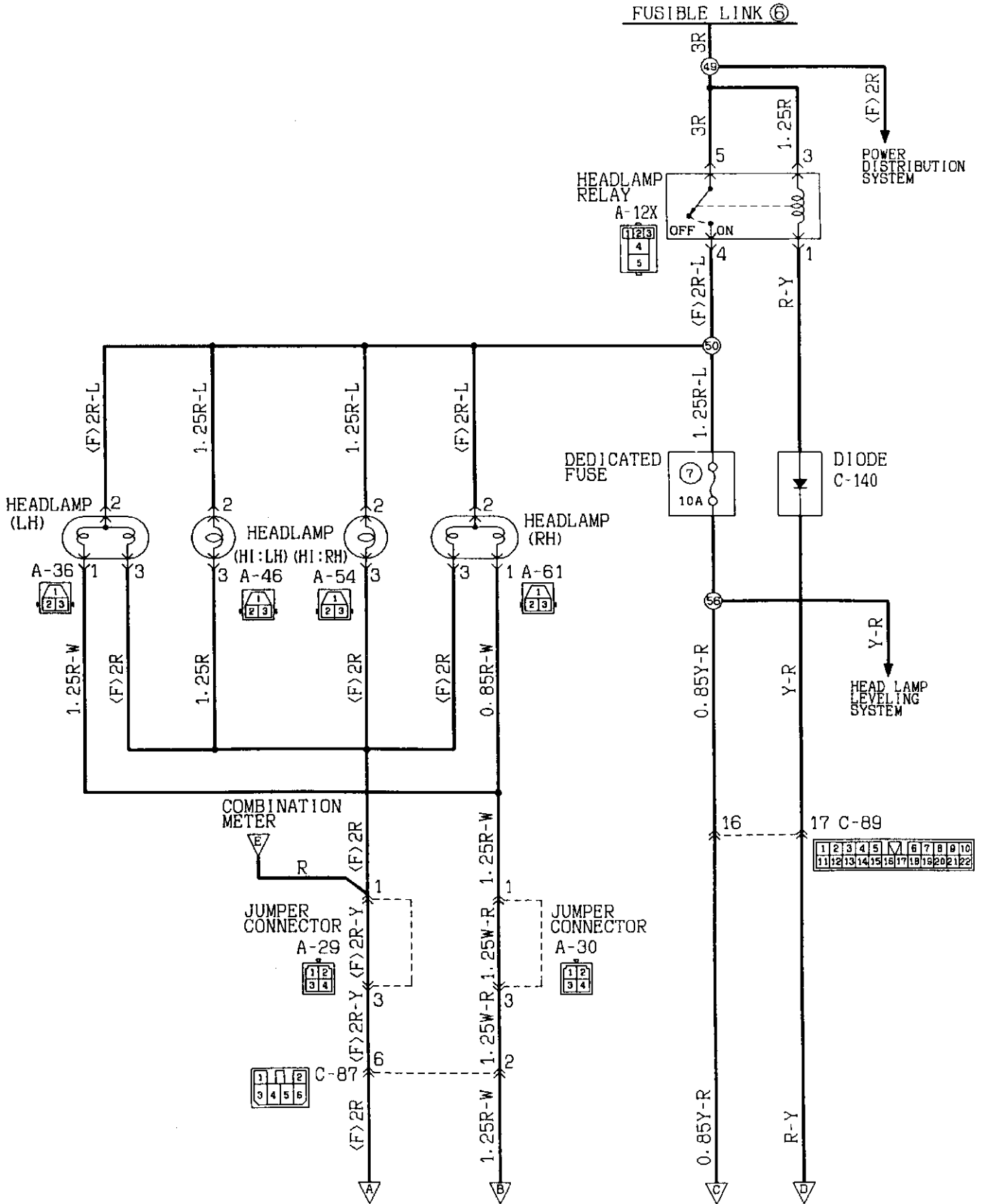
**TROUBLESHOOTING HINTS**

1. Headlamps don't come on.
  - 1) But the tail lamps do illuminate.
    - Check the headlamp relay.
    - Check the lighting switch.
  - 2) The tail lamps also don't illuminate.
    - Check the fusible link No. ⑥.
2. The low beam at both sides doesn't illuminate.
  - Check the dimmer switch LO contacts.
3. The upper beam at both sides doesn't illuminate.
  - 1) The passing signal functions OK.
    - Check the dimmer switch HI contacts.
  - 2) The passing signal doesn't function.
    - Check the dimmer switch.
    - Check the daytime running lamp relay (II).
    - Check the daytime running lamp control unit.
4. One headlamp doesn't illuminate.
  - Check the bulb.
5. Can't switch from low to upper beam or vice-versa.
  - Check the dimmer switch.
6. With the ignition switch at the "ON" position, the headlamps' low beam does not illuminate.
  - Check the daytime running lamp relay (I).
  - Check the daytime running lamp control unit.
7. Upper-beam indicator lamp does not come on.
  - 1) Headlamp upper beams are operational.
    - Check dedicated fuse No. ⑦.
    - Check the indicator lamp bulb.

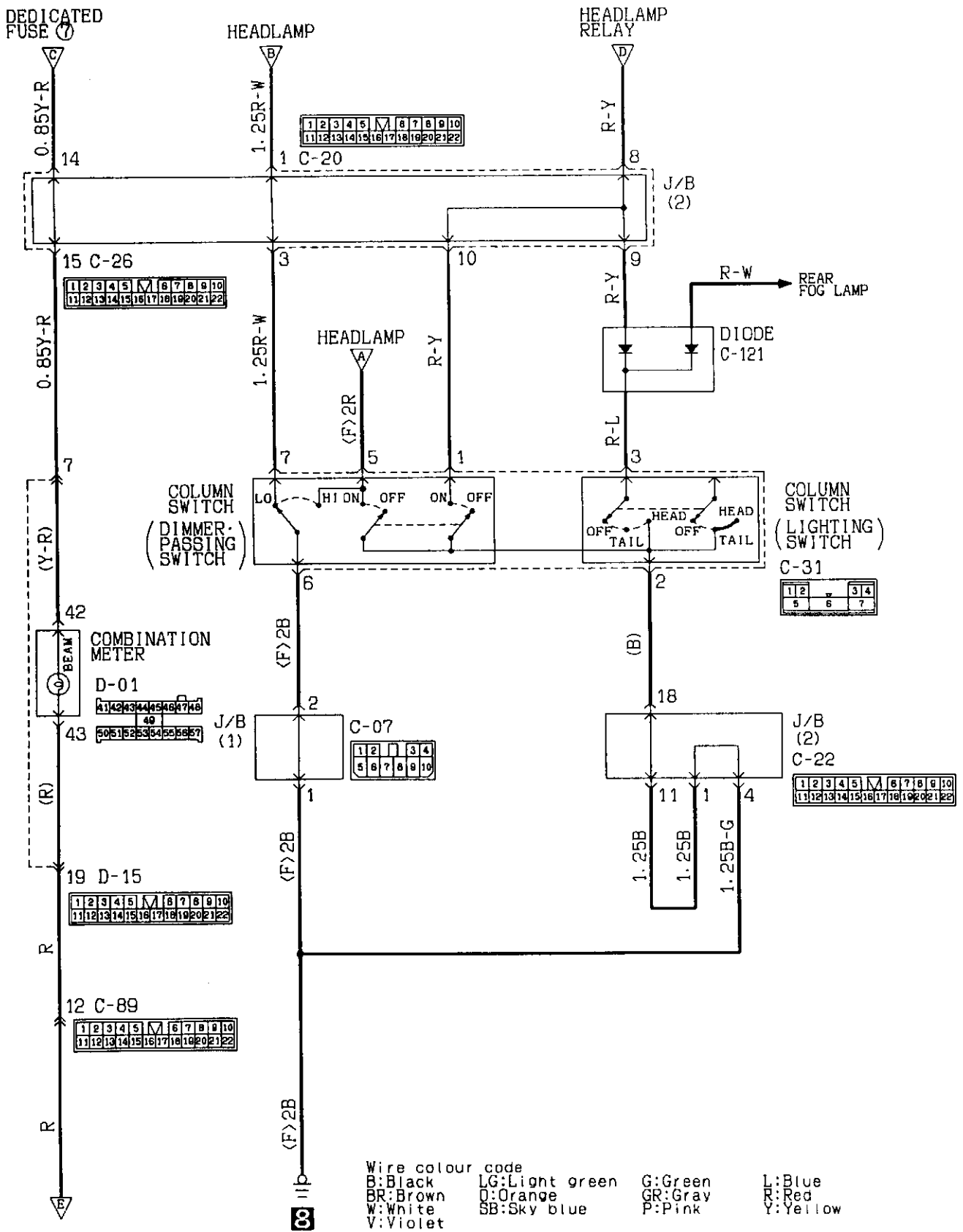


HEADLAMP

R. H. drive vehicles without dim-dip lamp

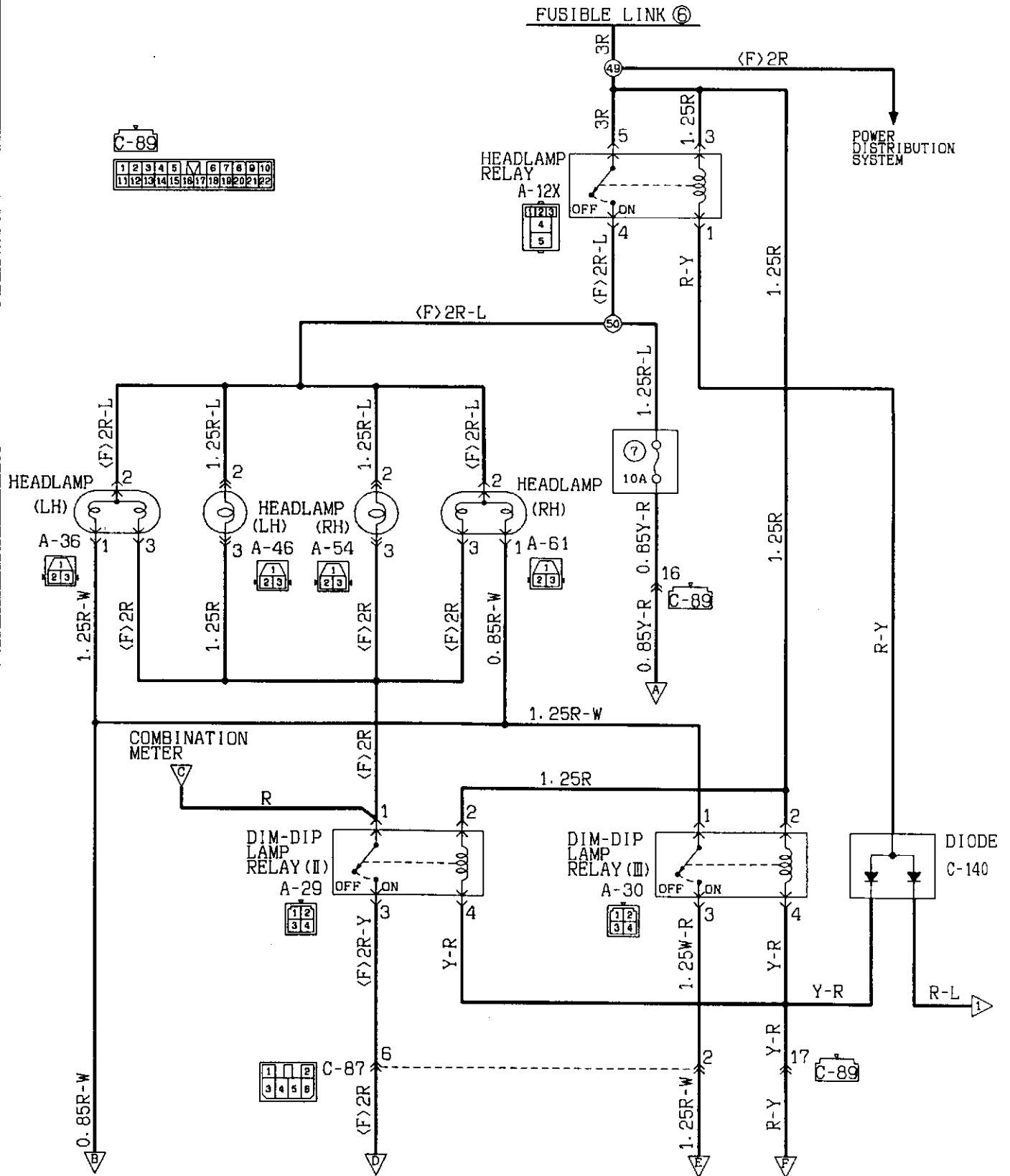


KX35-AC-F0848-EC

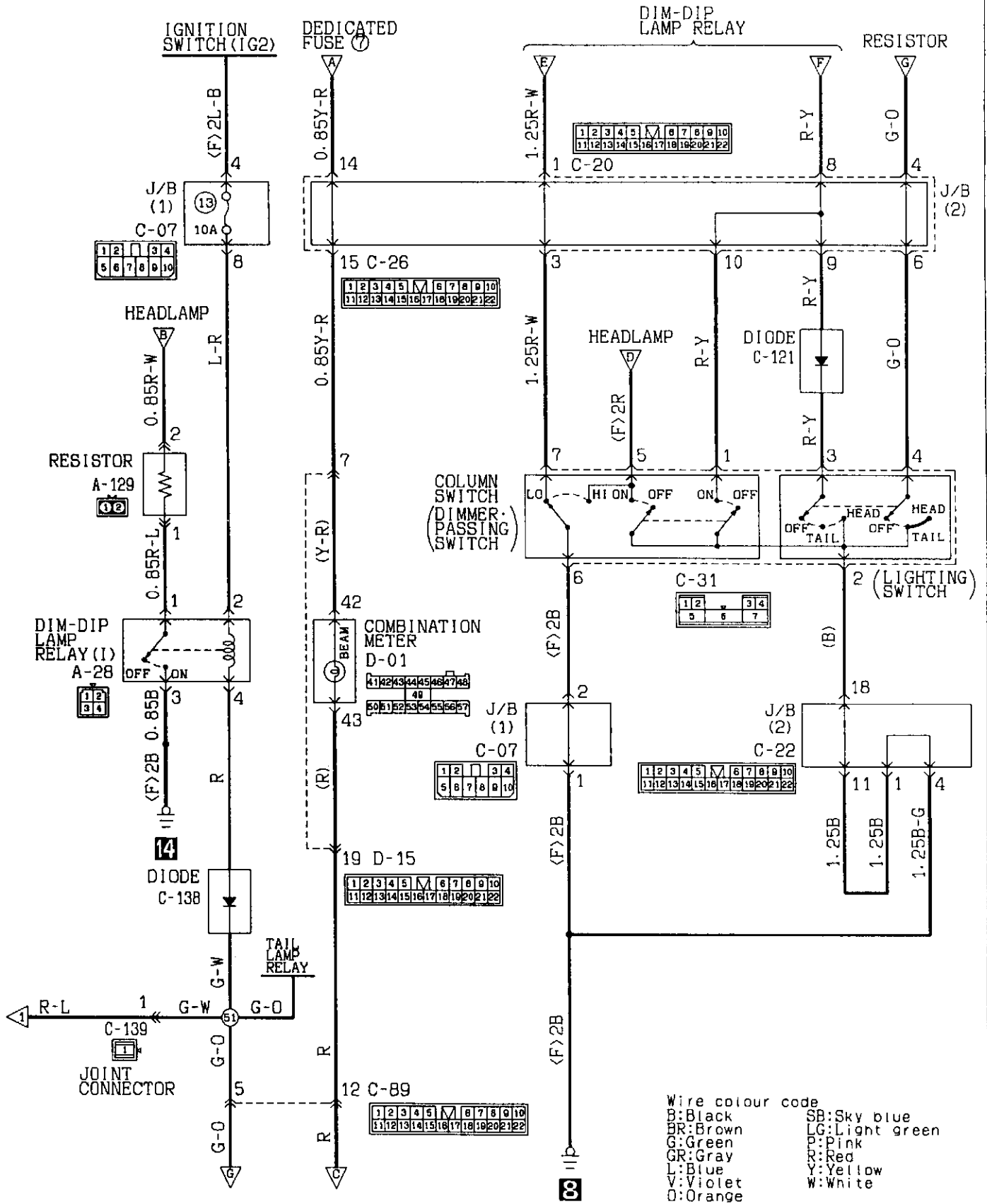


HEADLAMP

R. H. drive vehicles with dim-dip lamp



KX35-AC-F0849-EC



**HEADLAMP <Vehicles with dim-dip lamp> (See P. 4A-84.)****OPERATION**

Headlamp Relay ON Conditions

| Ignition switch | Lighting switch | Dimmer/passing switch | Headlamp relay |
|-----------------|-----------------|-----------------------|----------------|
| "ON"            | "TAIL"          | —                     | ON             |
| —               | "HEAD"          | —                     | ON             |
| —               | —               | "PASS"                | ON             |

**<Dim-dip lamp operation>**

- Placing the lighting switch in the TAIL position causes dim-dip lamp relay (I) to be energized.
- This causes the headlamp relay to be also energized resulting in the headlamps being lit up dimly through the circuit by way of resistor.

**<Low-beam operation>**

- Placing the lighting switch in the HEAD position causes the headlamp relay, dim-dip lamp relay (II), and dim-dip lamp relay (III) to be energized.
- If the dimmer/passing switch is placed in the LO position at this time, the headlamps light up in low beam.

**<Upper-beam operation>**

- Placing the lighting switch in the HEAD position causes the headlamp relay, dim-dip lamp (II) and dim-dip lamp relay (III) to be energized.
- If the dimmer/passing switch is placed in the HI position at this time, the headlamps light up in upper beam.

**<Upper-beam indicator lamp>**

- This lamp lights up when the upper/passing beams are on, indicating that the headlamps are on in upper beam.

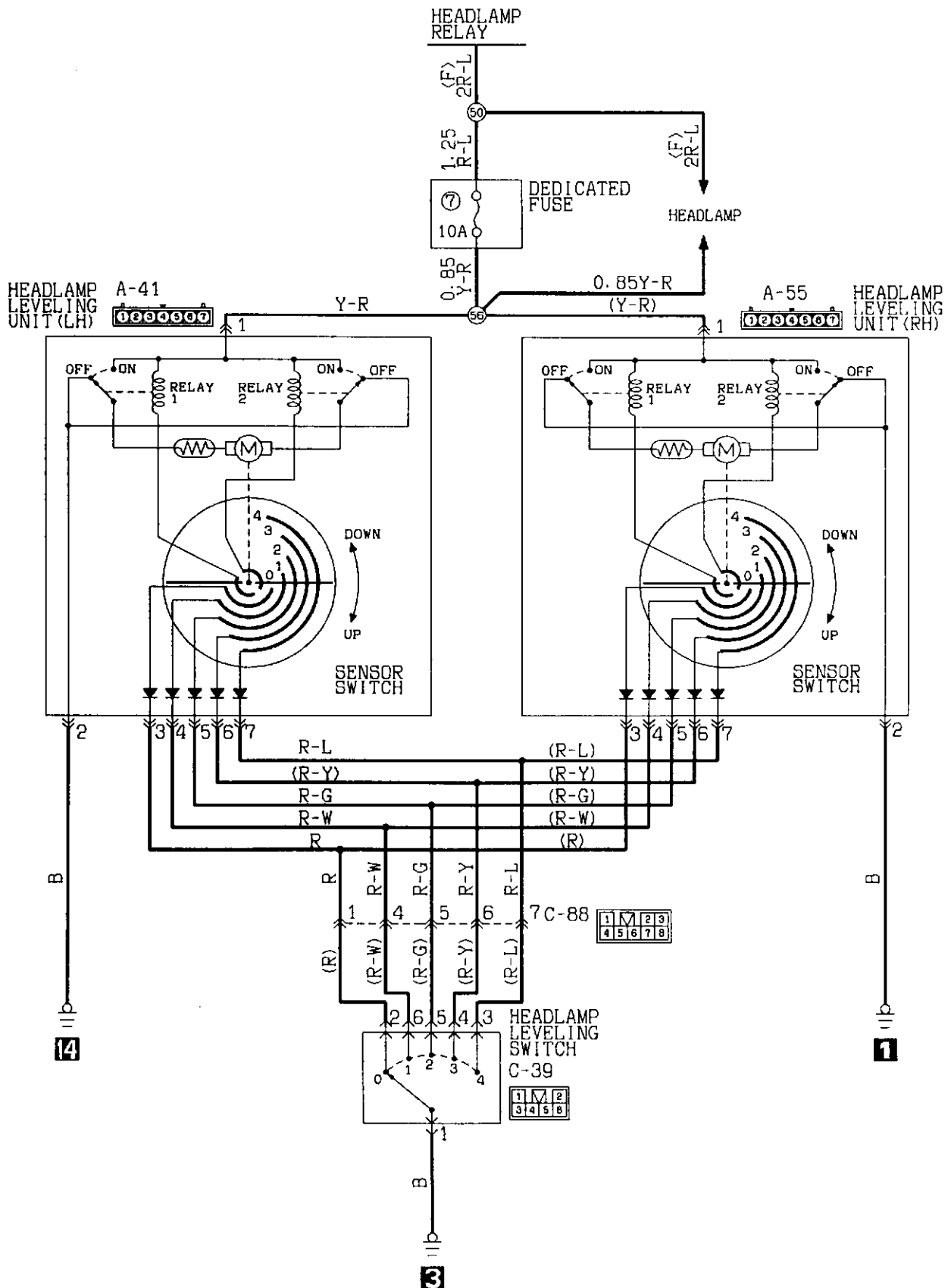
**<Passing operation>**

- When the dimmer/passing switch is set to the "ON" position, the headlamp relay is switched ON and the upper beam of the headlamps illuminates.

**TROUBLESHOOTING HINTS**

1. Headlamps don't come on.
  - 1) But the tail lamps do illuminate.
    - Check the headlamp relay.
    - Check the lighting switch.
    - Check the dim-dip lamp relays (II) and (III).
  - 2) The tail lamps also don't illuminate.
    - Check the fusible link No. ⑥.
2. The low beam at both sides doesn't illuminate.
  - Check the dimmer switch LO contacts.
3. The upper beam at both sides doesn't illuminate.
  - 1) The passing signal functions OK.
    - Check the dimmer switch HI contacts.
  - 2) The passing signal doesn't function.
    - Check the dimmer switch.
4. One headlamp doesn't illuminate.
  - Check the bulb.
5. Can't switch from low to upper beam or vice-versa.
  - Check the dimmer switch.
6. The headlamps' low beam does not illuminate at the "TAIL" position of the lighting switch.
  - 1) The low beam does illuminate, however, when, with lighting switch at the "HEAD" position, the dimmer switch is set to "LO".
    - Check the dim-dip lamp relay (I).
    - Check the resistor.
    - Check the diode.
7. Upper-beam indicator lamp does not come on.
  - 1) Headlamp upper beams are operational.
    - Check dedicated fuse No. ⑦.
    - Check the indicator lamp bulb.

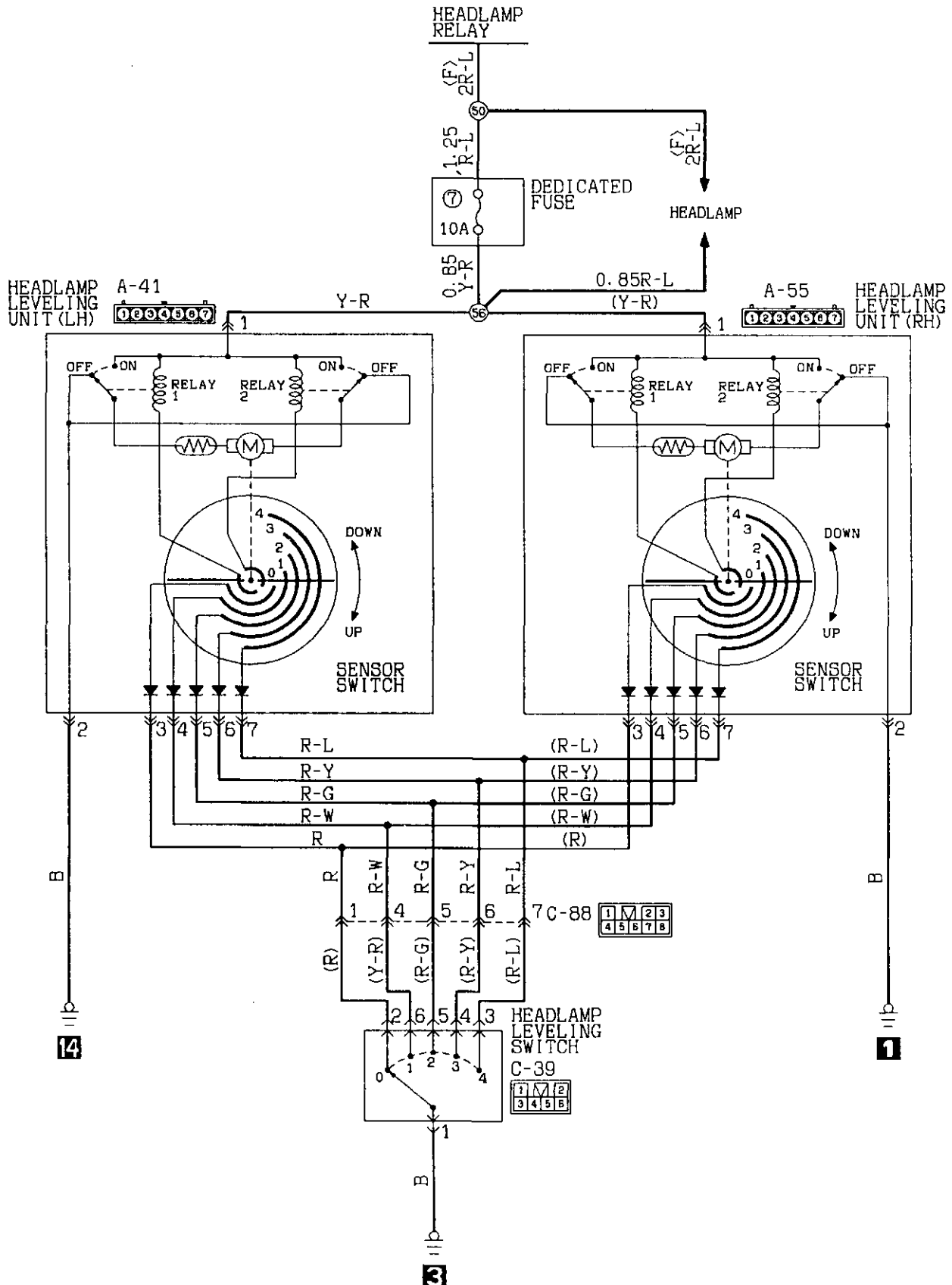
HEADLAMP LEVELING SYSTEM  
L.H. drive vehicles



Wire colour code  
 B:Black Lg:Light green G:Green L:Blue W:White Y:Yellow Sp:Sky blue  
 Br:Brown O:Orange Gr:Gray R:Red P:Pink V:Violet

# HEADLAMP LEVELING SYSTEM

R.H. drive vehicles



Wire colour code  
 B:Black L:Light green G:Green L:Blue W:White Y:Yellow Sb:Sky blue  
 Br:Brown O:Orange Gr:Gray R:Red P:Pink V:Violet

**HEADLAMP LEVELING SYSTEM (See P. 4A-87, 88.)****OPERATION****Downtilt operation**

- When the headlamps are switched ON, battery voltage is applied, through dedicated fuse no. ④ (10A), from the headlamp relay to the headlamp leveling unit.
- When the headlamp leveling switch setting is changed from the "0" position to the "1" position, electricity flows from Relay 2 to print base 1 to the headlamp leveling switch and to earth; the Relay 2 contacts are thus switched ON and the motor is activated. As a result, the headlamp leveling unit's shaft is pushed outward, the reflector tilts downward, and the optical axis of the headlamps is tilted in the downward direction.
- At the same time, the contacts of the sensor switch, which are interlocked with the movement of the motor, also turn in the "DOWN" direction, and, at the position where there is no longer contact of print base 1 and the brush contact, Relay 2 is switched OFF and the motor stops.
- In the same way as described above, when the headlamp leveling switch setting is changed from the "1" position to the "2" position and further to the "3" position and the "4" position, the motor continues to rotate so that the headlamp leveling unit's shaft is pushed outward, tilting the reflector further downward; the optical axis of the headlamps is at the maximum downward tilt at the "4" position of the headlamp leveling switch.

**Return operation**

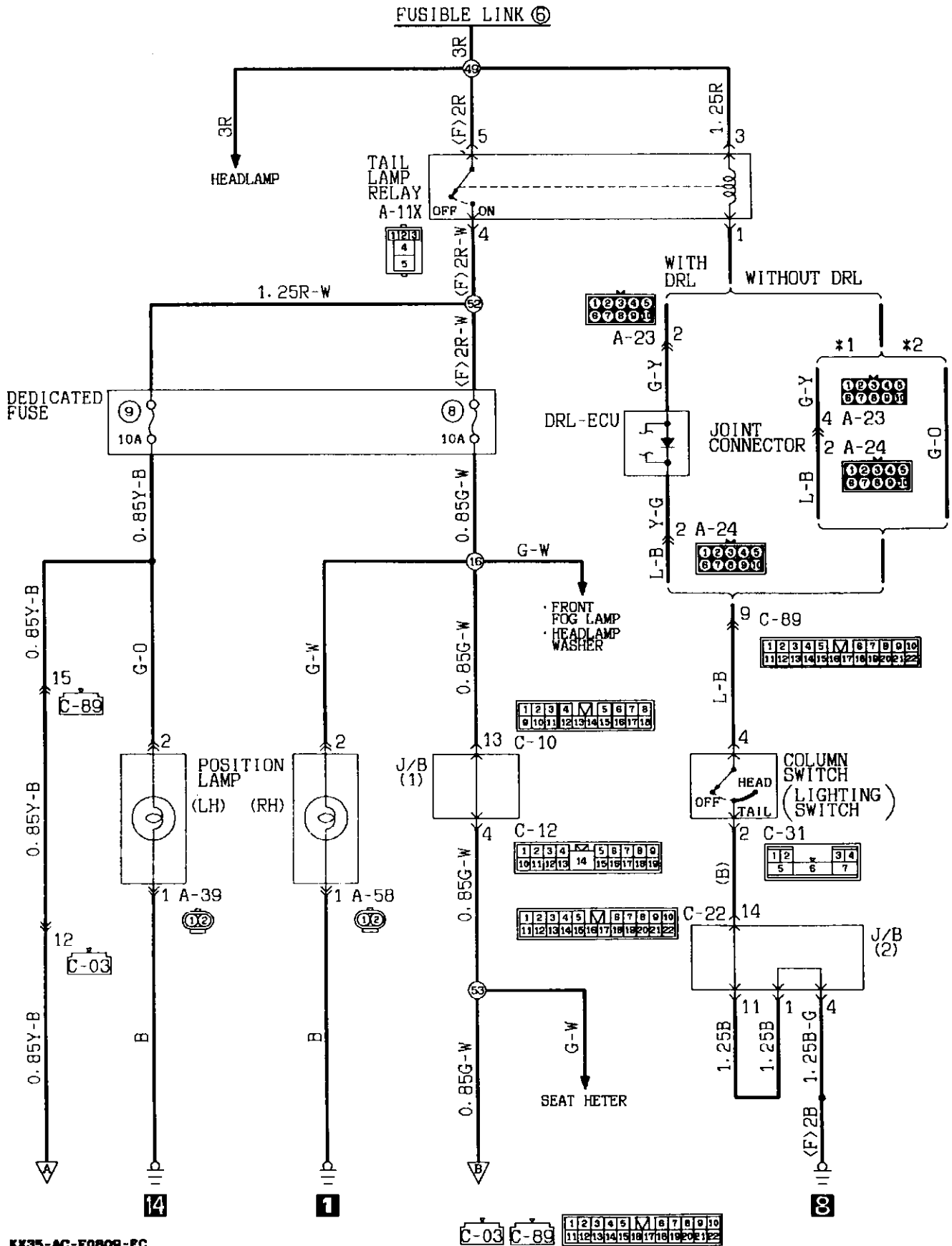
- When the setting of the headlamp leveling switch is changed from the "4" position to the "3" position, electricity flows from Relay 1 to print base 3 to the headlamp leveling switch and to earth; the Relay 1 contacts are thus switched ON, and the motor rotates in the direction opposite to that for downtilt.  
As a result, the headlamp leveling unit's shaft is drawn inward, the tilt of the reflector is reduced, and the optical axis of the headlamps is changed in the upward direction.
- At the same time, the contacts of the sensor switch turn in the "UP" direction, and, at the position where there is no longer contact of print base 3 and the brush contact, Relay 1 is switched OFF and the motor stops.
- When the setting of the headlamp leveling switch is further changed from the "3" position to the "2" position and to the "1" position, the motor continues to rotate, and the optical axis of the headlamps returns to the minimum tilt position at the "0" setting of the switch.
- In order to prevent overheat damage to the motor as a result of frequent operation of the headlamp leveling system, a thermistor is provided in the circuitry within the headlamp leveling unit.

**TROUBLESHOOTING HINTS**

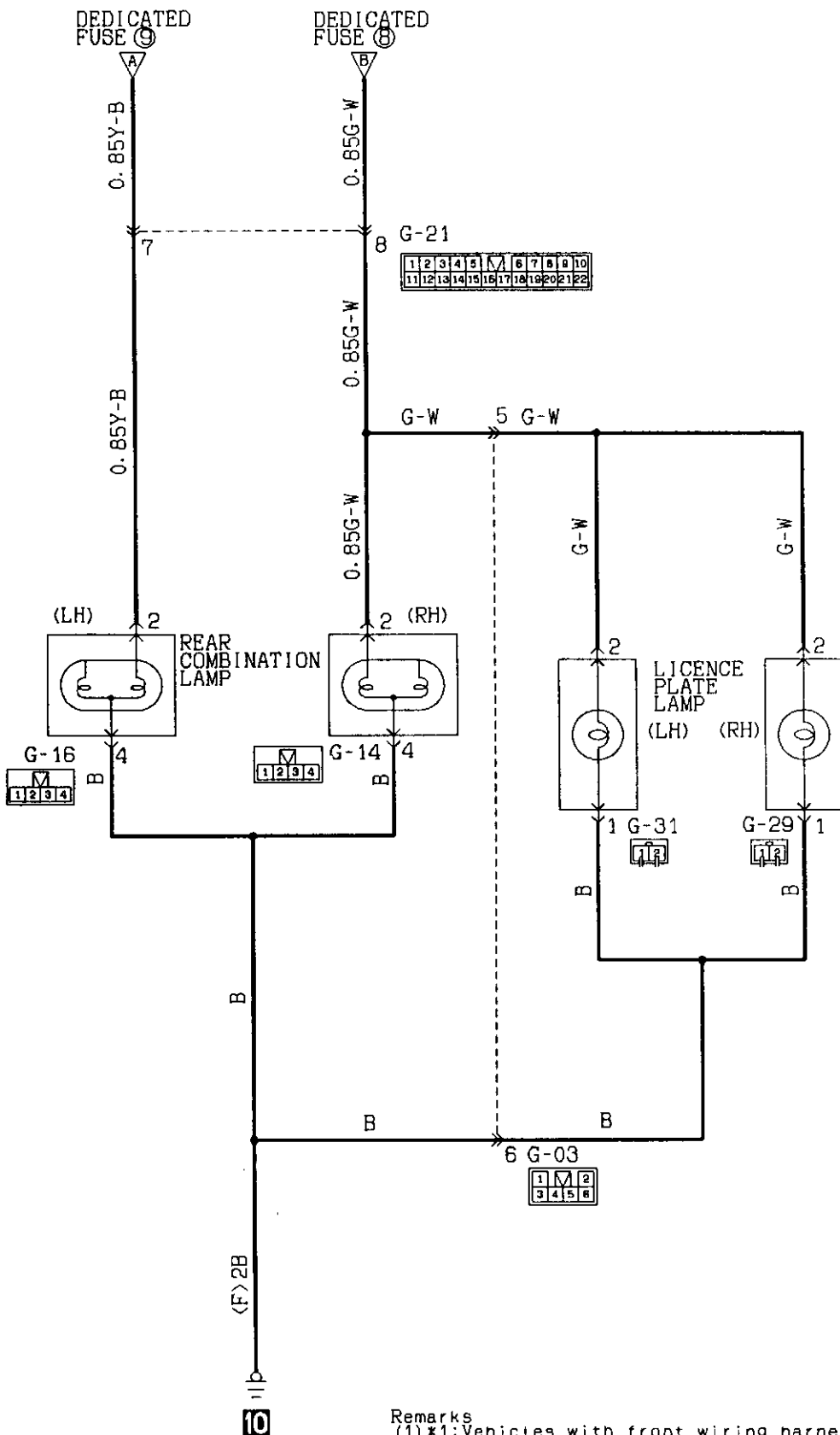
1. No operation of the headlamp leveling system.
  - (1) The upper beam indicator lamp also does not illuminate.
    - Check dedicated fuse no. ⑦.
  - (2) The upper beam indicator lamp illuminates.
    - Check the headlamp leveling switch.
    - Check the headlamp leveling unit.
2. Either the left or right part of the headlamp leveling system does not operate.
  - Check the headlamp leveling unit for the side that does not operate.
3. Either the downtilt operation or the return operation does not function.
  - Check the headlamp leveling unit.



TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP  
Sedan<L. H. drive vehicles>



KX35-AC-F0809-EC



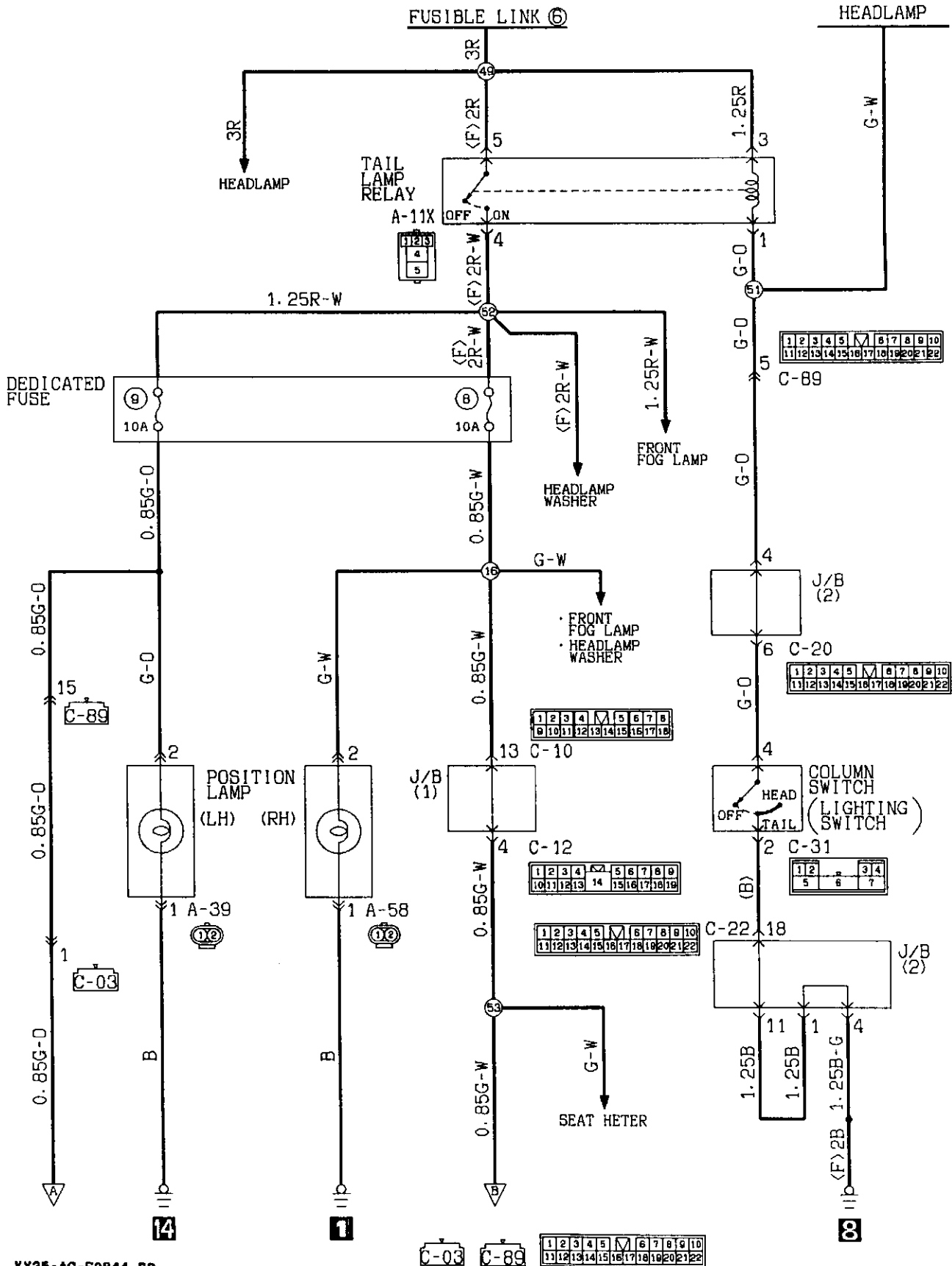
Remarks

- (1) \*1: Vehicles with front wiring harness joint connector.
- (2) \*2: Vehicles without front wiring harness joint connector.

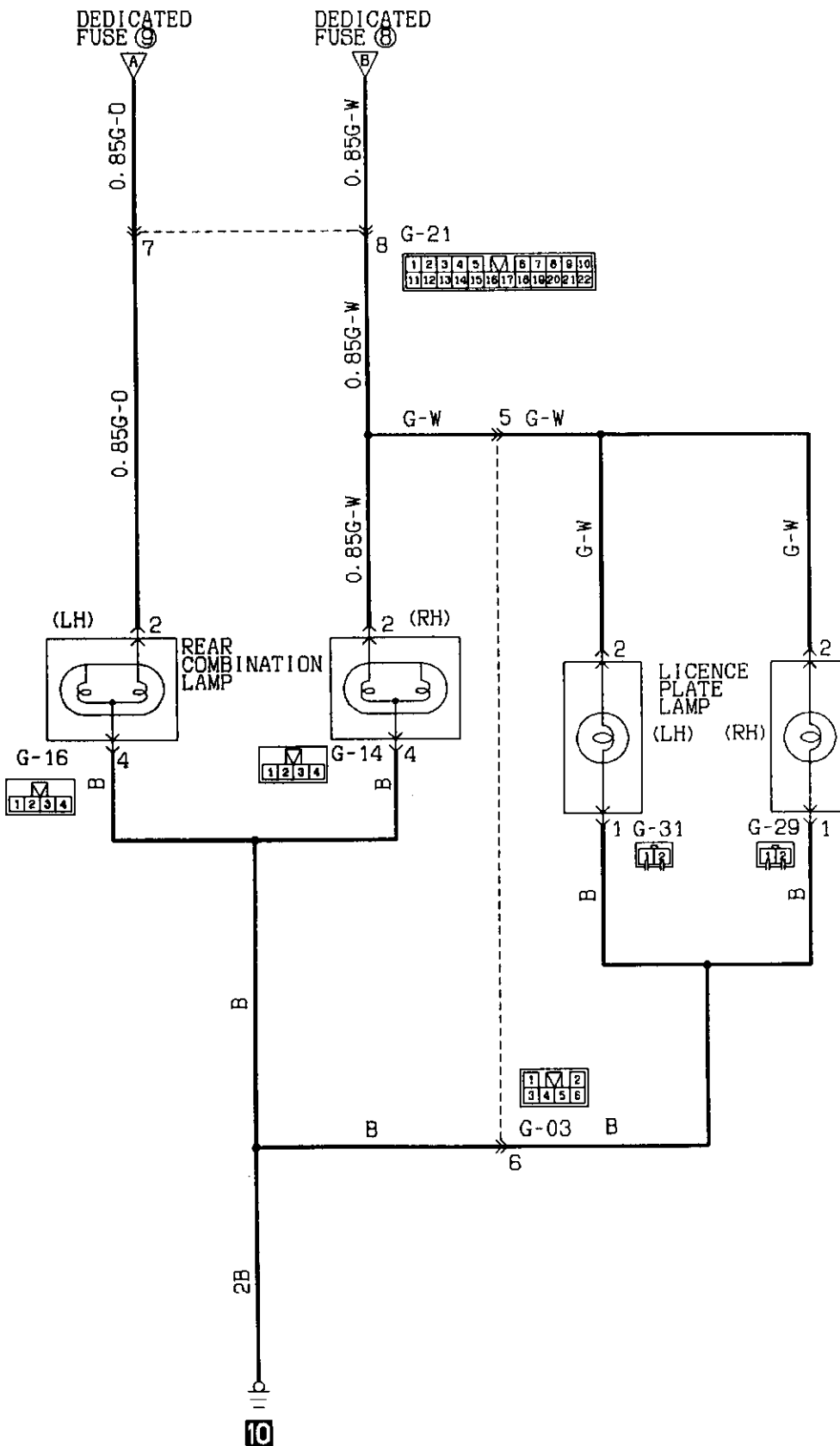
Wire colour code

B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP  
Sedan (R.H. drive vehicles)

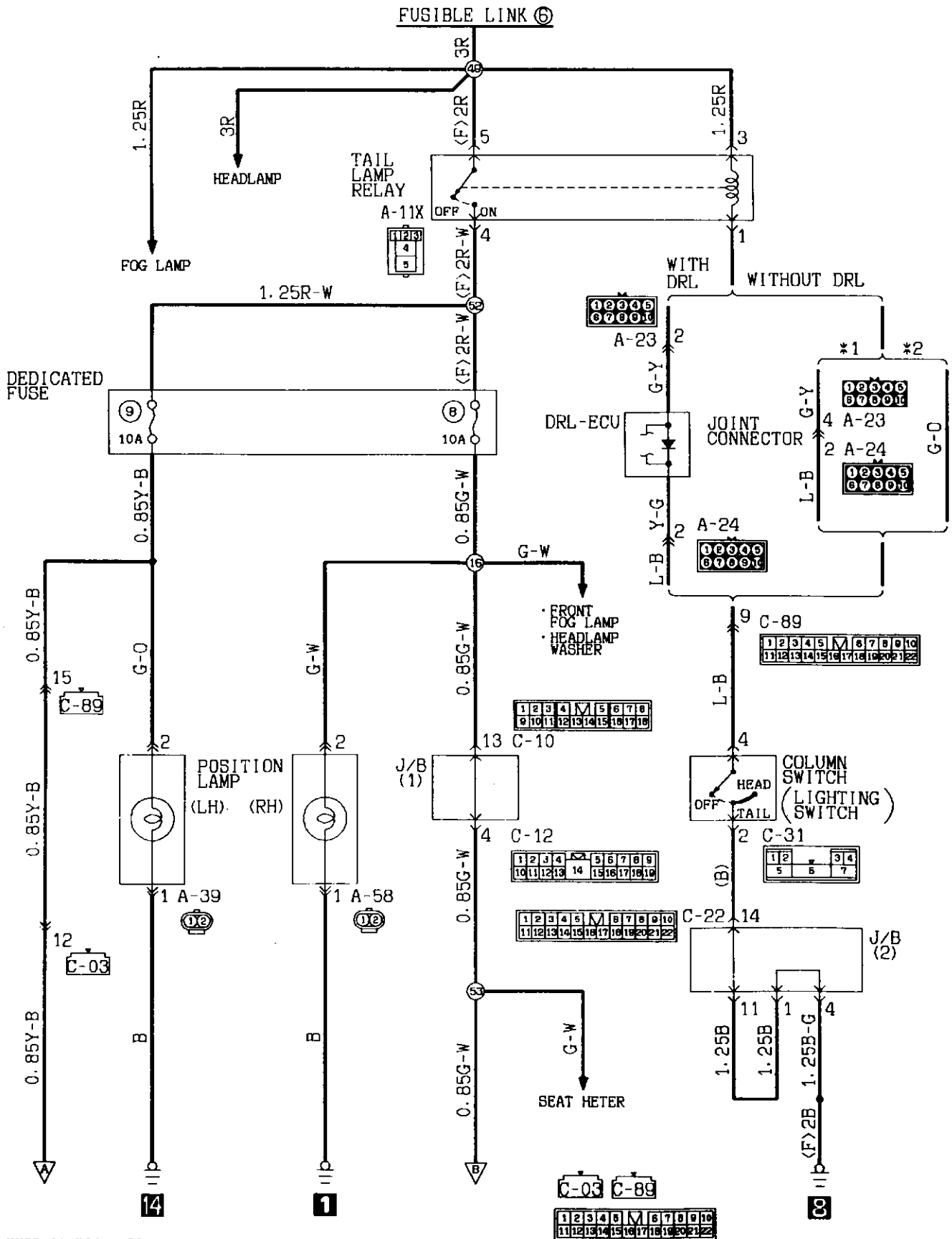


KX35-AC-F0B44-EC

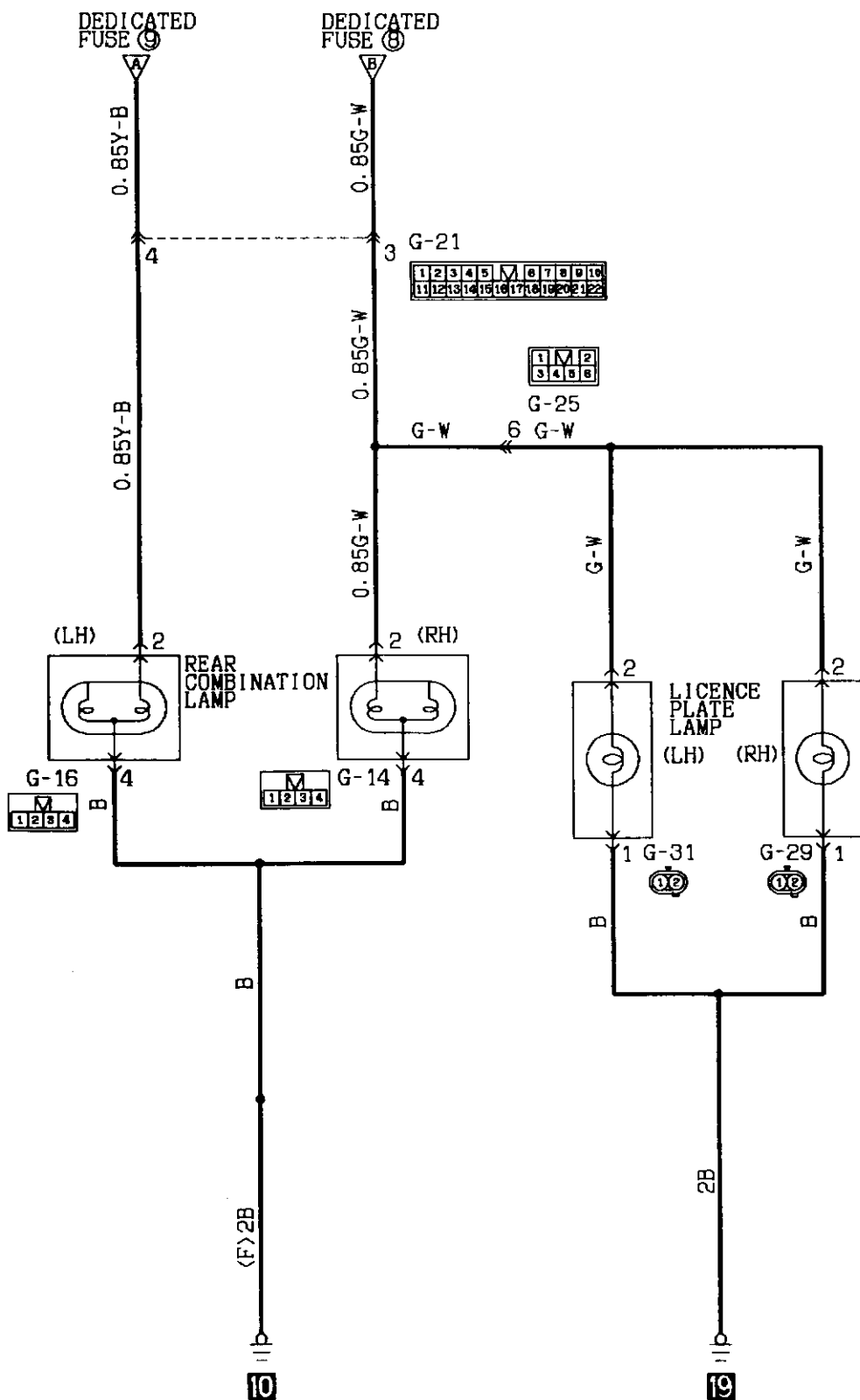


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP  
Hatchback (L.H. drive vehicles)



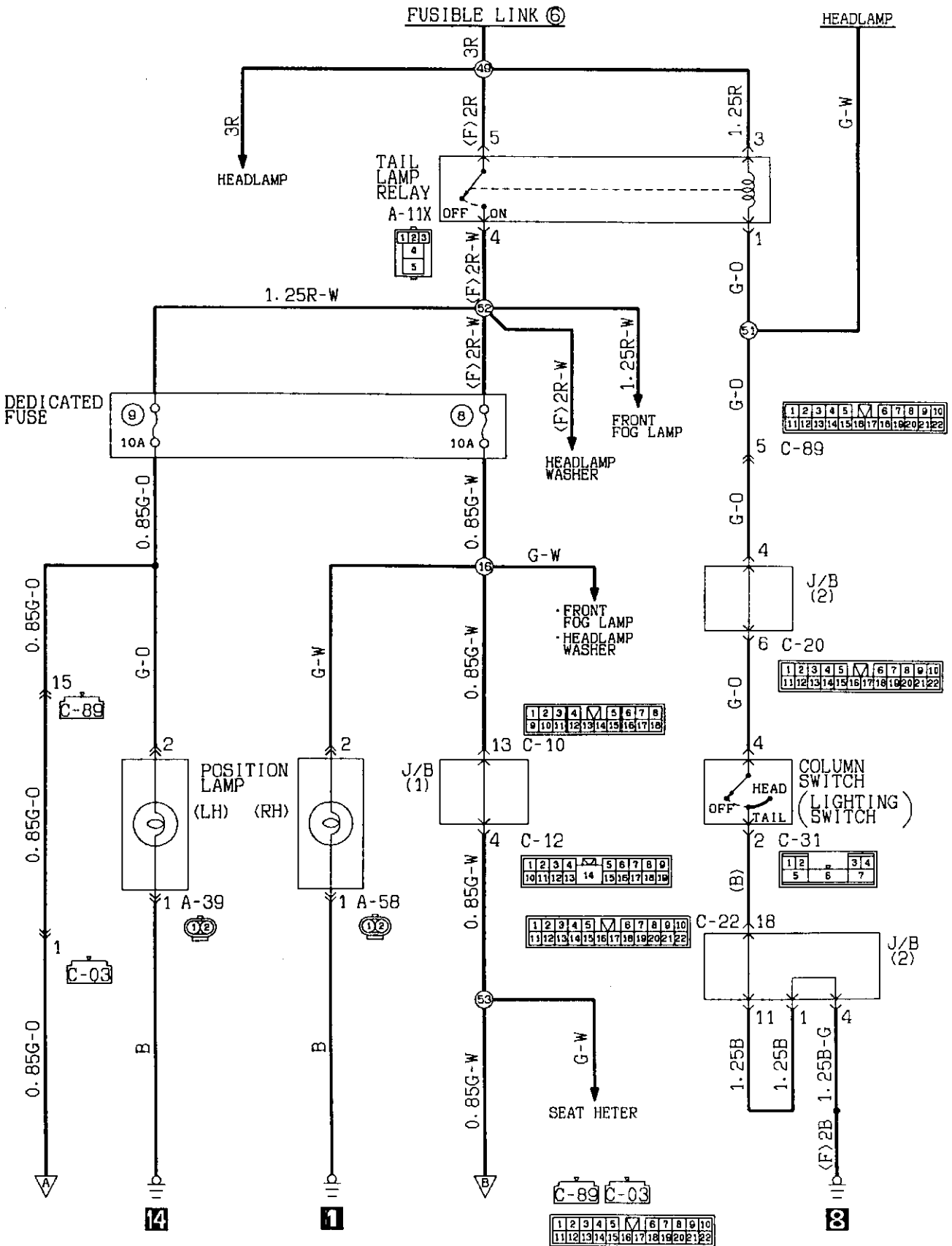
KX35-AC-F0811-EC



Remarks  
 (1) \*1: Vehicles with front wiring harness joint connector.  
 (2) \*2: Vehicles without front wiring harness joint connector.

Wire colour code  
 B: Black    LG: Light green    G: Green    L: Blue    W: White    Y: Yellow    SB: Sky blue  
 BR: Brown    O: Orange    GR: Gray    R: Red    P: Pink    V: Violet

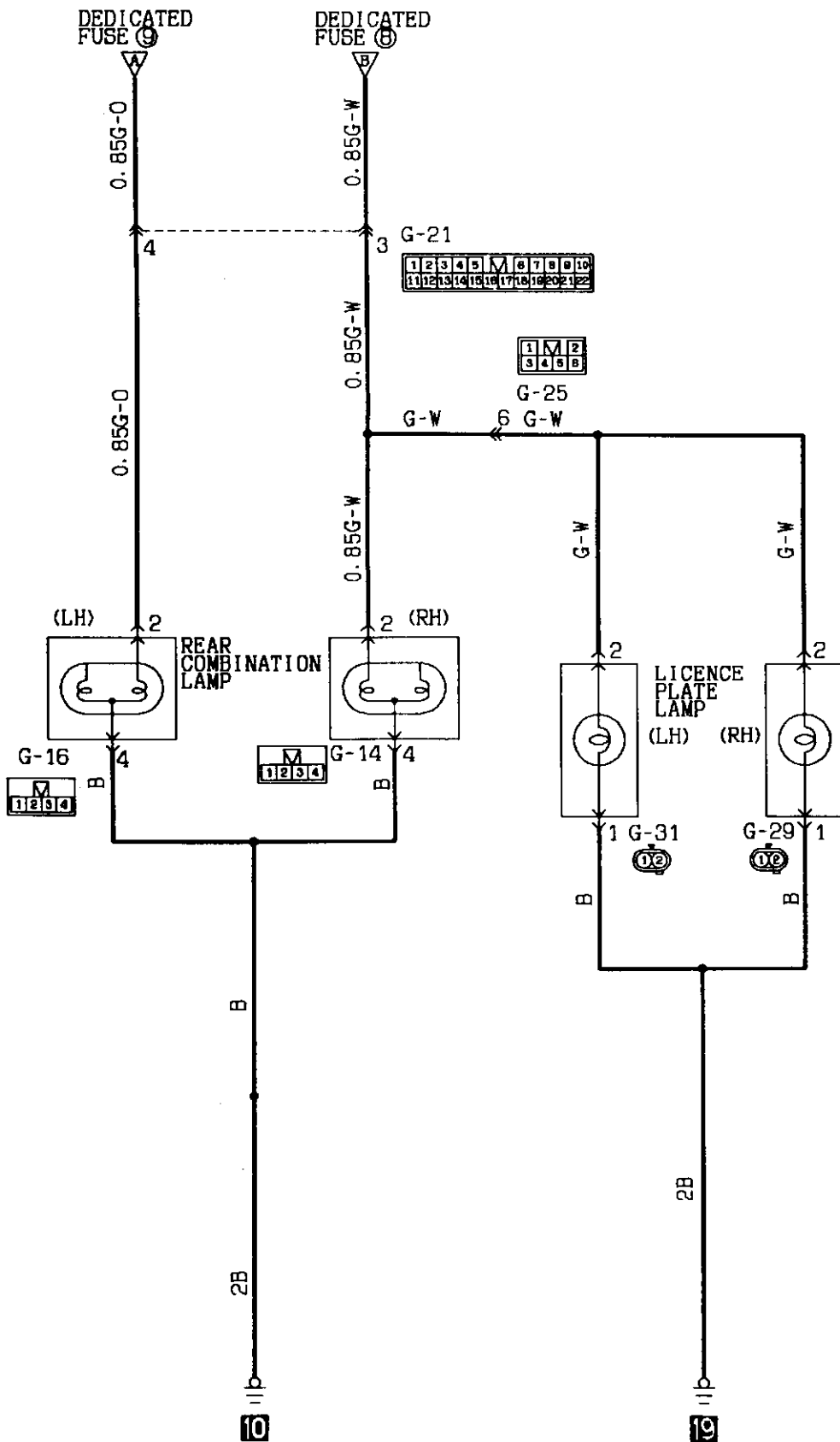
TAIL LAMP, POSITION LAMP AND LISENCE PLATE LAMP  
Hatchback (R. H. drive vehicles)



KX35-AC-F0843-EC

# CIRCUIT DIAGRAM

4A-97



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



**TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP (See P. 4A-90, 92, 94, 96.)****OPERATION**

- Placing the lighting switch in the "TAIL" or "HEAD" position causes the tail lamp relay to be energized.  
For vehicles with daytime running lamps, if the ignition switch is turned to the "ON" position, the tail lamp relay normally is always "ON".
- As a result, current flows by way of dedicated fuse No. ⑧ and No. ⑨ to each lamp, causing the lamp to go on.

**FRONT FOG LAMP (See P. 4A-100, 102.)****OPERATION**

- Placing the lighting switch in the "TAIL" or "HEAD" position causes the tail lamp relay to be energized.  
For vehicles with daytime running lamps, if the ignition switch is turned to the "ON" position, the tail lamp relay normally is always "ON".
- When the front fog lamp switch is turned "ON" in this condition, the front fog lamp relay will turn "ON" and the front fog lamp goes on.

**TROUBLESHOOTING HINTS**

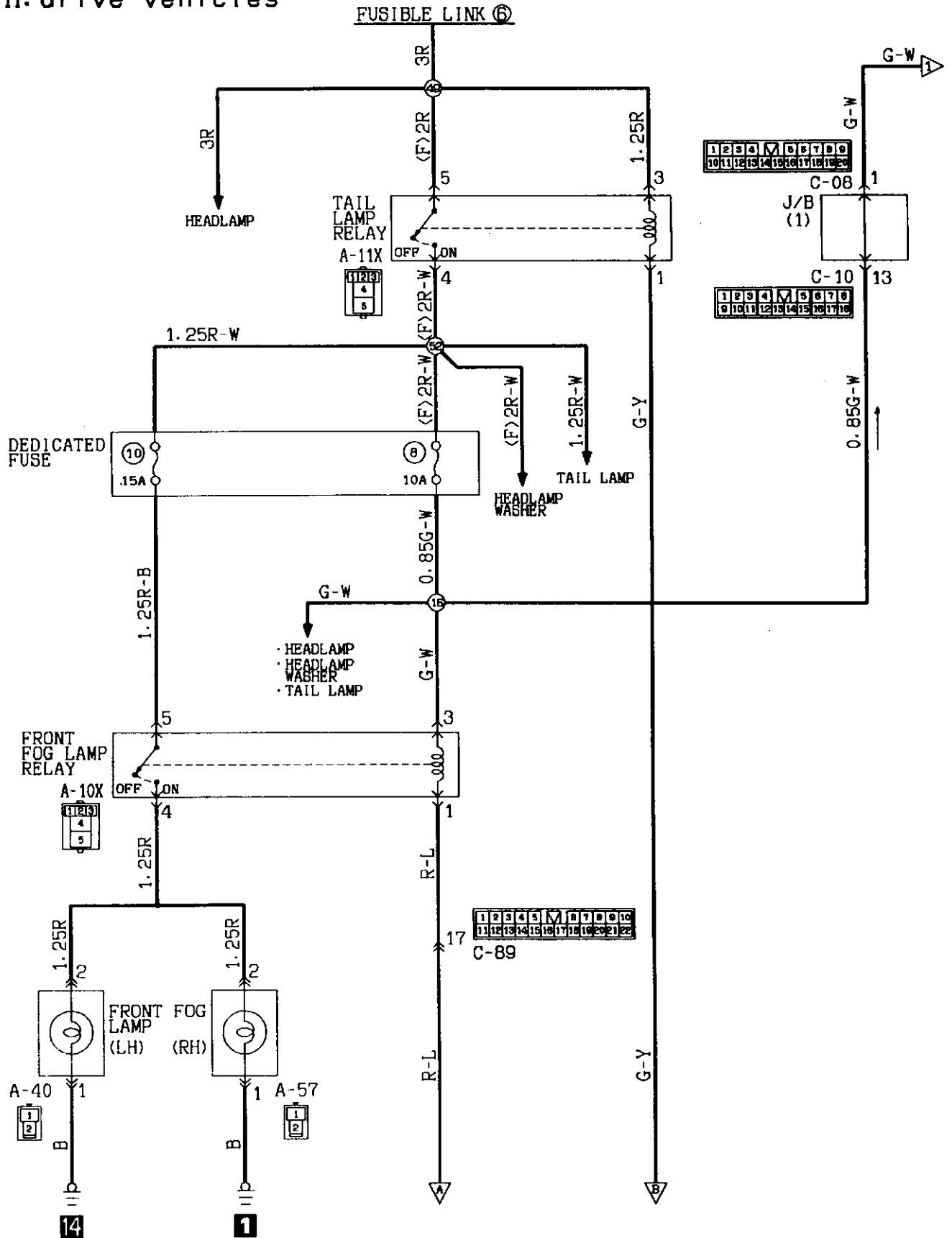
1. No lamp go on.
  - 1) Headlamps do not go on, either.
    - Check fusible link No. ⑥.
  - 2) Headlamps go on.
    - Check tail lamp relay.
    - Check dedicated fuse No. ⑧ and No. ⑨.

**TROUBLESHOOTING HINTS**

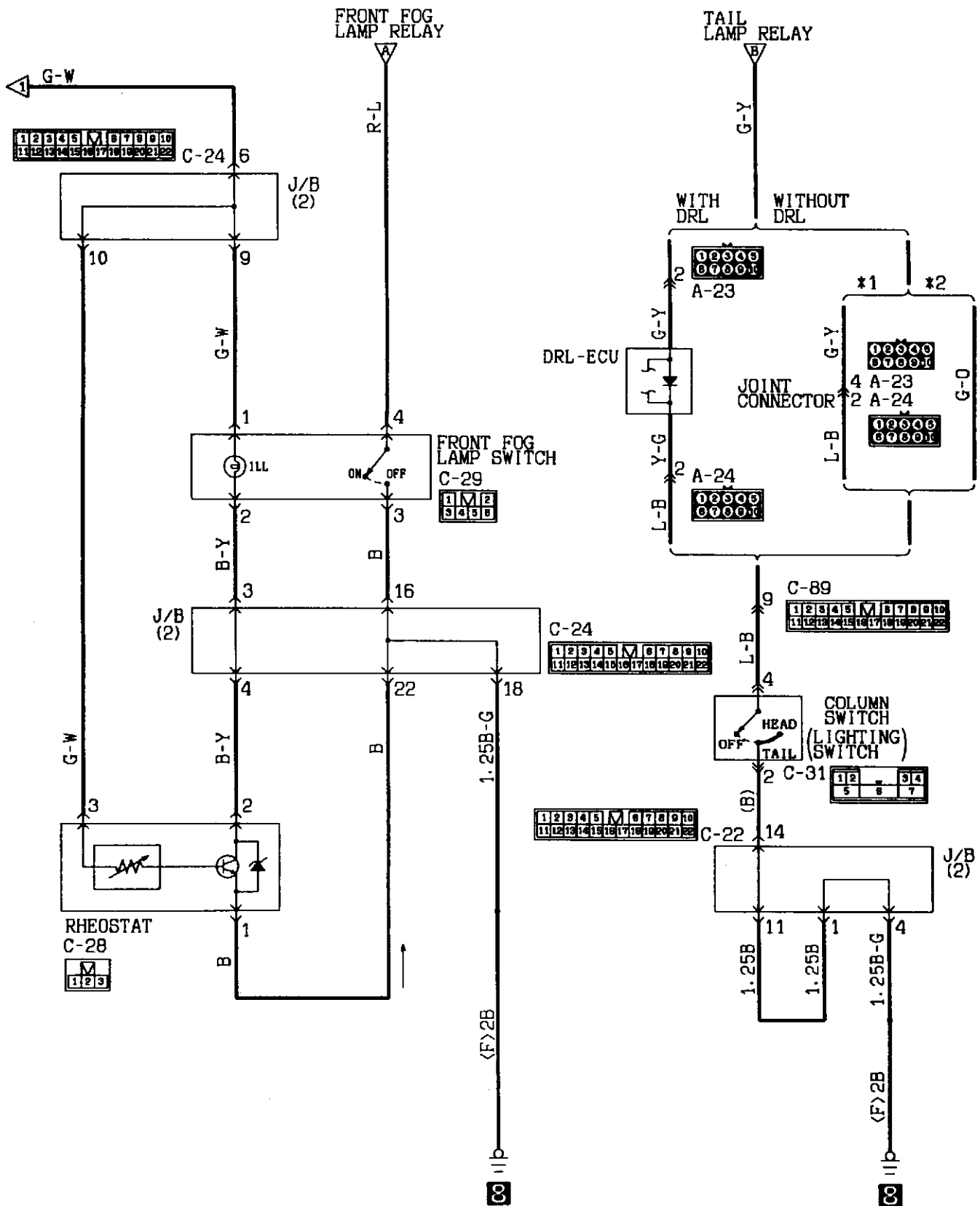
1. The front fog lamp does not light up.
  - 1) The tail lamp lights up.
    - Check front fog lamp relay.
    - Check front fog lamp switch.

**NOTES**

FRONT FOG LAMP  
L.H. drive vehicles



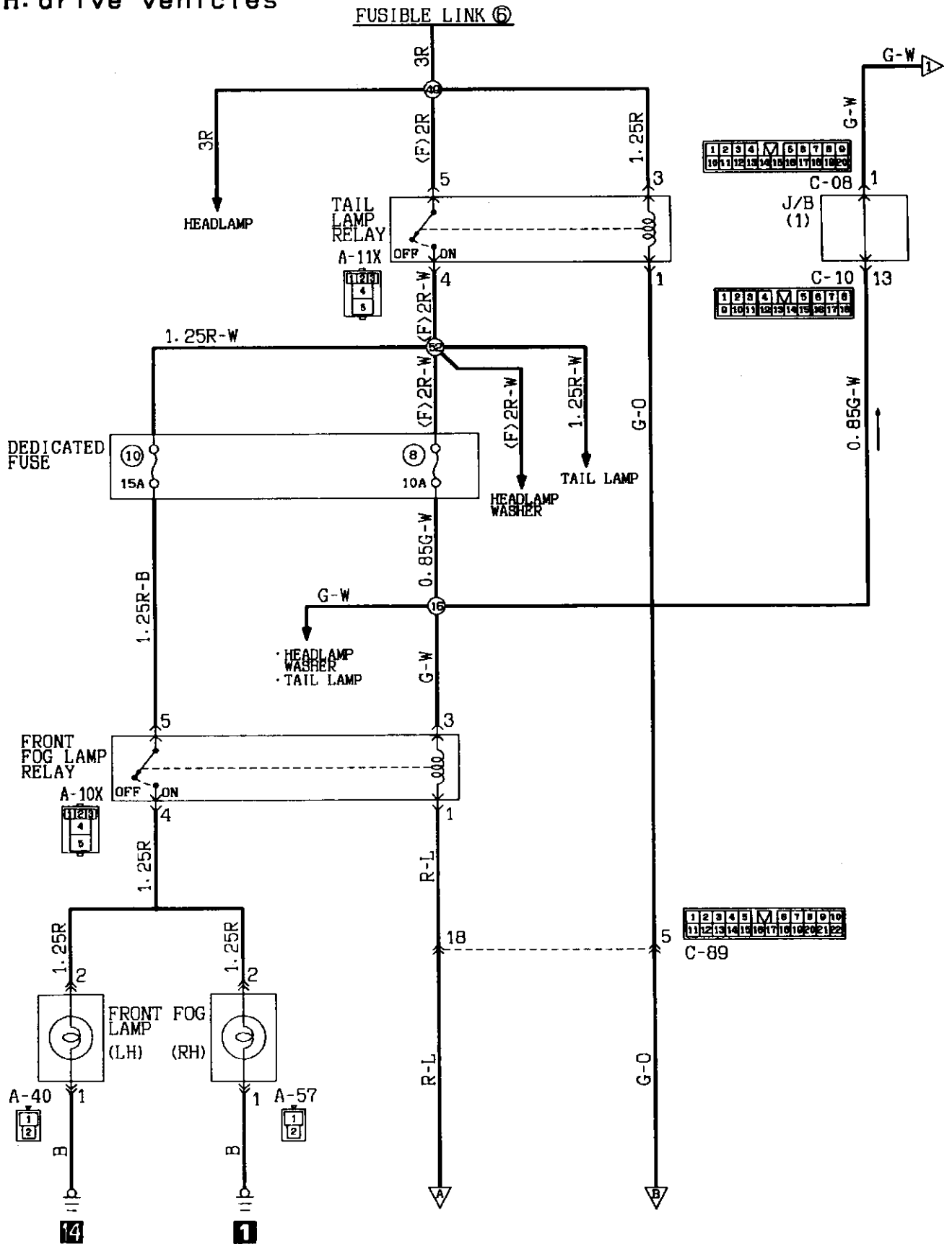
KX35-AC-F0613-EC



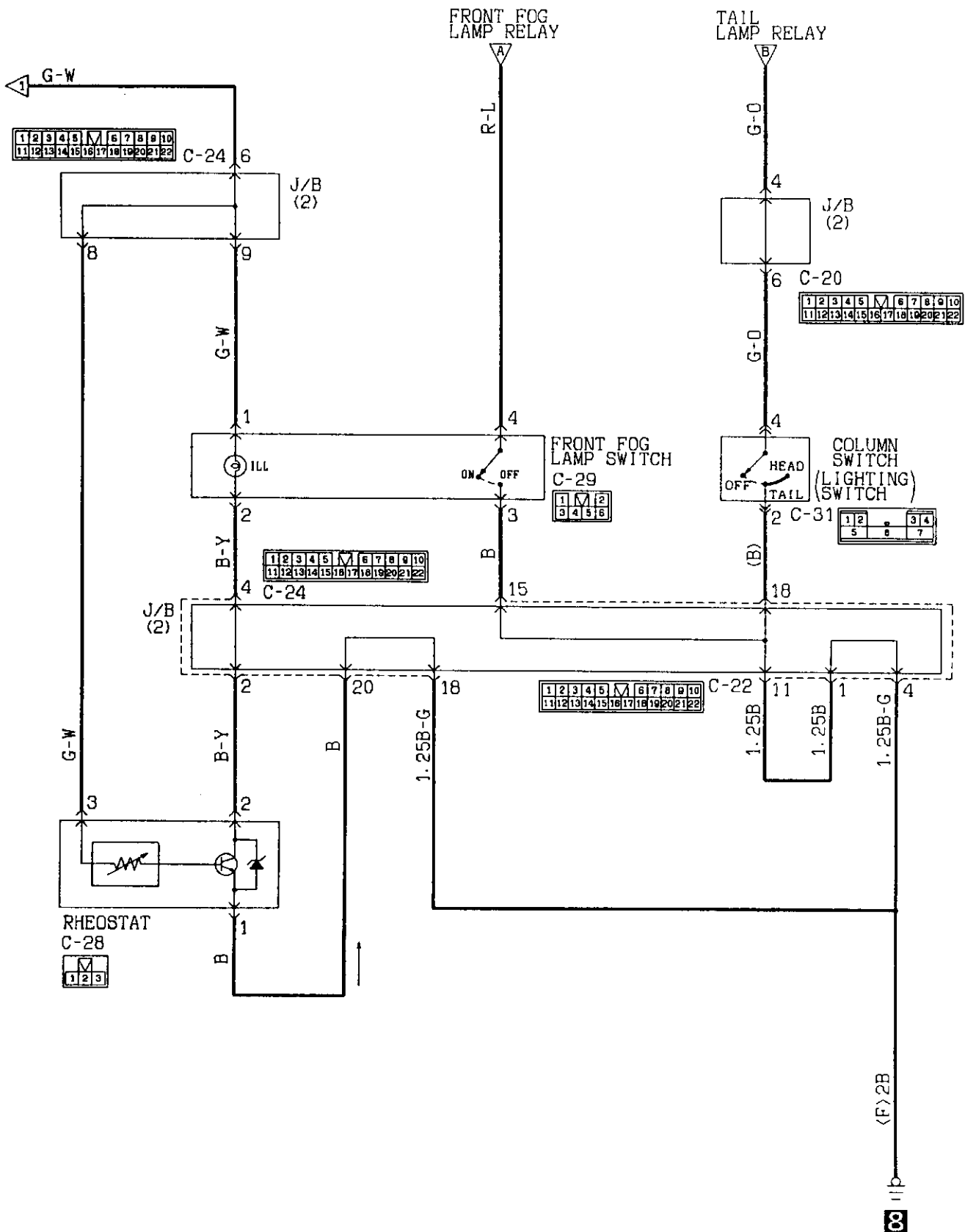
Remarks  
 (1) \*1: Vehicles with for wiring harness joint connector.  
 (2) \*2: Vehicles without front wiring harness joint connector.

Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

**FRONT FOG LAMP**  
R. H. drive vehicles

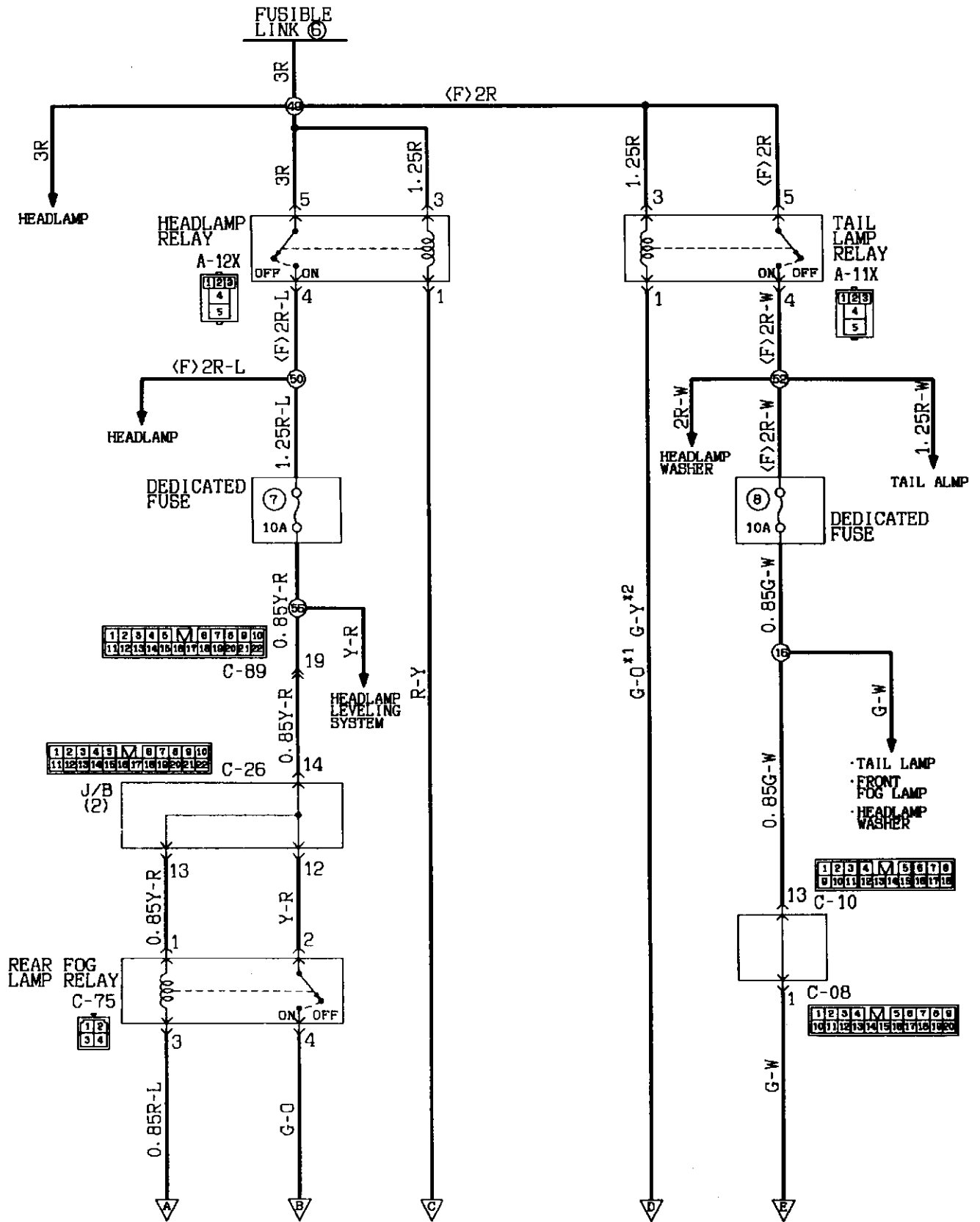


KX35-AC-F0814-EC

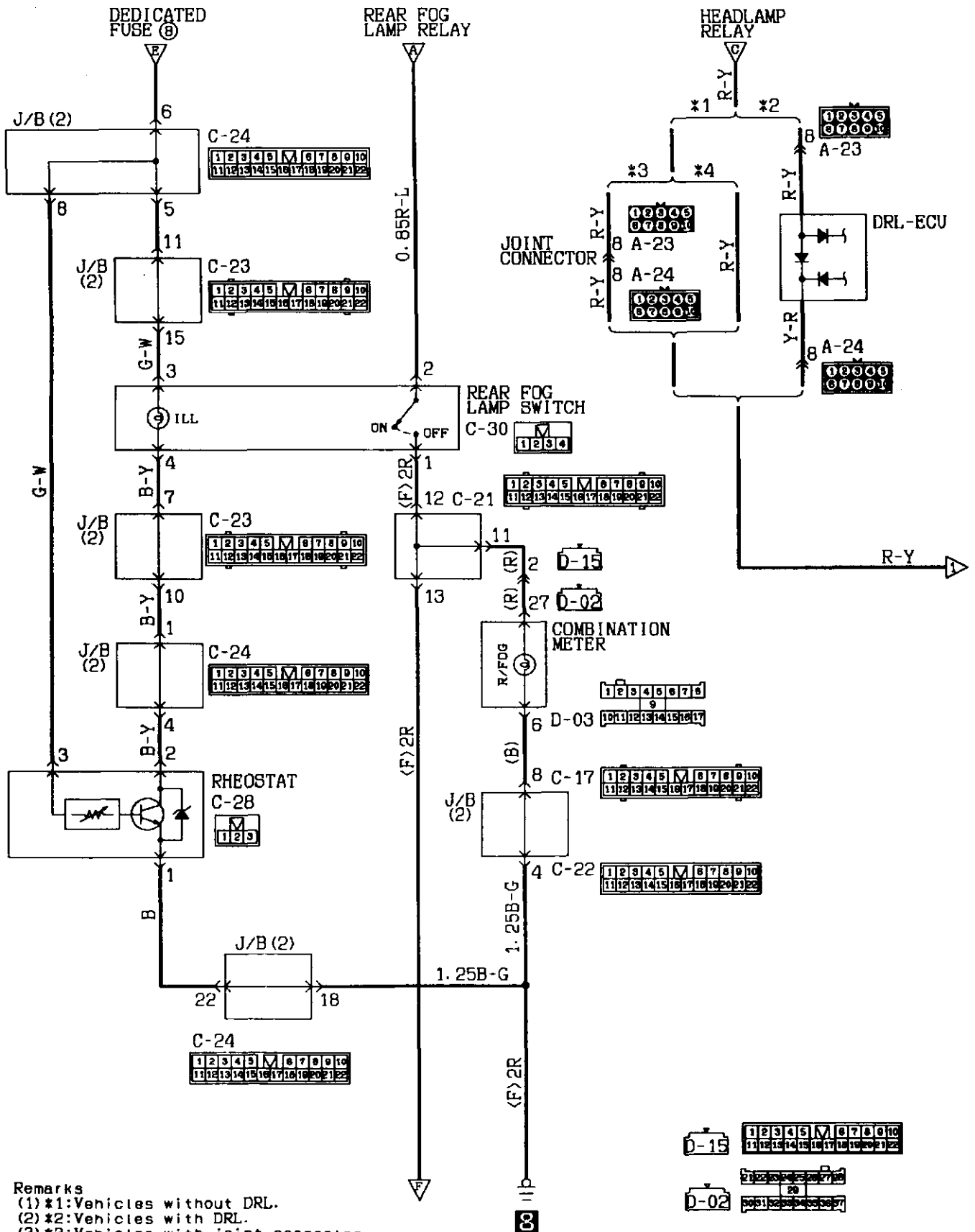


Wire colour code  
 B:Black LG:Light green G:Green I:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

REAR FOG LAMP  
L.H. drive vehicles



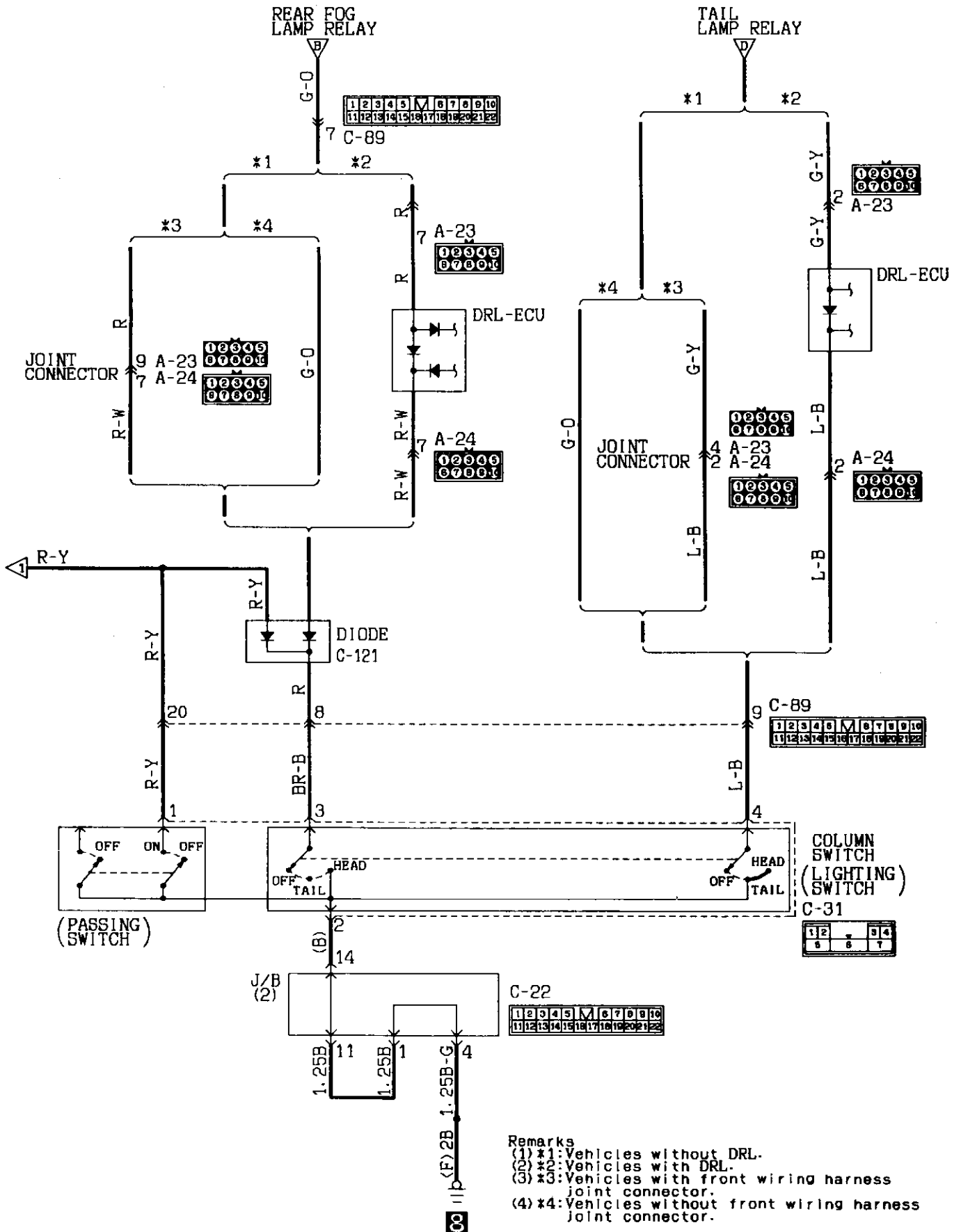
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



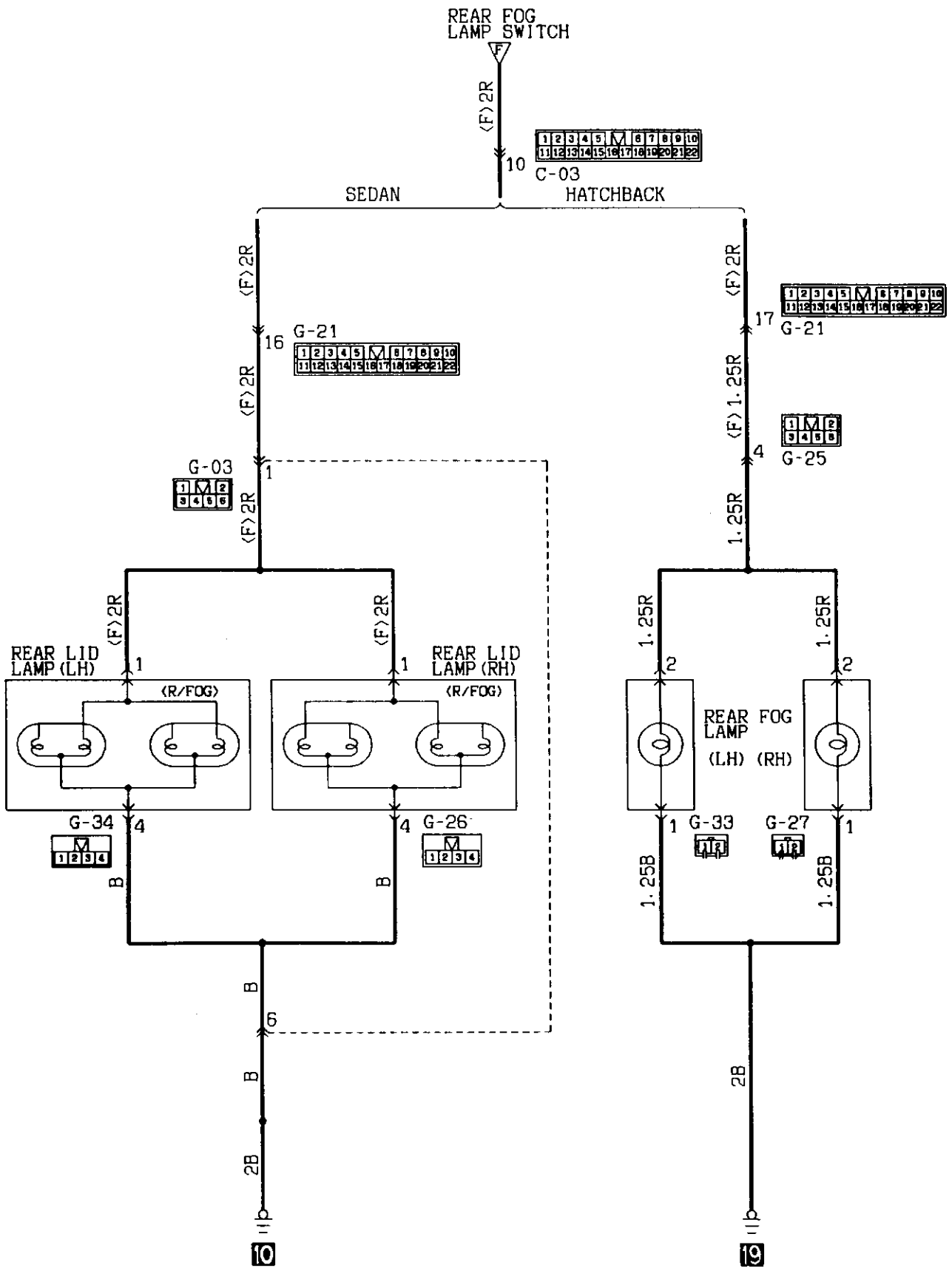
Remarks  
 (1) \*1: Vehicles without DRL.  
 (2) \*2: Vehicles with DRL.  
 (3) \*3: Vehicles with joint connector.  
 (4) \*4: Vehicles without joint connector.



REAR FOG LAMP (L. H. drive vehicles) (CONTINUED)

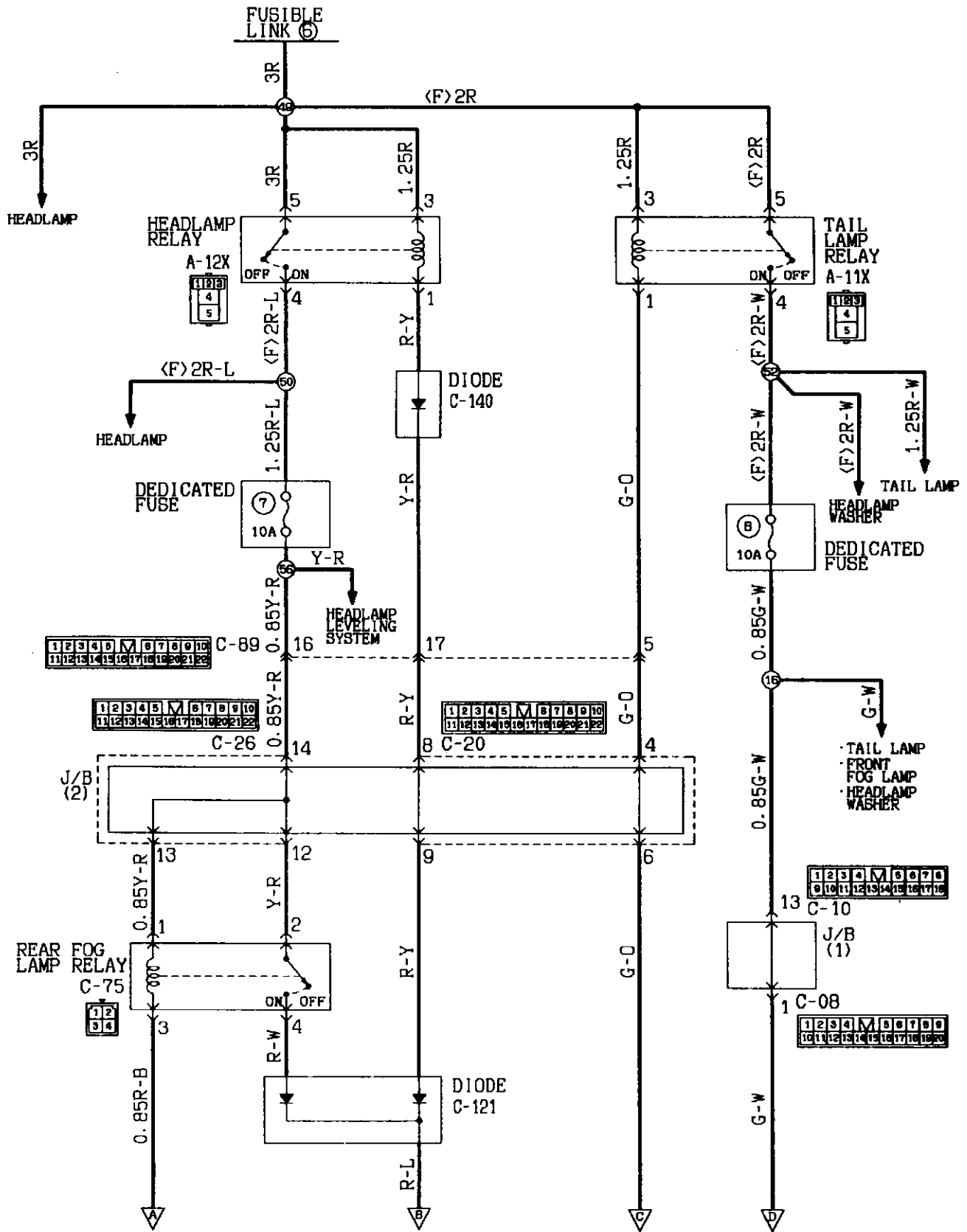


Remarks  
 (1) \*1: Vehicles without DRL.  
 (2) \*2: Vehicles with DRL.  
 (3) \*3: Vehicles with front wiring harness joint connector.  
 (4) \*4: Vehicles without front wiring harness joint connector.



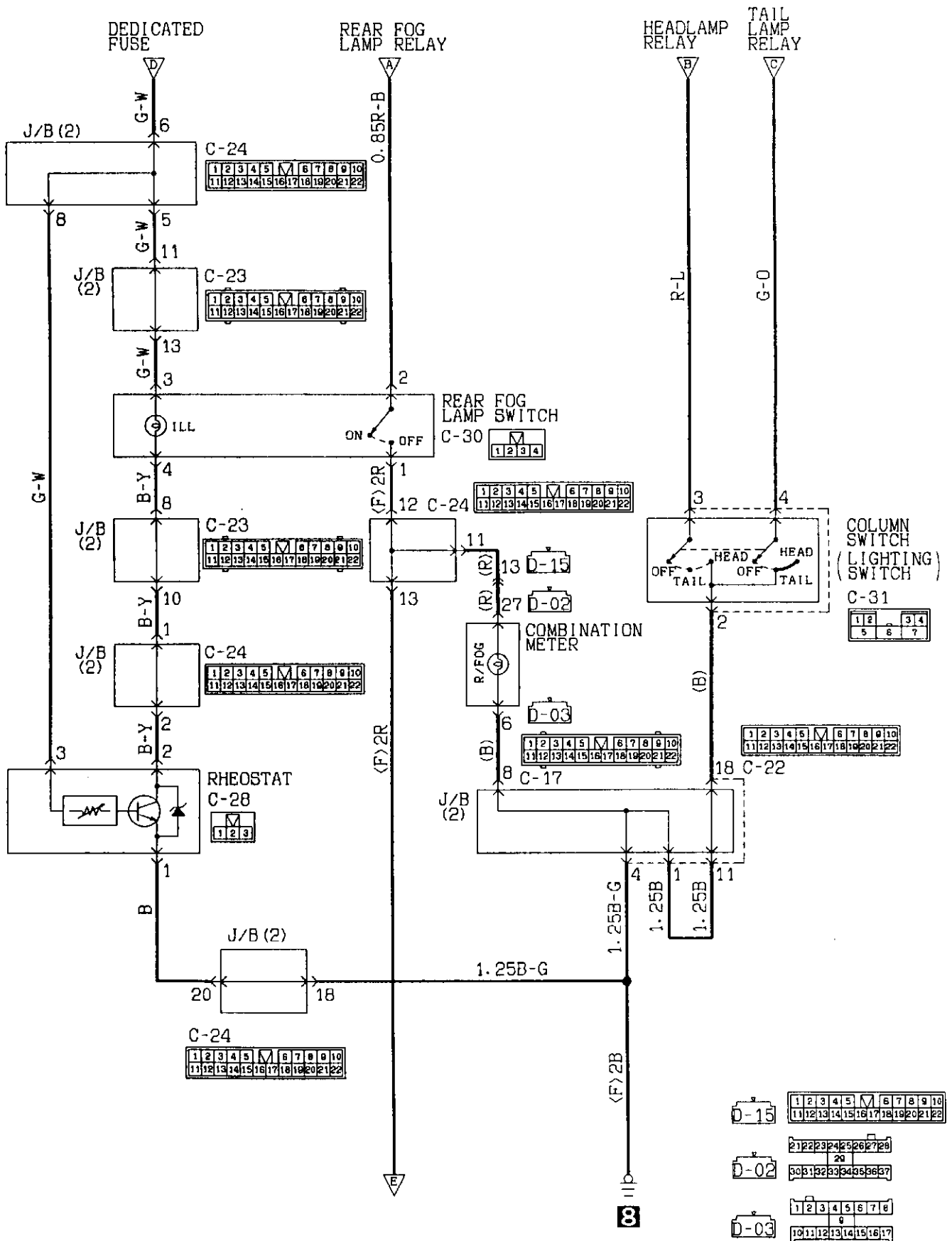
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

REAR FOG LAMP  
R. H. drive vehicles

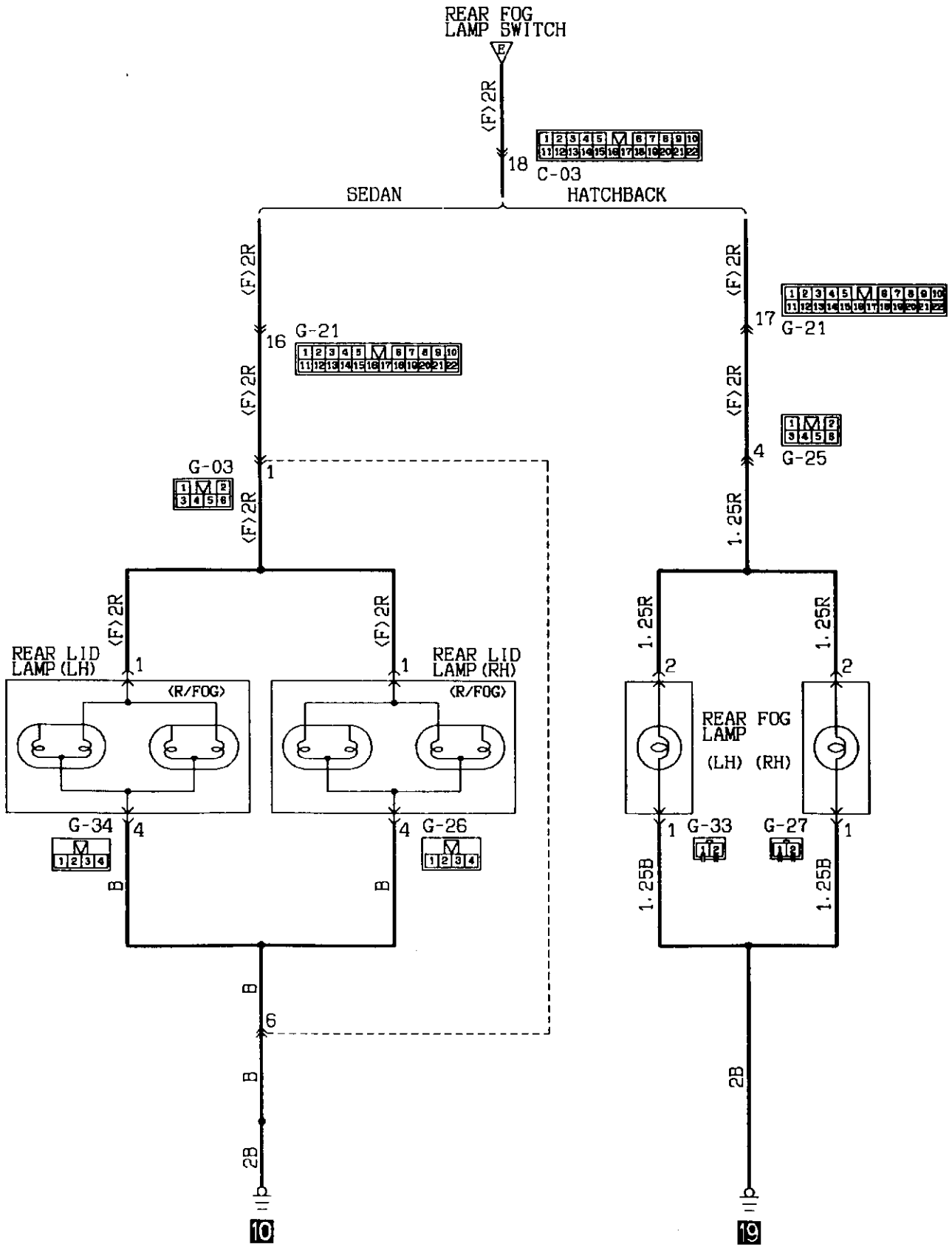


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F0816-EC



REAR FOG LAMP (R. H. drive vehicles) (CONTINUED)



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet  
 SB:Sky blue

**REAR FOG LAMP (See P. 4A-104, 108.)**

**OPERATION**

Rear Fog Lamp Relay ON Conditions

**<Vehicles without daytime running lamp>**

| Ignition switch | Lighting switch | Rear fog lamp relay |
|-----------------|-----------------|---------------------|
| —               | "HEAD"          | ON                  |

**<Vehicles with daytime running lamp>**

| Ignition switch | Lighting switch | Rear fog lamp relay |
|-----------------|-----------------|---------------------|
| —               | "HEAD"          | ON                  |
| "ON"            | "OFF" or "HEAD" | ON                  |

- Placing the lighting switch in the HEAD position causes the rear fog lamp relay to be energized. For vehicles with daytime running lamps, if the ignition switch is in the "ON" position and the lighting switch is in the "OFF" position, the rear fog lamp relay will be energized.
- When the rear fog lamp switch is turned ON in this condition, the rear fog lamp goes on.

**ROOM LAMP <Vehicles without ETACS> (See P. 4A-112, 114.)**

**OPERATION**

**<Room lamp>**

- Placing the room lamp switch in the ON position causes the room lamp to come on at all times.
- Opening any one of the doors with the room lamp switch in the DOOR position causes the room lamp to come on.
- Closing all doors causes the room lamp to go out.

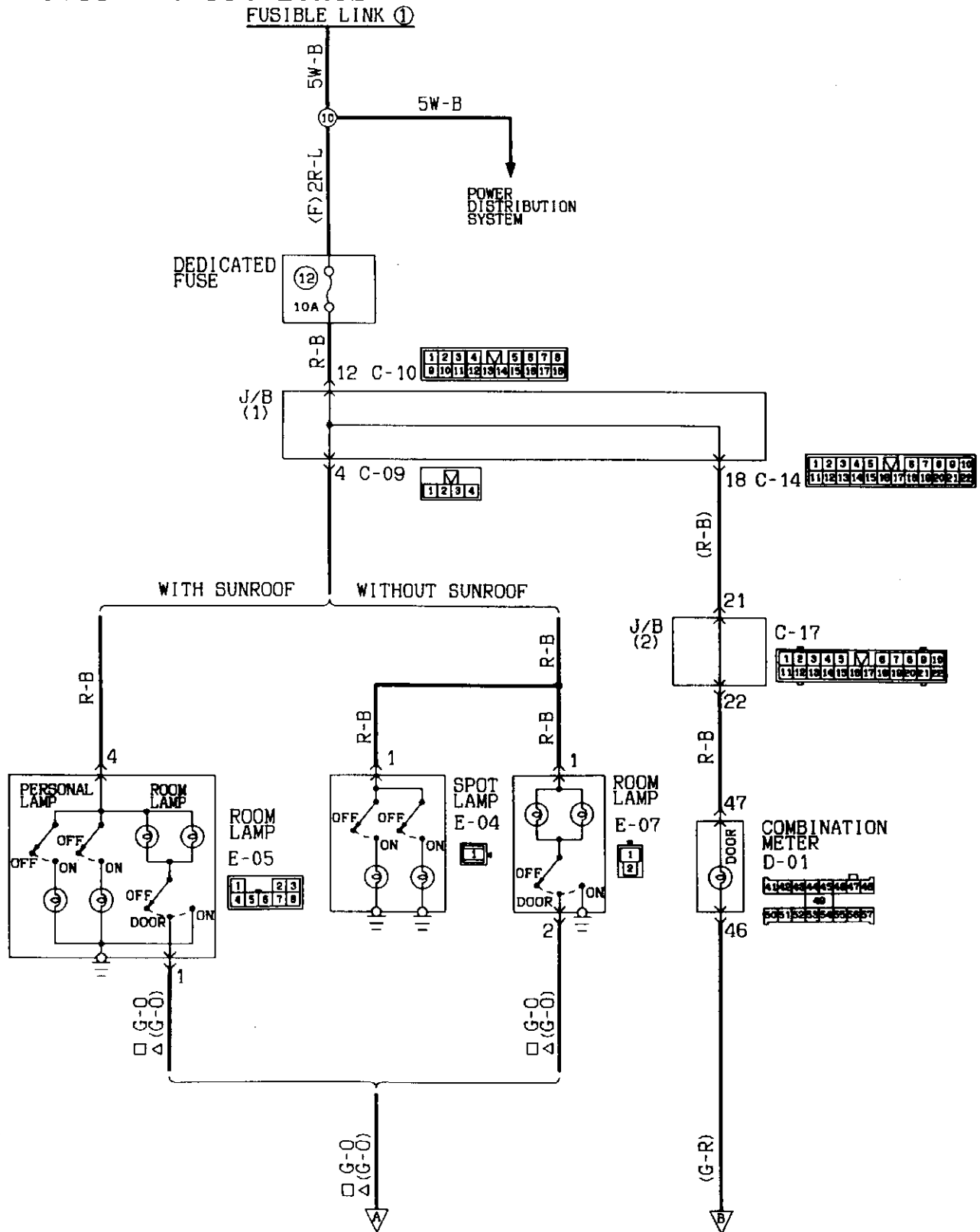
**TROUBLESHOOTING HINTS**

1. The rear fog lamp doesn't illuminate.
  - 1) Headlamps go on.
    - Check the rear fog lamp relay.
    - Check the rear fog lamp switch.
    - Check the dedicated fuse No. ⑦.
  - 2) Headlamps do not go on, either.
    - Check the lighting switch.
    - Check the fusible link No. ⑥.
2. The rear fog lamp at the one side doesn't illuminate.
  - Check the lamp bulb.

**TROUBLESHOOTING HINTS**

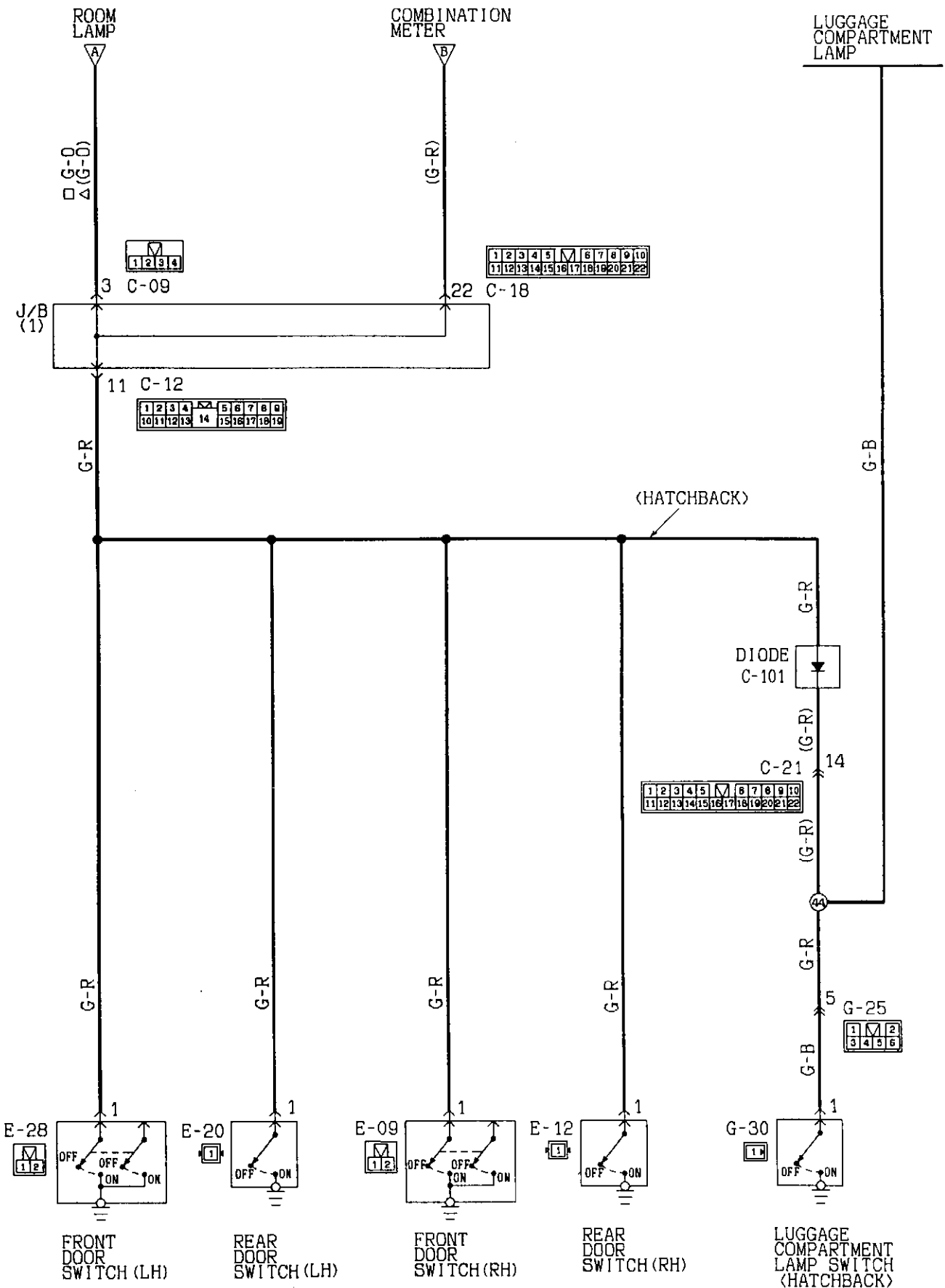
1. Room lamp does not come on.
  - 1) Clock is not operating, either.
    - Check dedicated fuse No. ⑫.
  - 2) Room lamp does not come on when any door is opened with the room lamp switch in the DOOR position.
    - Check bulb.
    - Check room lamp switch.
  - 3) Room lamp does not come on when a door is opened with the room lamp switch in the DOOR position.
    - Check door switch (of the suspected door).

ROOM LAMP  
Vehicles without ETACS



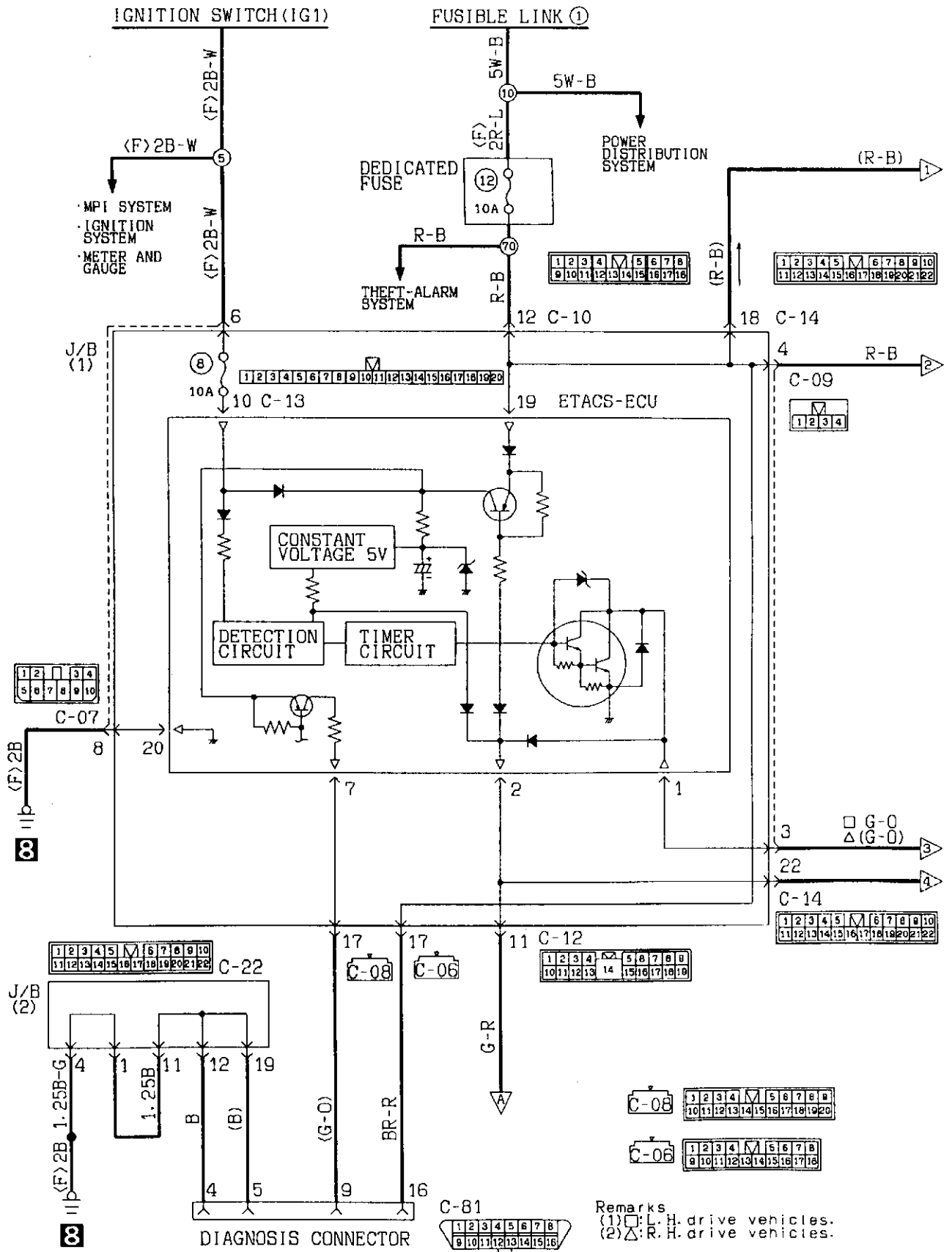
Remarks  
(1) □: L. H. drive vehicles.  
(2) △: R. H. drive vehicles.

Wire colour code  
B: Black LG: Light green G: Green L: Blue W: White Y: Yellow SB: Sky blue  
BR: Brown O: Orange GR: Gray R: Red P: Pink V: Violet

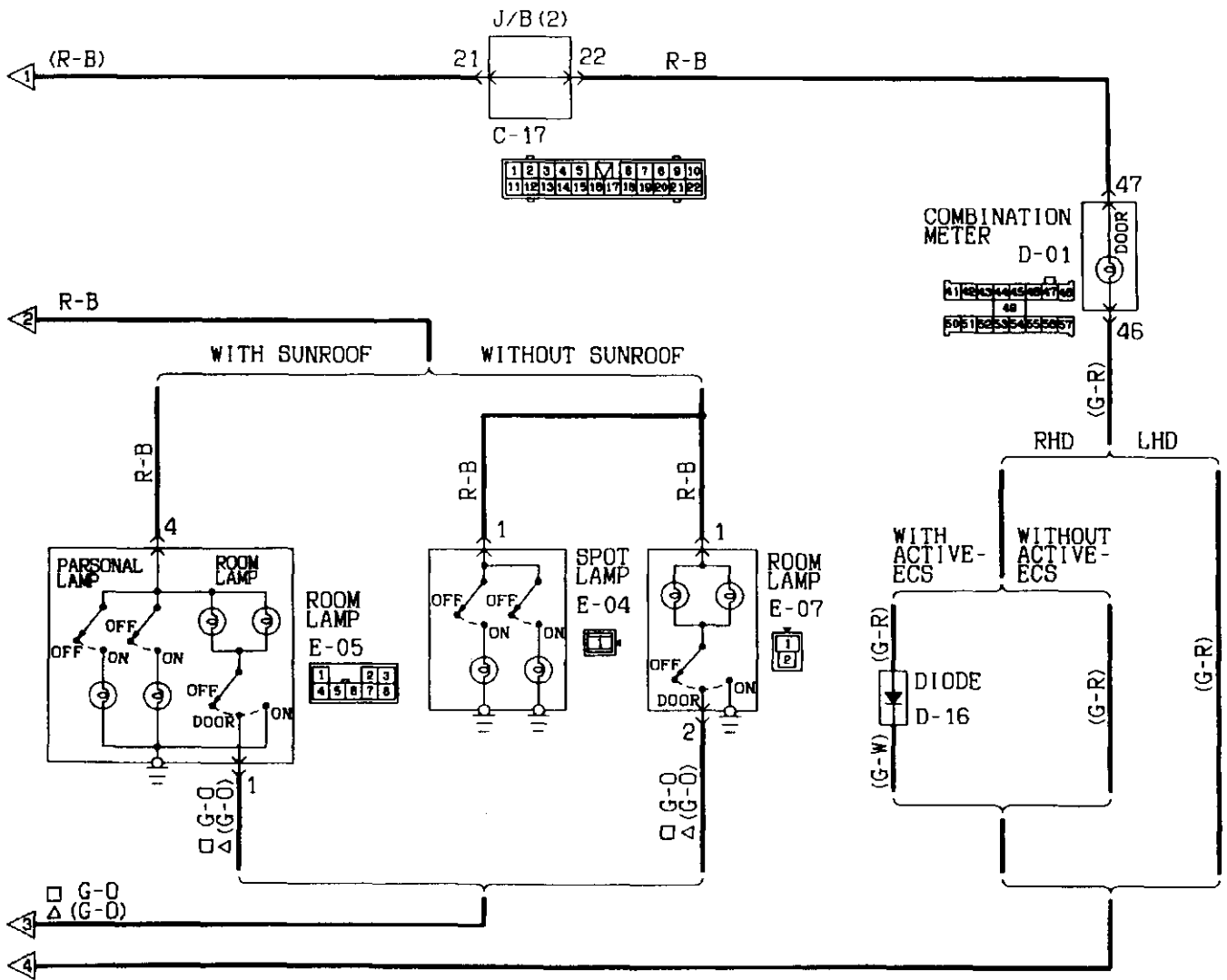




ROOM LAMP  
Vehicles with ETACS

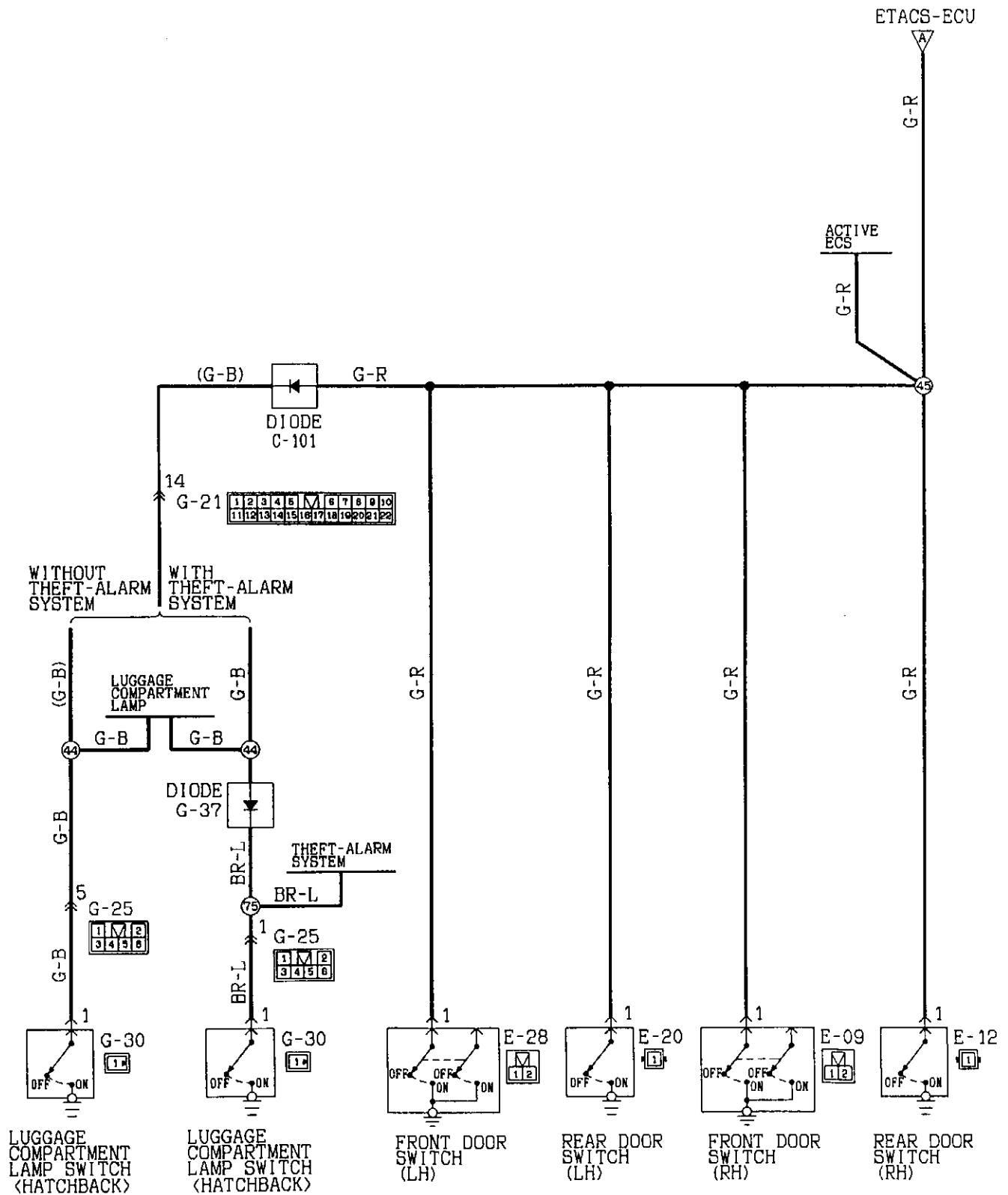


KX35-AC-F0830-EC



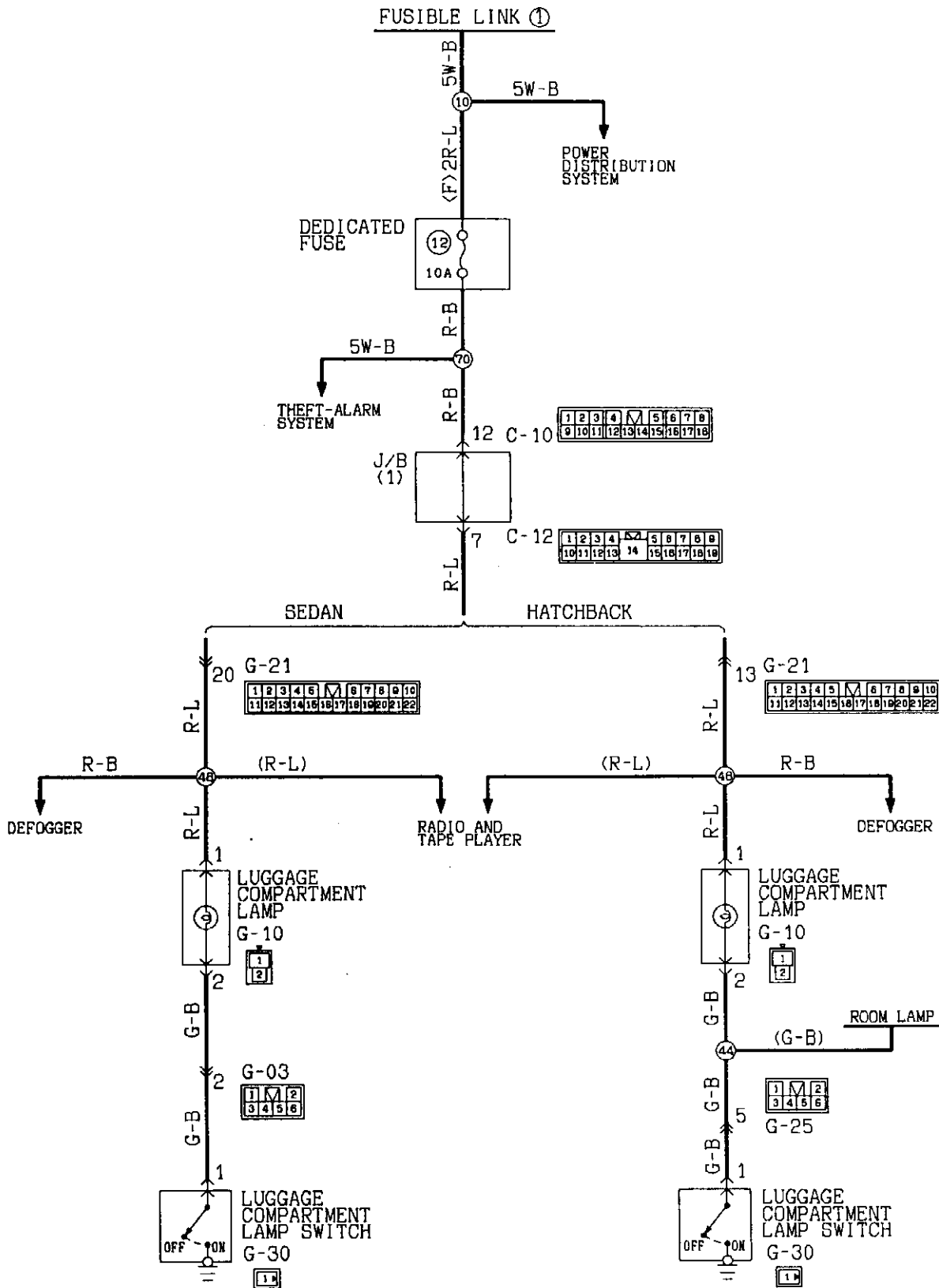
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

ROOM LAMP (Vehicles with ETACS)  
(CONTINUED)



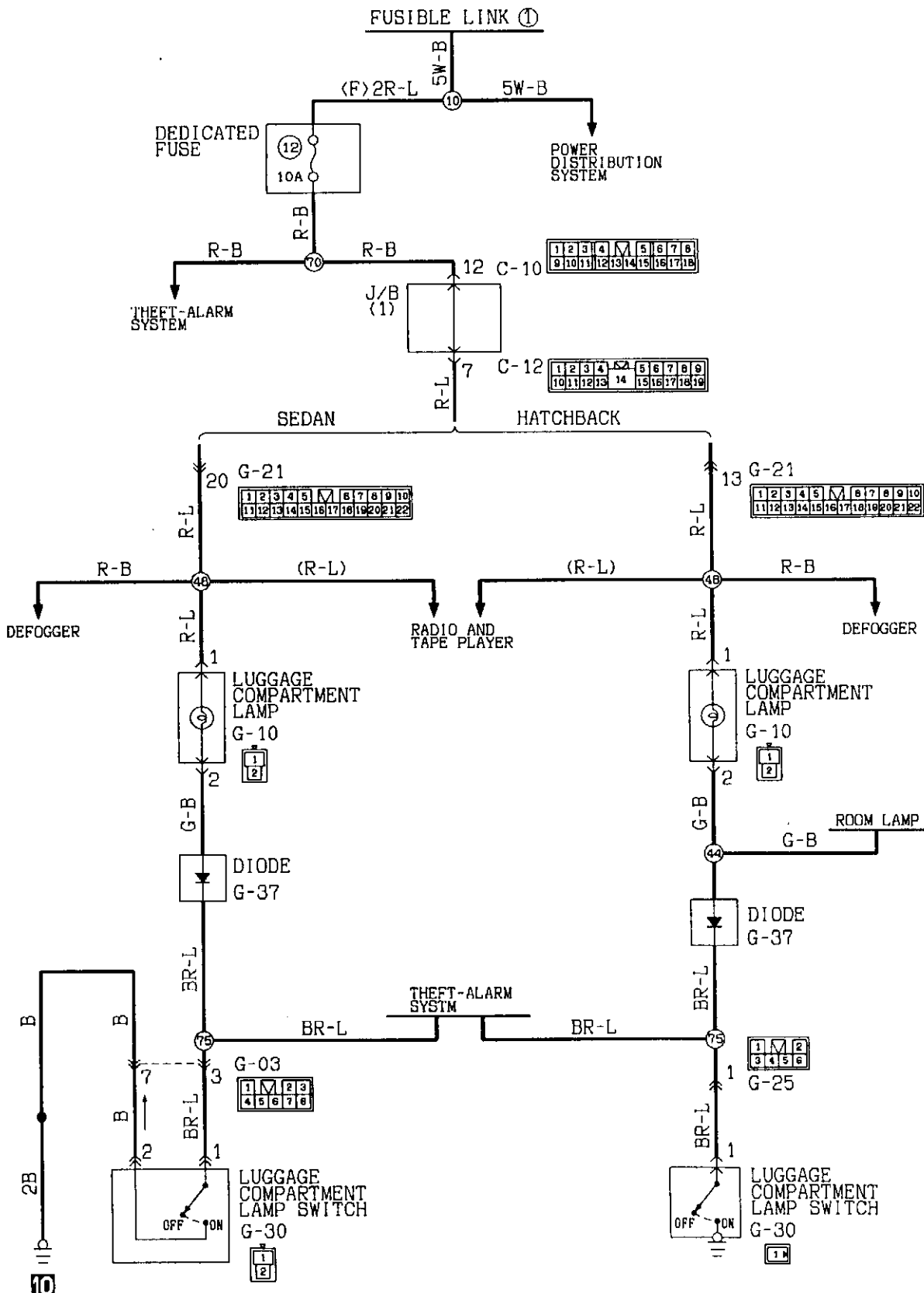
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

LUGGAGE COMPARTMENT LAMP  
Vehicles without Theft-Alarm system



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

LUGGAGE COMPARTMENT LAMP  
Vehicles with Theft-Alarm system



Wire colour code

B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

**LUGGAGE COMPARTMENT LAMP (See P. 4A-117, 118.)****OPERATION****<Luggage compartment lamp>**

- Battery voltage is being applied at all times to the luggage compartment lamp through the fusible link No. and dedicated fuse No. ⑫.
- Opening the luggage compartment lid (or TAIL-GATE) turns ON the luggage compartment lamp switch (or TAILGATE switch) causing the luggage compartment lamp to light up.

**DOOR LAMPS (See P. 4A-120, 121.)****OPERATION**

- Battery voltage is normally applied to the door courtesy lamps via fusible link No. ① and dedicated fuse No. ⑫.
- When a door is opened, the door switch turns ON and the door courtesy lamp illuminates.

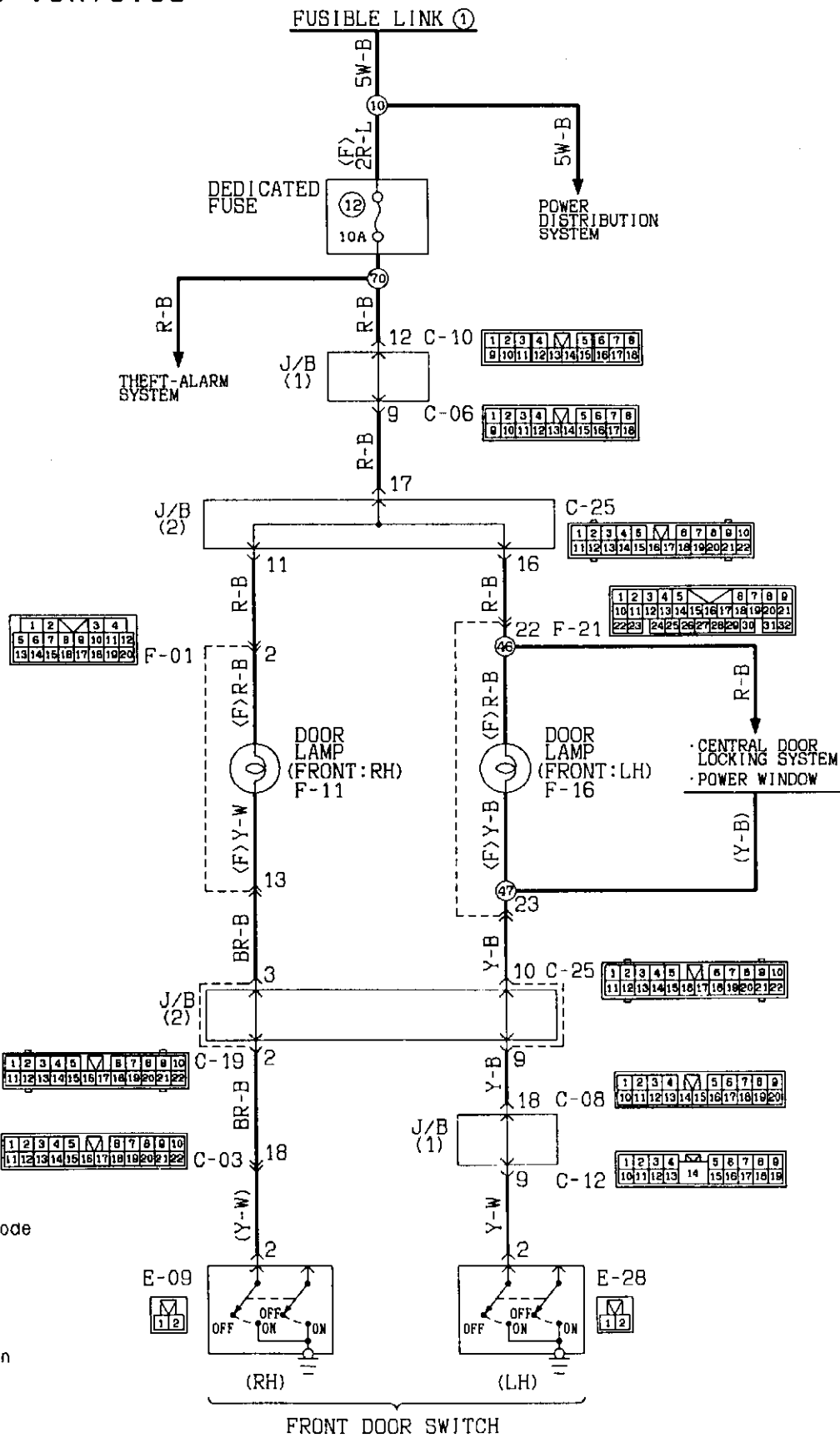
**TROUBLESHOOTING HINTS**

1. Luggage compartment lamp does not come on.
  - 1) Room lamp does not come on, either.
    - Check dedicated fuse No. ⑫.

**TROUBLESHOOTING HINTS**

1. Door courtesy lamp dose not illuminate.
  - 1) All door courtesy lamps do not illuminate.
    - Check dedicated fuse No. ⑫.
  - 2) At least one of the door courtesy lamps dose not illuminate.
    - Check the lamp bulb.
    - Check the door switch (contact and earth).

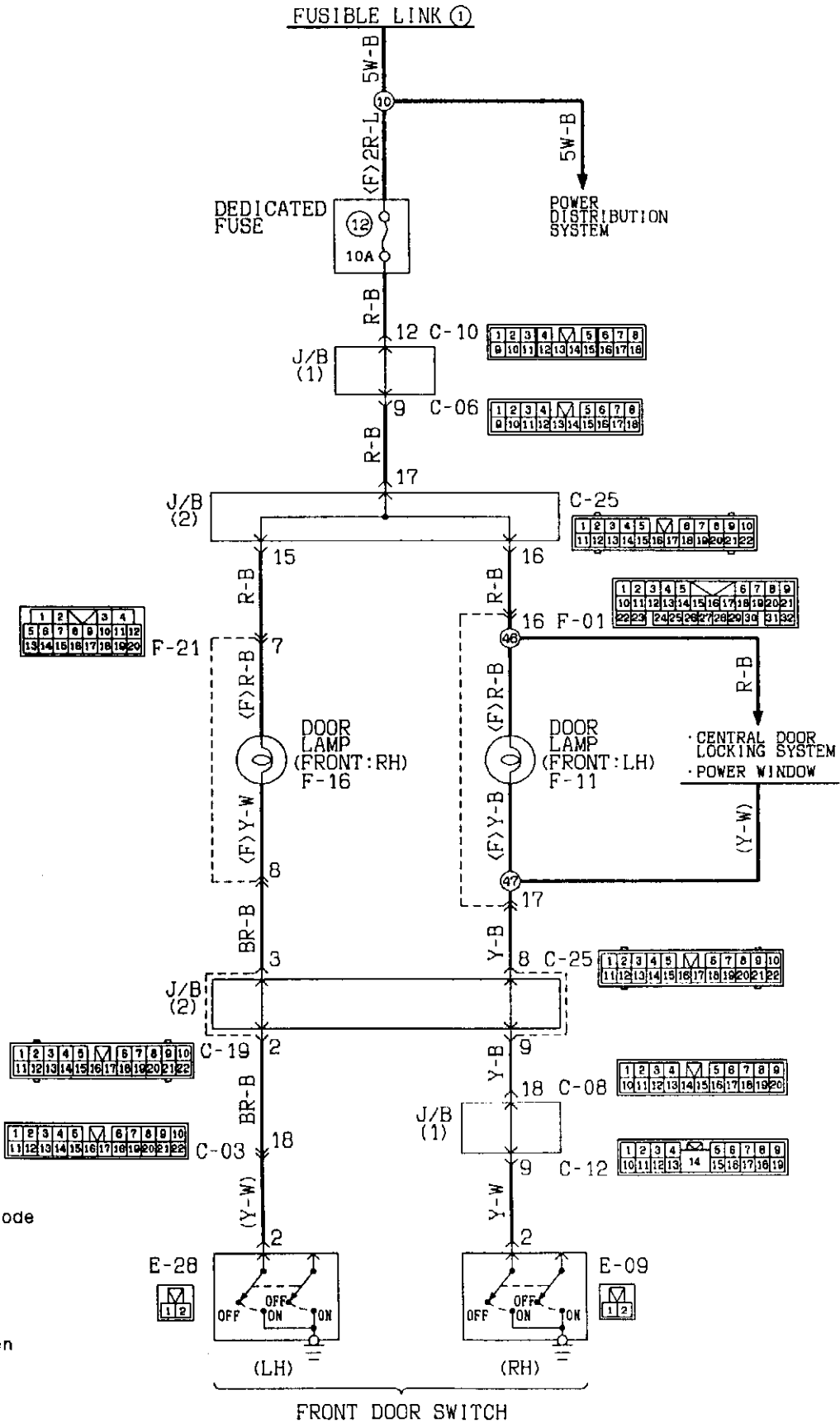
DOOR LAMP  
L.H. drive vehicles



Wire colour code  
 B:Black  
 BR:Brown  
 G:Green  
 GR:Gray  
 L:Blue  
 V:Violet  
 SB:Sky blue  
 LG:Light green  
 O:Orange  
 P:Pink  
 R:Red  
 Y:Yellow  
 W:White

KX35-AC-F0638-EC

DOOR LAMP  
R. H. drive vehicles



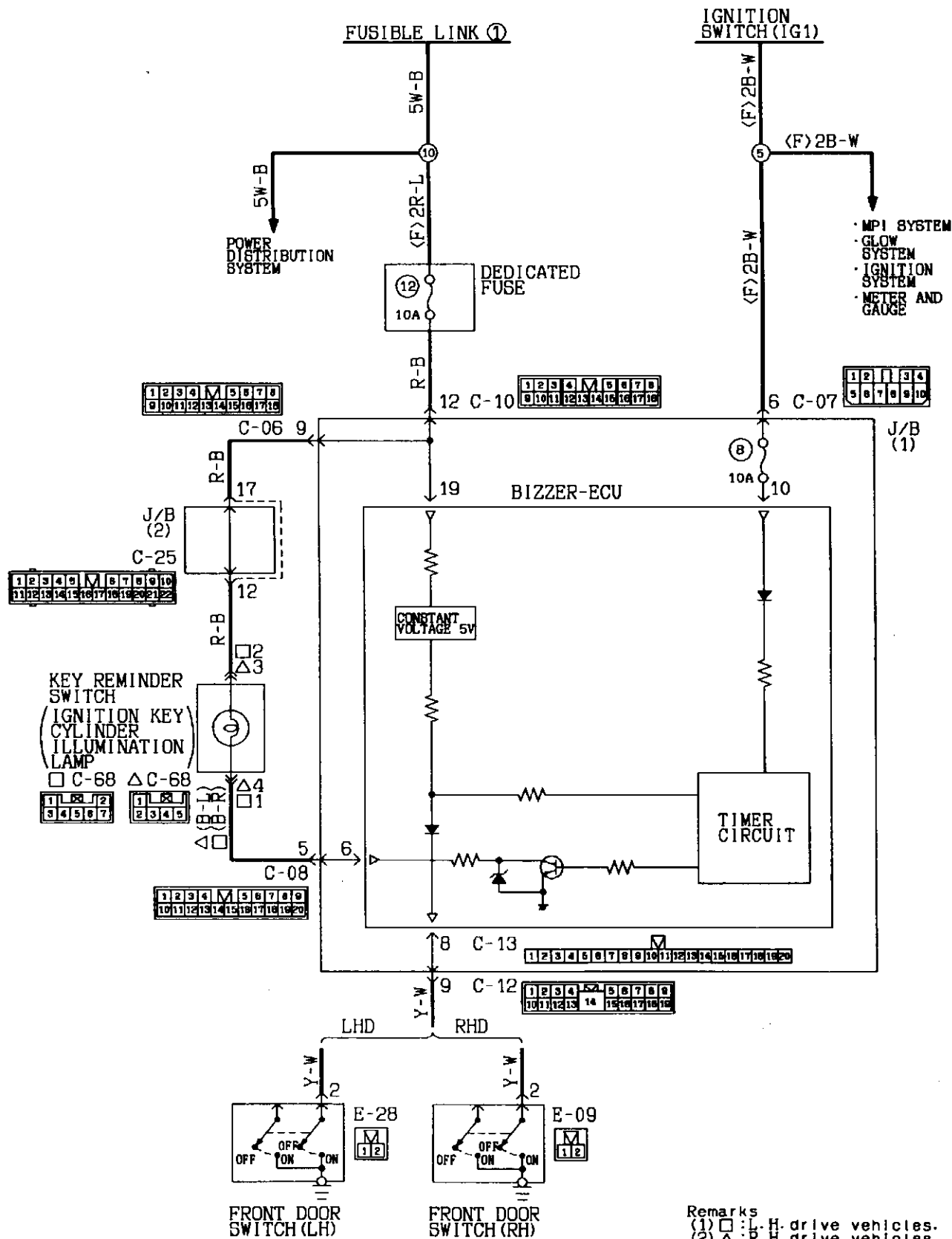
- Wire colour code  
 B: Black  
 BR: Brown  
 G: Green  
 GR: Gray  
 L: Blue  
 V: Violet  
 SB: Sky blue  
 LG: Light green  
 O: Orange  
 P: Pink  
 R: Red  
 Y: Yellow  
 W: White

KX35-AC-F0837-EC



# IGNITION KEY CYLINDER ILLUMINATION LAMP

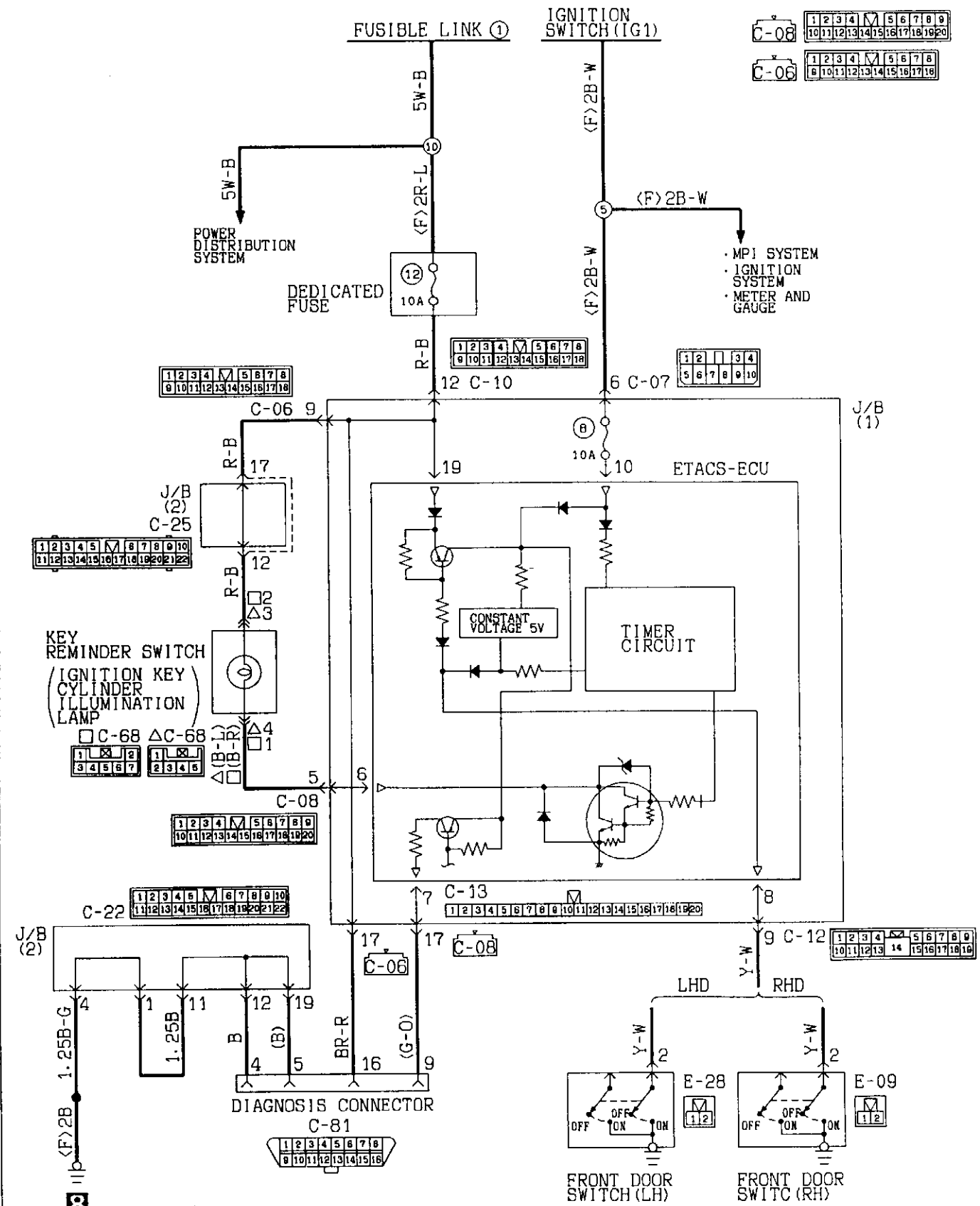
Vehicles without ETACS



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

# IGNITION KEY CYLINDER ILLUMINATION LAMP

Vehicles with ETACS



Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.

KX35-AC-F0836-EC

**4A-124**

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**NOTES**

**TURN-SIGNAL LAMP AND HAZARD LAMP (See P. 4A-126.)****OPERATION****<Turn-signal lamp>****1. In normal operating condition**

- When the ignition switch is placed in the ON position, battery voltage is applied through the hazard switch to the turn-signal and hazard flasher unit.
- When the turn-signal switch is placed in the LH (or RH) position, Tr<sub>1</sub> in the flasher unit turns ON, causing the relay contacts in the flasher unit to close. This results in the LH (or RH) turn-signal lamp and turn-signal indicator lamp lighting up.
- At the same time, the capacitor is charged through R<sup>2</sup> up to the lower limit as set by COM3.
- As soon as the capacitor is fully charged, the output from COM3 is inverted, turning OFF Tr<sub>1</sub>. This opens the relay contacts and, as a result, the LH (or RH) turn-signal lamp and turn-signal indicator lamp go out.
- At the same time when Tr<sub>1</sub> turns OFF, the capacitor starts discharging. As soon as the capacitor completes discharging, the COM3 output is inverted again causing Tr<sub>1</sub> to turn ON. This results in the LH (or RH) turn-signal lamp and turn-signal indicator lamp coming on.
- These sequences of operation repeat, which results in the LH (or RH) turn-signal lamp and turn-signal indicator lamp flashing off and on.

**2. When one bulb is burnt**

- When either one of the turn-signal lamp bulbs goes out, it causes the resistance of the entire lamp circuit to increase; hence a smaller voltage drop at R1 in the flasher unit.
- This smaller voltage drop is sensed and the lower voltage limit set by COM3 is raised, thus shortening the time required by the capacitor before it is fully charged.
- As a result, the on-off cycle of Tr<sub>1</sub> becomes shorter with the resultant greater number of times the lamp flashes on and off.

**<Hazard lamp>**

- When the hazard switch is placed in the ON position, the flasher unit relay contacts repeatedly close and open, which results in the RH and LH turn-signal lamps, turn-signal indicator lamps, and hazard warning indicator lamps flashing on and off at the same time.

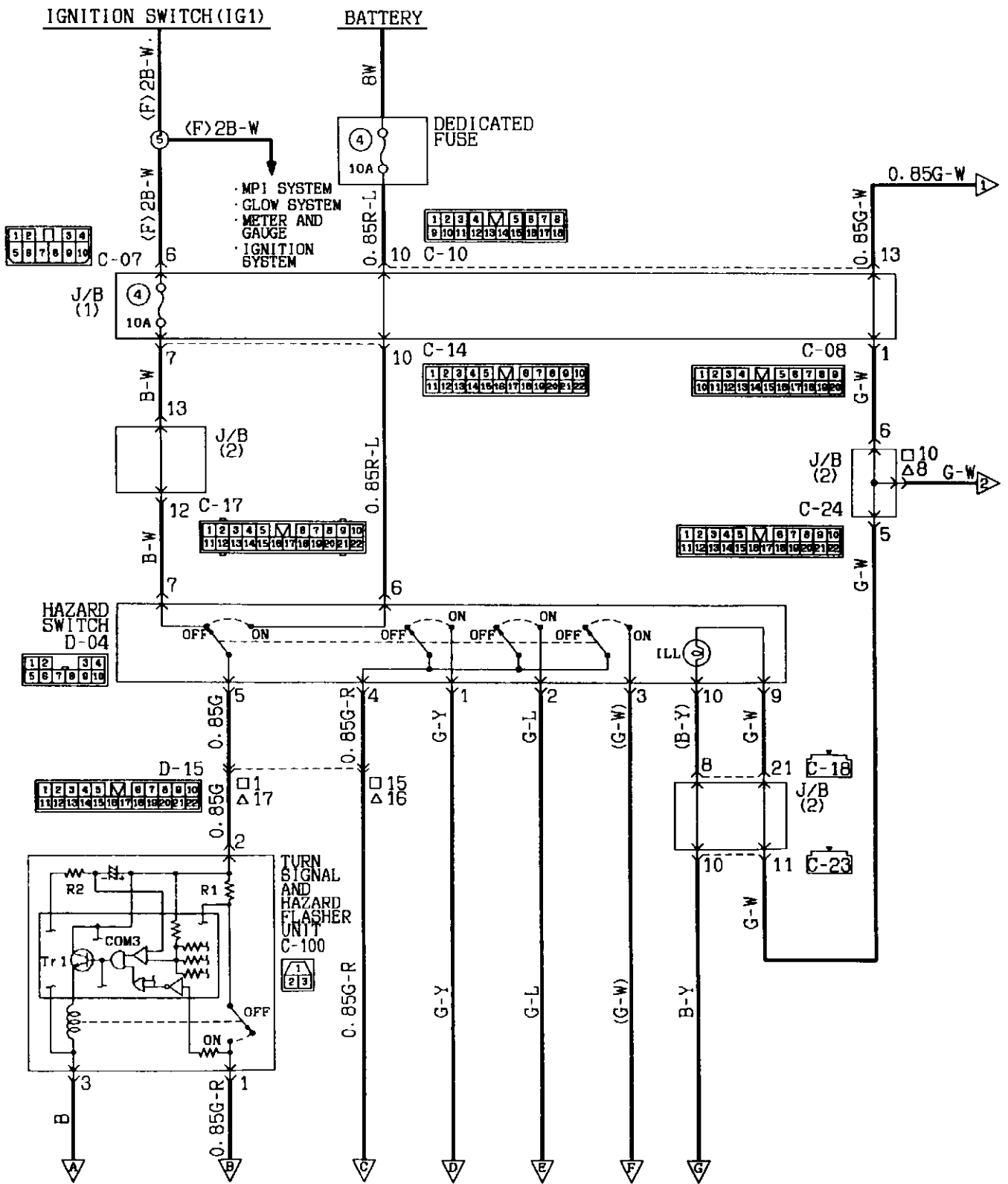
**Remarks**

- The number of times the hazard lamps flash on and off does not change even when one bulb is out.

**TROUBLESHOOTING HINTS**

1. Neither the turn-signal lamps nor hazard lamps operate.
  - Check hazard switch contacts (on power source end).
  - Check flasher unit.
2. All LH or RH turn-signal lamps do not operate.
  - 1) Hazard lamp is fully operational.
    - Check hazard switch contacts (on turn-signal end).
    - Check turn-signal switch.
3. Flashing cycle of turn signal lamps is shorter.
  - Check bulb.
4. Hazard lamp does not operate.
  - 1) Turn-signal lamps are operational.
    - Check hazard switch contacts (on hazard lamp end).

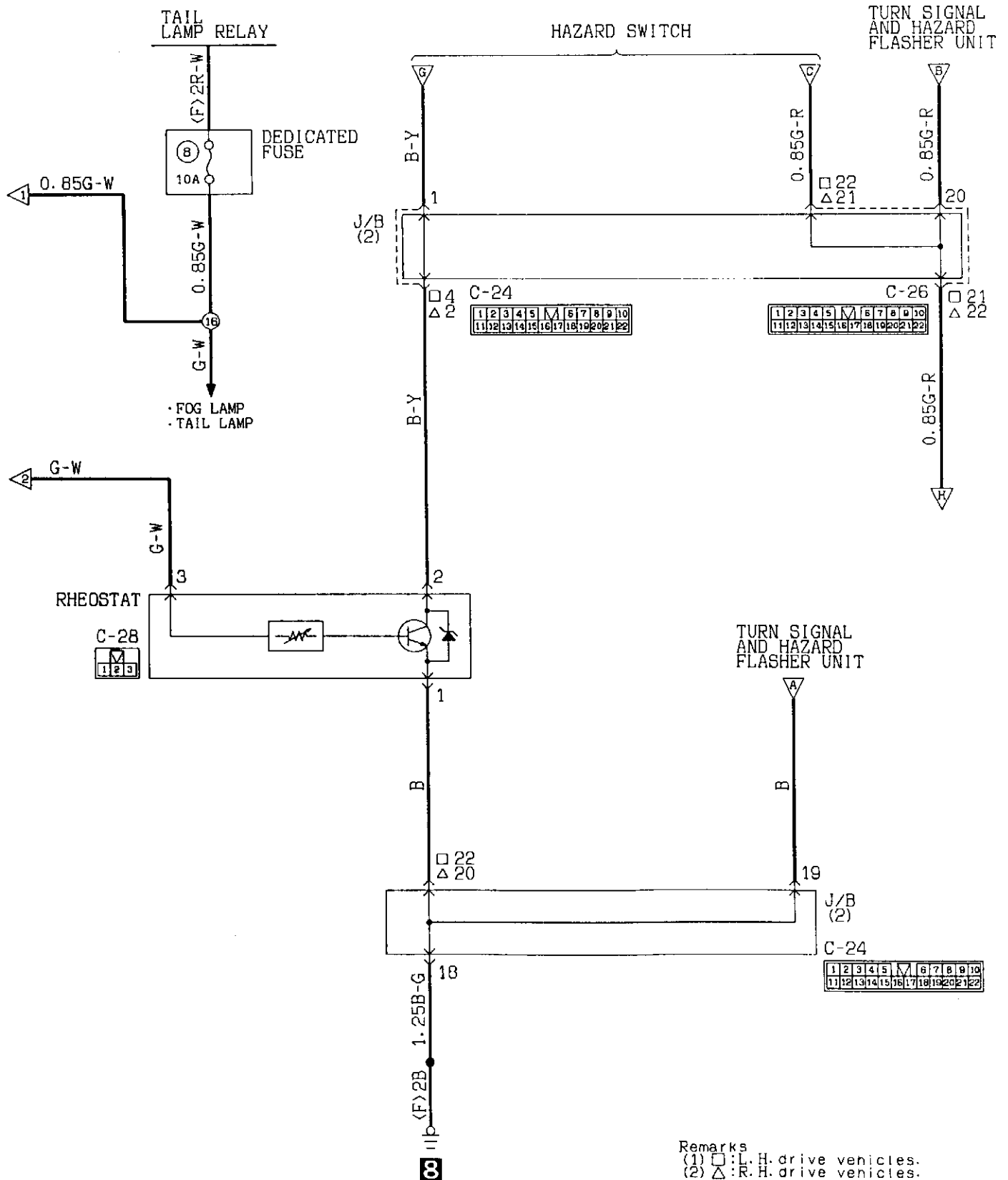
TURN-SIGNAL LAMP AND HAZARD LAMP



KX35-AC-F0902-EC

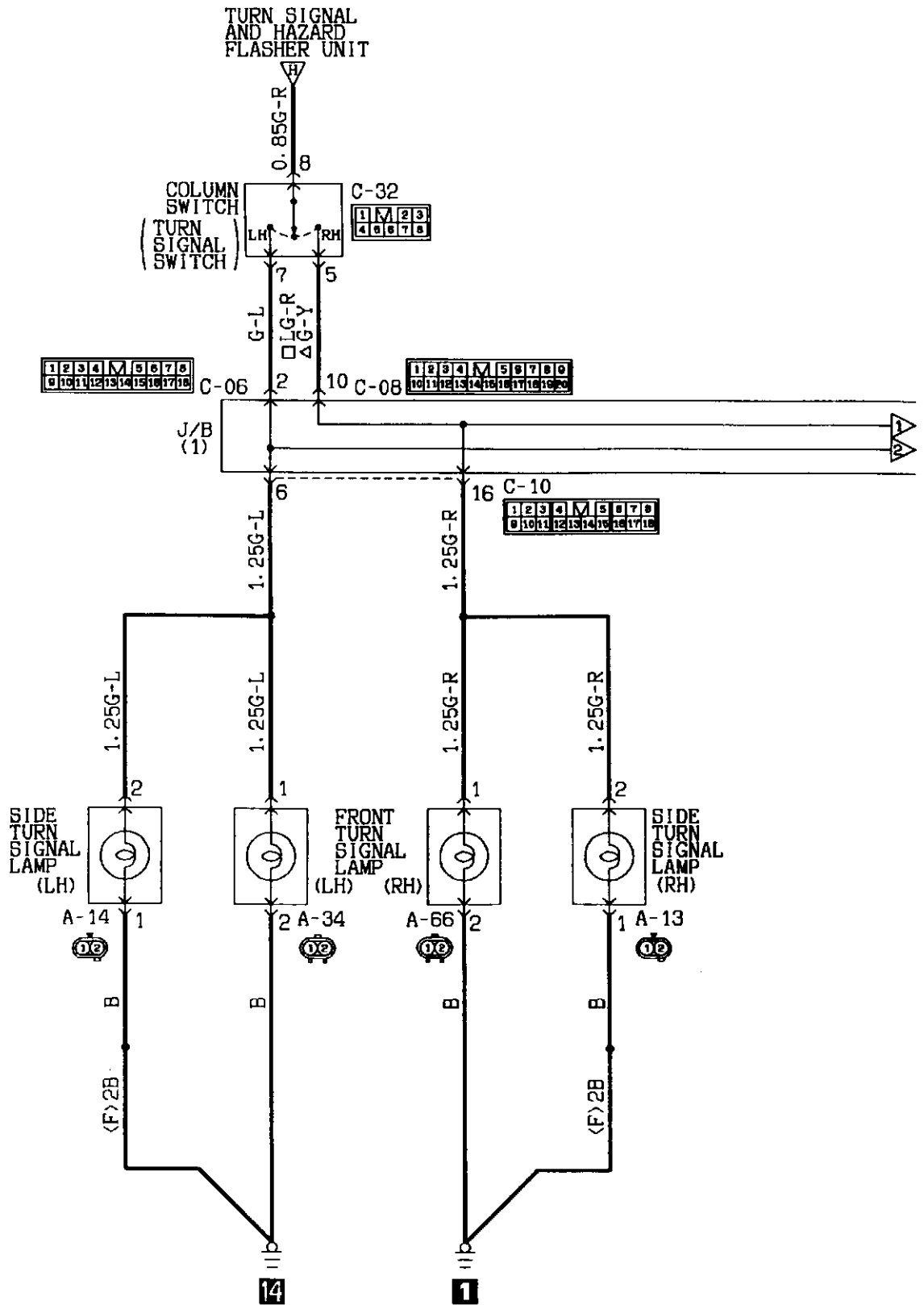
C-18 1 2 3 4 5 M 6 7 8 9 10  
11 12 13 14 15 16 17 18 19 20 21 22

C-23 1 2 3 4 5 M 6 7 8 9 10  
11 12 13 14 15 16 17 18 19 20 21 22

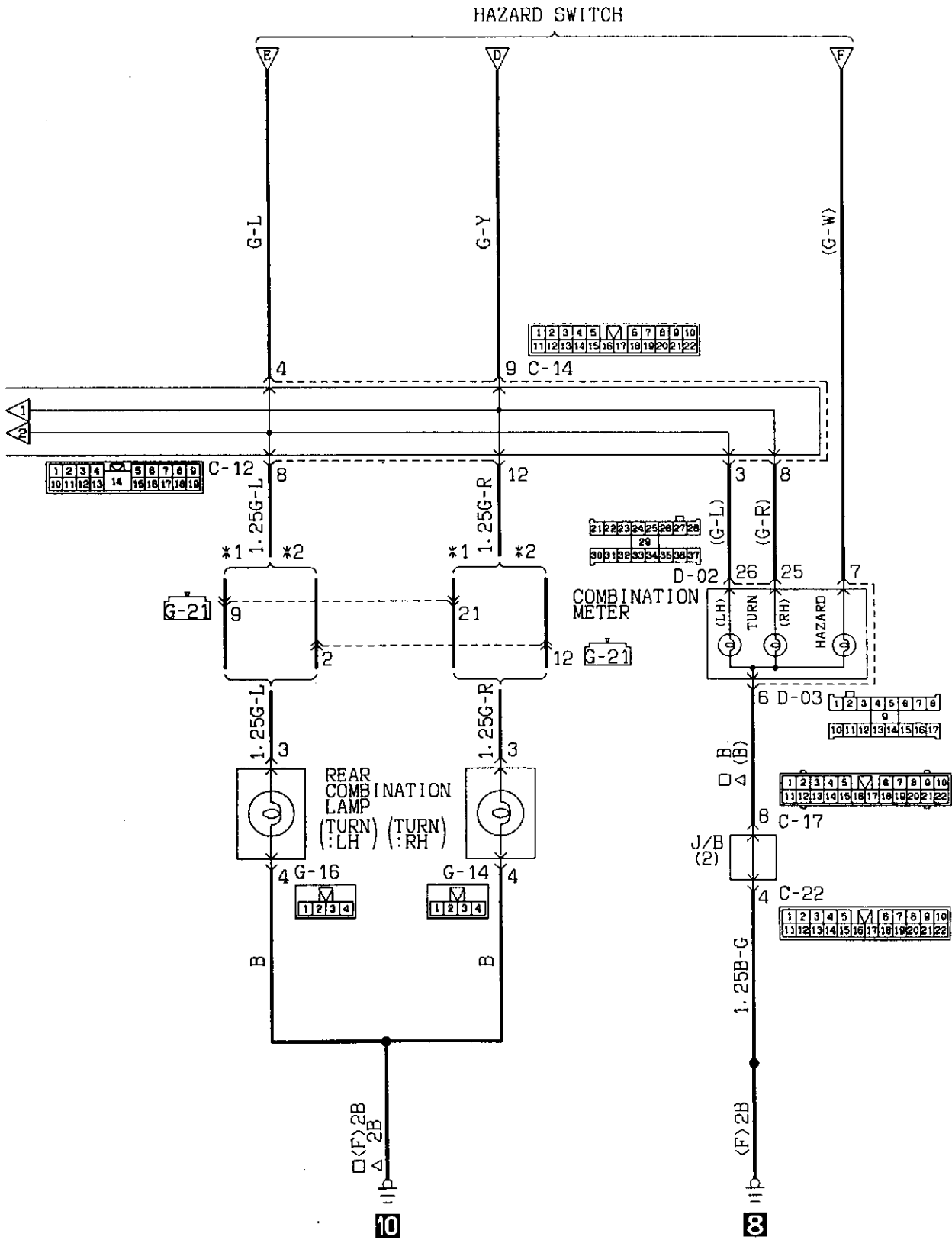


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

TURN-SIGNAL AND HAZARD LAMP (CONTINUED)



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

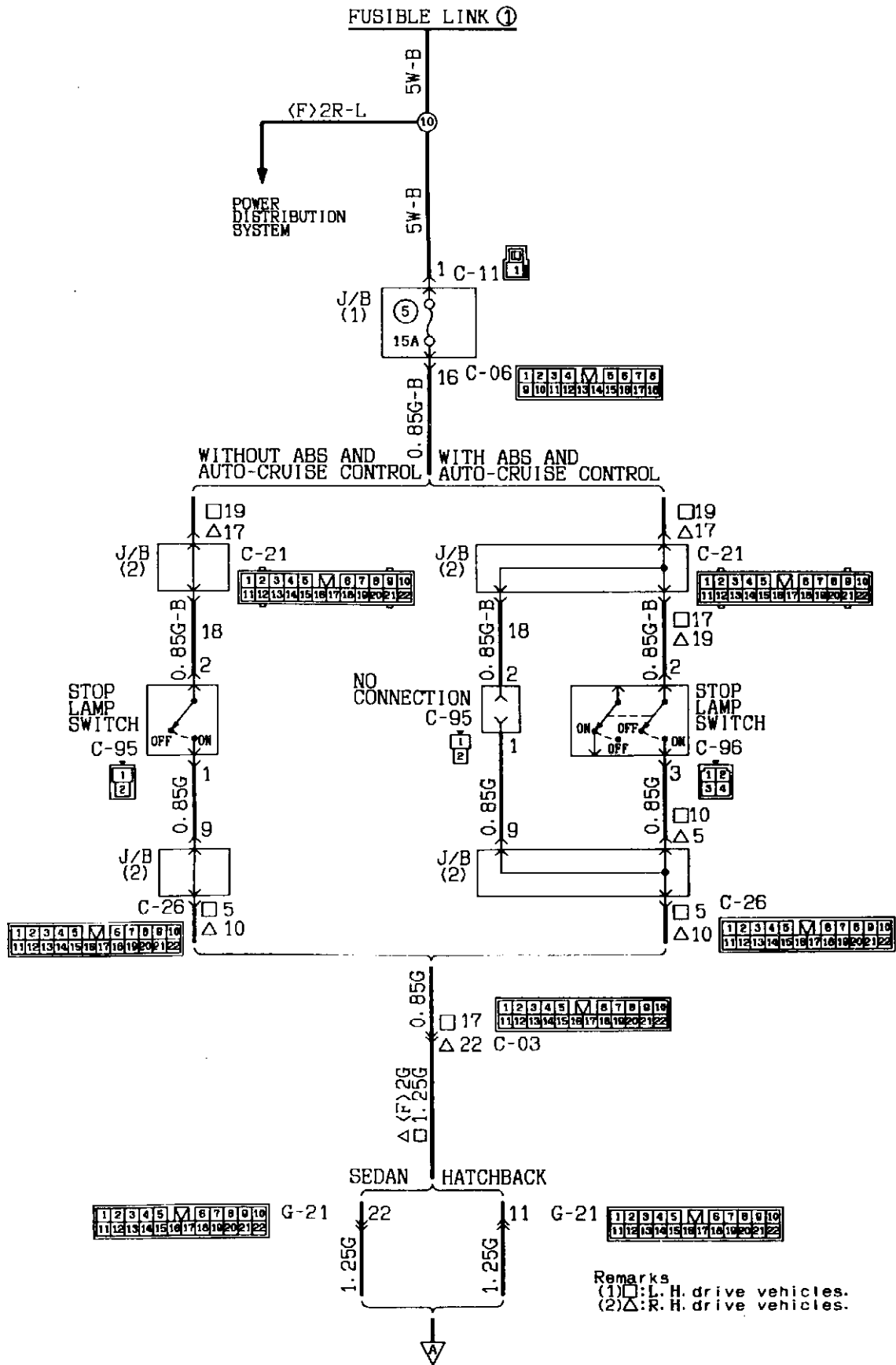


Remarks  
 (1) \*1: SEDAN.  
 (2) \*2: HATCHBACK.  
 (3)  $\square$ : L. H. drive vehicles.  
 (4)  $\Delta$ : R. H. drive vehicles.

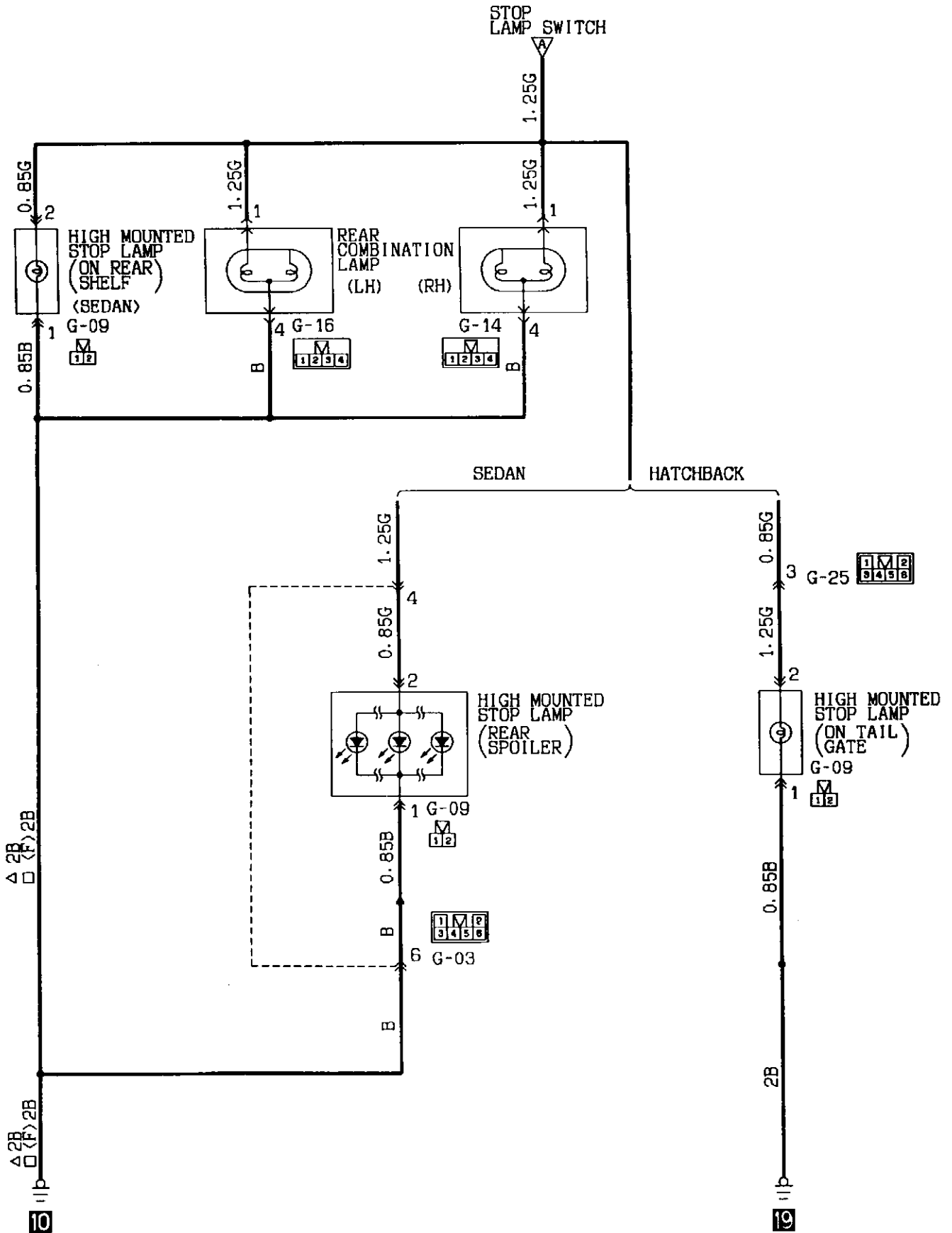




STOP LAMP



KX35-AC-F0001-EC

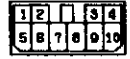


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

# BACK-UP LAMP

M/T

IGNITION SWITCH (IG1)



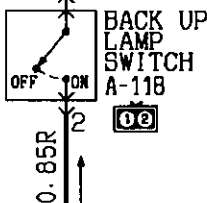
J/B (1)

10A

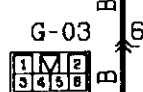
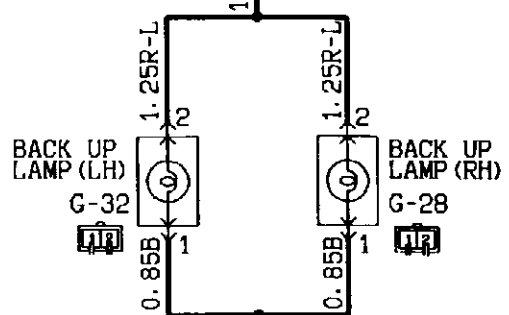
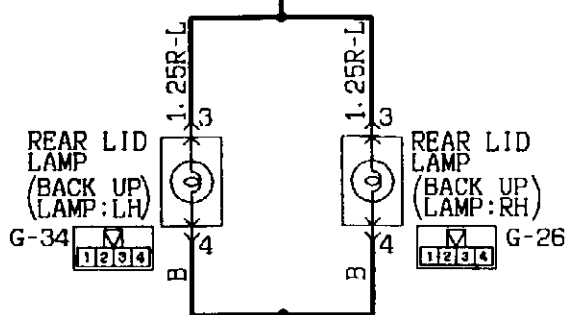
- MPI SYSTEM
- GLOW SYSTEM
- IGNITION SYSTEM
- METER AND GAUGE



0.85R  
0.85R  
0.85R  
ACTIVE-4WS CONTROL SYSTEM



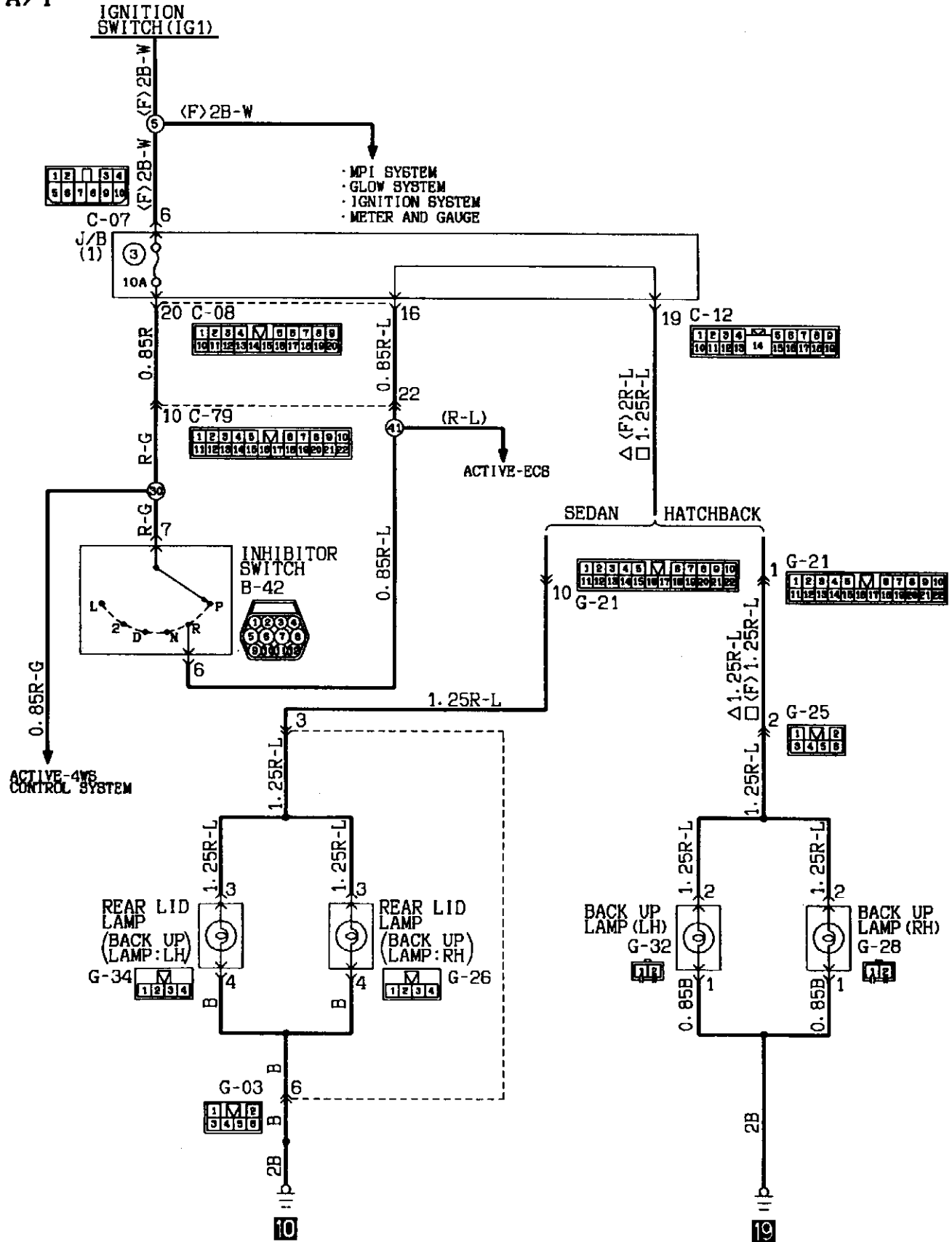
SEDAN HATCHBACK



Remarks  
 (1) □: L. H. drive vehicles.  
 (2) Δ: R. H. drive vehicles.

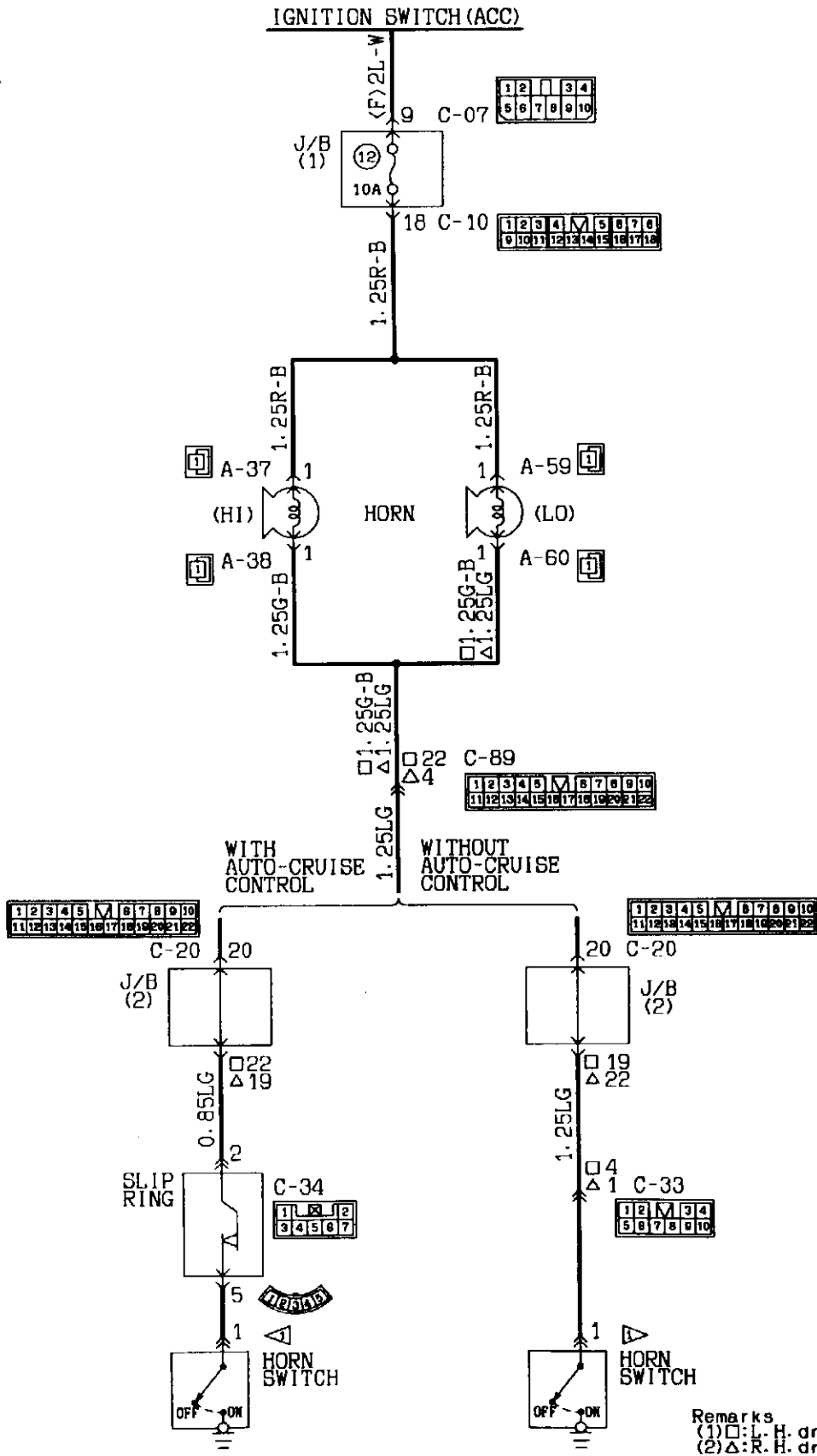
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

BACK-UP LAMP  
A/T



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

**HORN**  
Vehicles without SRS

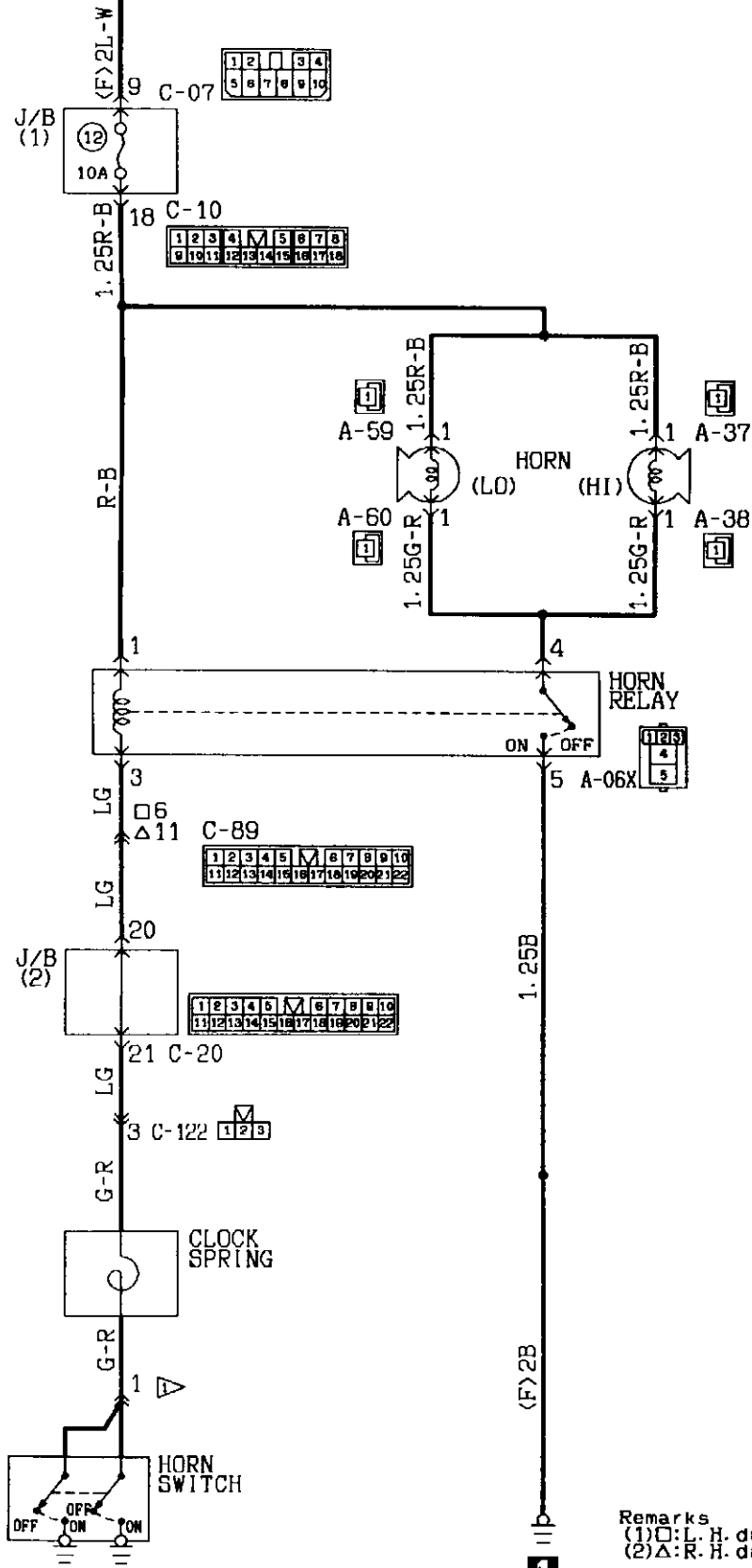


Remarks  
(1) □: L. H. drive Vehicles.  
(2) △: R. H. drive Vehicles.

Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

**HORN**  
Vehicles with SRS

IGNITION SWITCH (ACC)



Remarks  
(1) □: L. H. drive Vehicles.  
(2) △: R. H. drive Vehicles.

Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

**HORN (See P. 4A-134, 135.)****OPERATION**

- When the ignition switch is turned to the ACC position, voltage is applied to the horn via multi-purpose fuse No. ⑫.
- When the horn switch is turned ON, the horn relay also turns ON and the horn sounds.

**TROUBLESHOOTING HINTS**

1. Horn dose not sound.
  - Check multi-purpose fuse No. ⑫.
  - Check the horn relay.
  - Check the horn switch.
  - Check the horn.

**METER AND GAUGE (See P. 4A-137, 141.)****OPERATION****<Fuel gauge>**

- When the ignition switch is at the "ON" position, the fuel gauge is activated.
- When there is much fuel, the unit's resistance is small and the current flowing in the circuit is great, so the gauge's indicator indicates in the "F" area.
- When there is little fuel, the unit's resistance is high and the current flowing in the circuit is small, so the gauge's indicator indicates in the "E" area.

**Remark**

- Since the fuel gauge is a needle holding type, the reading of the needle will be kept as it is even if the ignition switch is turned off.

**<Engine coolant temperature gauge>**

- When the ignition switch is at the "ON" position, the engine coolant temperature gauge is activated.
- When the engine coolant temperature is high, the unit's resistance is low and there is a great flow of current in the circuit, so the gauge's indicator indicates in the "H" area.
- When the engine coolant temperature is low, the unit's resistance is high and there is a small flow of current in the circuit, so the gauge's indicator indicates in the "C" area.

**TROUBLESHOOTING HINTS**

1. Fuel gauge does not operate, or registers incorrectly.

**<Diesel-powered vehicles>**

- 1) When the fuel gauge unit connector is disconnected and terminal (3) is earthed, the gauge indicates in the F area.
  - Check the fuel gauge unit.

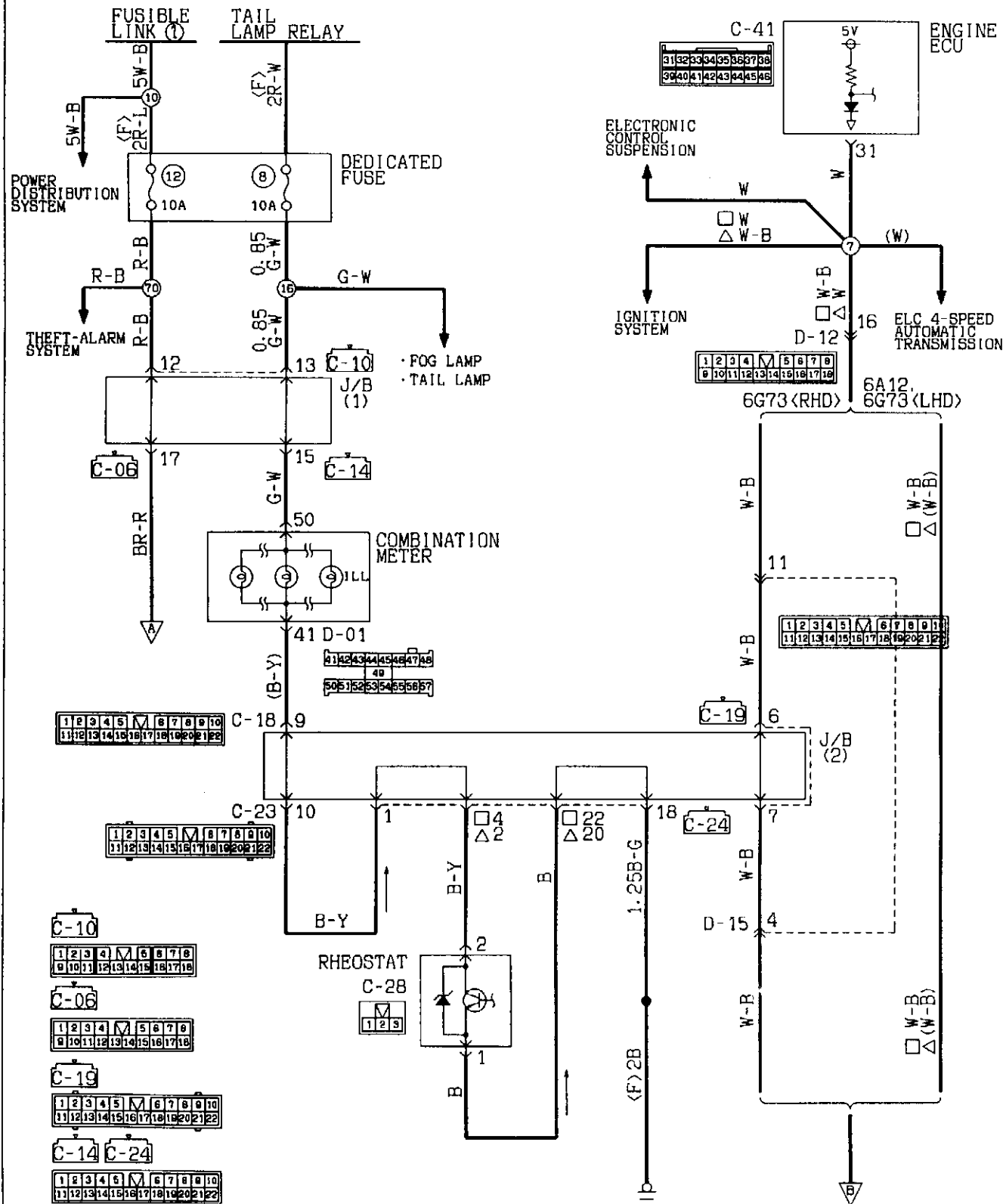
**<2WD-MPI>**

- 1) When the fuel gauge unit connector disconnected and terminal (5) is earthed, the gauge indicates in the F area.
  - Check the fuel gauge unit.

**<4WD>**

- 1) When the fuel gauge unit connector is disconnected and terminal (2) is earthed, the gauge indicates in the F area.
  - Check the fuel gauge unit.
2. Engine coolant temperature gauge dose not operate, or registers incorrectly.
  - 1) When the engine coolant temperature gauge unit connector is disconnected and terminal (1) is earthed, the gauge indicates in the H area.
    - Check the engine coolant temperature gauge unit.

METER AND GAUGE  
Petrol-powered vehicles



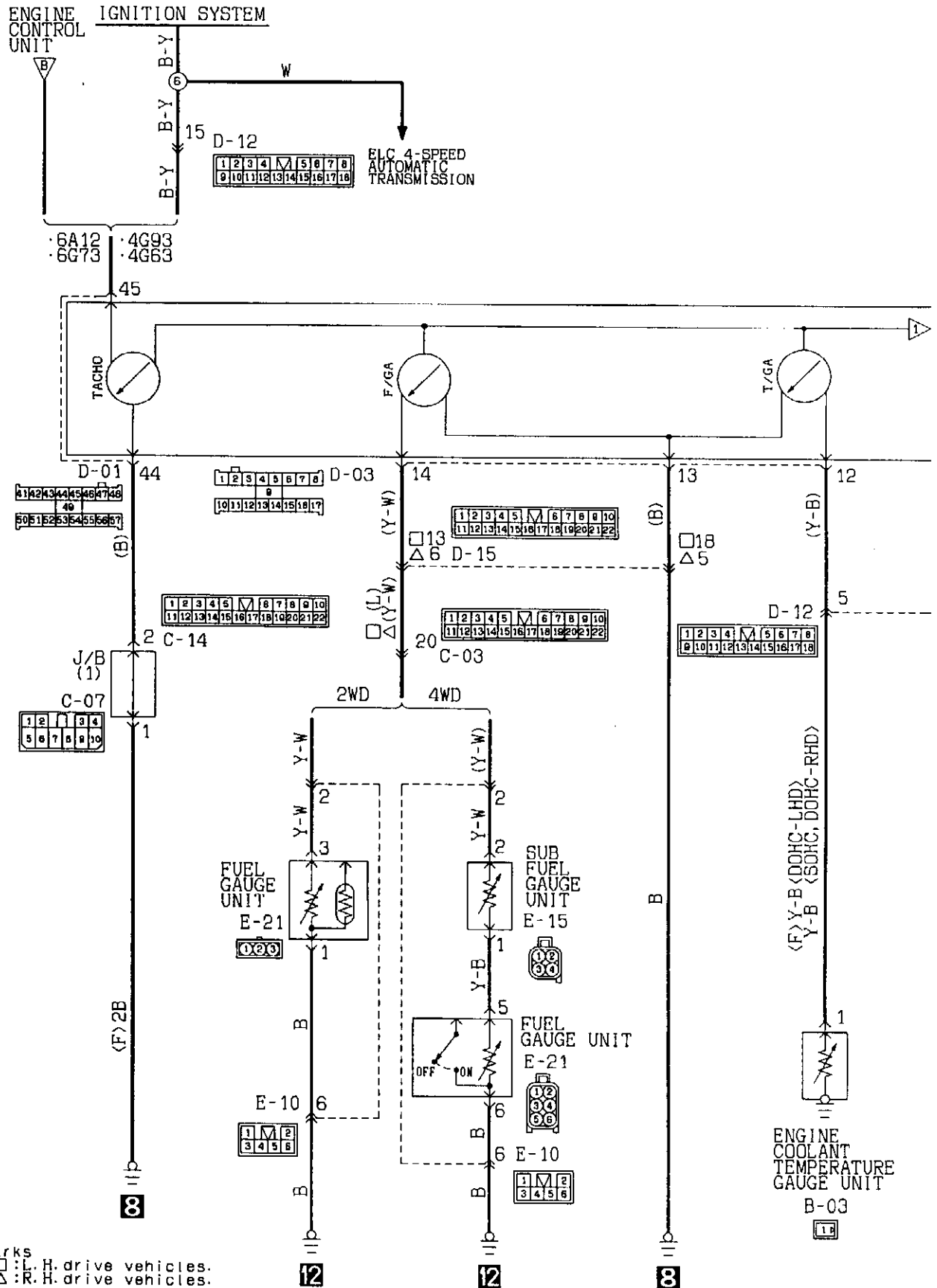
Remarks  
(1) □ : L. H. drive vehicles.  
(2) △ : R. H. drive vehicles.

Wire colour code  
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

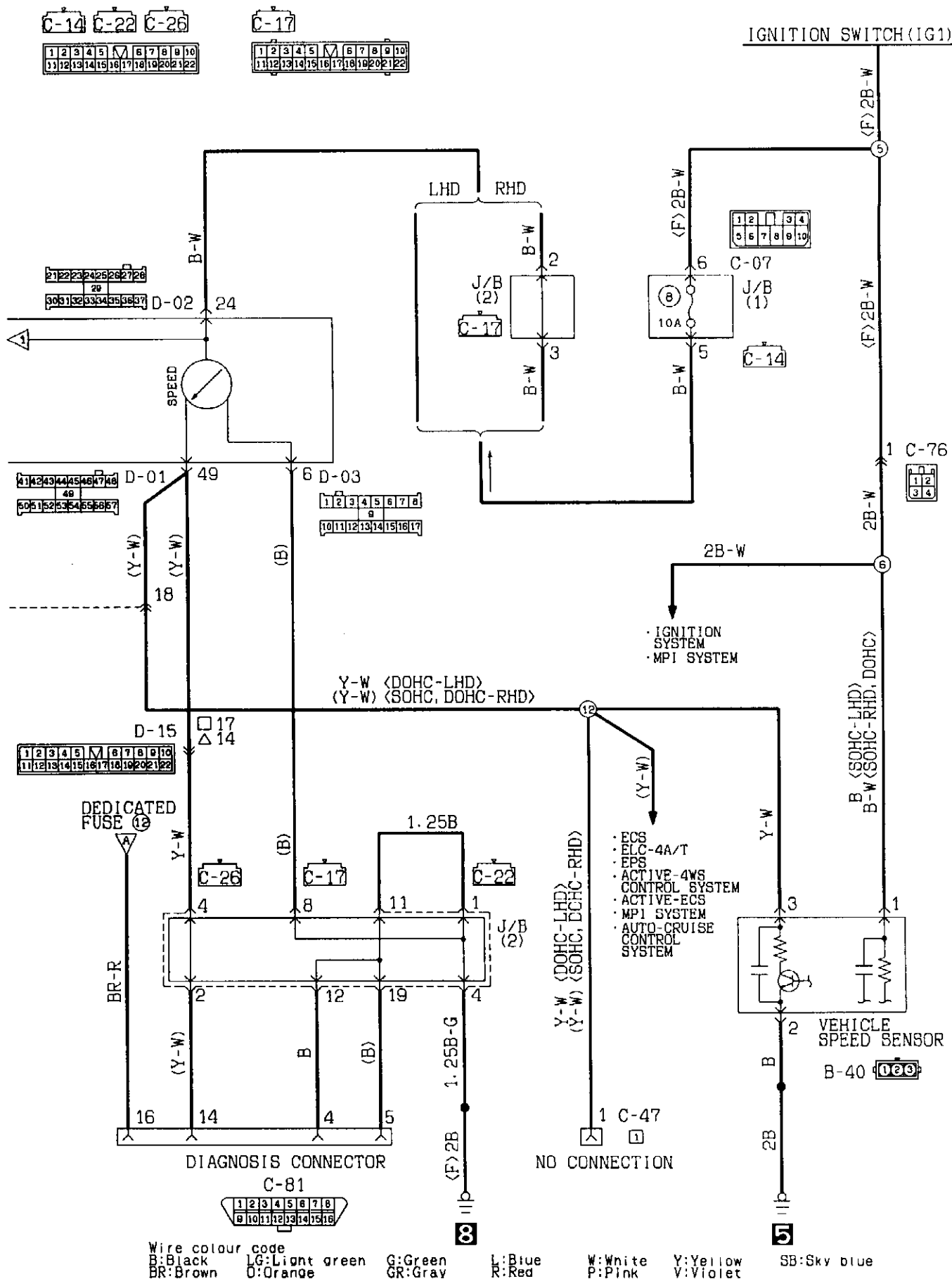
KX35-AC-F1004-EC



METER AND GAUGE (Petrol-powered vehicles) (CONTINUED)

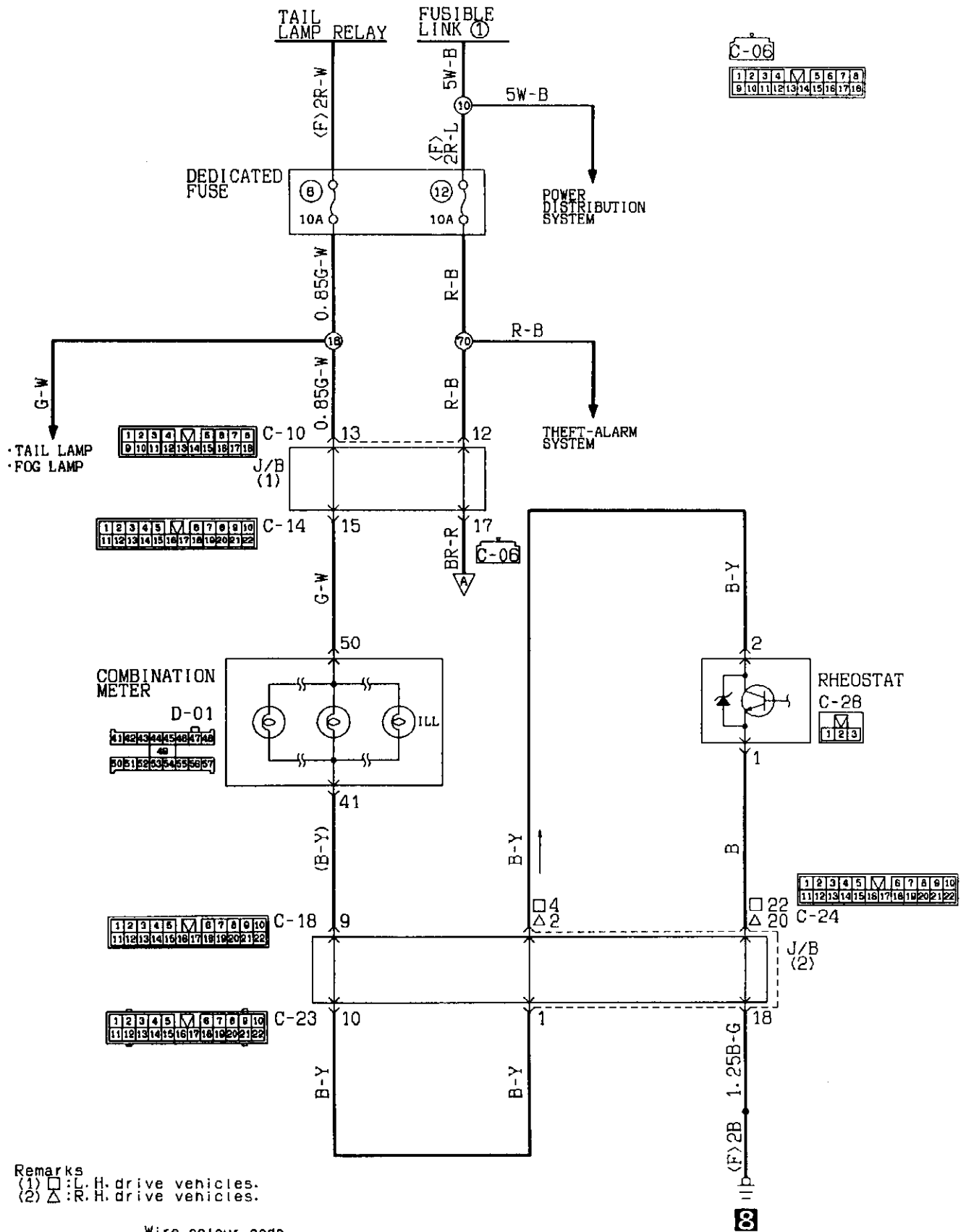


Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.



**NOTES**

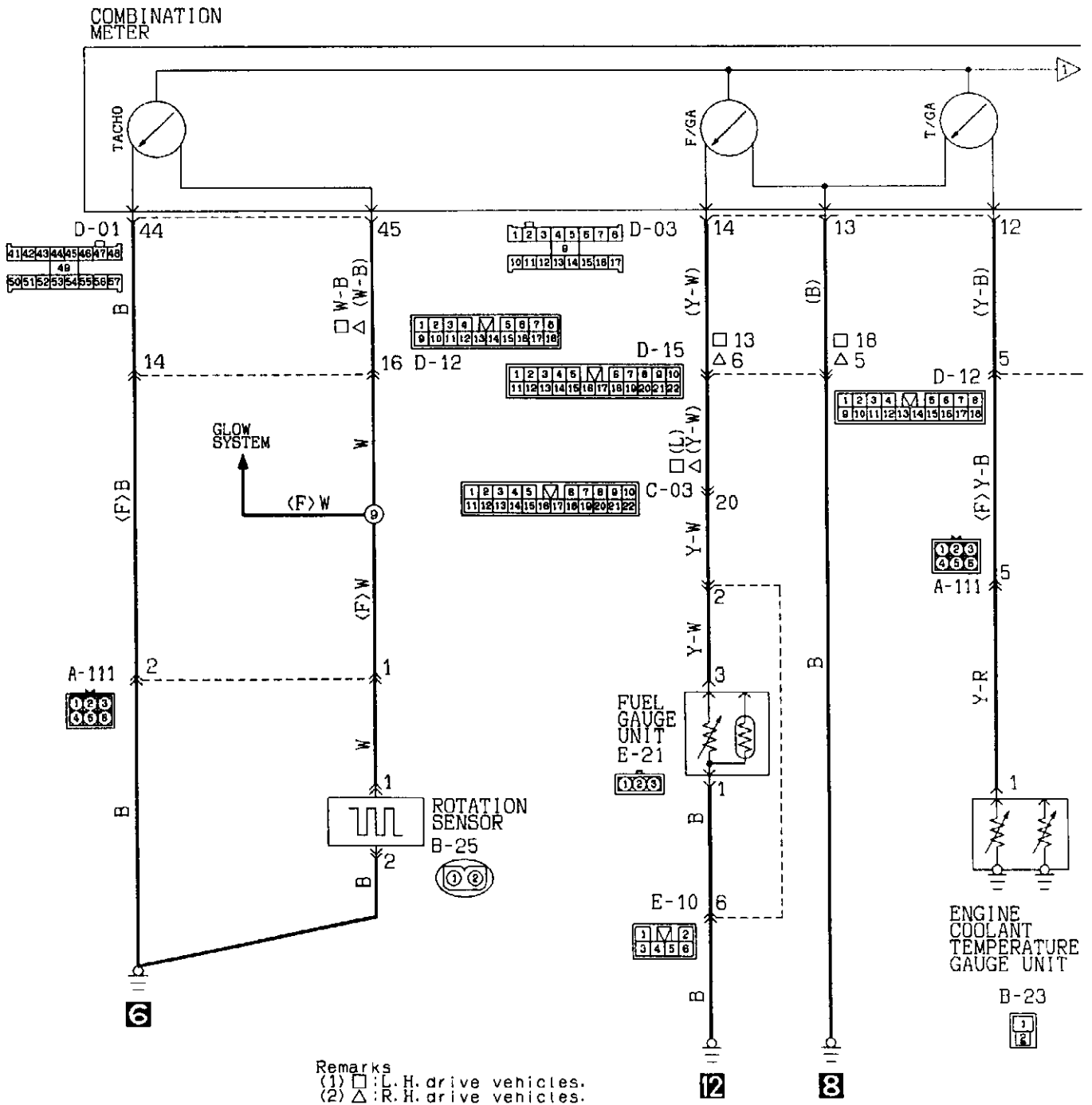
METER AND GAUGE  
Diesel-powered vehicles



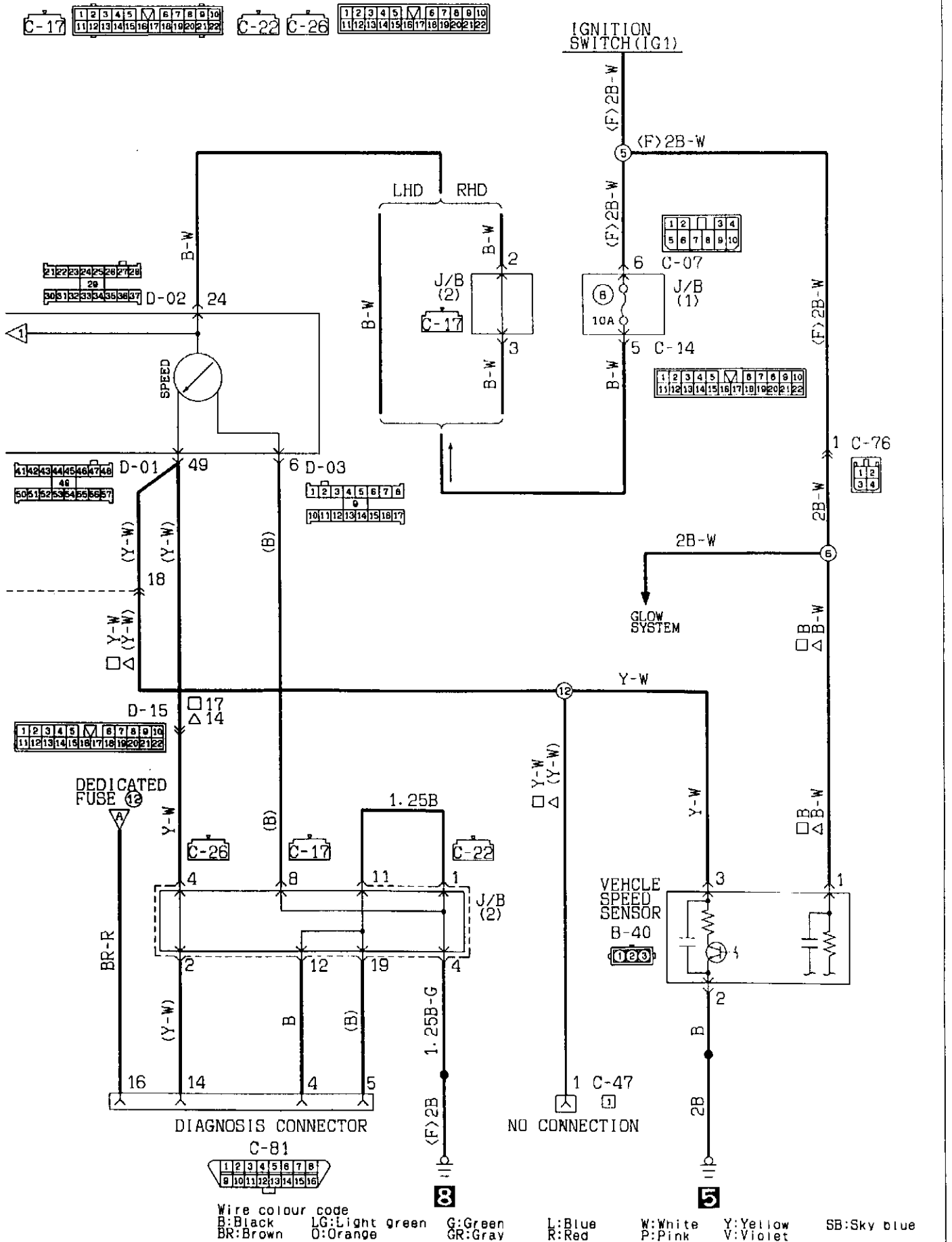
Remarks  
(1) □ : L. H. drive vehicles.  
(2) △ : R. H. drive vehicles.

Wire colour code  
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

METER AND GAUGE (Diesel-powered vehicles) (CONTINUED)

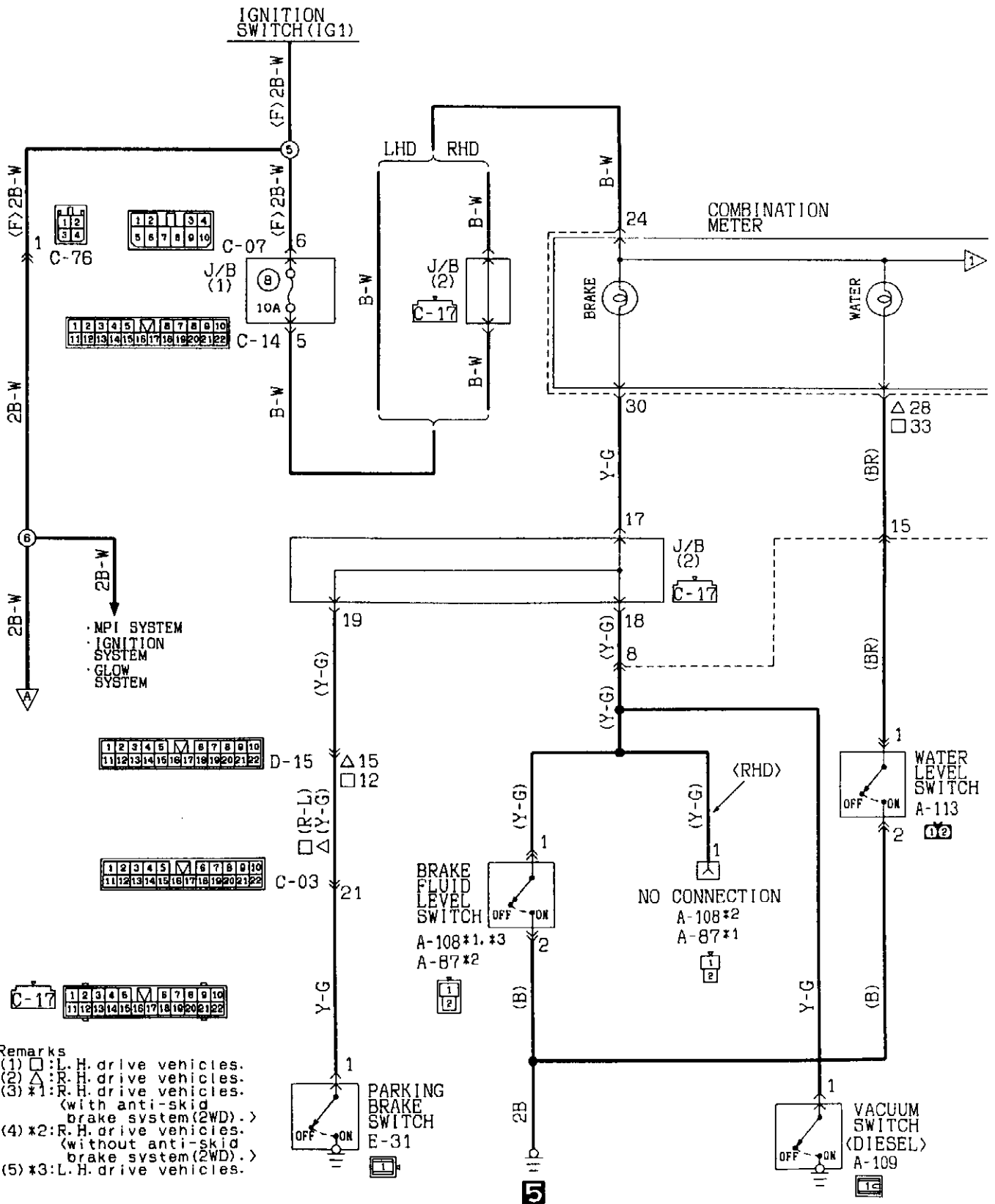


KX35-AC-F1005A-EC



BRAKE WARNING LAMP

FUEL FILTER WARNING LAMP  
(4D68)

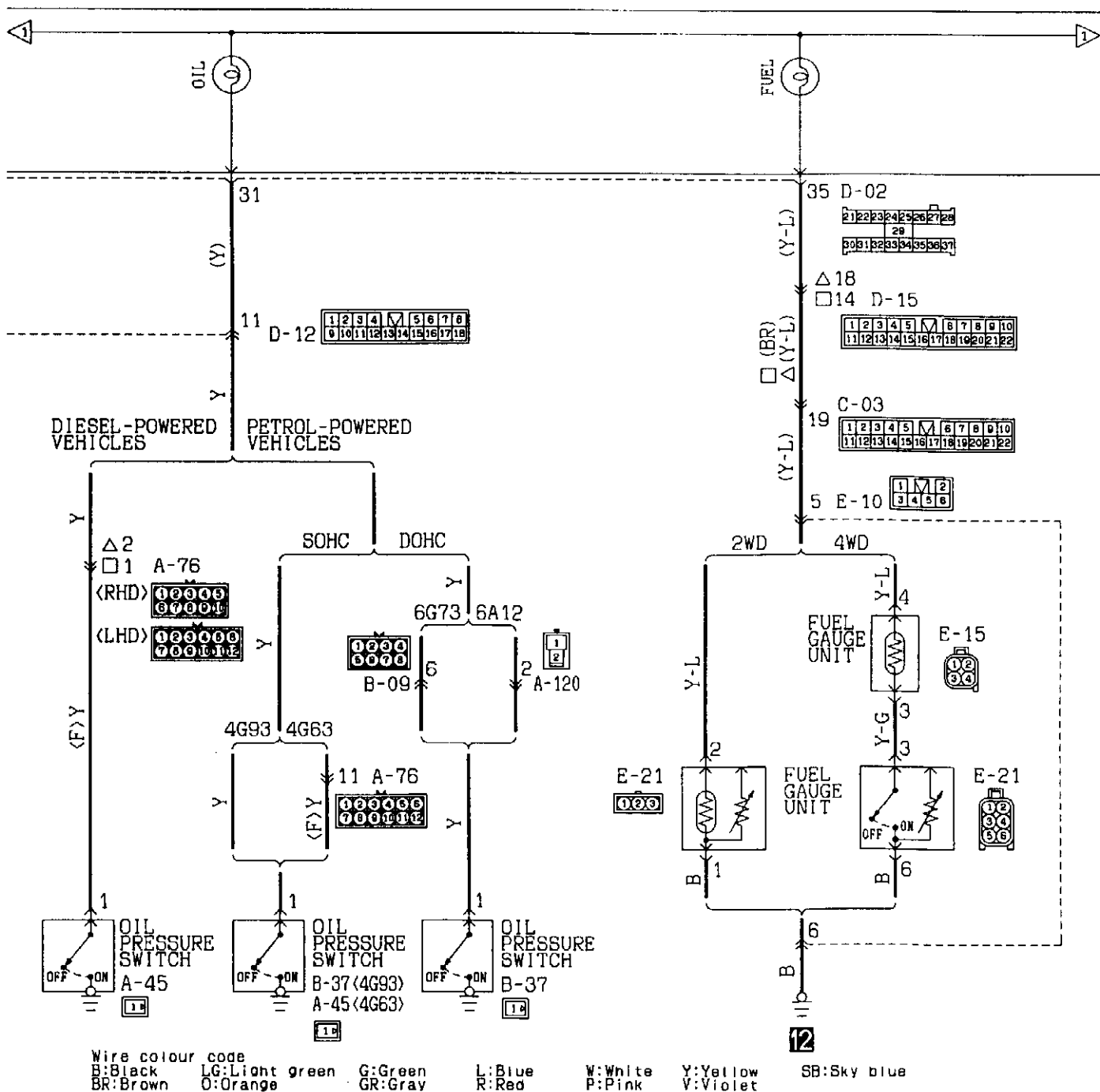


- Remarks
- (1) □: L.H. drive vehicles.
  - (2) △: R.H. drive vehicles.
  - (3) \*1: R.H. drive vehicles.  
(with anti-skid brake system (2WD).)
  - (4) \*2: R.H. drive vehicles.  
(without anti-skid brake system (2WD).)
  - (5) \*3: L.H. drive vehicles.

KX35-AC-F1006-2C

OIL PRESSURE WARNING LAMP

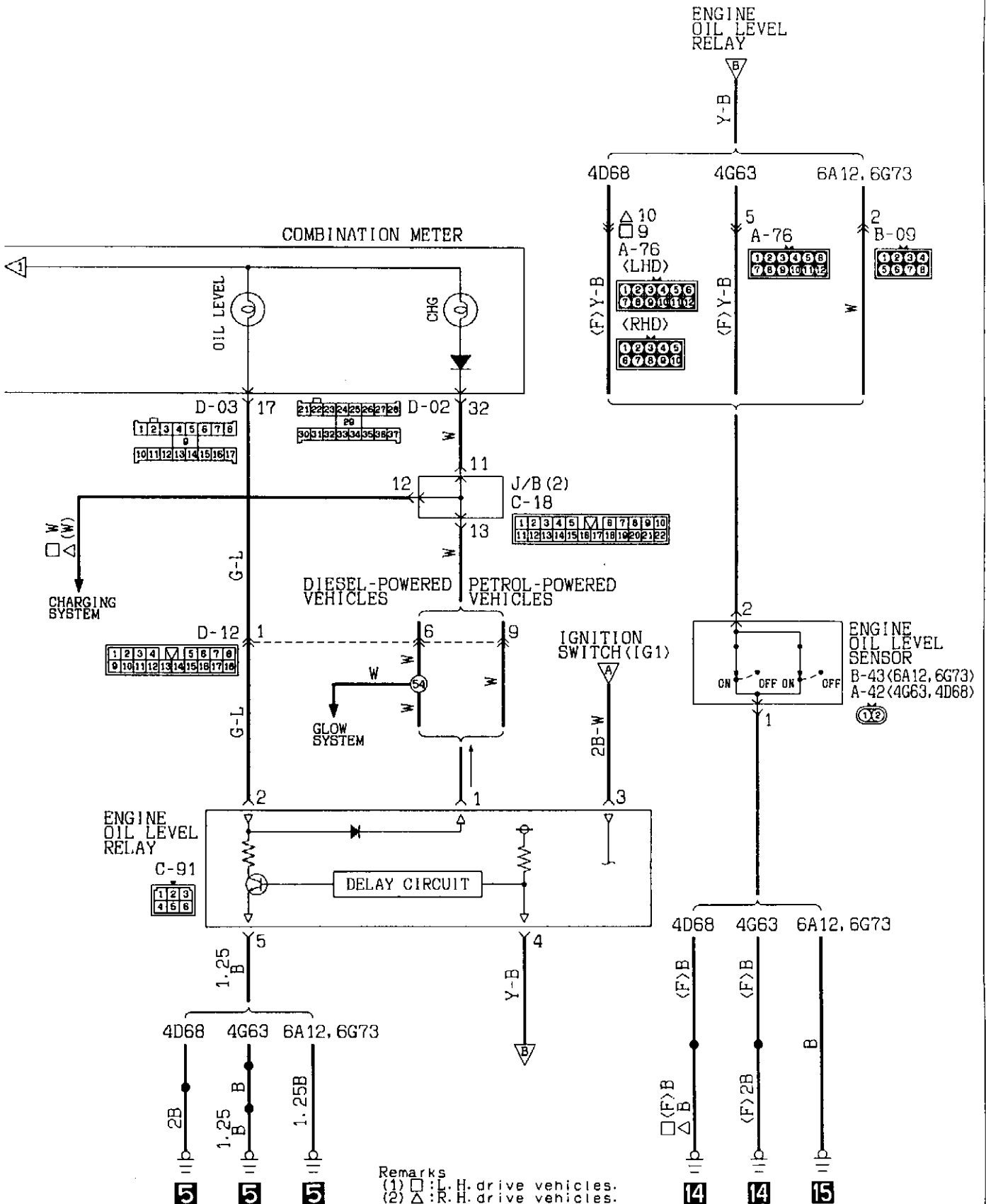
FUEL WARNING LAMP





ENGINE OIL LEVEL WARNING LAMP  
<4D68, 4G63, 6A12, 6G73>

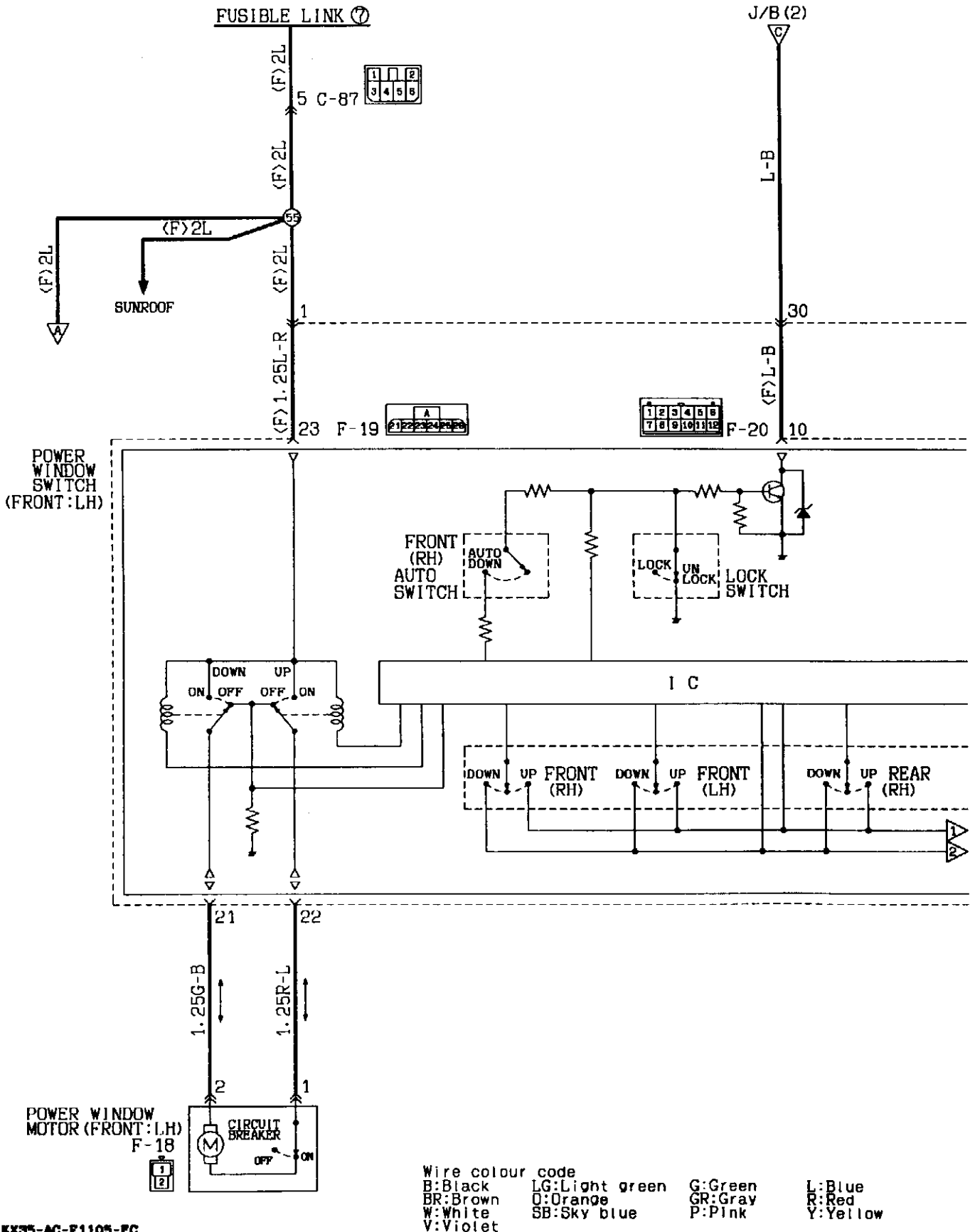
CHARGE WARNING LAMP



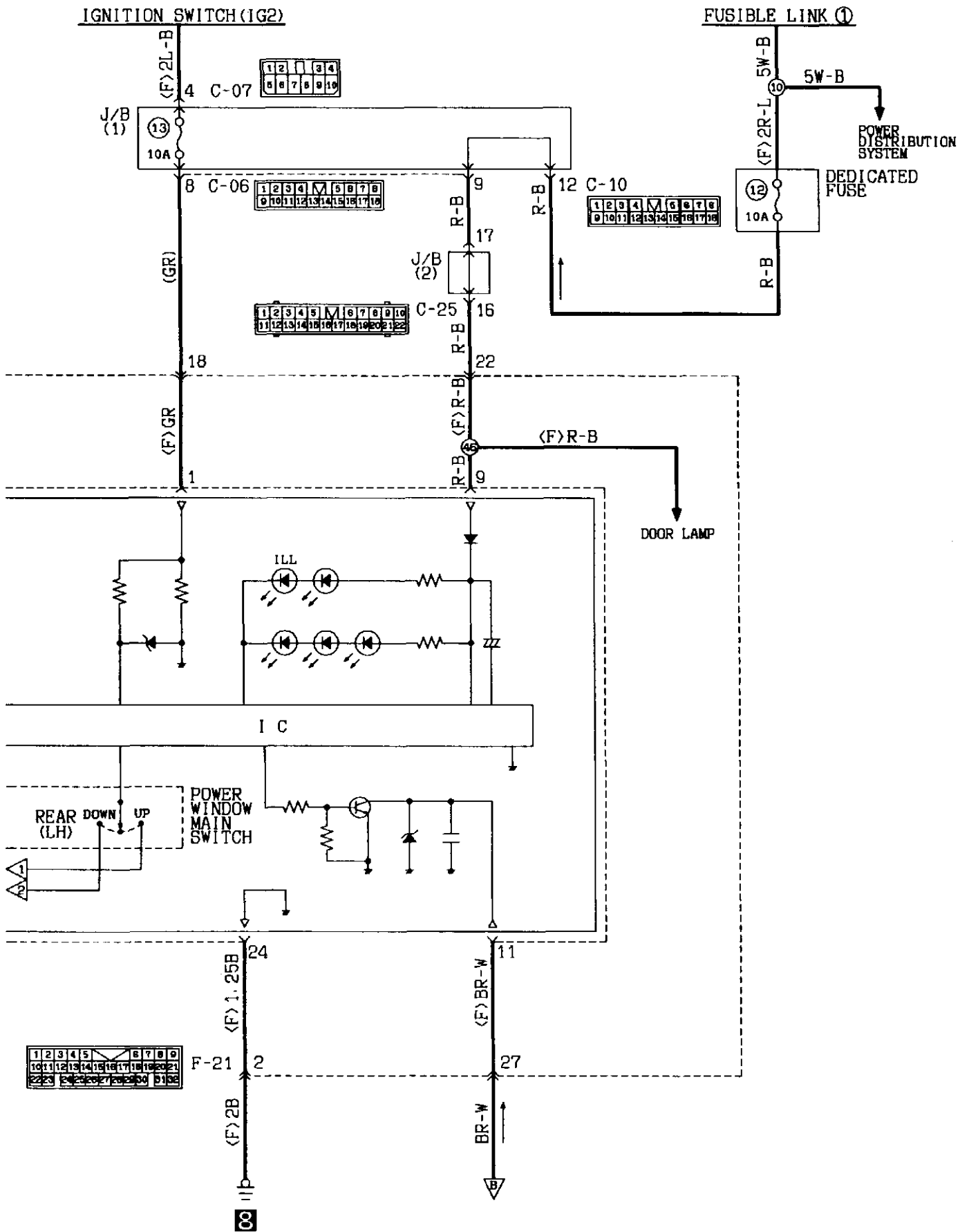
KX35-AC-F1008A-EC

NOTES

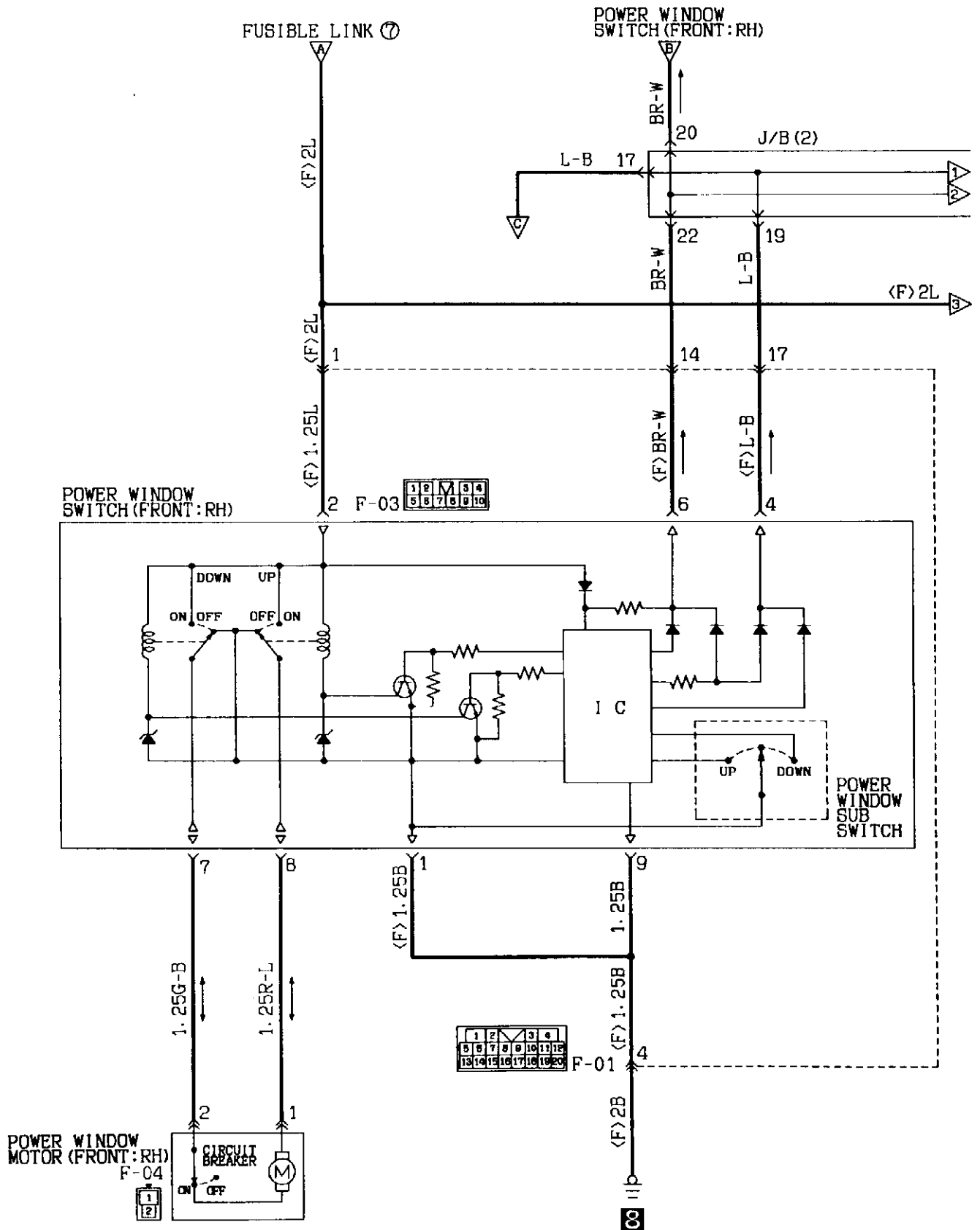
POWER WINDOW  
L.H. drive vehicles



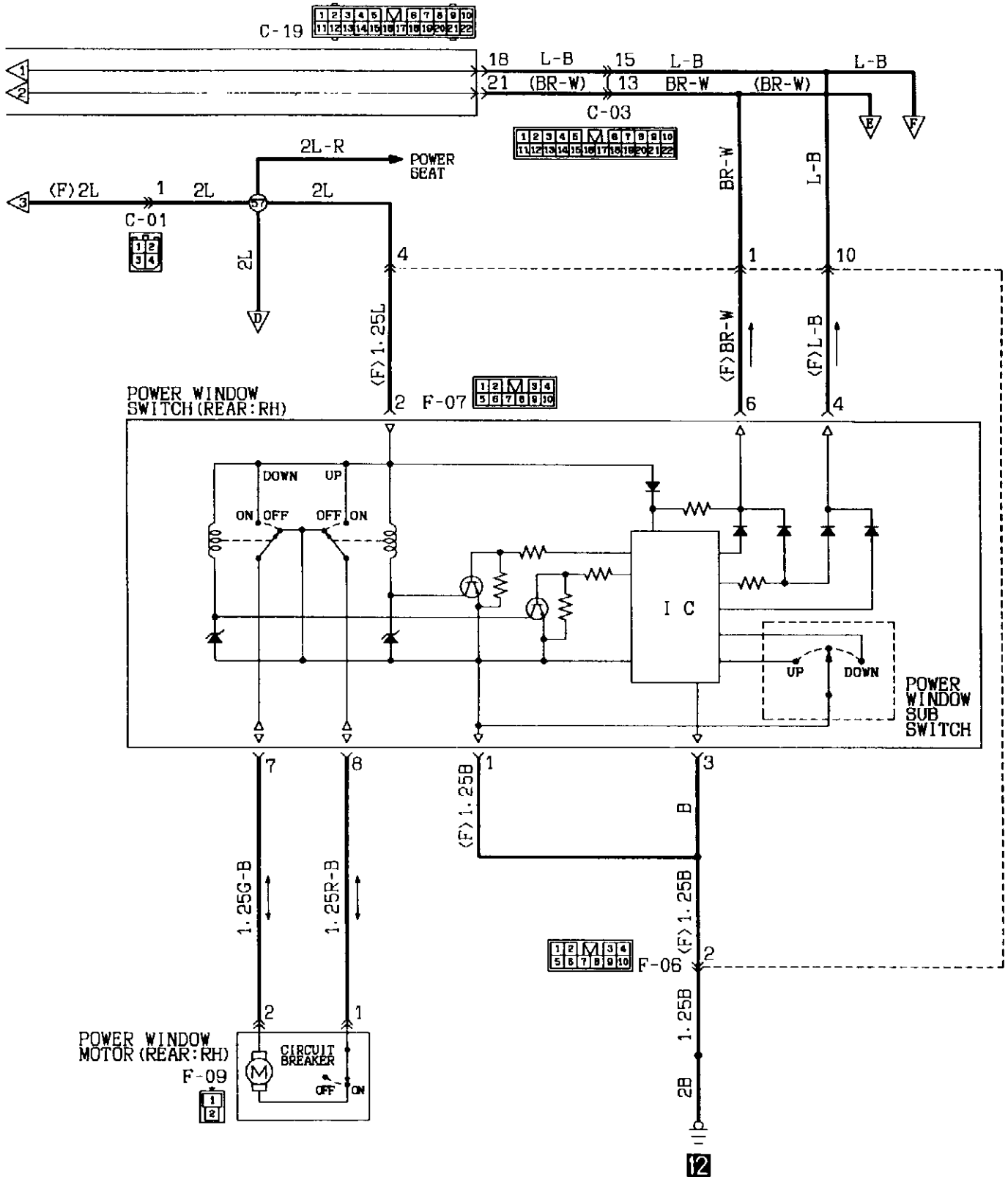
KX35-AC-F1105-EC



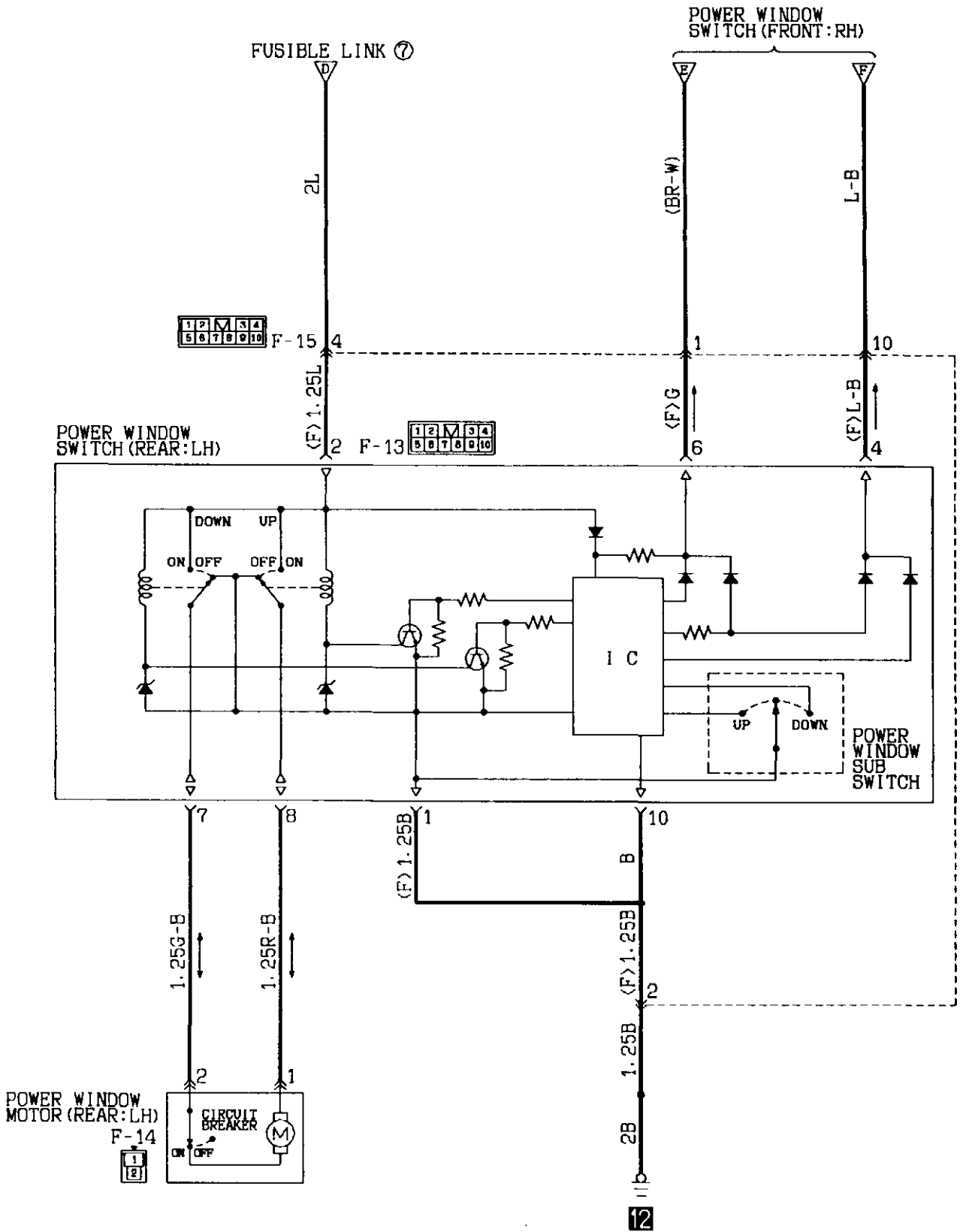
POWER WINDOW (L. H. drive vehicles)(CONTINUED)



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



POWER WINDOW (L. H. drive vehicles) (CONTINUED)



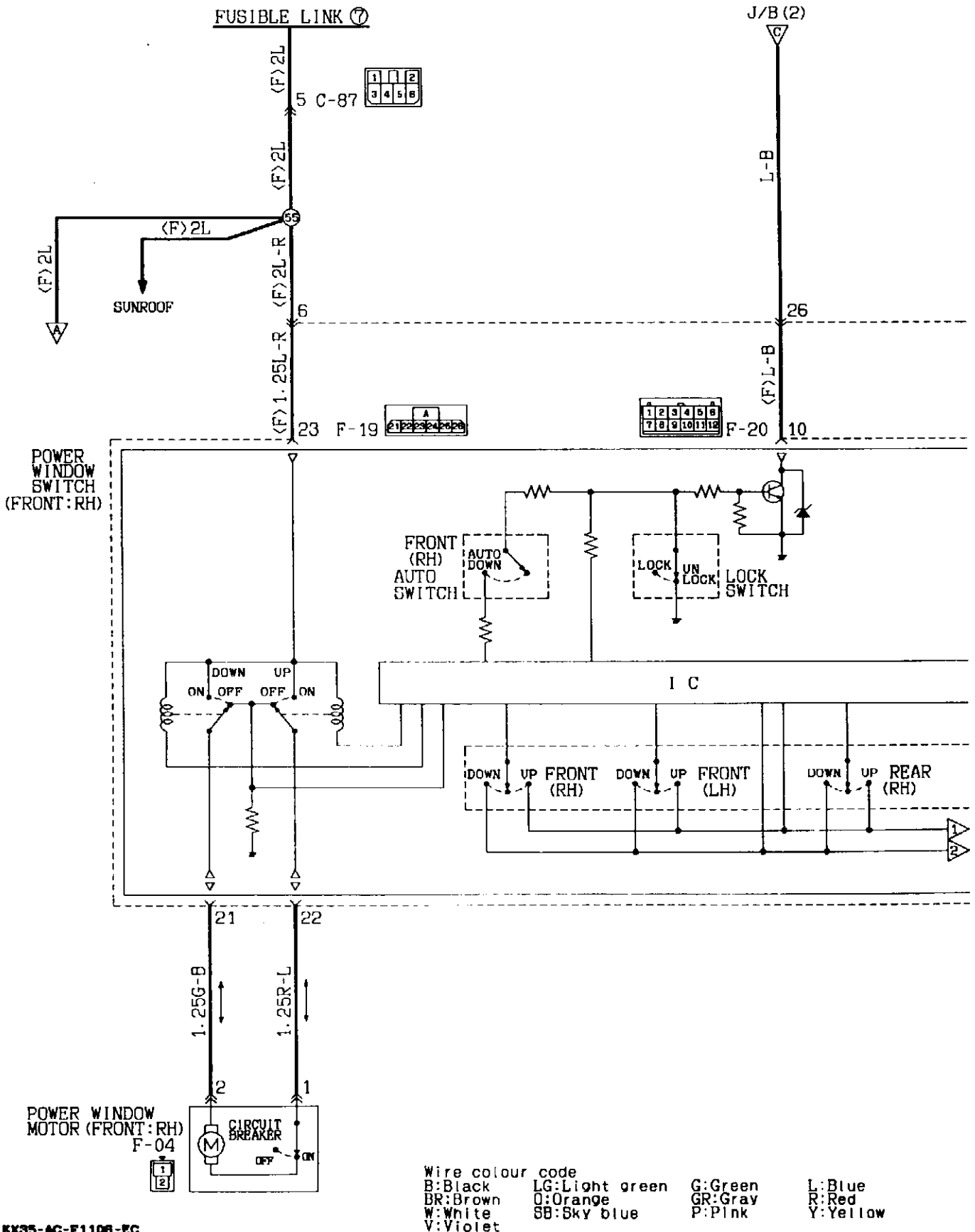
Wire colour code  
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KX35-AC-F1105B-EC

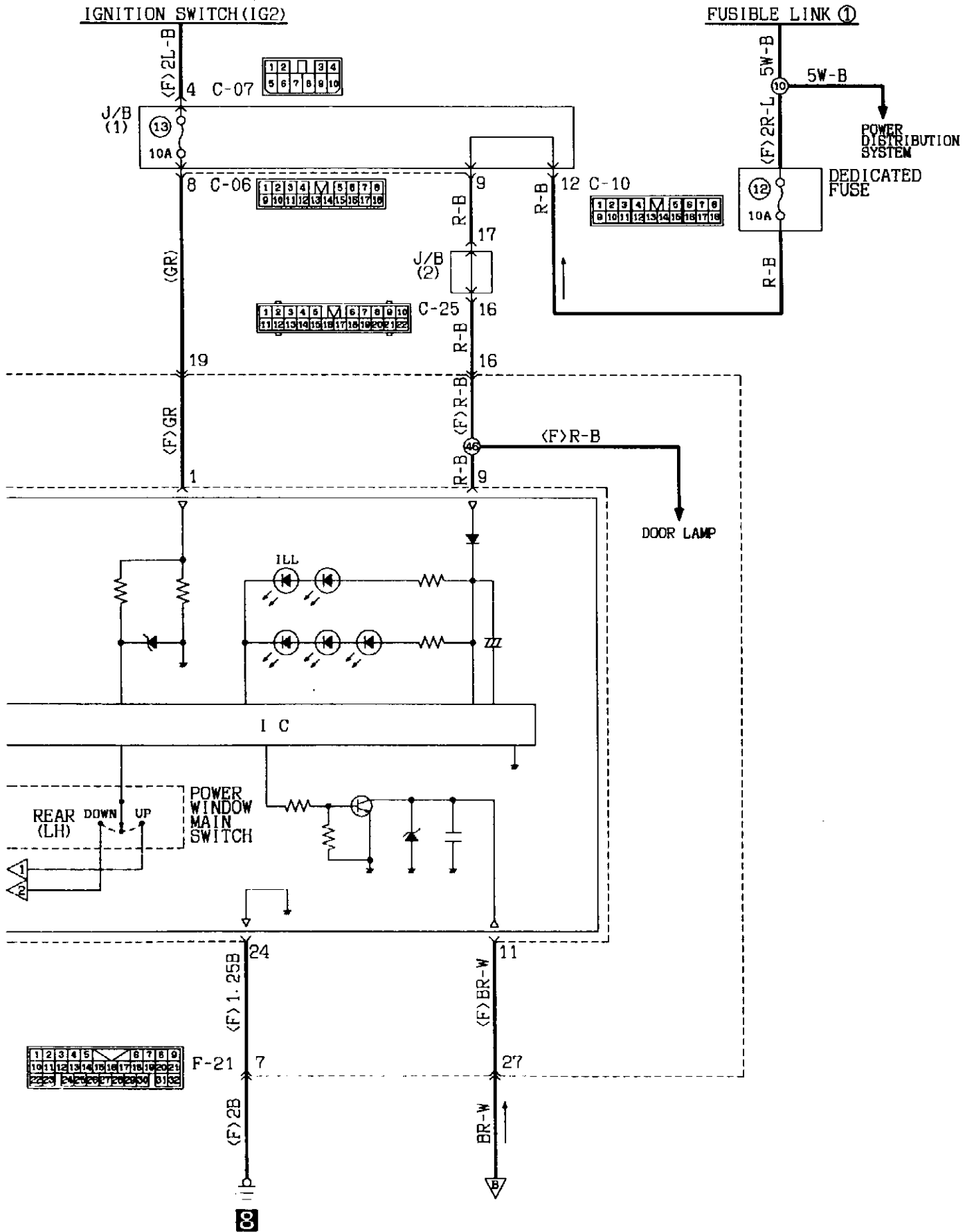
**NOTES**



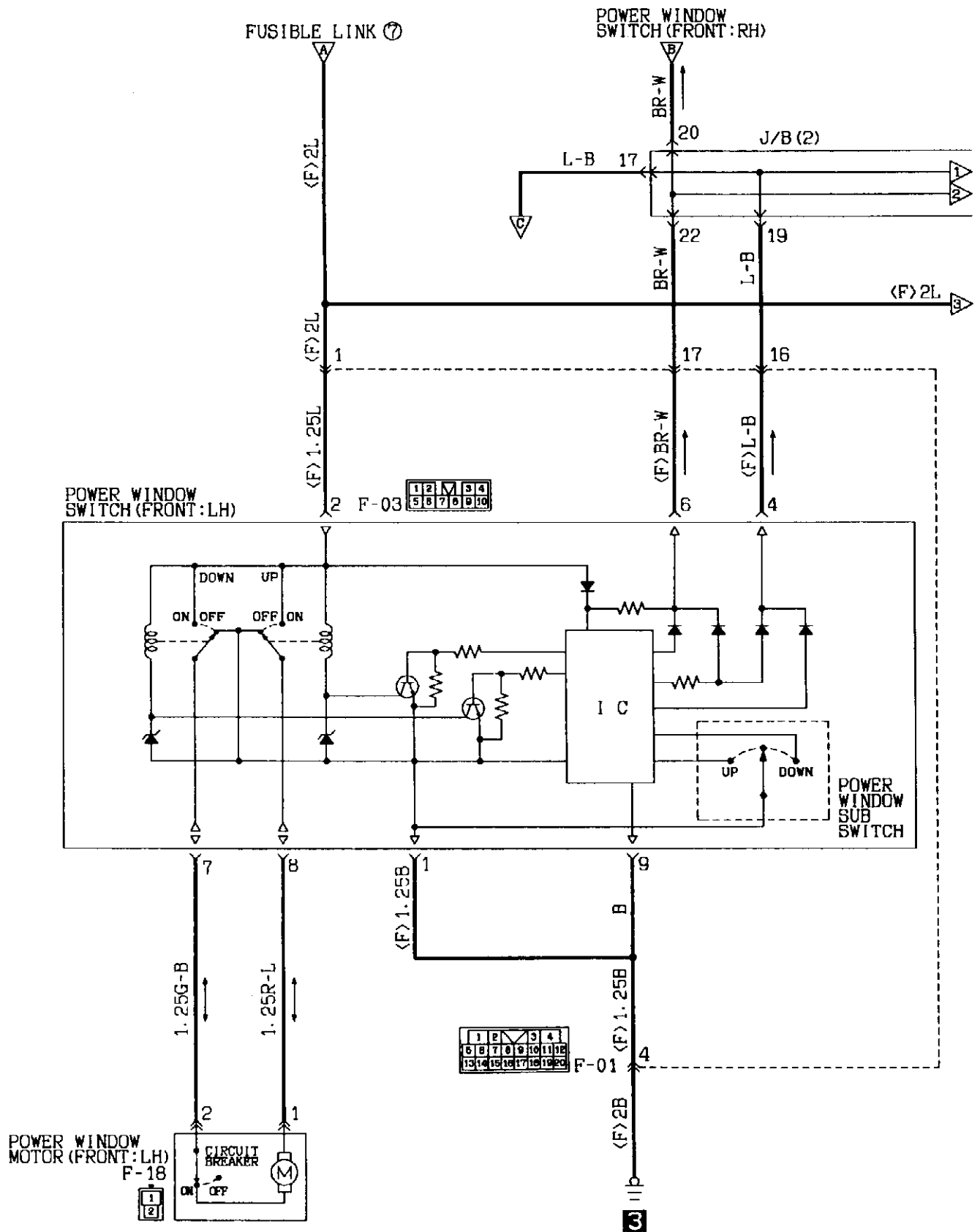
POWER WINDOW  
R. H. drive vehicles



KX35-AC-F1106-EC

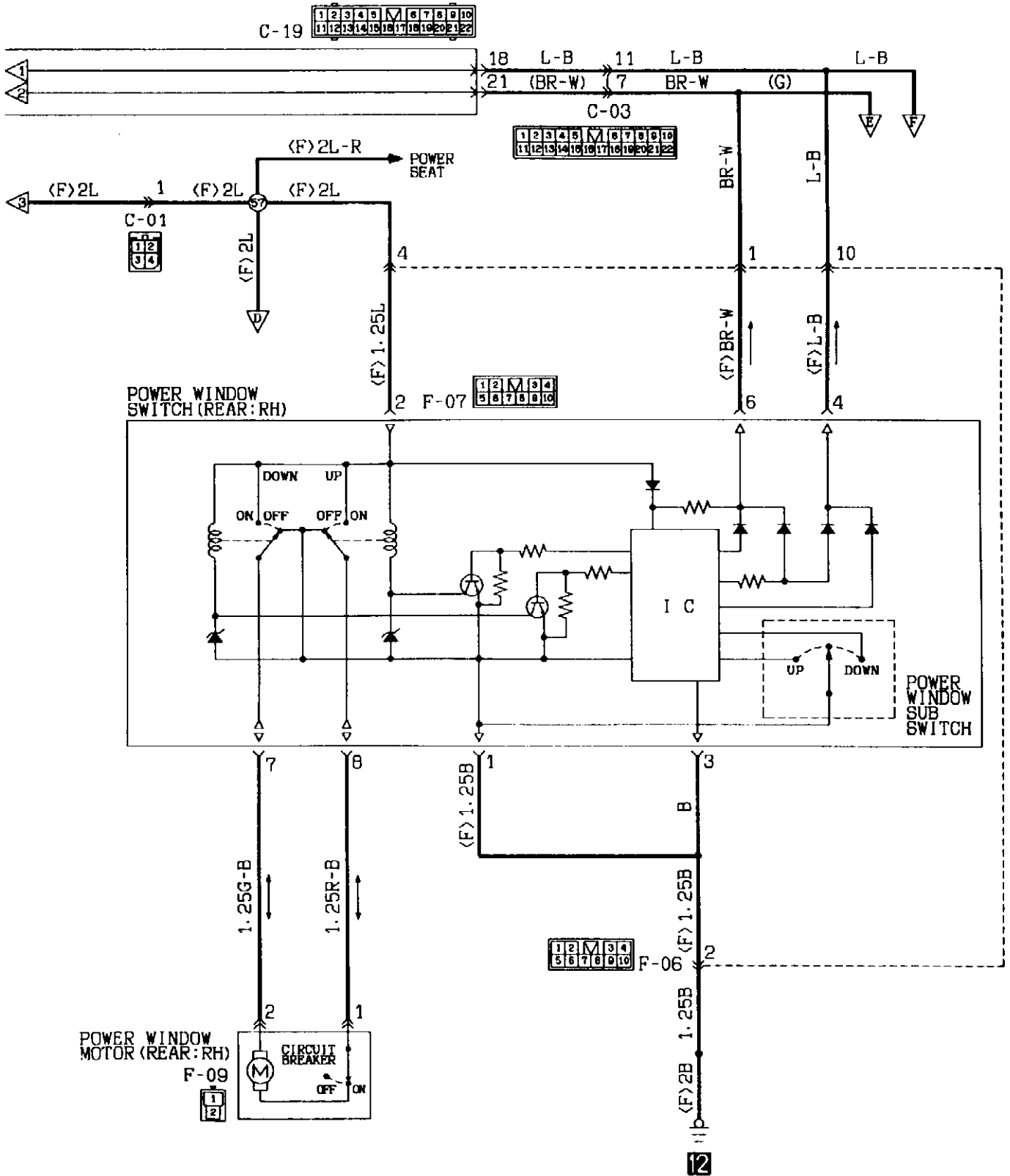


POWER WINDOW (R.H. drive vehicles)(CONTINUED)



Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F1106A-EC

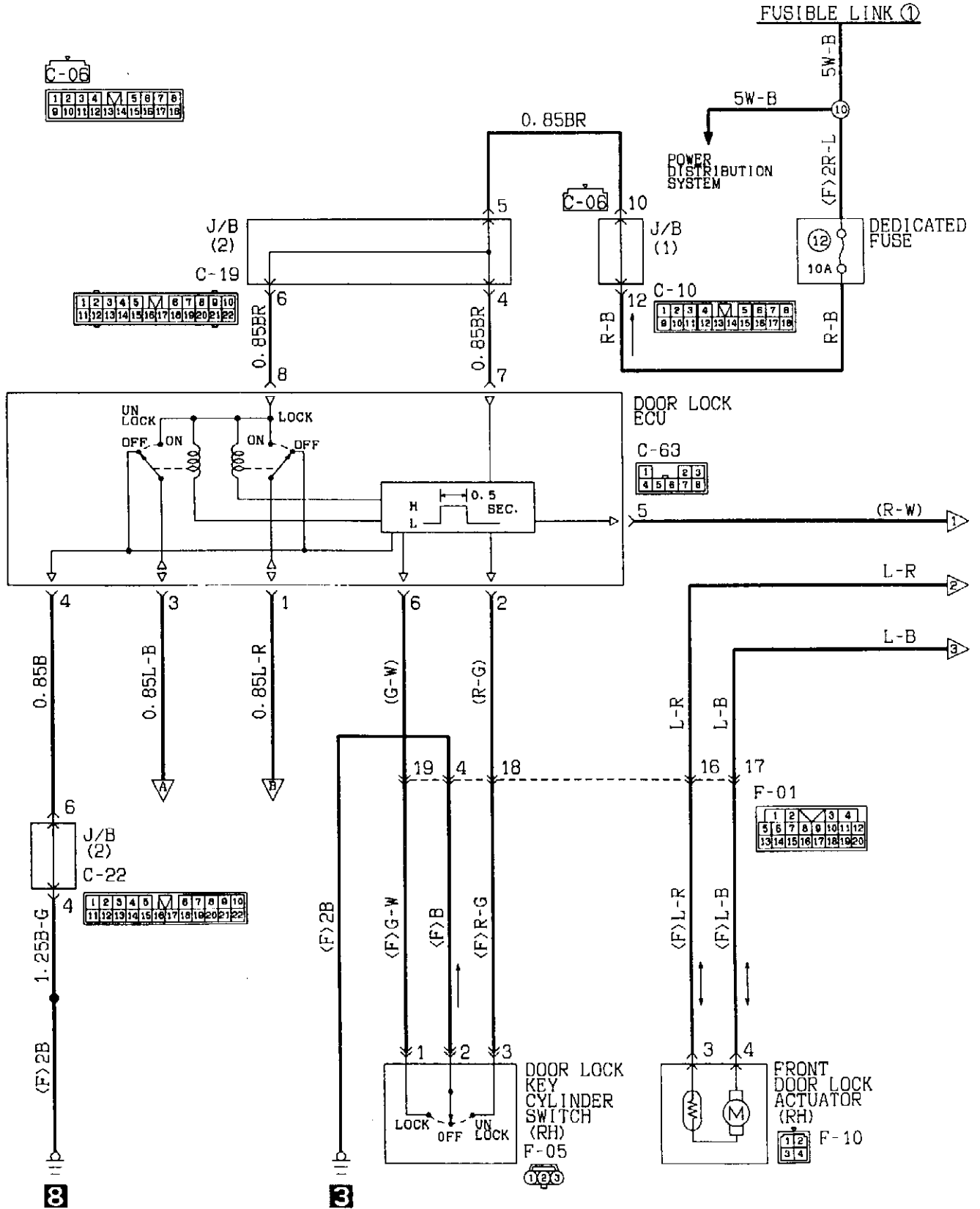




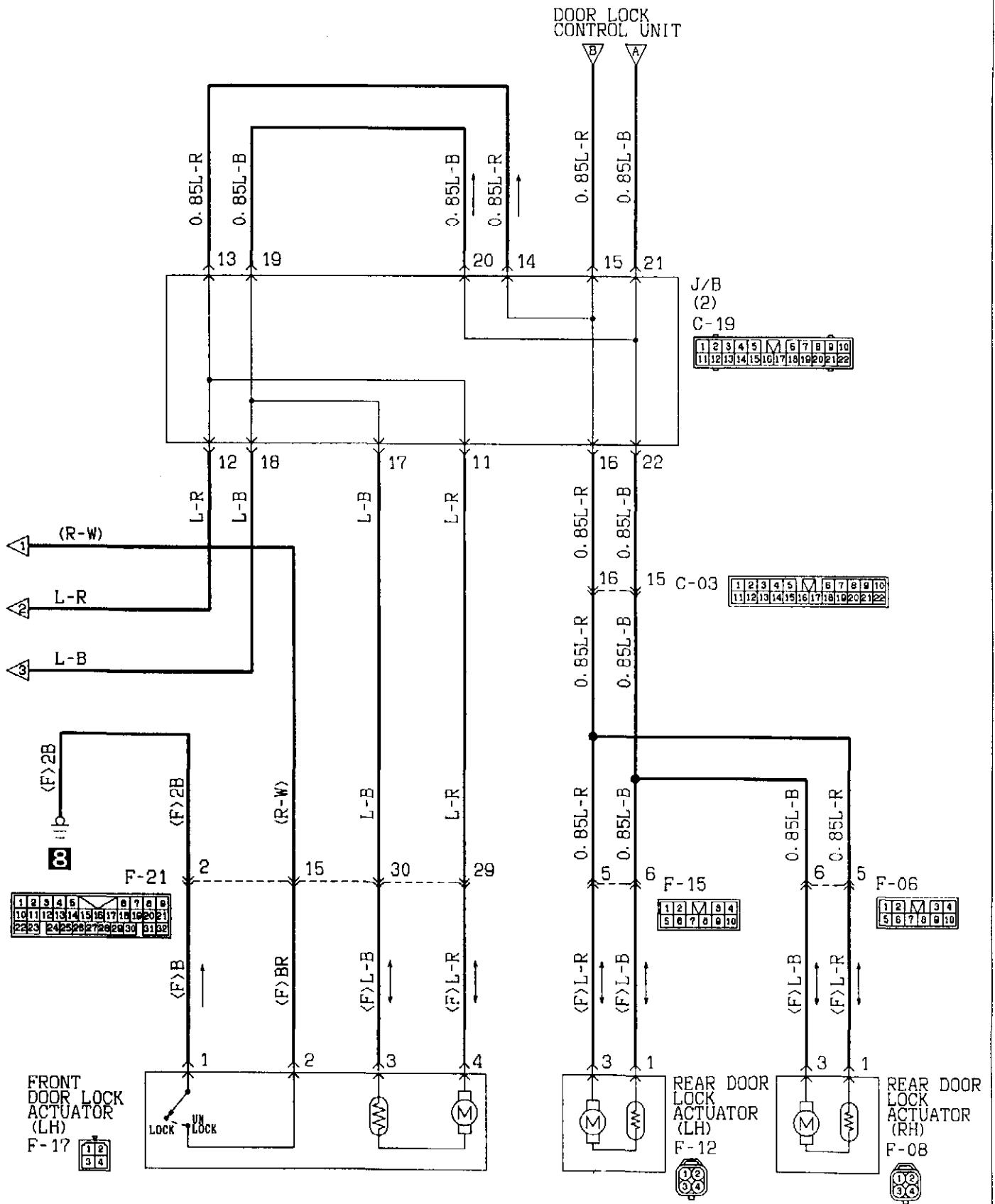
NOTES

# CENTRAL DOOR LOCKING SYSTEM

L.H. drive vehicles without power window



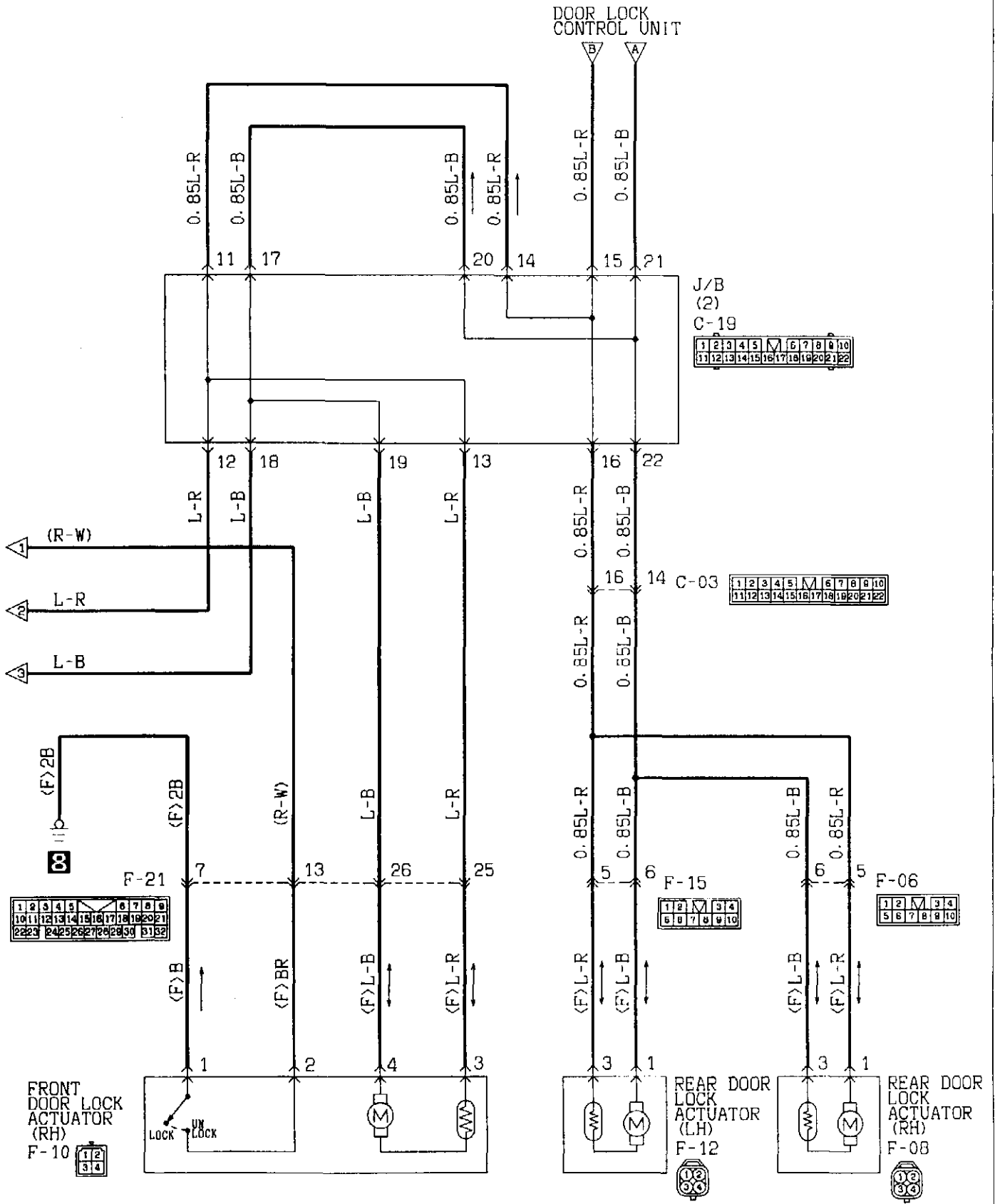
KX95-AC-F1107-EC



Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

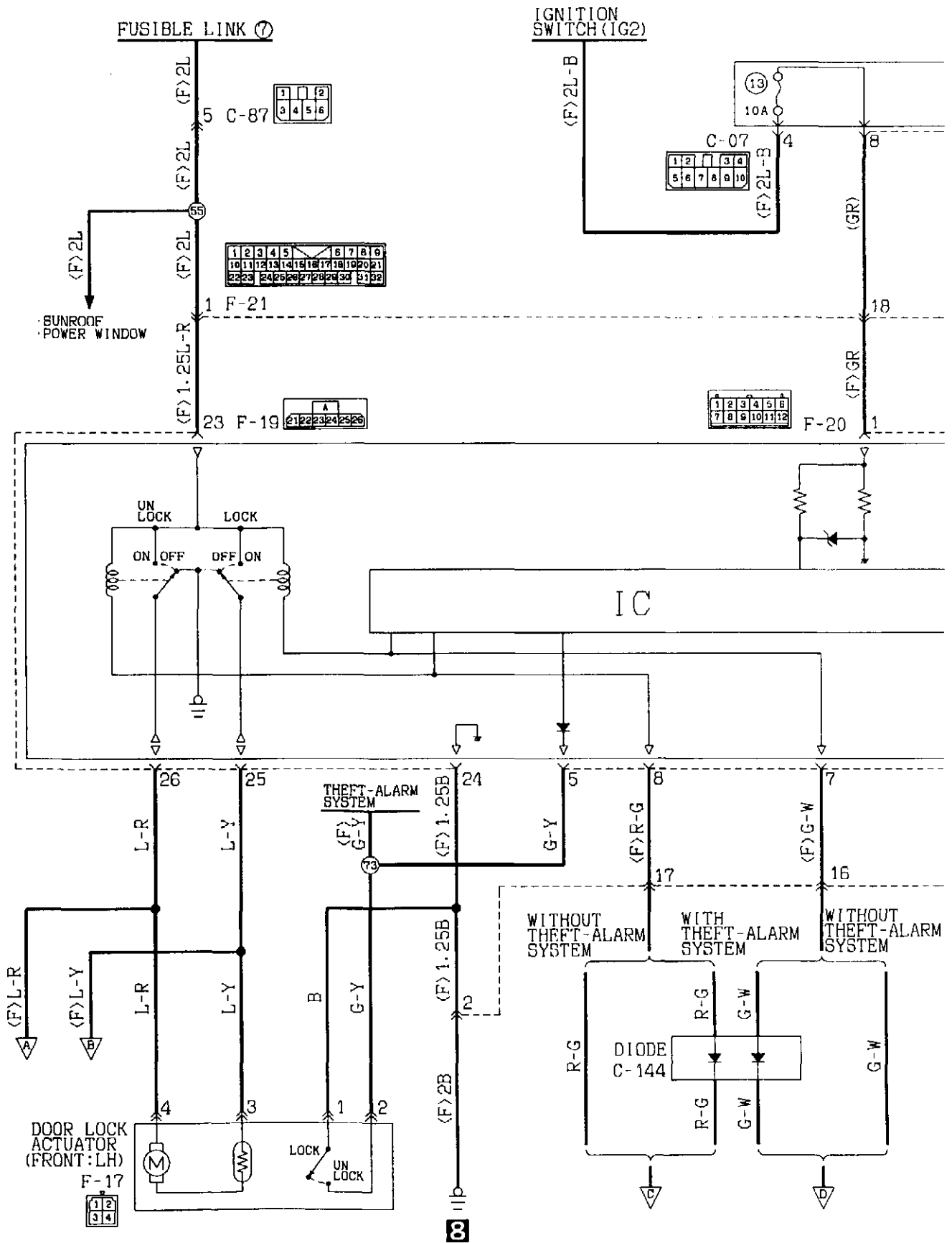




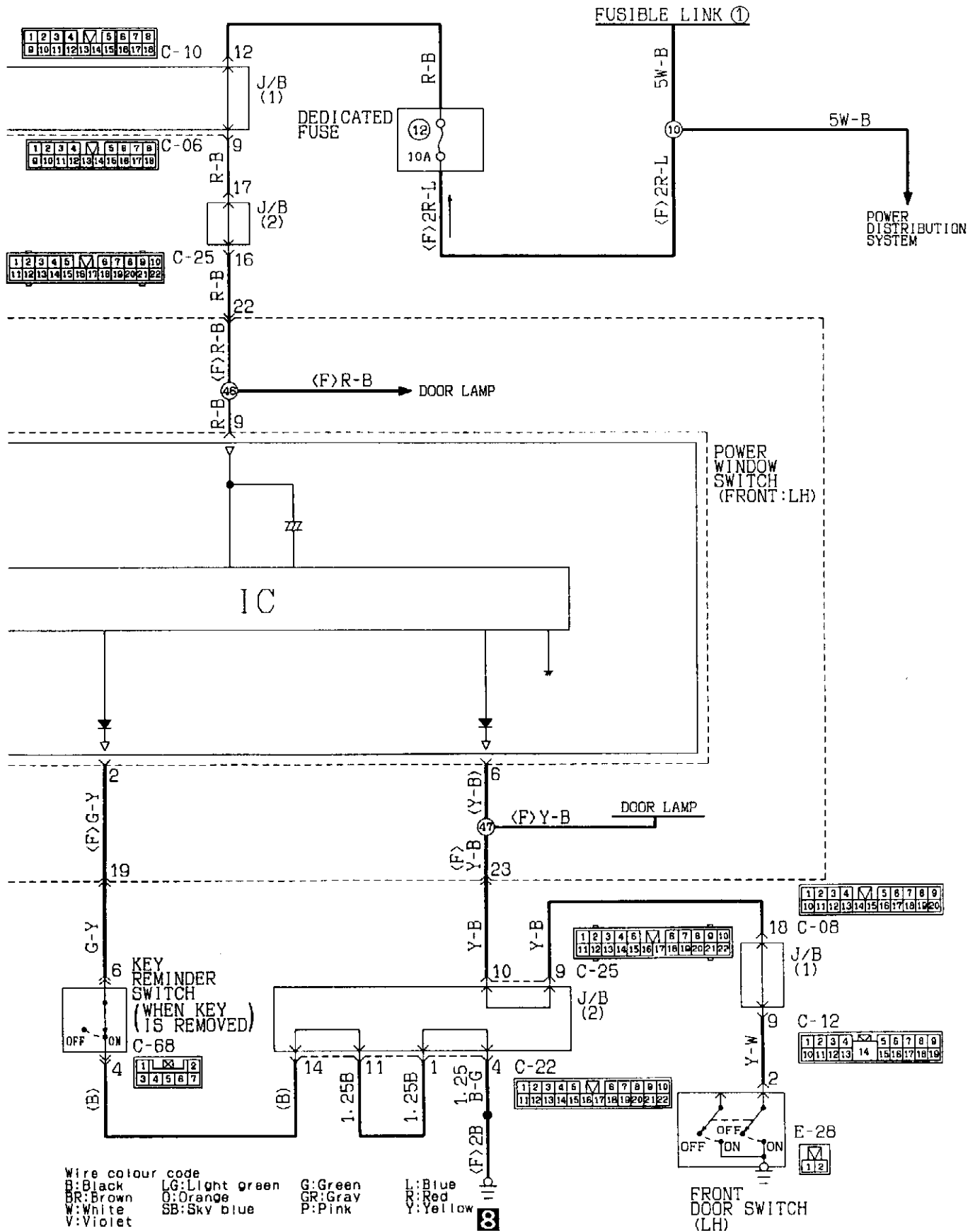


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

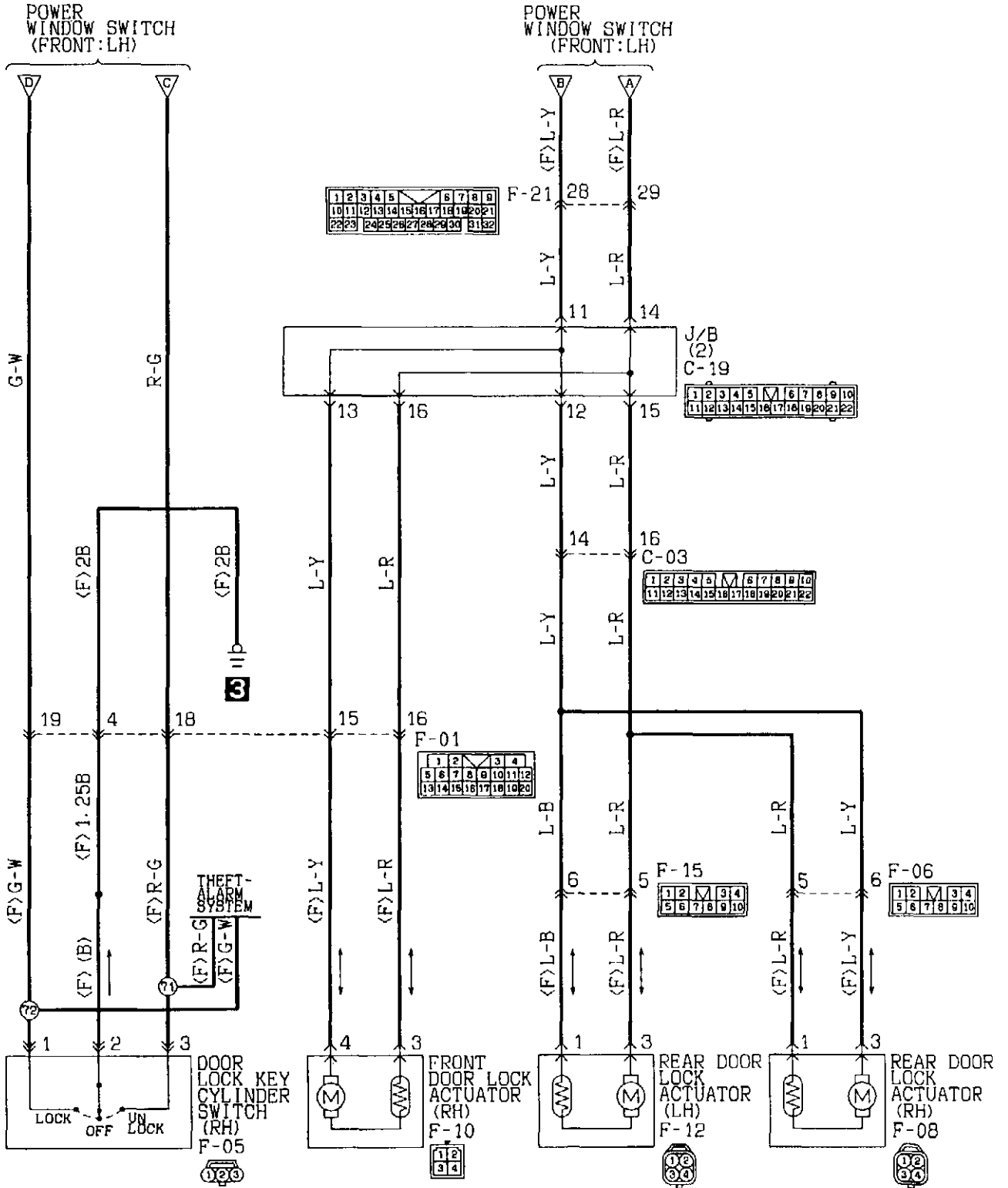
CENTRAL DOOR LOCKING SYSTEM  
L.H. drive vehicles with power window



KX35-AC-F110D-EC



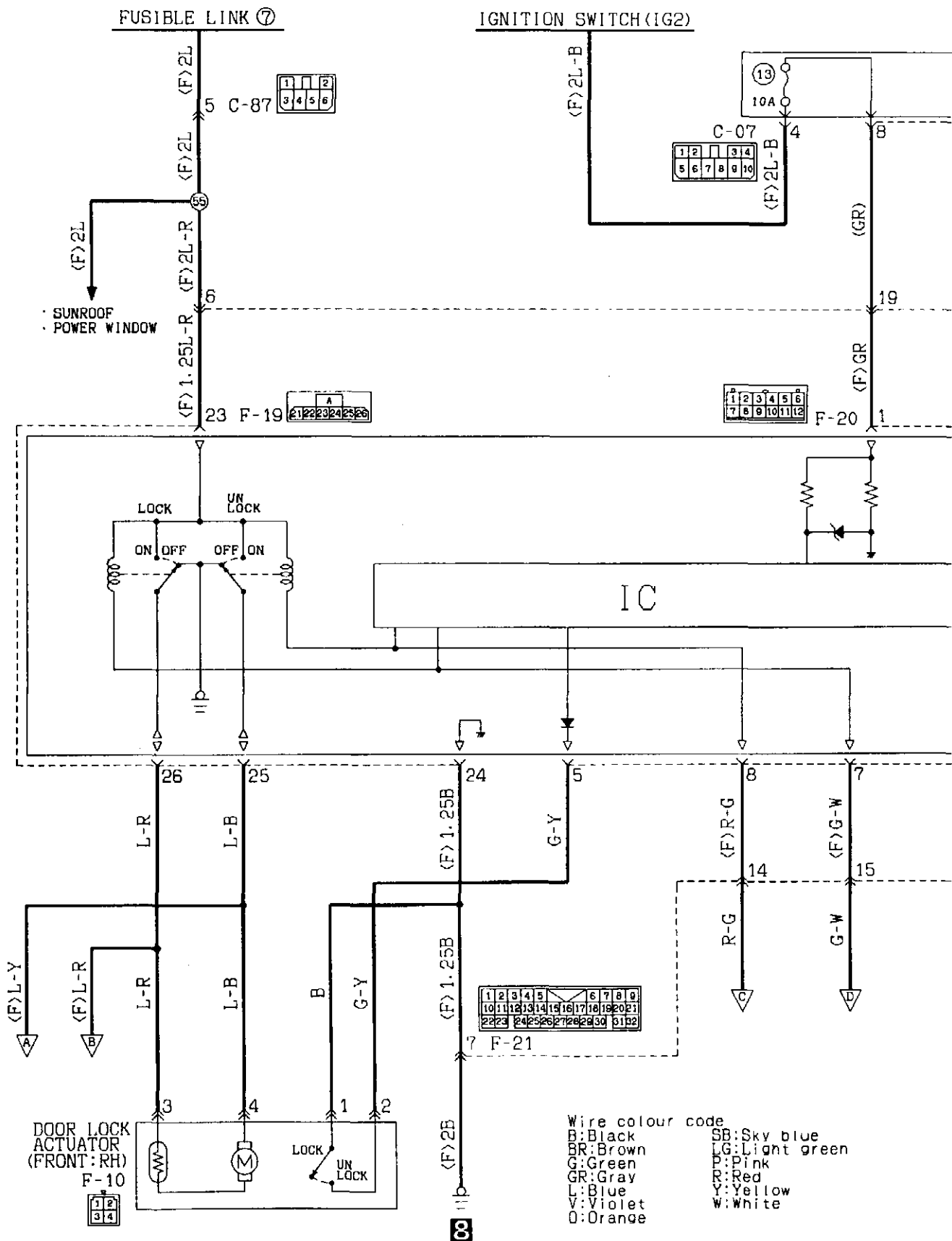
CENTRAL DOOR LOCKING SYSTEM  
(L.H. drive vehicles with power window) (CONTINUED)



Wire colour code

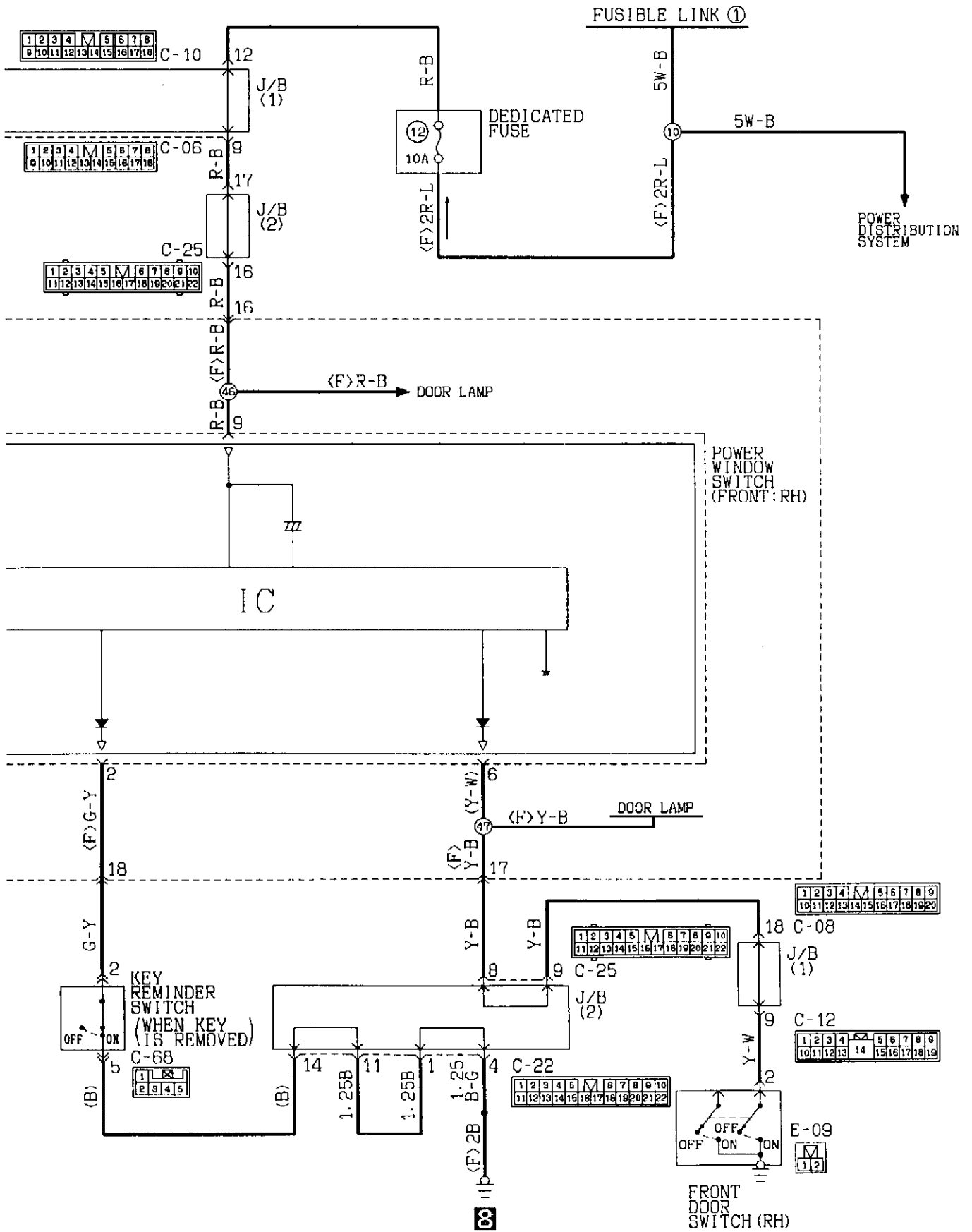
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BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

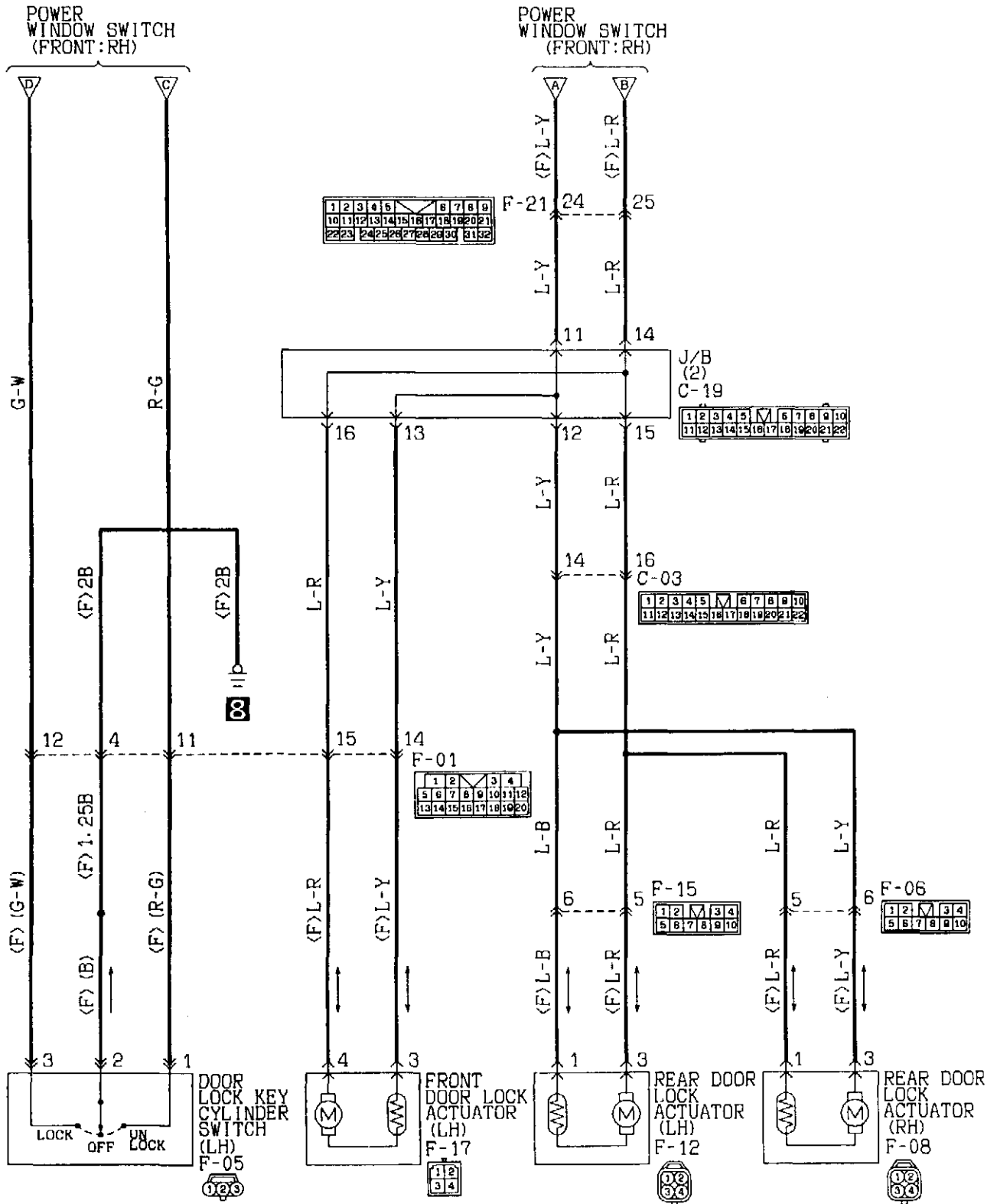
CENTRAL DOOR LOCKING SYSTEM  
R.H. drive vehicles with power window



KX35-AC-F1110-EC

CENTRAL DOOR LOCKING SYSTEM  
(R. H. drive vehicles with power window) (CONTINUED)



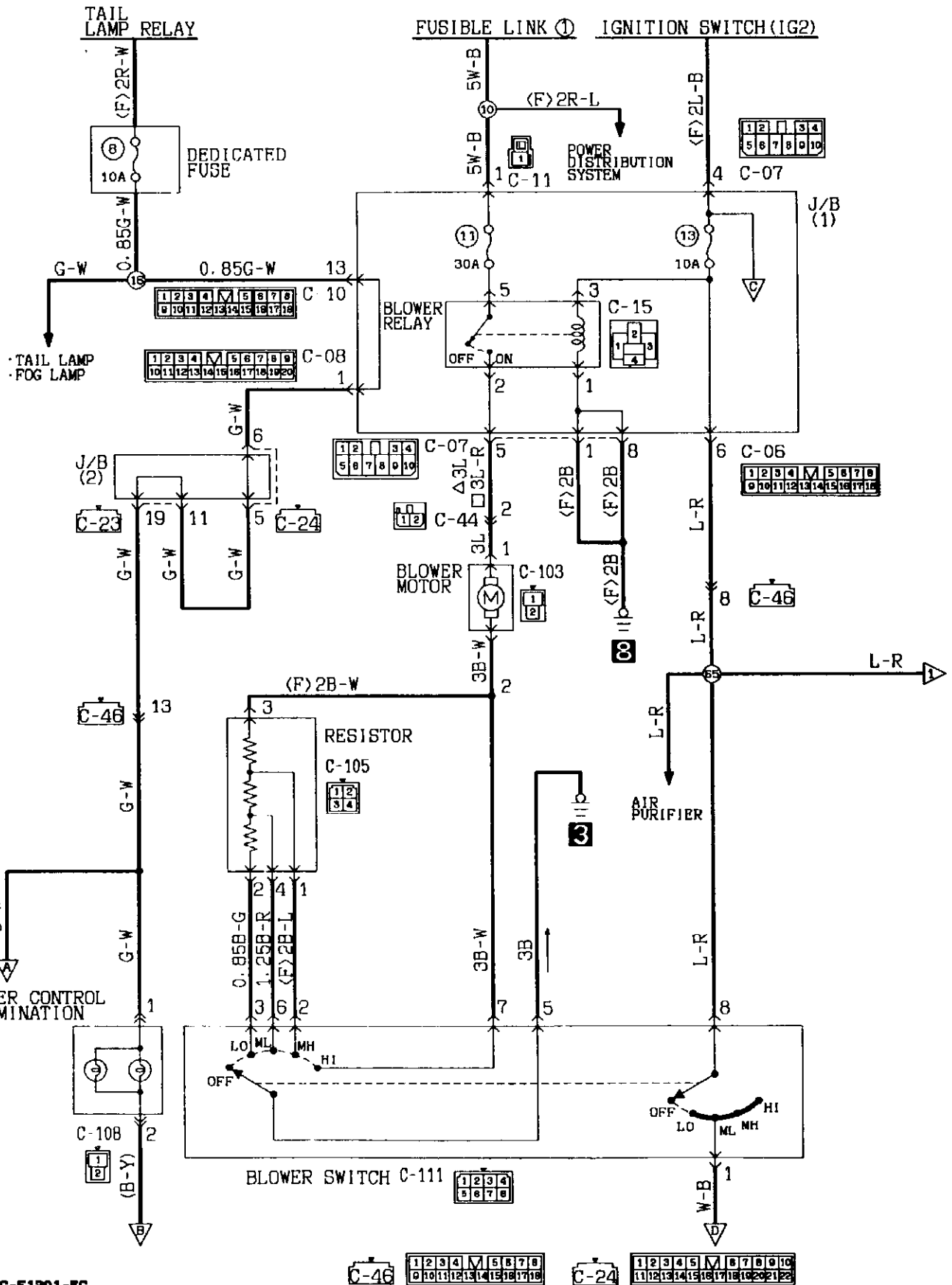


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



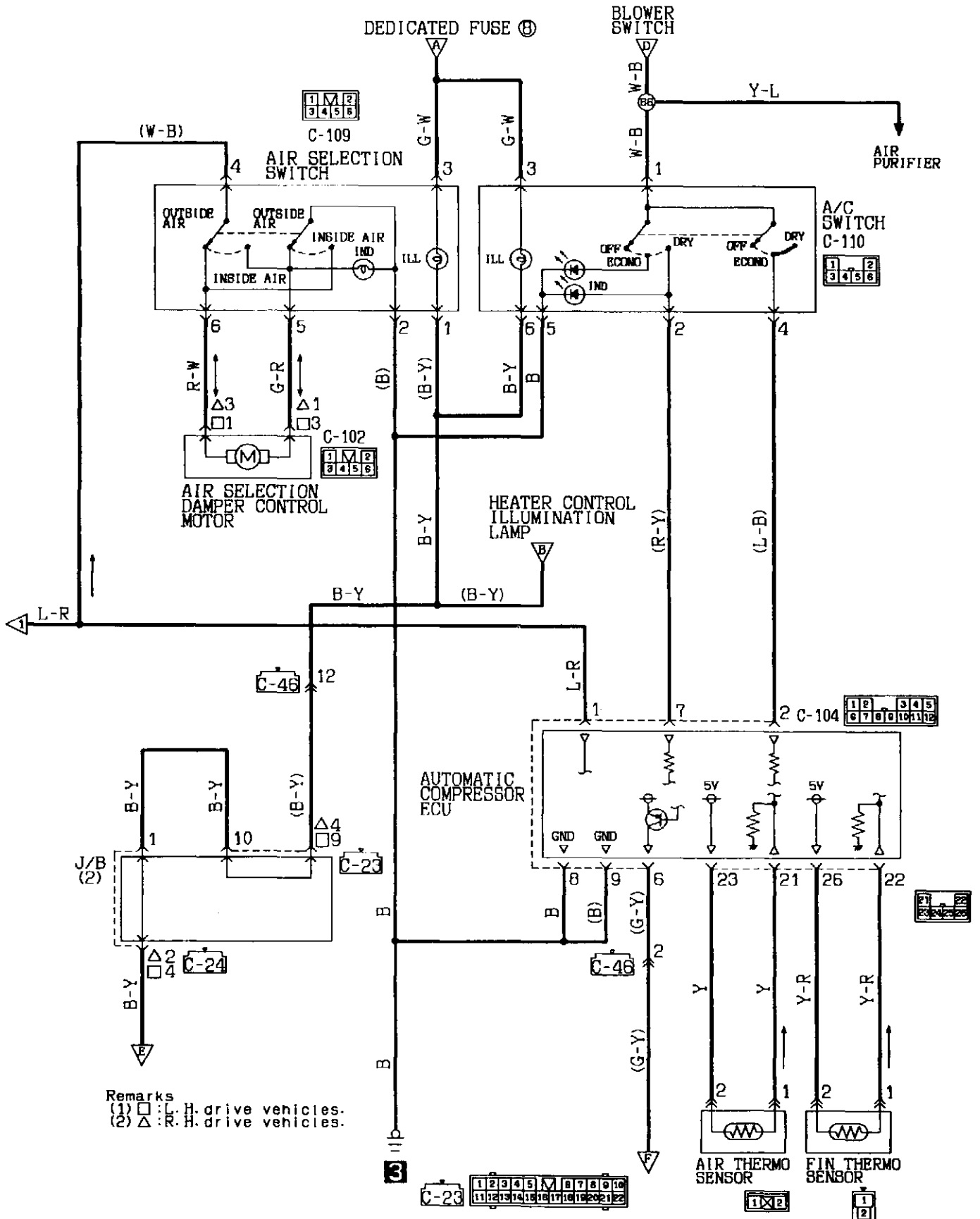
# HEATER AND MANUAL AIR CONDITIONER

Petrol-powered vehicles <2WD>



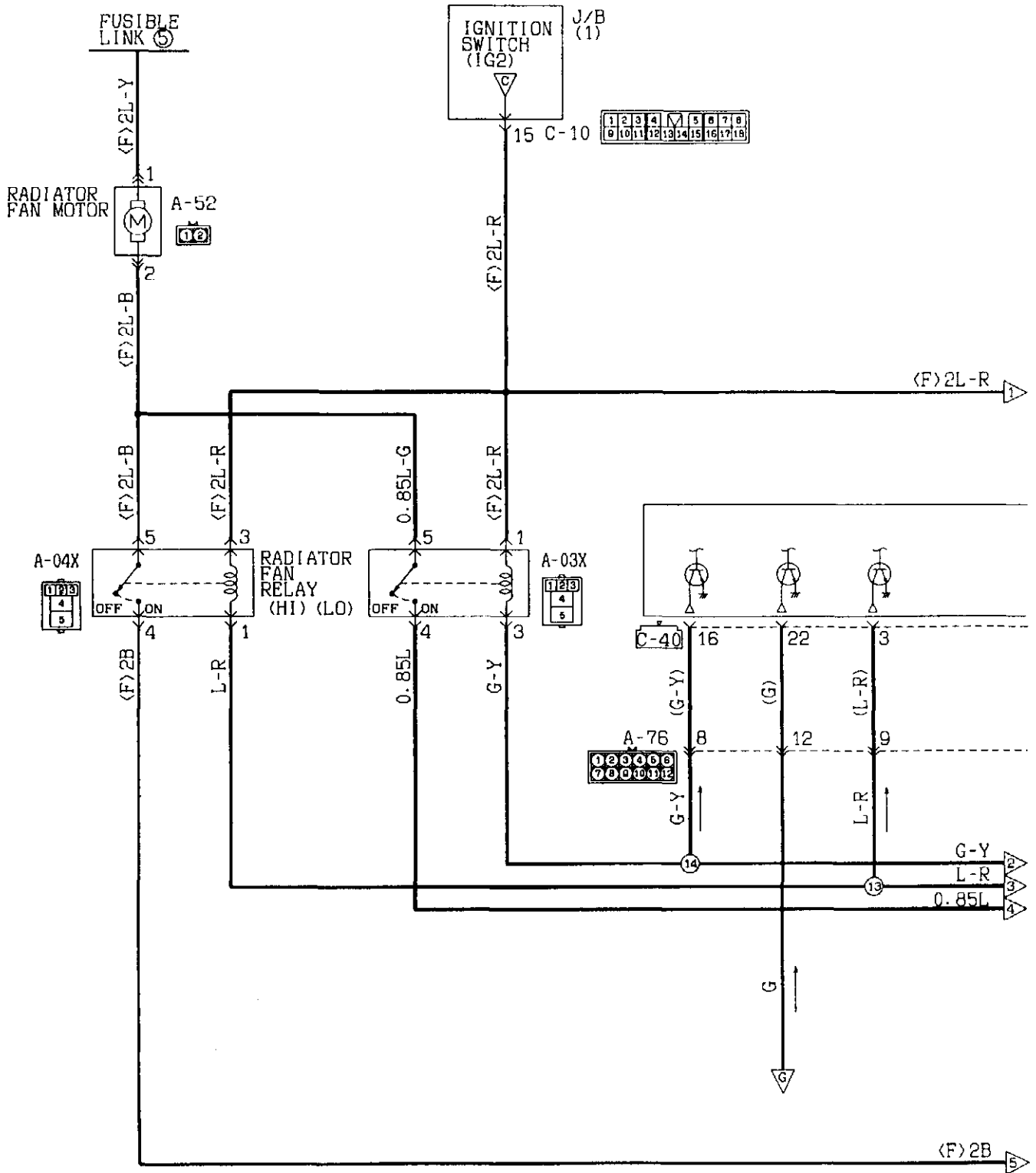
KX35-AC-F1201-EC

C-46 1 2 3 4 M 5 6 7 8 9 10 11 12 13 14 15 16 17 18  
 C-24 1 2 3 4 5 M 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22



Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.

HEATER AND MANUAL AIR CONDITIONER  
(Petrol-powered vehicles) (2WD) (CONTINUED)

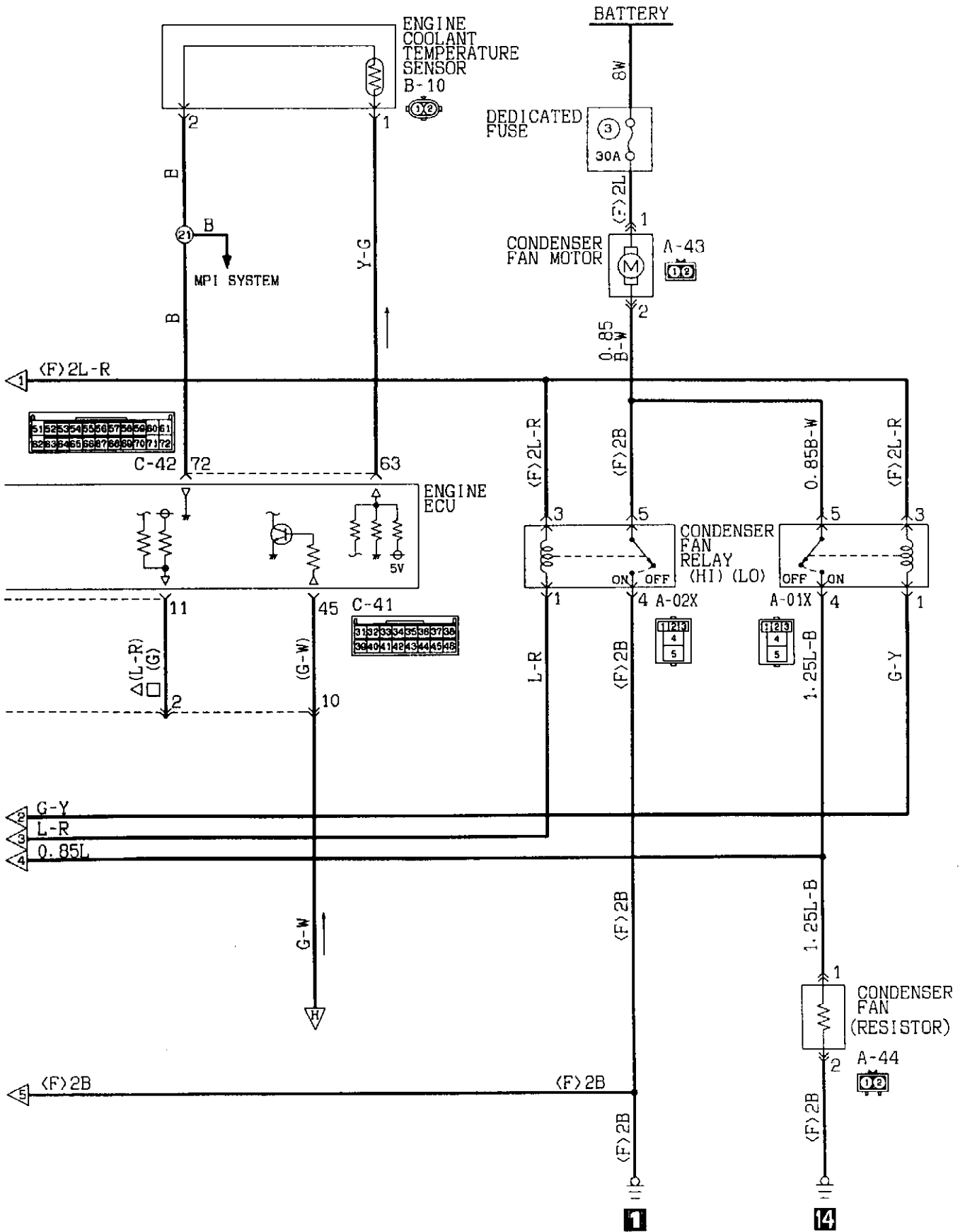


Remarks  
(1) □: L.H. drive vehicles.  
(2) △: R.H. drive vehicles.

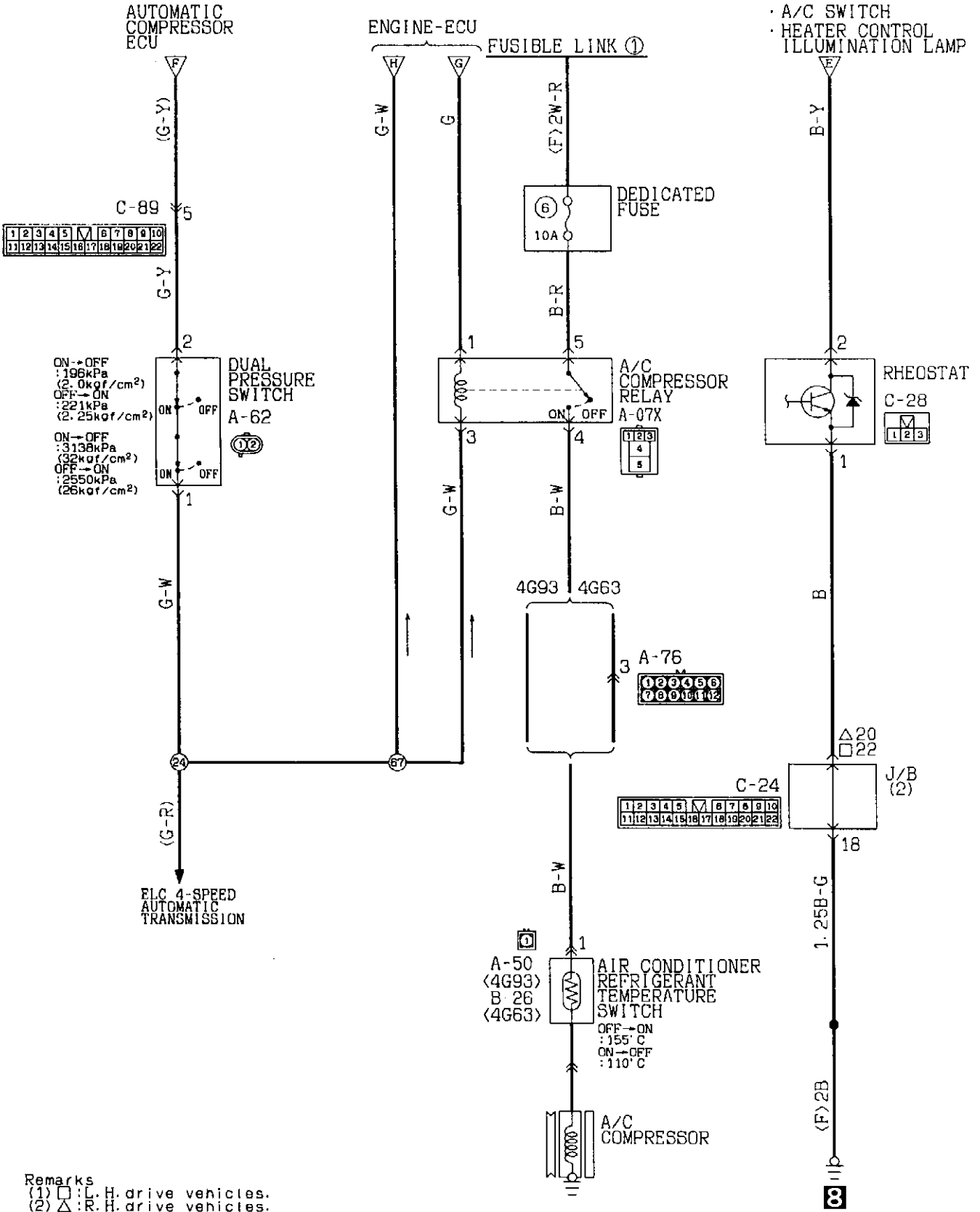
Wire colour code  
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BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F1201A1-EC

|      |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| C-40 | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
|      | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |



HEATER AND MANUAL AIR CONDITIONER  
(Petrol-powered vehicles) (2WD) (CONTINUED)



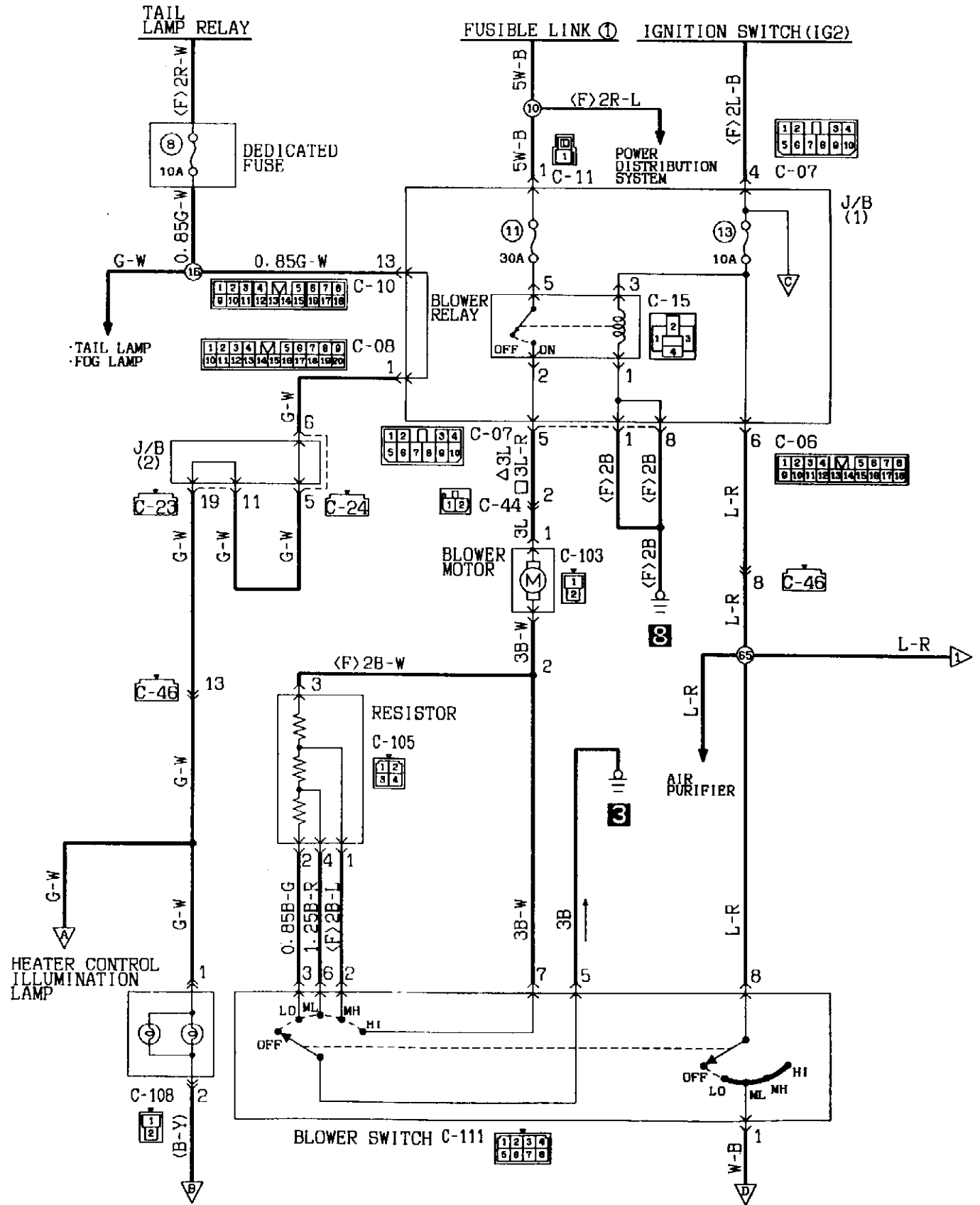
Remarks  
(1) □: L.H. drive vehicles.  
(2) △: R.H. drive vehicles.

Wire colour code  
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

NOTES

# HEATER AND MANUAL AIR CONDITIONER

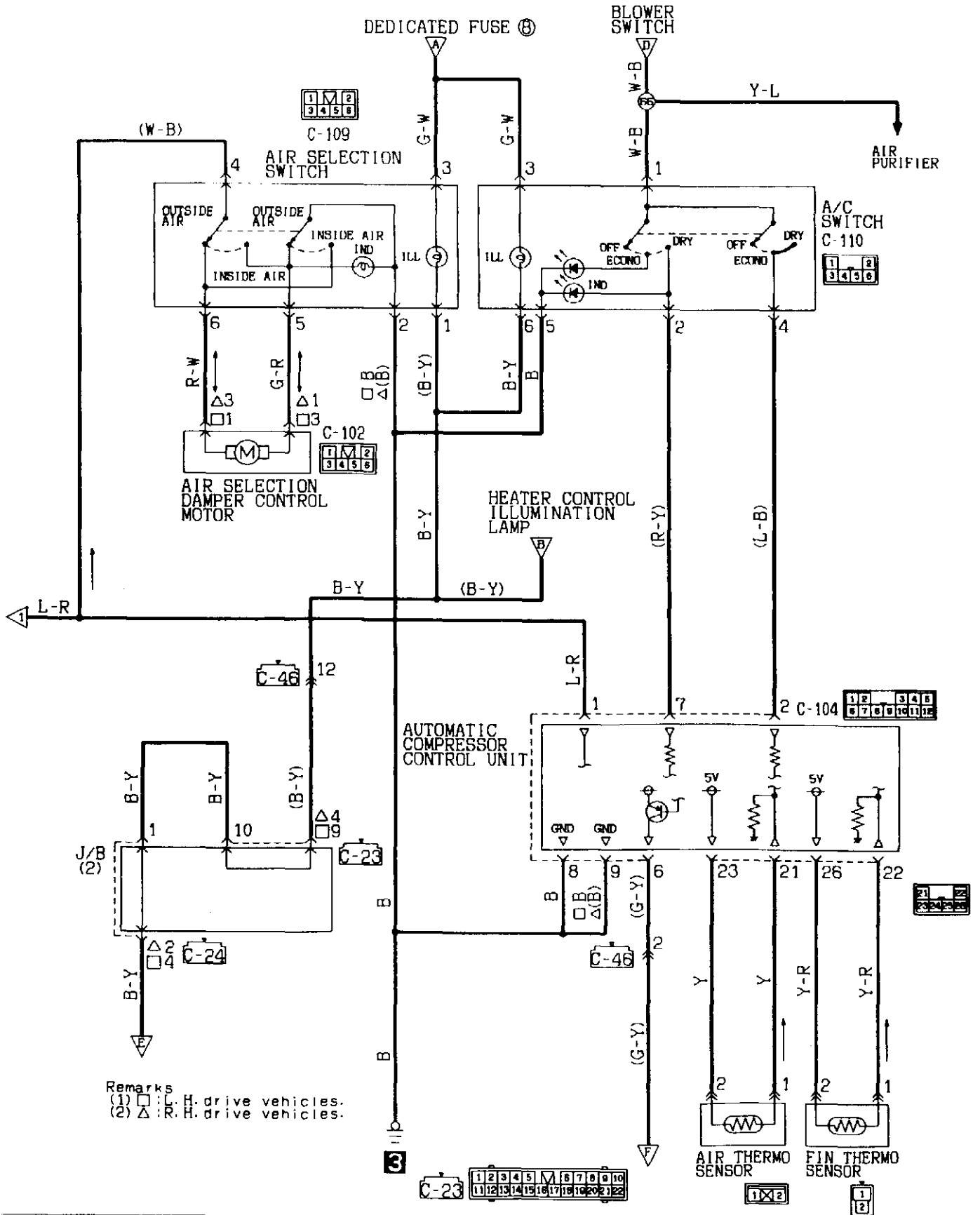
Petrol-powered vehicles <4WD>



KX35-AC-F1202-EC

C-46 1 2 3 4 M 5 6 7 8 9 10 11 12 13 14 15 16 17 18

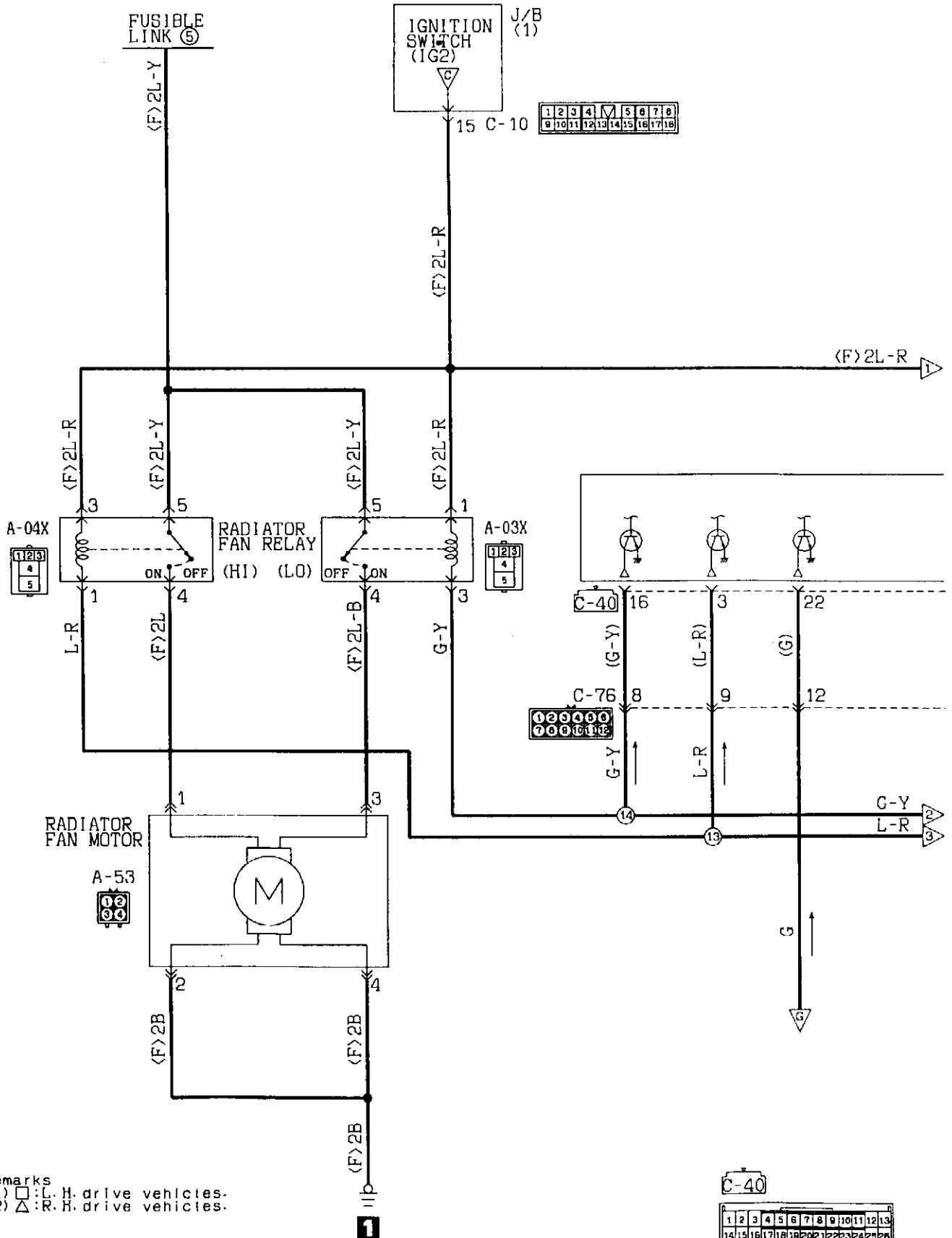
C-24 1 2 3 4 5 M 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22



Remarks  
 (1) □ : C. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.

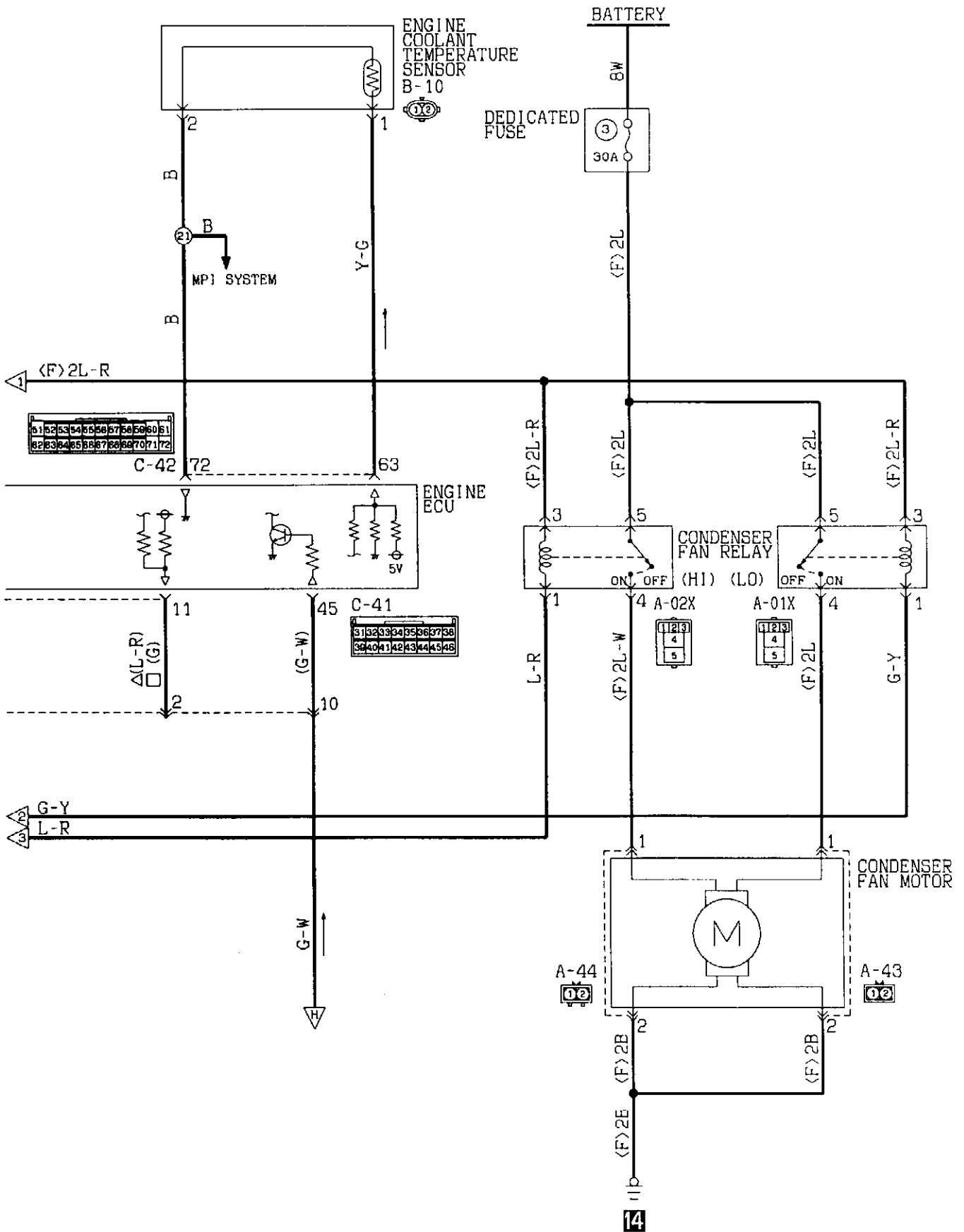


HEATER AND MANUAL AIR CONDITIONER  
(Petrol-powered vehicles) <4WD> (CONTINUED)

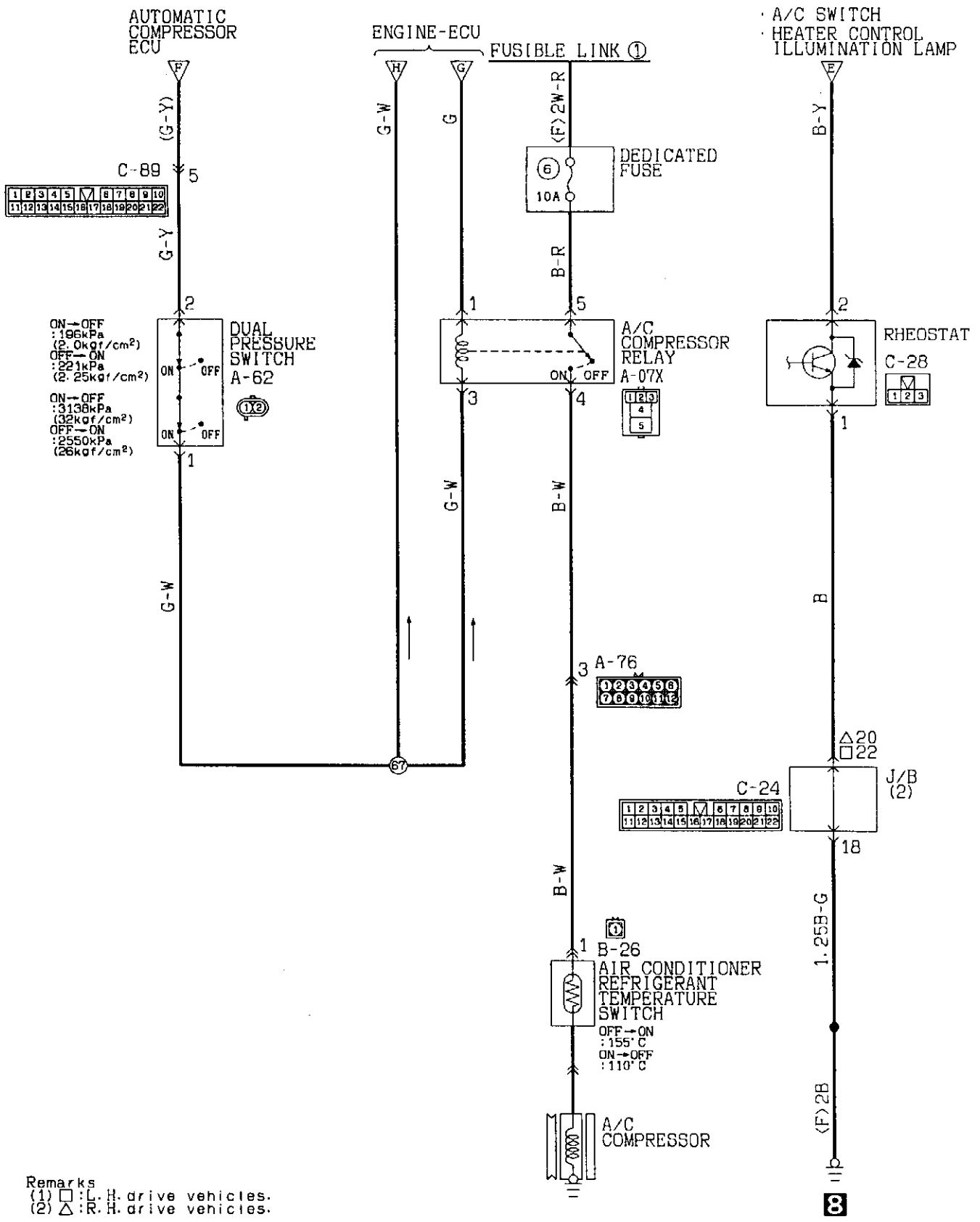


Remarks  
(1) □: L. H. drive vehicles.  
(2) △: R. H. drive vehicles.

KX35-AC-F1202A1-EC



HEATER AND MANUAL AIR CONDITIONER  
(Petrol-powered vehicles) <4WD> (CONTINUED)



Remarks

- (1) □ : L.H. drive vehicles.
- (2) △ : R.H. drive vehicles.

Wire colour code

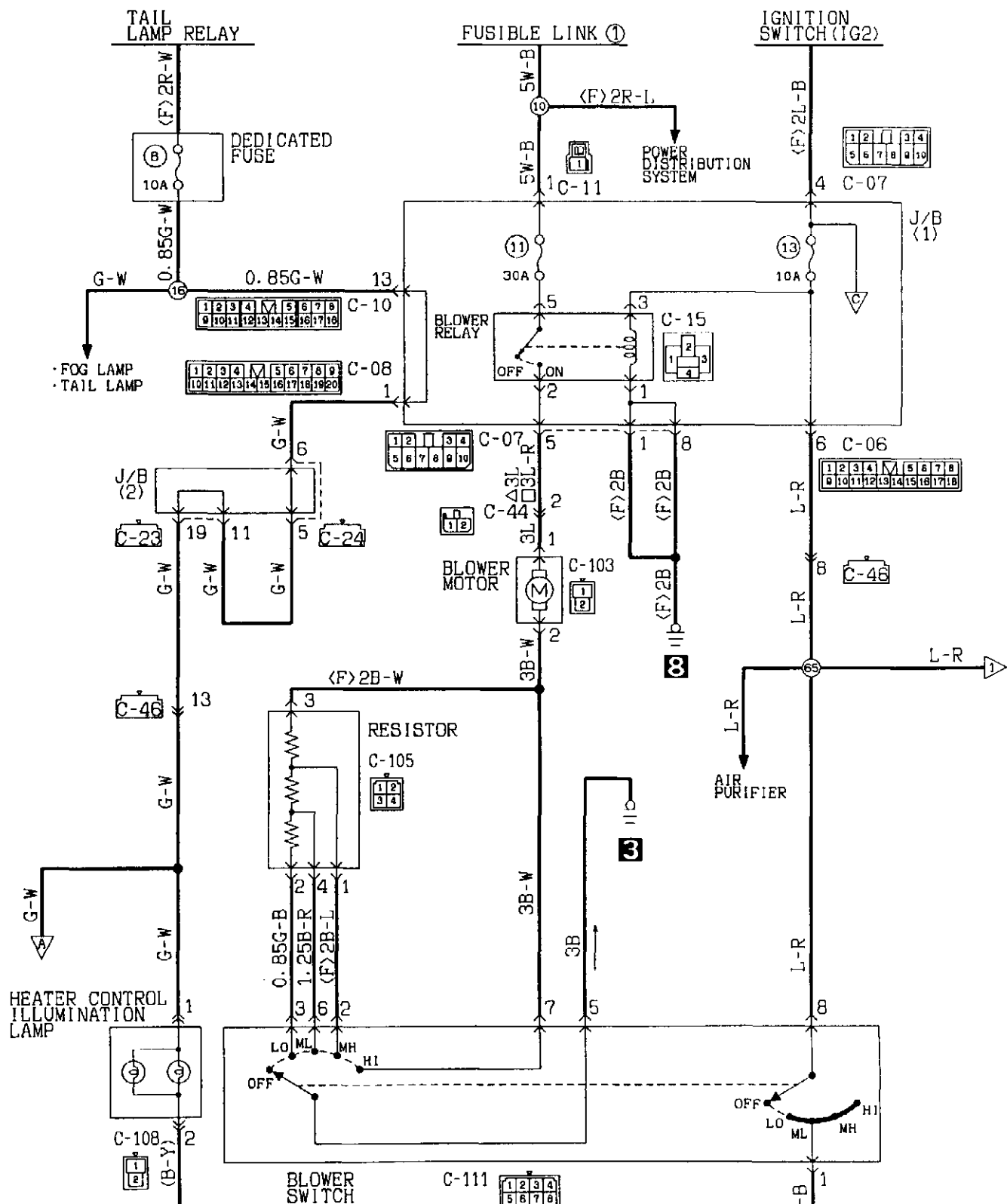
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

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**NOTES**

# HEATER AND MANUAL AIR CONDITIONER

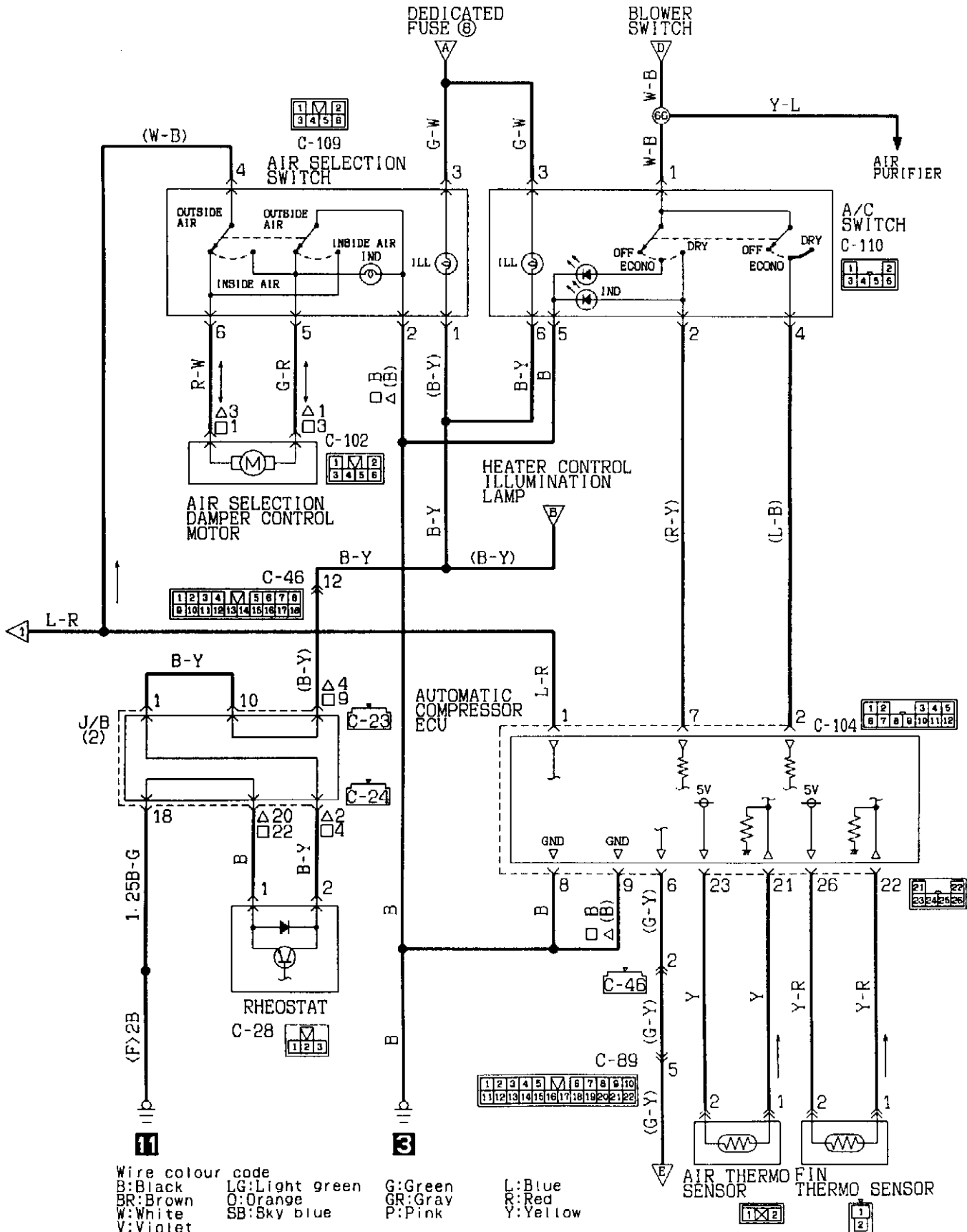
Diesel-powered vehicles



Remarks  
 (1)  $\square$ : L. H. drive vehicles.  
 (2)  $\Delta$ : R. H. drive vehicles.

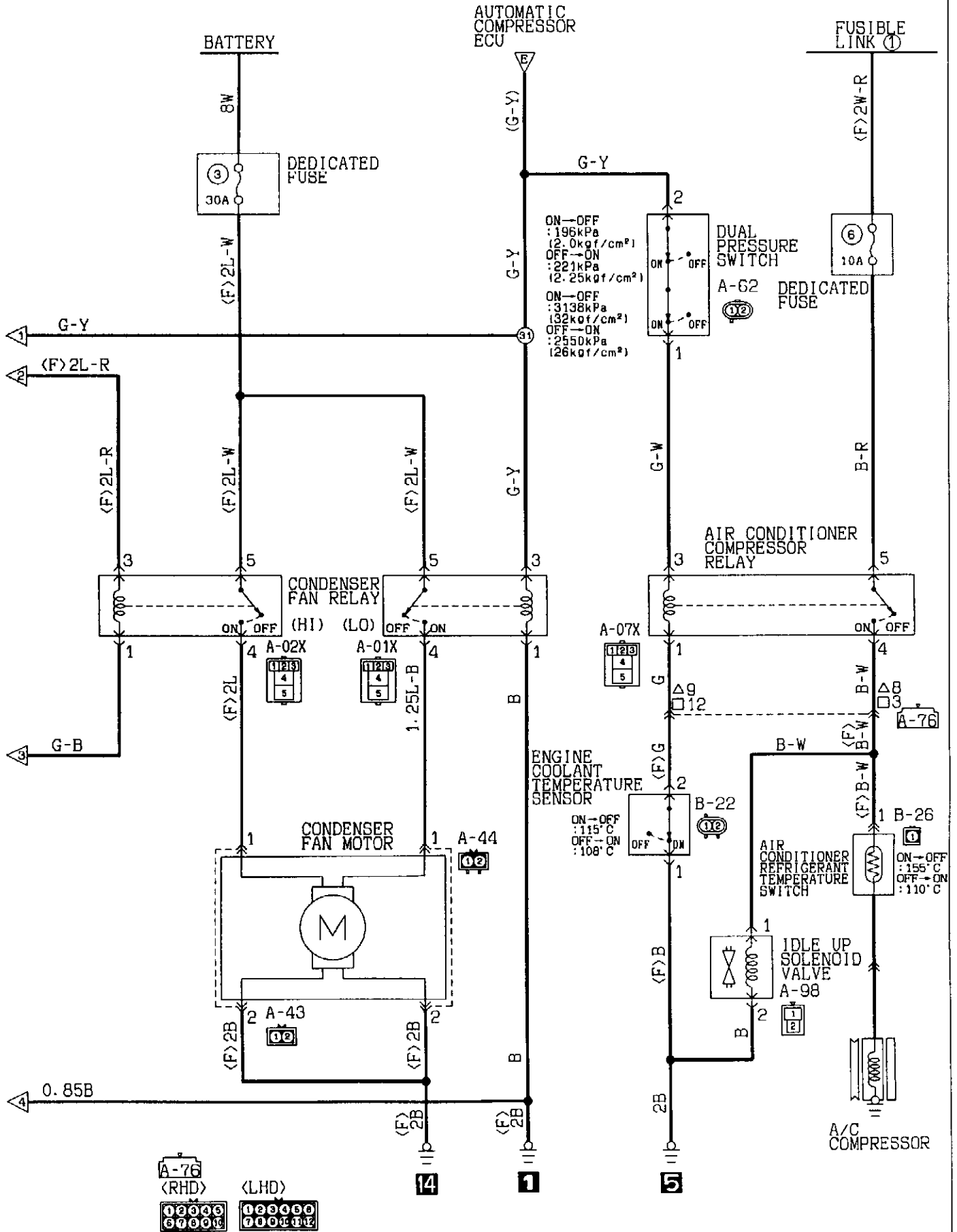
KX35-AC-F1210-EC





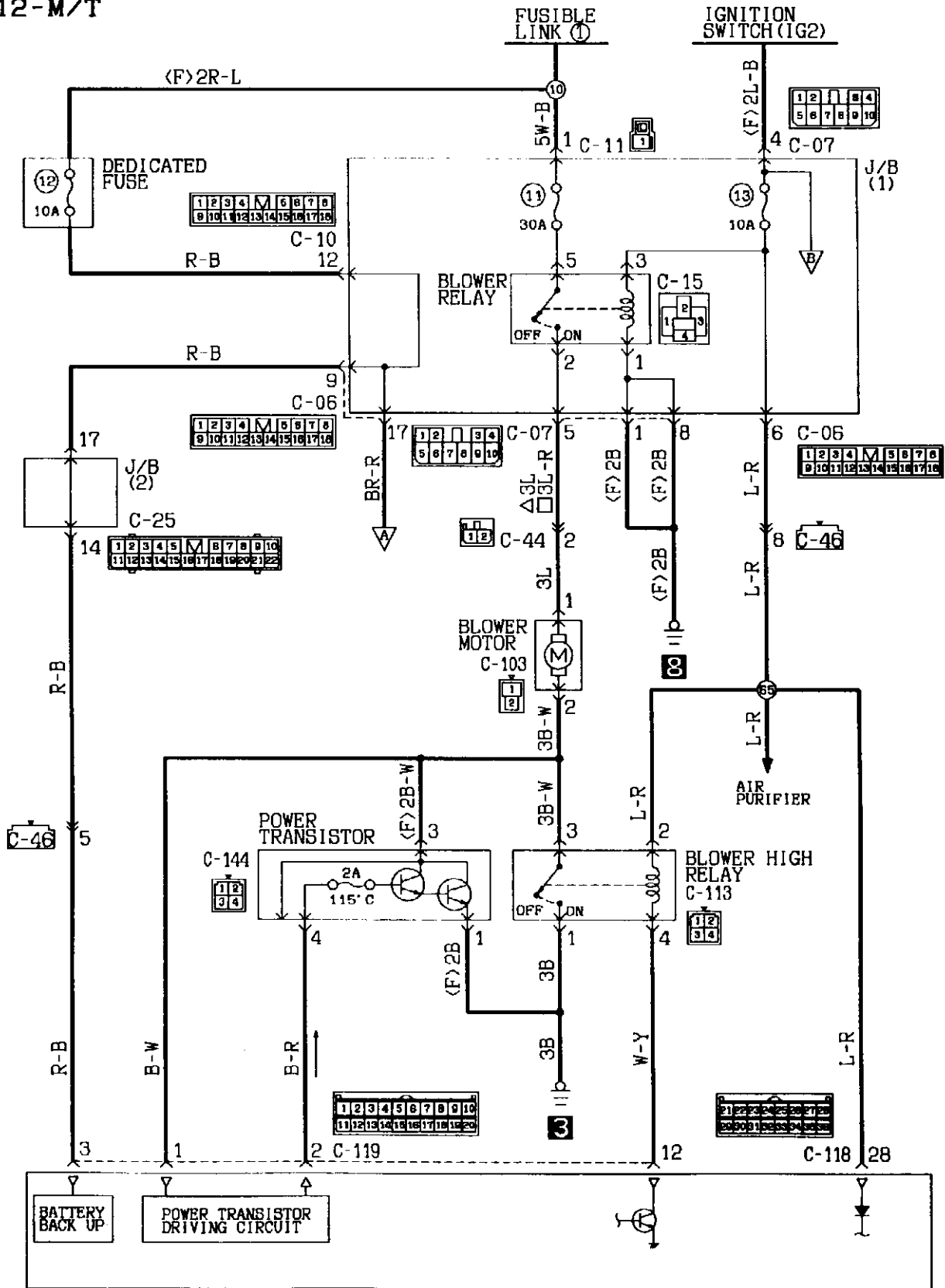
Wire colour code  
 B:Black      LG:Light green      G:Green      L:Blue  
 BR:Brown      O:Orange      GR:Gray      R:Red  
 W:White      SB:Sky blue      P:Pink      Y:Yellow  
 V:Violet







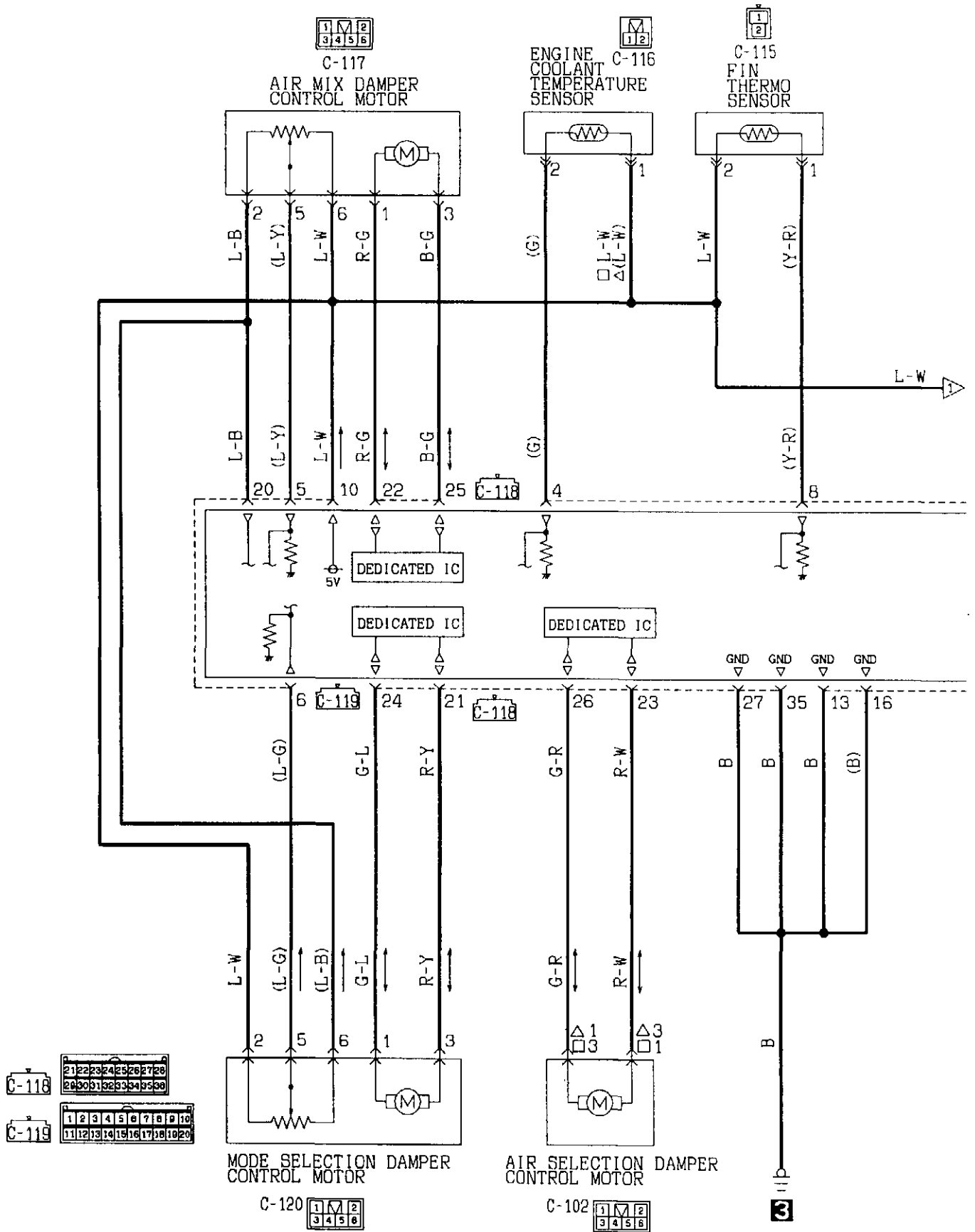
FULL AUTOMATIC AIR CONDITIONER  
6A12-M/T



A/C CONTROL  
PANEL AND  
ECU ASSEMBLY

Remarks

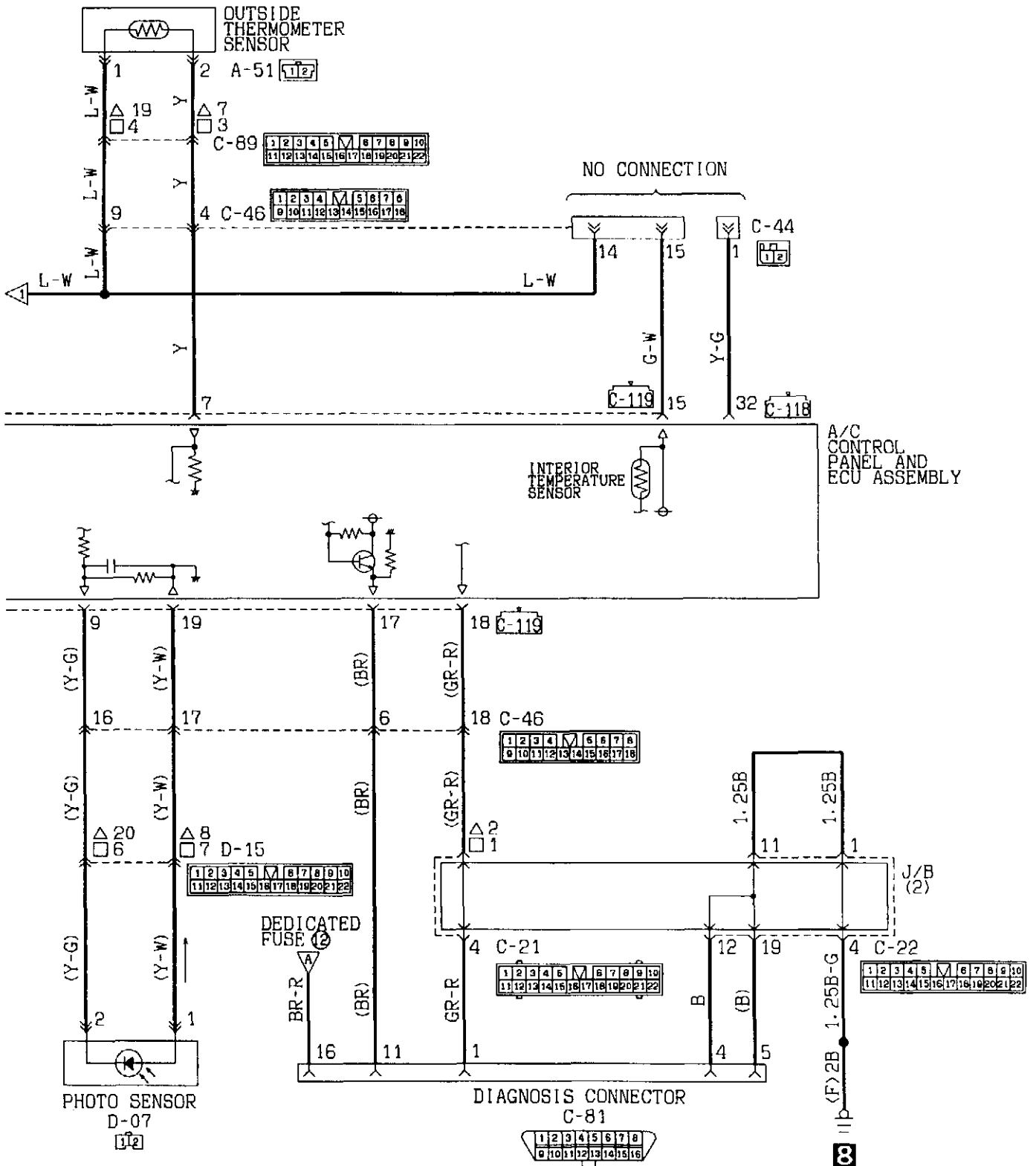
- (1): □ L. H. drive vehicles.
- (2): △ R. H. drive vehicles.



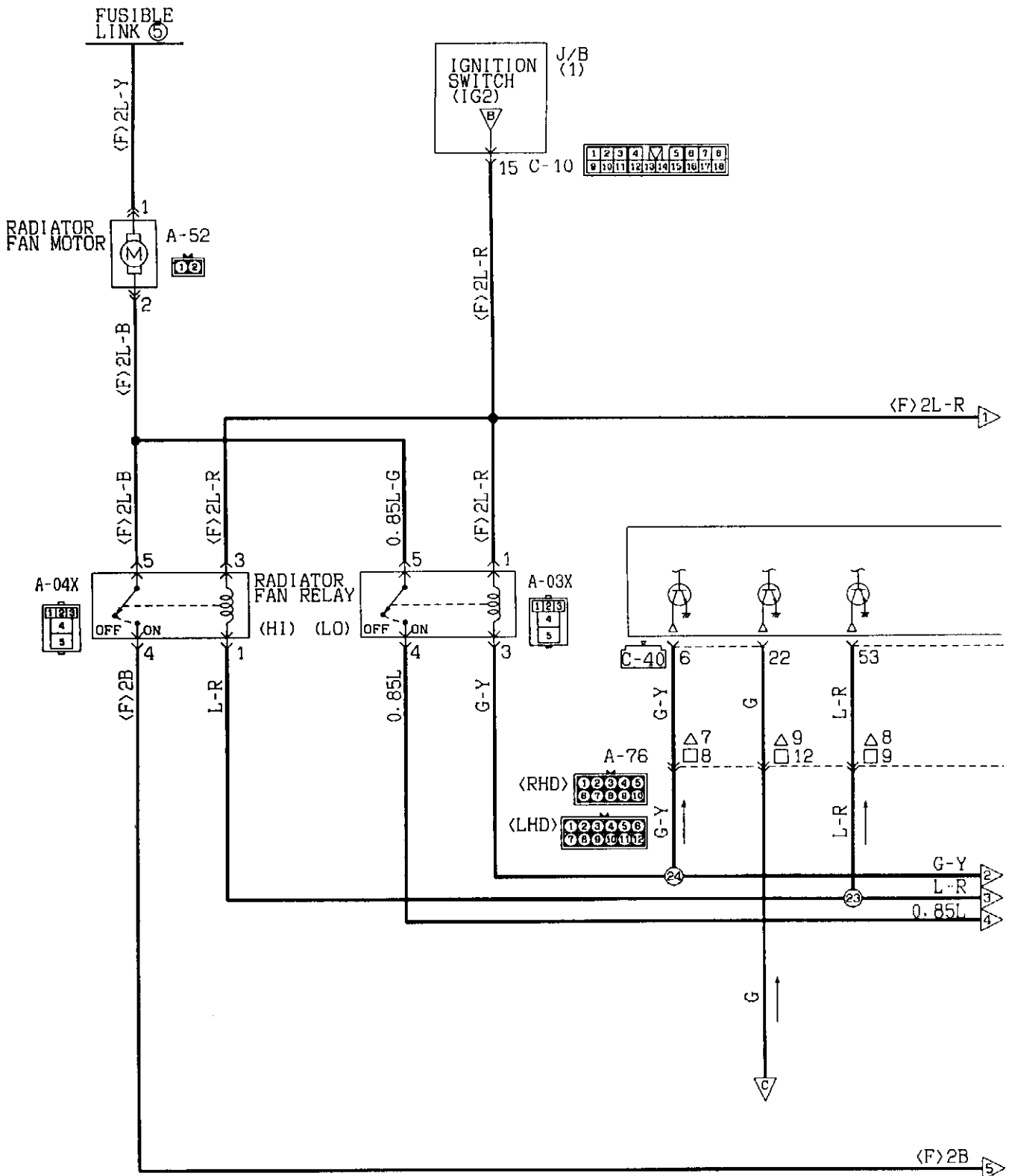
Wire colour code

B:Black LG:Light green C:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

FULL AUTOMATIC AIR CONDITIONER<6A12-M/T> (CONTINUED)



Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.



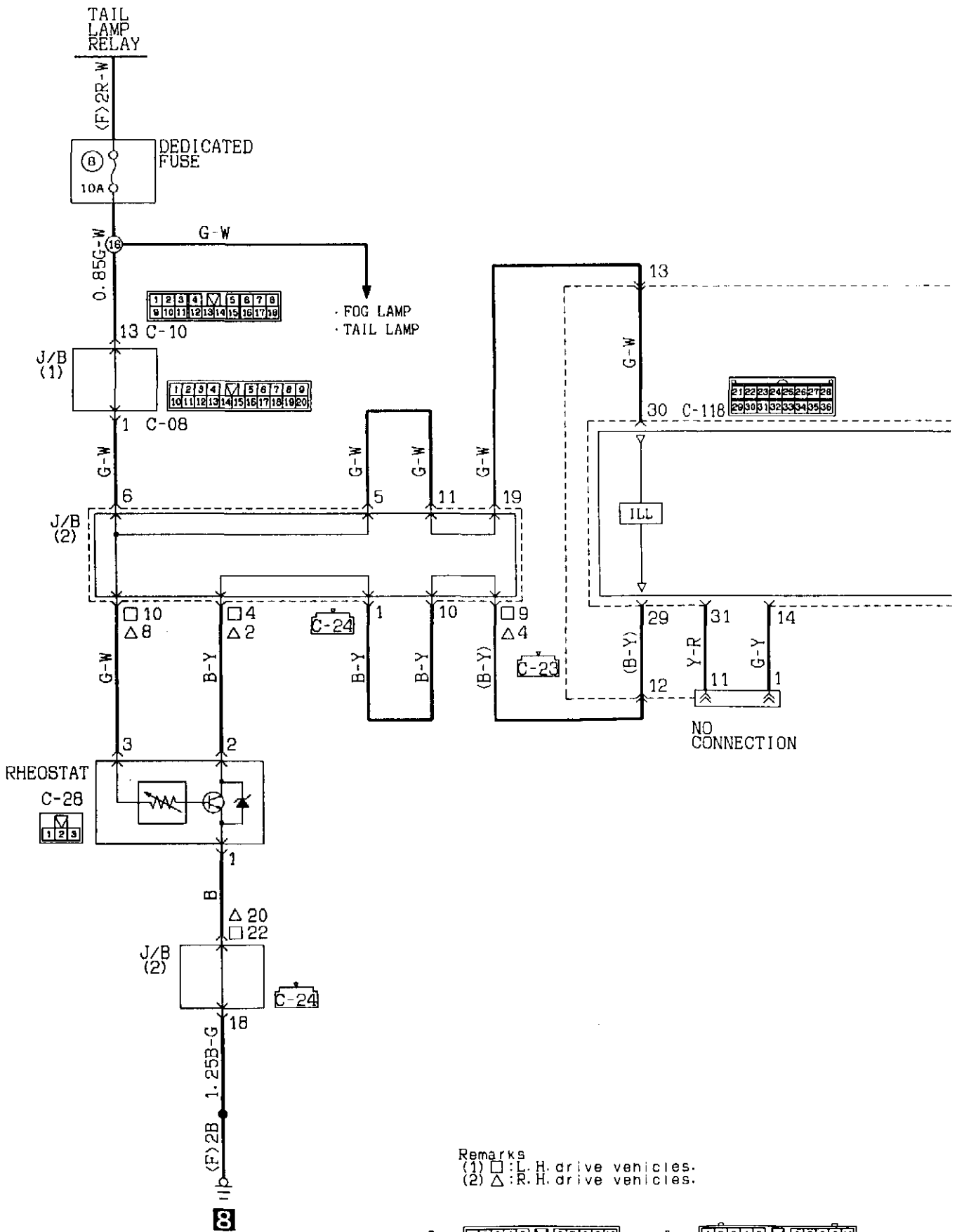
Remarks  
 (1) □: L. H. drive vehicles.  
 (2) △: R. H. drive vehicles.

|      |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| C-40 | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
|      | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

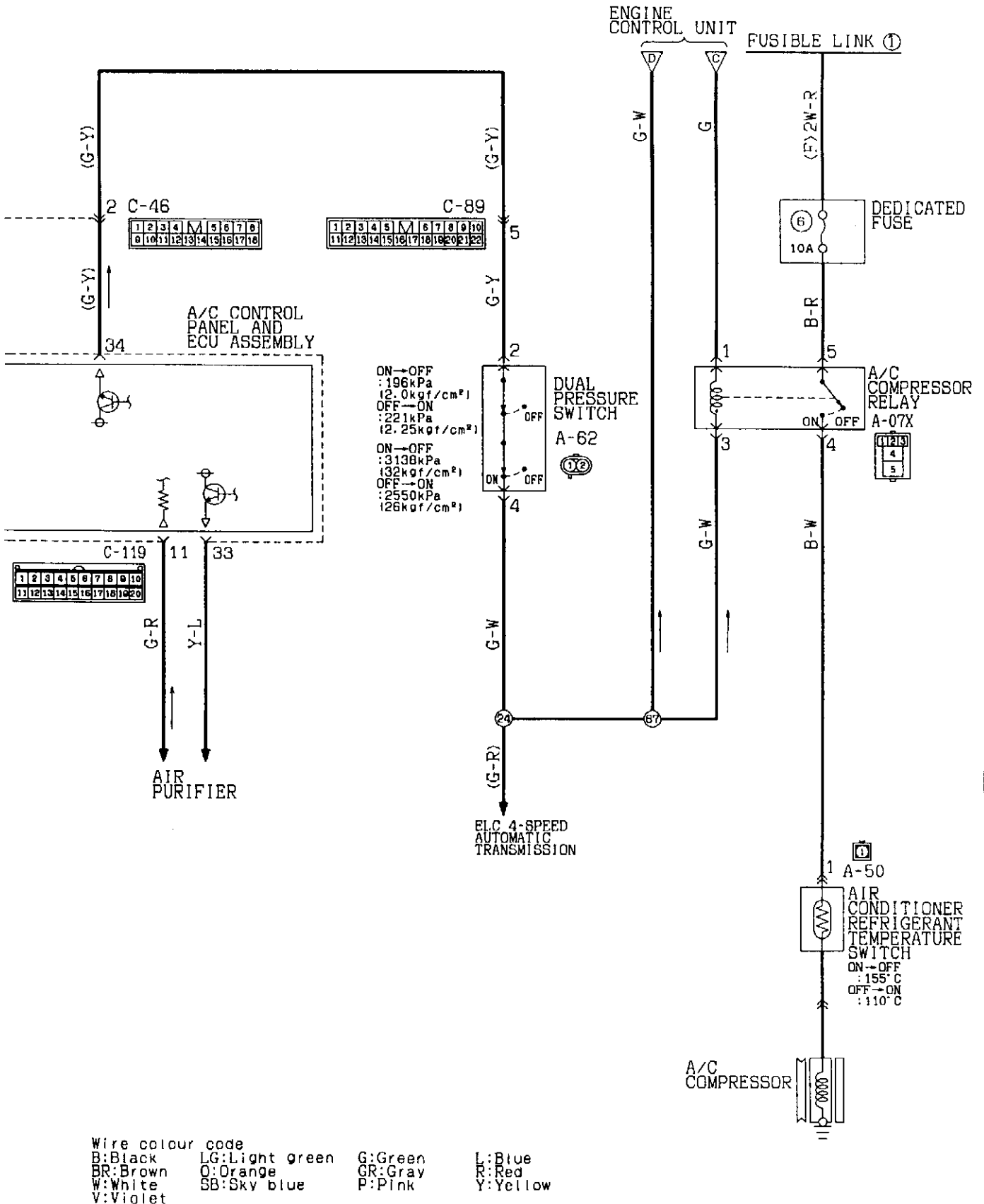
|      |    |    |    |    |    |    |    |    |    |    |    |
|------|----|----|----|----|----|----|----|----|----|----|----|
| C-42 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 |
|      | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 |

KX35-AC-F1204B1-EC

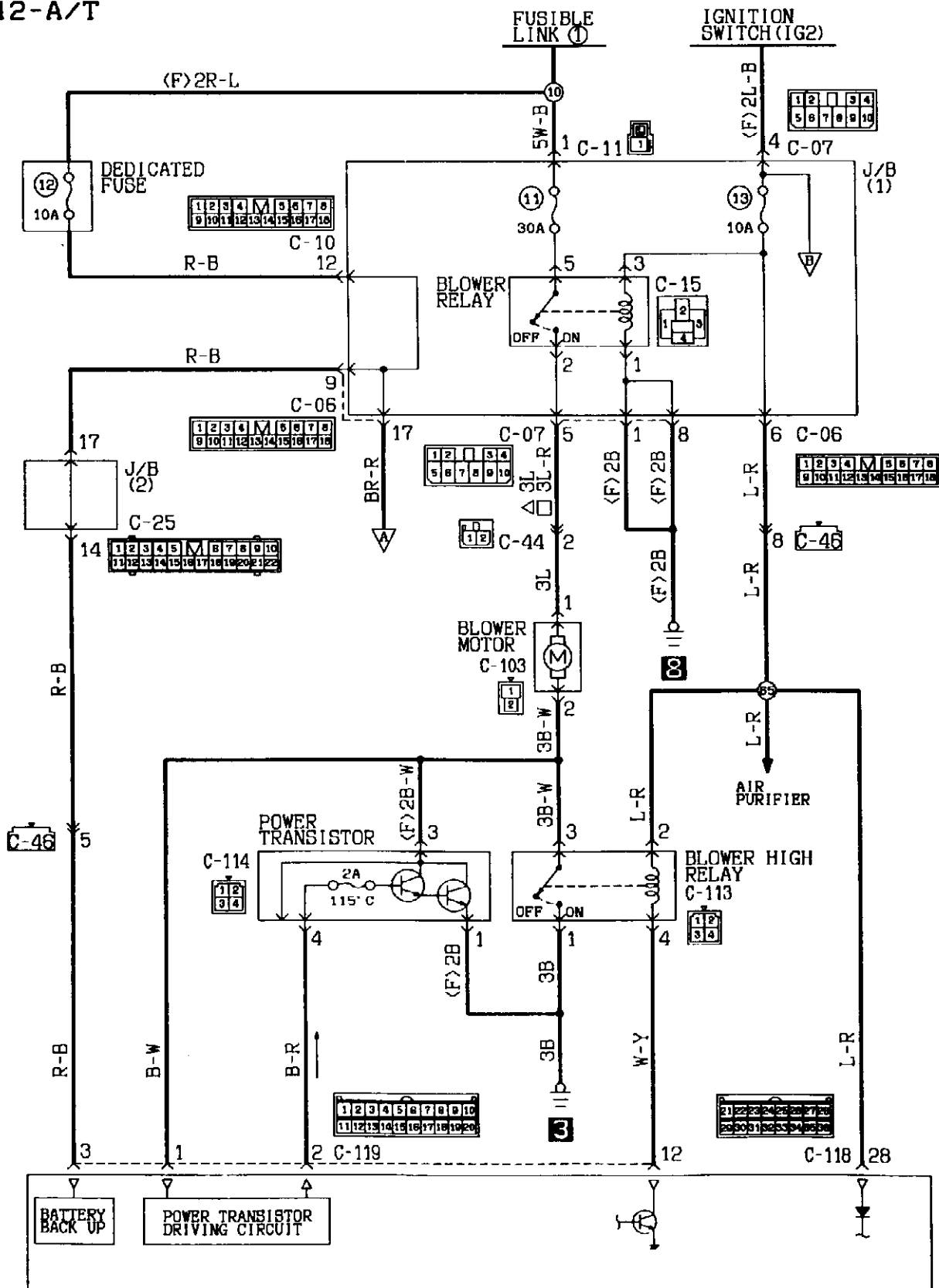




FULL AUTOMATIC AIR CONDITIONER <6A12-M/T> (CONTINUED)



FULL AUTOMATIC AIR CONDITIONER  
6A12-A/T

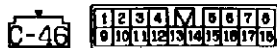


A/C CONTROL  
PANEL AND  
ECU ASSEMBLY

Remarks

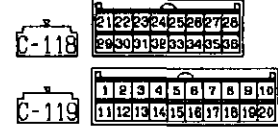
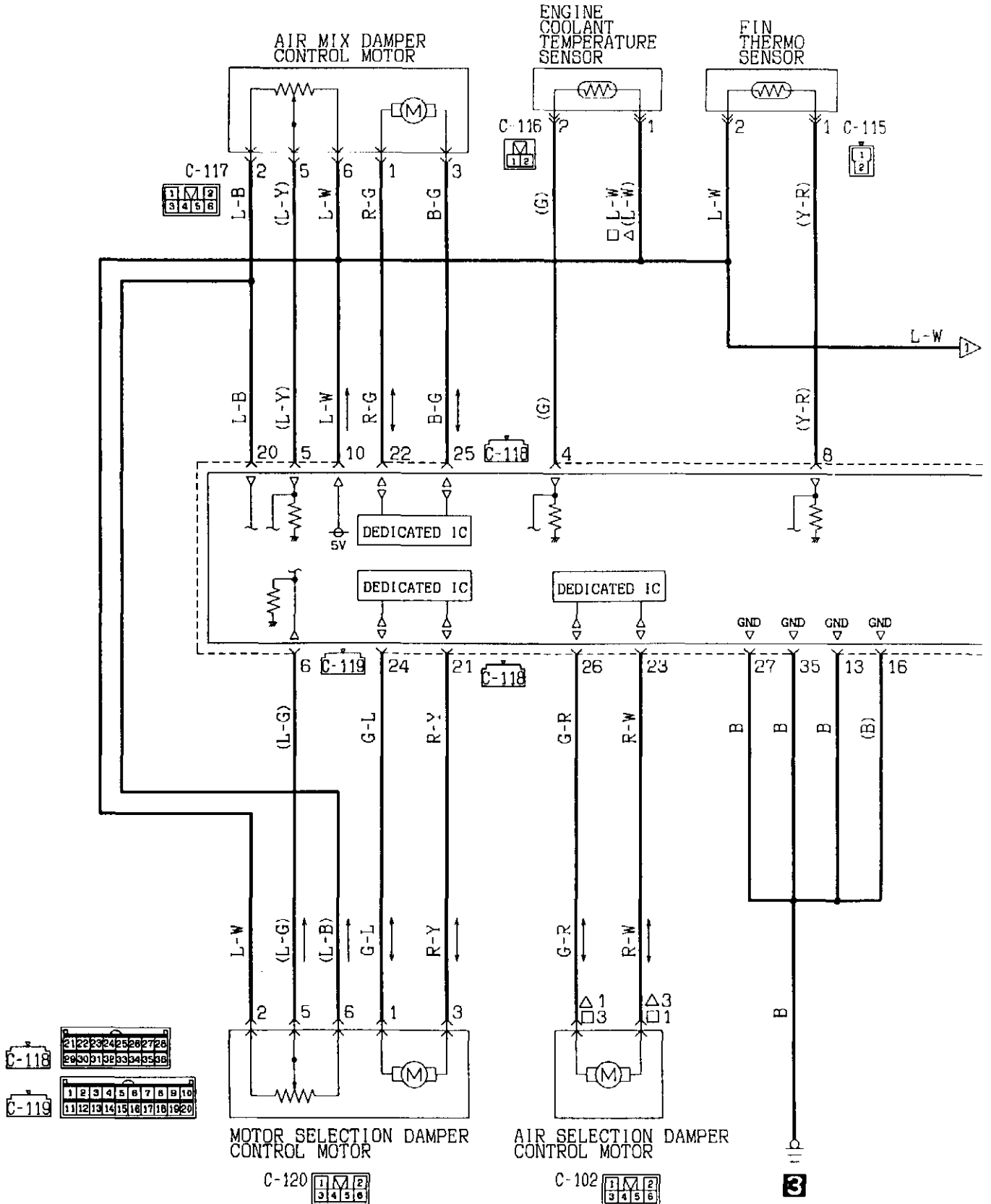
- (1): □ L. H. drive vehicles.
- (2): △ R. H. drive vehicles.

KX35-AC-F1203-EC





FULL AUTOMATIC AIR CONDITIONER (6A12-A/T) (CONTINUED)

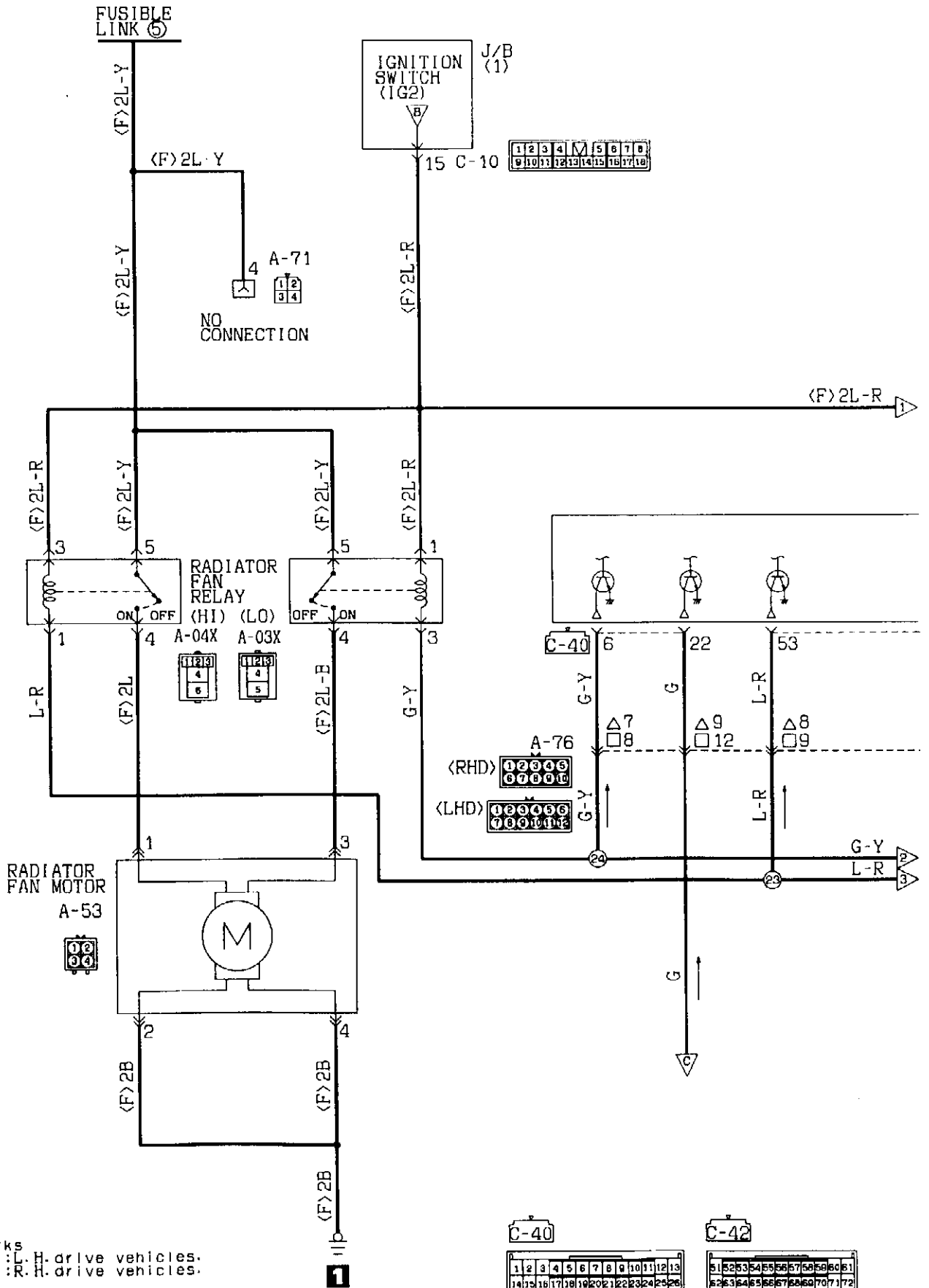


Wire colour code

B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 KX35-AC-F1205A1-ZC BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

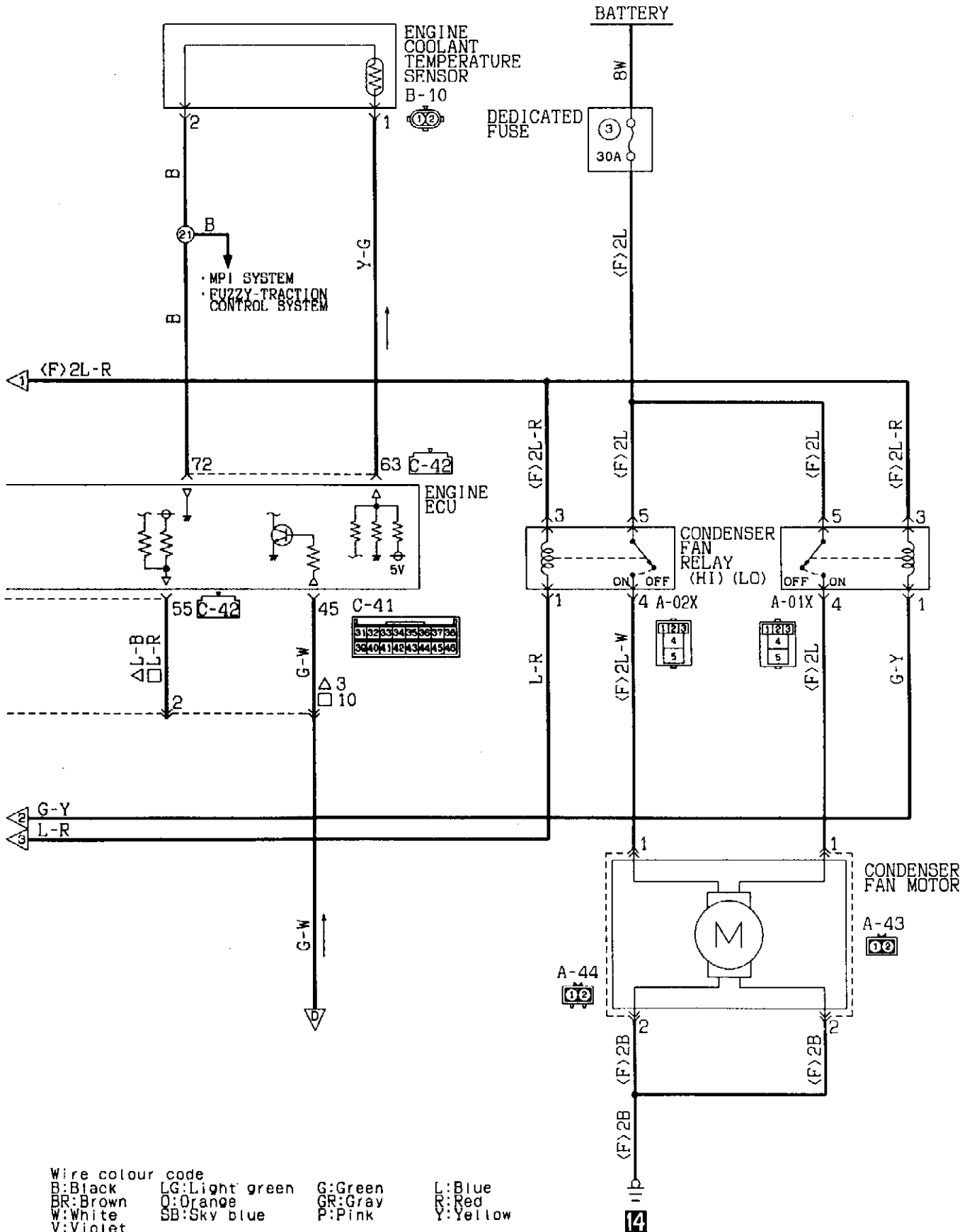


FULL AUTOMATIC AIR CONDITIONER <6A12-A/T> (CONTINUED)



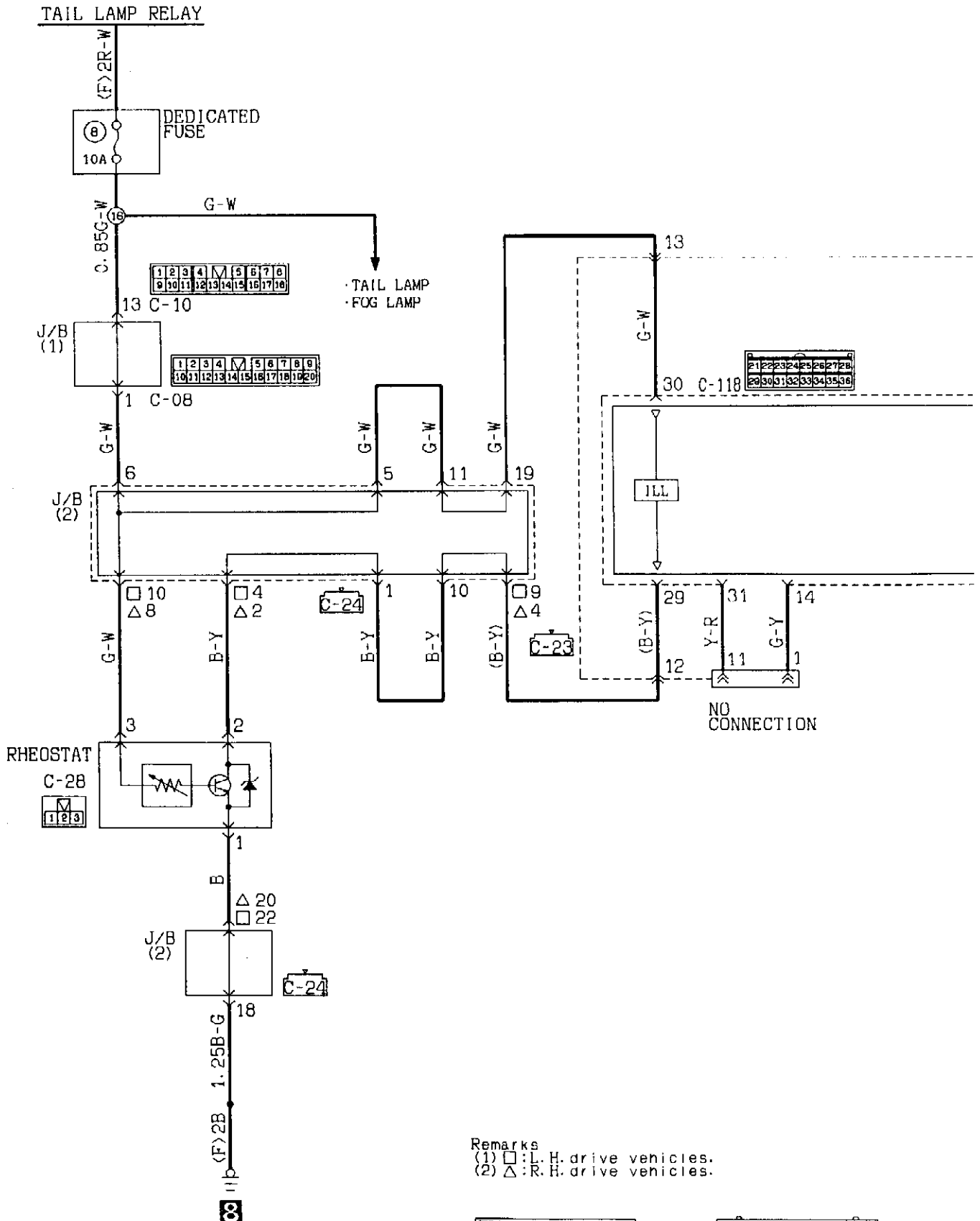
Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.

KX35-AC-F1205B1-EC

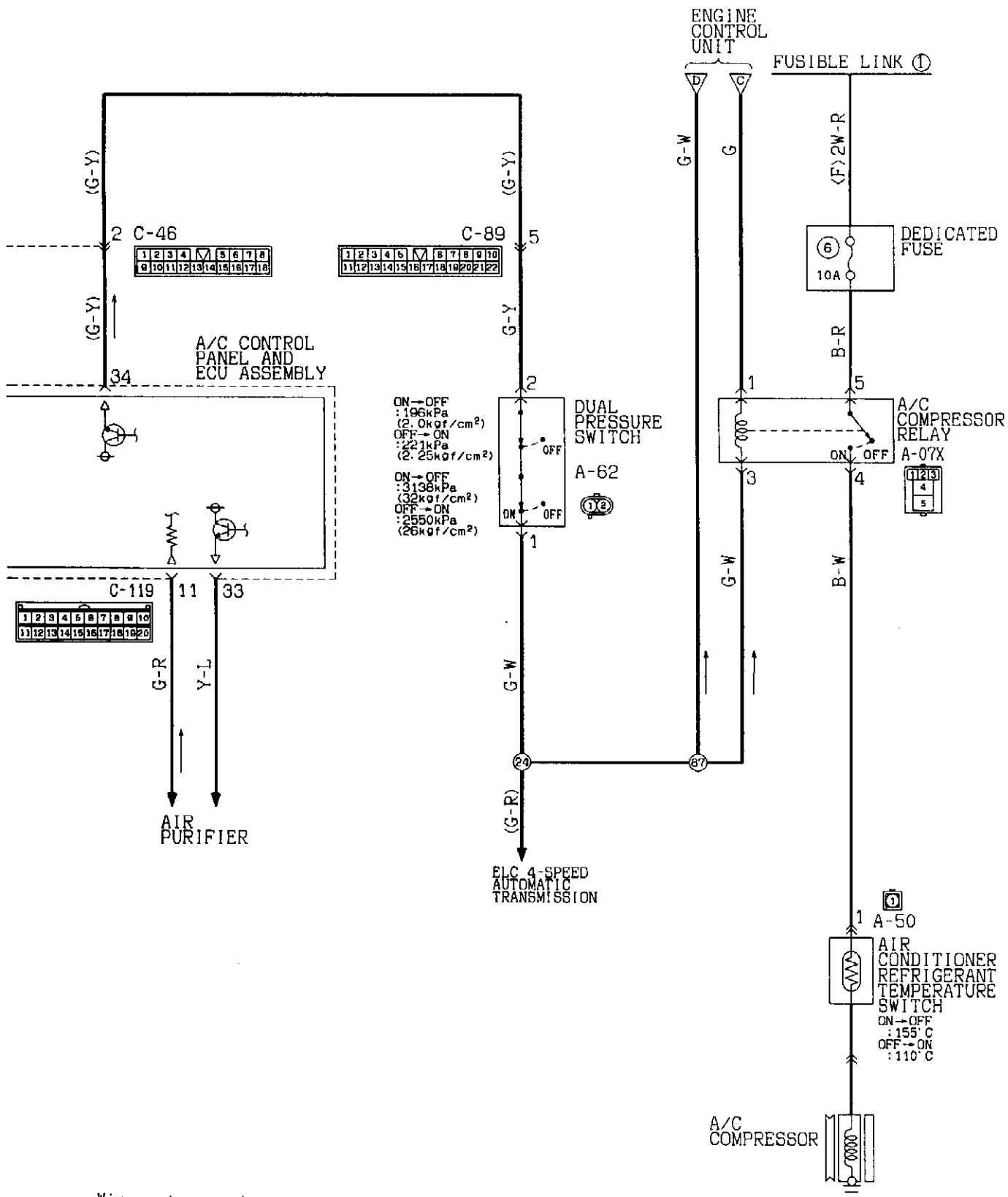


Wire colour code  
 B:Black    LG:Light green    G:Green    L:Blue  
 BR:Brown    O:Orange    GR:Gray    R:Red  
 W:White    SB:Sky blue    P:Pink    Y:Yellow  
 V:Violet

FULL AUTOMATIC AIR CONDITIONER <6A12-A/T> (CONTINUED)



Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.



Wire colour code  
 B:Black      LG:Light green      G:Green      L:Blue  
 BR:Brown      O:Orange      GR:Gray      R:Red  
 W:White      SB:Sky blue      P:Pink      Y:Yellow  
 V:Violet

**4A-200**

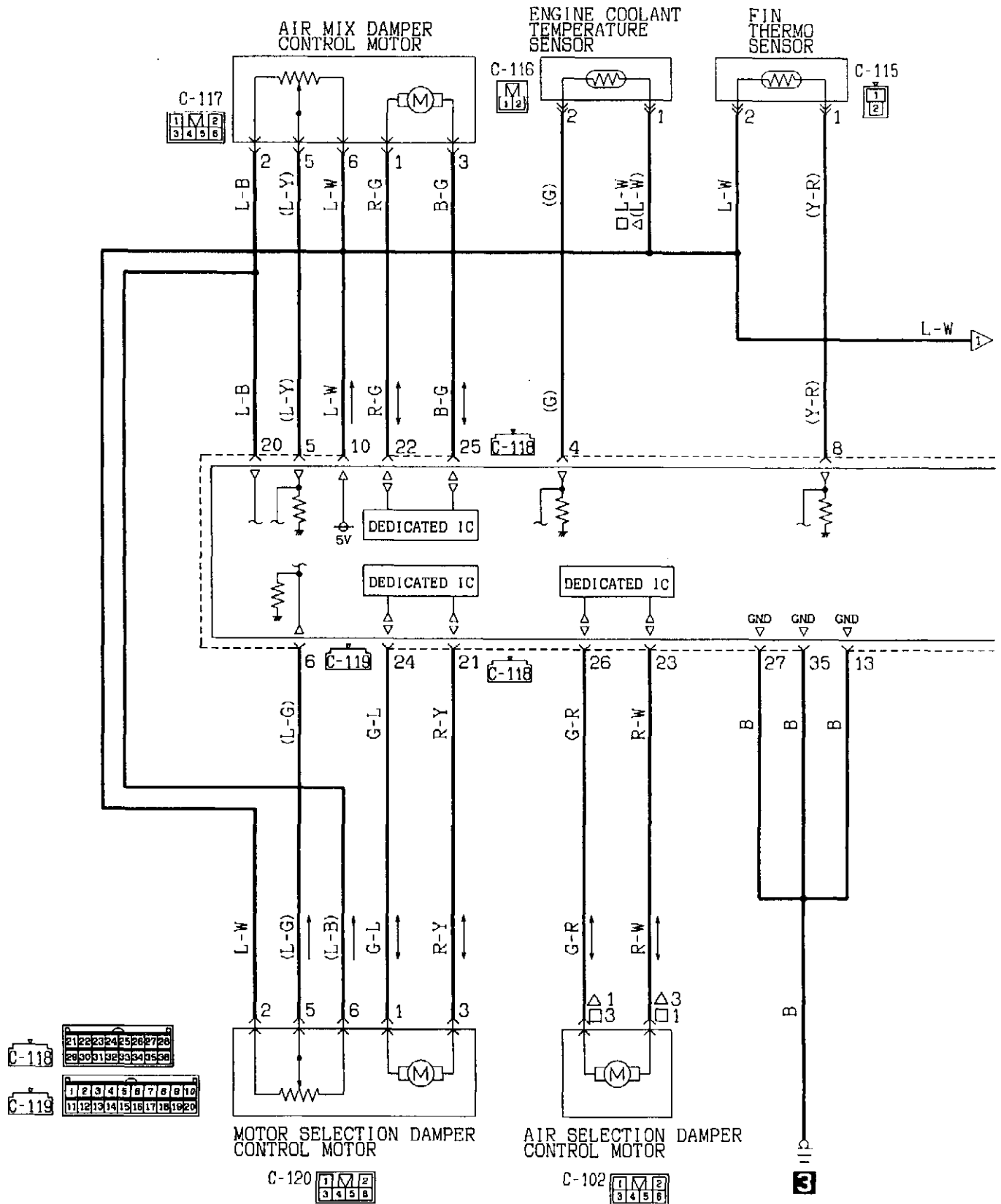
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**NOTES**

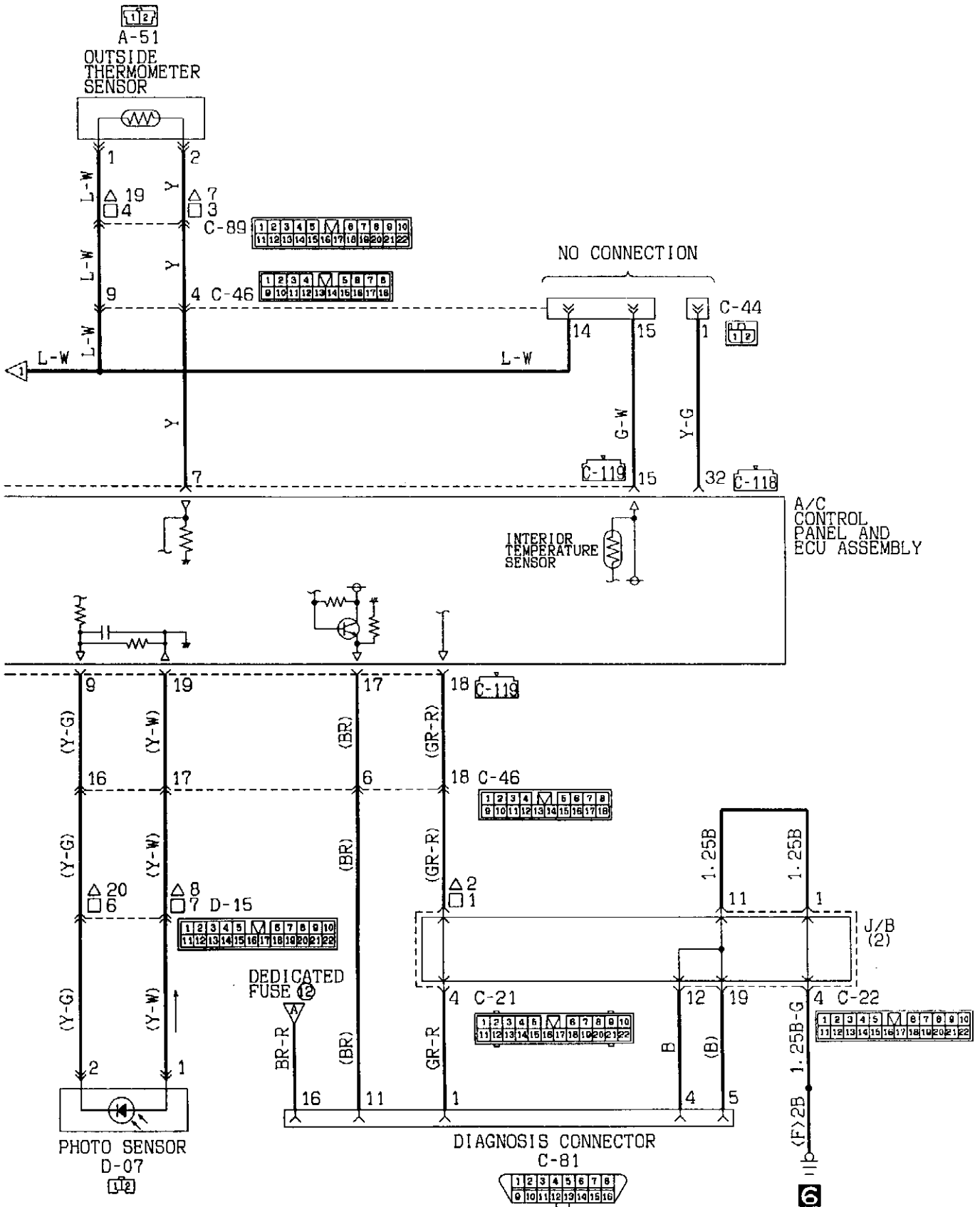




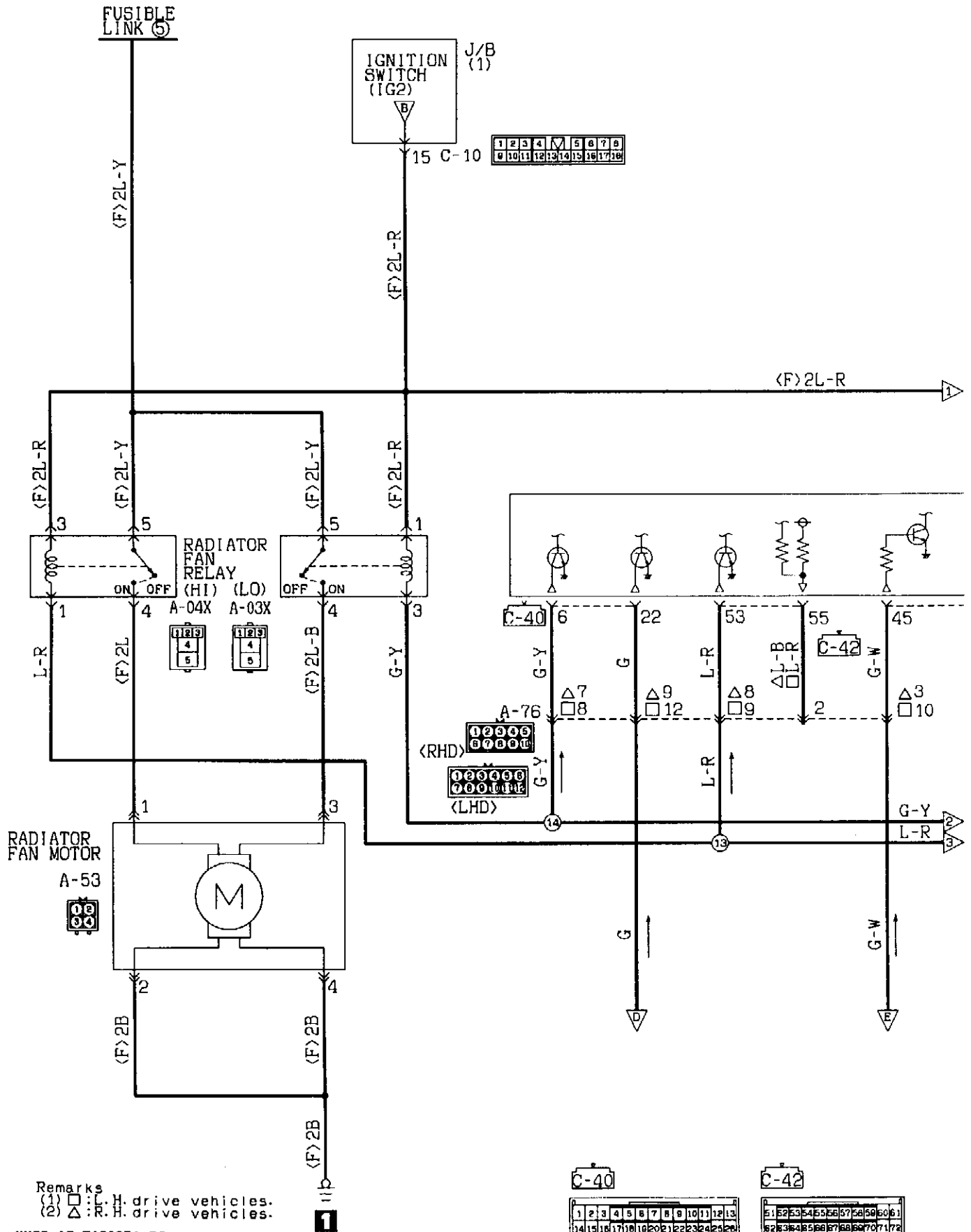
FULL AUTOMATIC AIR CONDITIONER <6G73> (CONTINUED)



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 KX35-AC-F1208A1-ECBR: Brown O:Orange GR:Gray R:Red P:Pink V:Violet



FULL AUTOMATIC AIR CONDITIONER (6G73) (CONTINUED)



Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.

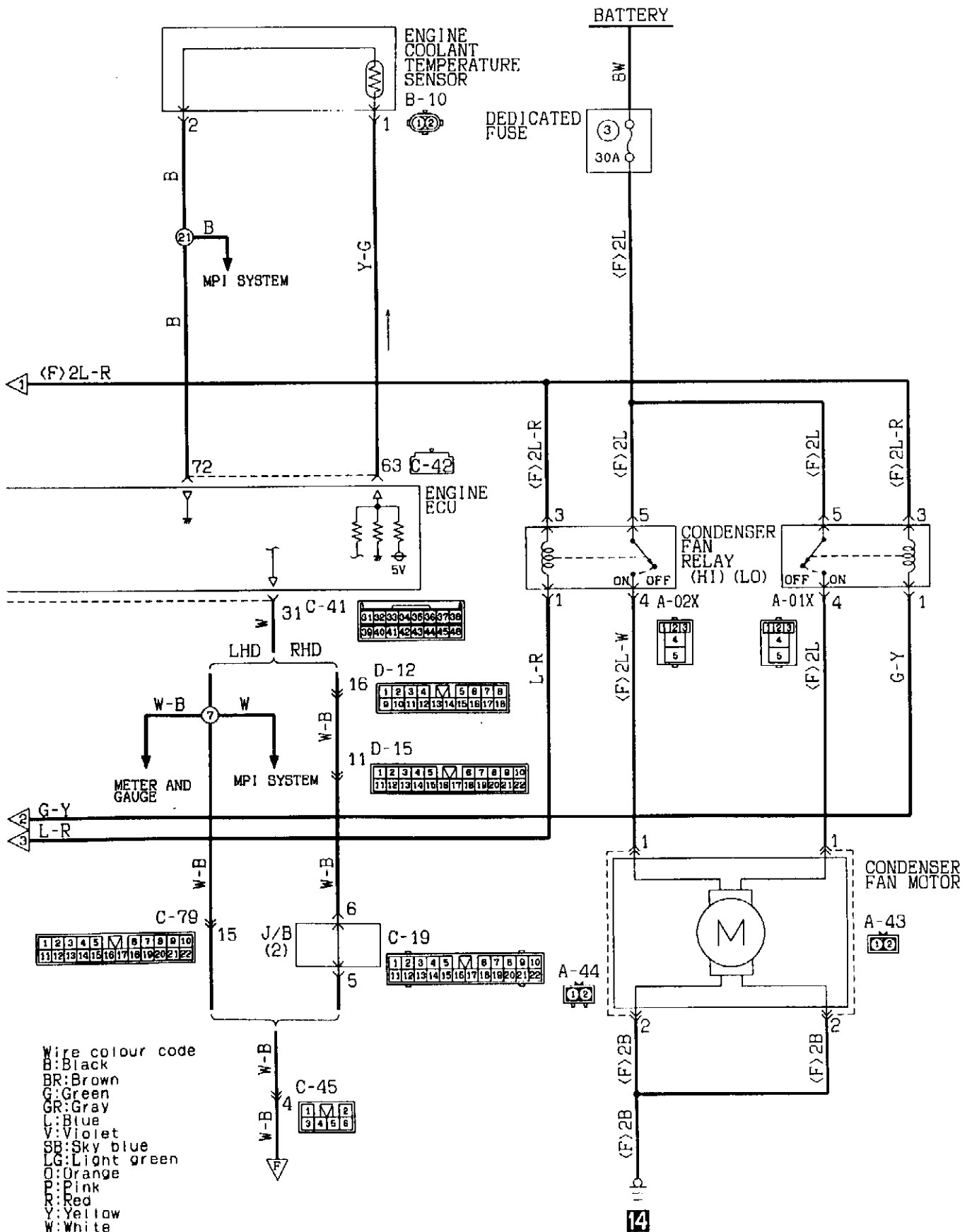
KX35-AC-F1206B1-EC

C-40

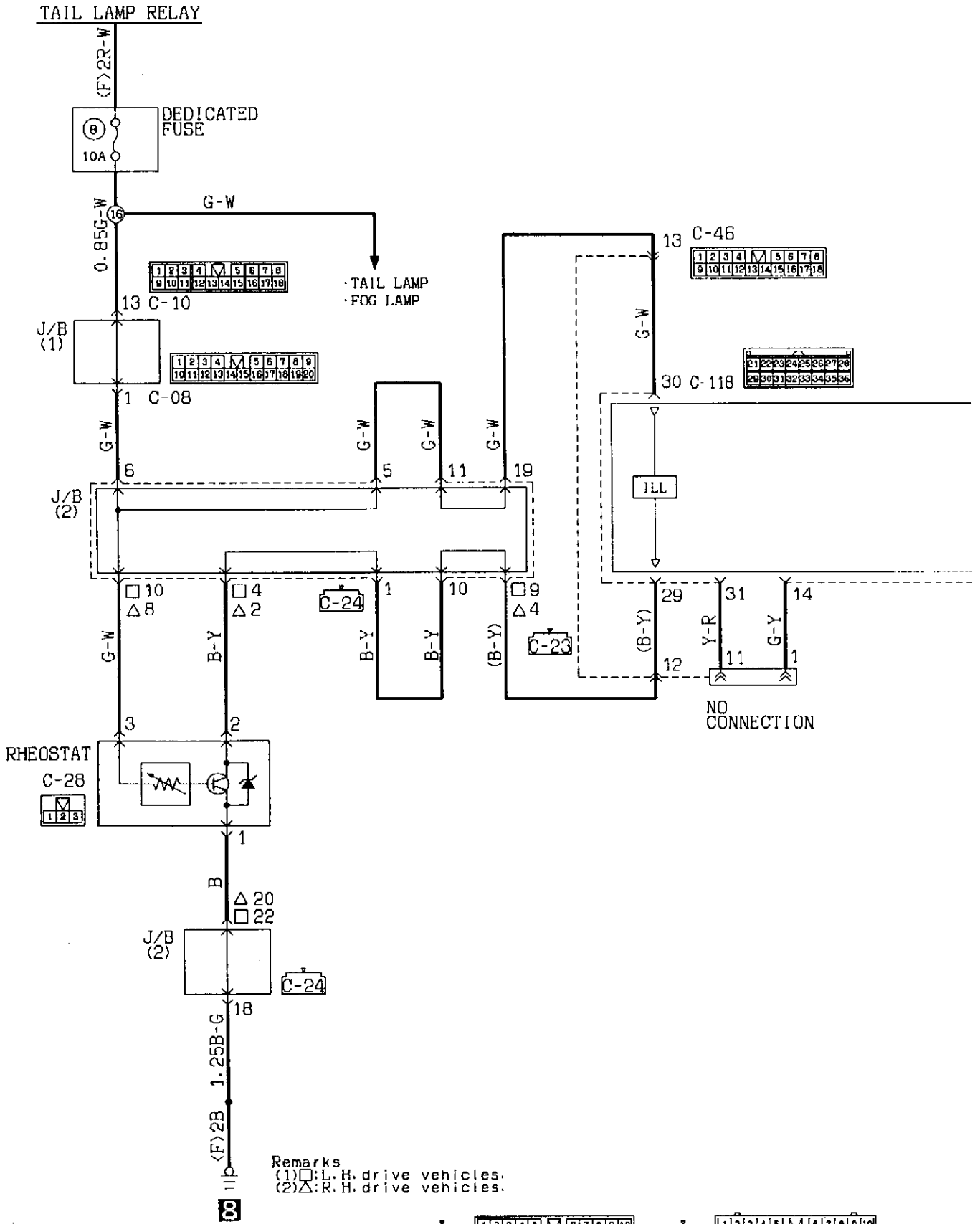
|    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

C-42

|    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 |
| 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 |

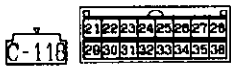


FULL AUTOMATIC AIR CONDITIONER (6G73) (CONTINUED)

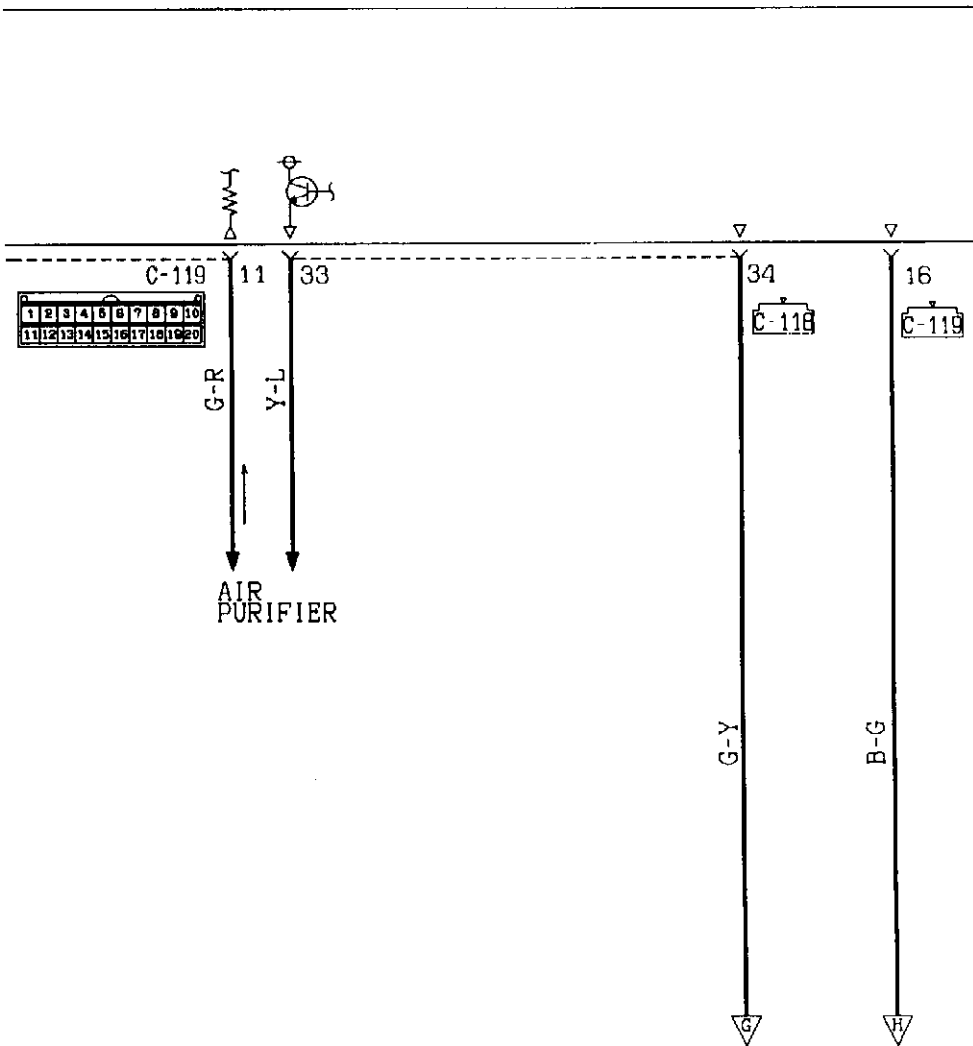


Remarks  
 (1) □: L. H. drive vehicles.  
 (2) △: R. H. drive vehicles.



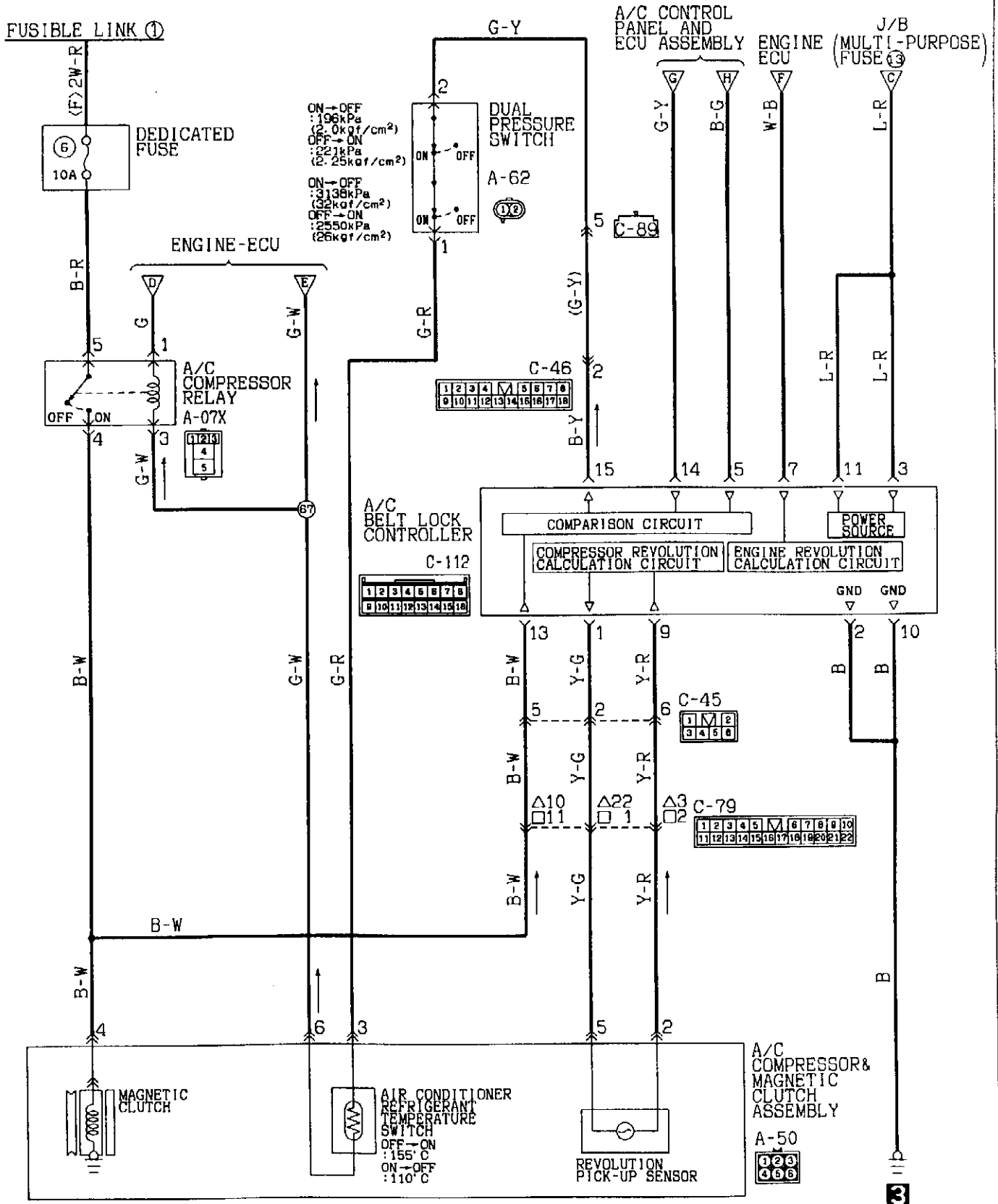


A/C  
CONTROL PANEL AND  
ECU ASSEMBLY



Wire colour code  
 B:Black    LG:Light green    G:Green    L:Blue  
 BR:Brown    O:Orange    GR:Gray    R:Red  
 W:White    SB:Sky blue    P:Pink    Y:Yellow  
 V:Violet

FULL AUTOMATIC AIR CONDITIONER (6G73) (CONTINUED)



Remarks

- (1) □: L.H. drive vehicles.
- (2) △: R.H. drive vehicles.

Wire colour code

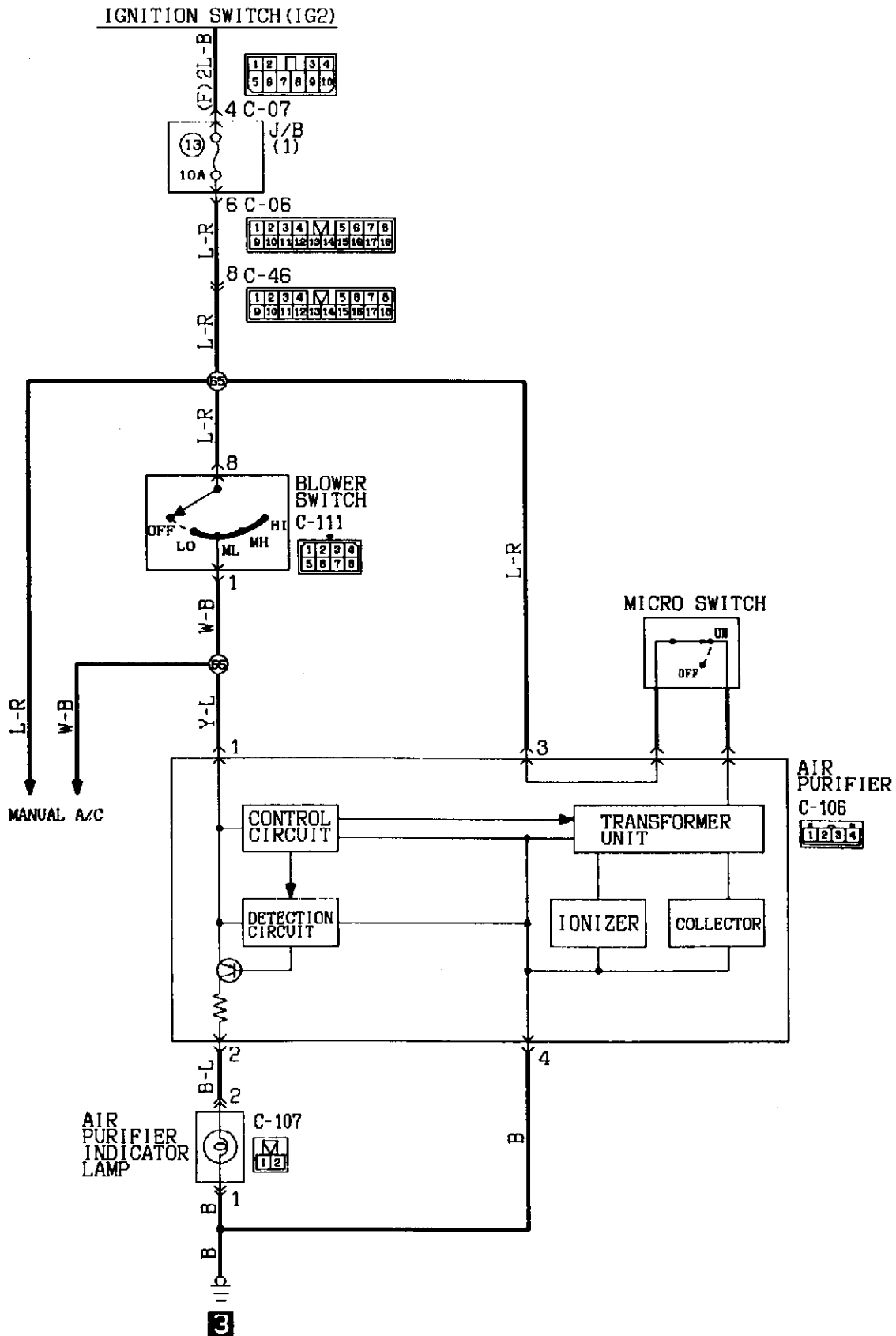
- B: Black
- BR: Brown
- W: White
- V: Violet
- LG: Light green
- O: Orange
- SB: Sky blue
- G: Green
- GR: Gray
- P: Pink
- L: Blue
- R: Red
- Y: Yellow

KX35-AC-F1208D1-EC



# AIR PURIFIER

Without full automatic air conditioner

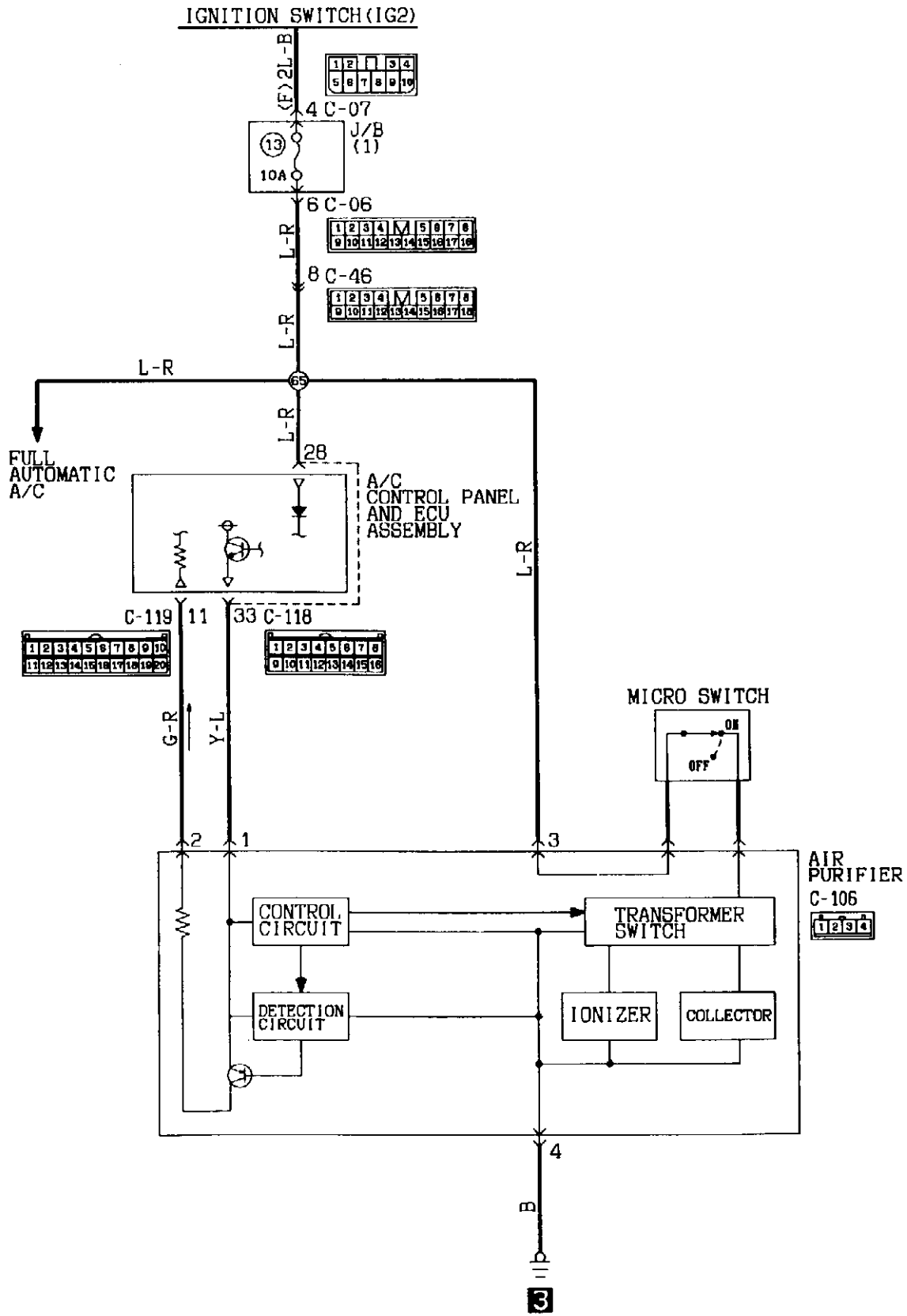


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



# AIR PURIFIER

With full automatic air conditioner



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow 8B:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

**WINDSHIELD WIPER AND WASHER** (See P. 4A-212.)**OPERATION****<Low-speed (and high-speed) wiper operation>**

- When the wiper switch is placed in the LO position with the ignition switch in the ACC or ON position, wipers operate continuously at low speed.
- Placing the wiper switch in the HI position causes the wipers to operate at high speed.

**<Auto wiper stop operation>**

- When the wiper switch is placed in the OFF position, the cam contacts of wiper motor caused current to flow through the auto wiper stop circuit, allowing the wiper blades to cycle before they reach to the stop positions.

**<Intermittent wiper operation>**

- When the wiper switch is placed in the INT position with the ignition switch in ACC or ON position, the intermittent wiper relay is energized causing the intermittent wiper relay contacts to close and open repeatedly.
- When the contacts are closed, the wiper motor is energized.
- When the wiper motor is energized, the relay contacts open; however, the cam contacts keep the wiper motor energized until the wiper blades return to their stop position.

**<Washer-Wiper operation>**

- When the washer switch is turned ON, the intermittent wiper relay contacts close causing wipers to cycle two to three times.

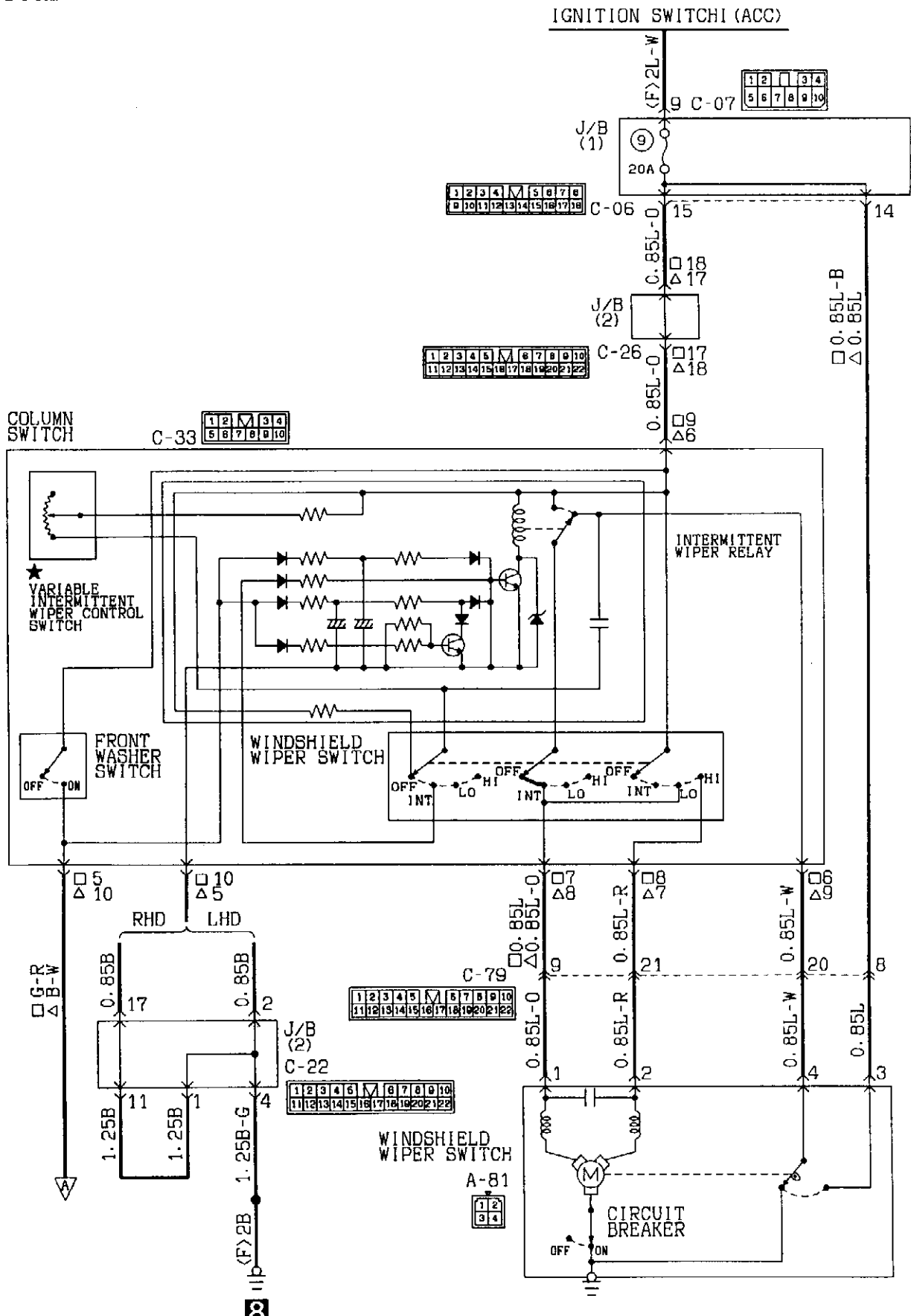
**TROUBLESHOOTING HINTS**

1. Wipers do not operate.
  - 1) Washer is not operative, either.
    - Check multi-purpose fuse No. ⑨.
    - Check ground.
2. Low-speed (or high-speed) wiper operation only is inoperative.
  - Check wiper switch.
3. Wipers do not stop.
  - Check wiper motor.
  - Check intermittent wiper relay.
  - Check wiper switch.
4. Intermittent wiper operation is inoperative.
  - Check terminal voltage of steering-column switch (with a built-in intermittent wiper relay) with the intermittent wiper relay energized.

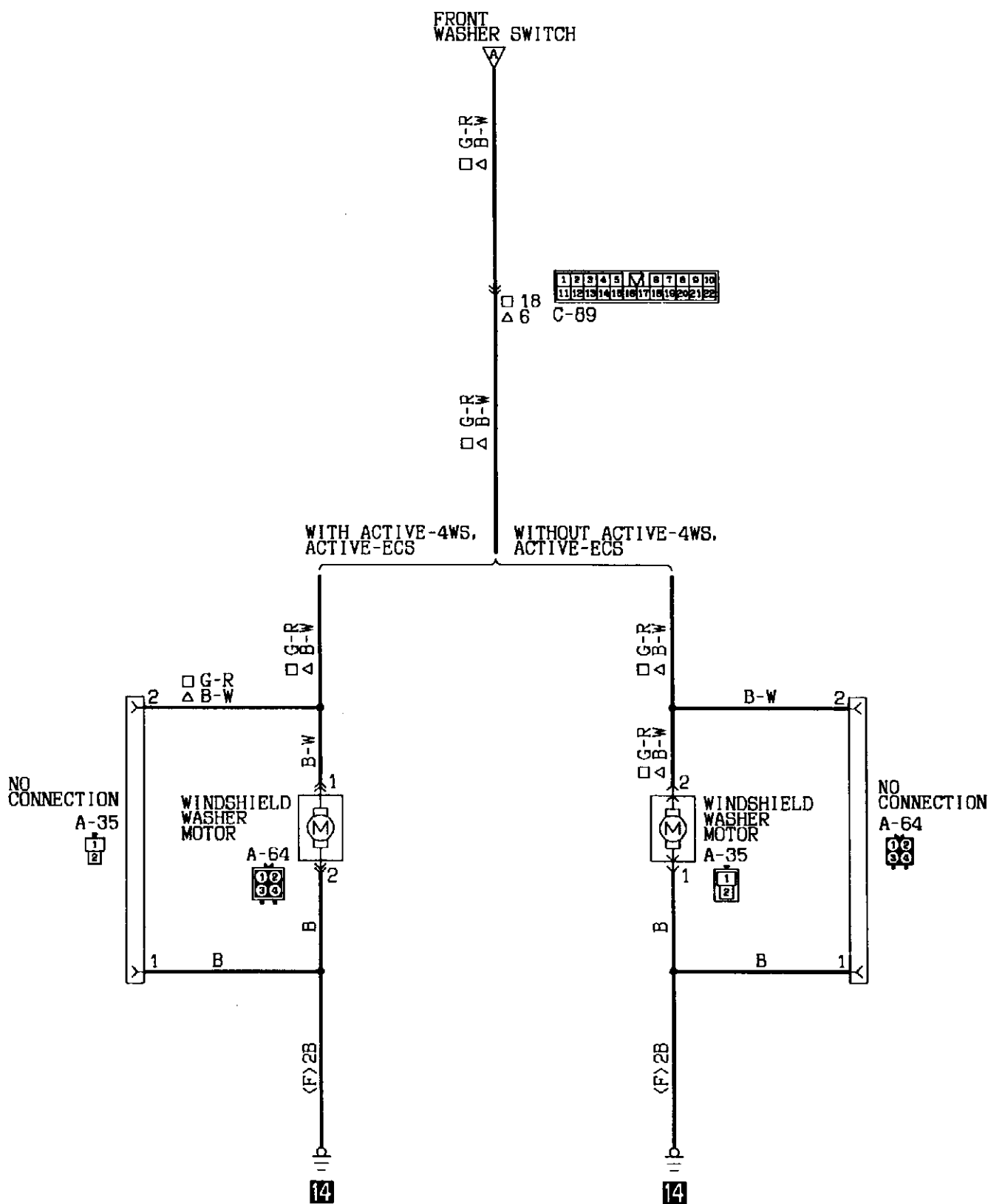
| Terminal No.       | Voltage                     | Check                                    |
|--------------------|-----------------------------|--|
| 7 <LHD><br>8 <RHD> | 0 V                         | Intermittent wiper relay or wiper switch |
|                    | 12 V                        | Intermittent wiper relay                 |
|                    | 0 V ↔ 12 V<br>(alternating) | — (Normal)                               |

5. The length of pause for intermittent operation cannot be varied.
  - Check variable intermittent wiper control switch.
  - Check intermittent wiper relay.
6. Washer is inoperative.
  - 1) Wiper is operative on washer-wiper operation.
    - Check washer motor.
  - 2) Washer-wiper operation is inoperative also.
    - Check washer switch.
7. Washer-wiper operation is inoperative.
  - Check intermittent wiper relay.

# WINDSHIELD WIPER AND WASHER



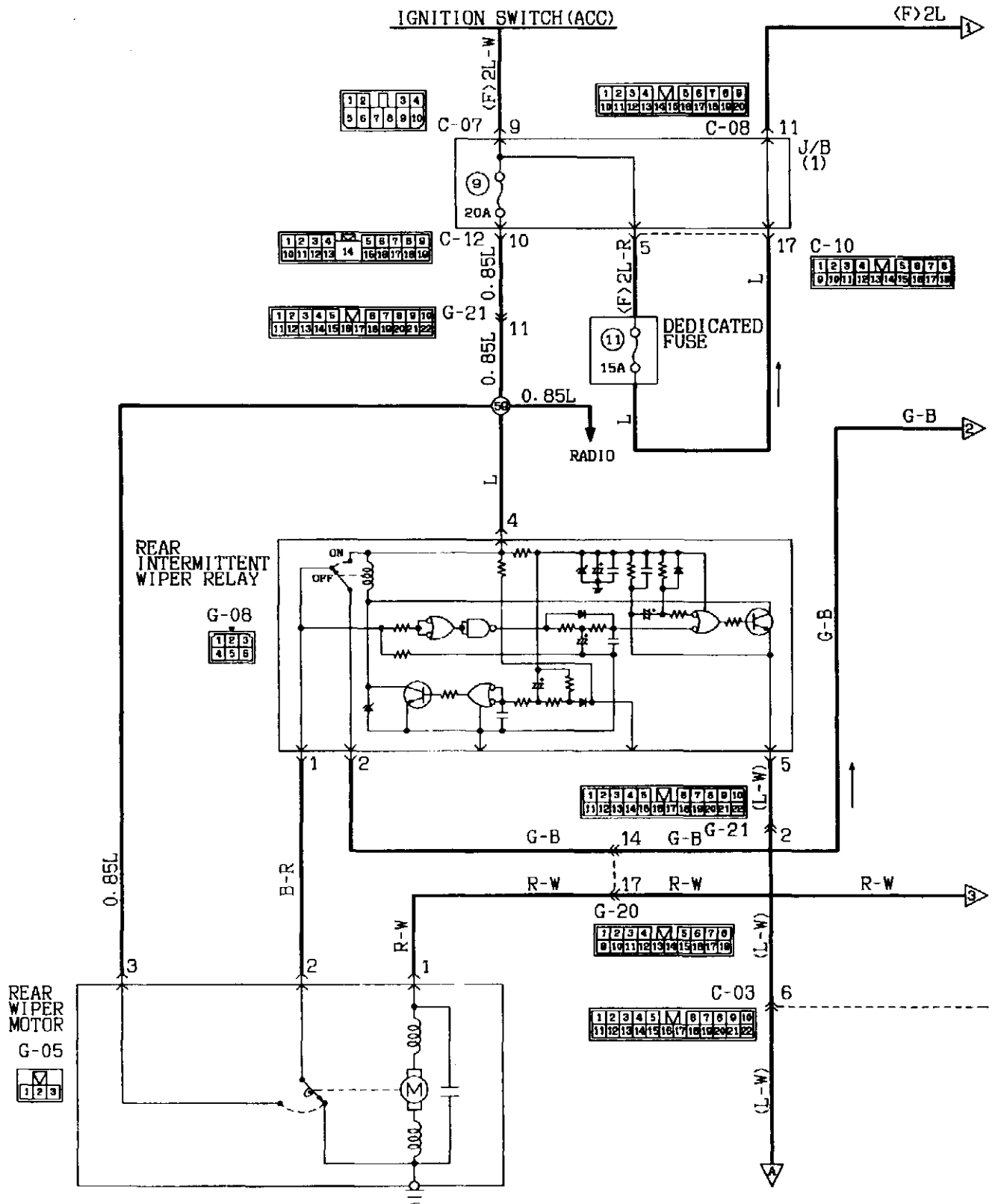
KX35-AC-F1321-EC



Remarks  
 (1) □: L. H. drive vehicles.  
 (2) △: R. H. drive vehicles.  
 (3) ★: Vehicles with variable intermittent wiper.

Wire colour code  
 B: Black      LG: Light green      G: Green      L: Blue  
 BR: Brown    O: Orange            GR: Gray      R: Red  
 W: White      SB: Sky blue        P: Pink        Y: Yellow  
 V: Violet

REAR WIPER AND WASHER  
Sedan<L. H. drive vehicles>

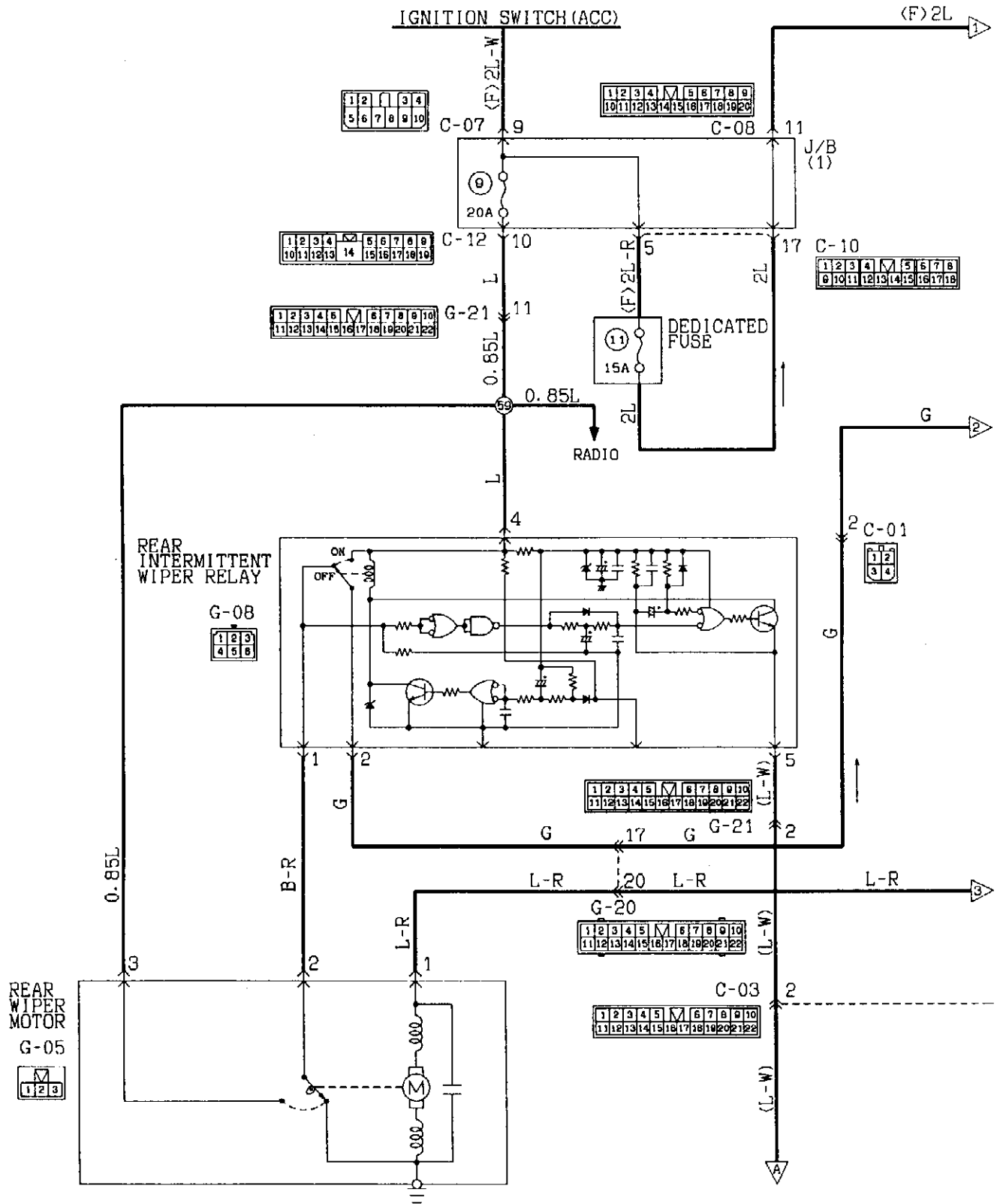


Wire colour code

B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

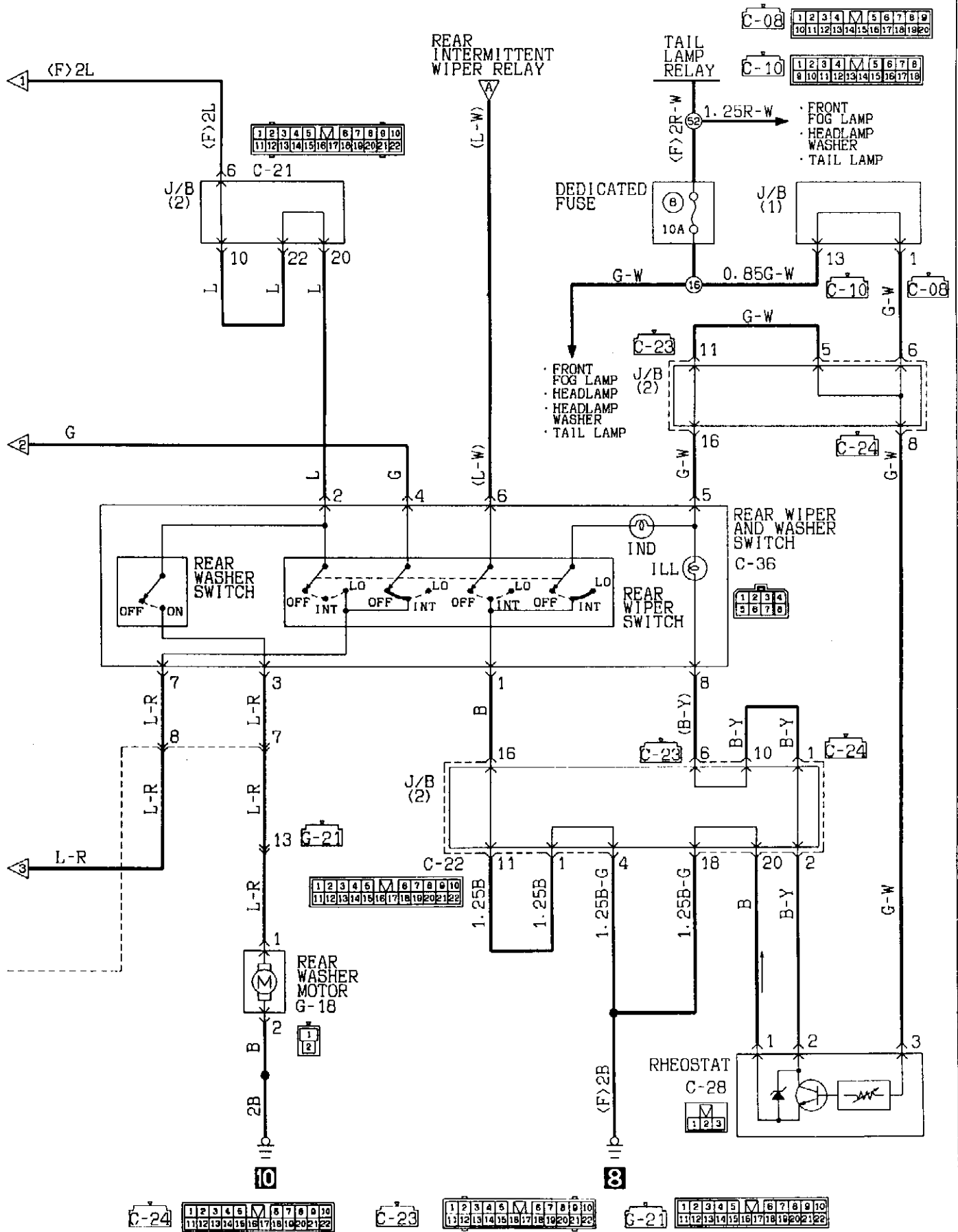


REAR WIPER AND WASHER  
Sedan (R. H. drive vehicles)



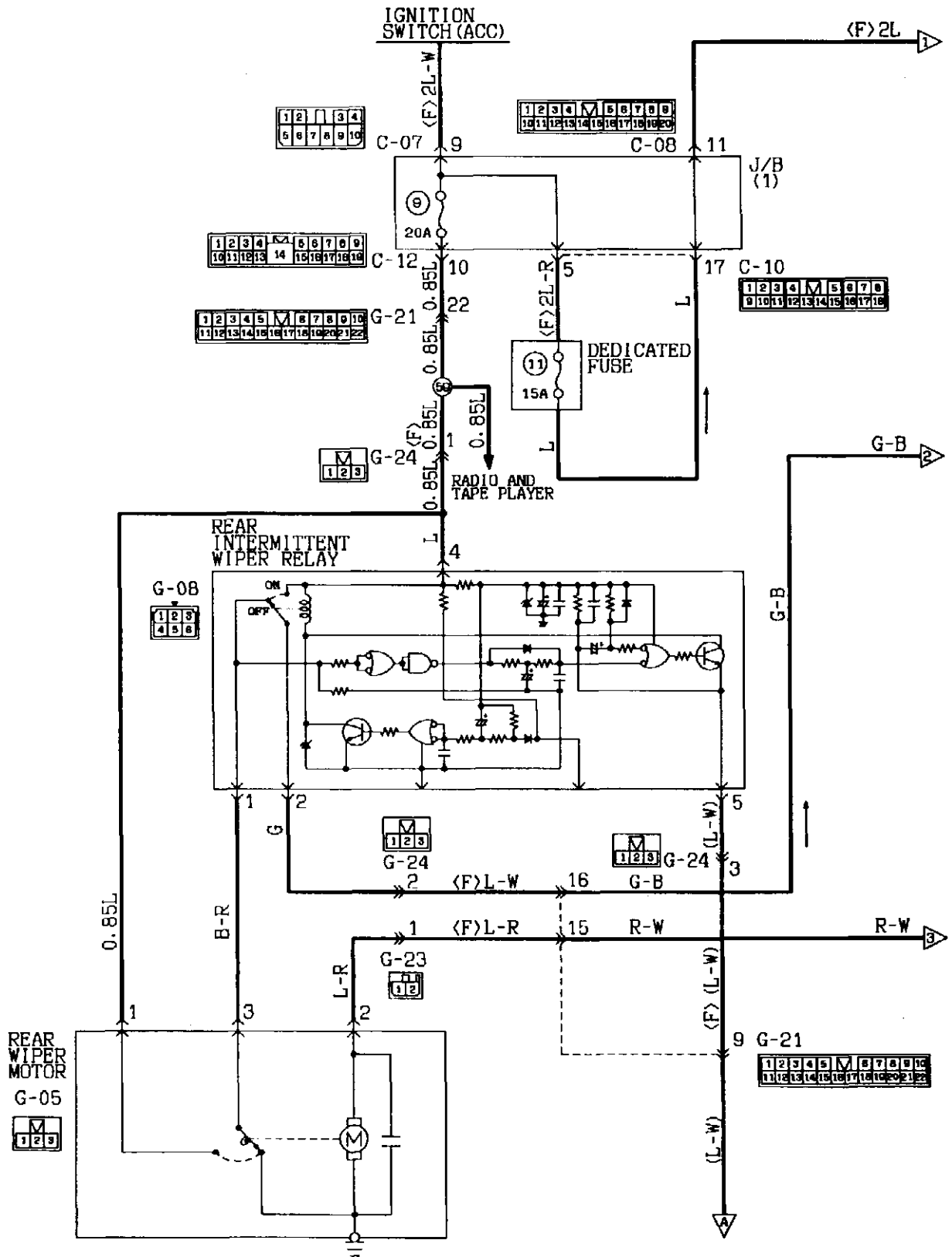
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F1320-EC

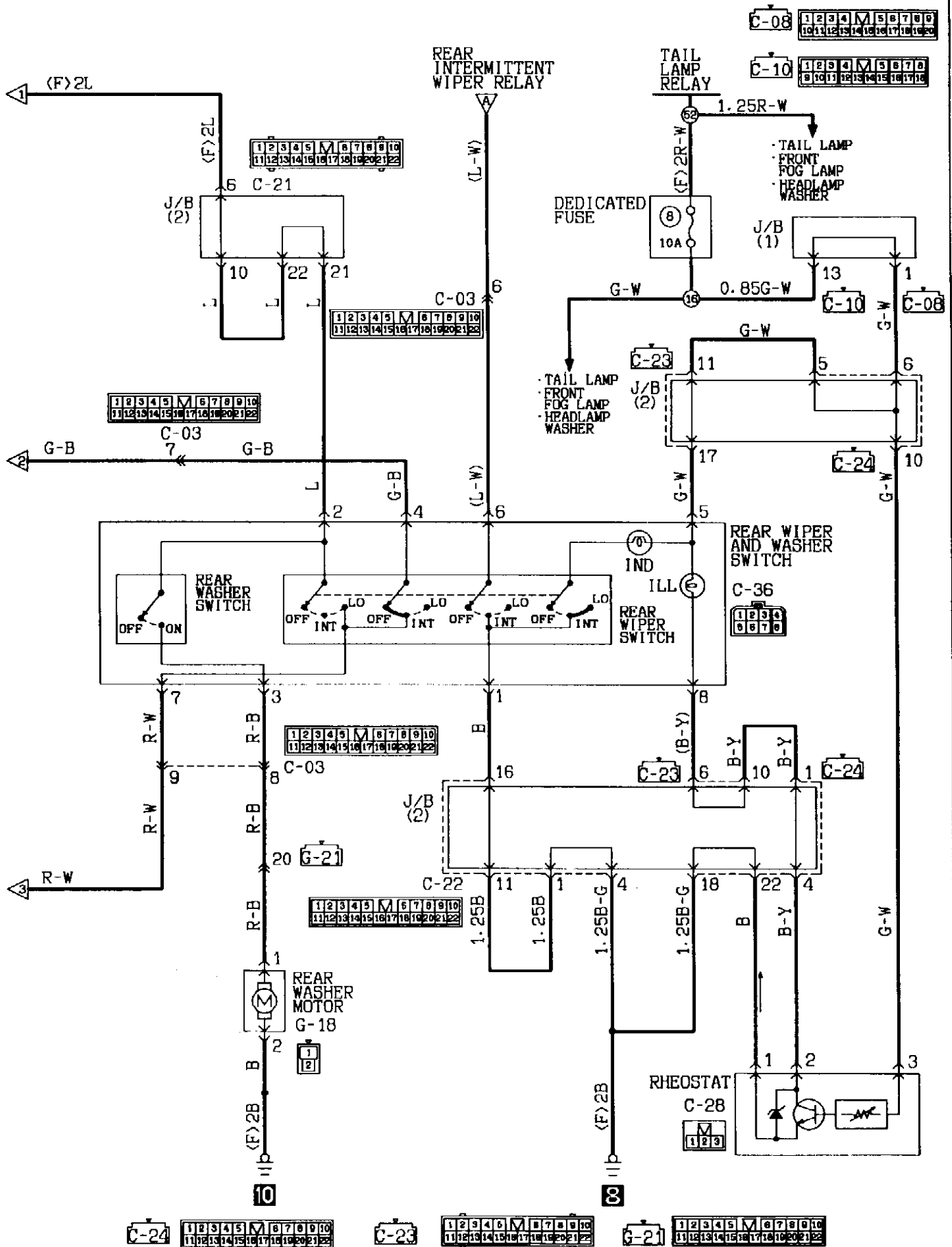




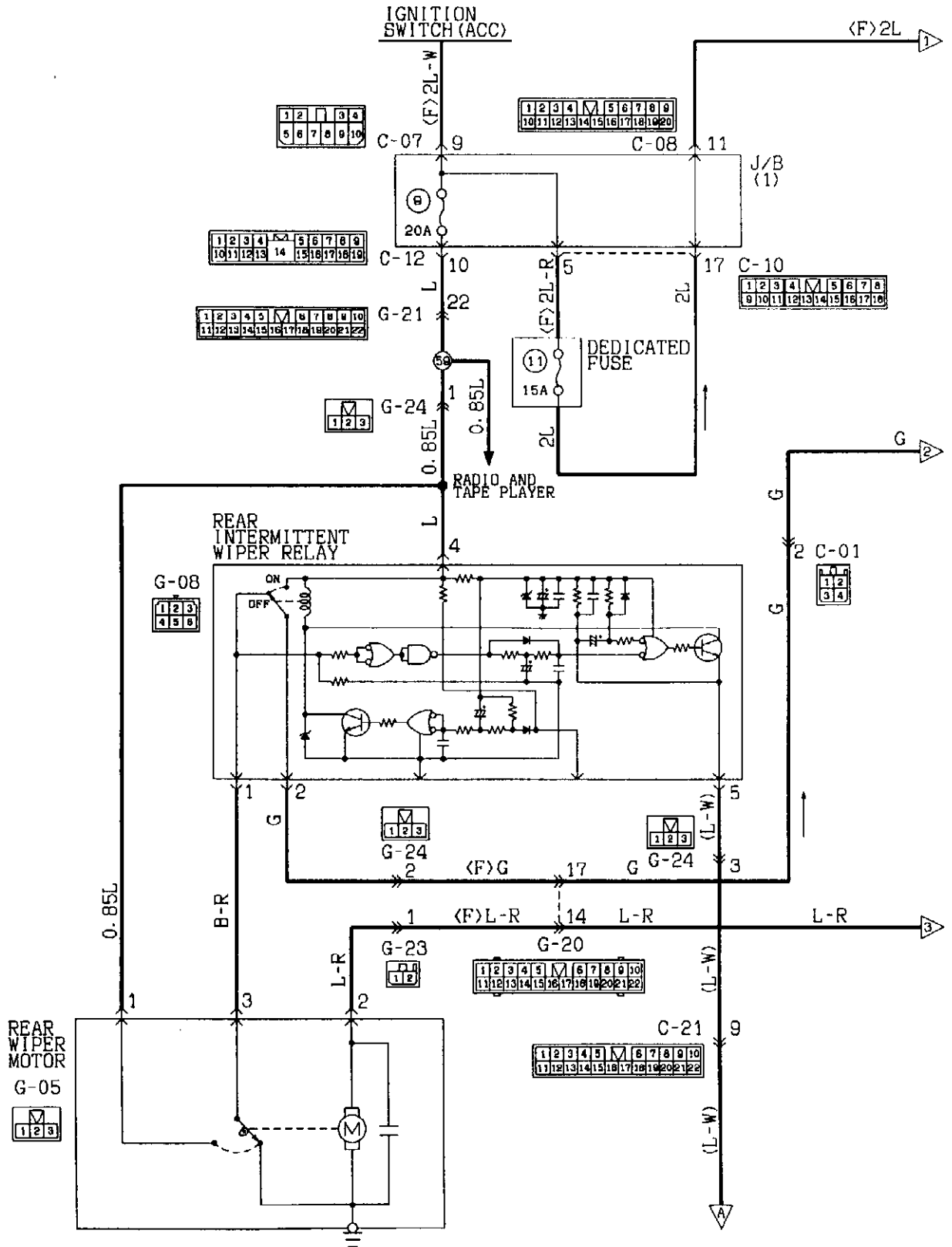
REAR WIPER AND WASHER  
Hatchback (L.H. drive vehicles)



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

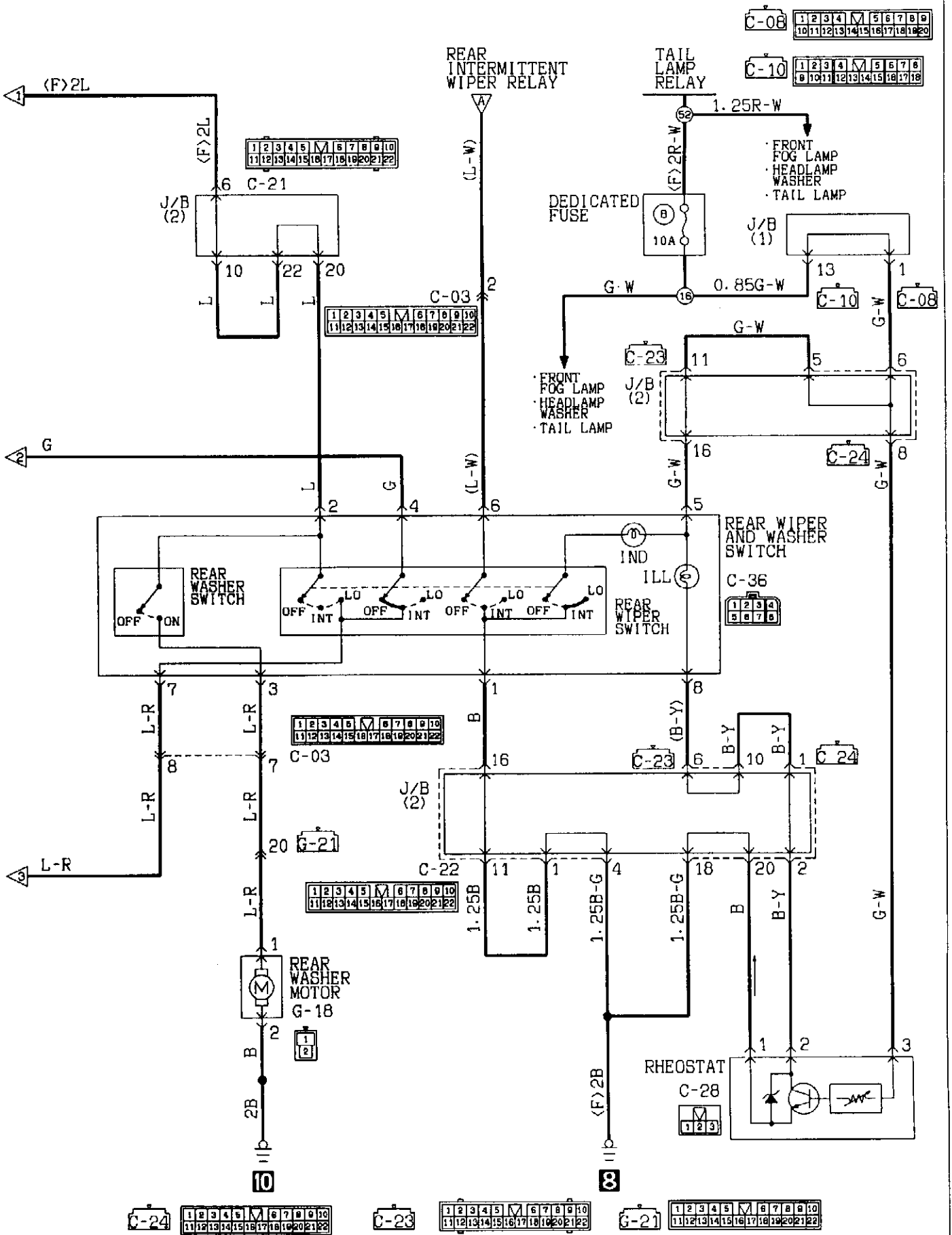


REAR WIPER AND WASHER  
Hatchback <R. H. drive vehicles>



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F1319-EC



**REAR WIPER AND WASHER (See P. 4A-214, 216, 218, 220.)****OPERATION****<Low-speed wiper operation>**

- When the wiper switch is placed in the LO (or ON) position with the ignition switch in the ACC or ON position, wipers operate continuously at low speed.

**<Auto wiper stop operation>**

- When the wiper switch is placed in the OFF position, the cam contacts of wiper motor causes current to flow through the auto wiper stop circuit, allowing the wiper blades to cycle before they reach to the stop positions.

**<Intermittent wiper operation>**

- When the wiper switch is placed in the INT position with the ignition switch in ACC or ON position, the intermittent wiper relay is energized causing the intermittent wiper relay contacts to close and open repeatedly.
- When the contacts are closed, the wiper motor is energized.
- When the wiper motor is energized, the relay contacts open; however, the cam contacts keep the wiper motor energized until the wiper blades return to their stop position.

**TROUBLESHOOTING HINTS**

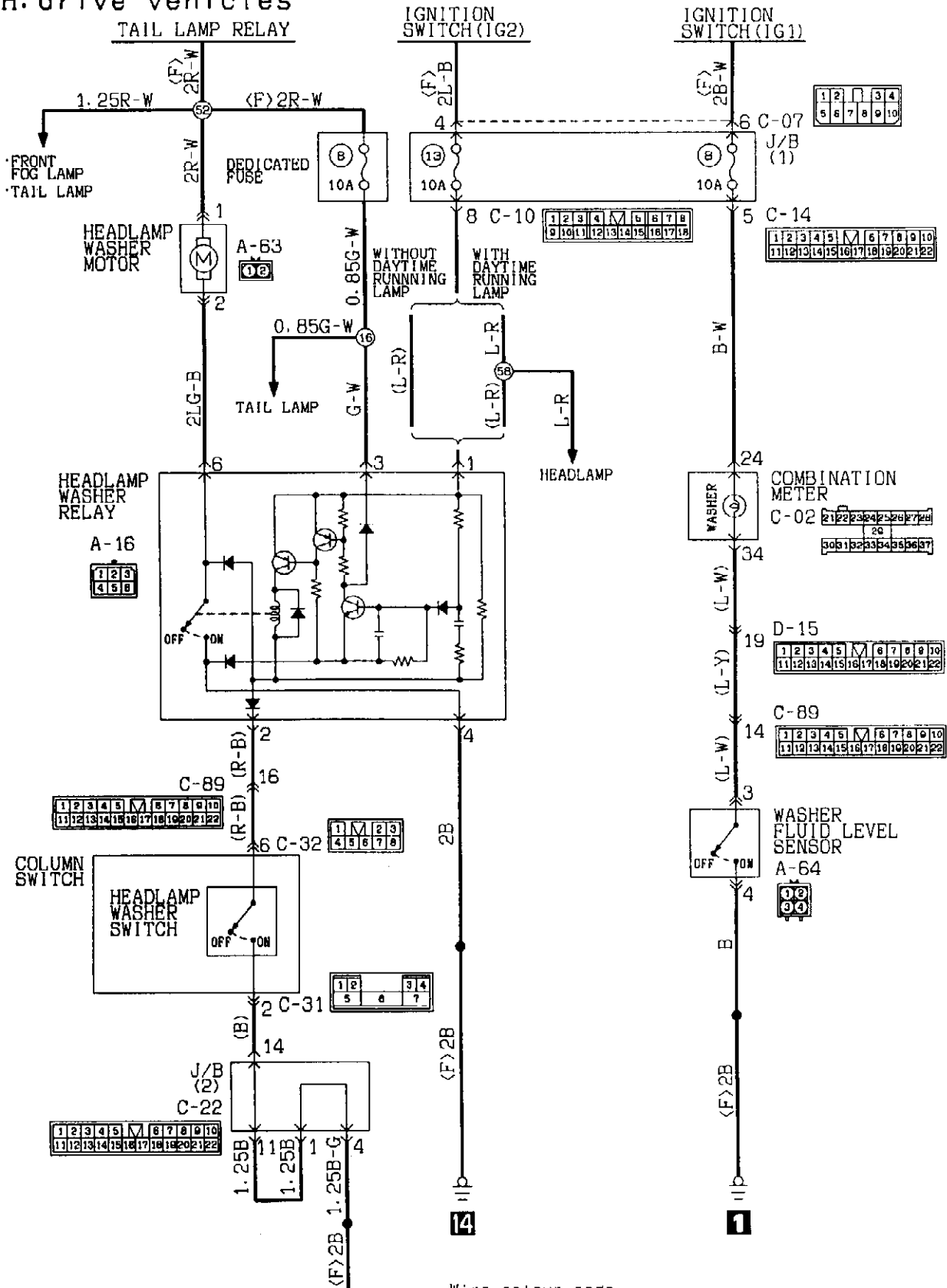
1. Wipers do not operate.
  - 1) Washer is not operative, either.
    - Check multi-purpose fuse No. ⑨.
    - Check earth.
    - Check wiper switch.
2. Wipers do not stop.
  - Check wiper motor.
  - Check intermittent wiper relay.
  - Check wiper switch.
3. Intermittent wiper operation is inoperative.
  - Check terminal voltage of the intermittent wiper relay energized.

| Terminal No. | Voltage                  | Check                                    |
|--------------|--------------------------|--|
| 2            | 0 V                      | Intermittent wiper relay or wiper switch |
|              | 12 V                     | Intermittent wiper relay                 |
|              | 0 V ↔ 12 V (alternating) | — (Normal)                               |

4. Washer is inoperative.
  - Check washer motor.
  - Check washer switch.

# HEADLAMP WASHER

## L.H. drive vehicles



Wire colour code  
 B:Black LG:Light green G:Green L:Blue  
 BR:Brown O:Orange GR:Gray R:Red  
 W:White SB:Sky blue P:Pink Y:Yellow  
 V:Violet

KX35-AC-F1318-EC



**HEADLAMP WASHER (See P. 4A-223, 224.)****OPERATION**

- When the headlamp washer switch is turned ON with ignition switch in ON and lighting switch in TAIL or HEAD position, the headlamp washer relay is energized causing the headlamp washer motor to start.

**<Headlamp washer fluid level indicator lamp>**

- When the headlamp washer fluid level goes down below a predetermined level with the ignition switch in ON position, the headlamp washer level sensor is activated causing the headlamp washer fluid level indicator to light up.

**TROUBLESHOOTING HINTS**

1. Headlamp washer motor does not start.
  - 1) Blower motor does not start, either.
    - Check multi-purpose fuse No. ⑬.
  - 2) Blower motor does start.
    - Check headlamp washer motor.
    - Check headlamp washer relay.
    - Check headlamp washer switch.

**DEFOGGER AND DOOR MIRROR PRINTED HEATING WIRES (See P. 4A-226, 229, 232, 236.)****OPERATION**

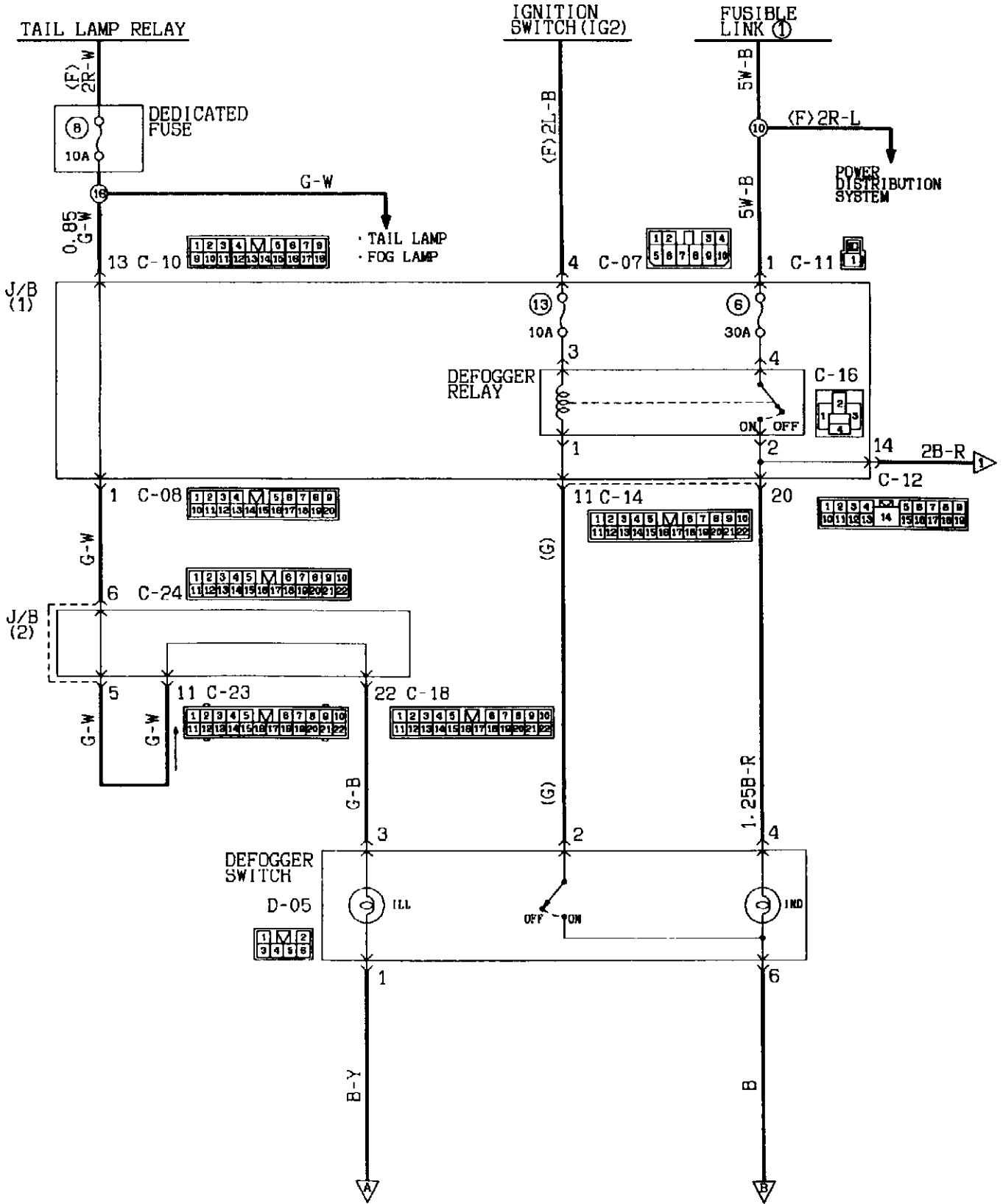
- When the ignition switch is at the ON position and the defogger switch is turned to ON, the defogger relay turns ON and the defogger and door mirror printed heating wires operate.
- At this time, the defogger indicator lamp also illuminates to inform the driver that the defogger is operating.

**TROUBLESHOOTING HINTS**

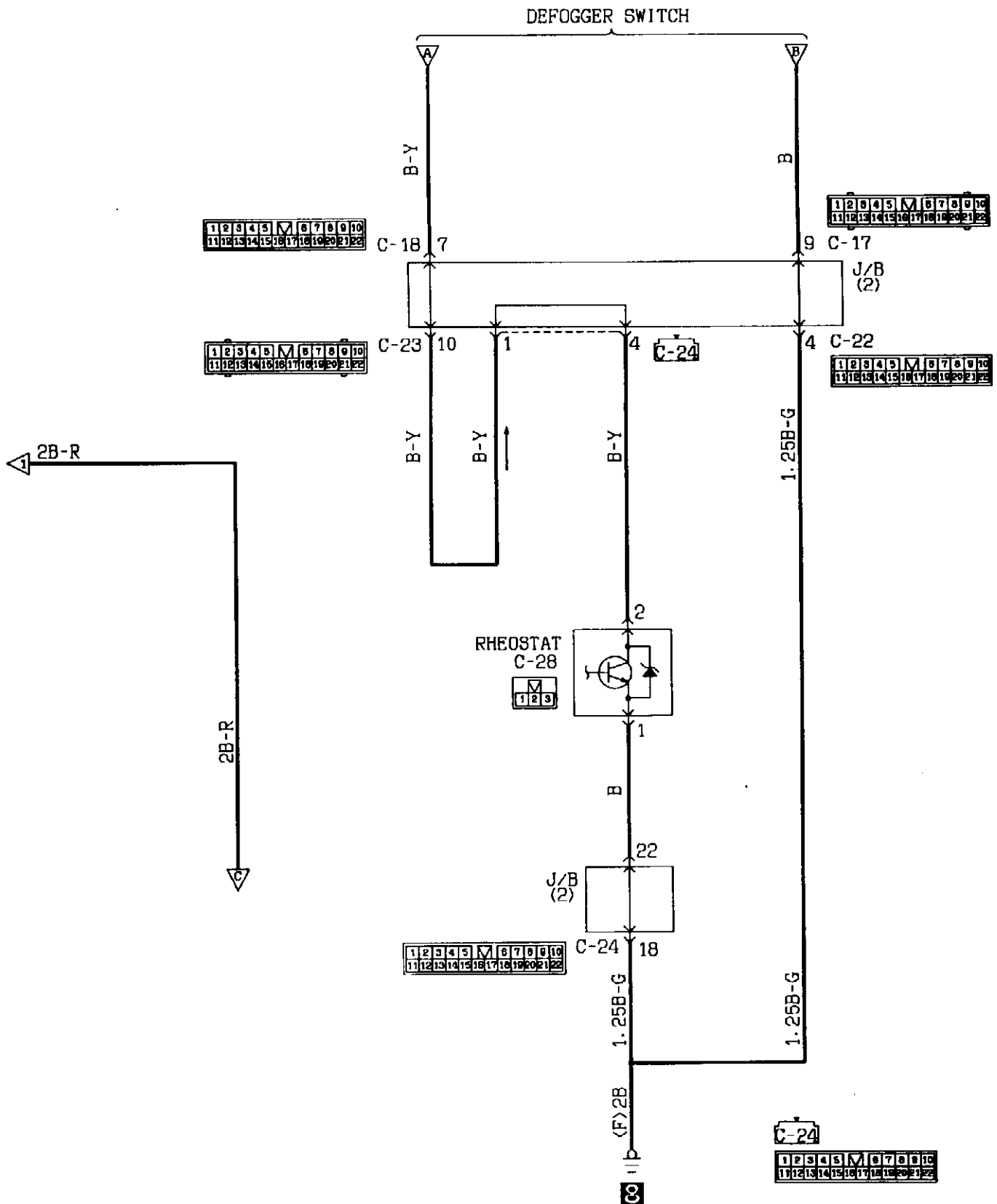
1. Defogger does not operate.
  - 1) Indicator lamp does not illuminate either.
    - Check multi-purpose fuse No. ⑬.
    - Check multi-purpose fuse No. ⑥.
    - Check the defogger relay.
  - 2) Indicator lamp illuminates.
    - Check the defogger.
2. Door mirror printed heating wires do not operate.
  - 1) Defogger does not operate either.
    - Check multi-purpose fuse No. ⑬.
    - Check multi-purpose fuse No. ⑥.
    - Check the defogger relay.
  - 2) Defogger operates.
    - Check the door mirror printed heating wires.



DEFOGGER AND DOOR MIRROR HEATER  
L.H. drive vehicles without ETACS

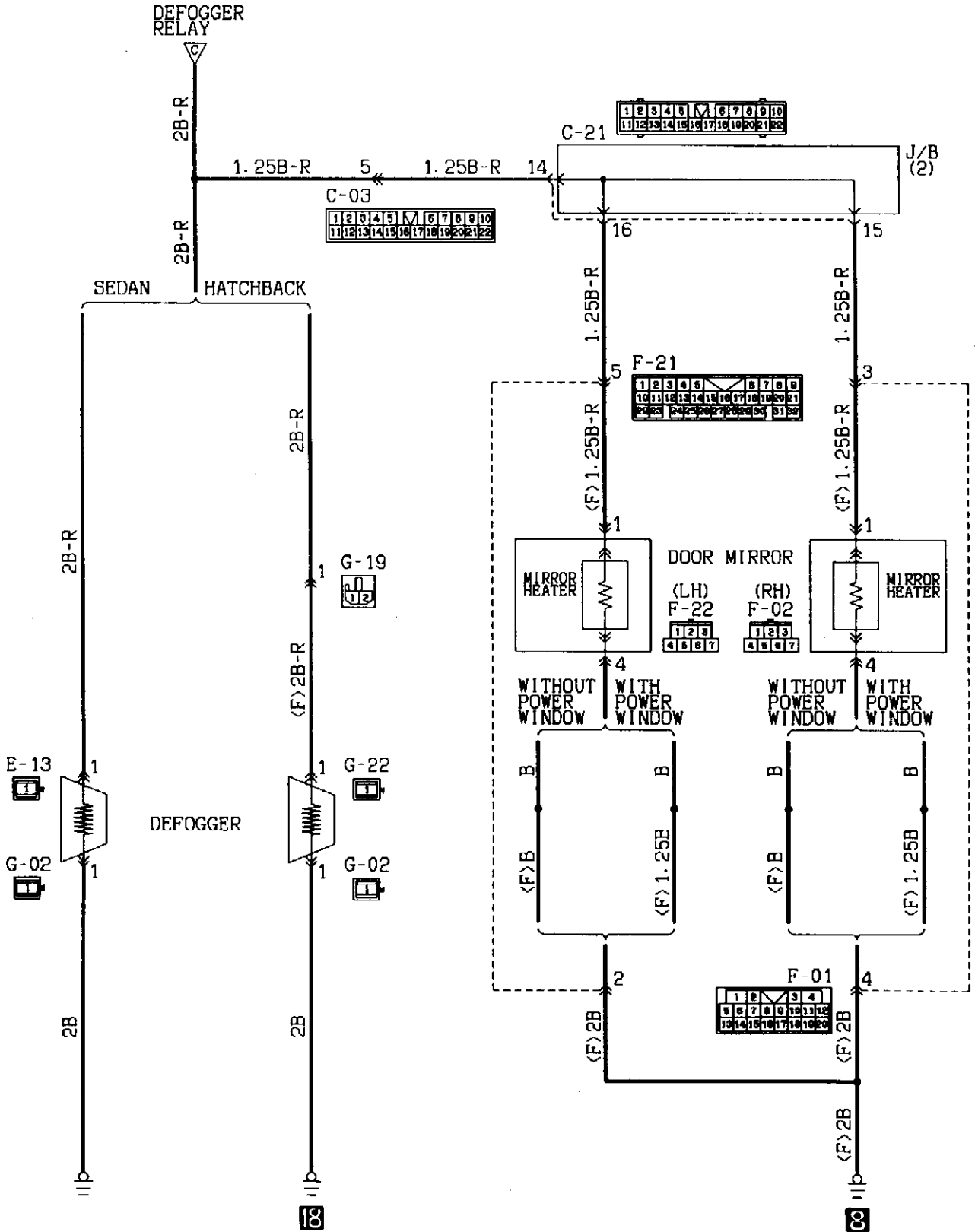


KX35-AC-F1301-EC



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

DEFOGGER AND DOOR MIRROR HEATER  
 (L.H. drive vehicles without ETACS)  
 (CONTINUED)

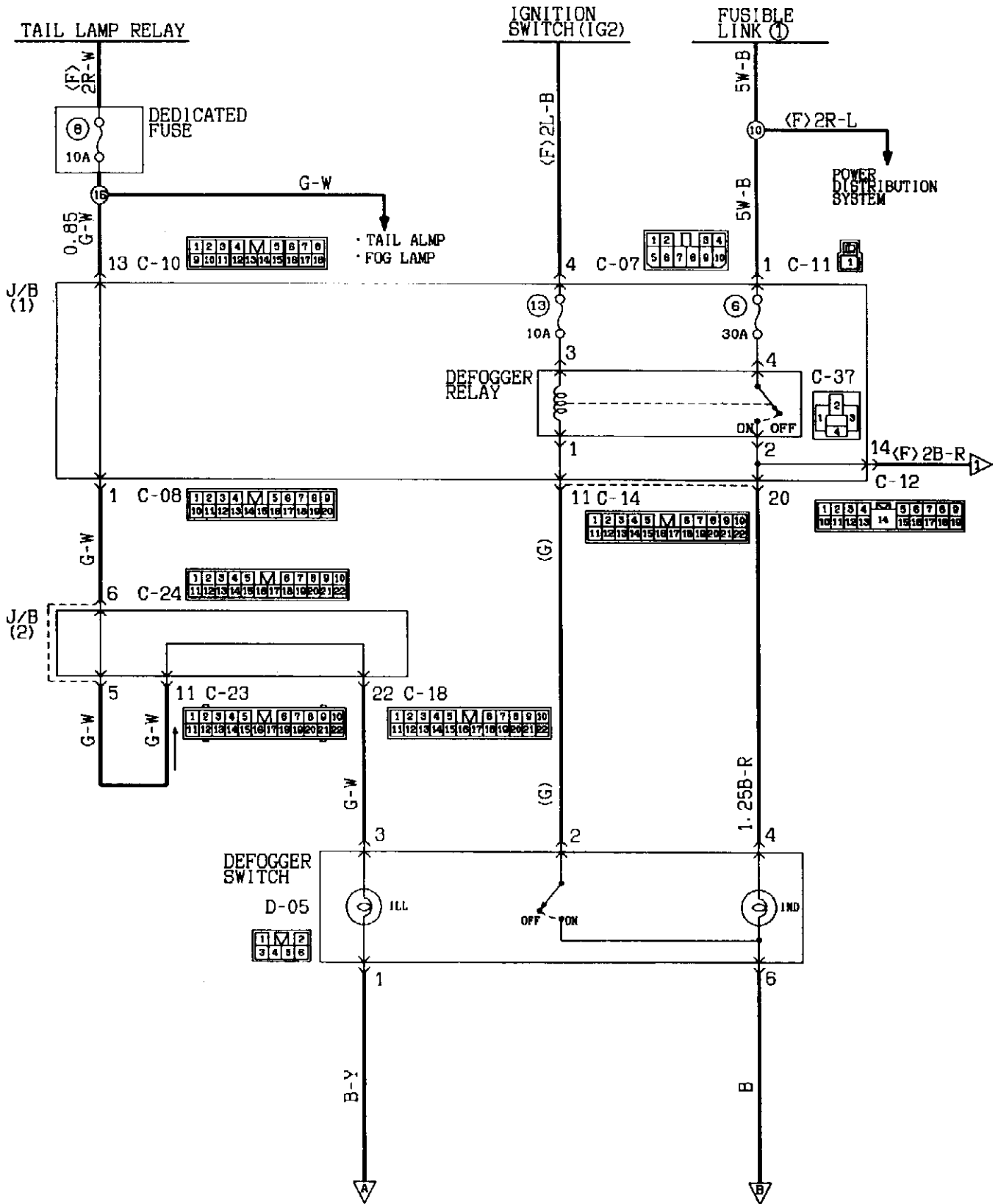


Wire colour code

B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

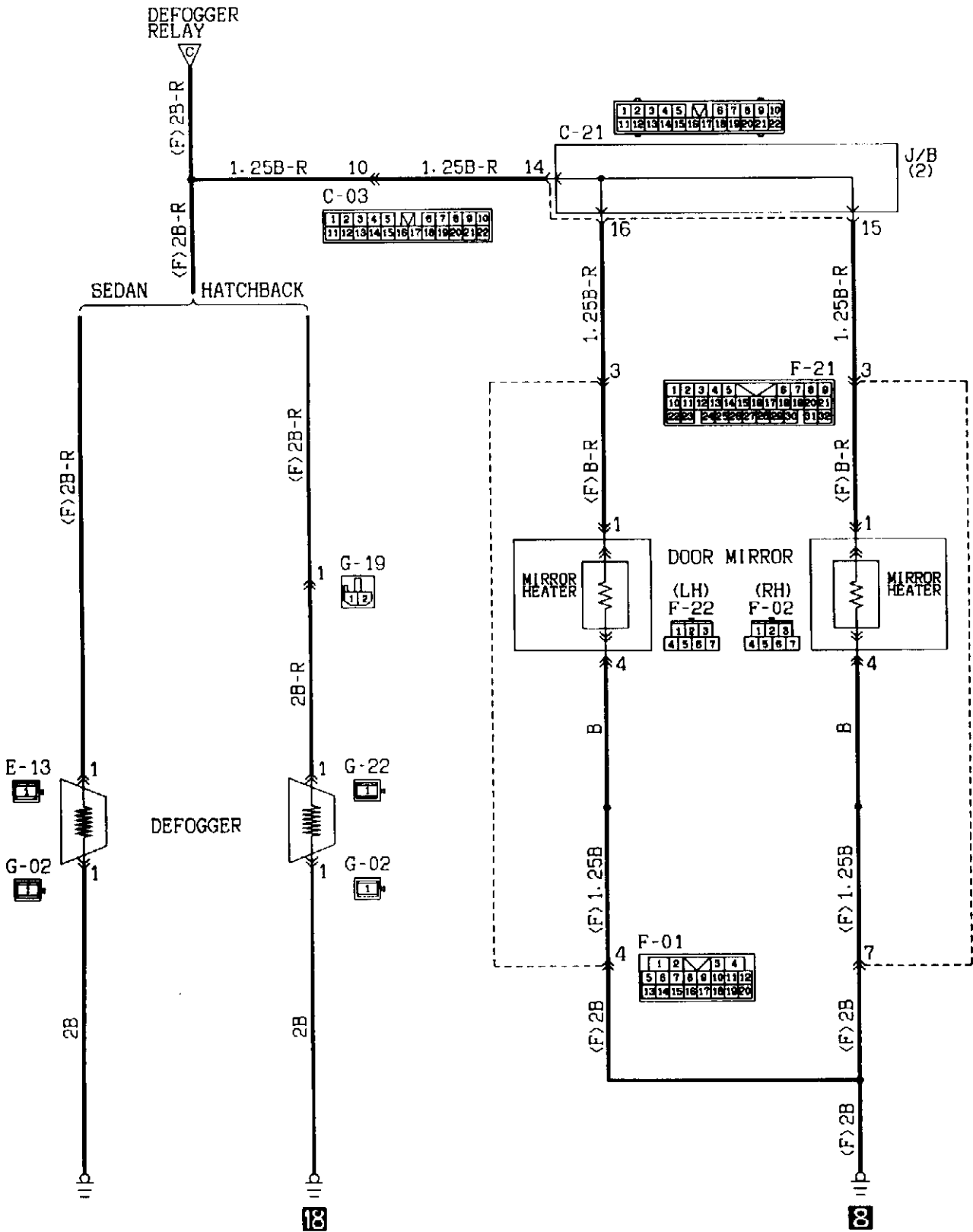
KX35-AC-F1301A-EC

DEFOGGER AND DOOR MIRROR HEATER  
R.H. drive vehicles without ETACS



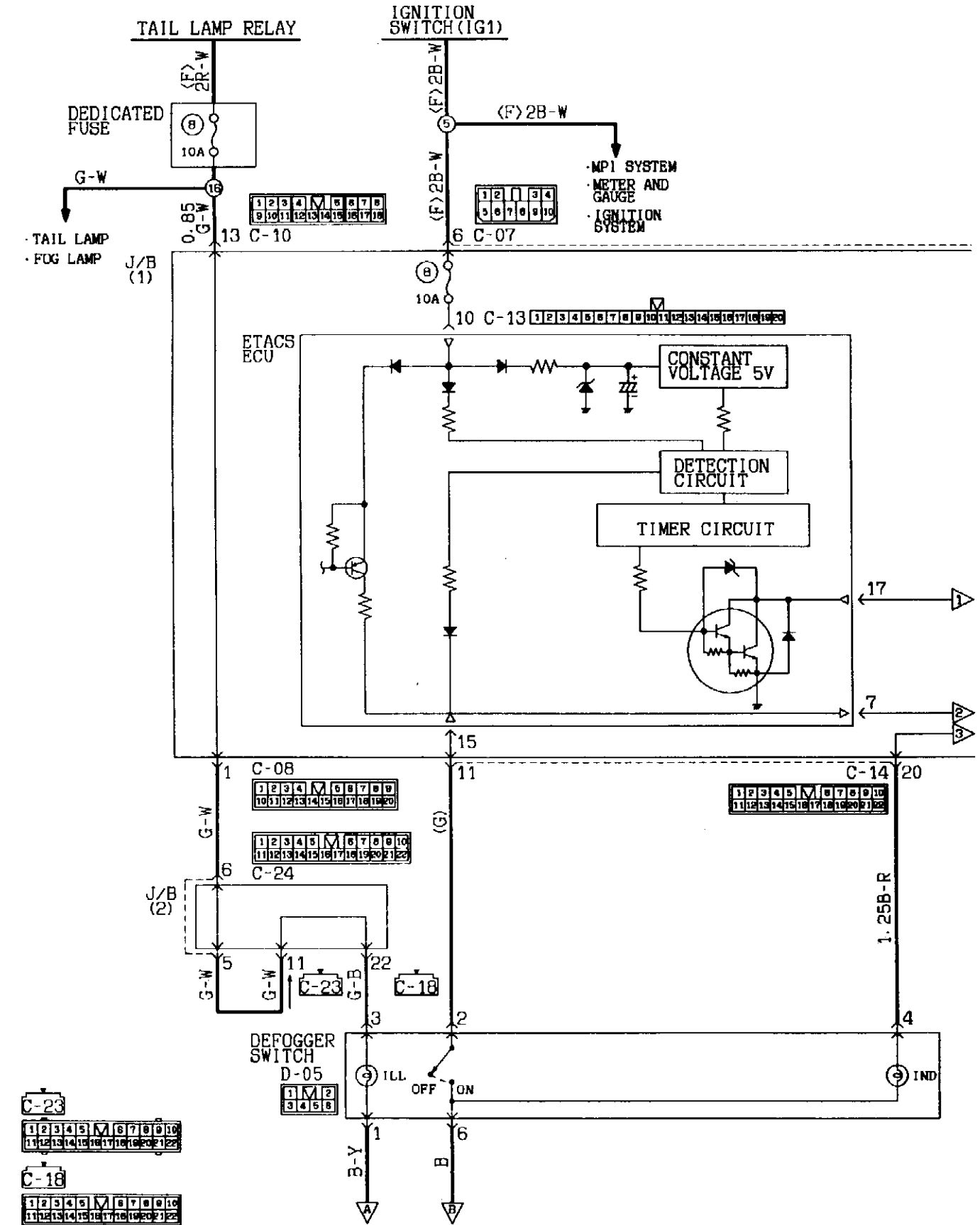
KX35-AC-F1302-2C



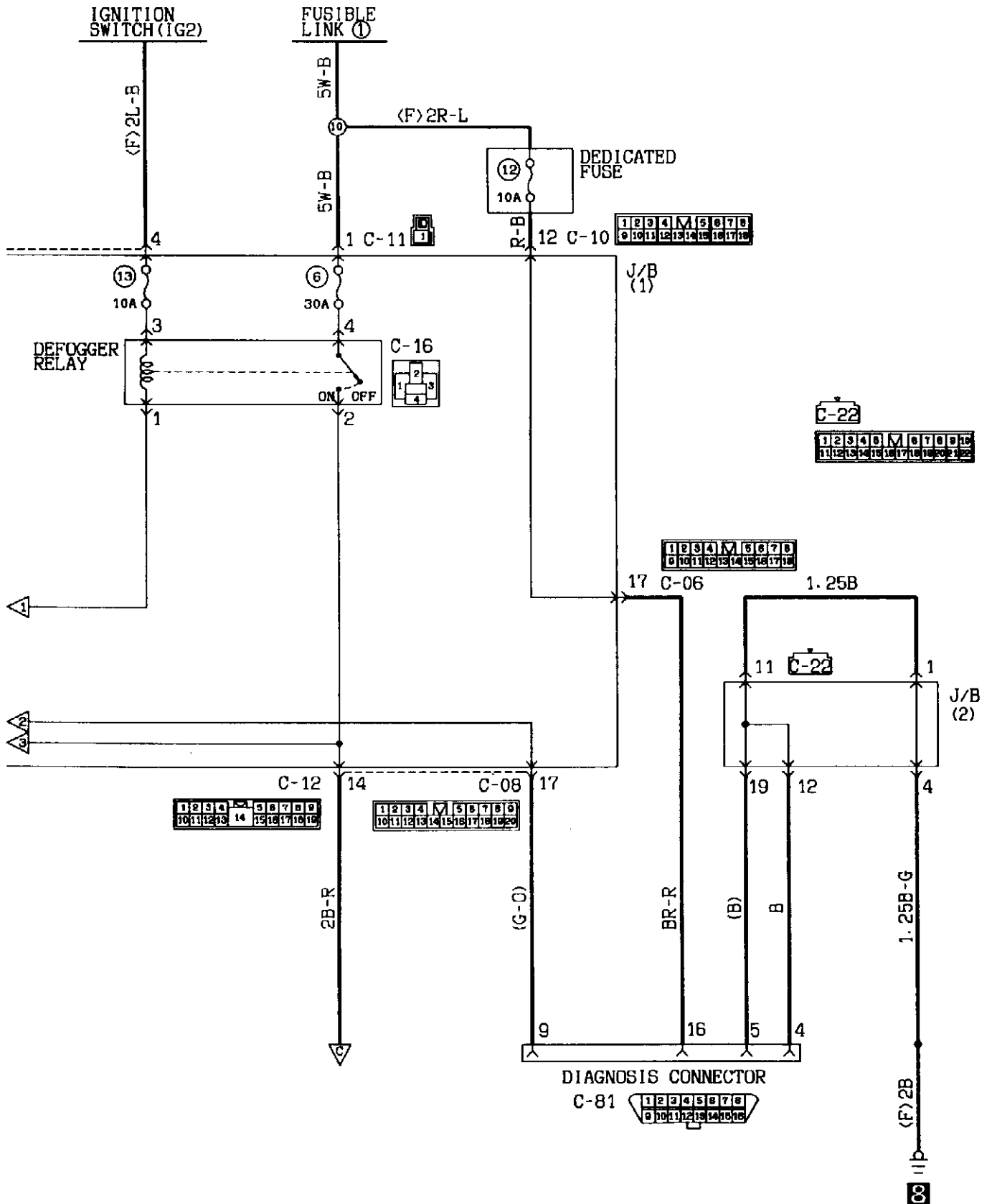


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

DEFOGGER AND DOOR MIRROR HEATER  
L.H. drive vehicles with ETACS



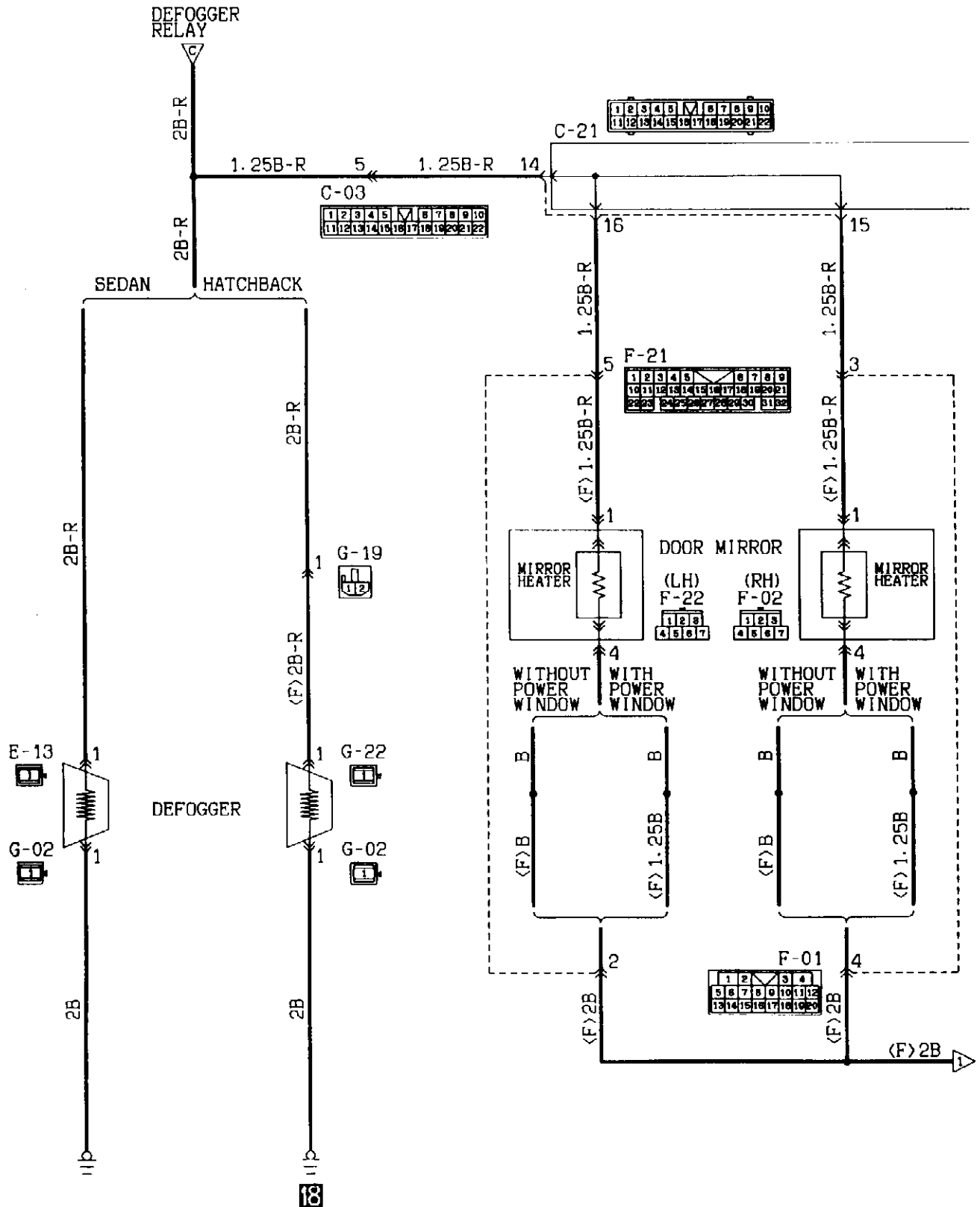
KX35-AC-F1303-EC

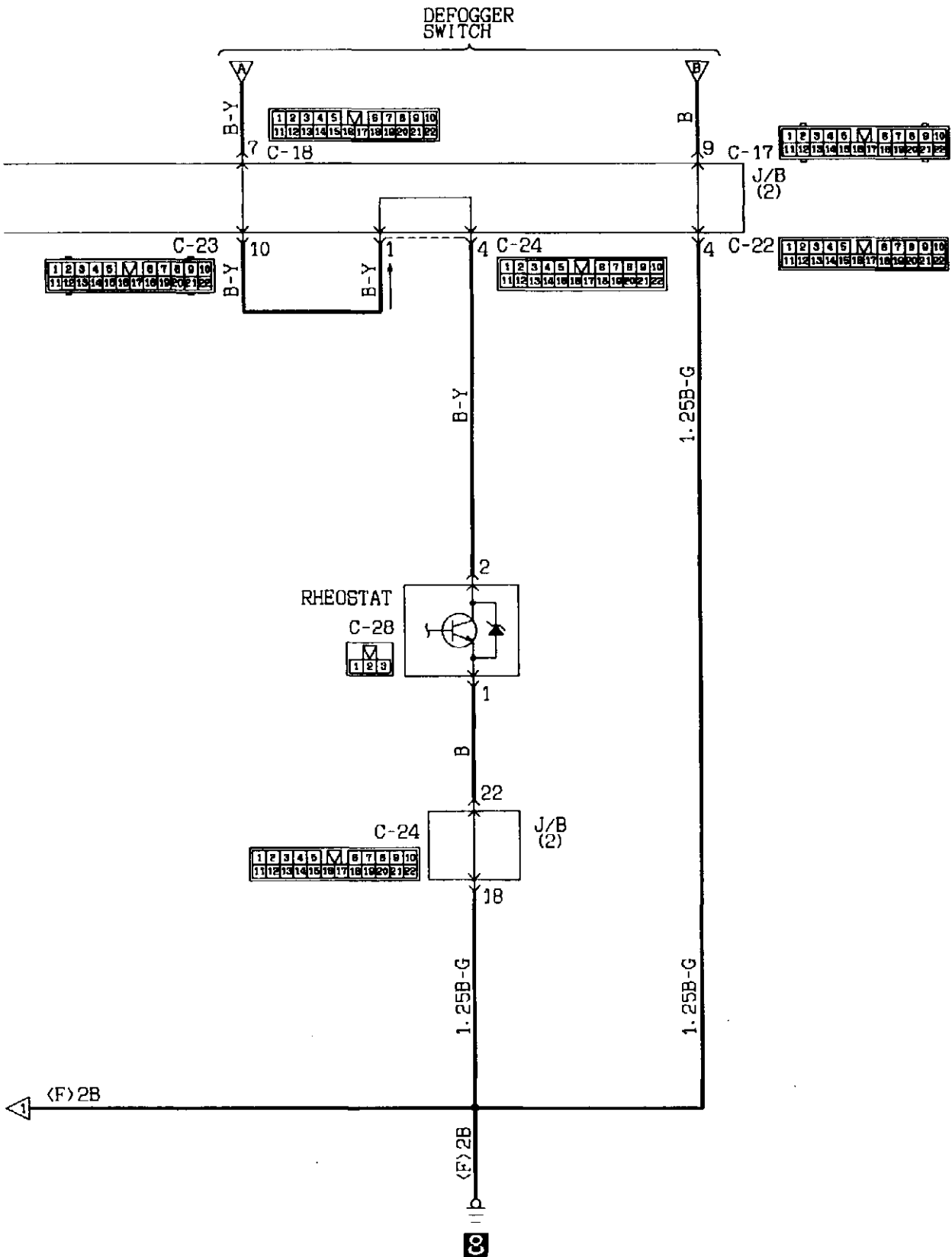


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



DEFOGGER AND DOOR MIRROR HEATER  
(L.H. drive vehicles with ETACS) (CONTINUED)

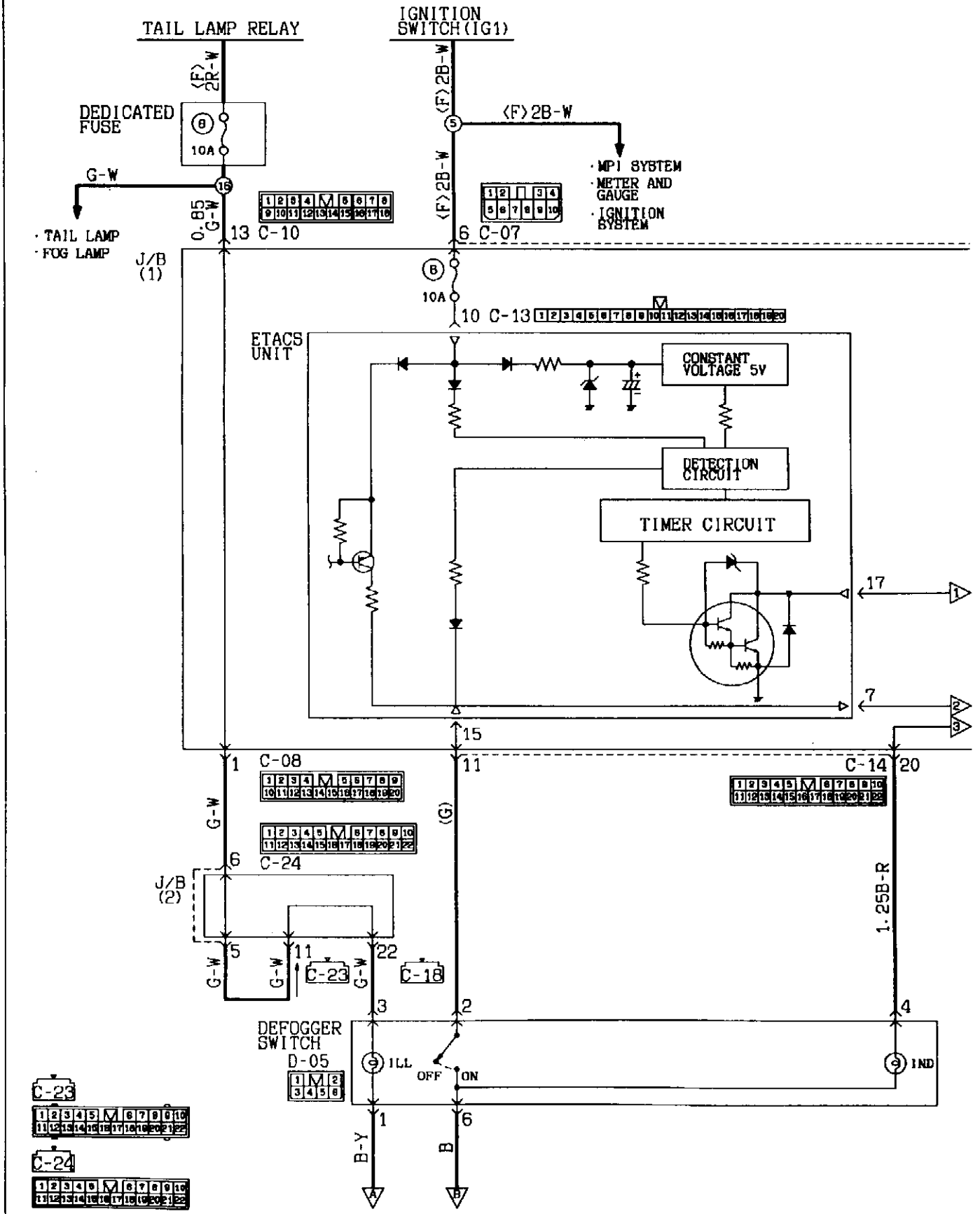




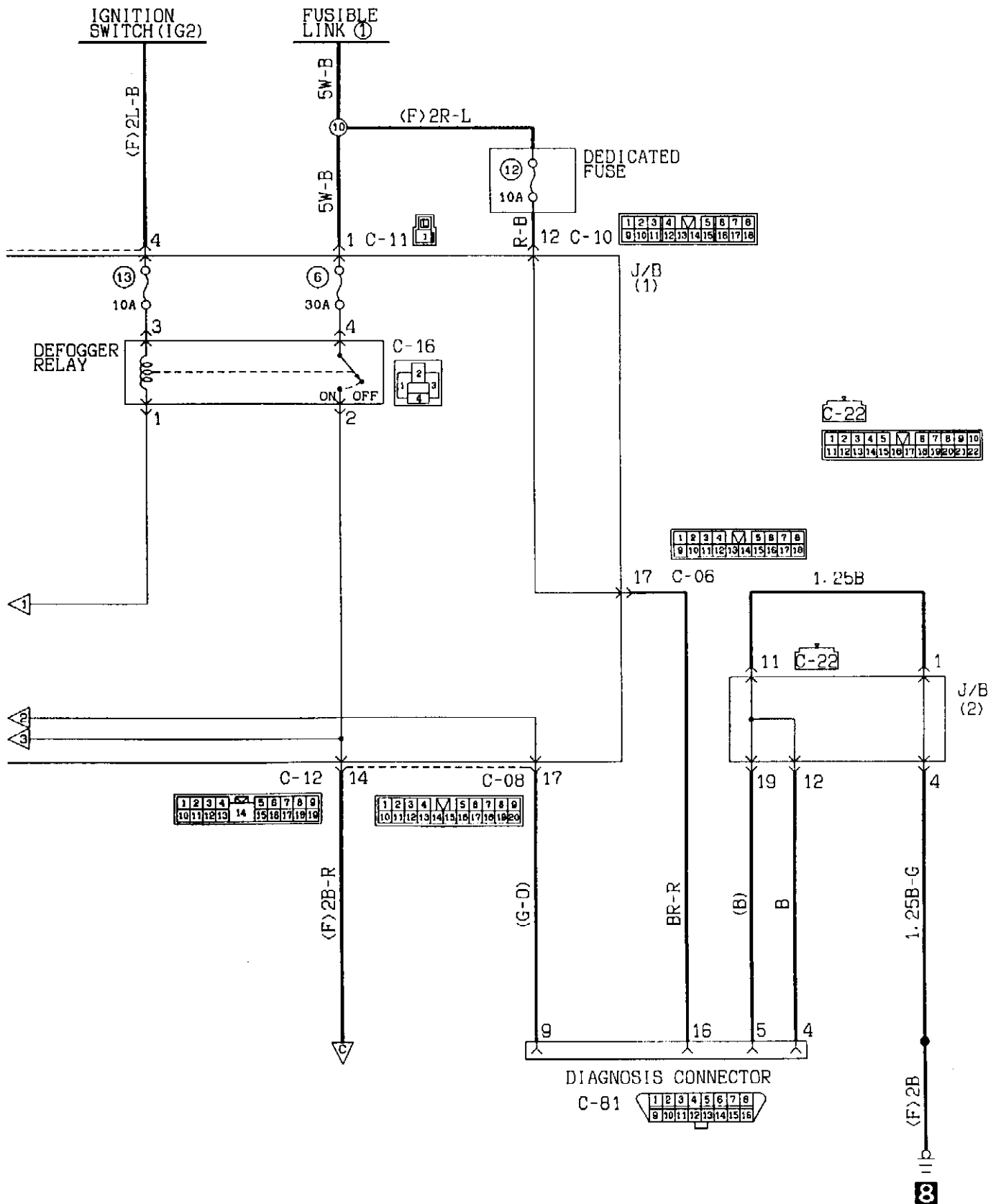
Wire colour code  
 B:Black    LG:Light green    G:Green    L:Blue    W:White    Y:Yellow    SB:Sky blue  
 BR:Brown    O:Orange    GR:Gray    R:Red    P:Pink    V:Violet

# DEFOGGER AND DOOR MIRROR HEATER

R. H. drive vehicles with ETACS

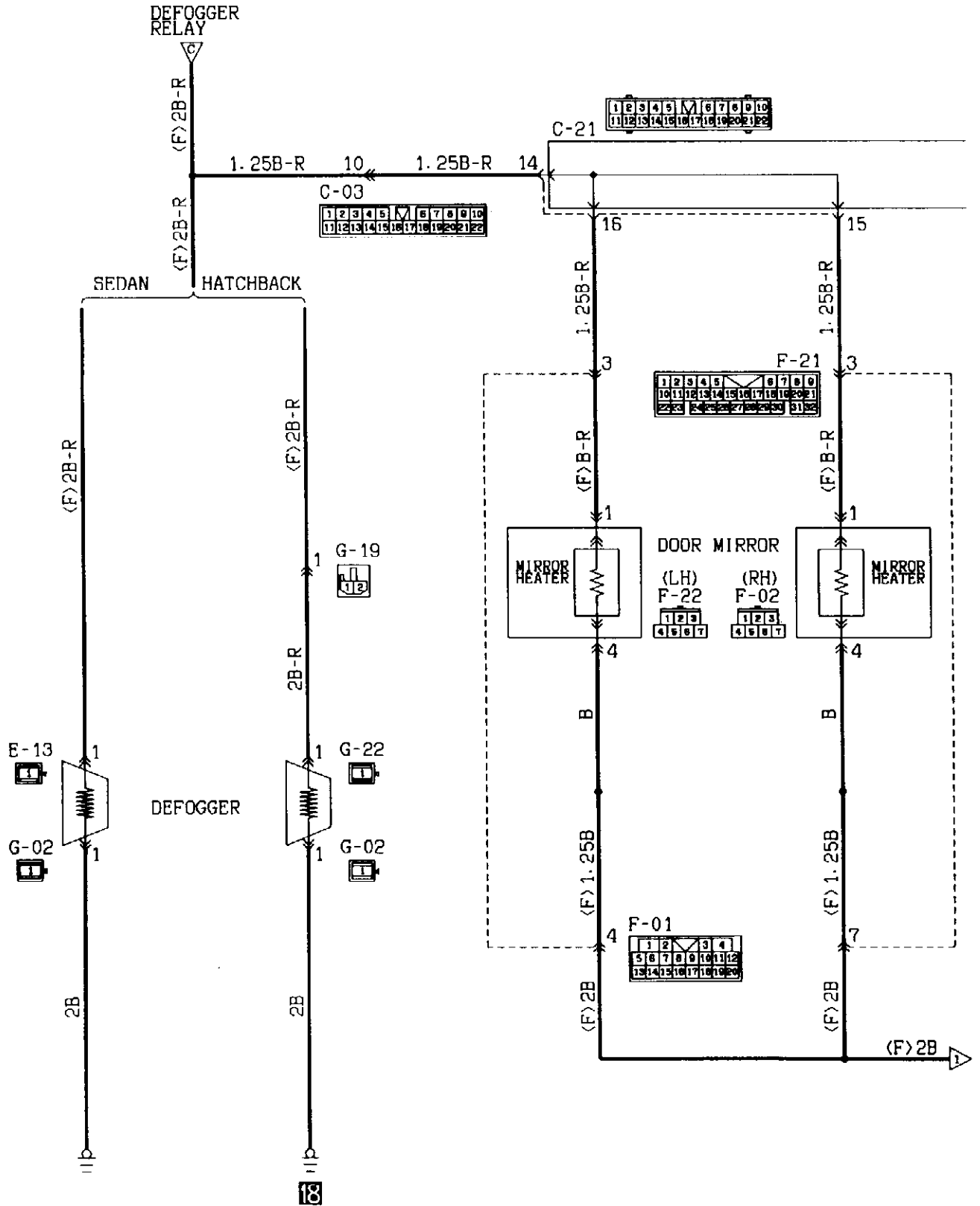


KX35-AC-F1304-EC



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

DEFOGGER AND DOOR MIRROR HEATER  
(R.H. drive vehicles with ETACS) (CONTINUED)

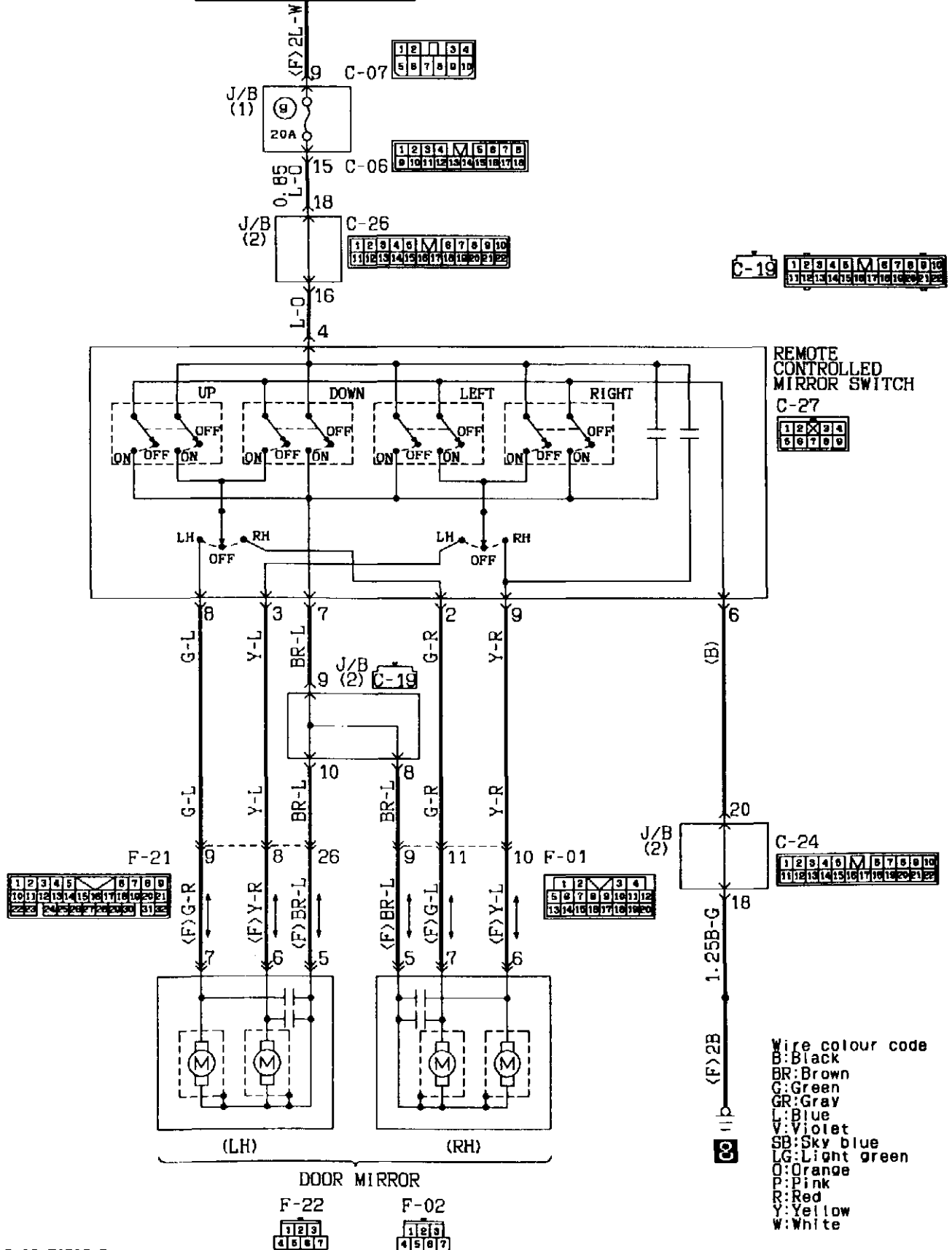




# REMOTE CONTROLLED MIRROR

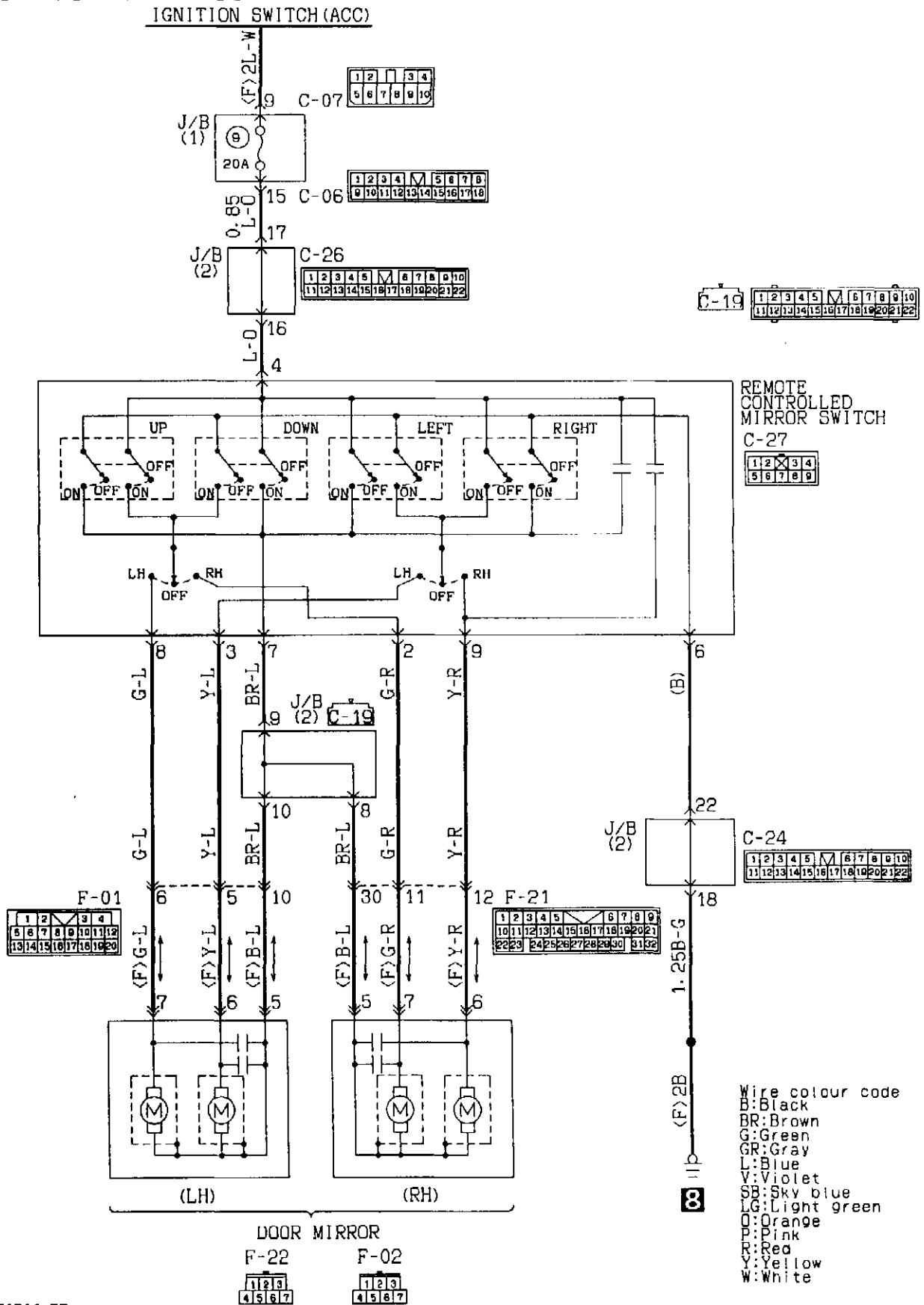
## L. H. drive vehicles

IGNITION SWITCH (ACC)



KX35-AC-F1306-E

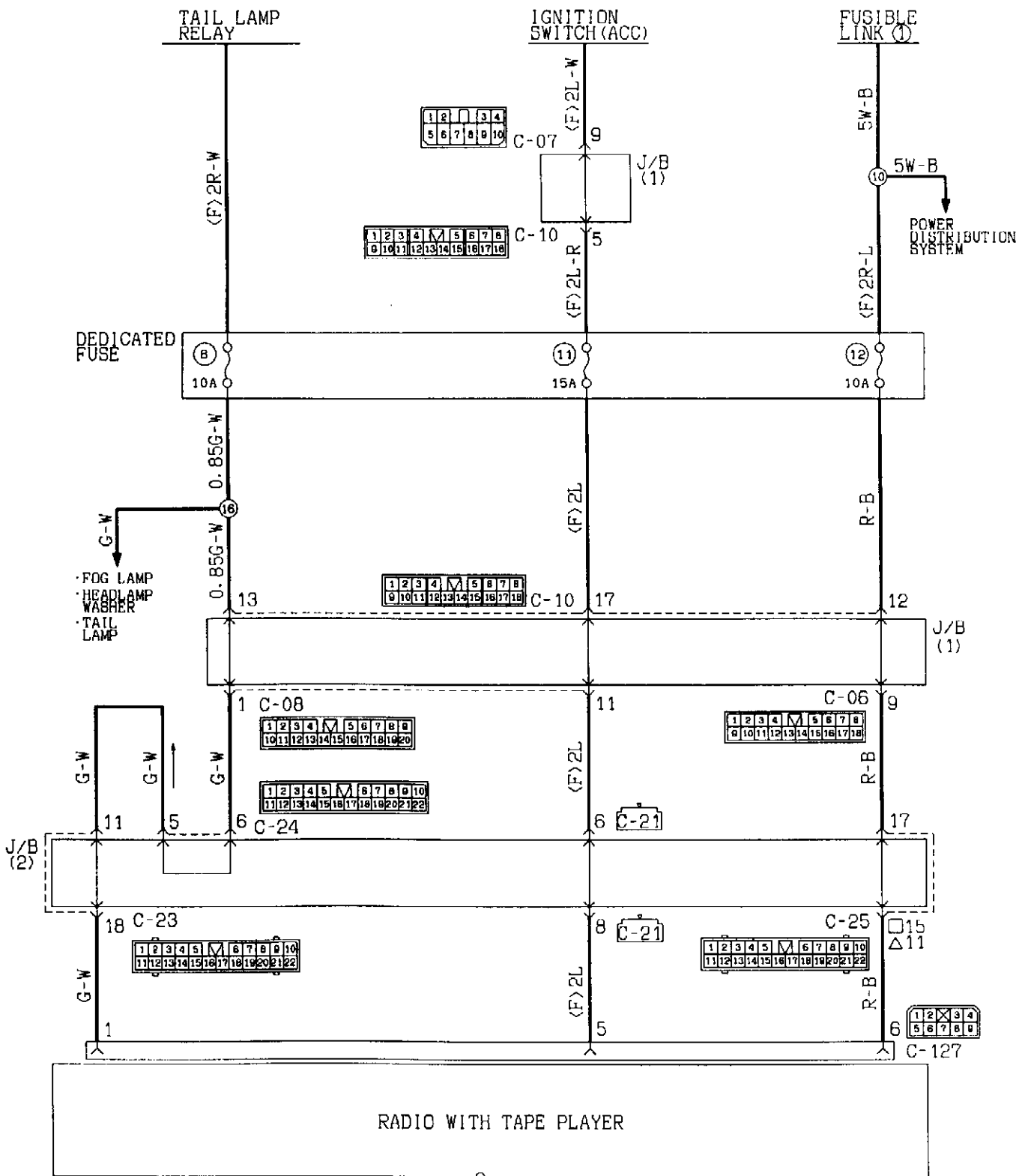
REMOTE CONTROLLED MIRROR  
R. H. drive vehicles



KX35-AC-F1314-EC



RADIO WITH TAPE PLAYER  
Pole antenna (Sedan)

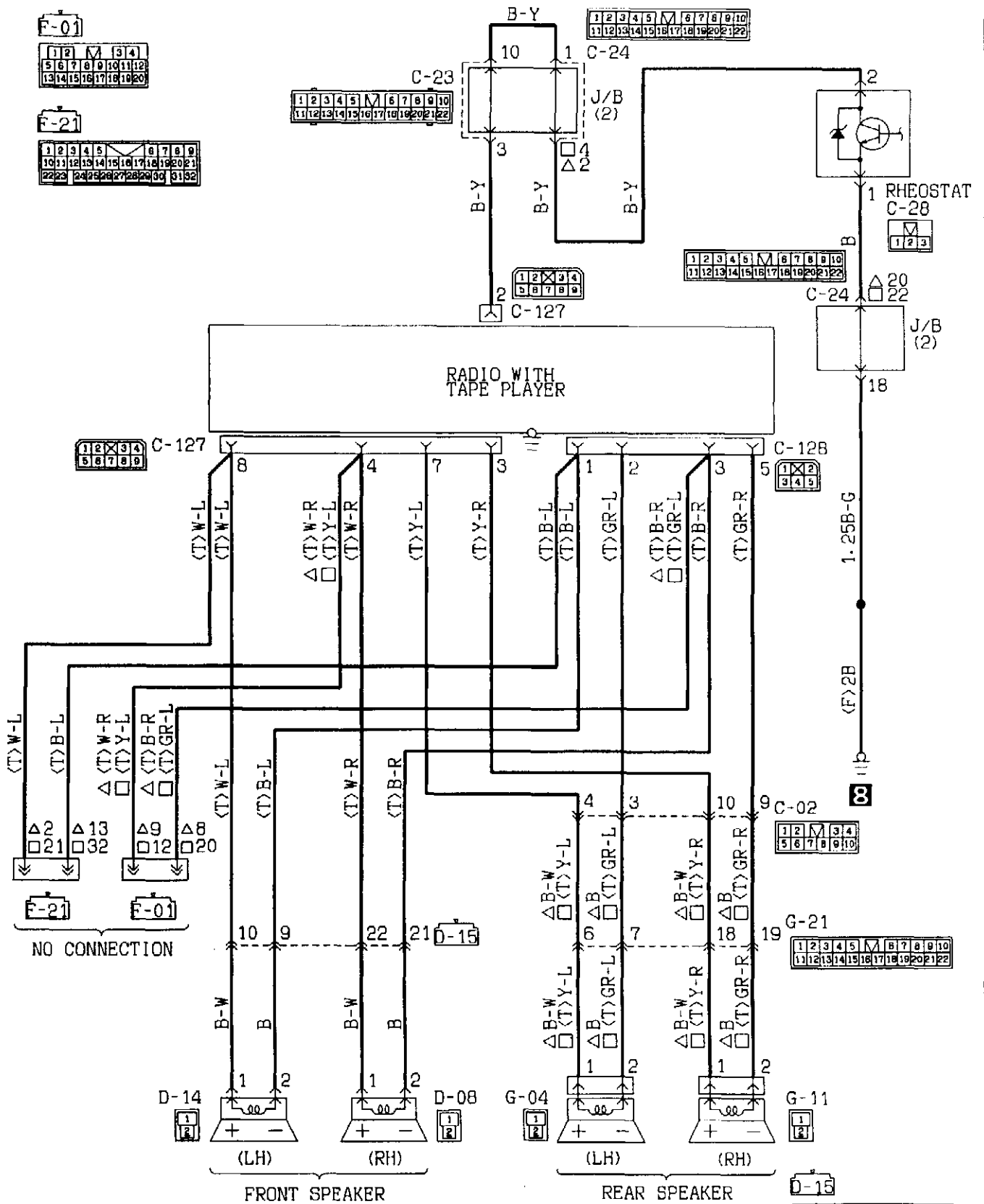


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



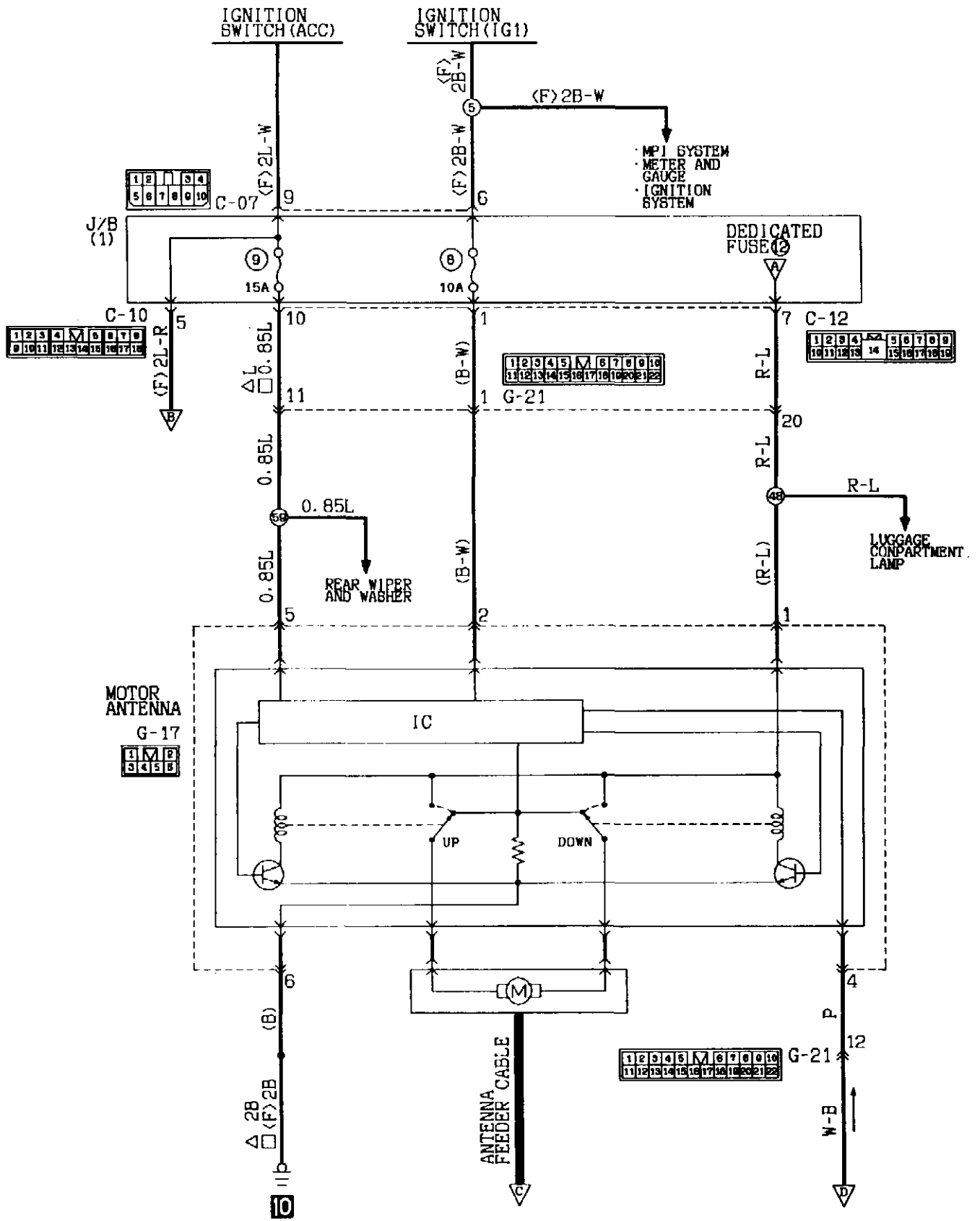






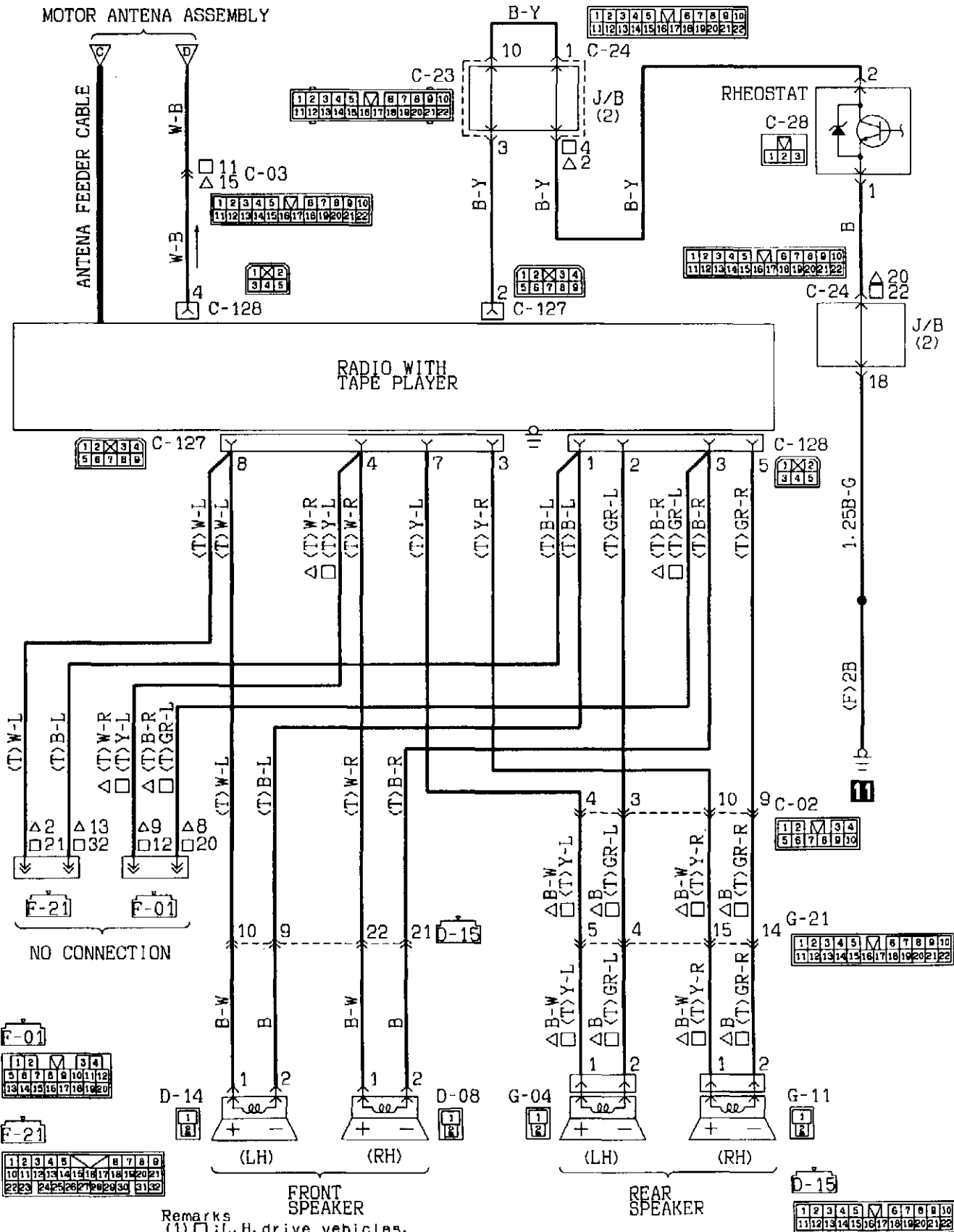
Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.





Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

RADIO WITH TAPE PLAYER (MOTOR ANTENA) (SEDAN) (CONTINUED)



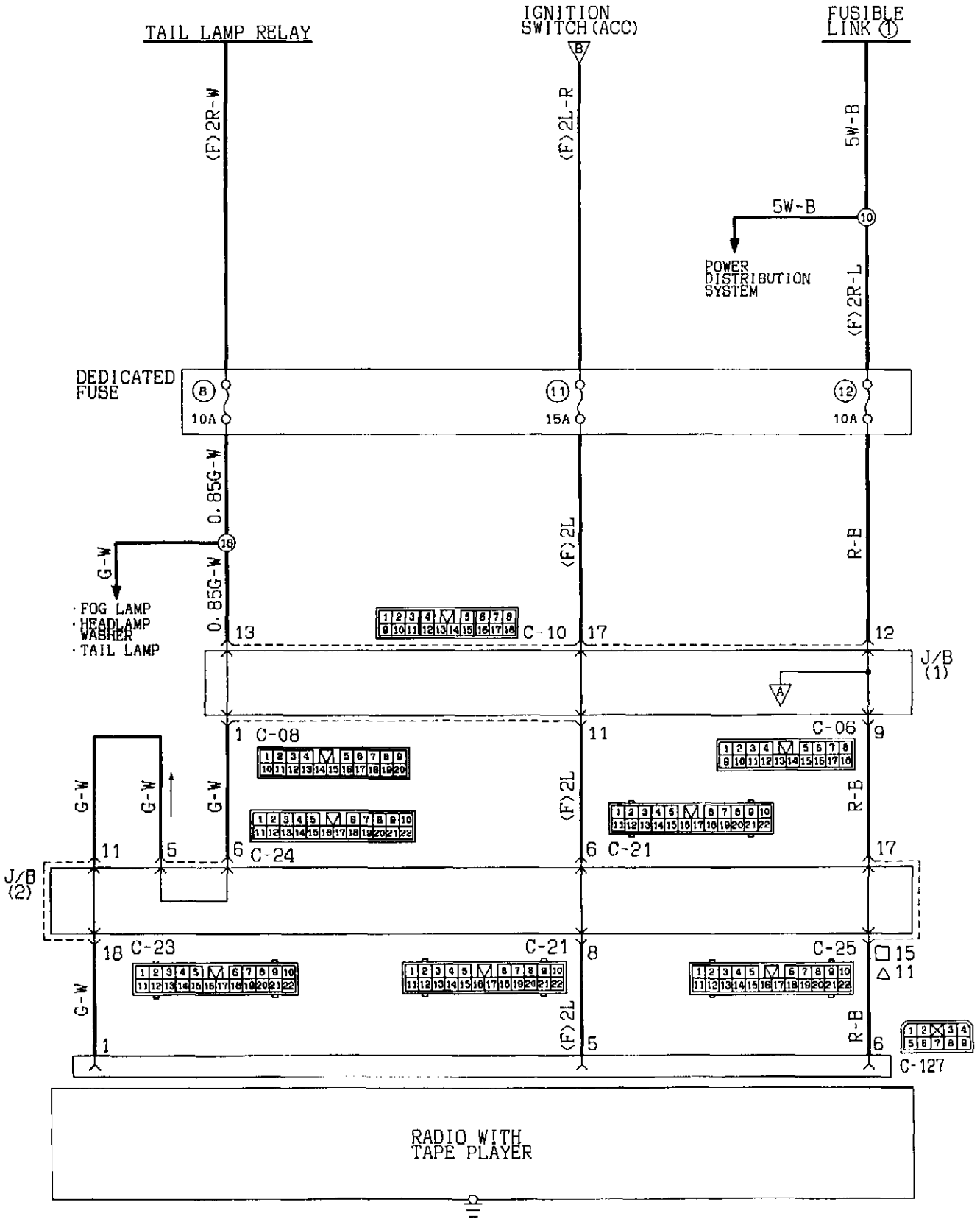
Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.

KX35-AC-F1410A-EC

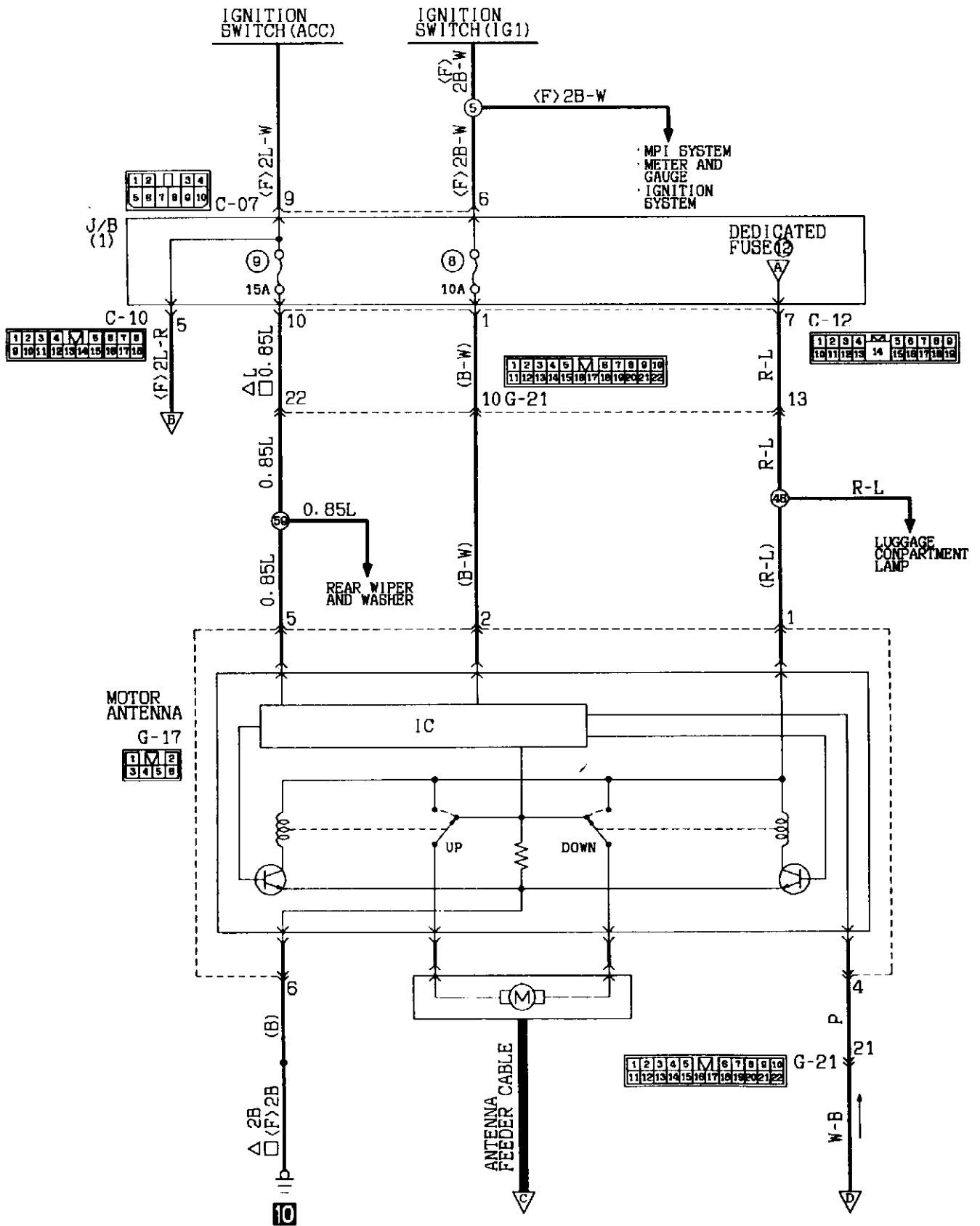
**NOTES**



RADIO WITH TAPE PLAYER  
Moter antenna (Hatchback)

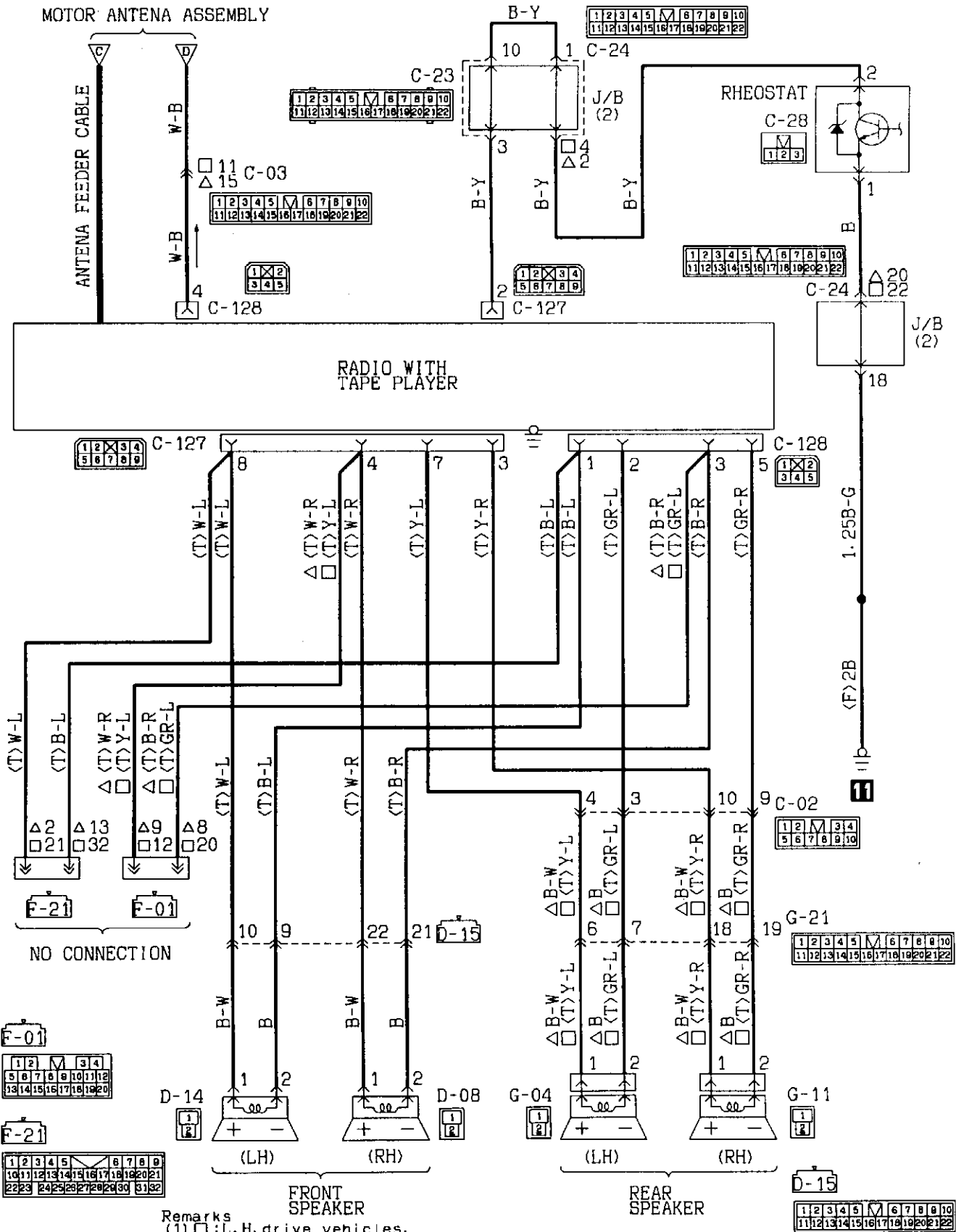


KX35-AC-F 1400-EC



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow BB:Sky blue  
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RADIO WITH TAPE PLAYER (MOTOR ANTENNA) (HATCHBACK) (CONTINUED)

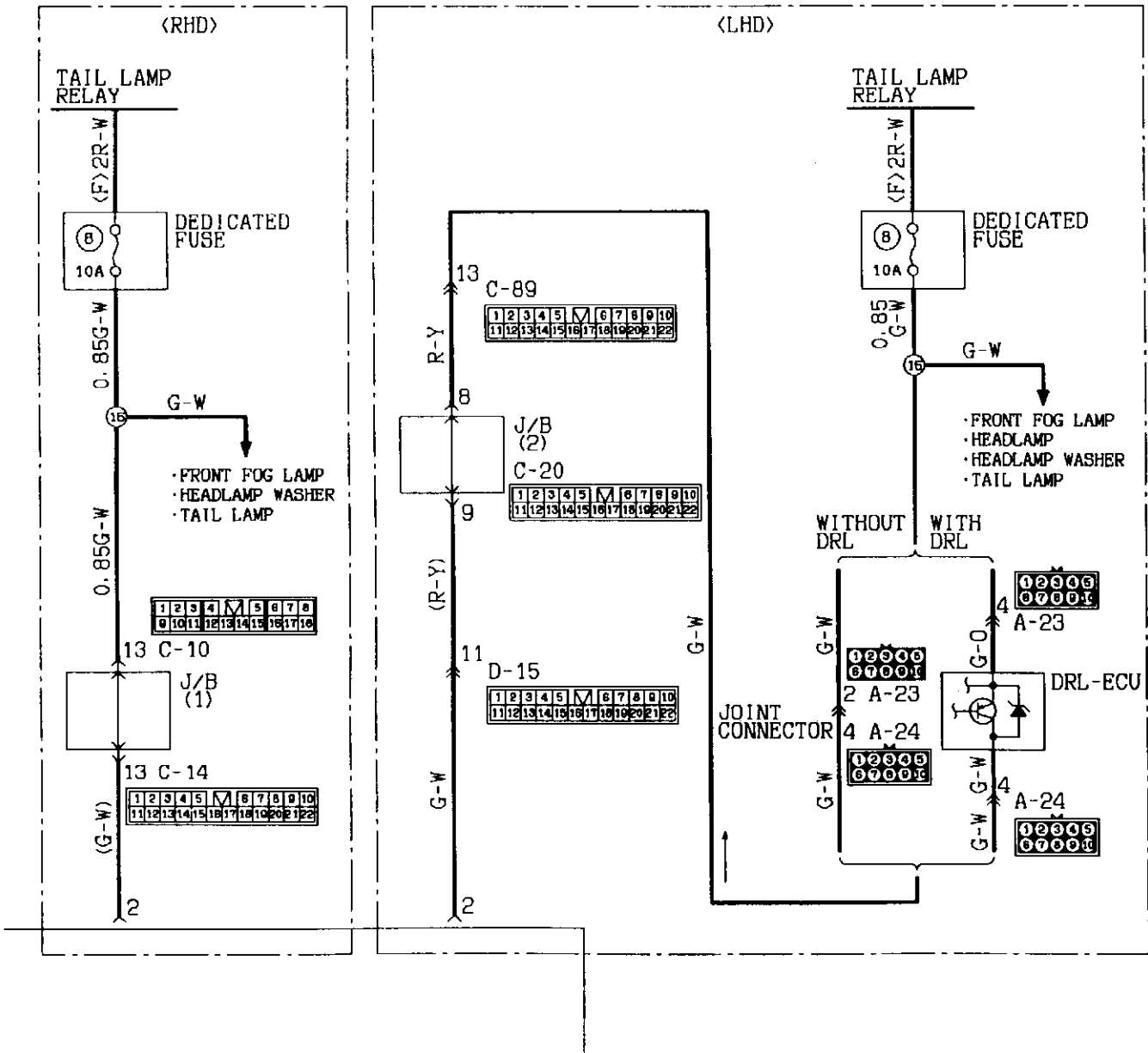


Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.

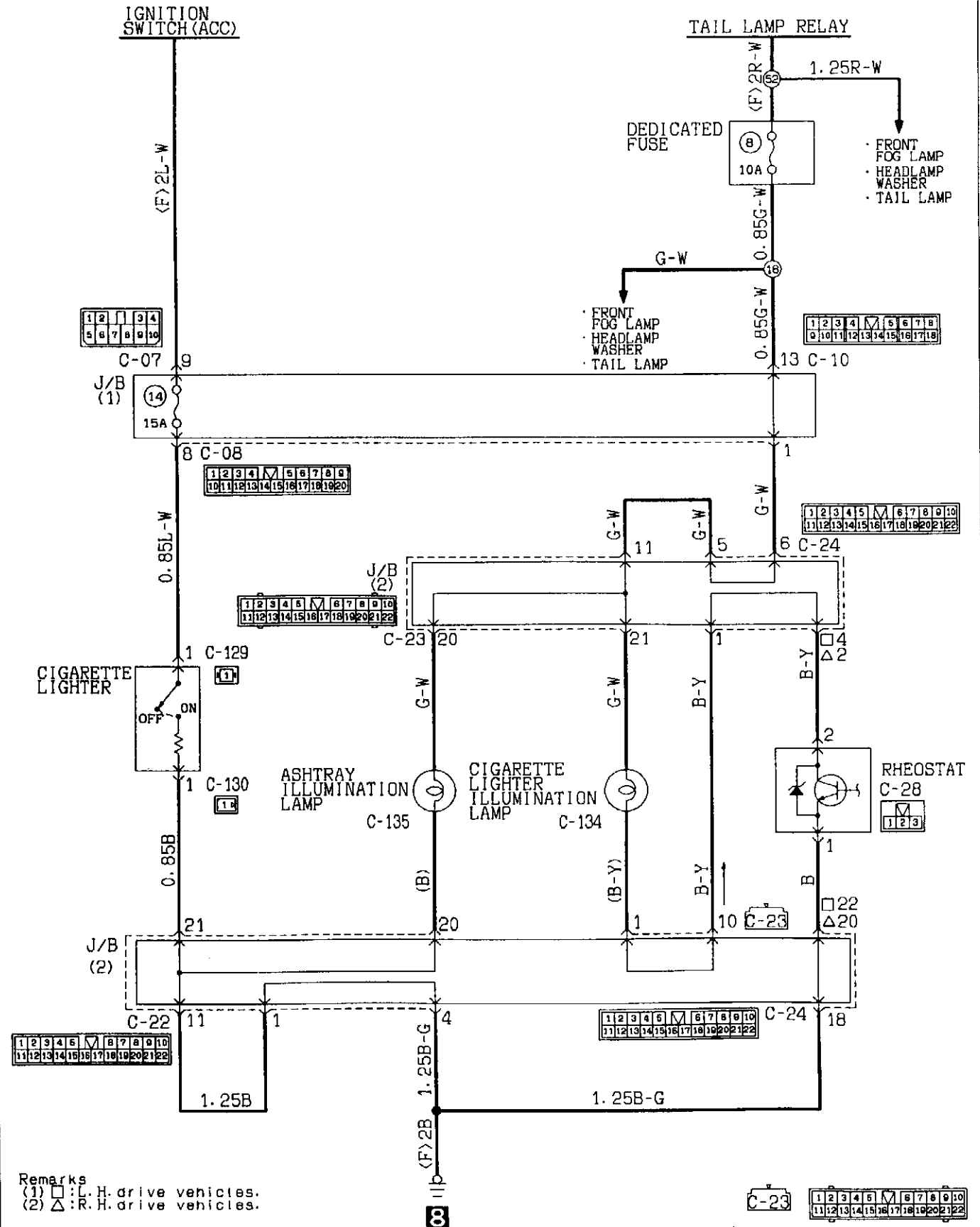
KX35-AC-F1409A-EC



CLOCK (CONTINUED)



CIGARETTE LIGHTER

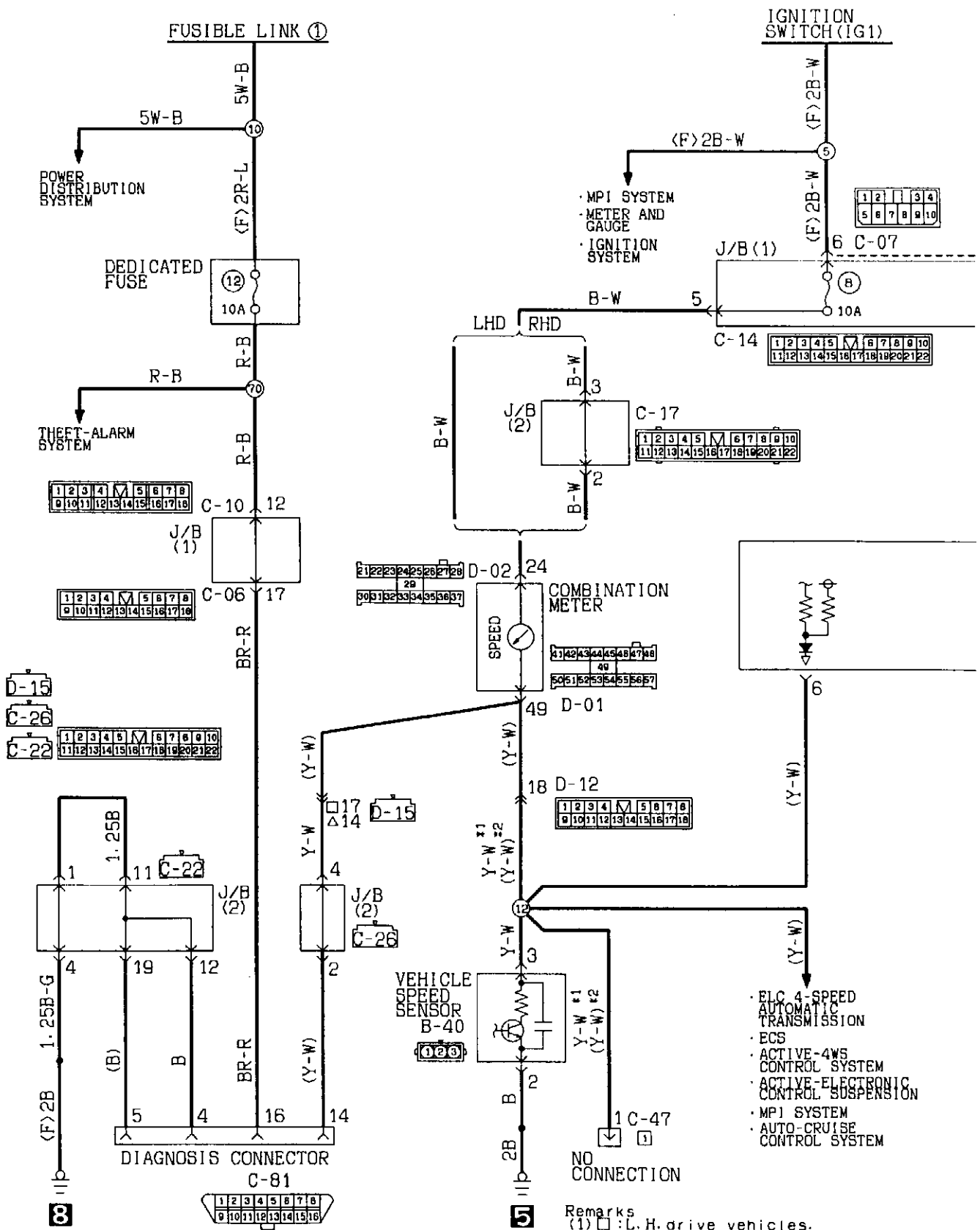


Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.

Wire colour code  
 B: Black LG: Light green G: Green L: Blue W: White Y: Yellow SB: Sky blue  
 BR: Brown O: Orange GR: Gray R: Red P: Pink V: Violet

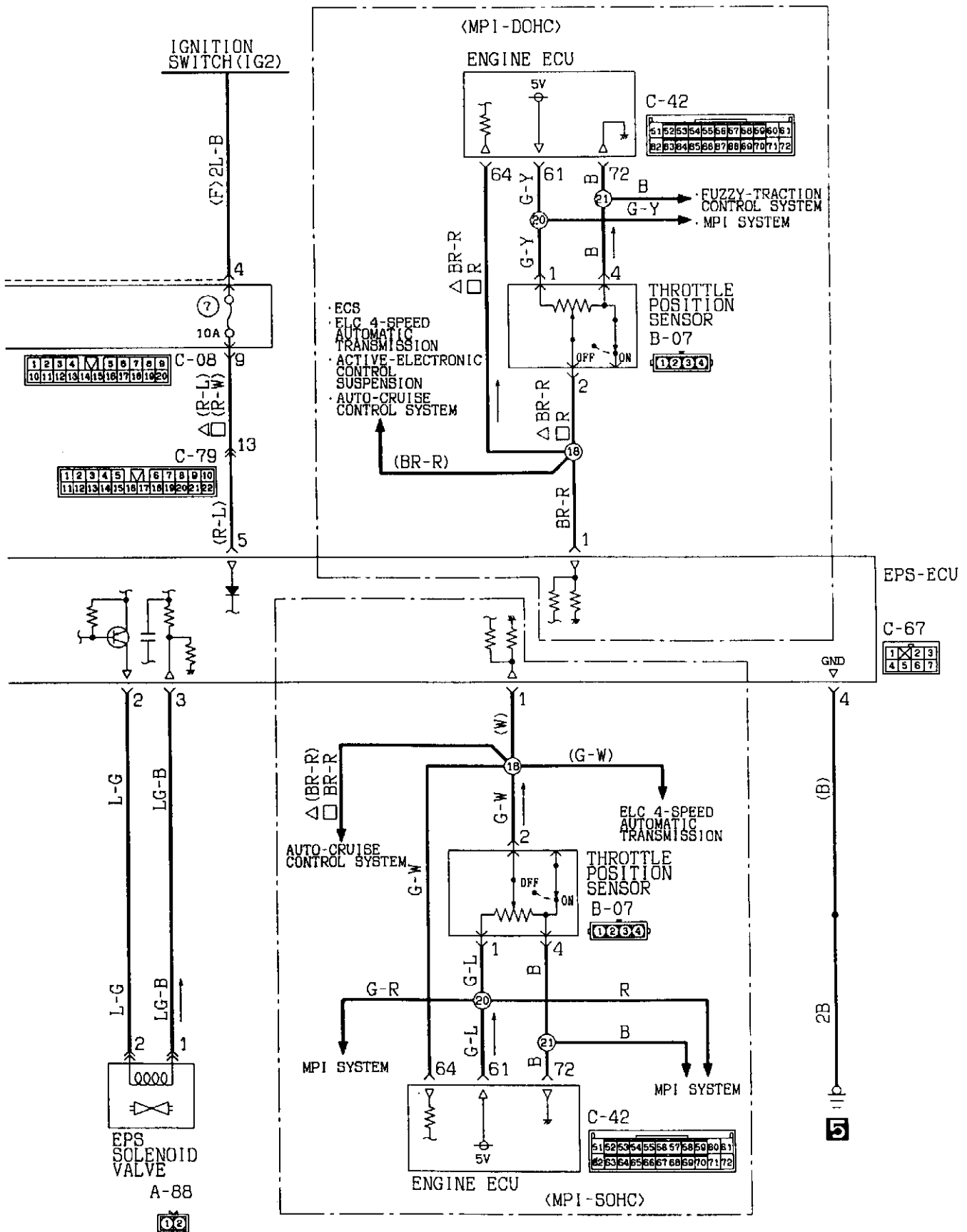
KX35-AC-F1407-EC

ELECTRONIC CONTROL POWER STEERING



Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.  
 (3) \*1: DOHC (L. H. drive vehicles)  
 (4) \*2: SOHC, DOHC (R. H. drive vehicles)

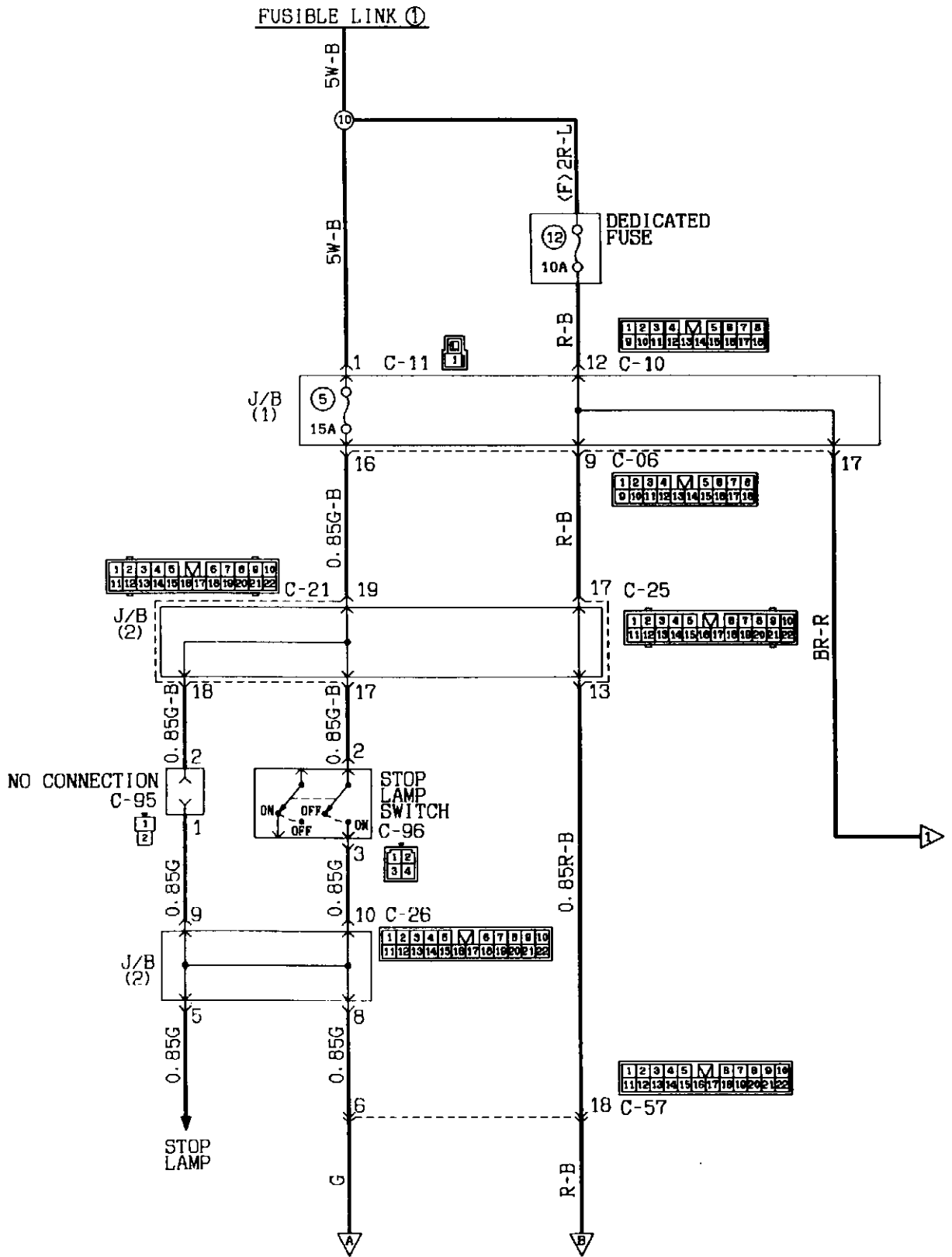
KX35-AC-F1531-EC



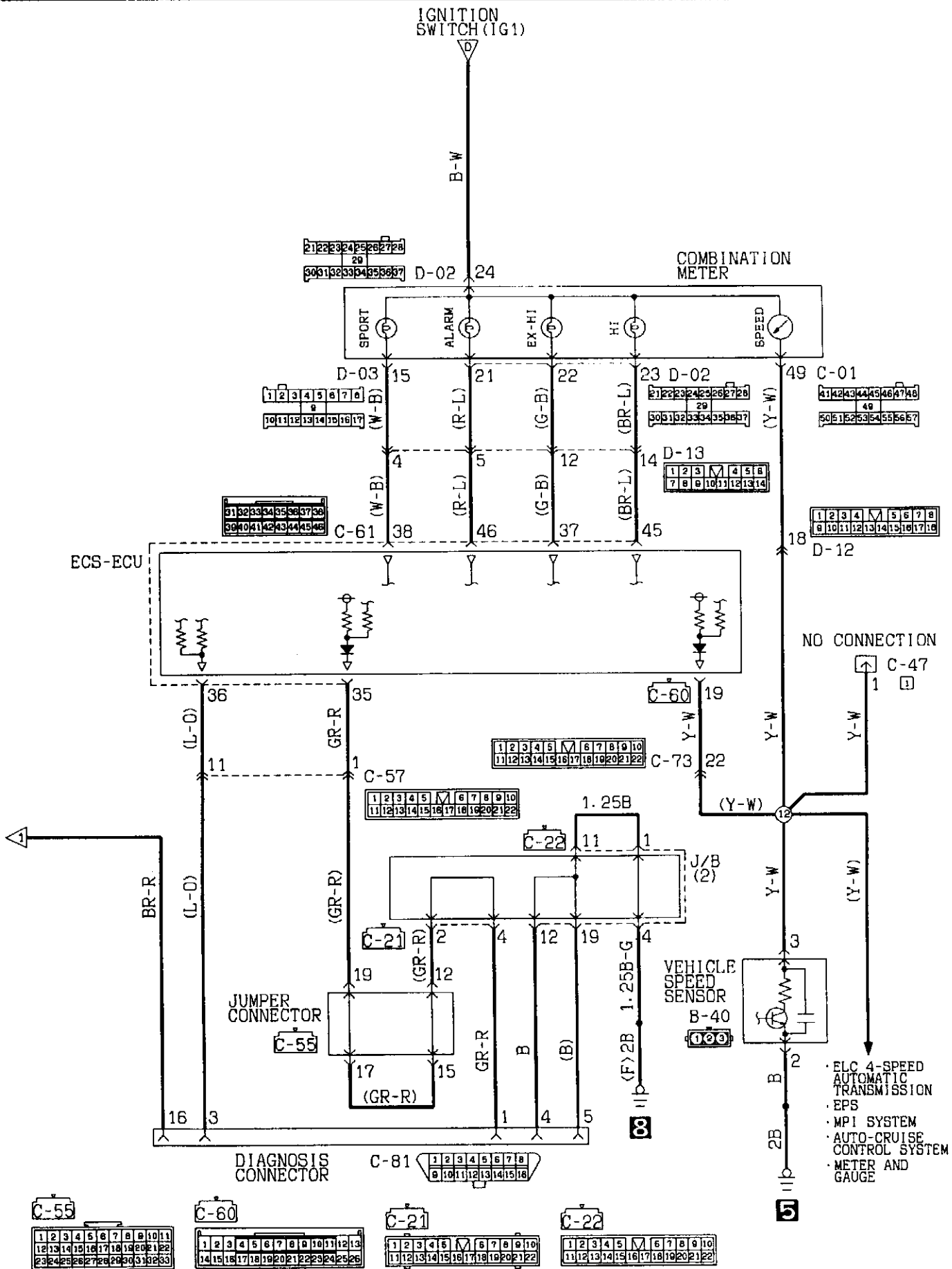
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



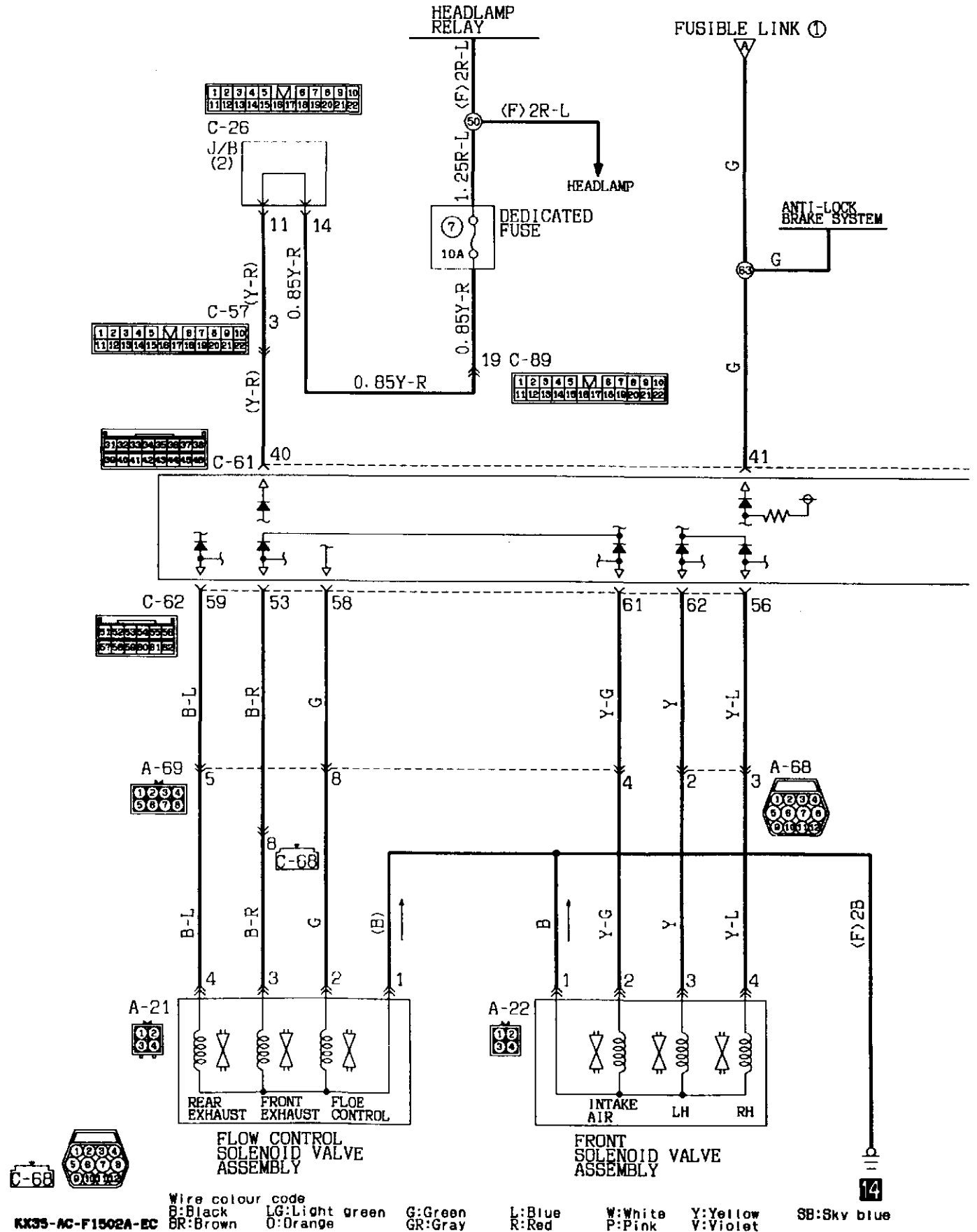
ACTIVE-ELECTRONIC CONTROL SUSPENSION  
L.H. drive vehicles



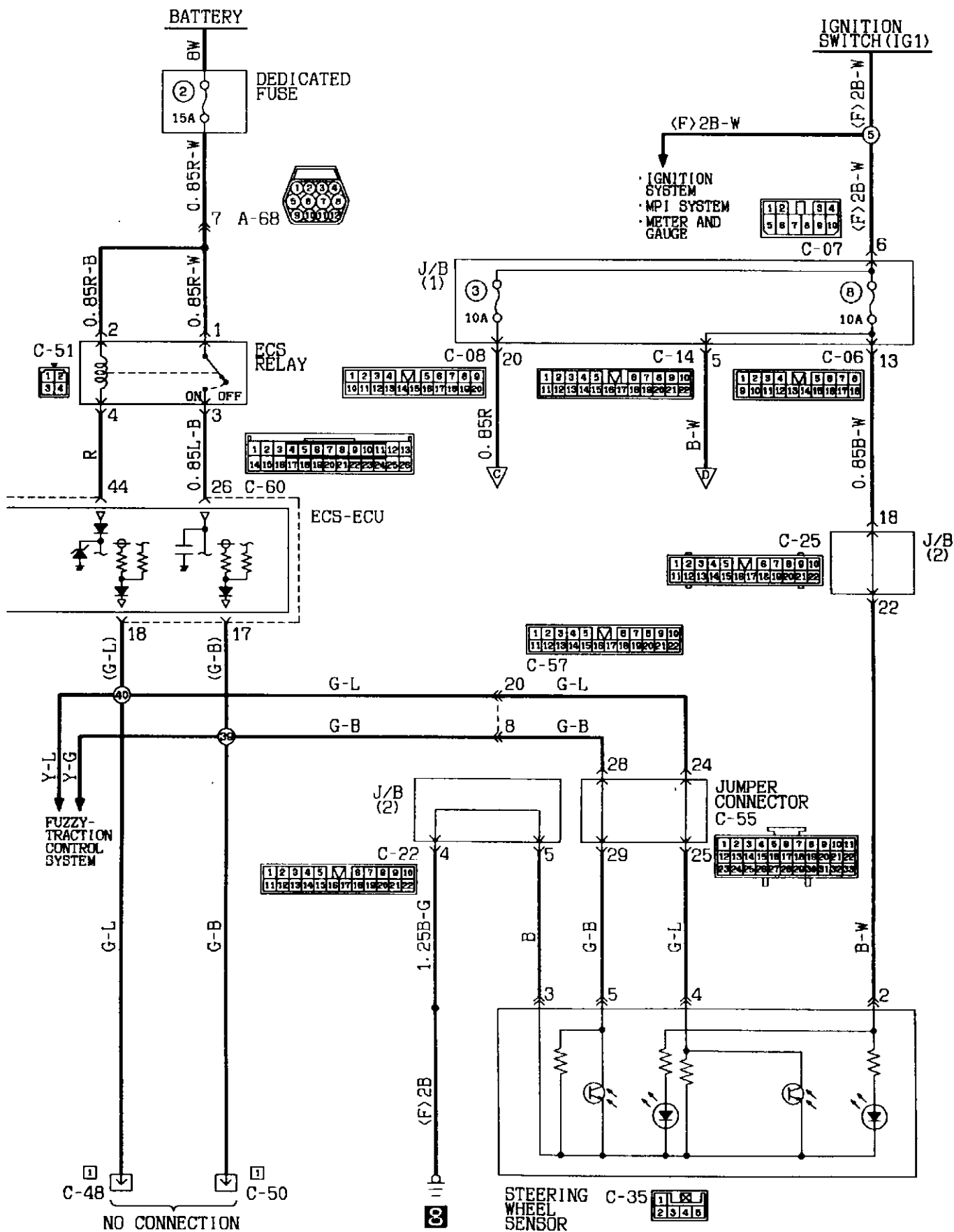
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



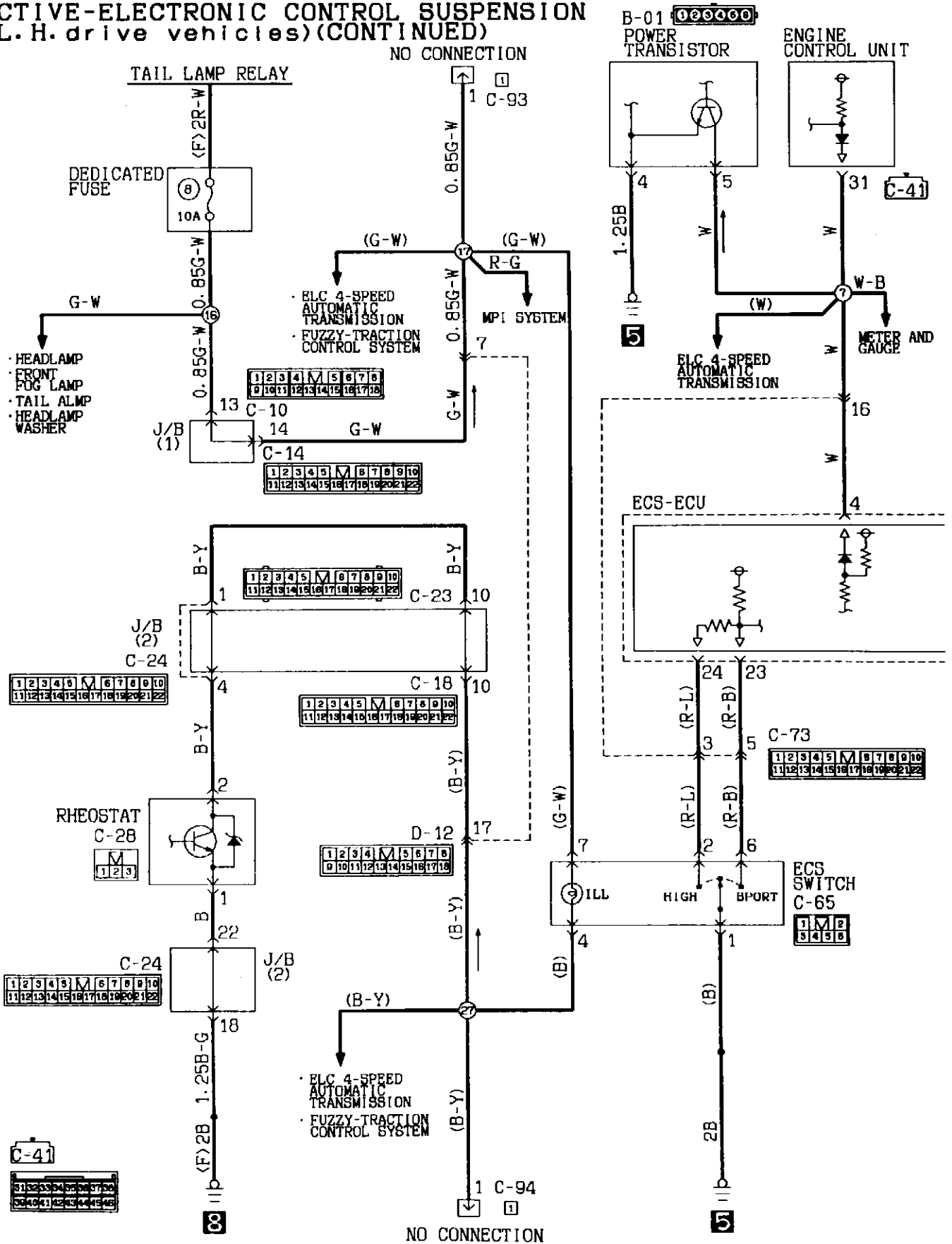
ACTIVE-ELECTRONIC CONTROL SUSPENSION  
(L.H. drive vehicles)(CONTINUED)



Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet SB:Sky blue

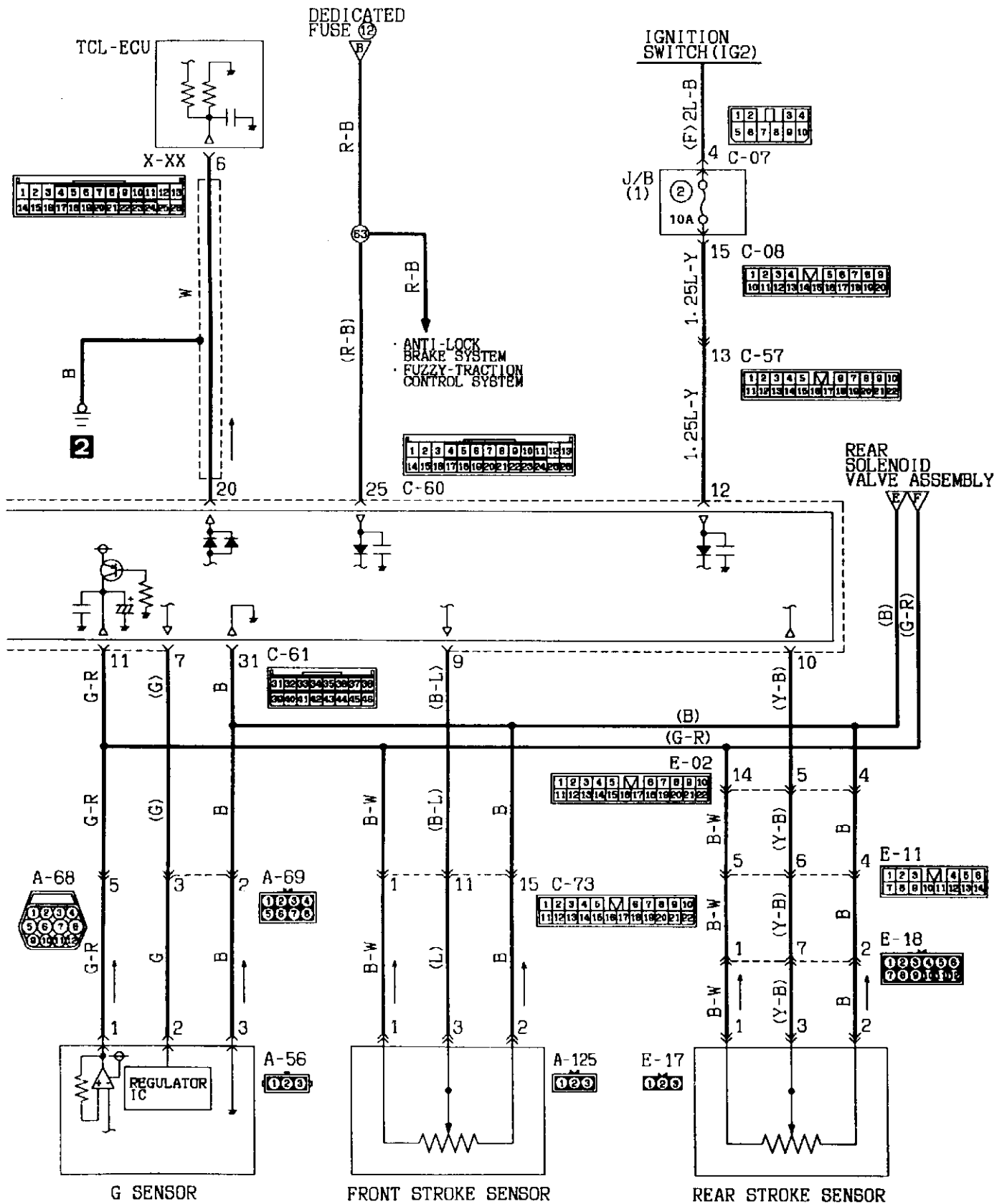


ACTIVE-ELECTRONIC CONTROL SUSPENSION  
(L.H. drive vehicles)(CONTINUED)

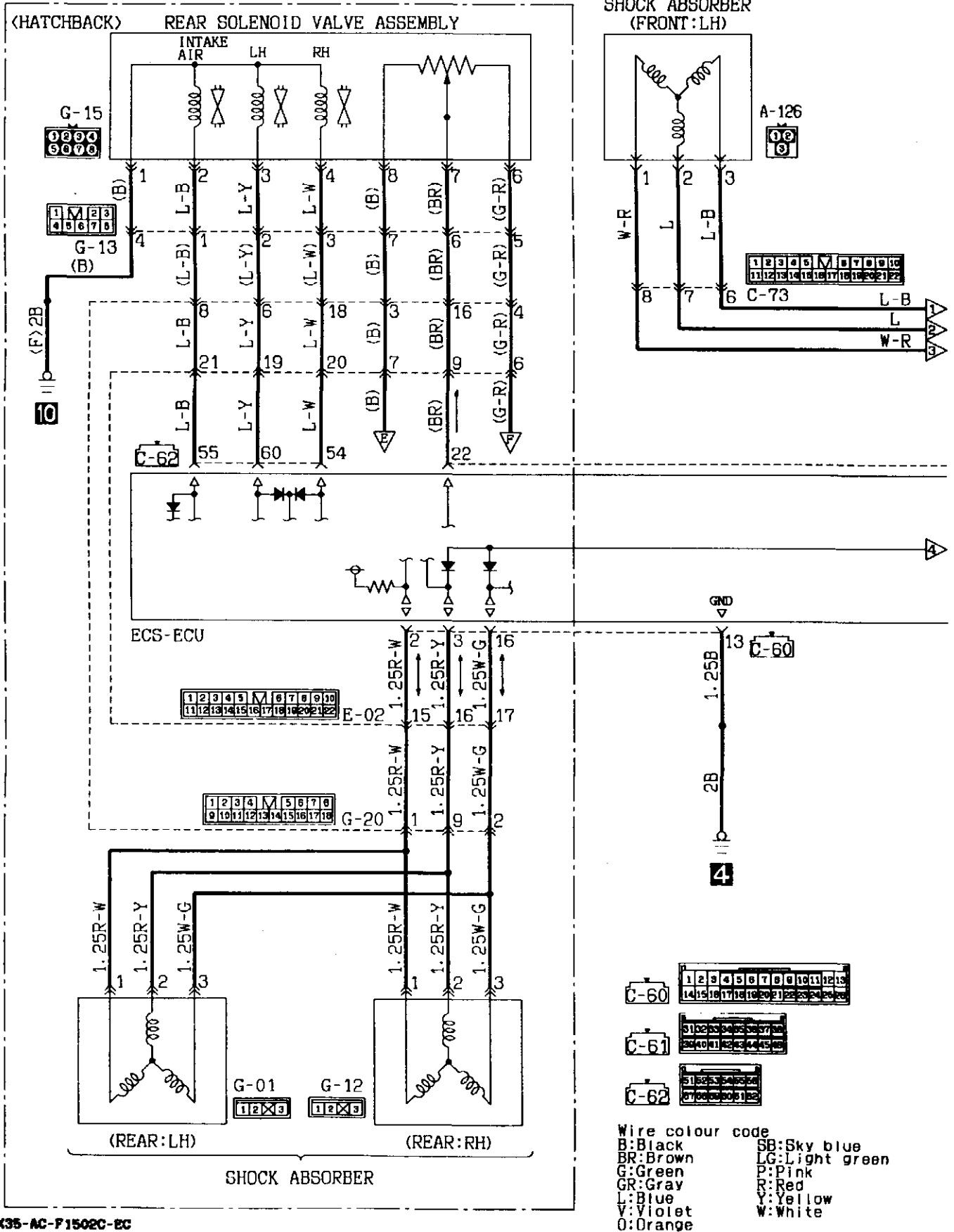


Wire colour code  
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 BR:Brown D:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F1502B-EC



ACTIVE-ELECTRONIC CONTROL SUSPENSION  
(L.H. drive vehicles)(CONTINUED)

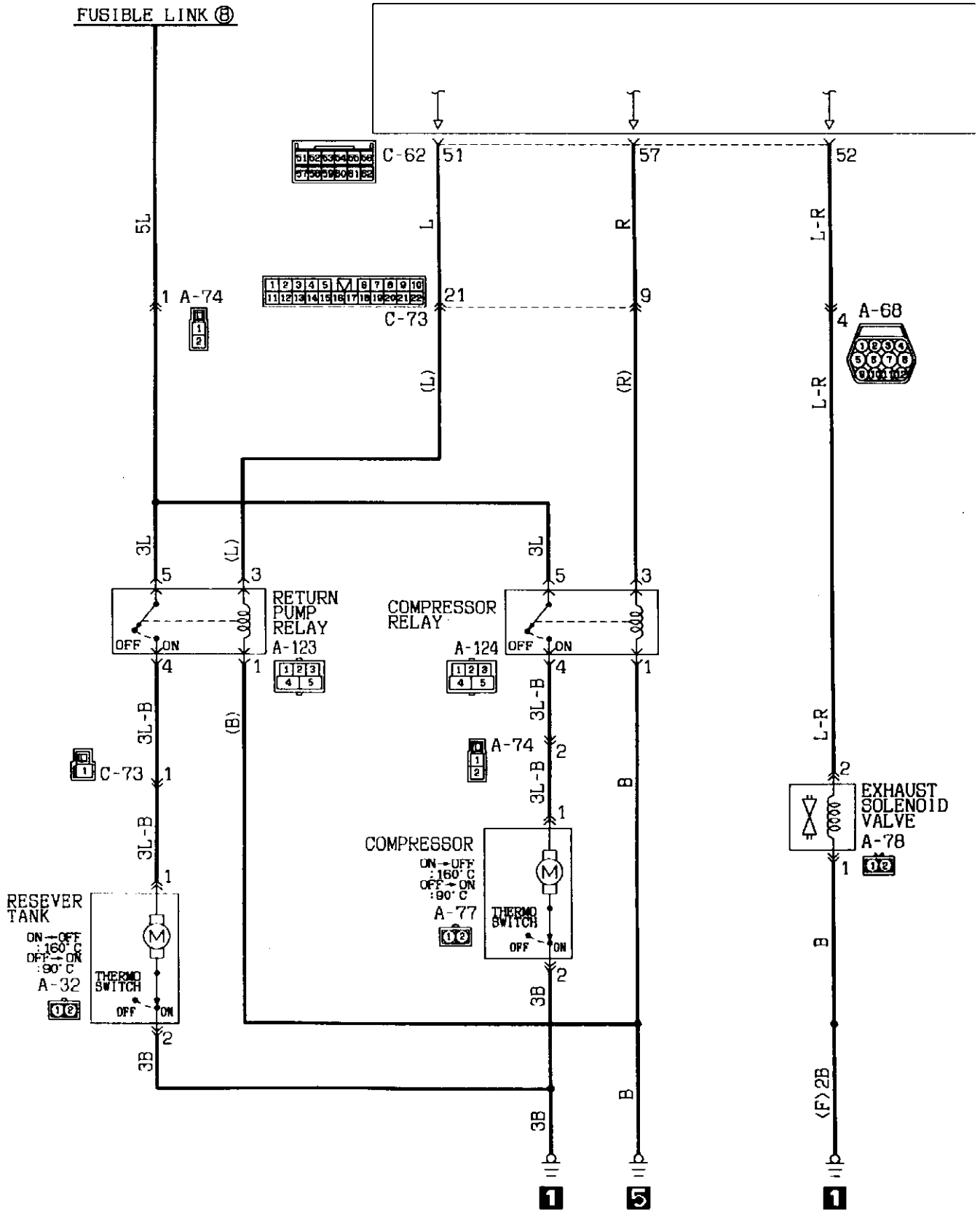


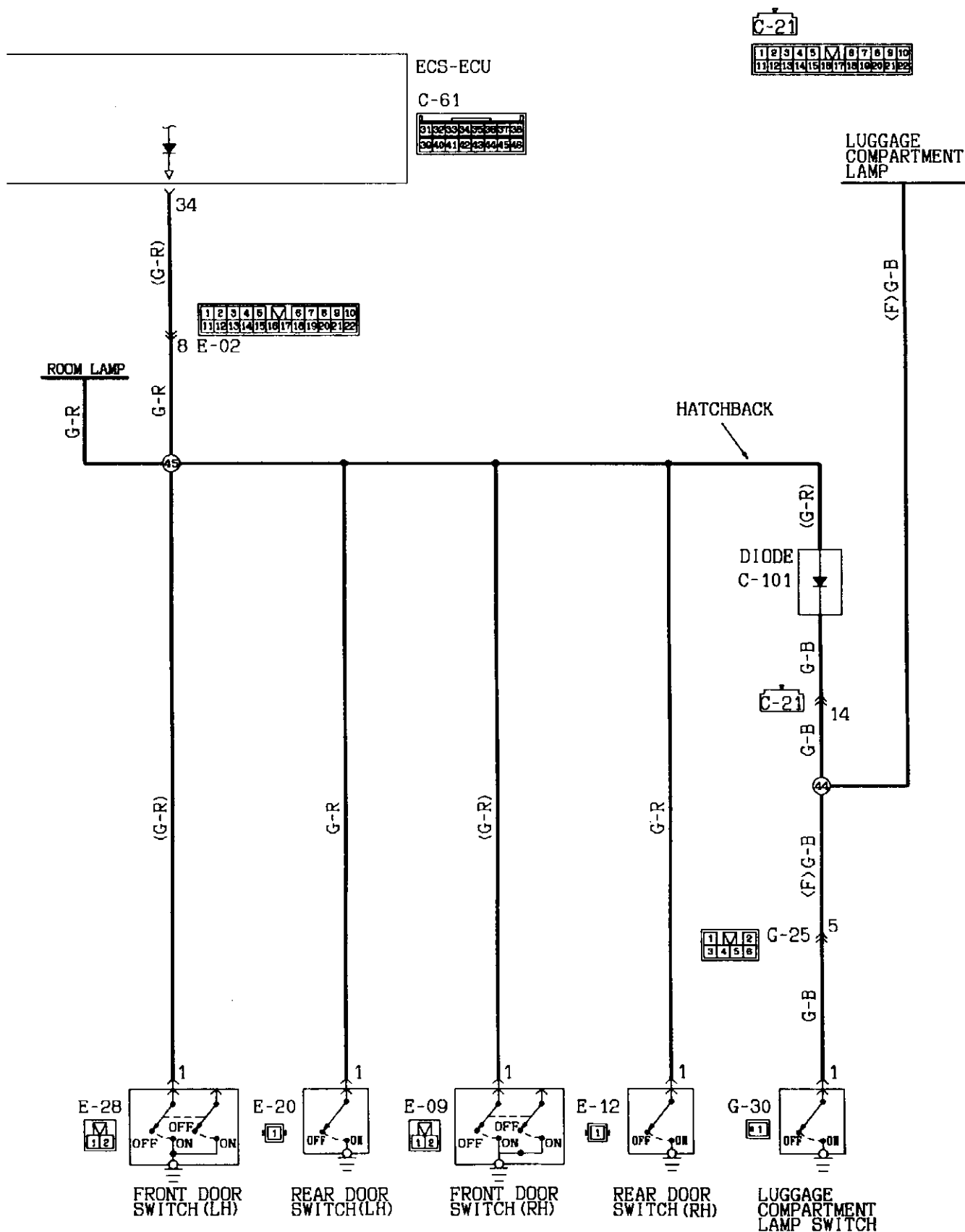
KK35-AC-F1502C-EC





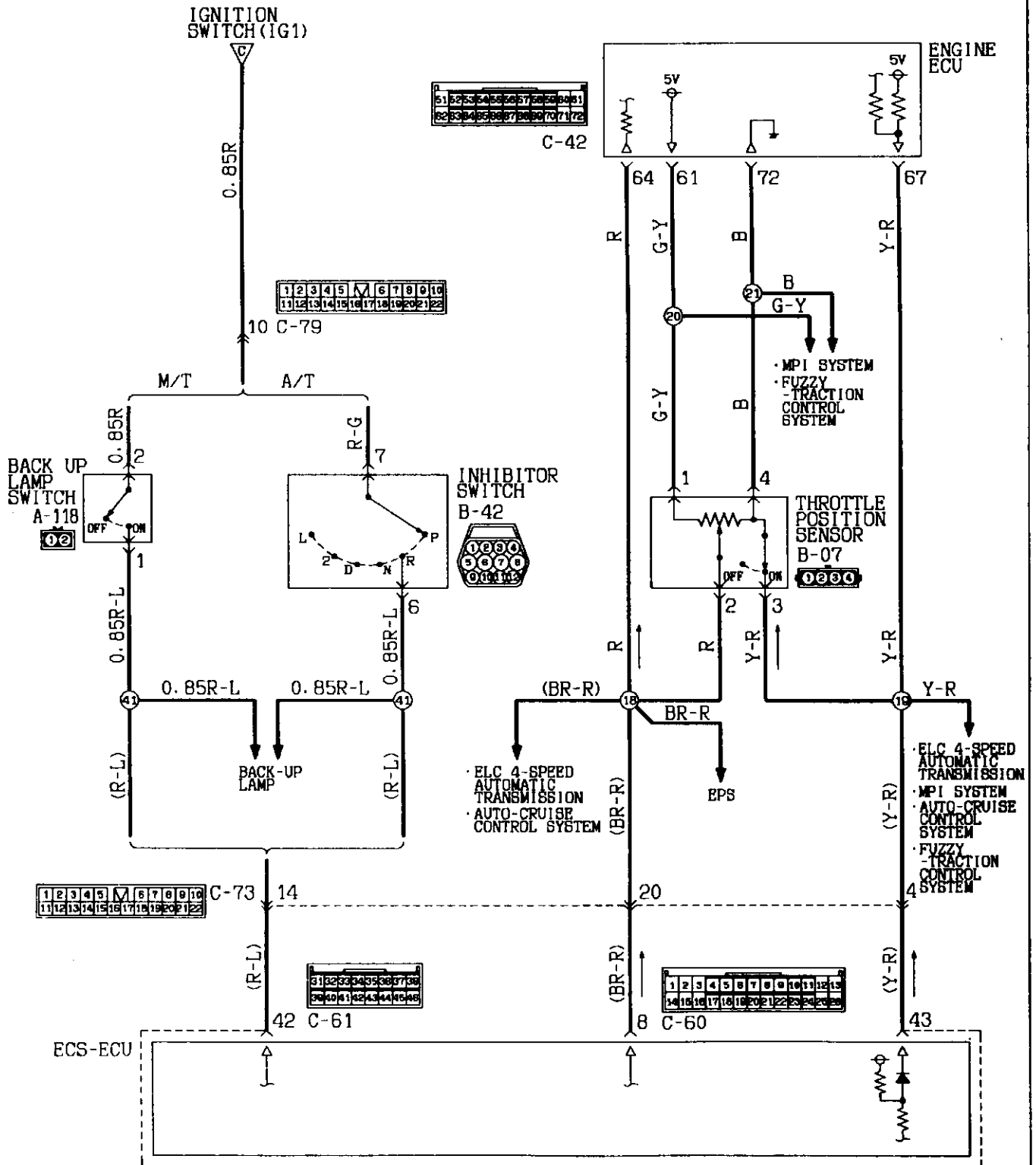
ACTIVE-ELECTRONIC CONTROL SUSPENSION  
(L.H. drive vehicles)(CONTINUED)





Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

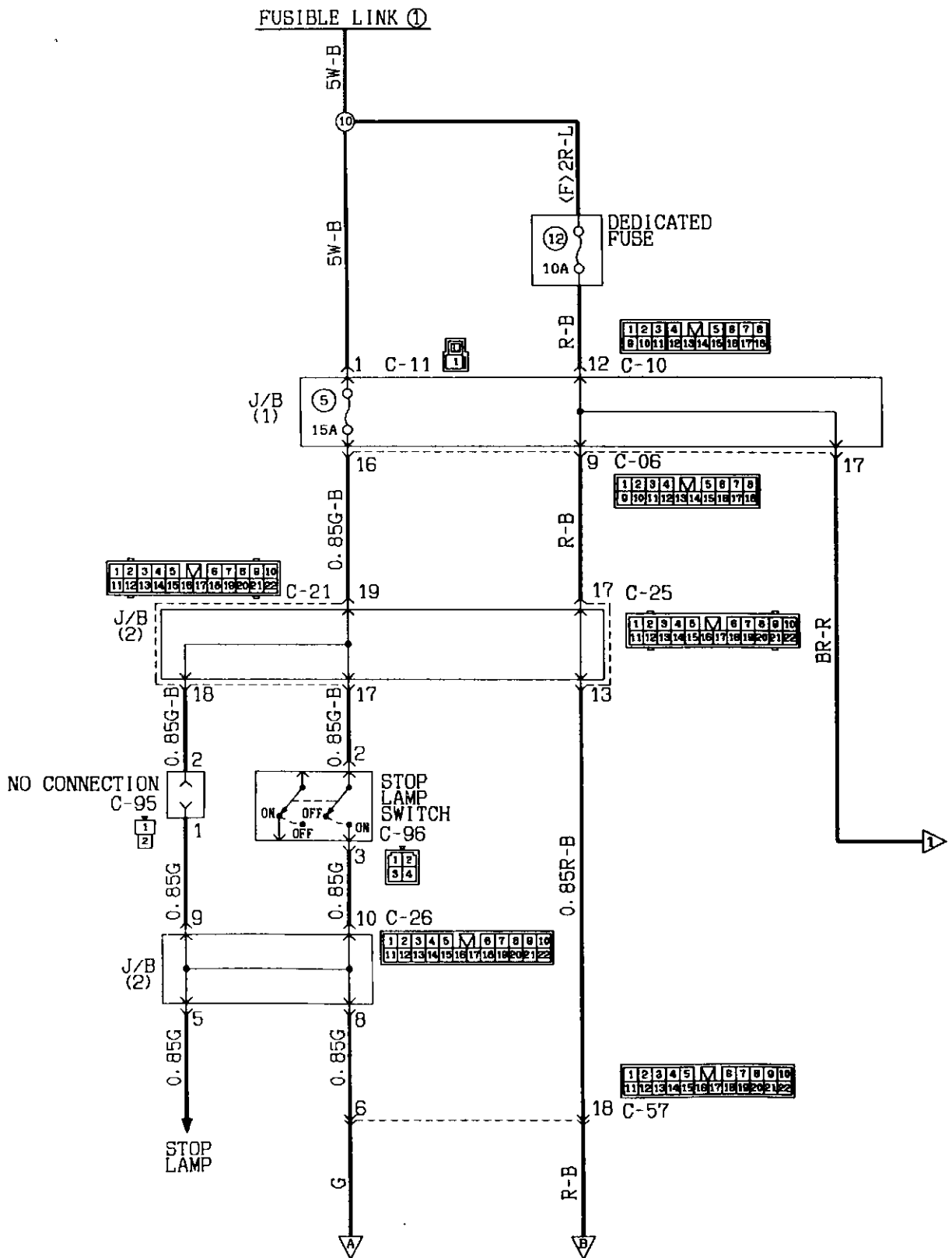
ACTIVE-ELECTRONIC CONTROL SUSPENSION  
(L. H. drive vehicles) (CONTINUED)



Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

NOTES

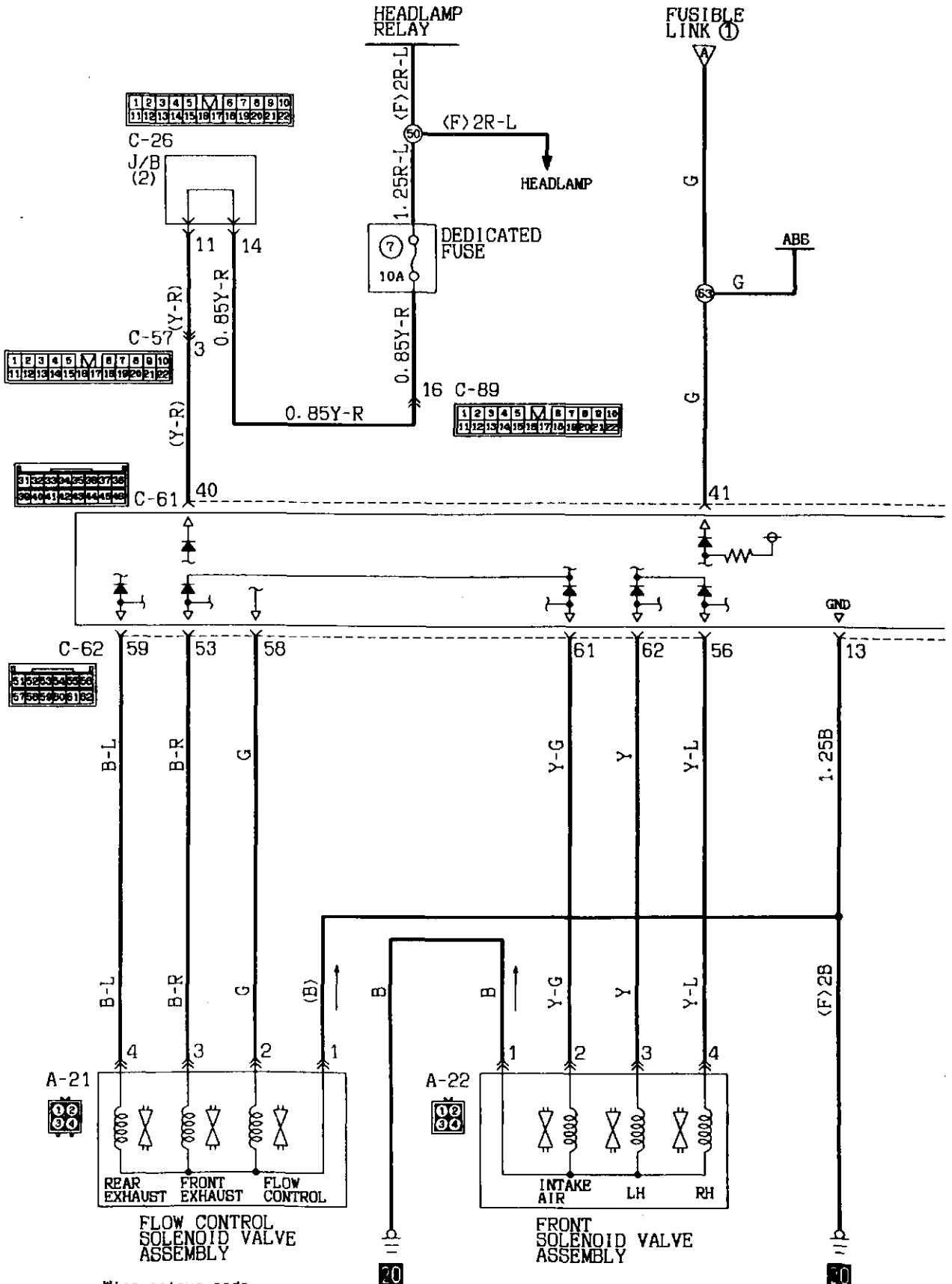
ACTIVE-ELECTRONIC CONTROL SUSPENSION  
R. H. drive vehicles



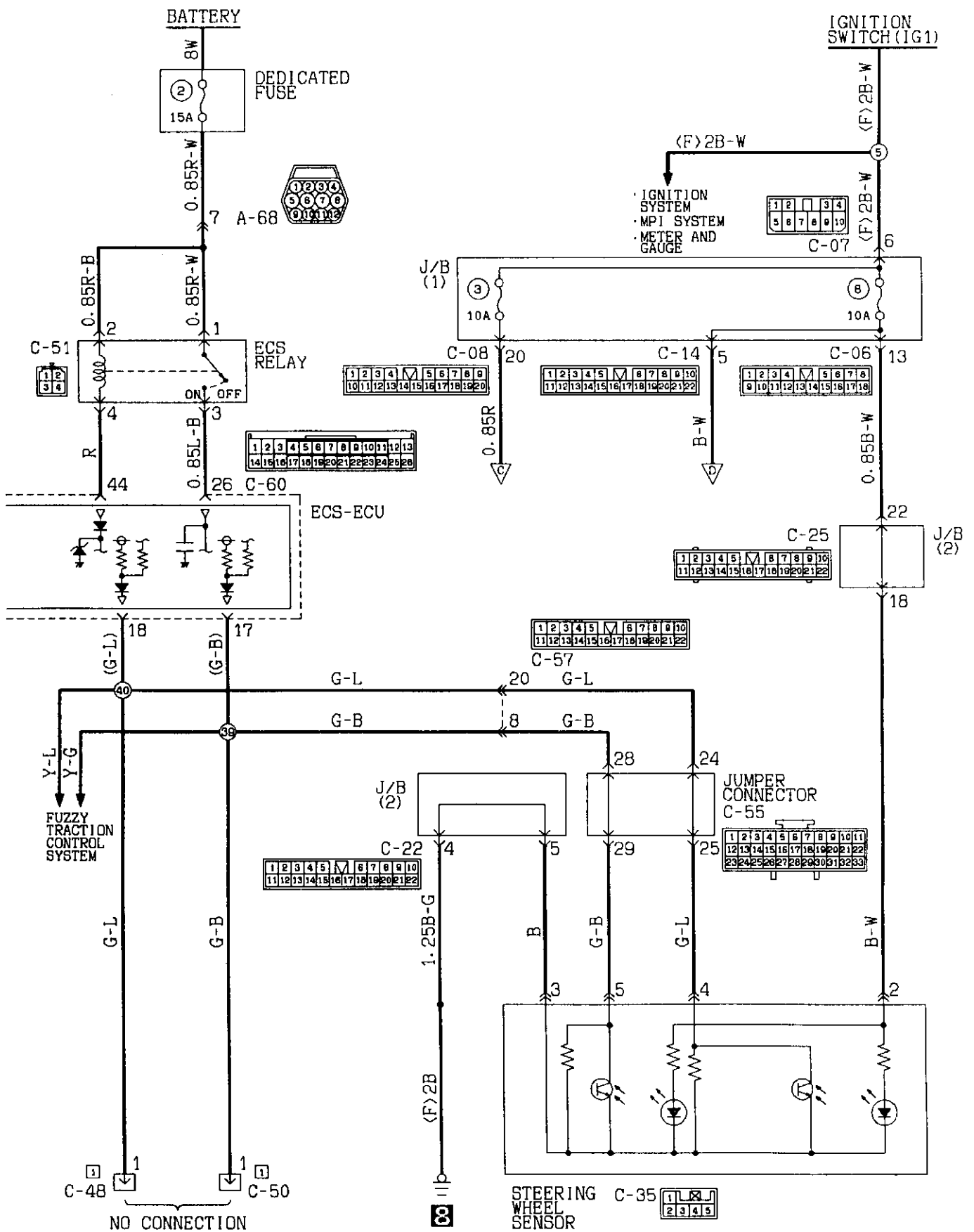
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



ACTIVE-ELECTRONIC CONTROL SUSPENSION  
(R. H. drive vehicles)(CONTINUED)

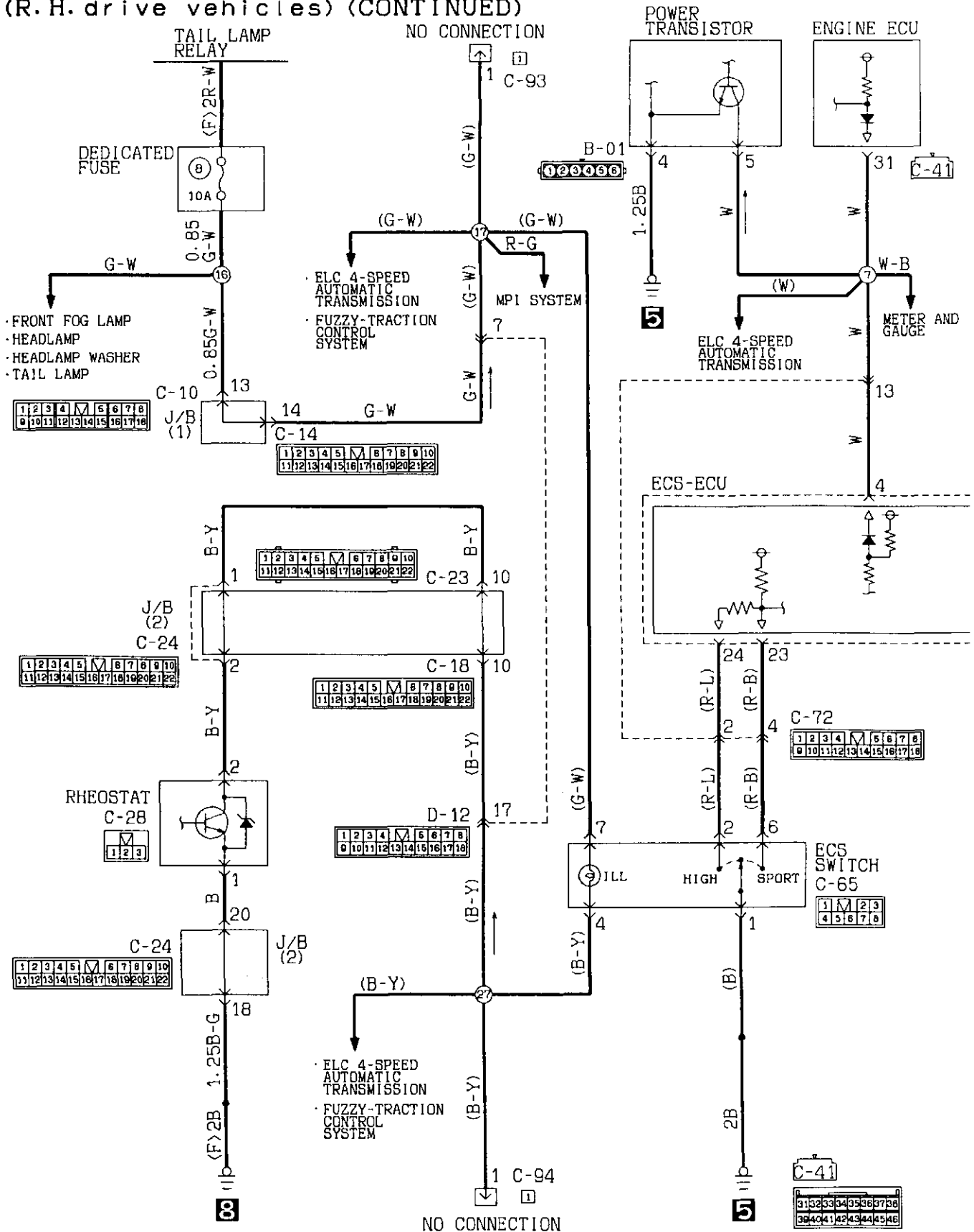


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet  
 SB:Sky blue



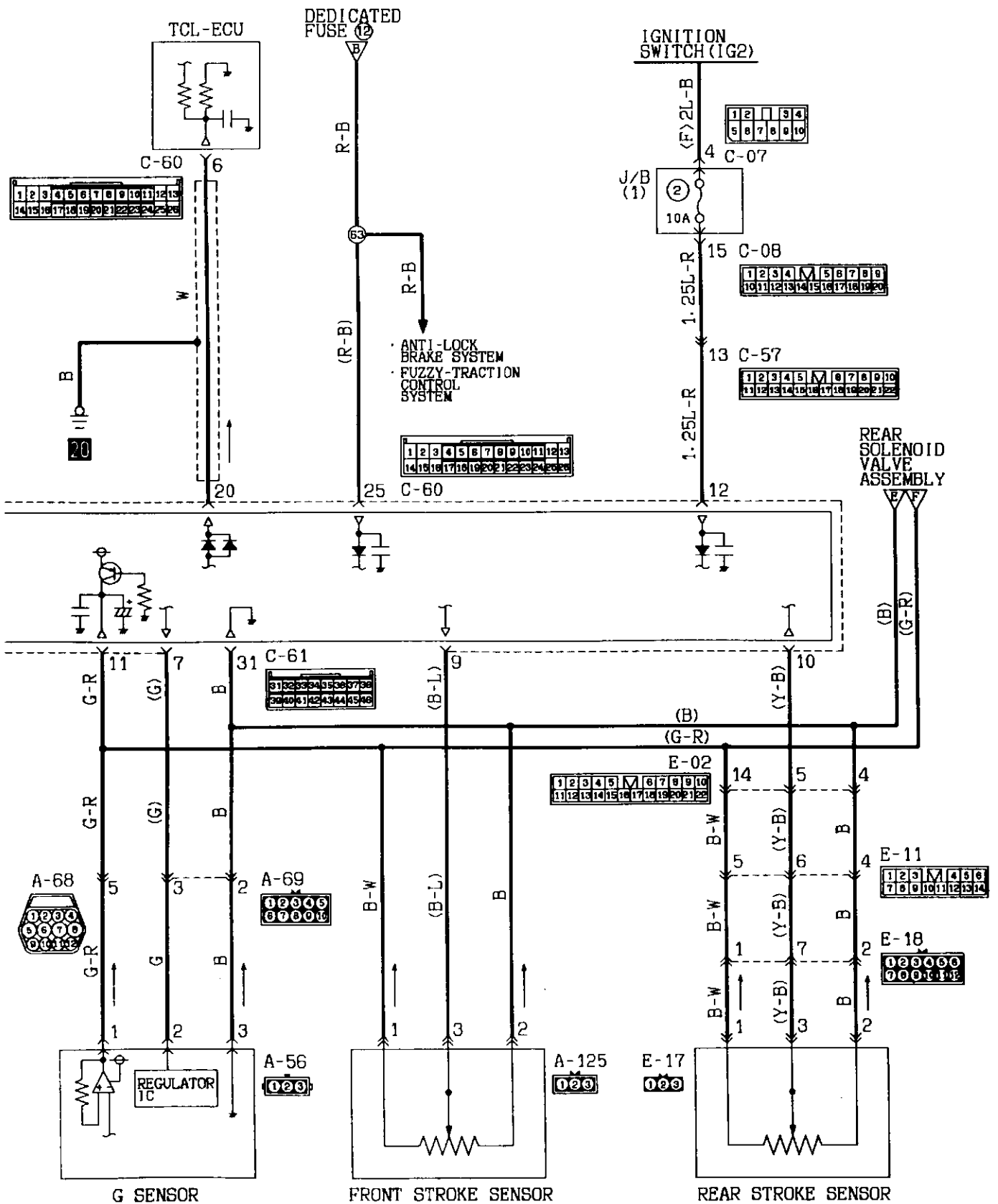


ACTFUE-ELECTRONIC CONTROL SUSPENSION  
(R. H. drive vehicles) (CONTINUED)

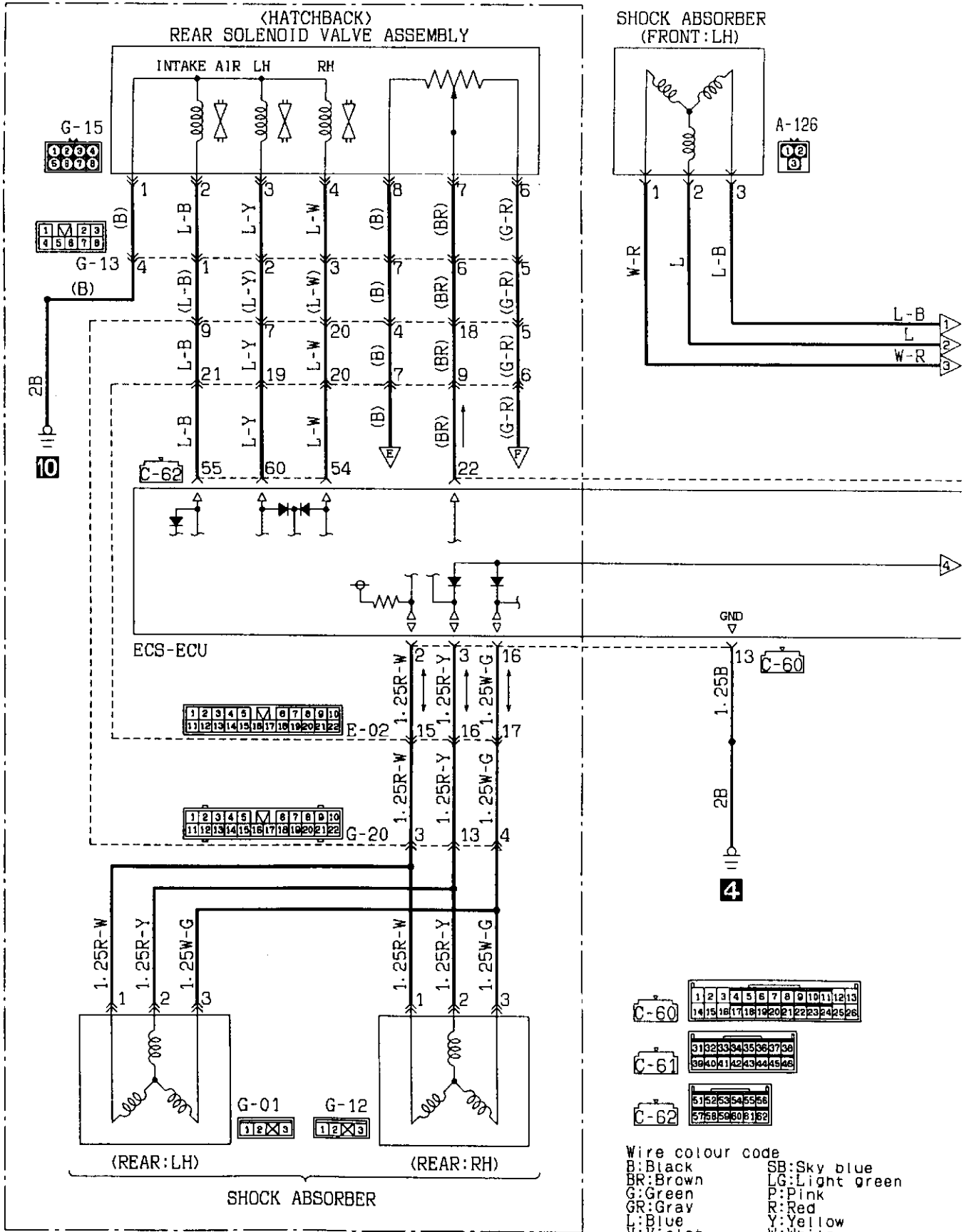


Wire colour code  
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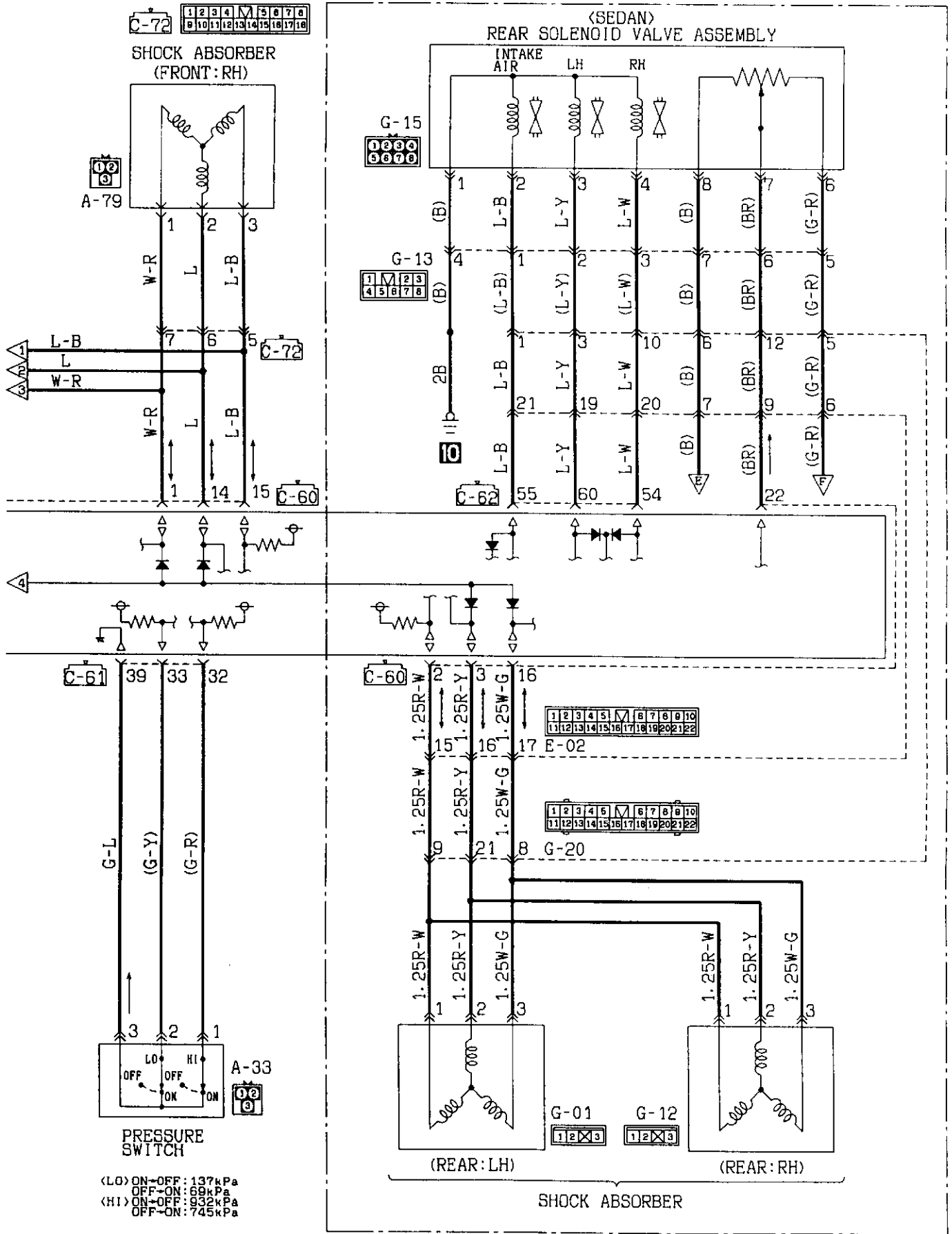
KX35-AC-F1542B-EC



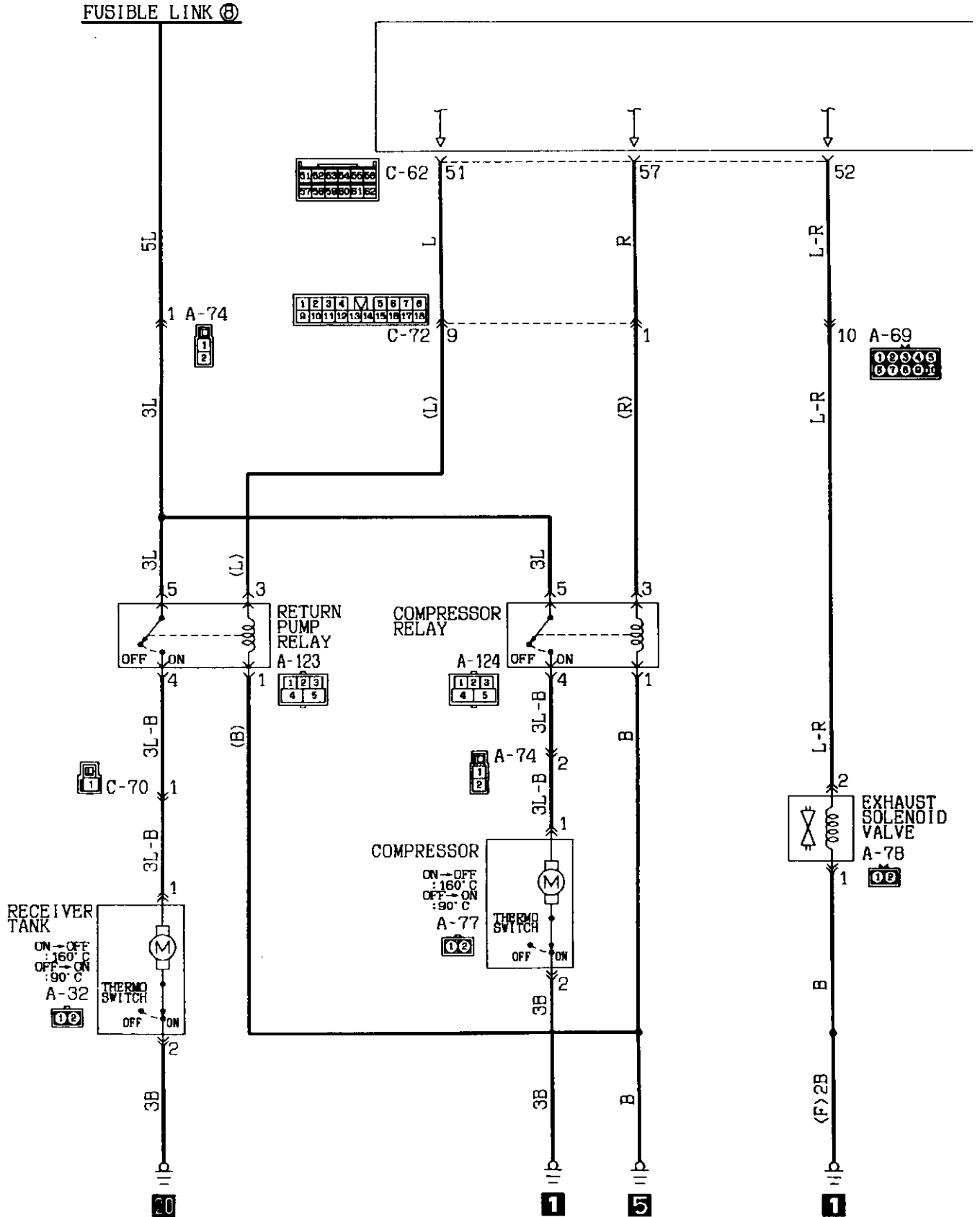
ACTIVE-ELECTRONIC CONTROL SUSPENSION  
(R. H. drive vehicles) (CONTINUED)

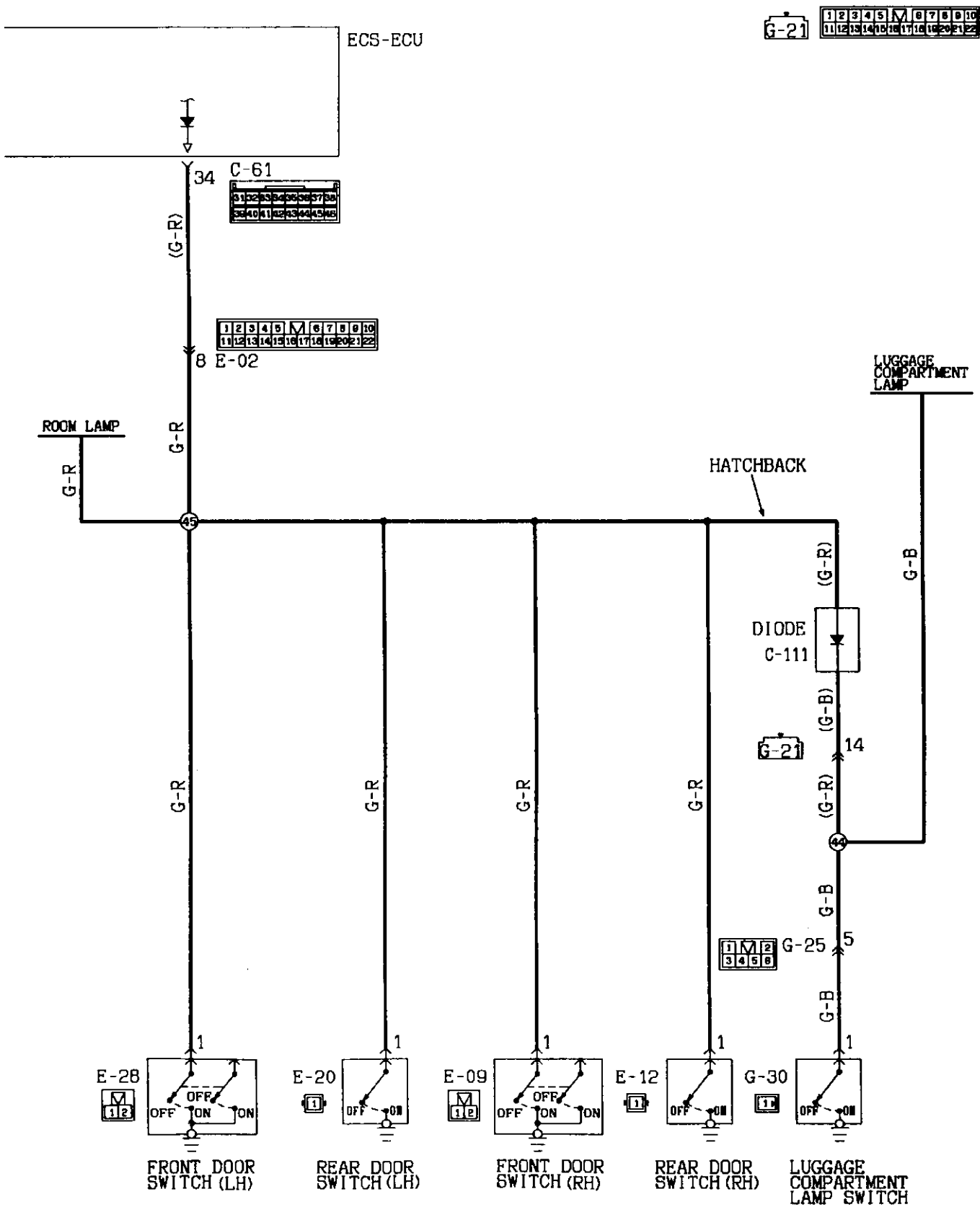


KX35-AC-F1542C-EC



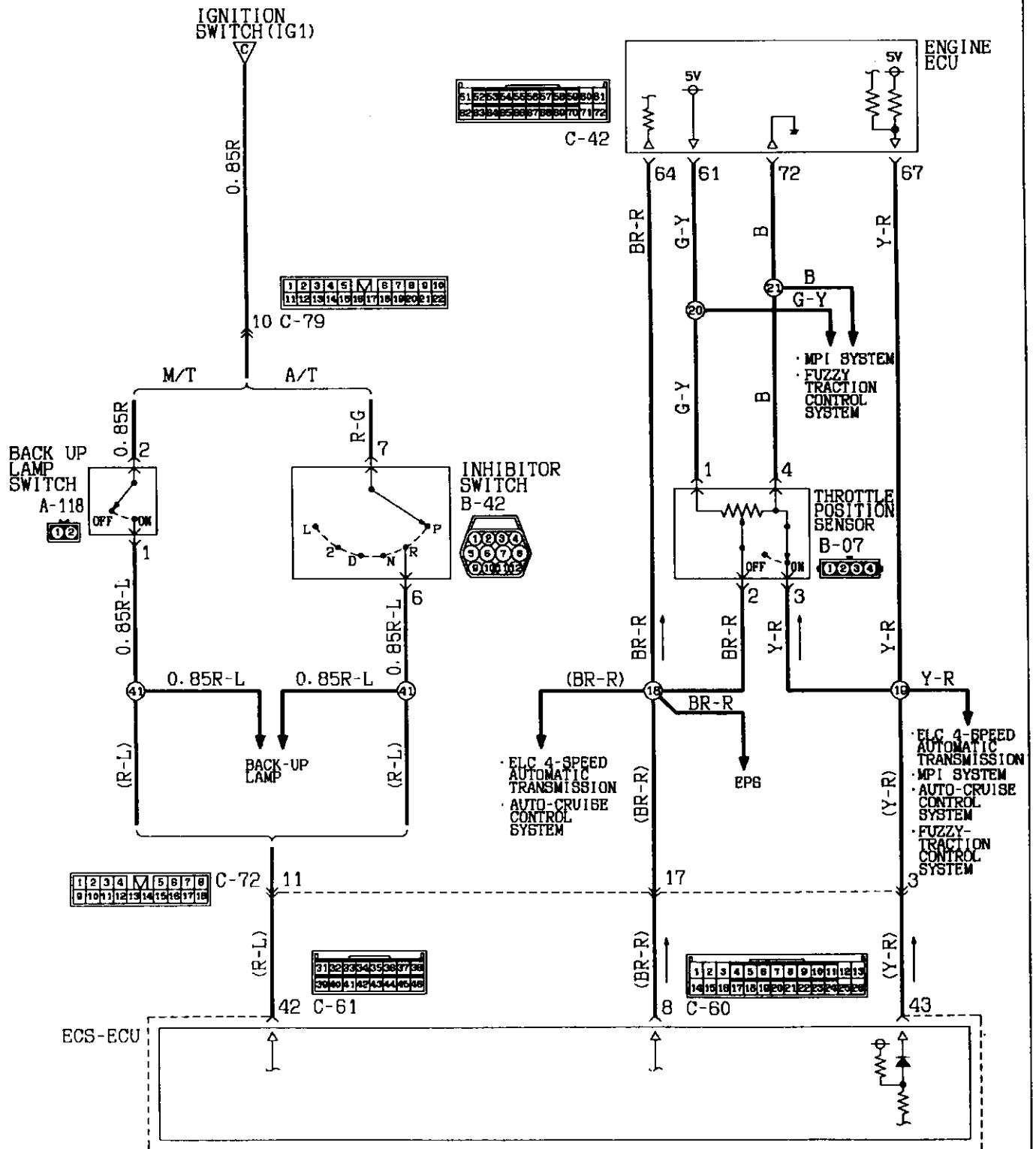
ACTIVE-ELECTRONIC CONTROL SUSPENSION  
(R.H. drive vehicles)(CONTINUED)





Wire colour code  
 B:Black LG:Light green G:Green L:Blue V:White Y:Yellow SB:Sky blue  
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ACTIVE-ELECTRONIC CONTROL SUSPENSION  
(R. H. drive vehicles) (CONTINUED)

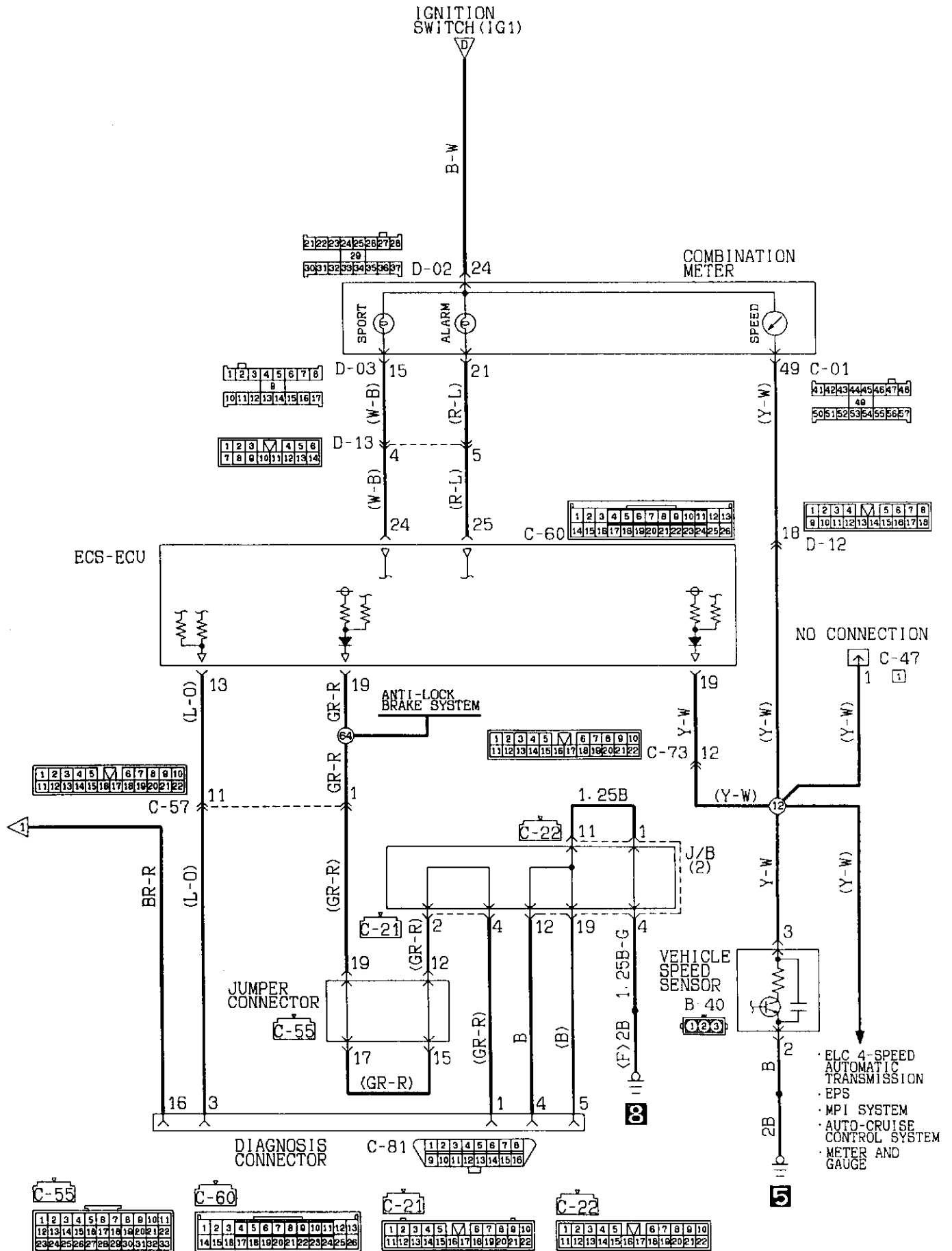


Wire colour code  
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 BR:Brown    O:Orange    GR:Gray    R:Red    P:Pink    V:Violet

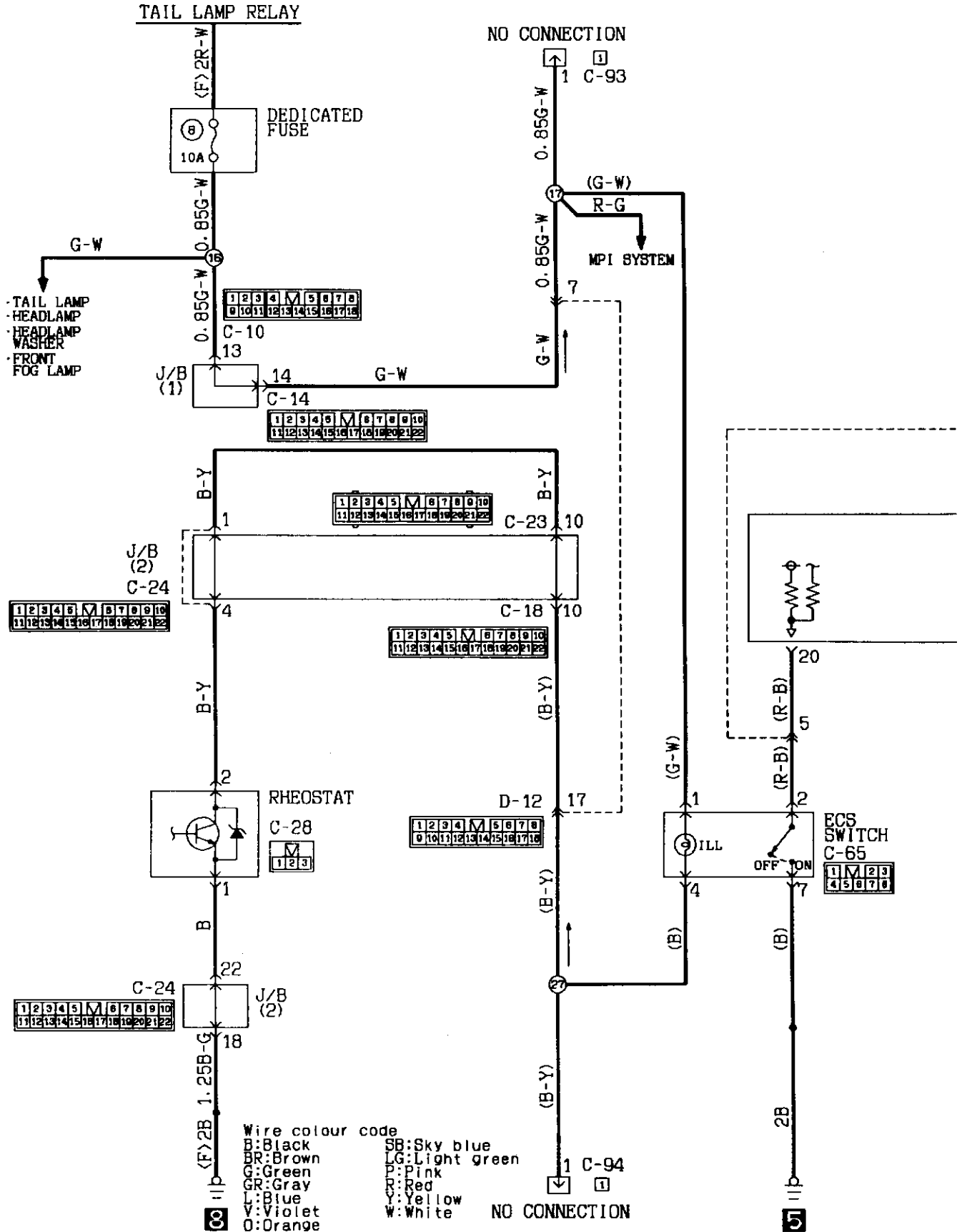
**NOTES**

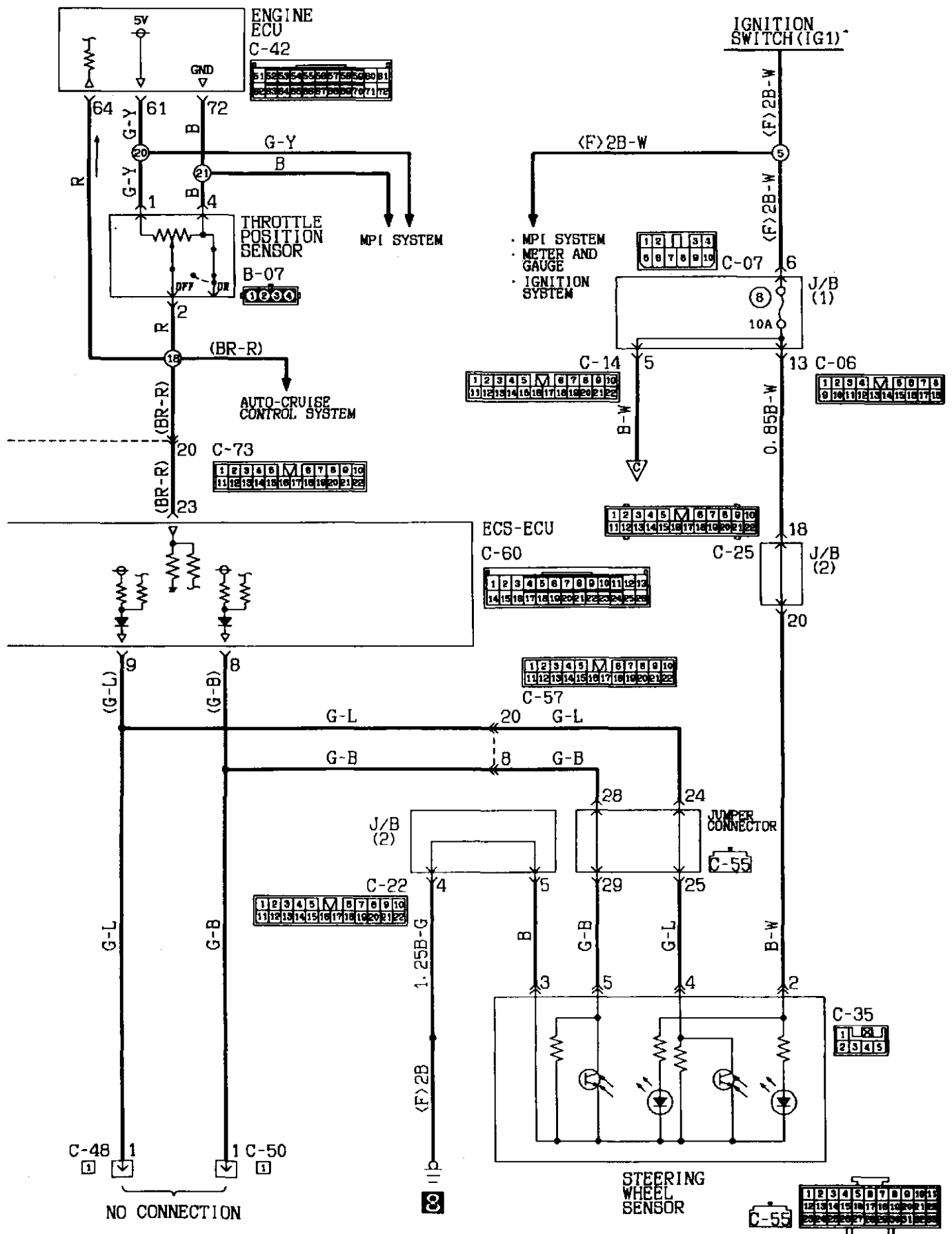




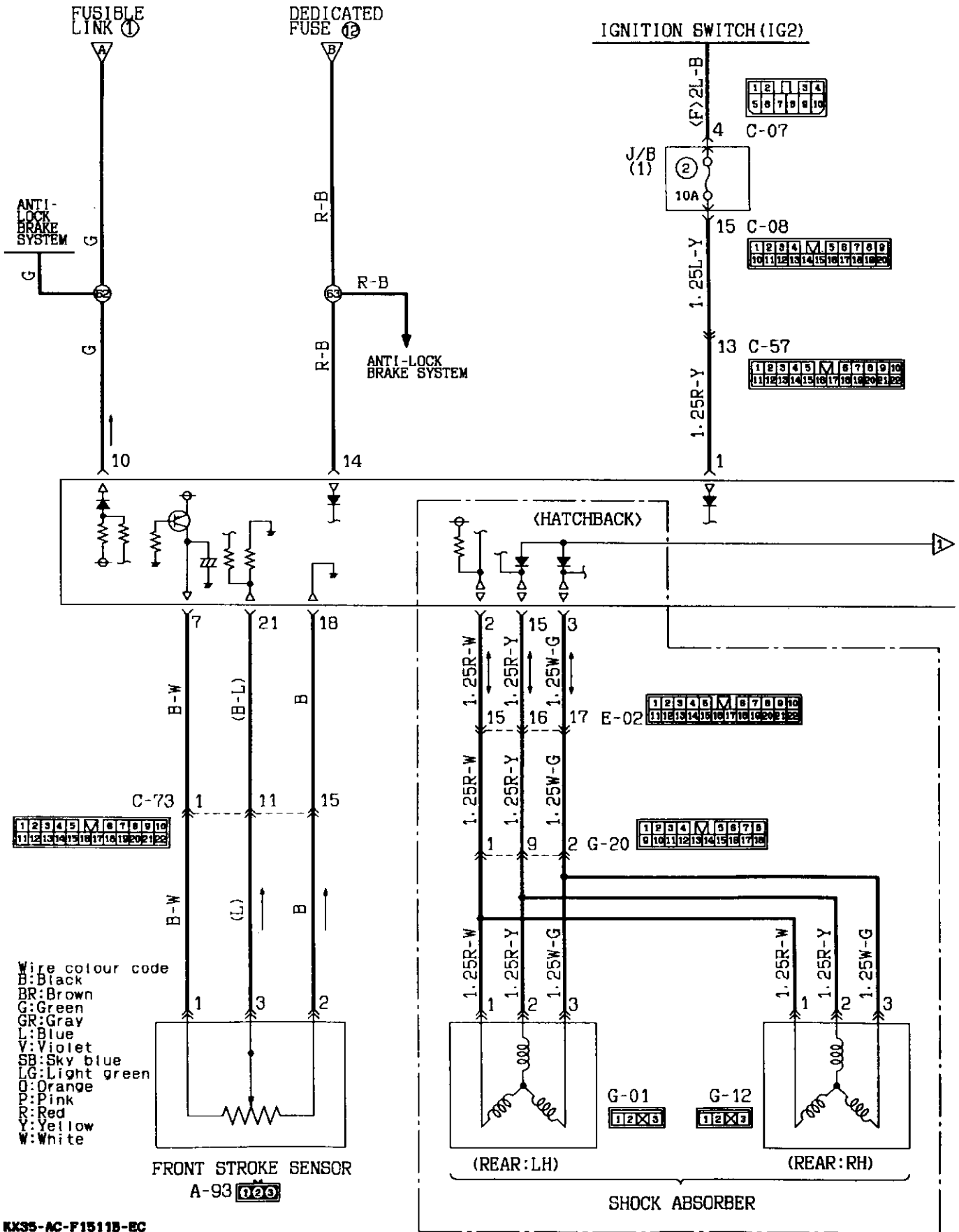


ELECTRONIC CONTROL SUSPENSION  
(L.H. drive vehicles) (CONTINUED)

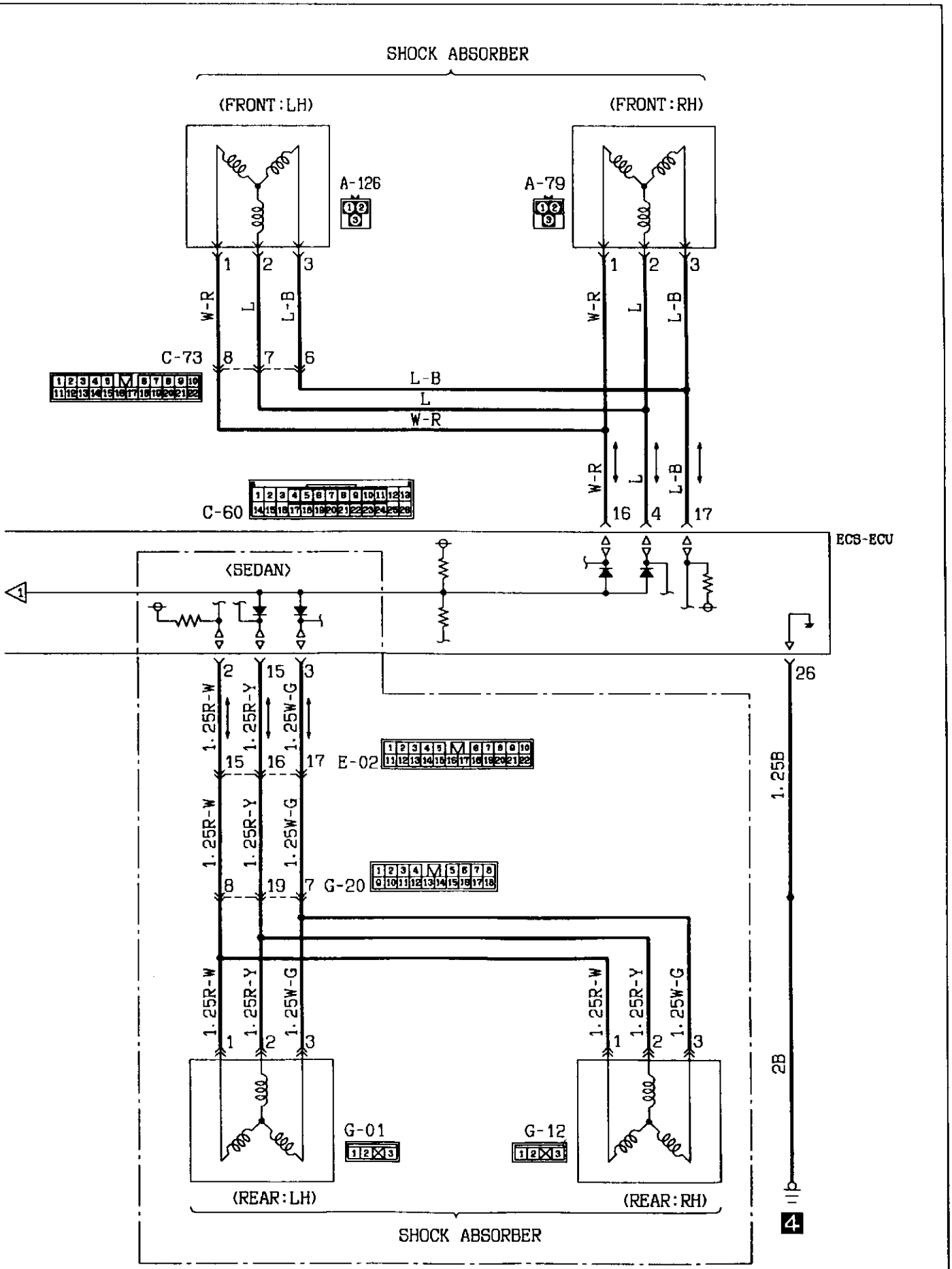




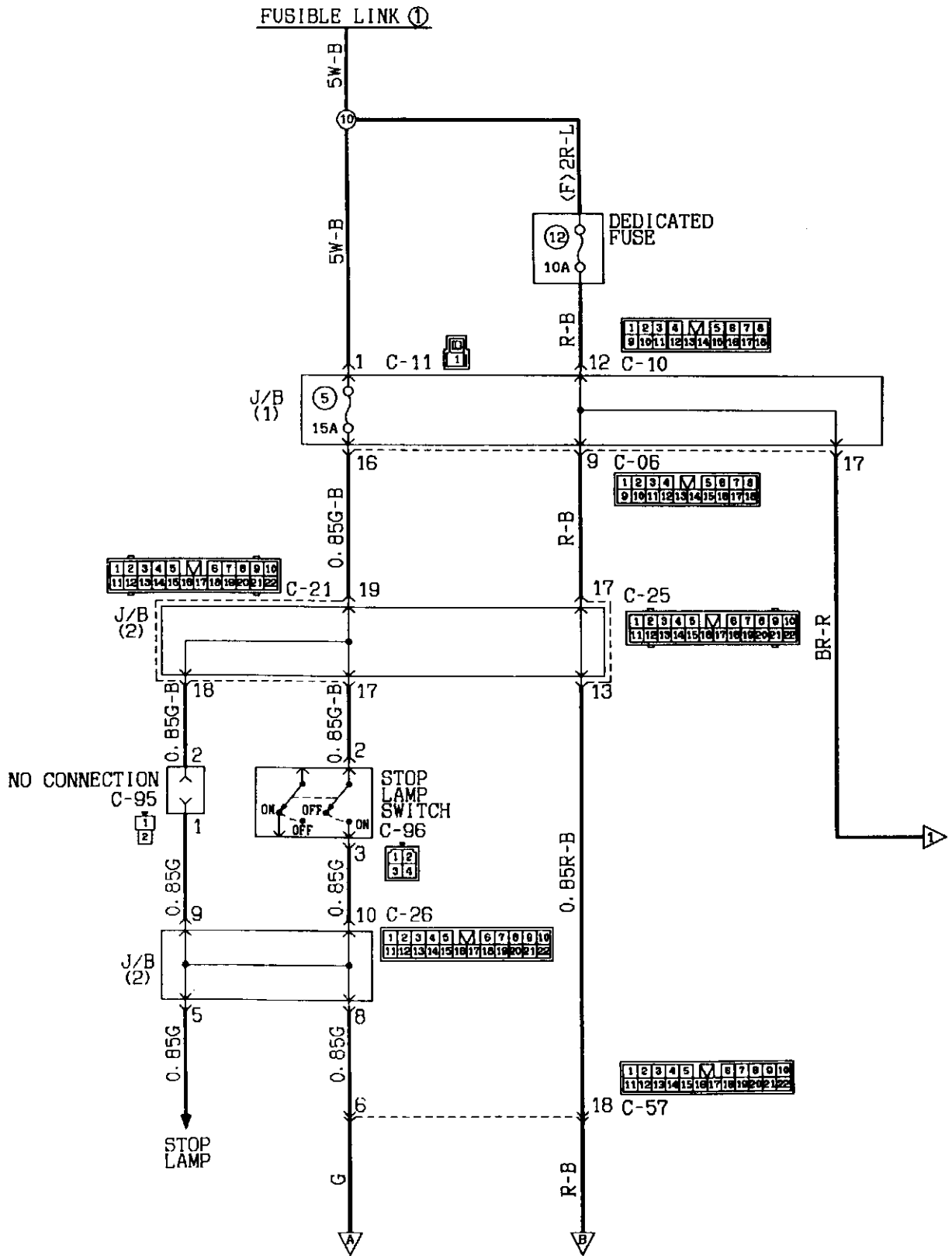
ELECTRONIC CONTROL SUSPENSION  
(L.H. drive vehicles) (CONTINUED)



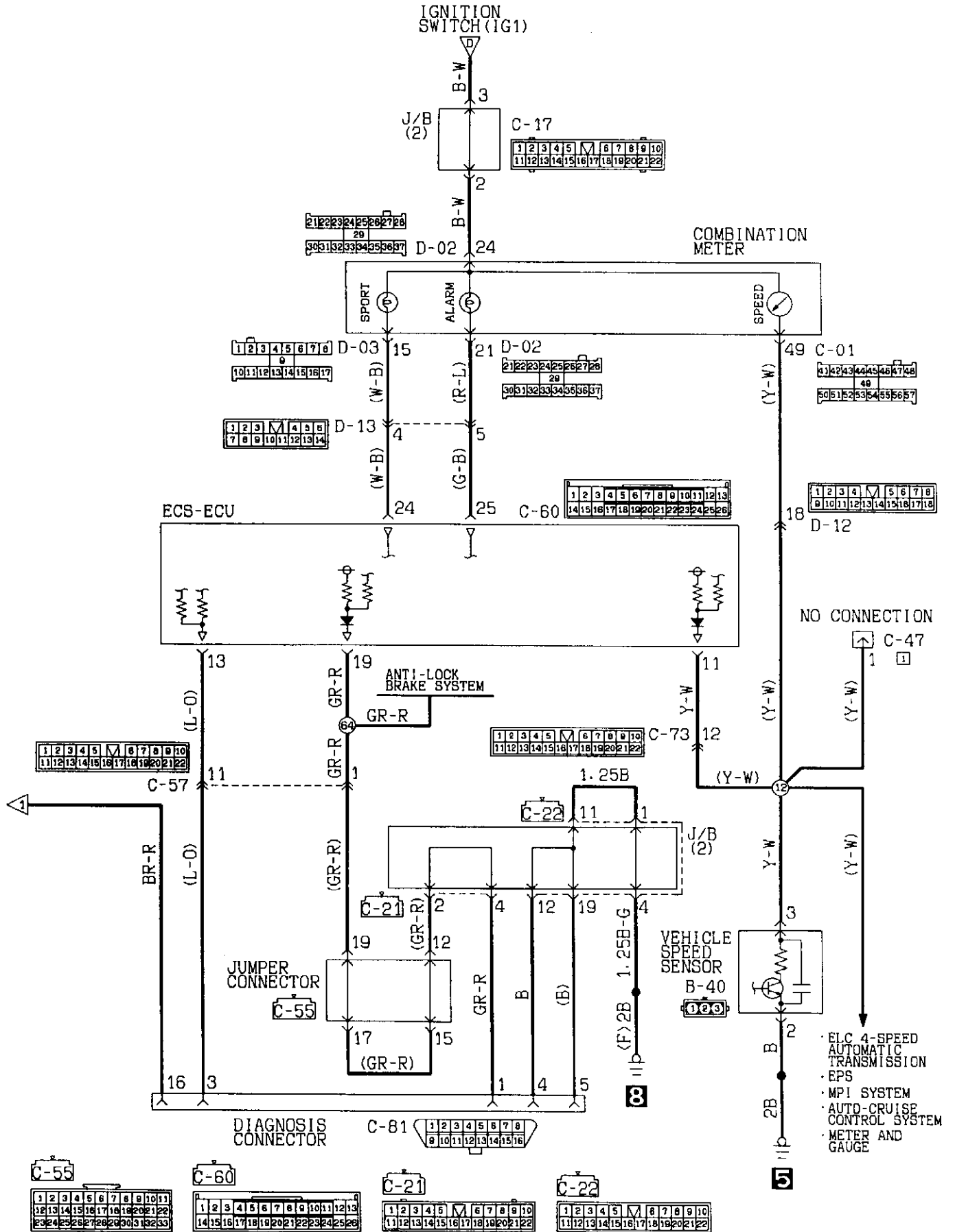
KX35-AC-F1511B-EC



ELECTRONIC CONTROL SUSPENSION  
R.H. drive vehicles

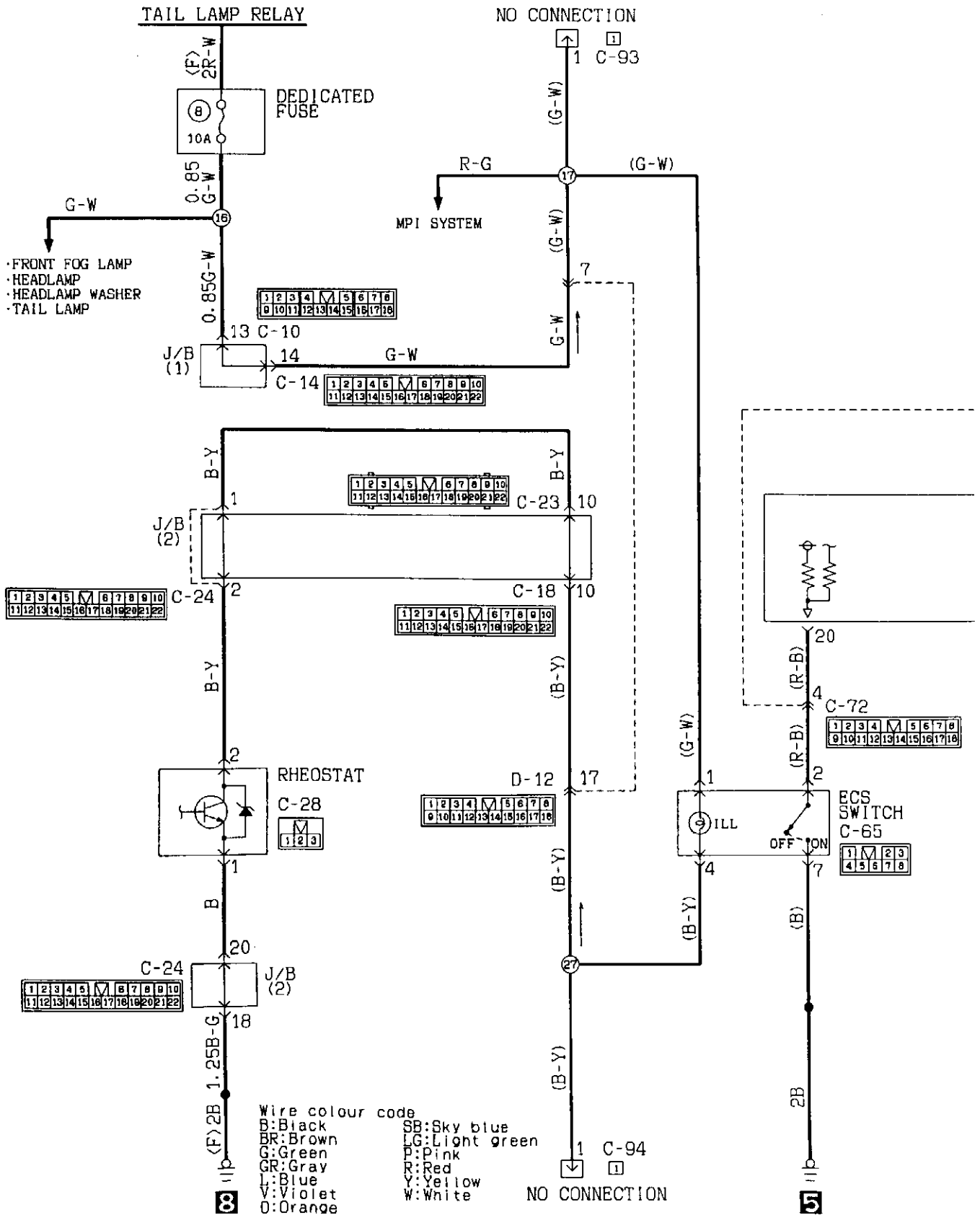


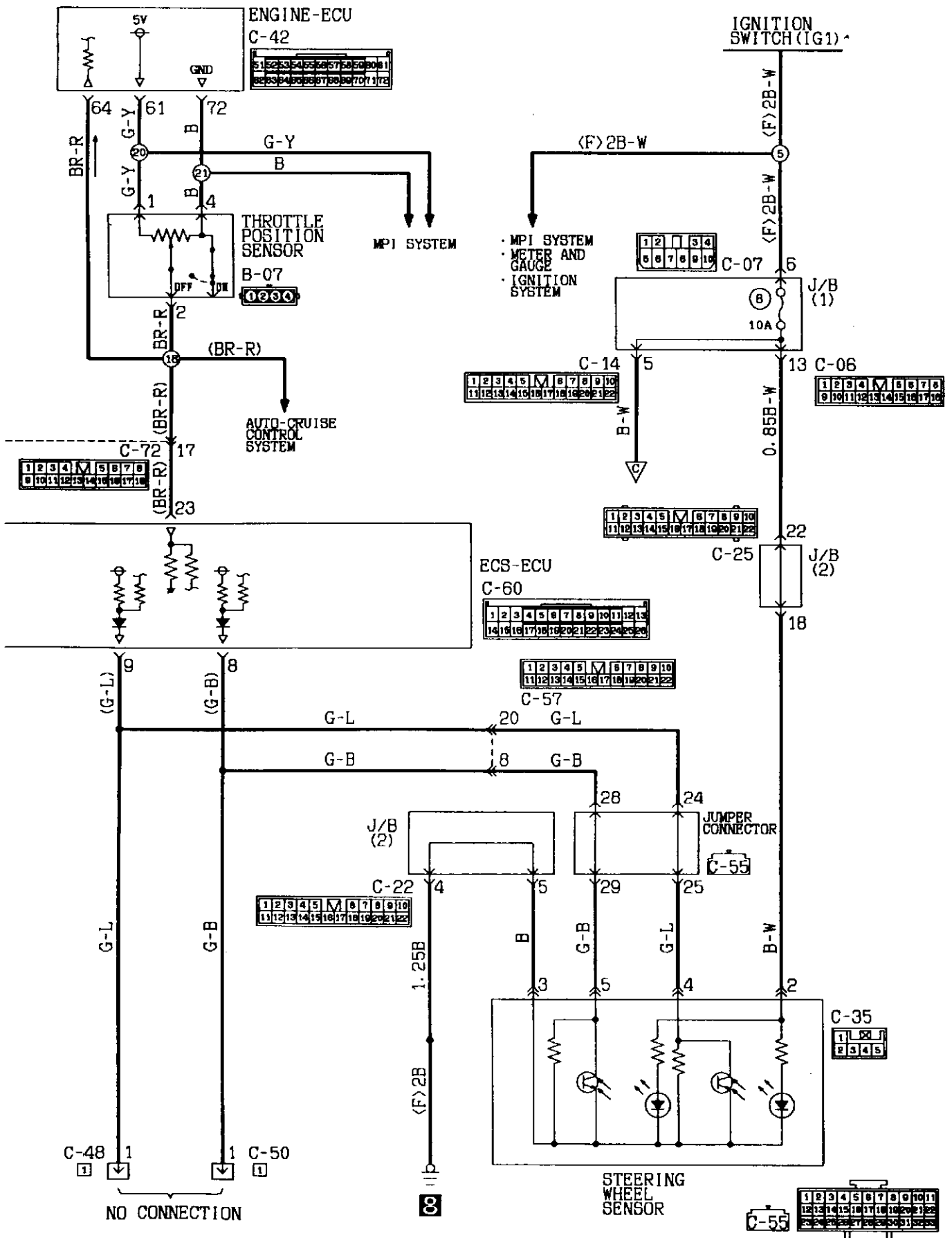
**KX35-AC-F1512-2C**  
 Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



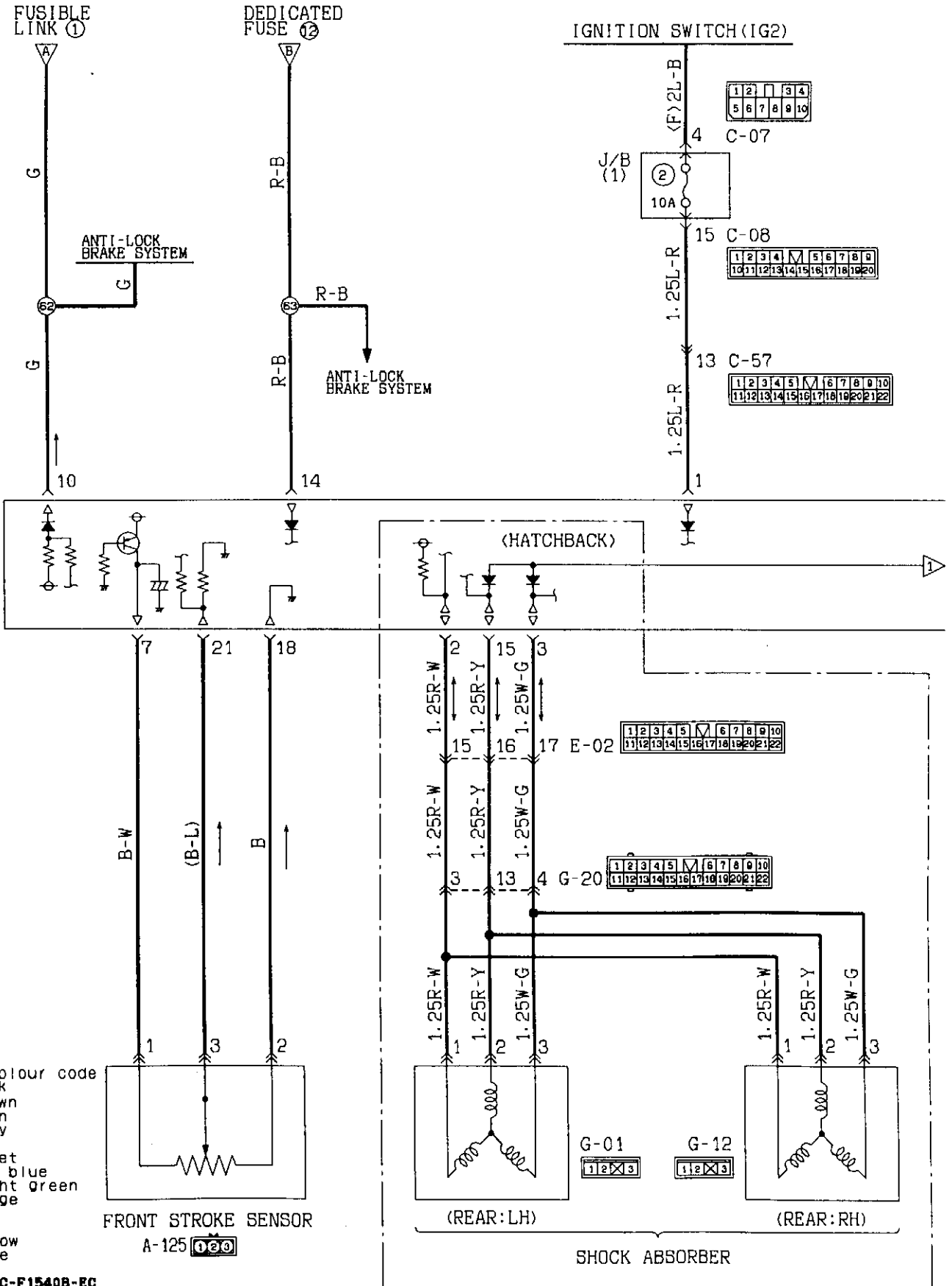


ELECTRONIC CONTROL SUSPENSION  
(R.H. drive vehicles) (CONTINUED)



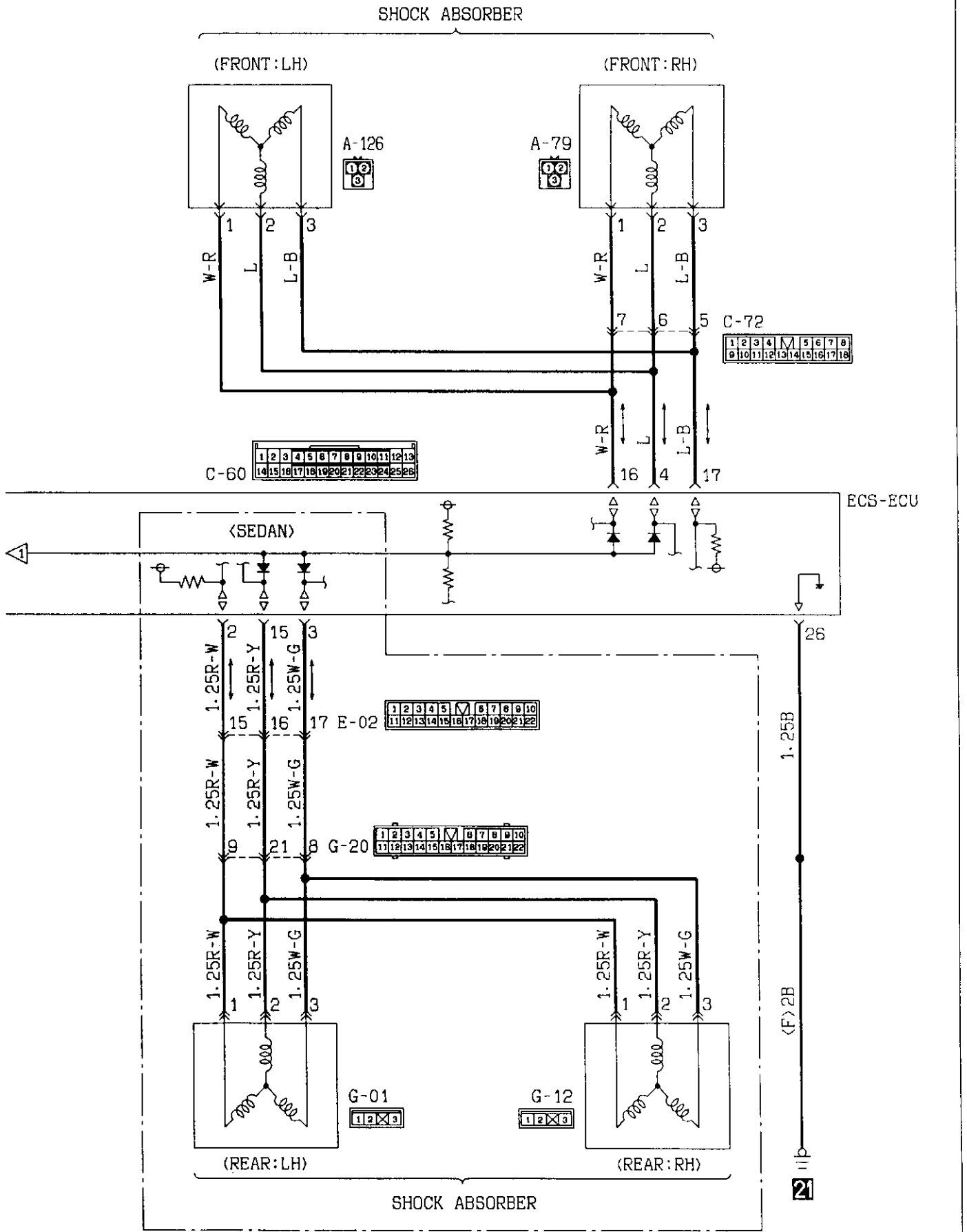


ELECTRONIC CONTROL SUSPENSION  
(R.H. drive vehicles) (CONTINUED)

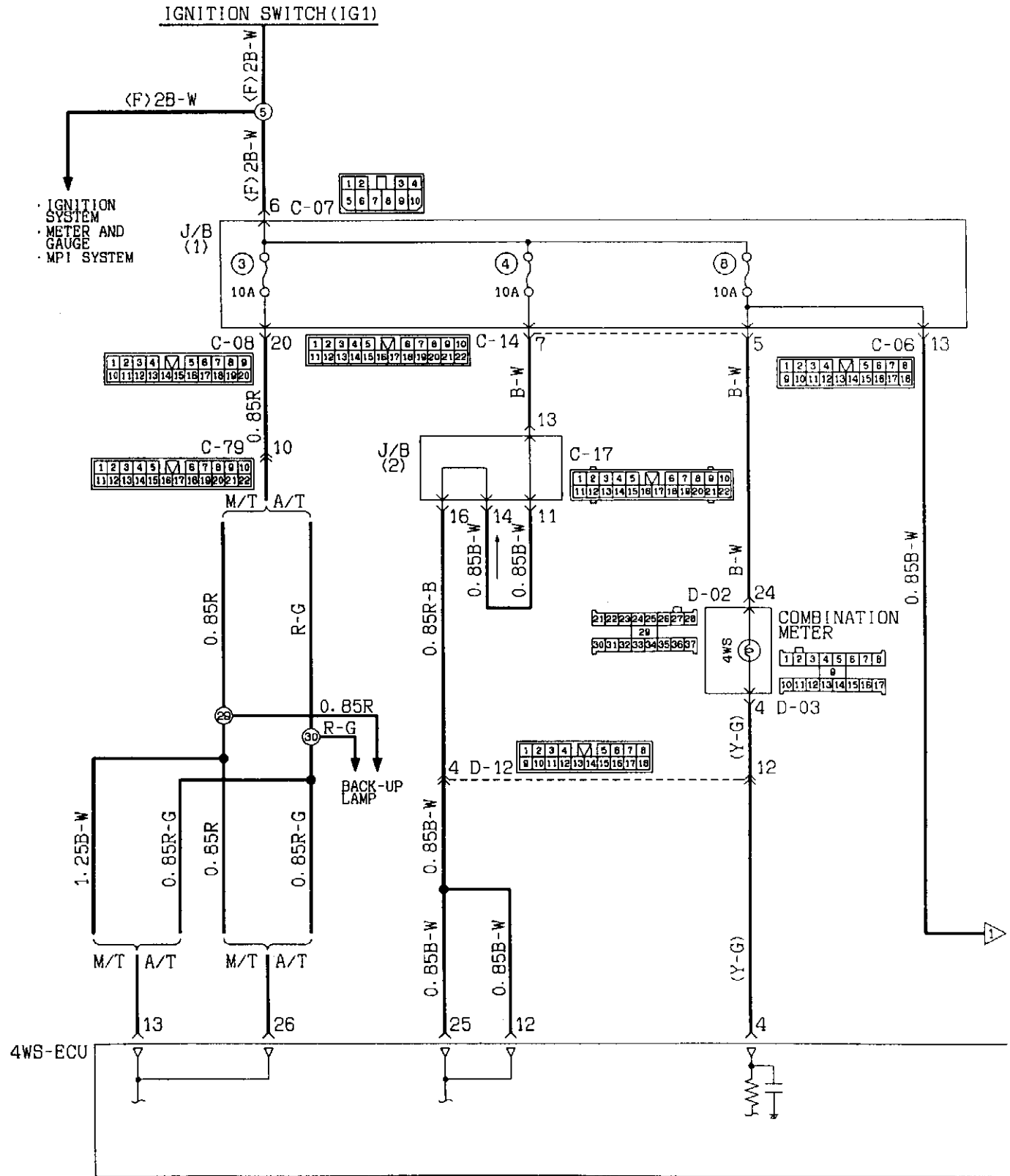


Wire colour code  
 B: Black  
 BR: Brown  
 G: Green  
 GR: Gray  
 L: Blue  
 V: Violet  
 SB: Sky blue  
 LG: Light green  
 O: Orange  
 P: Pink  
 R: Red  
 Y: Yellow  
 W: White

KX35-AC-F1540B-EC



ACTIVE-4WS CONTROL SYSTEM  
L.H. drive vehicles

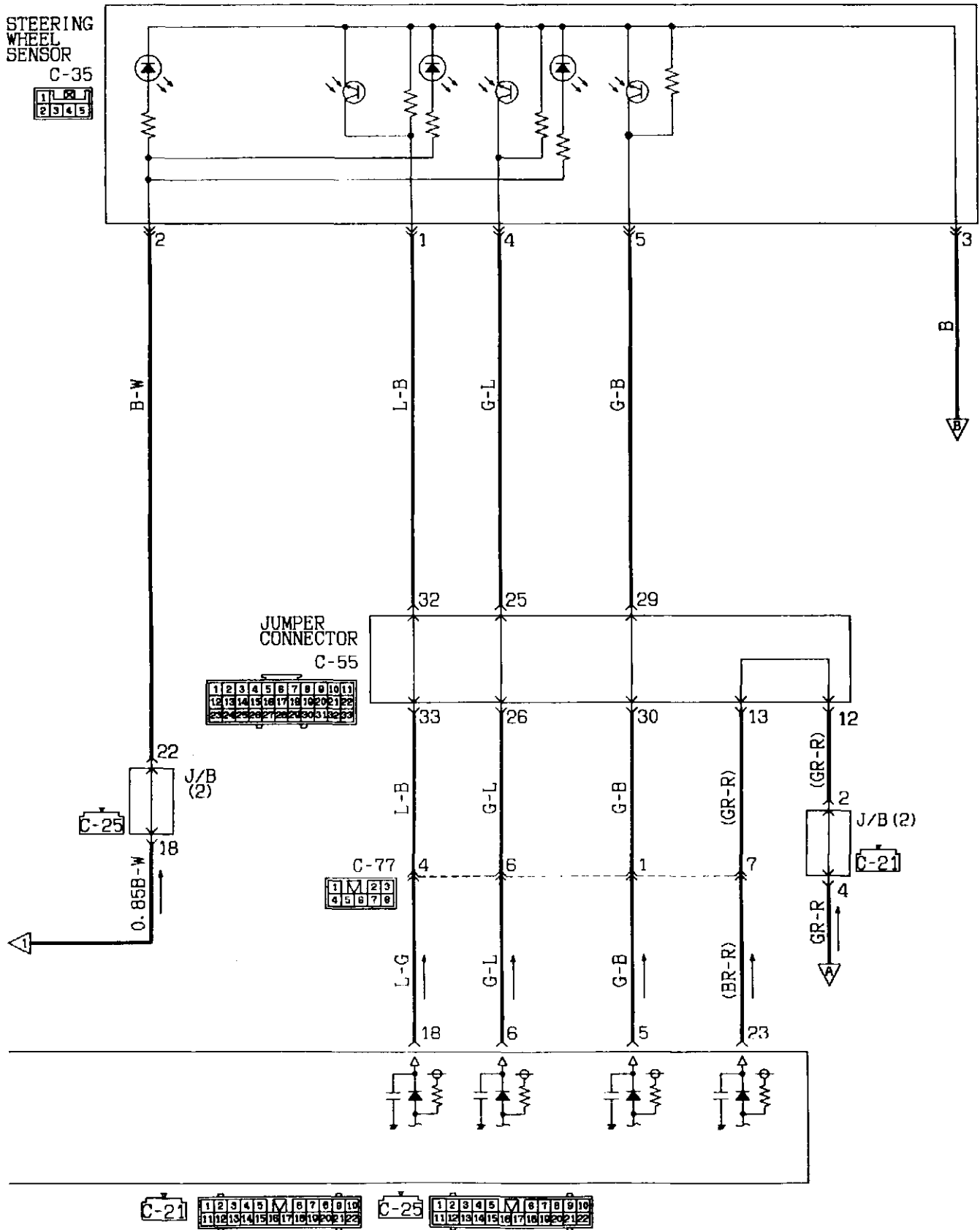


C-84

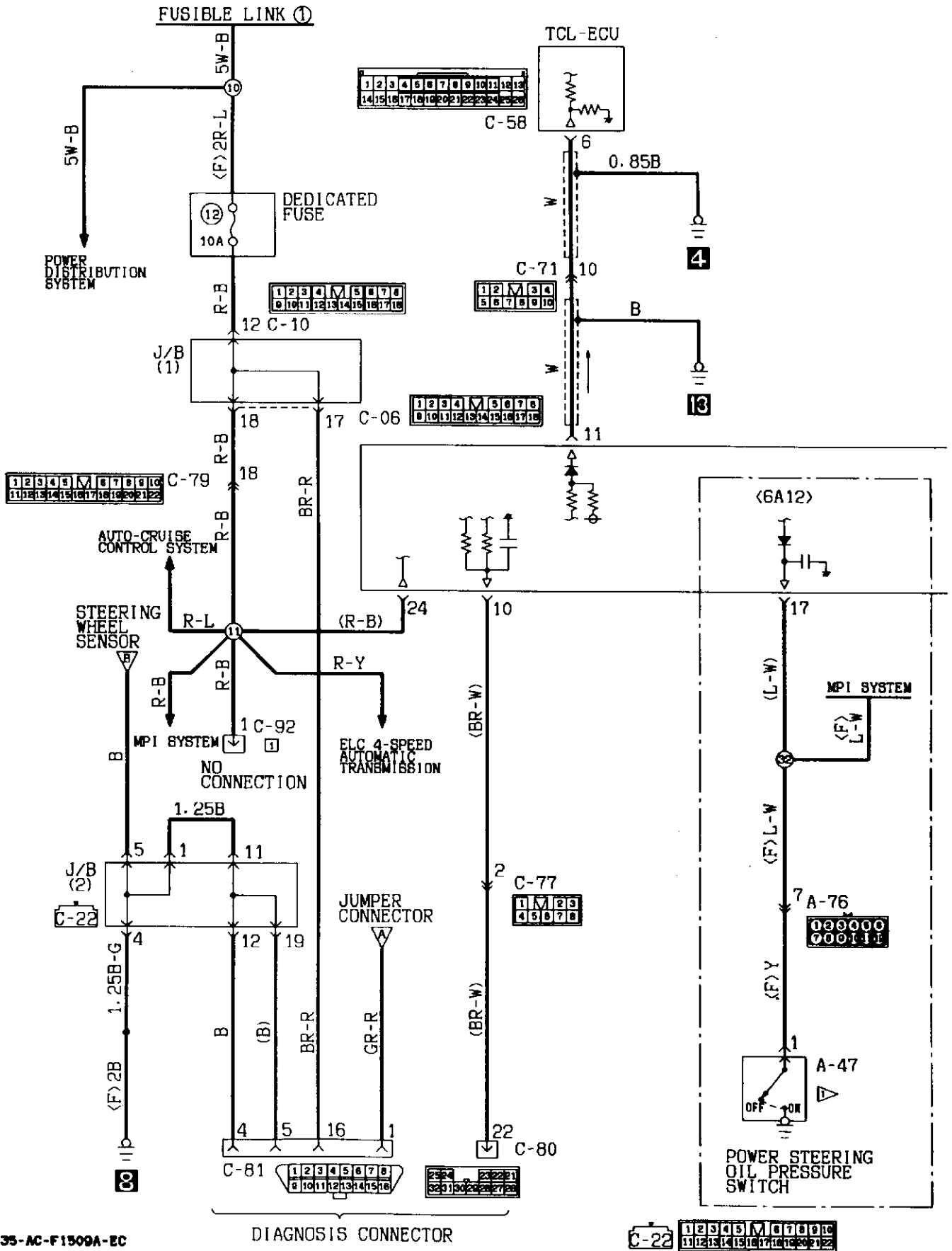
|    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

Wire colour code  
 B:Black LG:Light green G:Green L:Blue  
 BR:Brown O:Orange GR:Gray R:Red  
 W:White SB:Sky blue P:Pink Y:Yellow  
 V:Violet

KX35-AC-F1539-EC



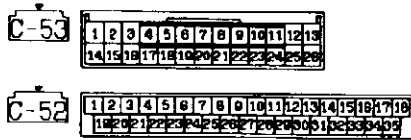
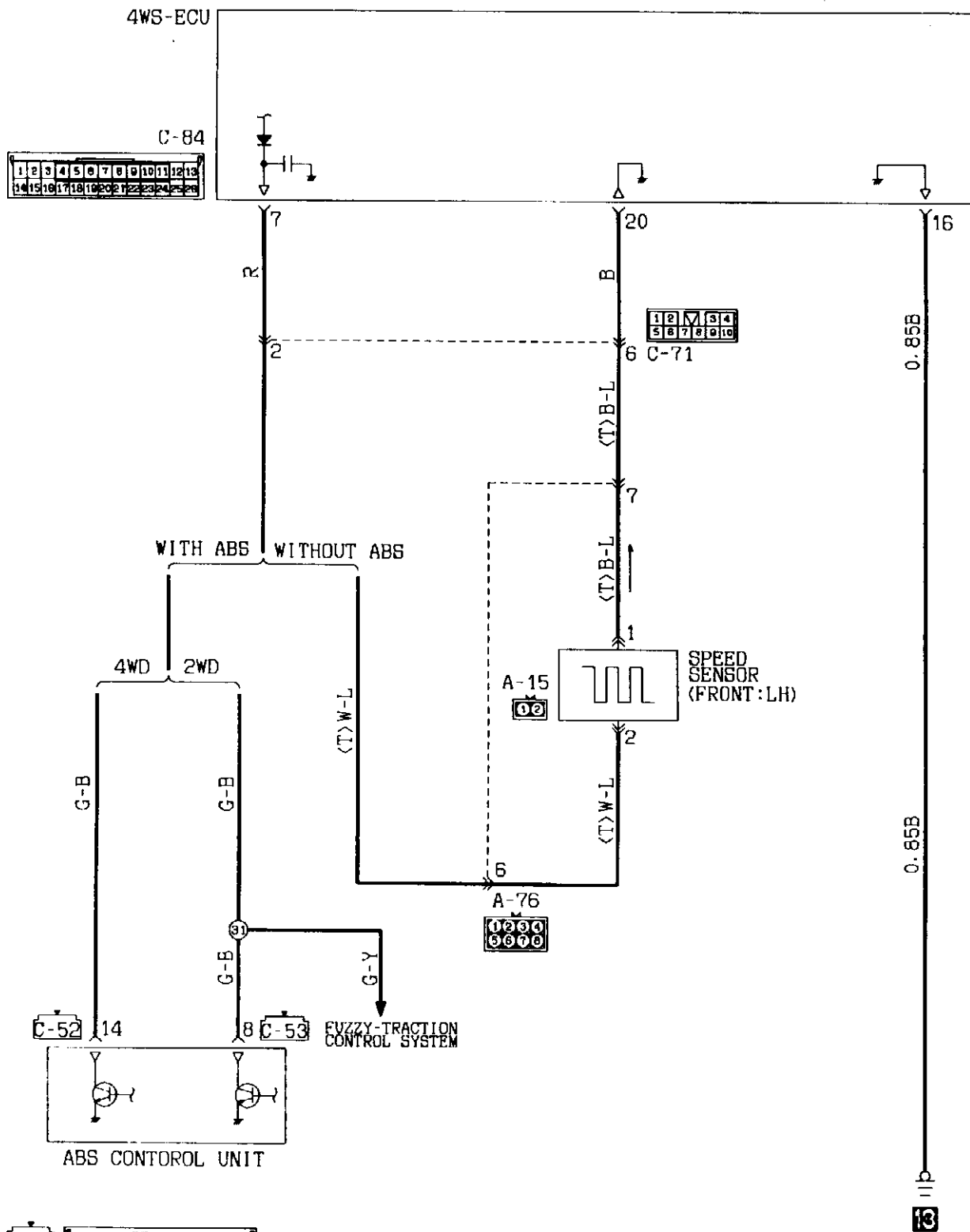
ACTIVE-4WS CONTROL SYSTEM  
(L.H. drive vehicles) (CONTINUED)







ACTIVE-4WS CONTROL SYSTEM  
(L.H. drive vehicles)(CONTINUED)



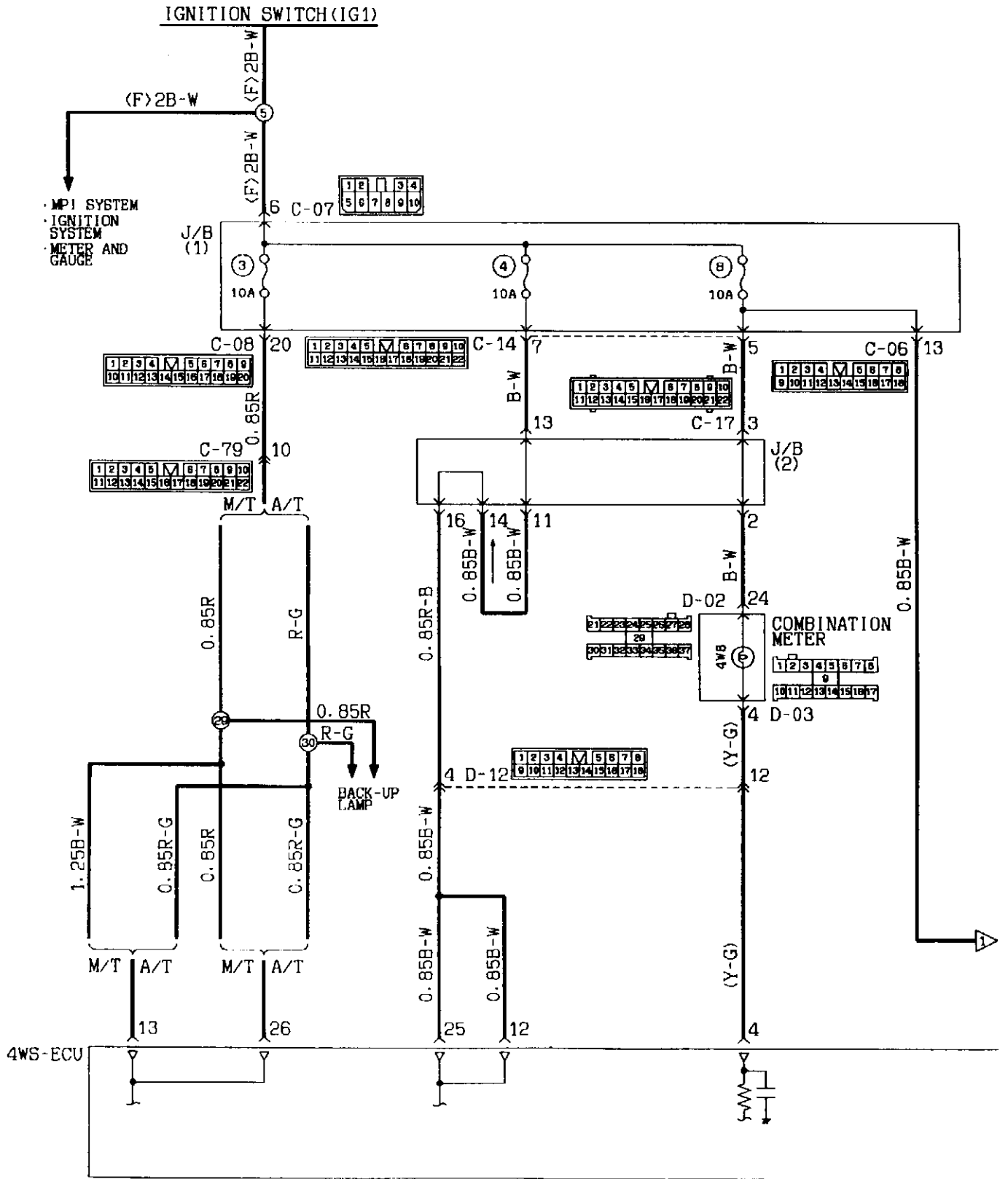
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red  
 W:White SB:Sky blue P:Pink Y:Yellow  
 V:Violet

KX35-AC-F1509B-EC

NOTES

# ACTIVE-4WS CONTROL SYSTEM

## R.H. drive vehicles

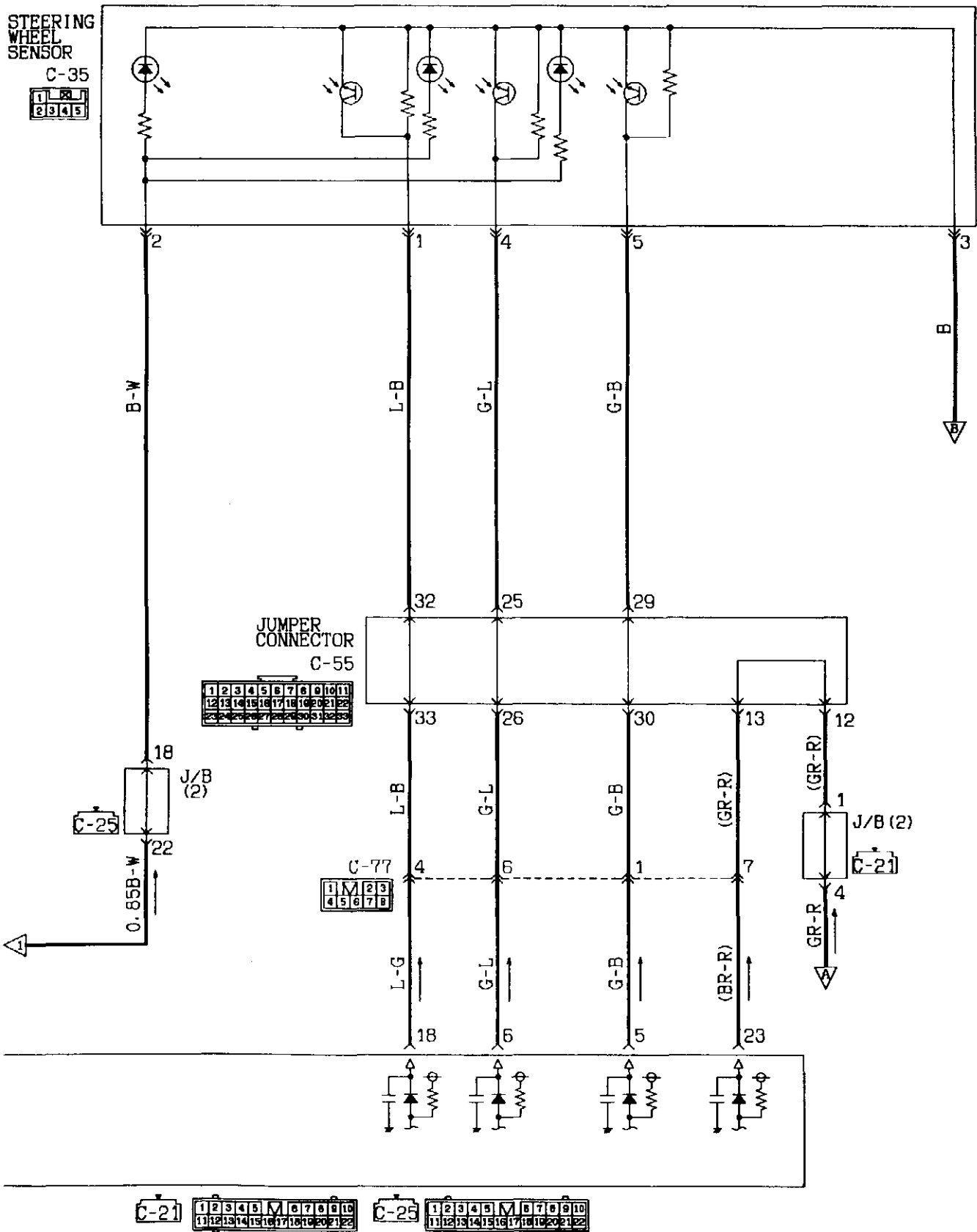


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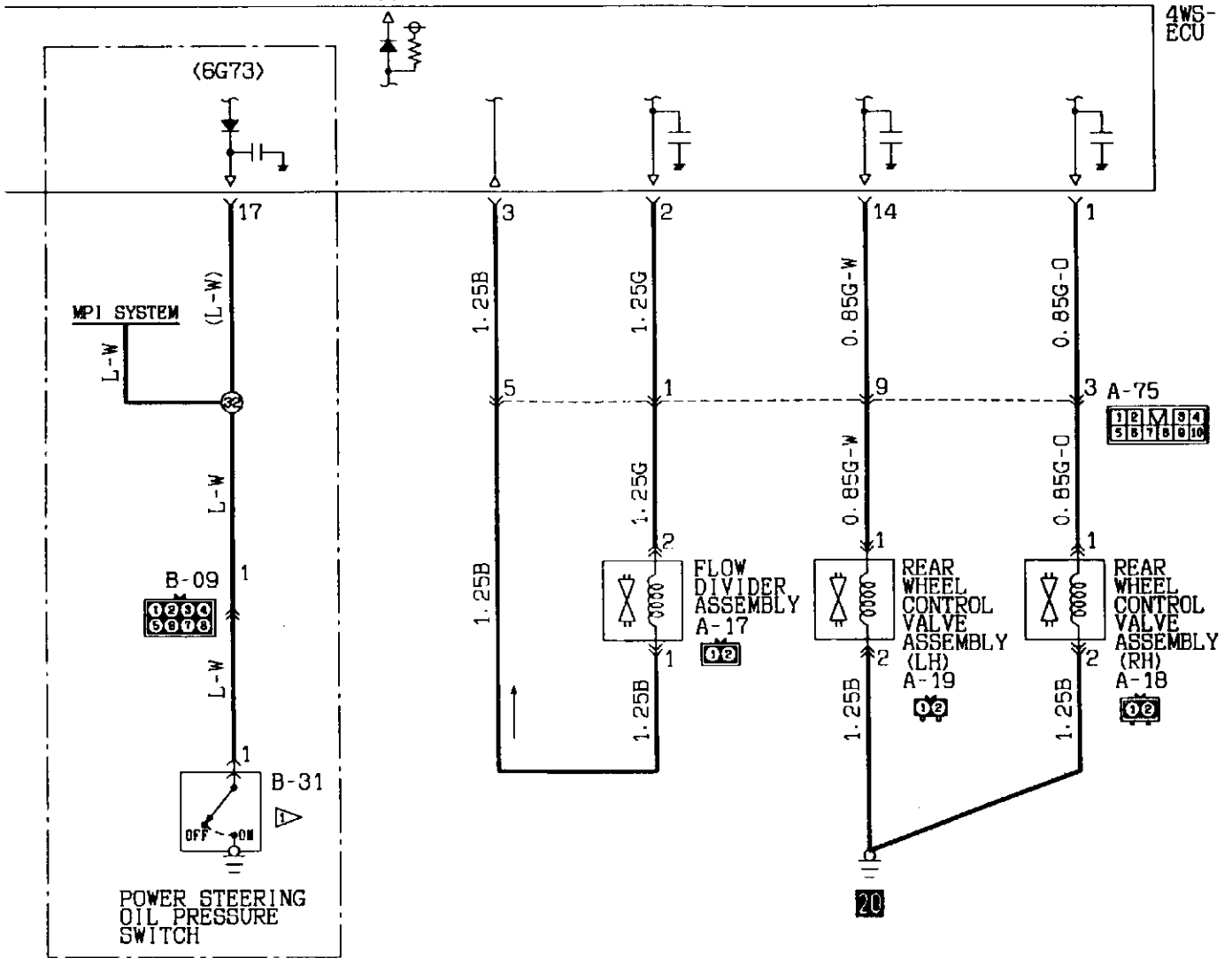
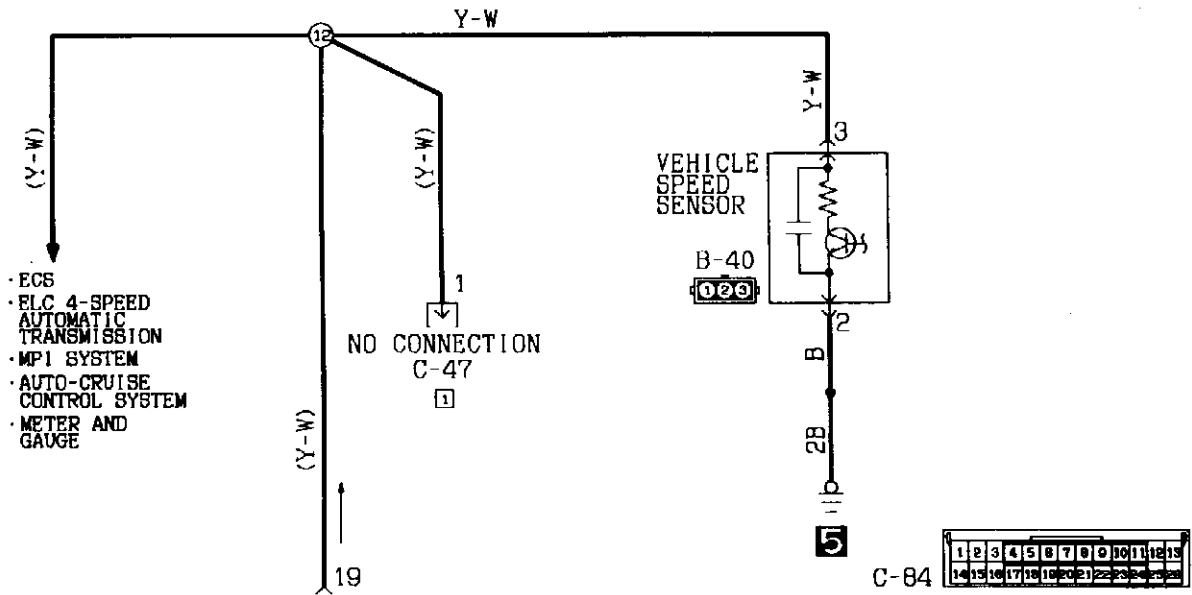
|    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

Wire colour code  
 B:Black LG:Light green G:Green L:Blue  
 BR:Brown O:Orange GR:Gray R:Red  
 W:White SB:Sky blue P:Pink Y:Yellow  
 V:Violet

KX35-AC-F1510-EC

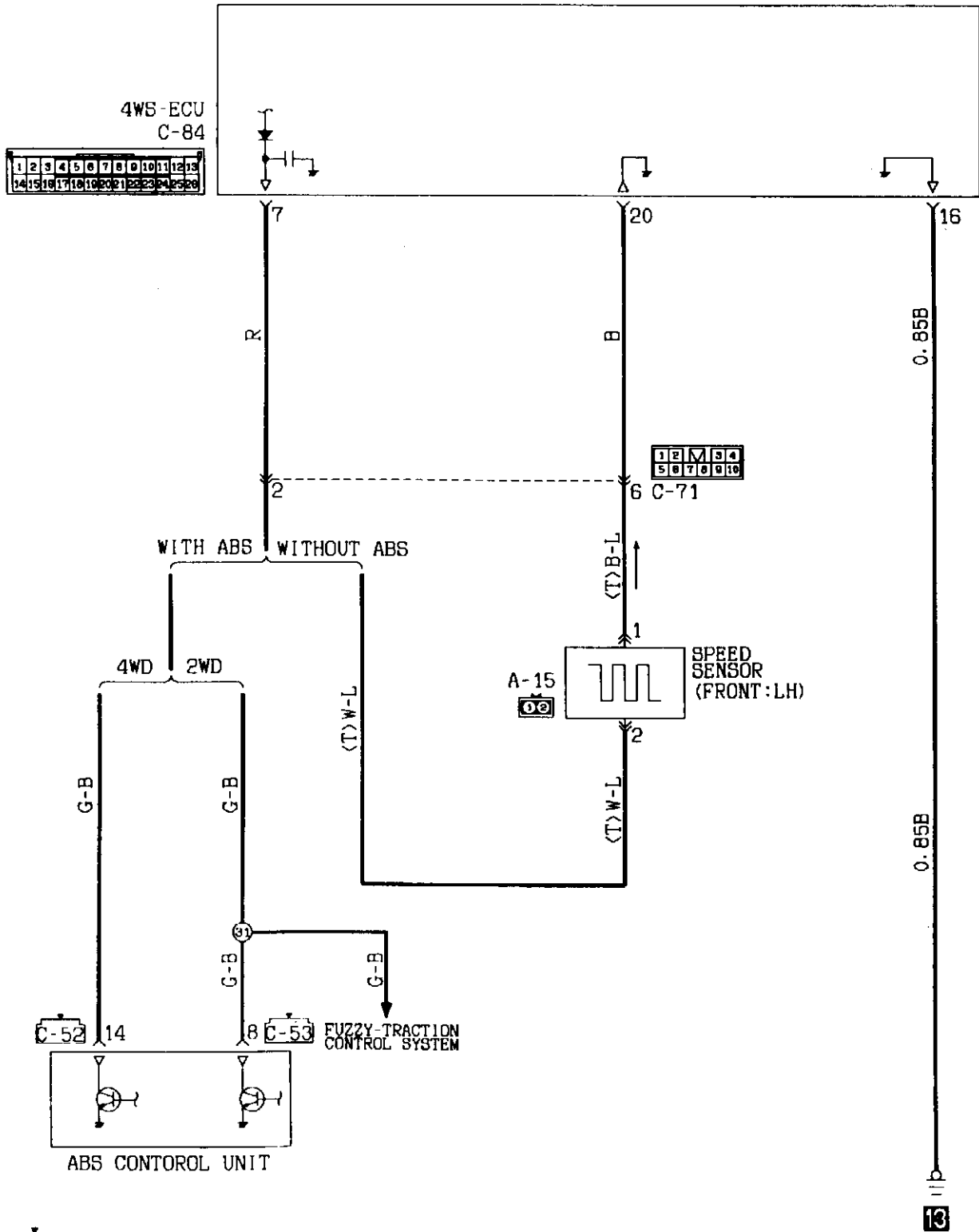






Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

ACTIVE-4WS CONTROL SYSTEM  
(R. H. drive vehicles) (CONTINUED)



Wire colour code  
 B:Black LG:Light green G:Green L:Blue  
 BR:Brown O:Orange GR:Gray R:Red  
 W:White SB:Sky blue P:Pink Y:Yellow  
 V:Violet

KX35-AC-F15105-EC

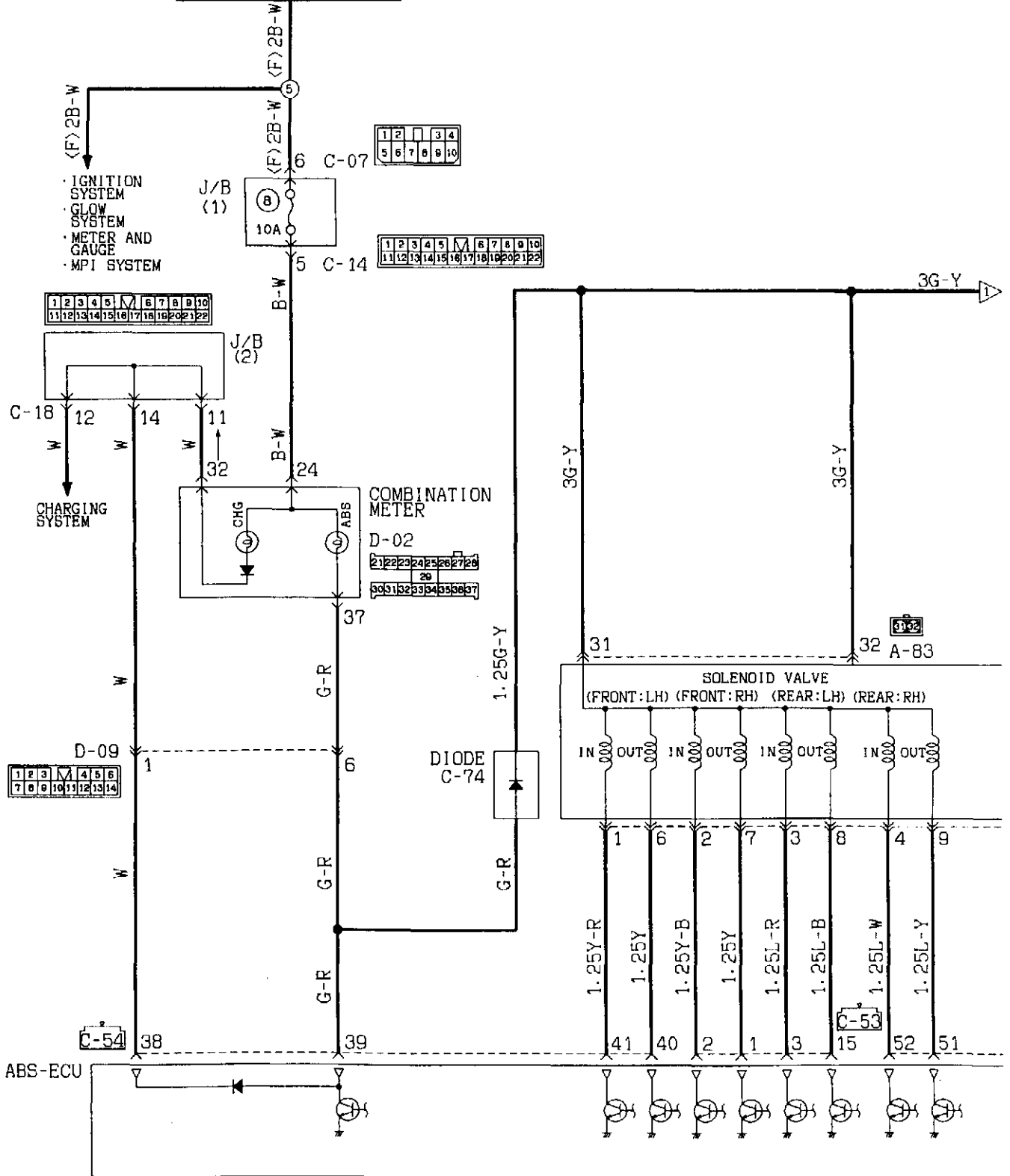
**NOTES**



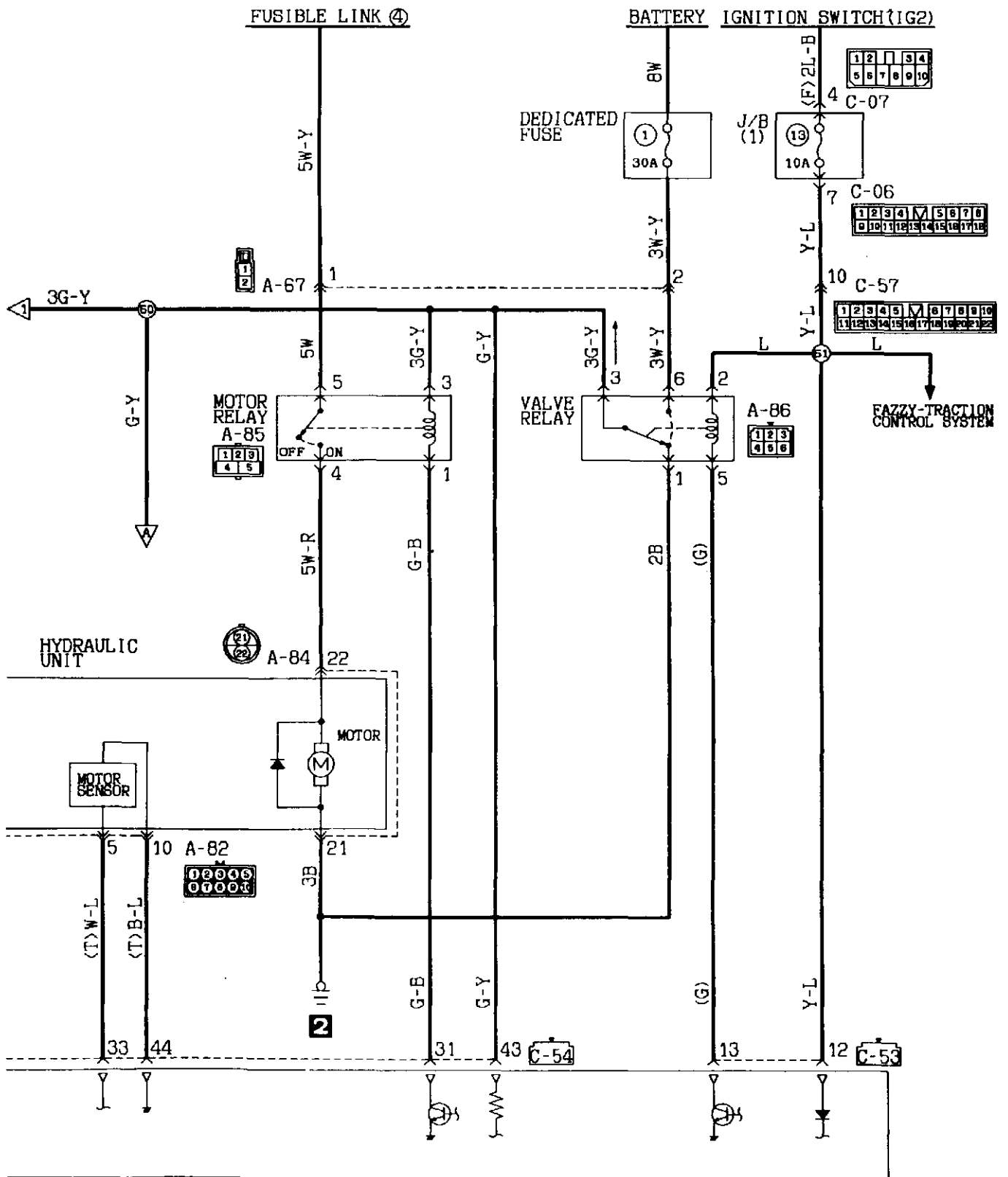
# ANTI-SKID BRAKE SYSTEM

## 2WD<L.H. drive vehicles>

IGNITION SWITCH(IG1)

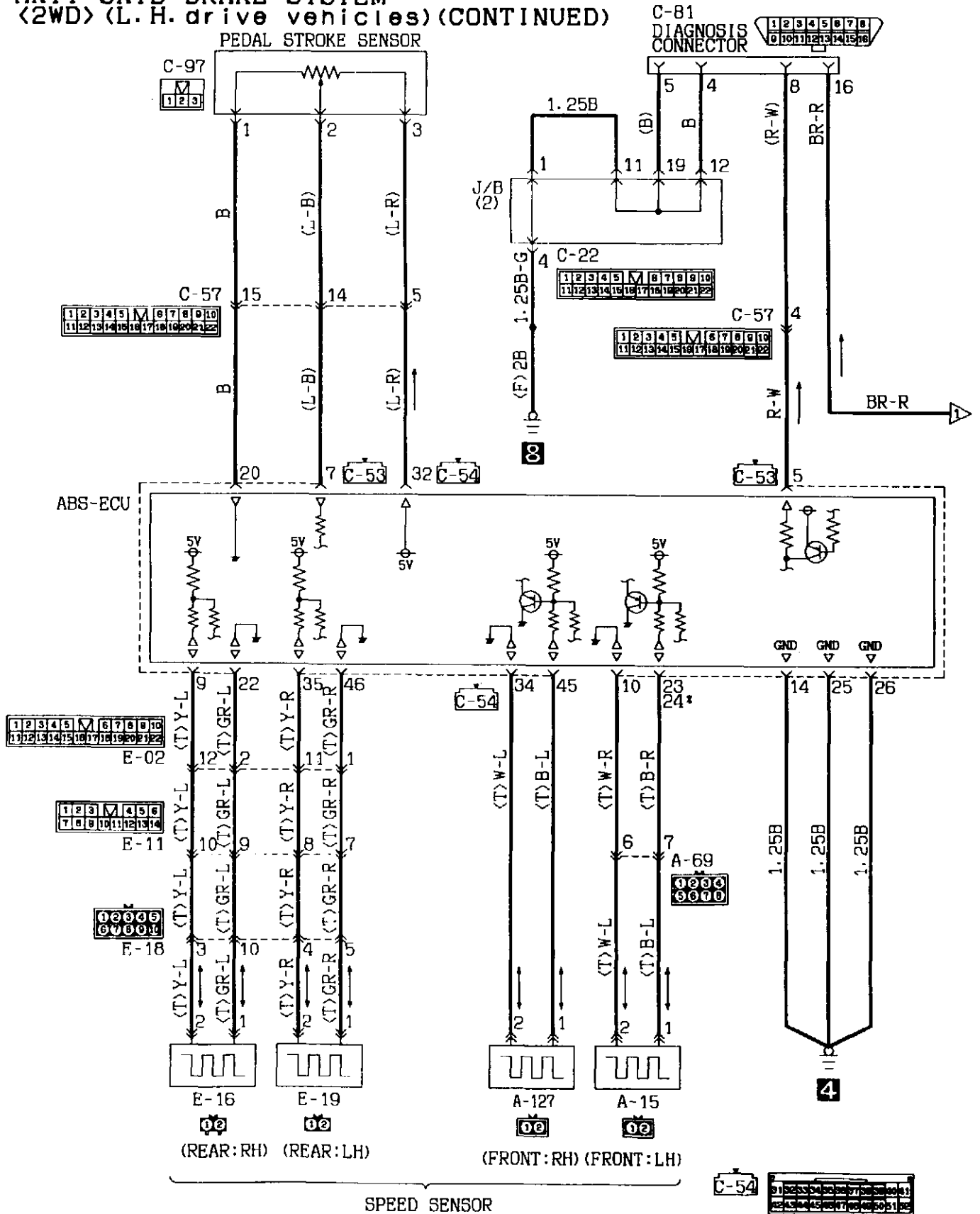


KX35-AC-F1538-EC

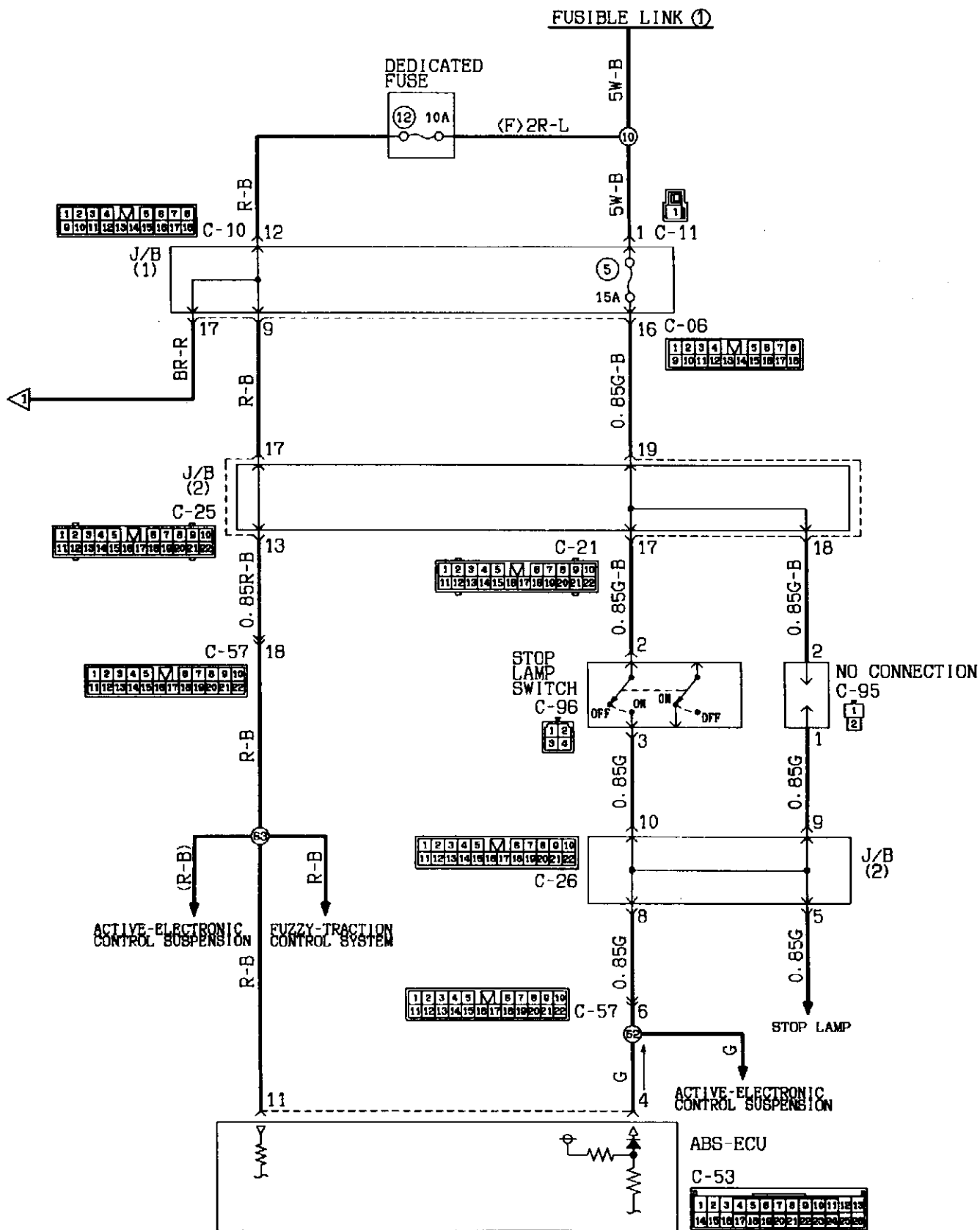


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

ANTI-SKID BRAKE SYSTEM  
(2WD) (L. H. drive vehicles) (CONTINUED)

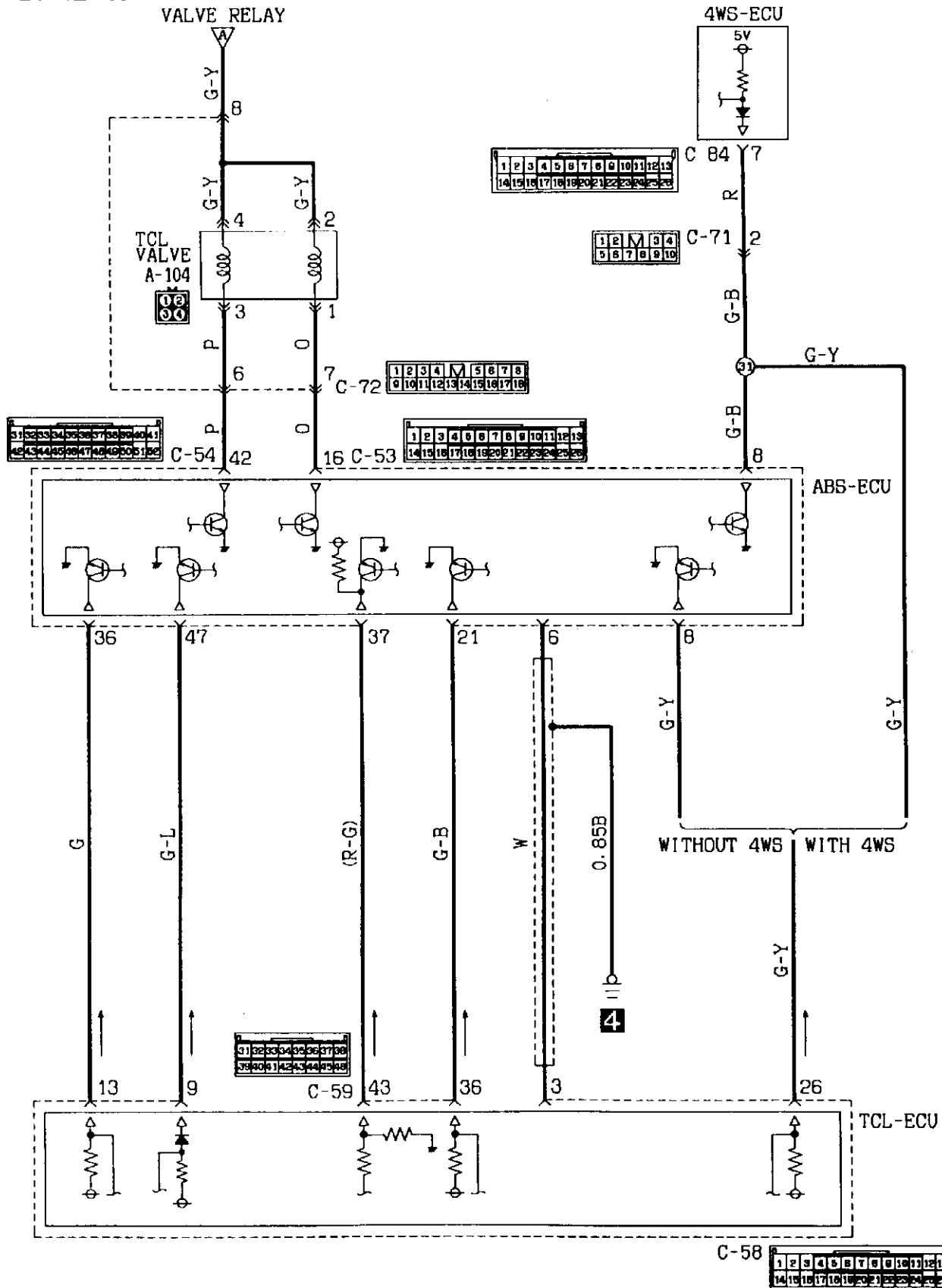


Remarks  
\*: Vehicles with TCL.



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

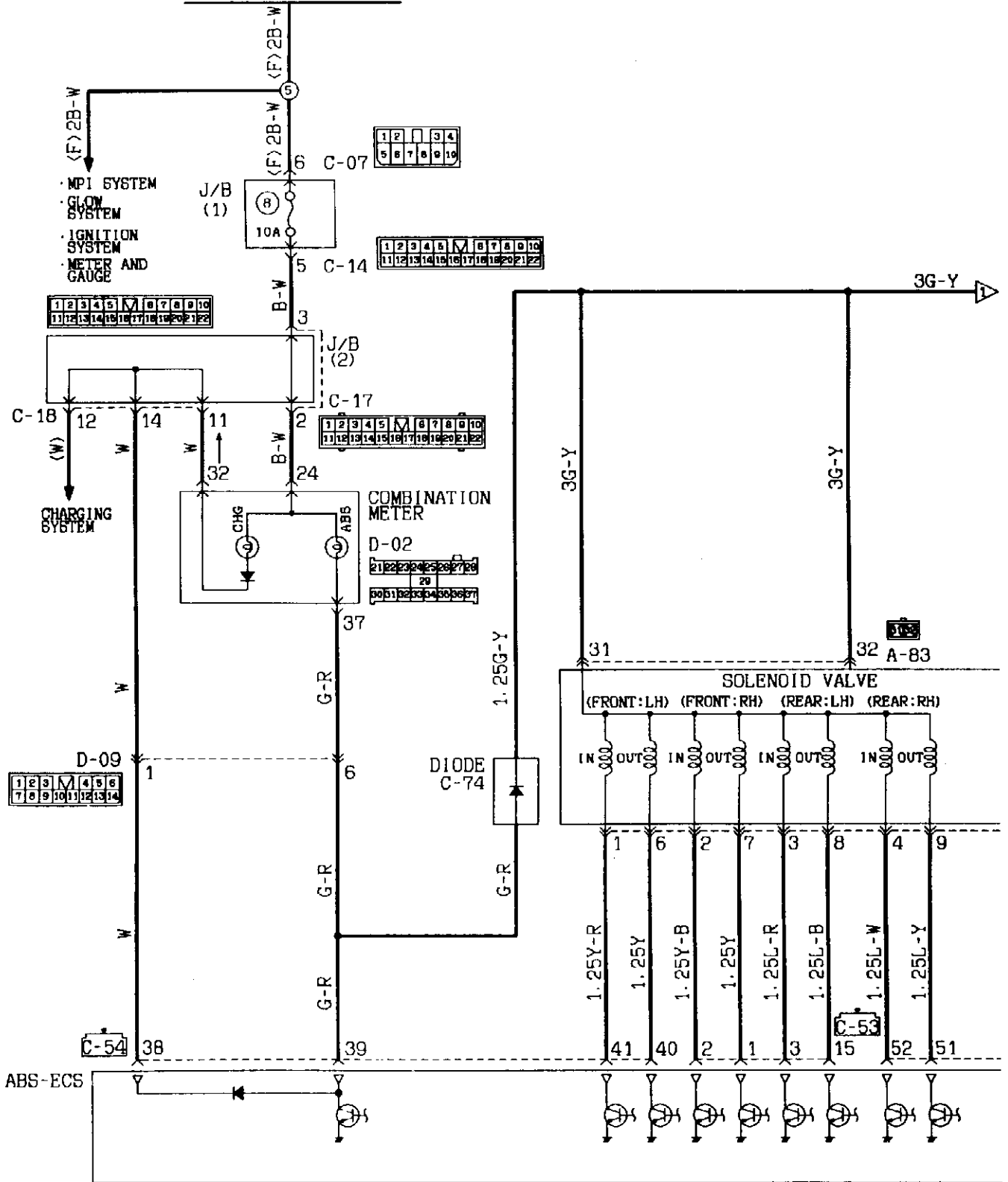
ANTI-SKID BRAKE SYSTEM  
(2WD) (L.H. drive vehicles) (CONTINUED)



Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

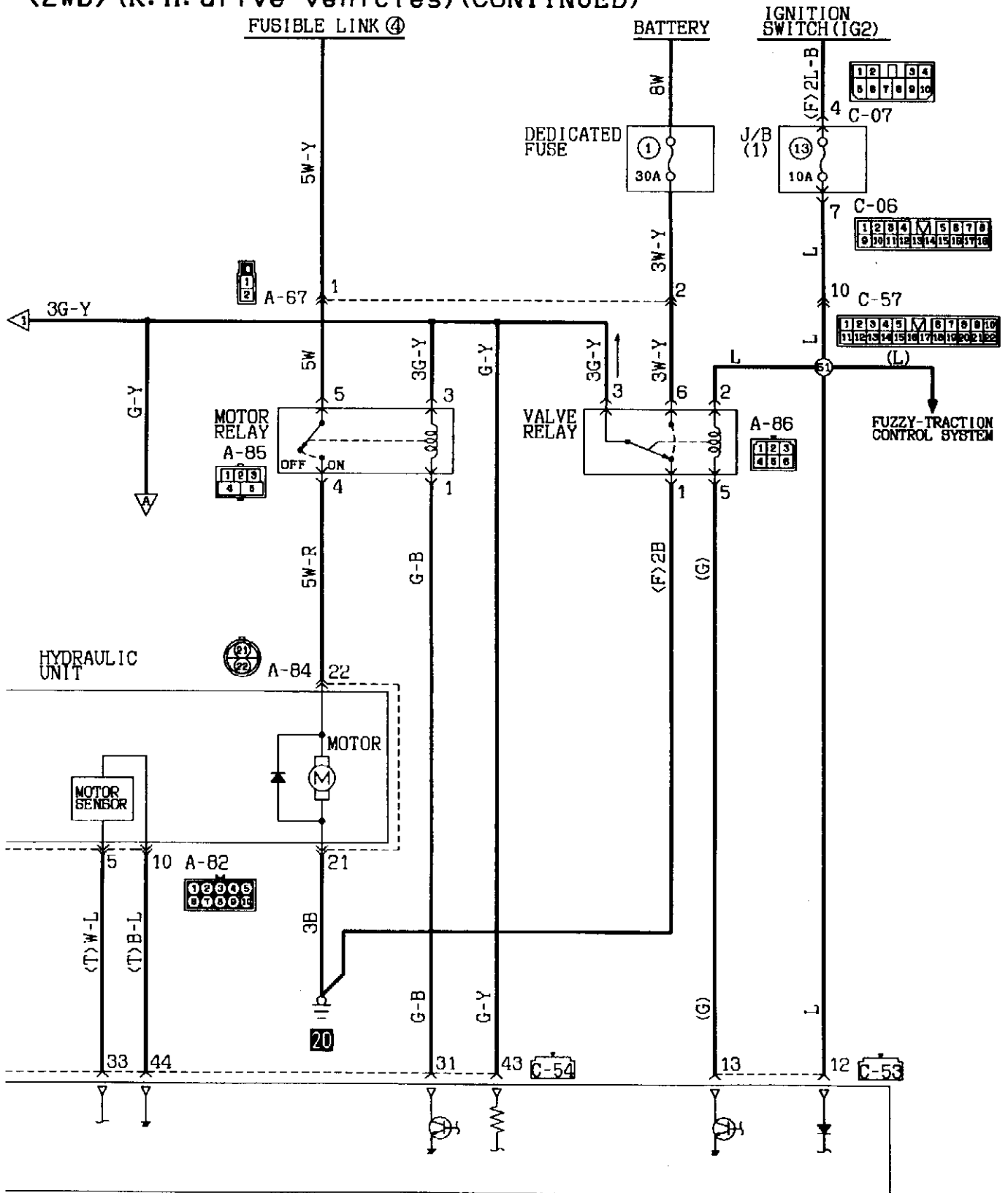
# ANTI-SKID BRAKE SYSTEM

2WD<R. H. drive vehicles>  
IGNITION SWITCH (IG1)

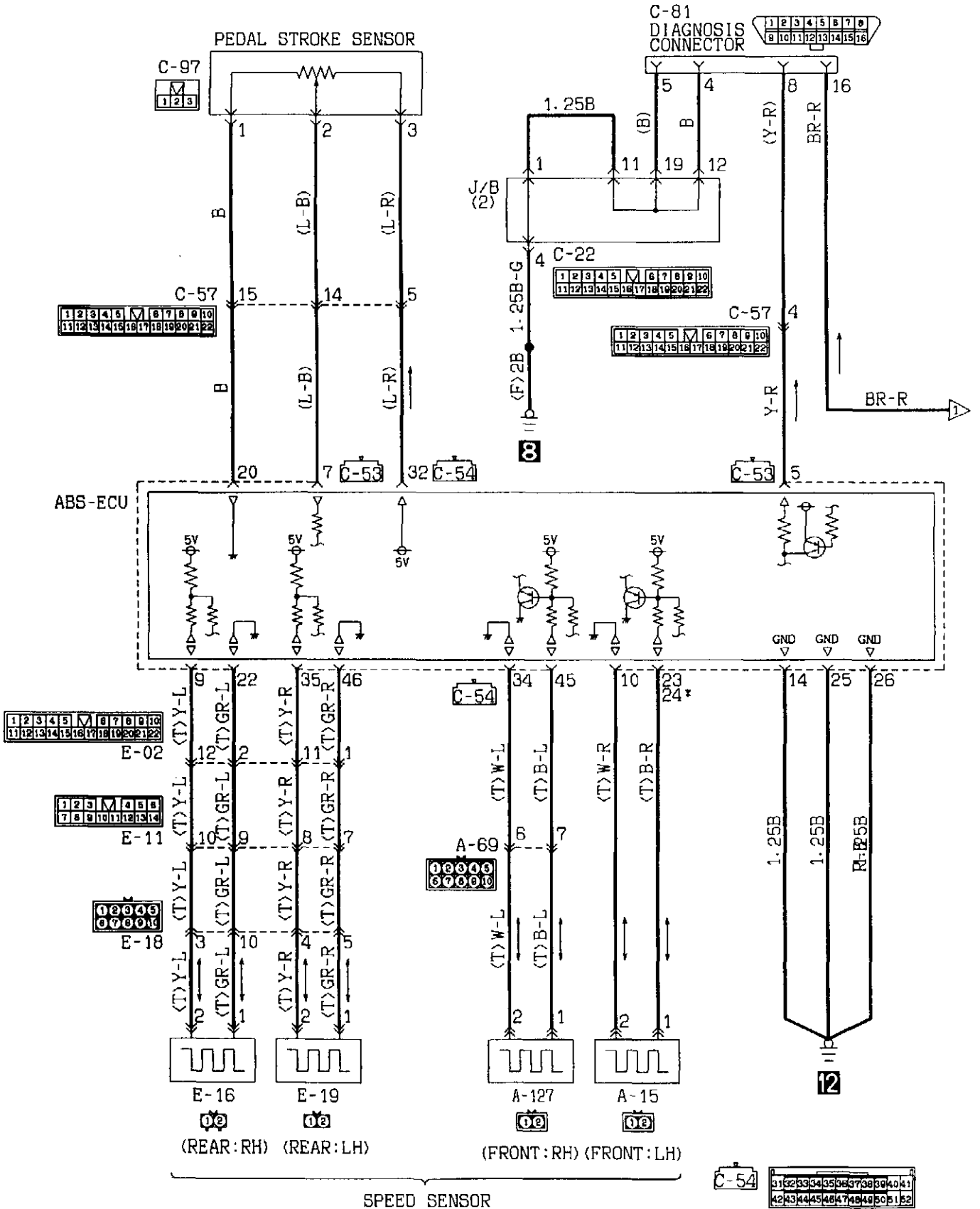


KX35-AC-F1518-EC

ANTI-SKID BRAKE SYSTEM  
(2WD) (R. H. drive vehicles) (CONTINUED)



Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

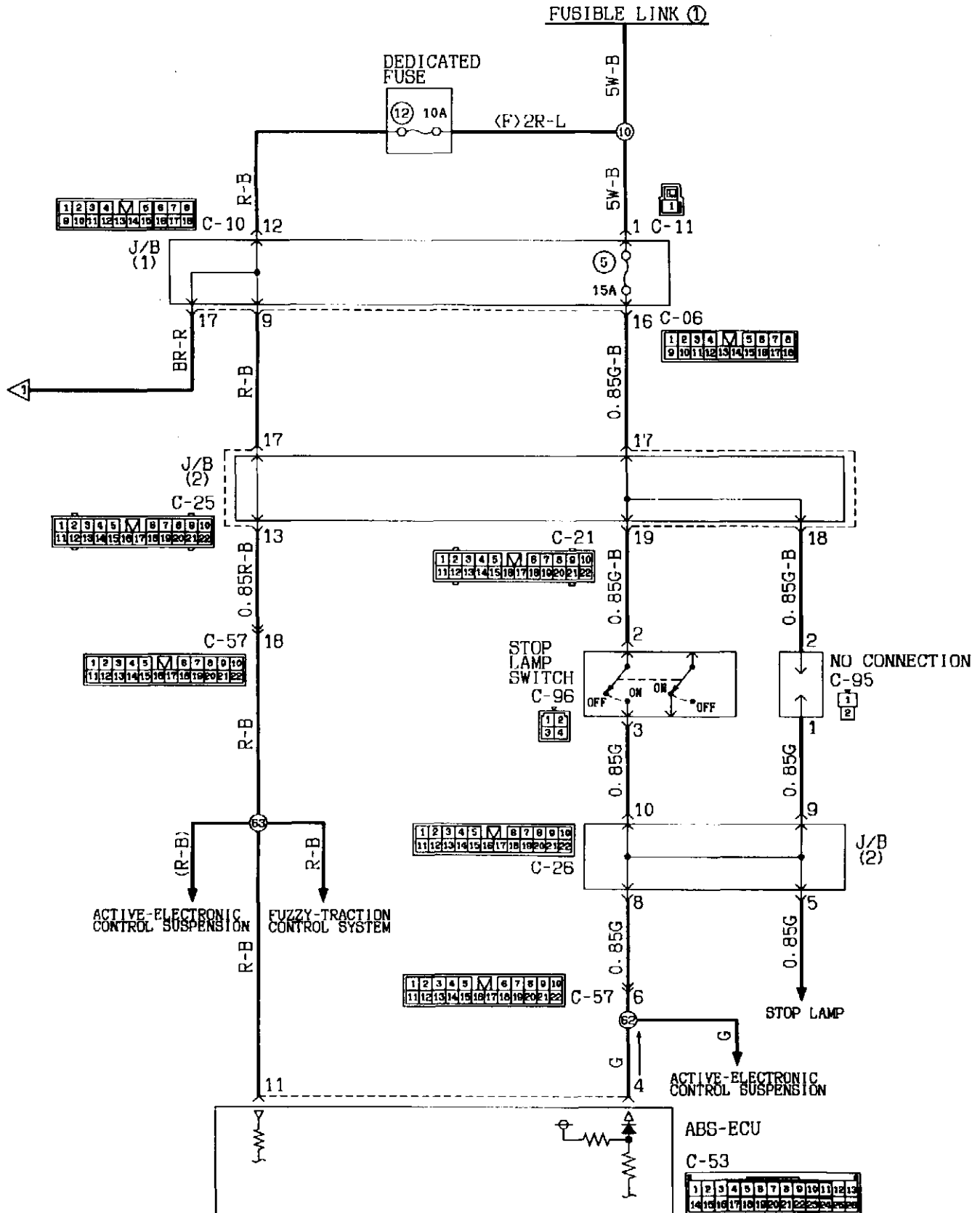


KX35-AC-F1518A1-EC

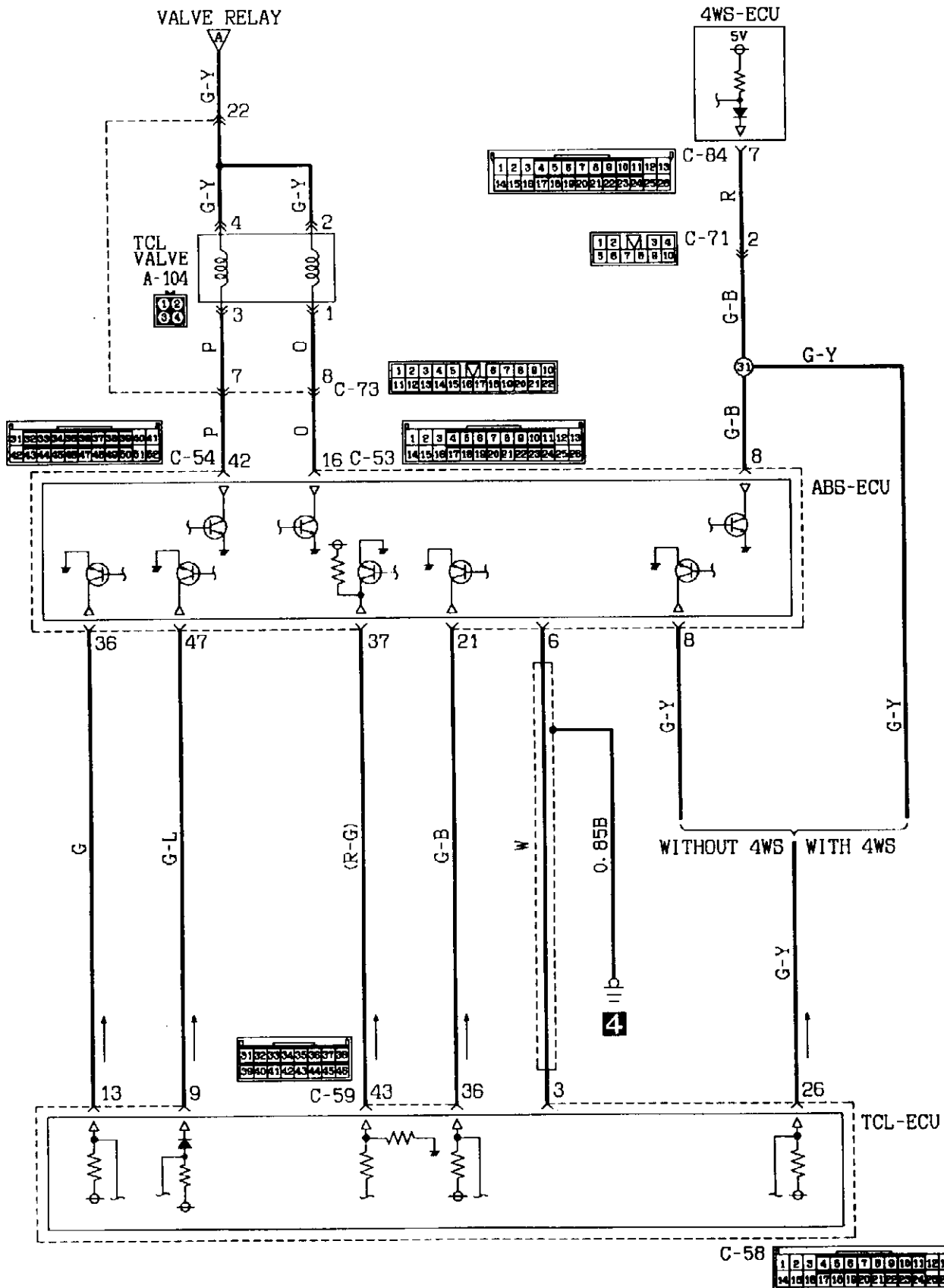
Remarks  
 \* : Vehicles with TCL.



ANTI-SKID BRAKE SYSTEM  
(2WD) (R. H. drive vehicles) (CONTINUED)



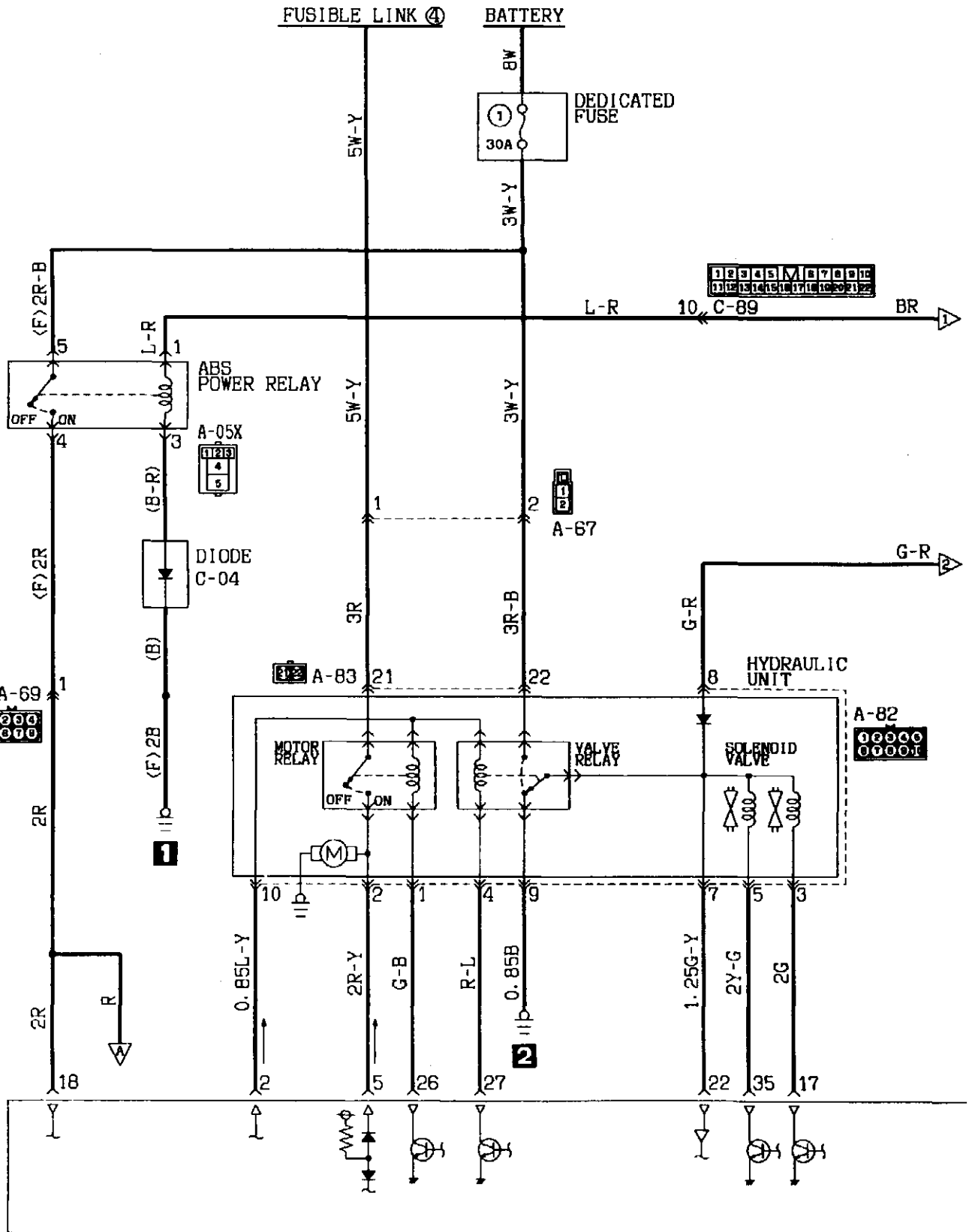
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

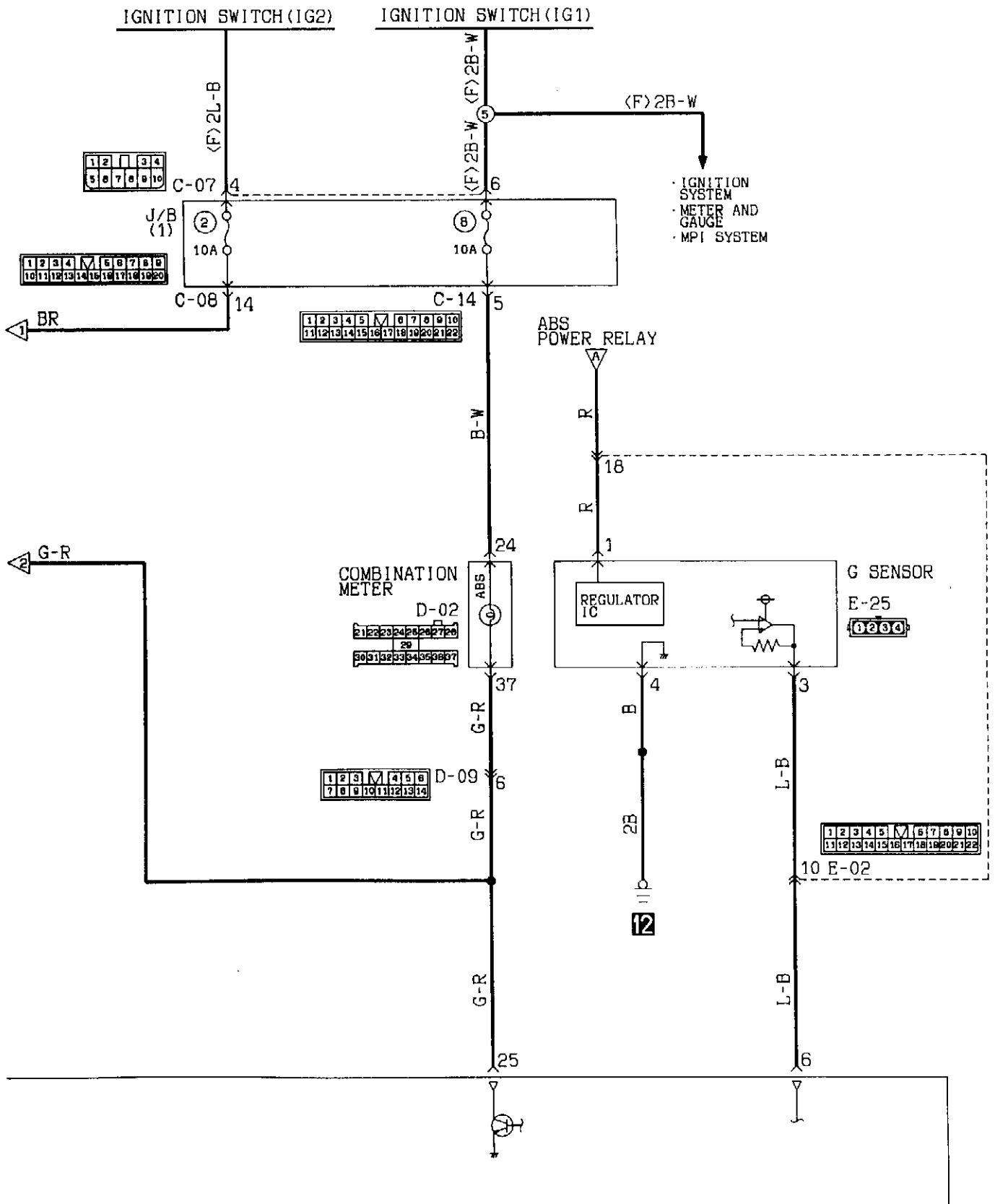
# ANTI-SKID BRAKE SYSTEM

4WD<L.H. drive vehicles>



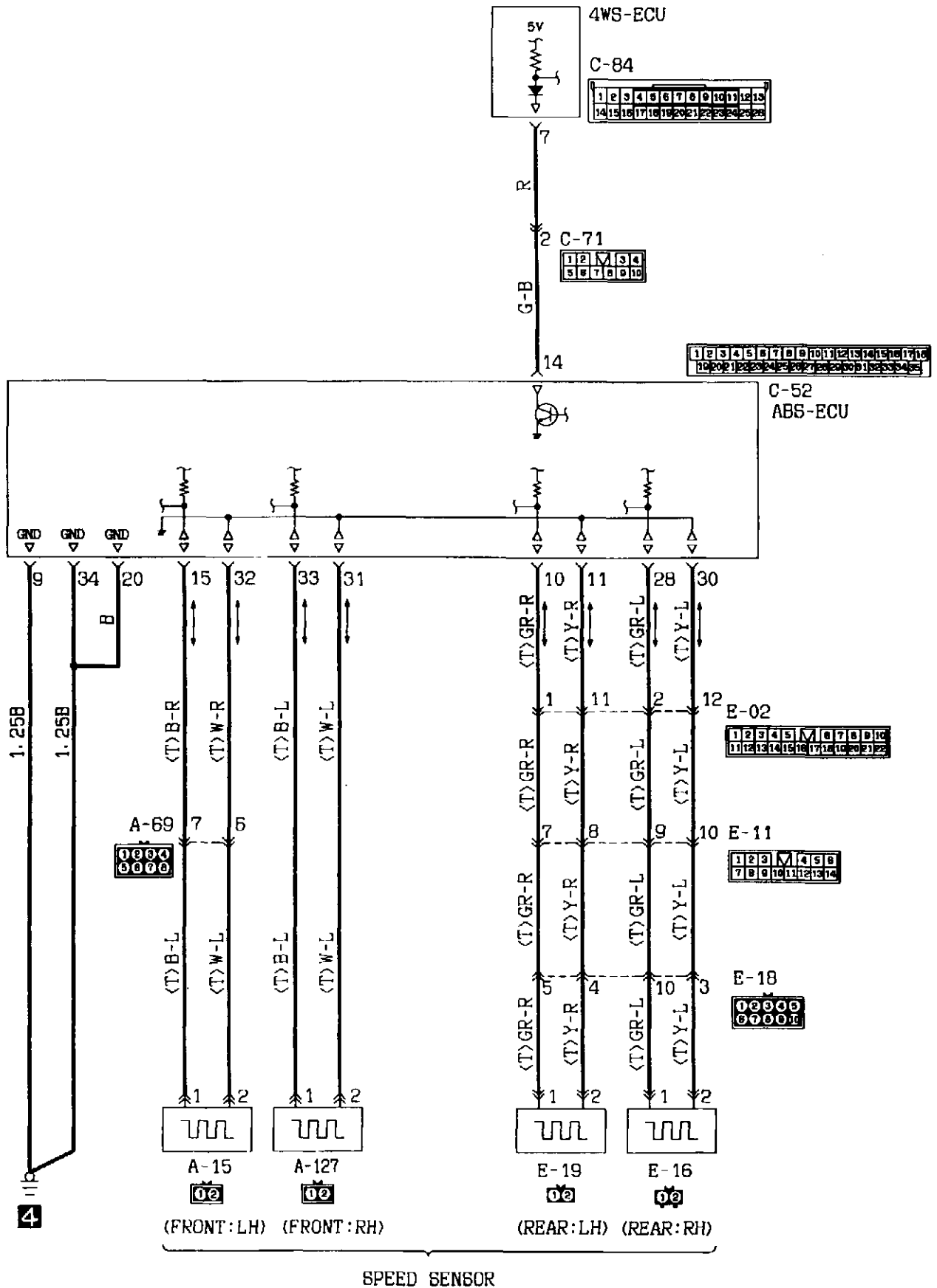
ABS-ECU

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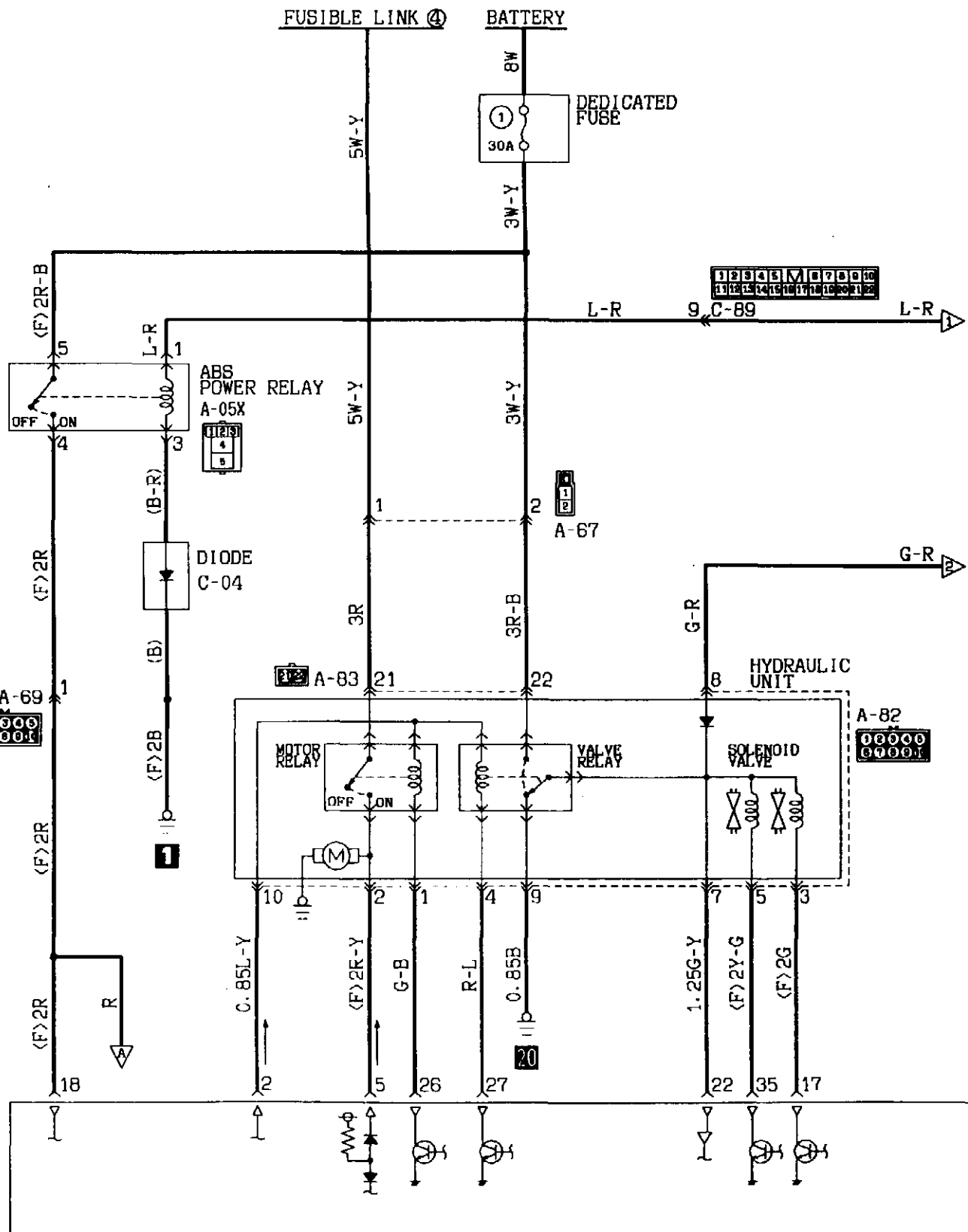
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



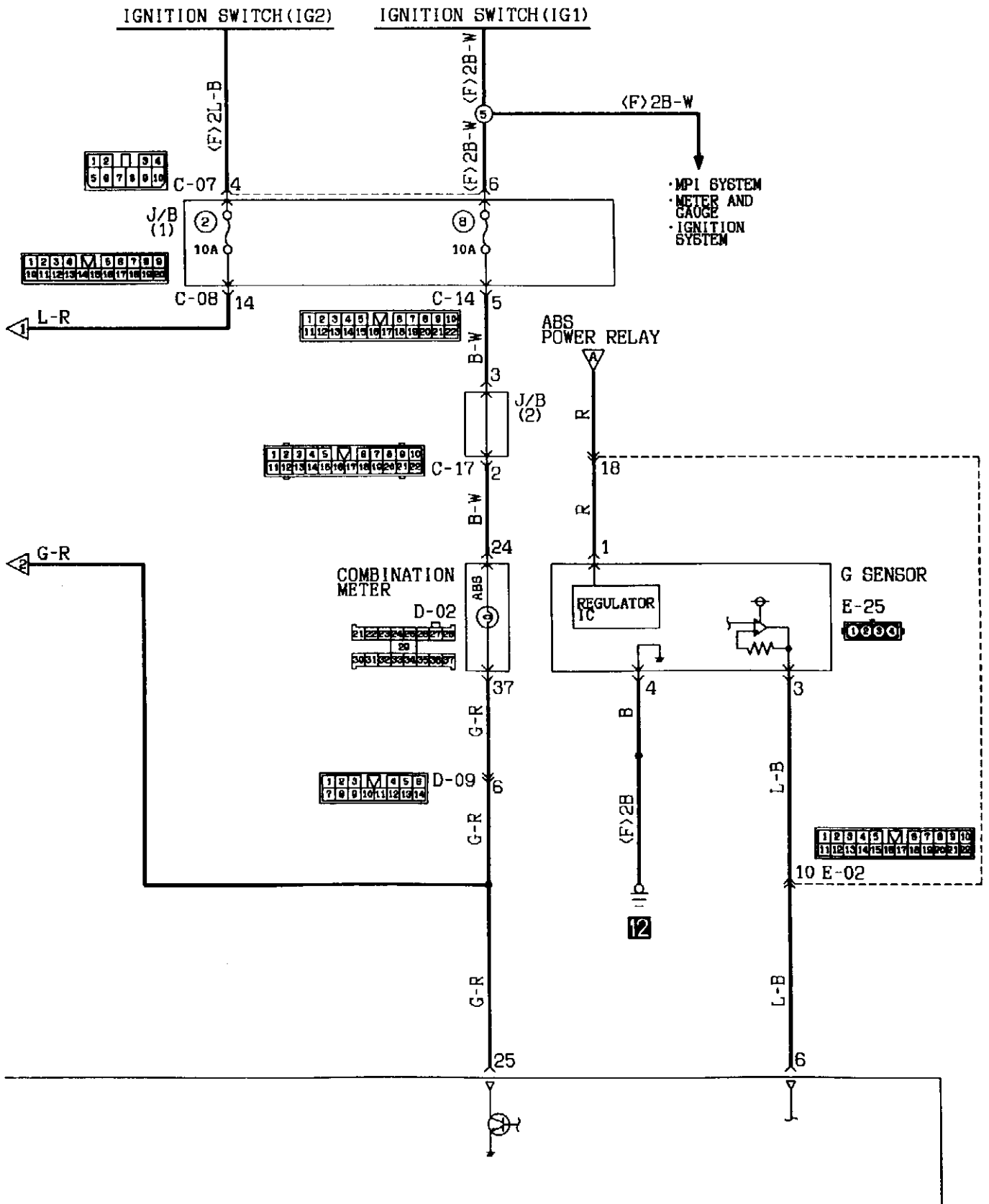


# ANTI-SKID BRAKE SYSTEM

4WD (R. H. drive vehicles)



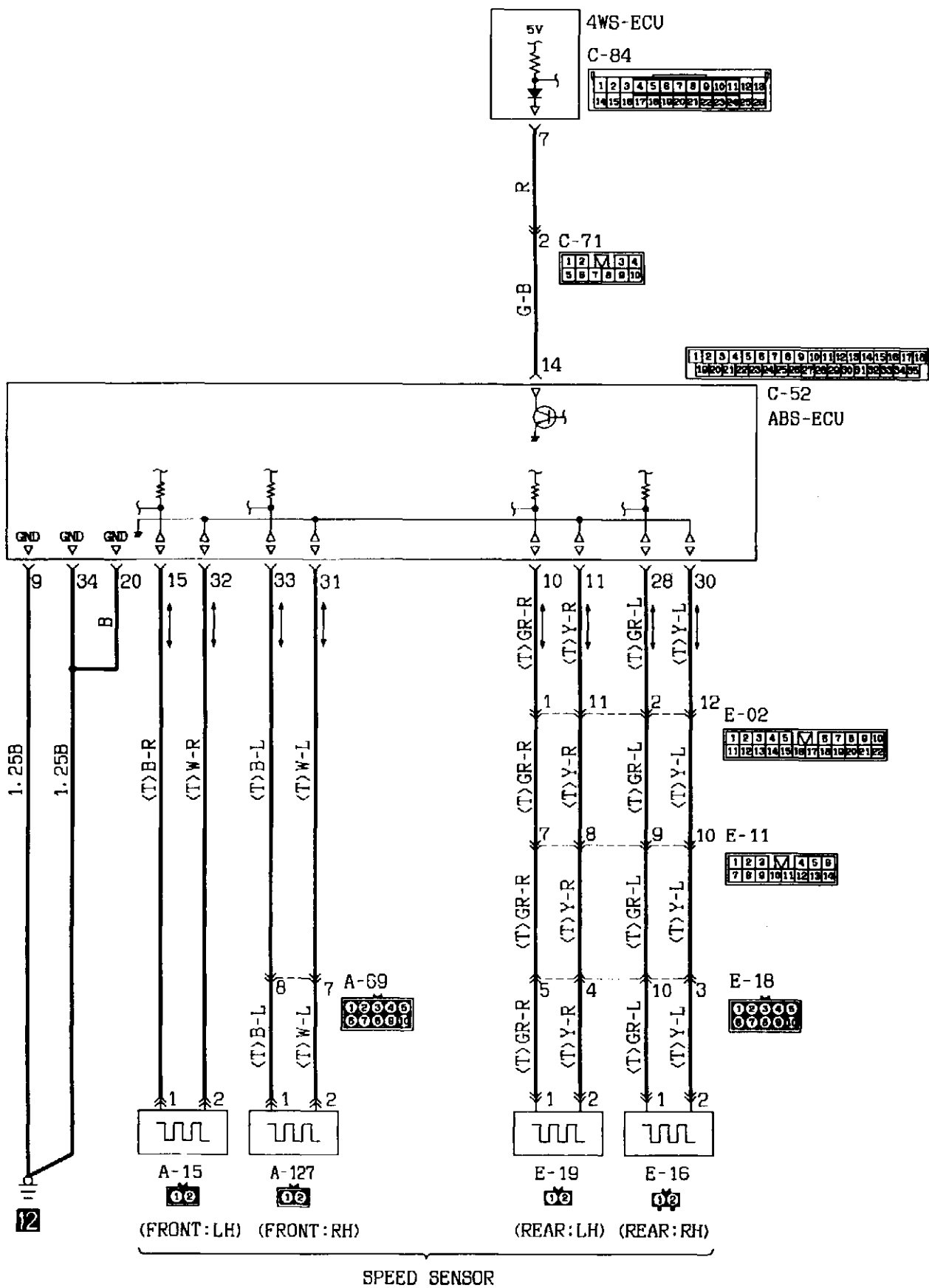
KX35-AC-F1520-EC



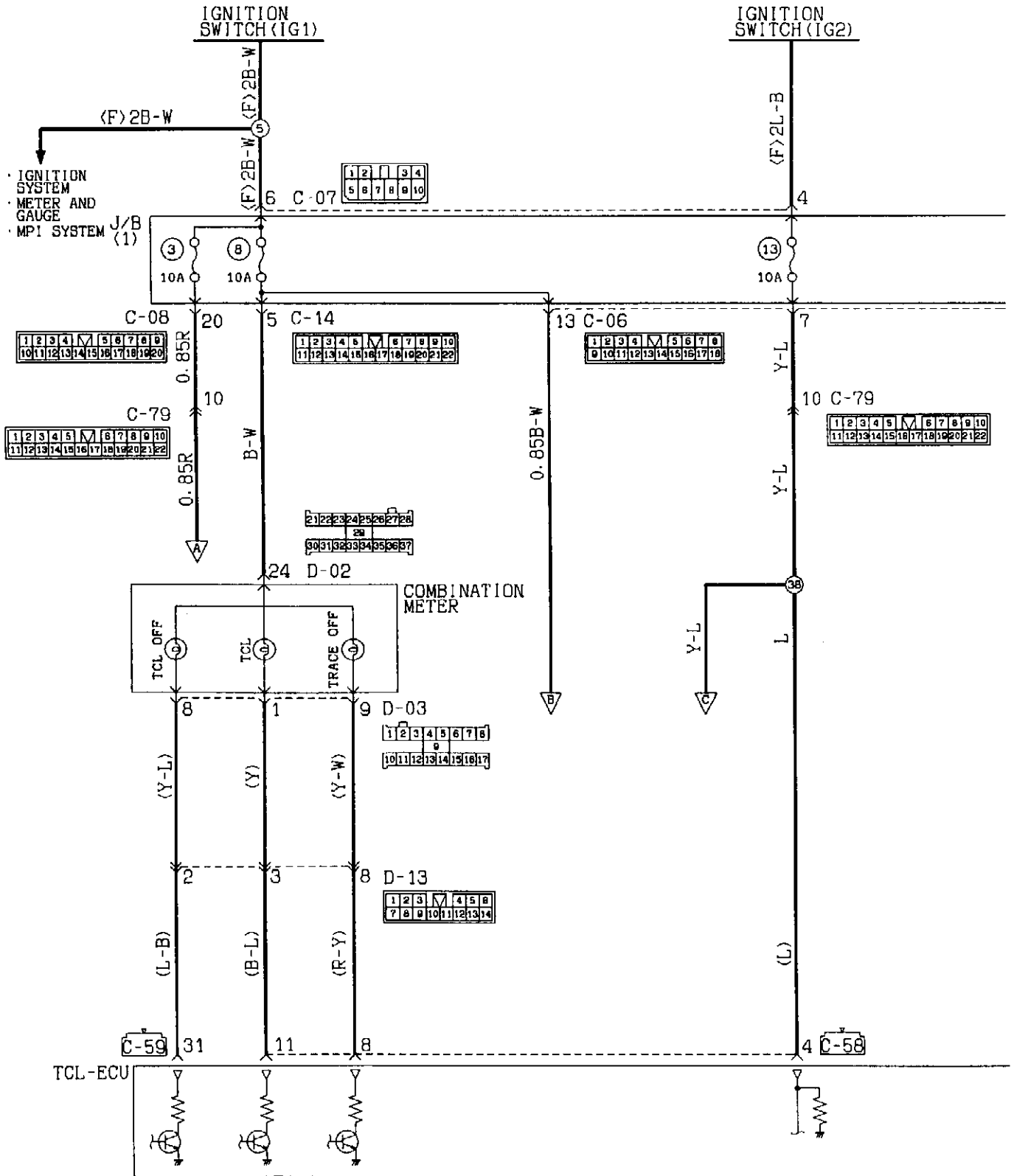
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet





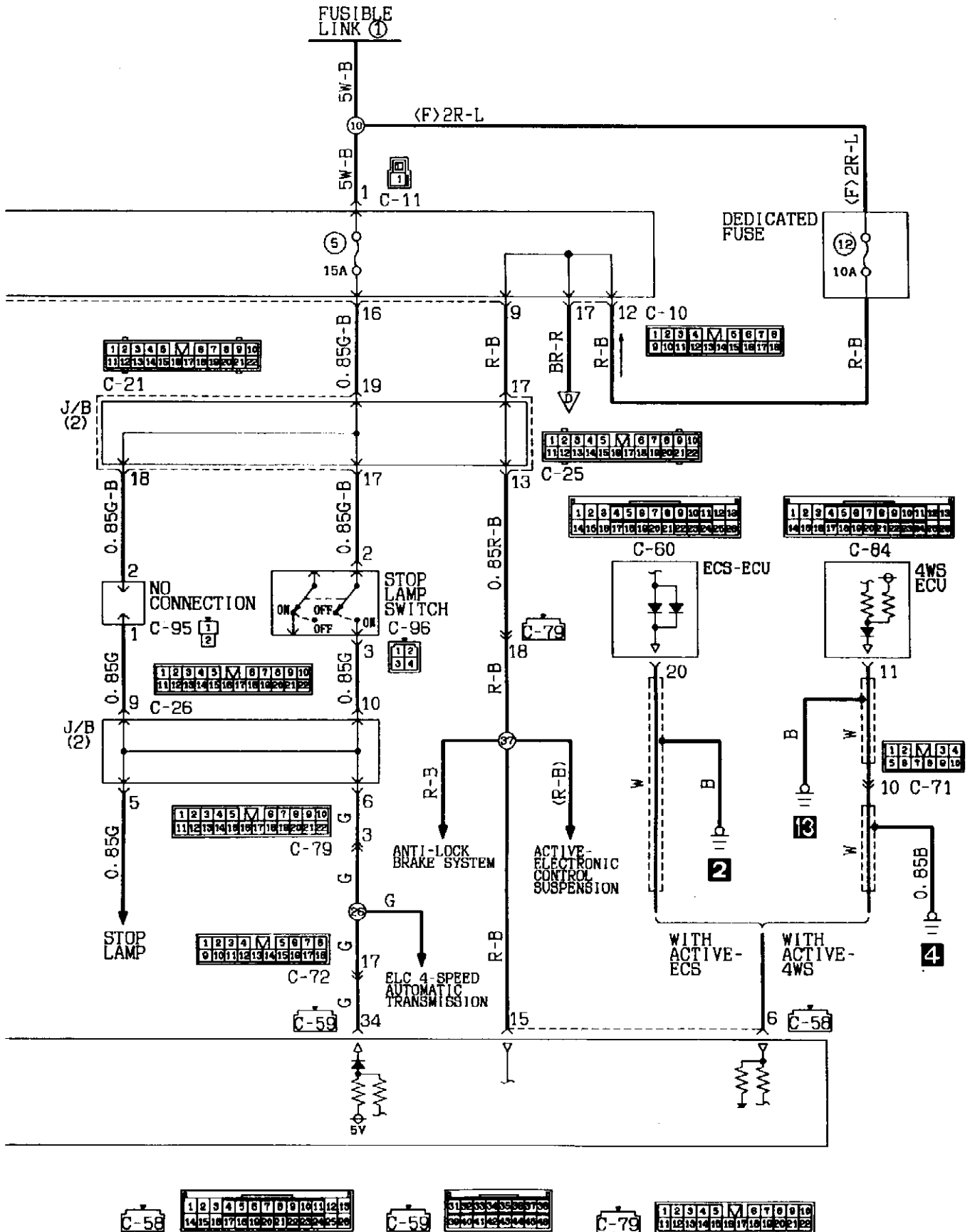


FUZZY-TRACTION CONTROL SYSTEM  
L.H. drive vehicles

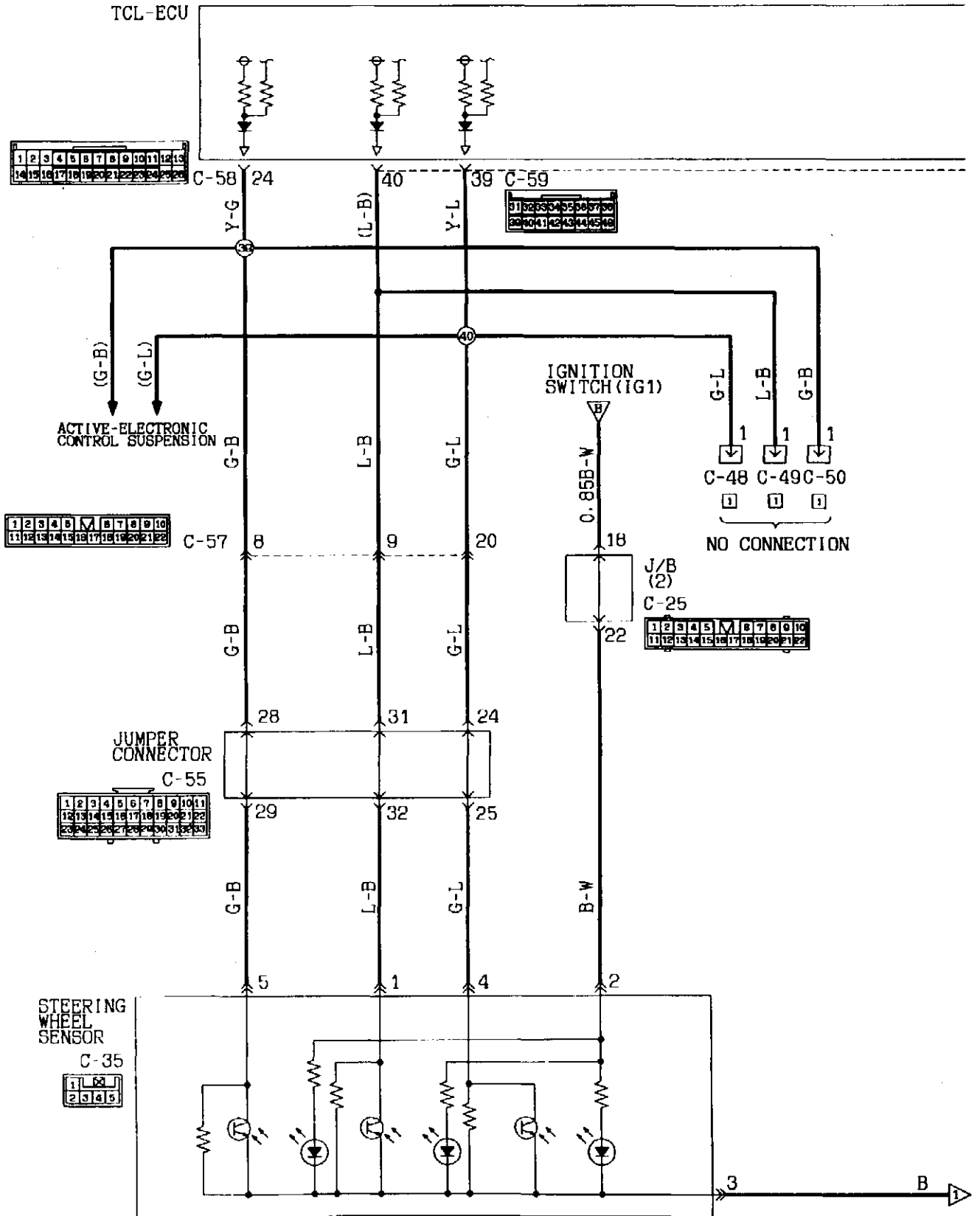


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

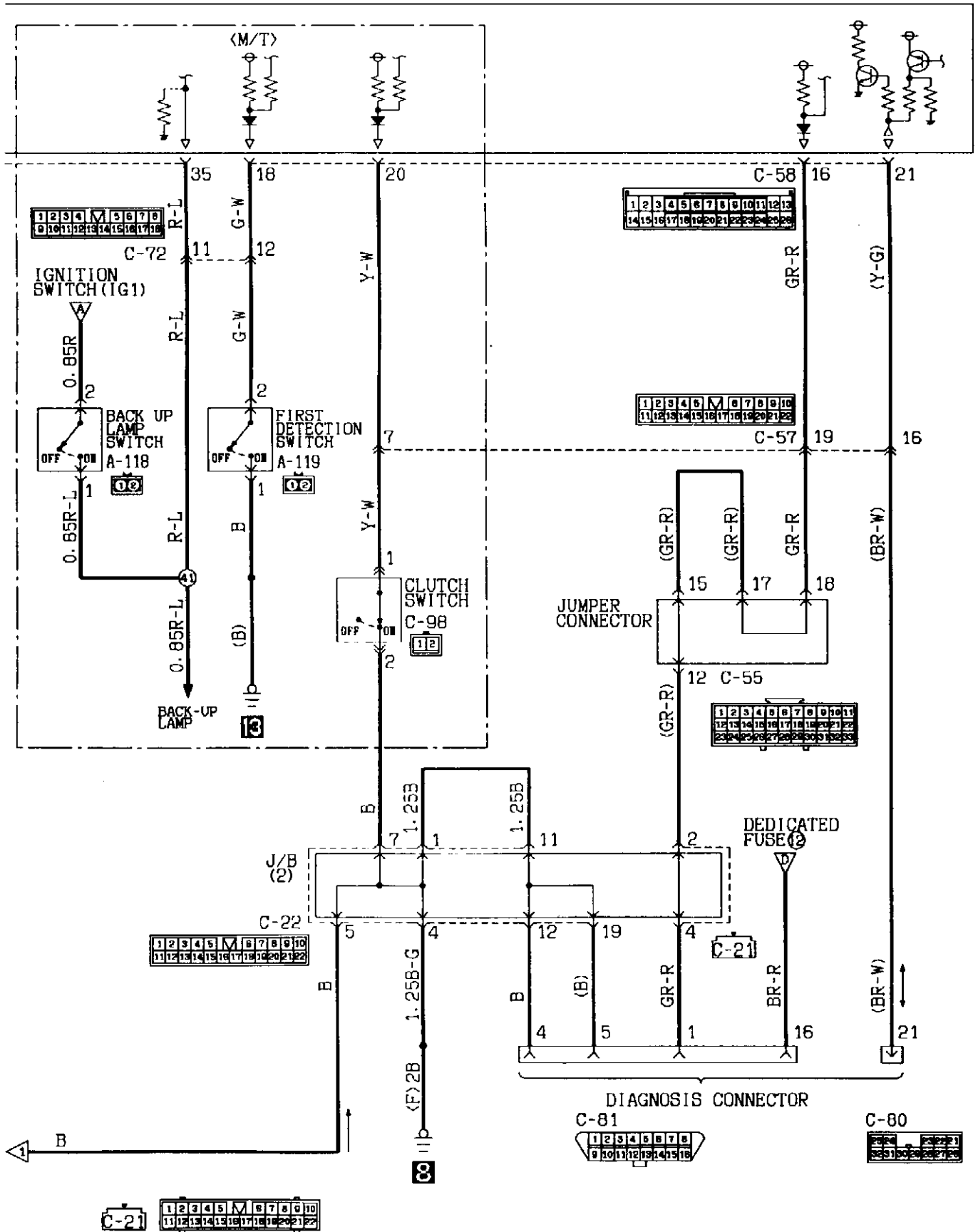
KX35-AC-F1536-EC



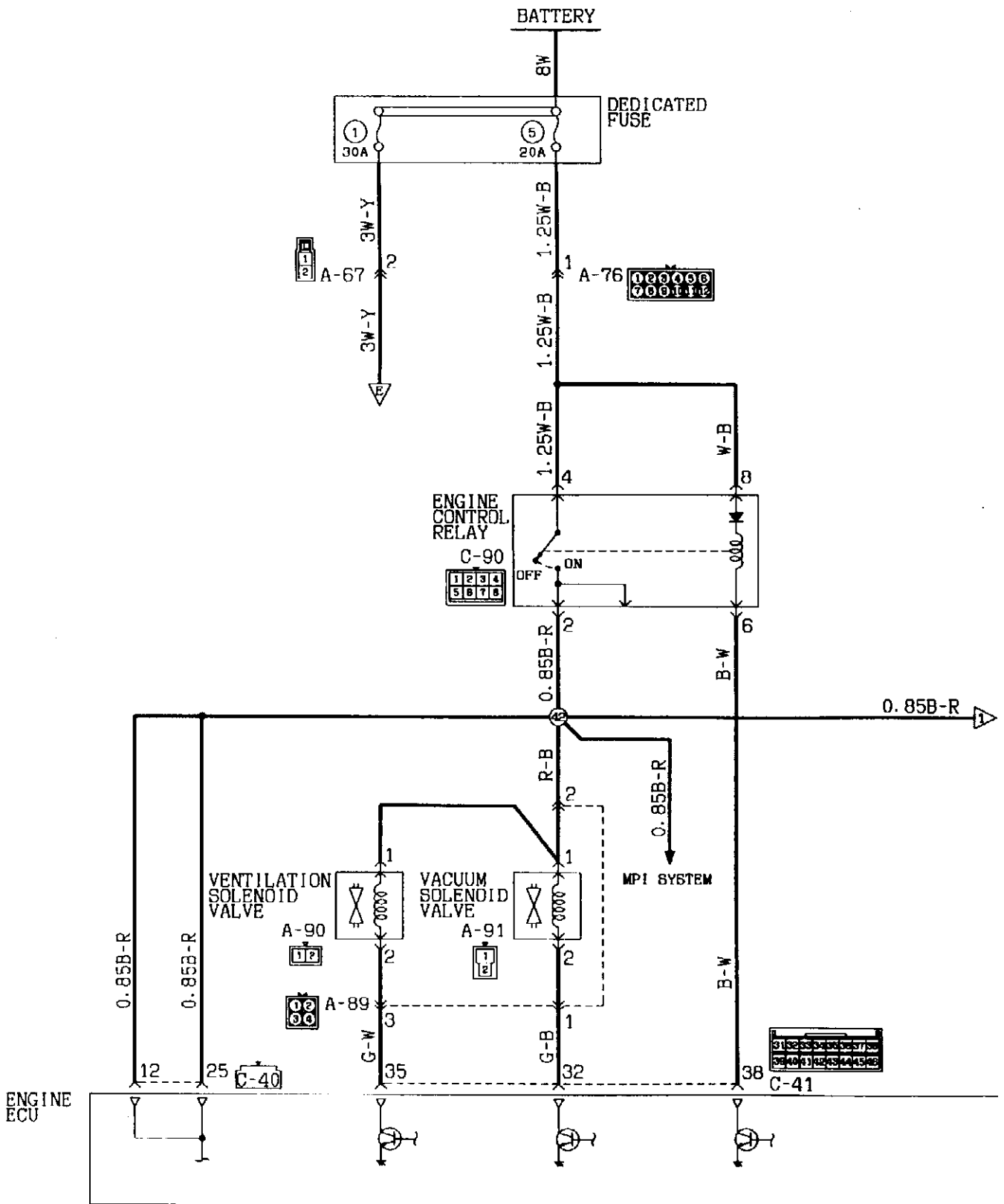
FUZZY-TRACTION CONTROL SYSTEM  
(L.H. drive vehicles)(CONTINUED)



Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

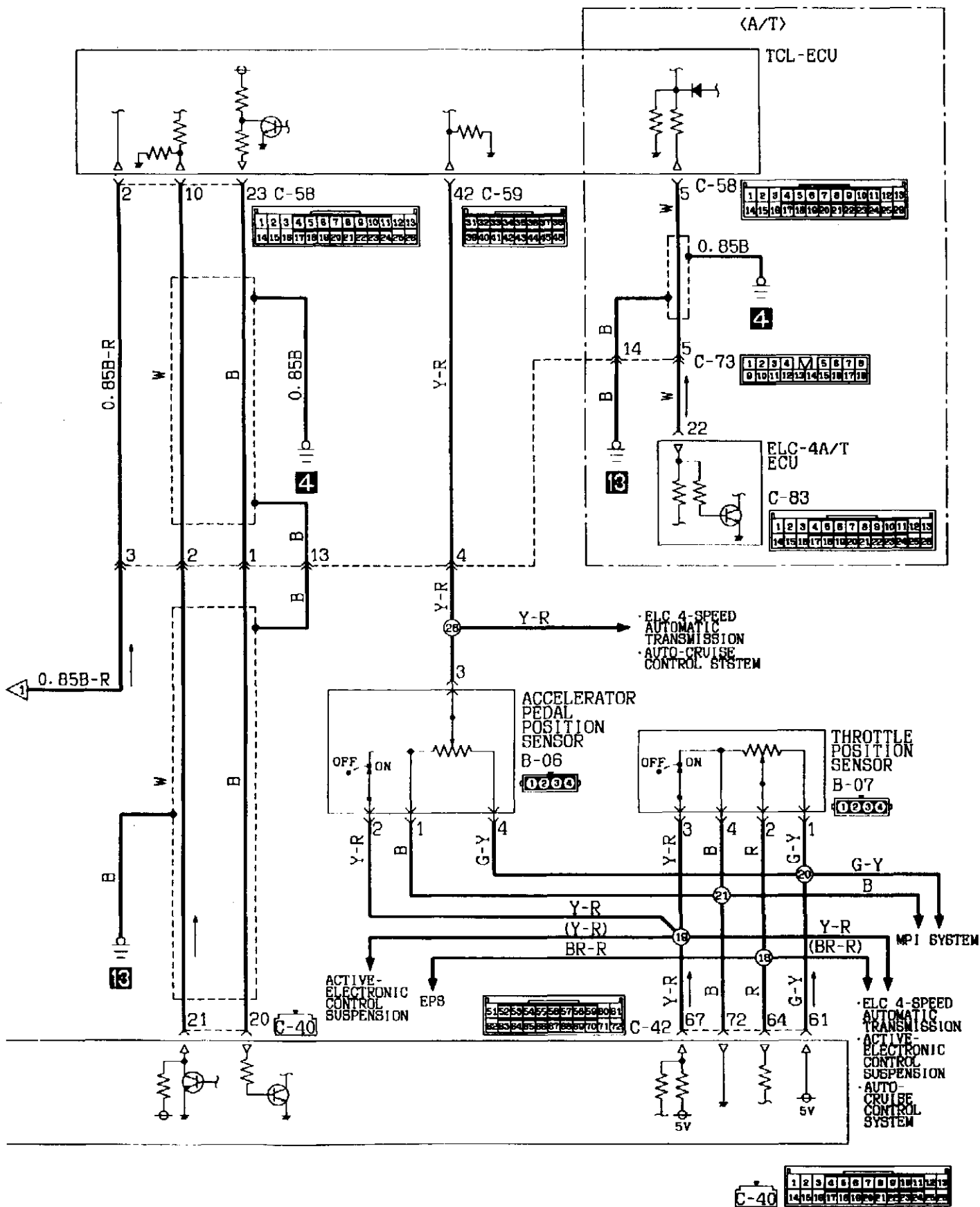


FUZZY-TRACTION CONTROL SYSTEM  
(L.H. drive vehicles)(CONTINUED)



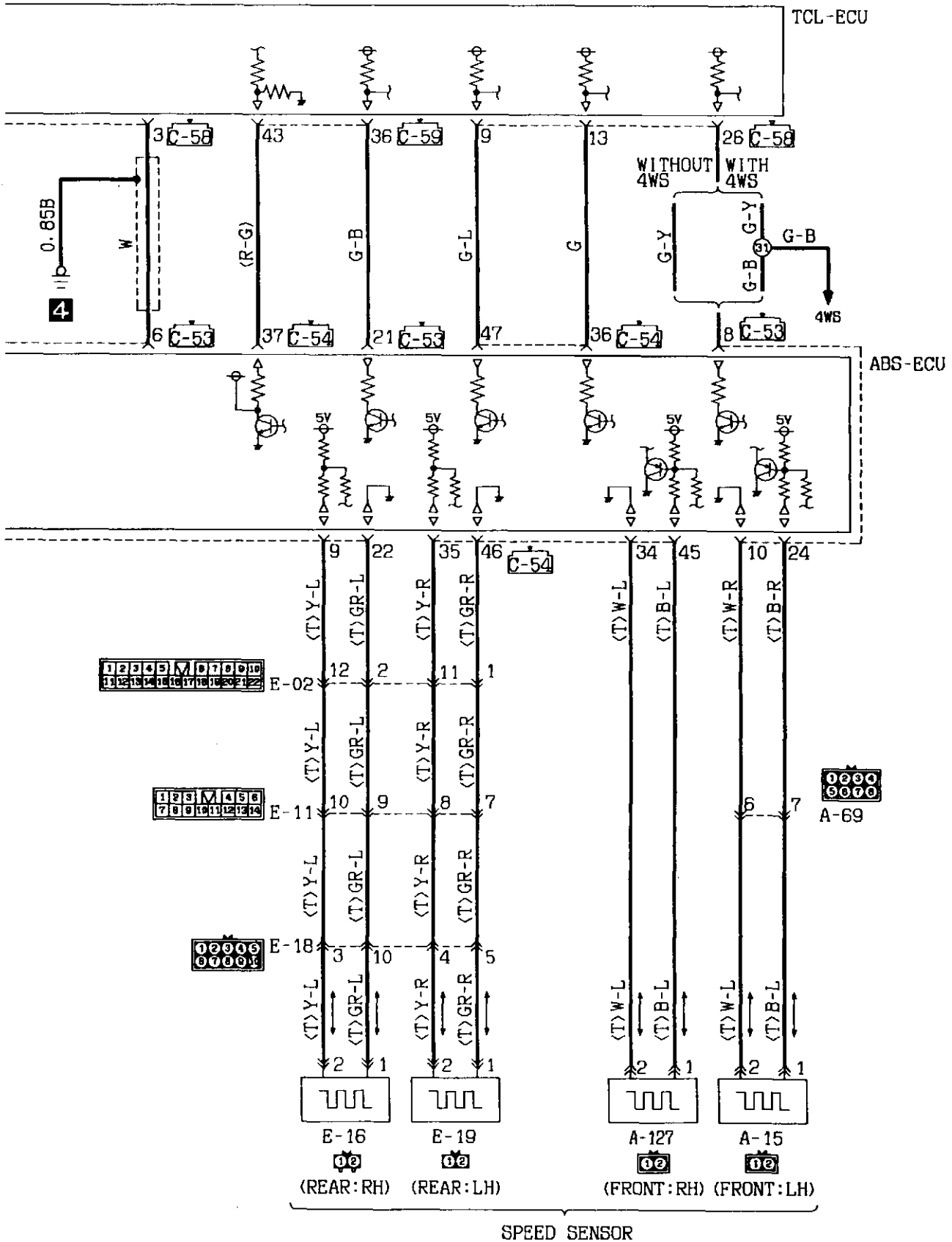
Wire colour code  
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KK35-AC-F1504B-EC

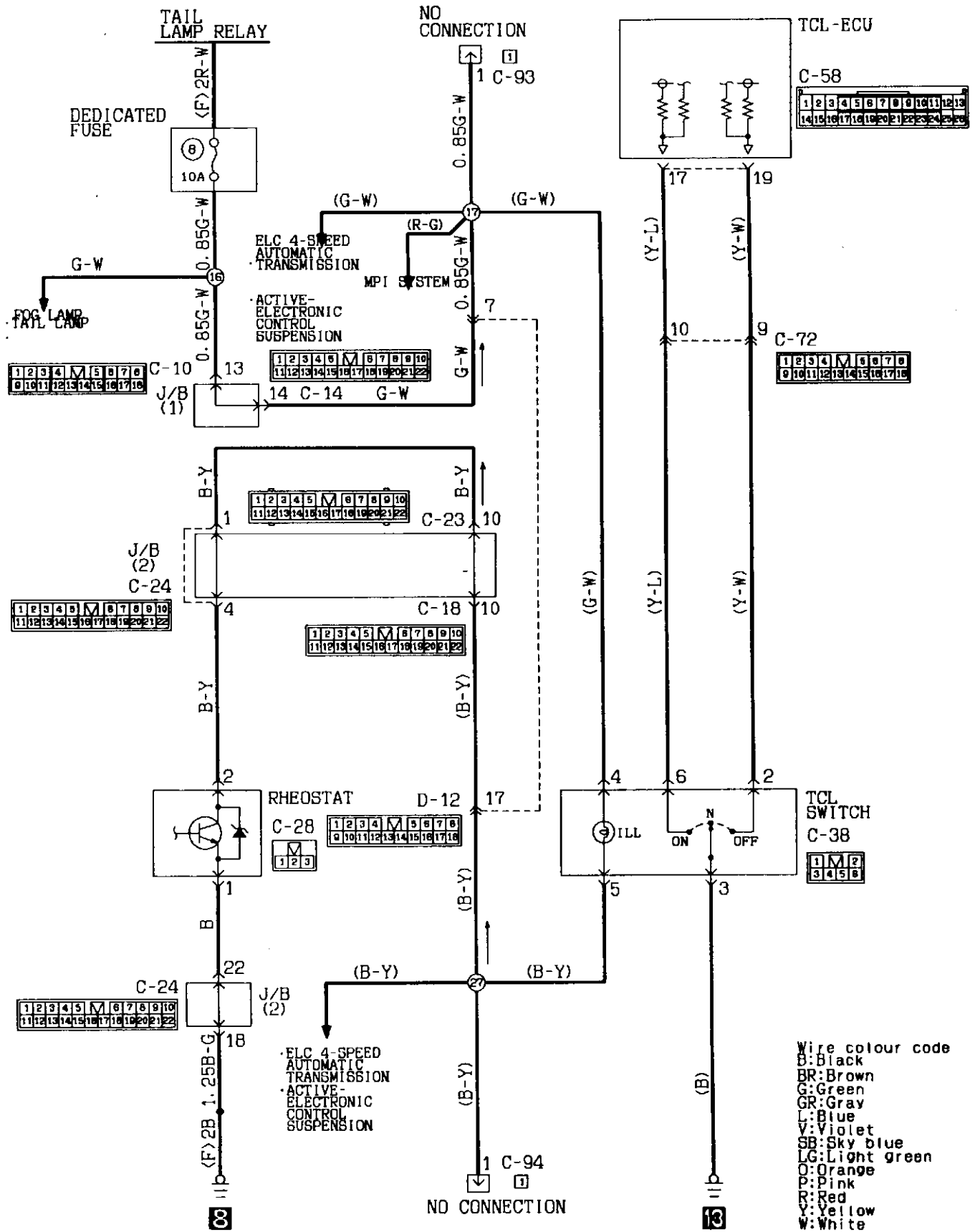








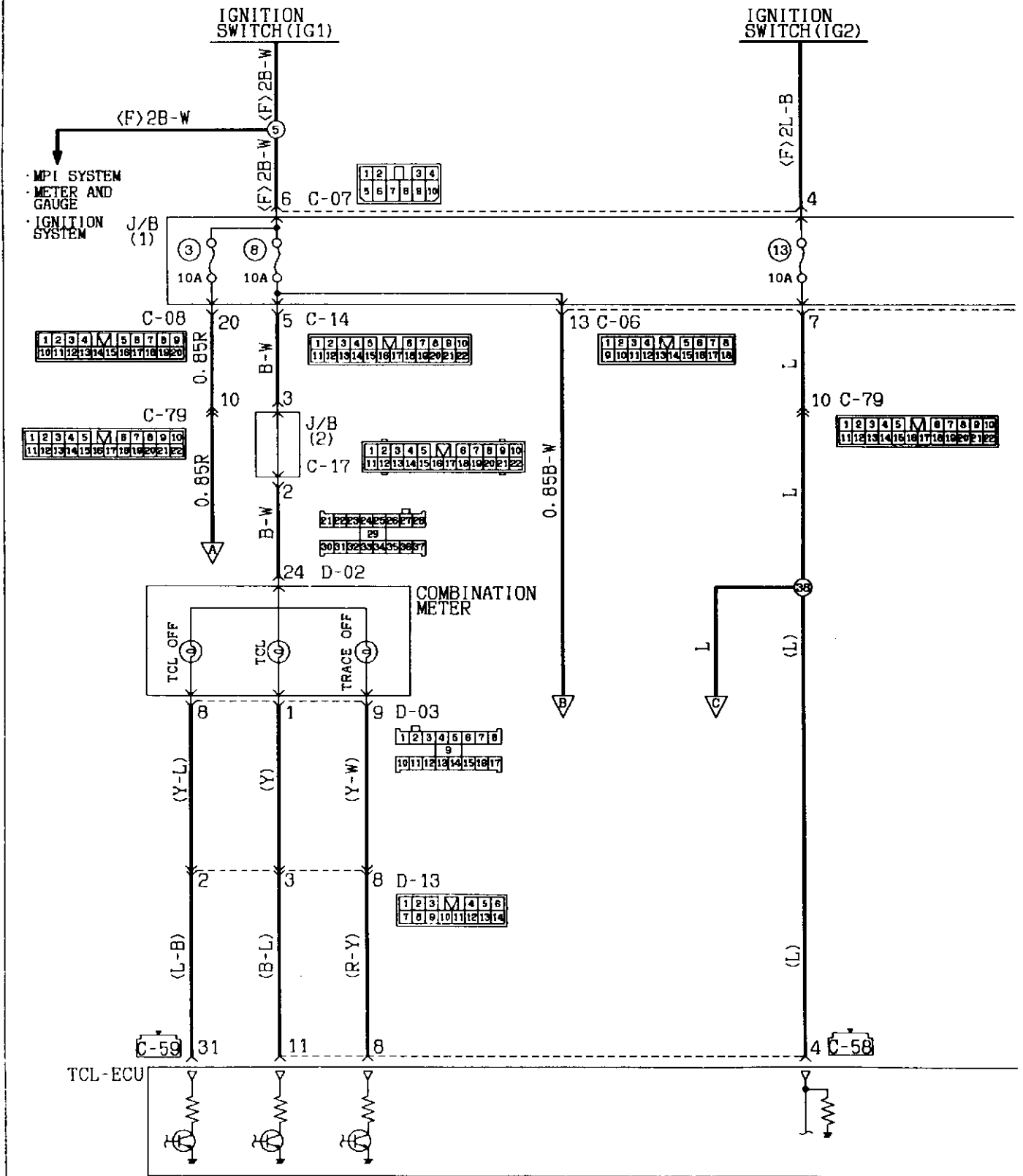
**FUZZY-TRACTION CONTROL SYSTEM**  
(L. H. drive vehicles)(CONTINUED)



KX35-AC-F1504D-EC

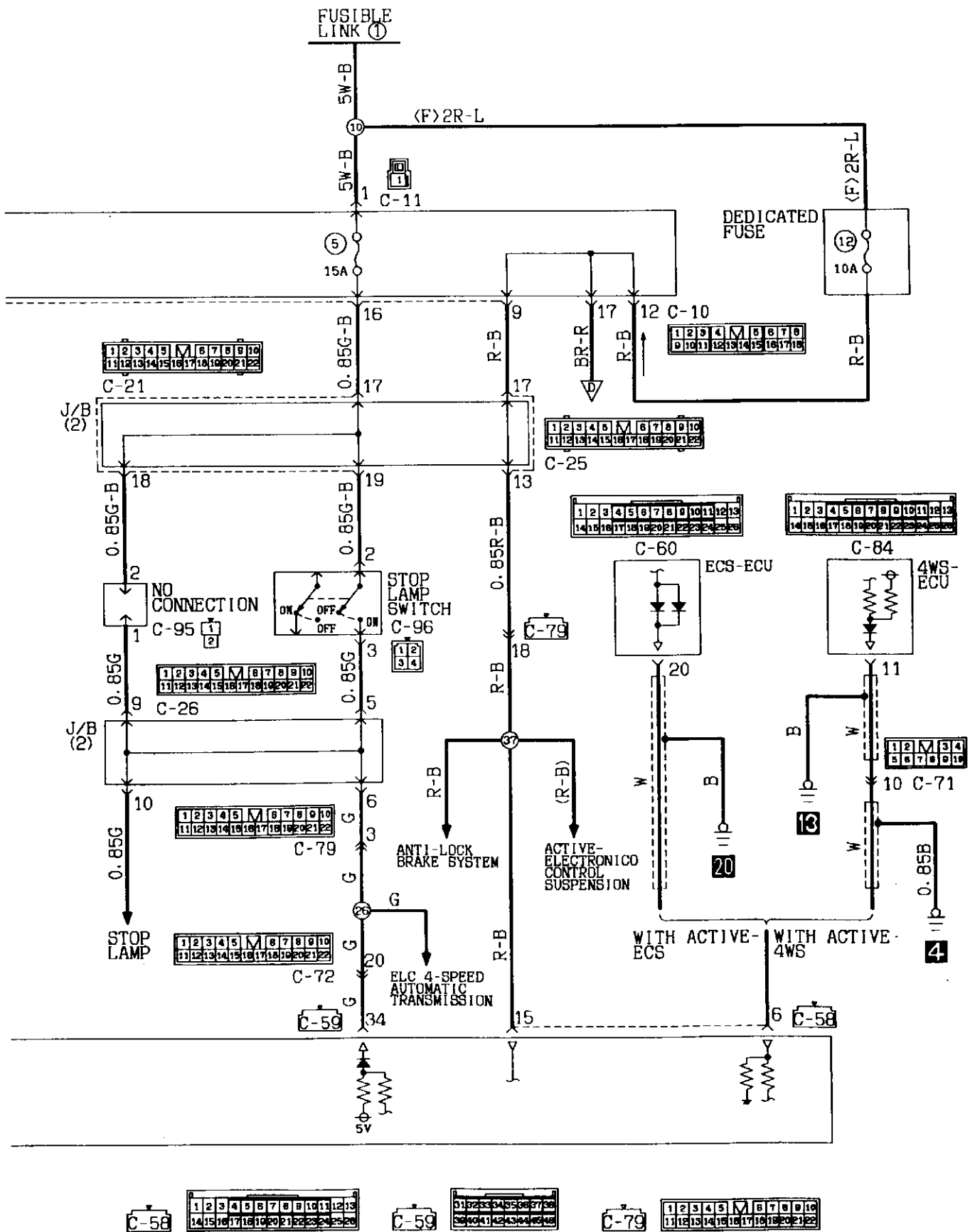
**NOTES**

**FUZZY-TRACTION CONTROL SYSTEM**  
R.H. drive vehicles

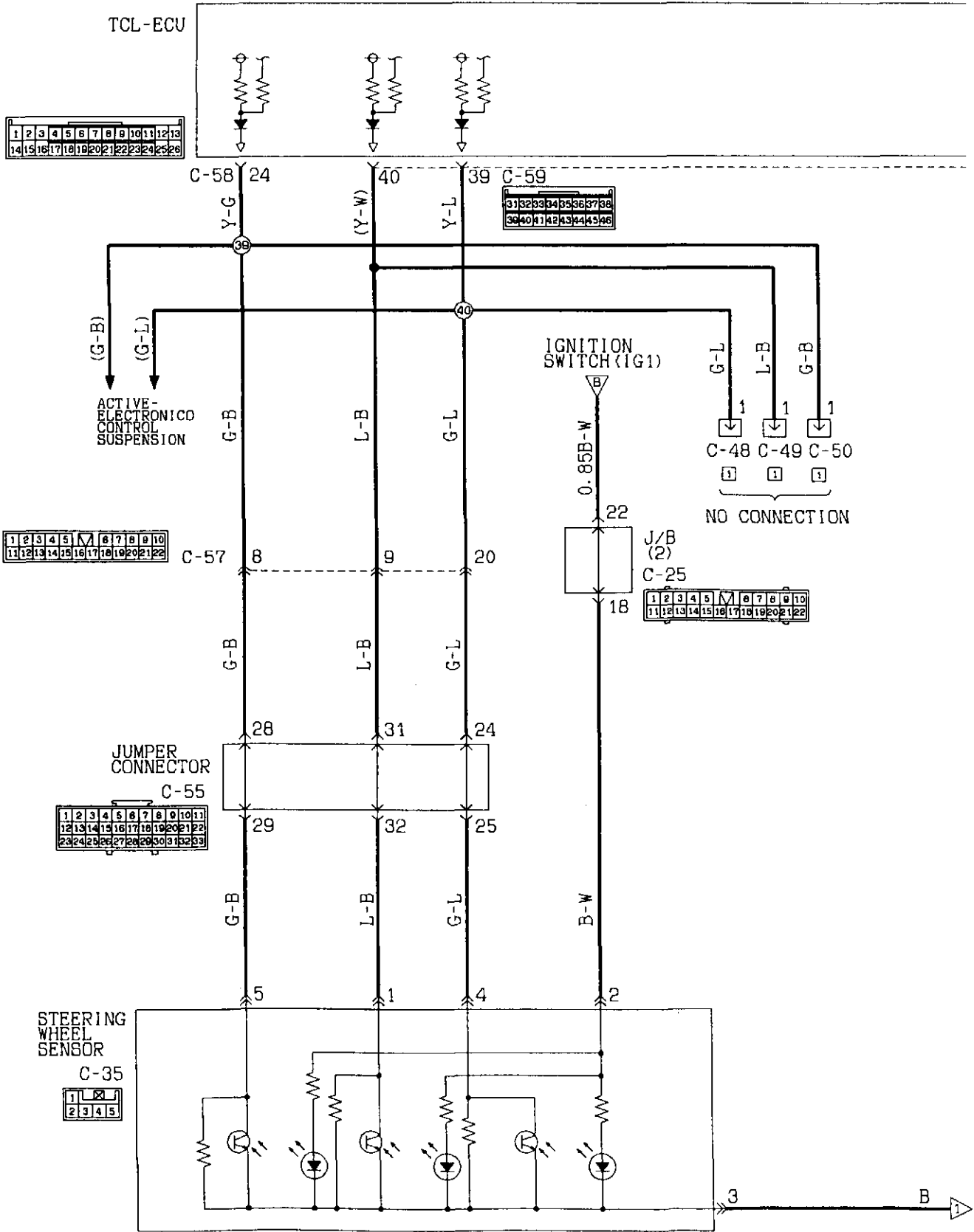


Wire colour code  
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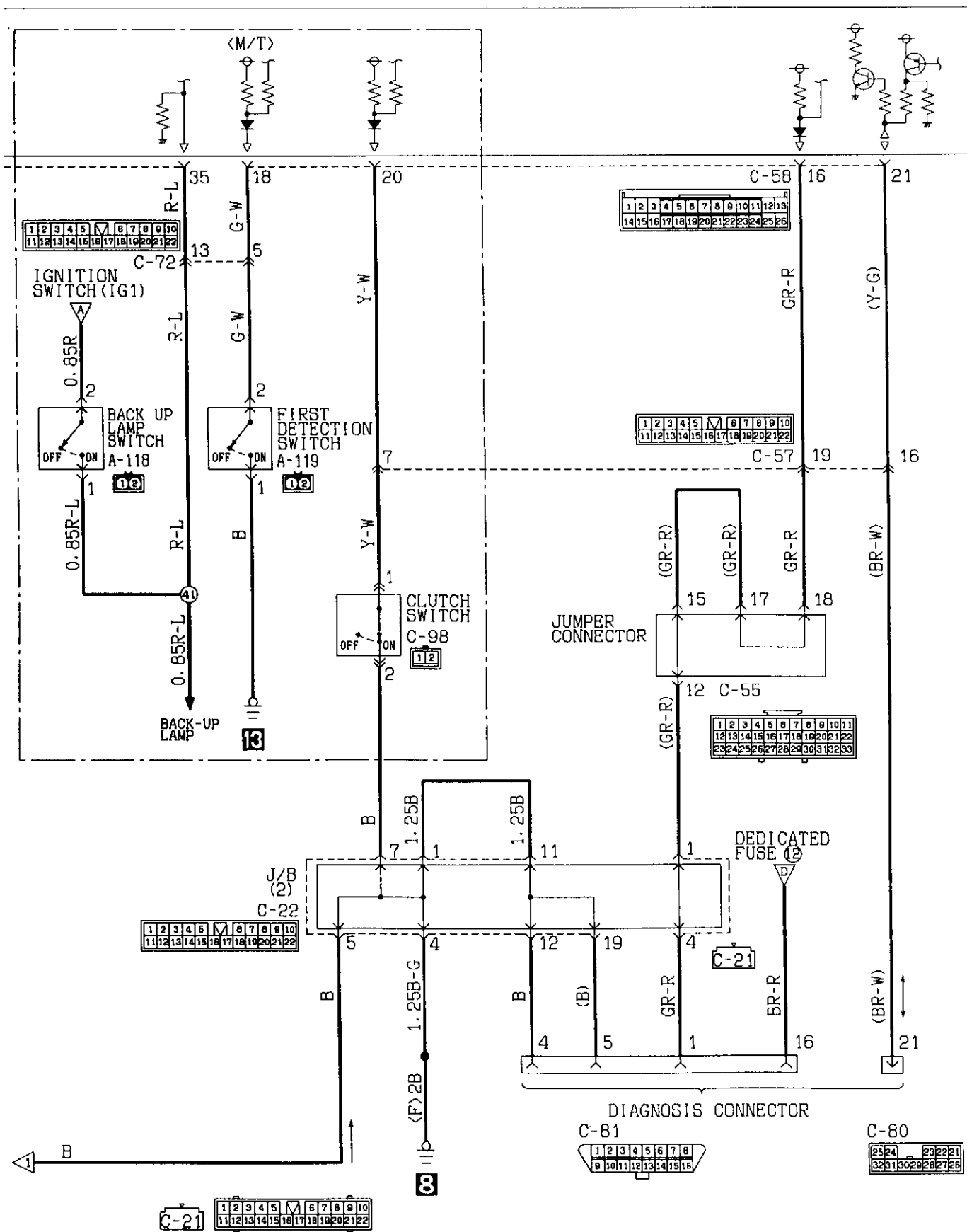
KX35-AC-F1505-EC



FUZZY-TRACTION CONTROL SYSTEM  
(R. H. drive vehicles) (CONTINUED)

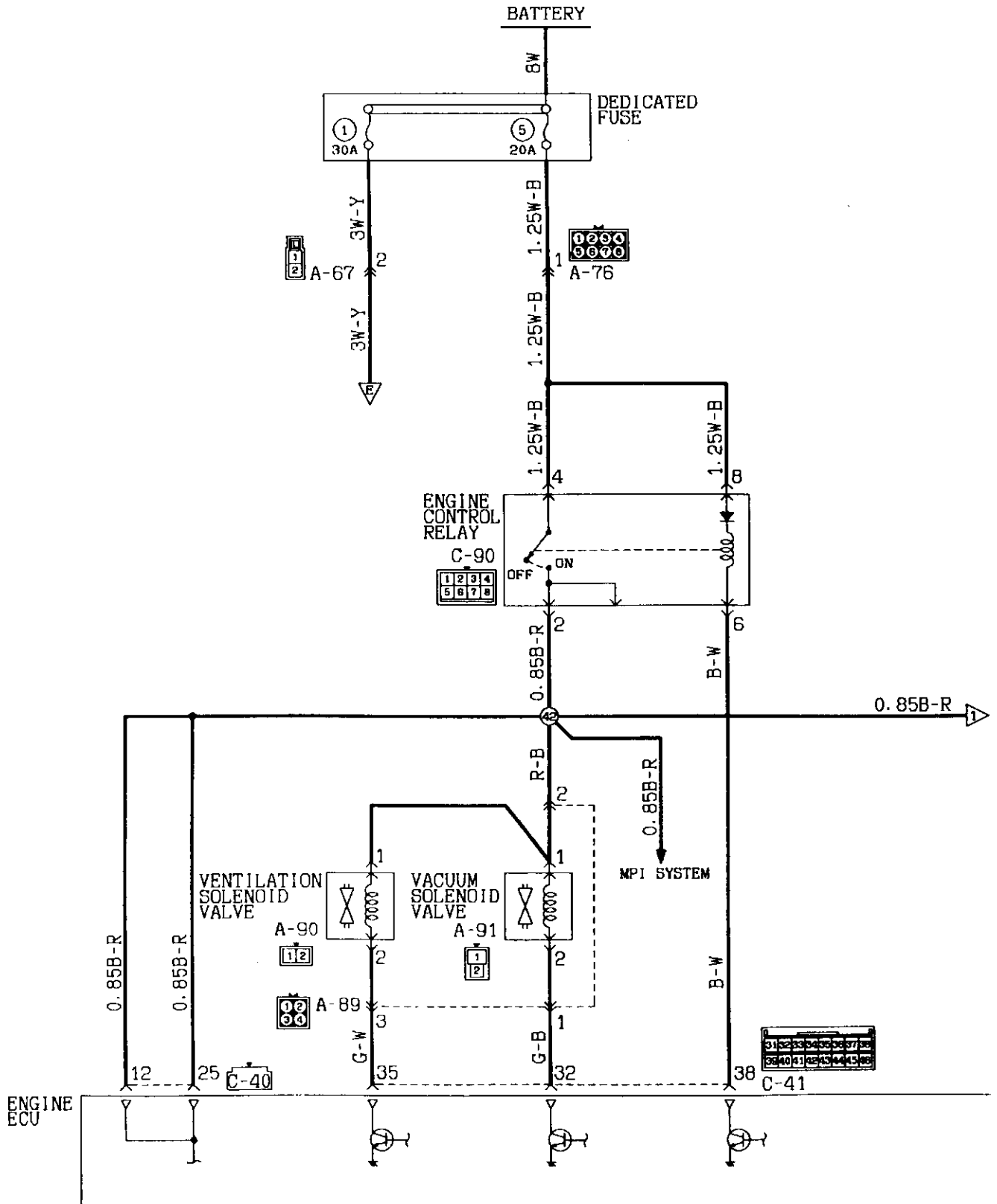


Wire colour code  
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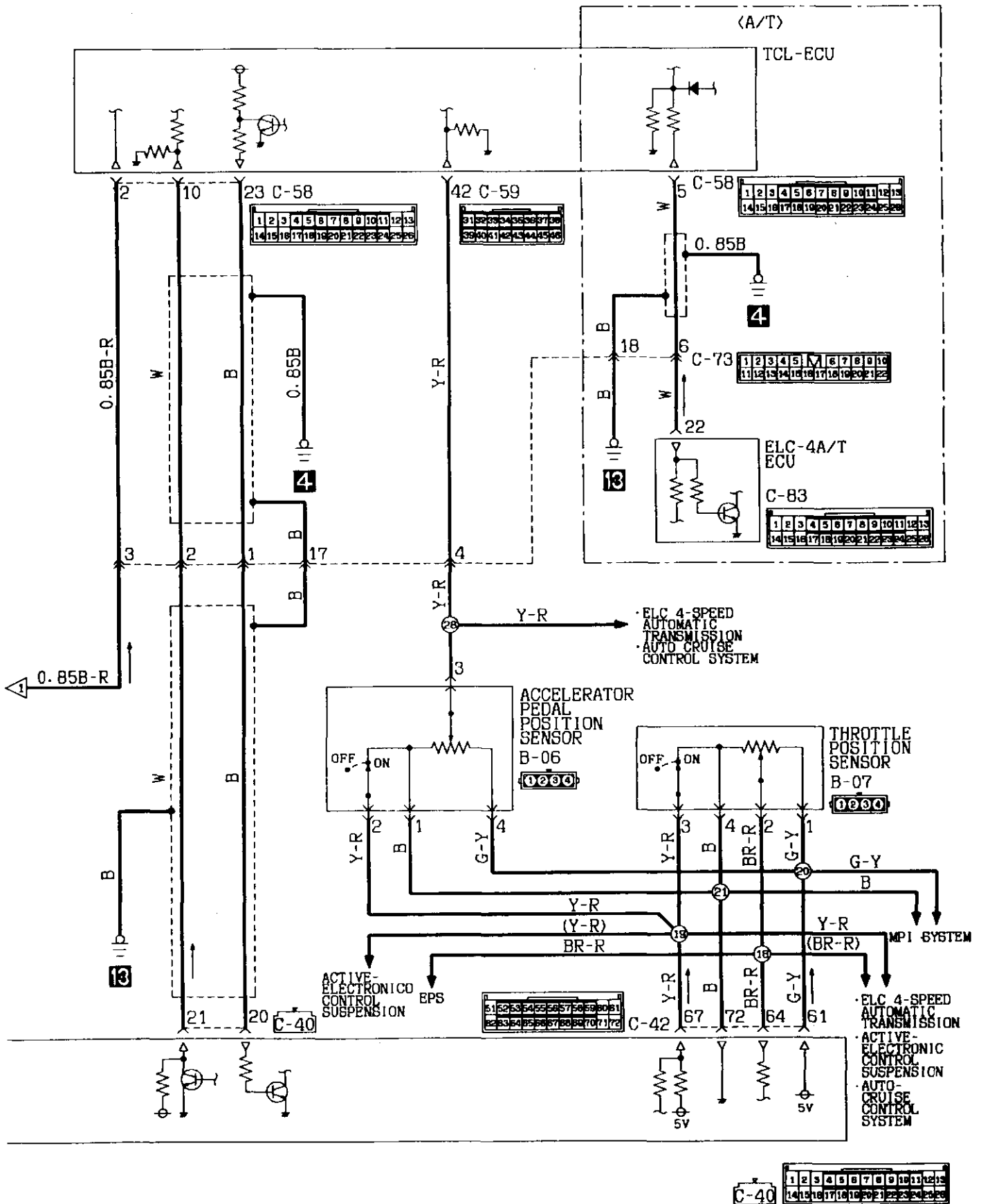


FUZZY-TRACTION CONTROL SYSTEM  
(R.H. drive vehicles)(CONTINUED)

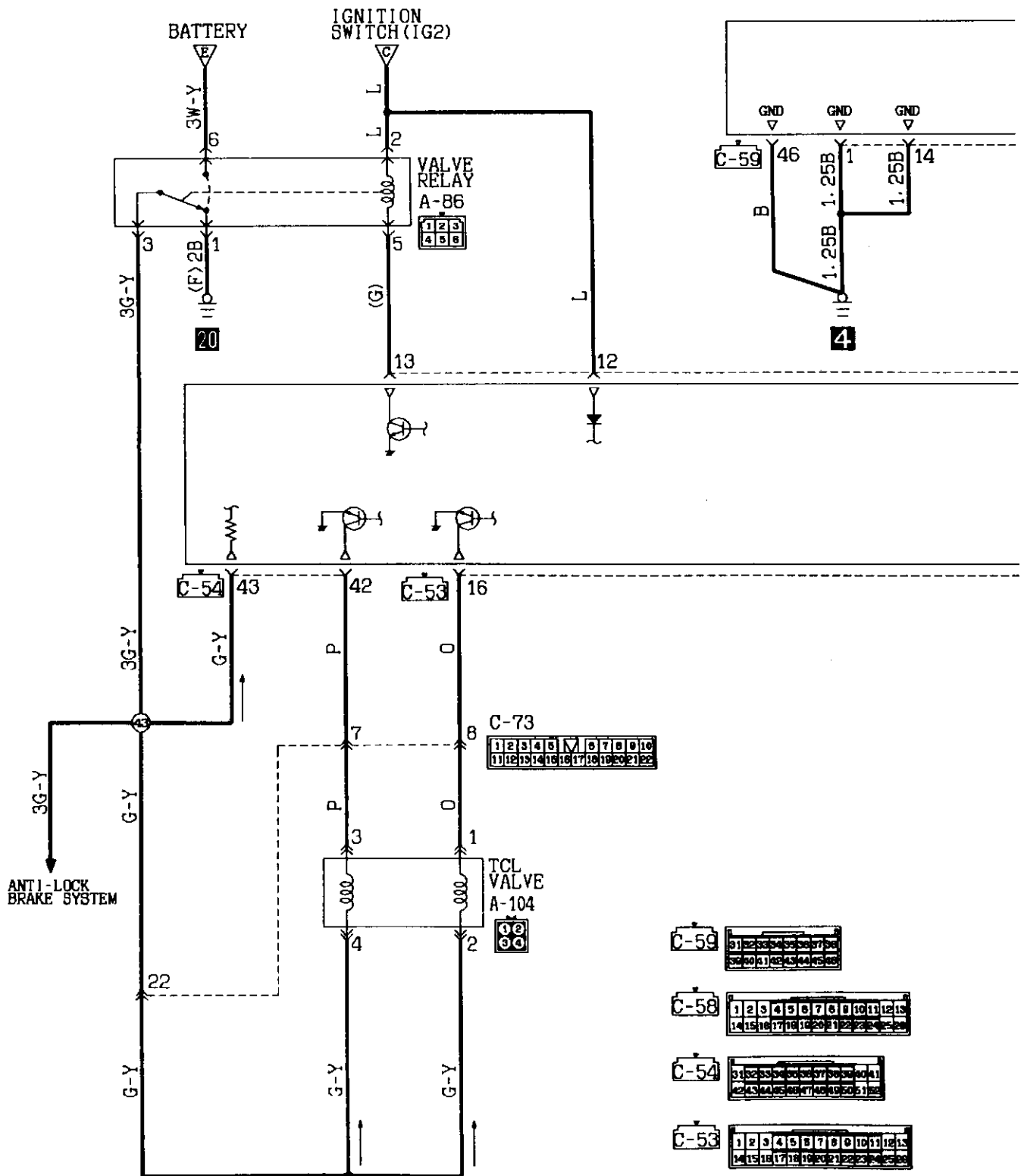


KX35-AC-F1505B-EC

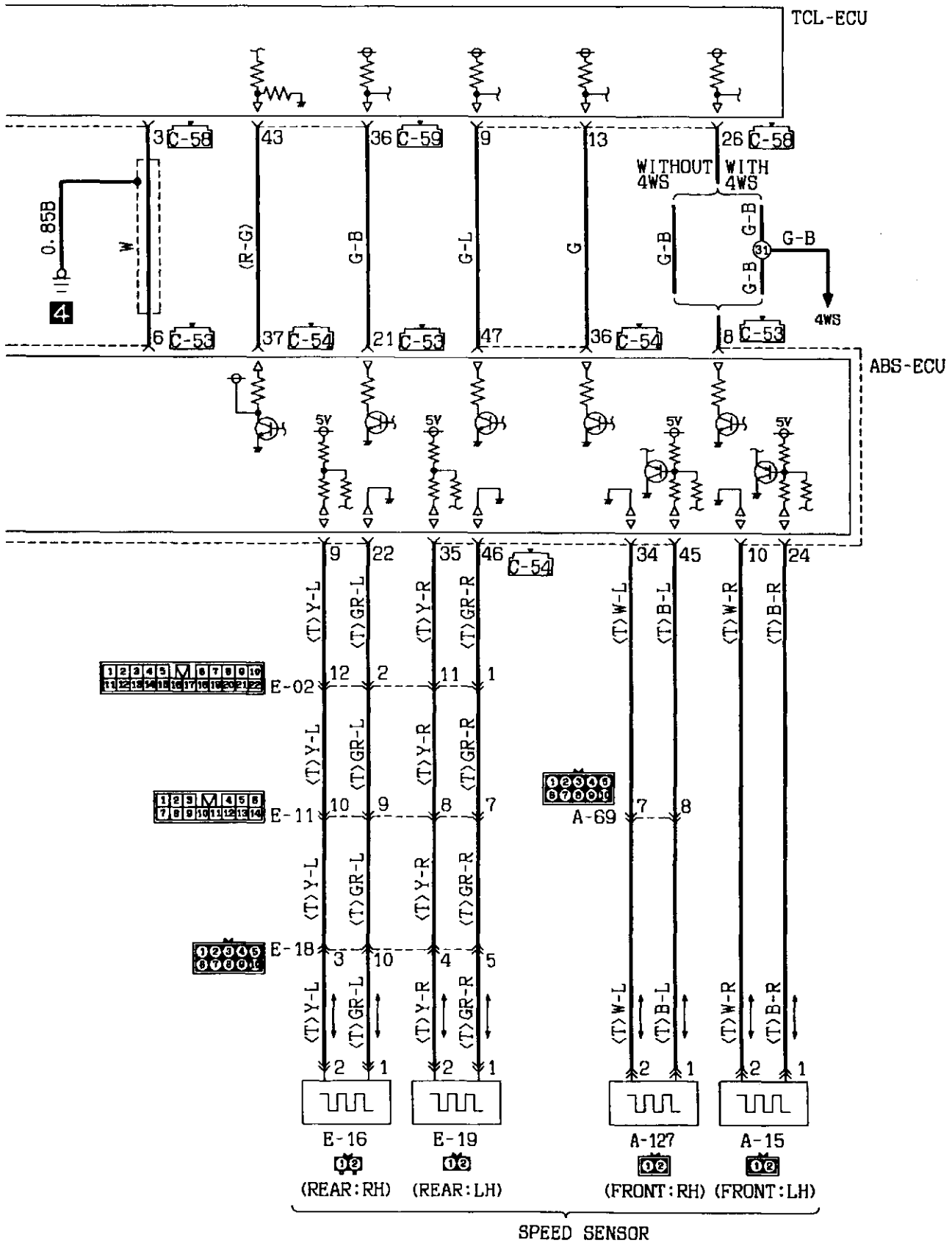
Wire colour code  
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
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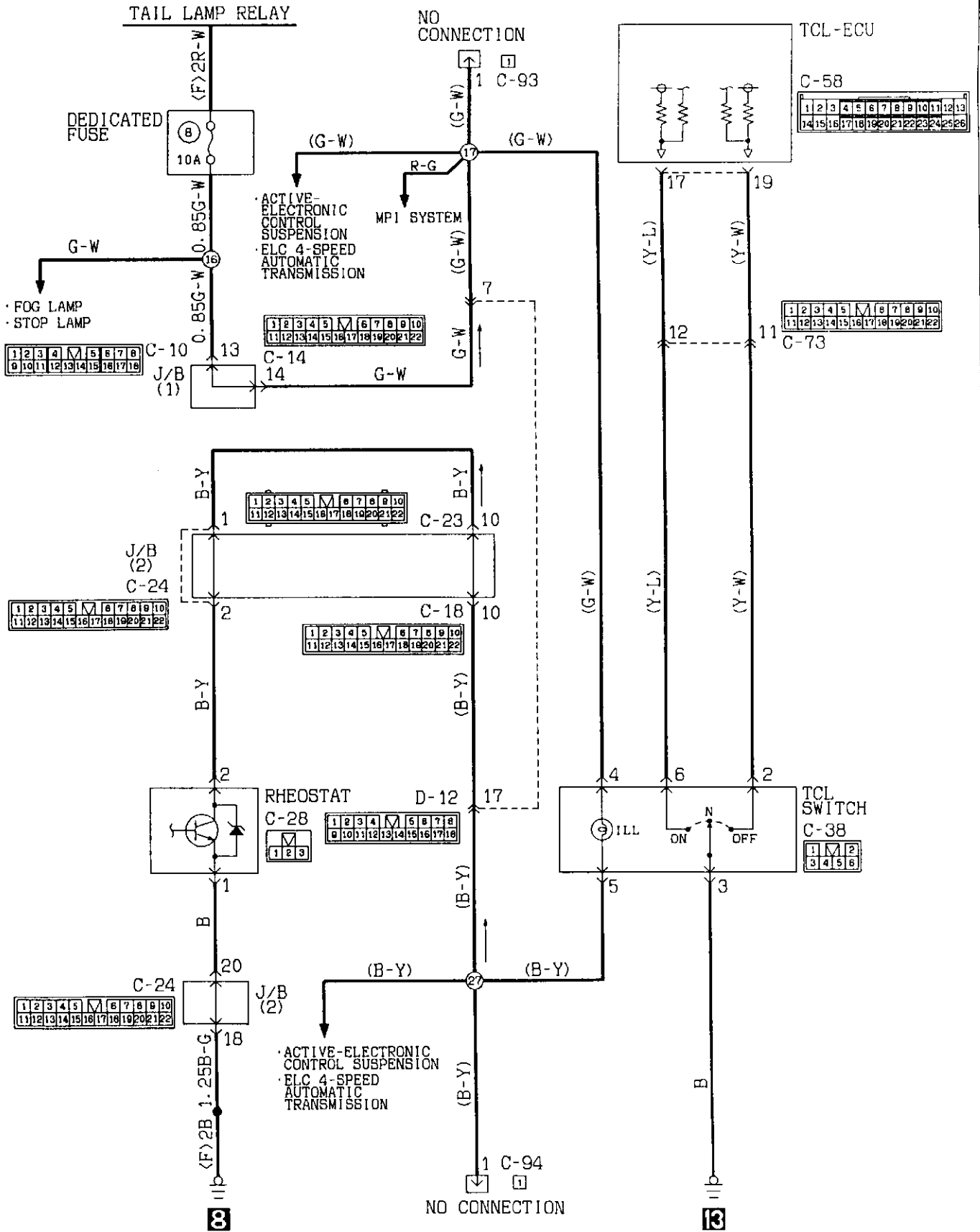
FUZZY-TRACTION CONTROL SYSTEM  
(R.H. drive vehicles)(CONTINUED)



Wire colour code  
 B:Black LG:Light green G:Green L:Blue V:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



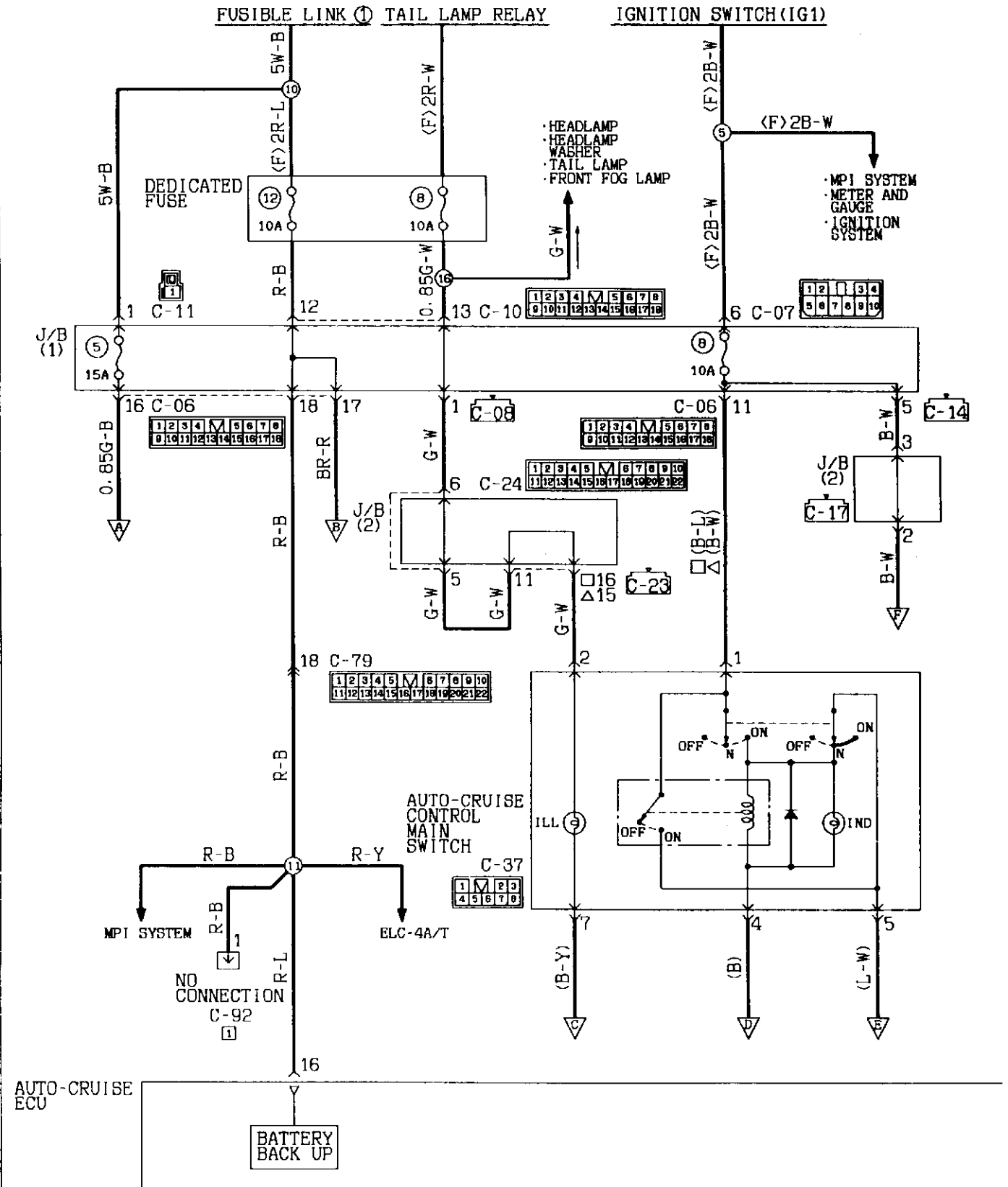
FUZZY-TRACTION CONTROL SYSTEM  
(R.H. drive vehicles) (CONTINUED)



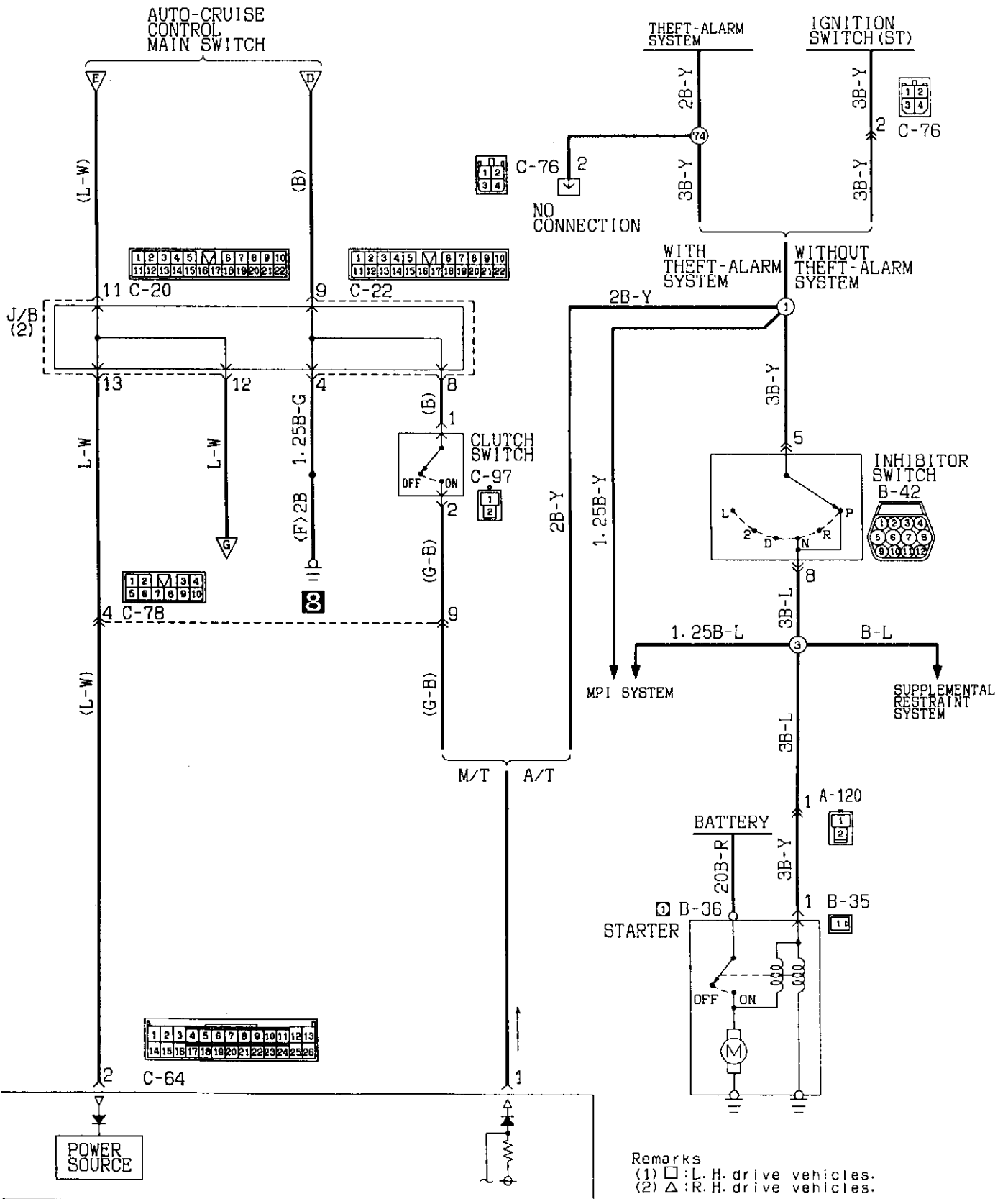
KX35-AC-F150501-EC

NOTES

**AUTO-CRUISE CONTROL SYSTEM**  
SOHC



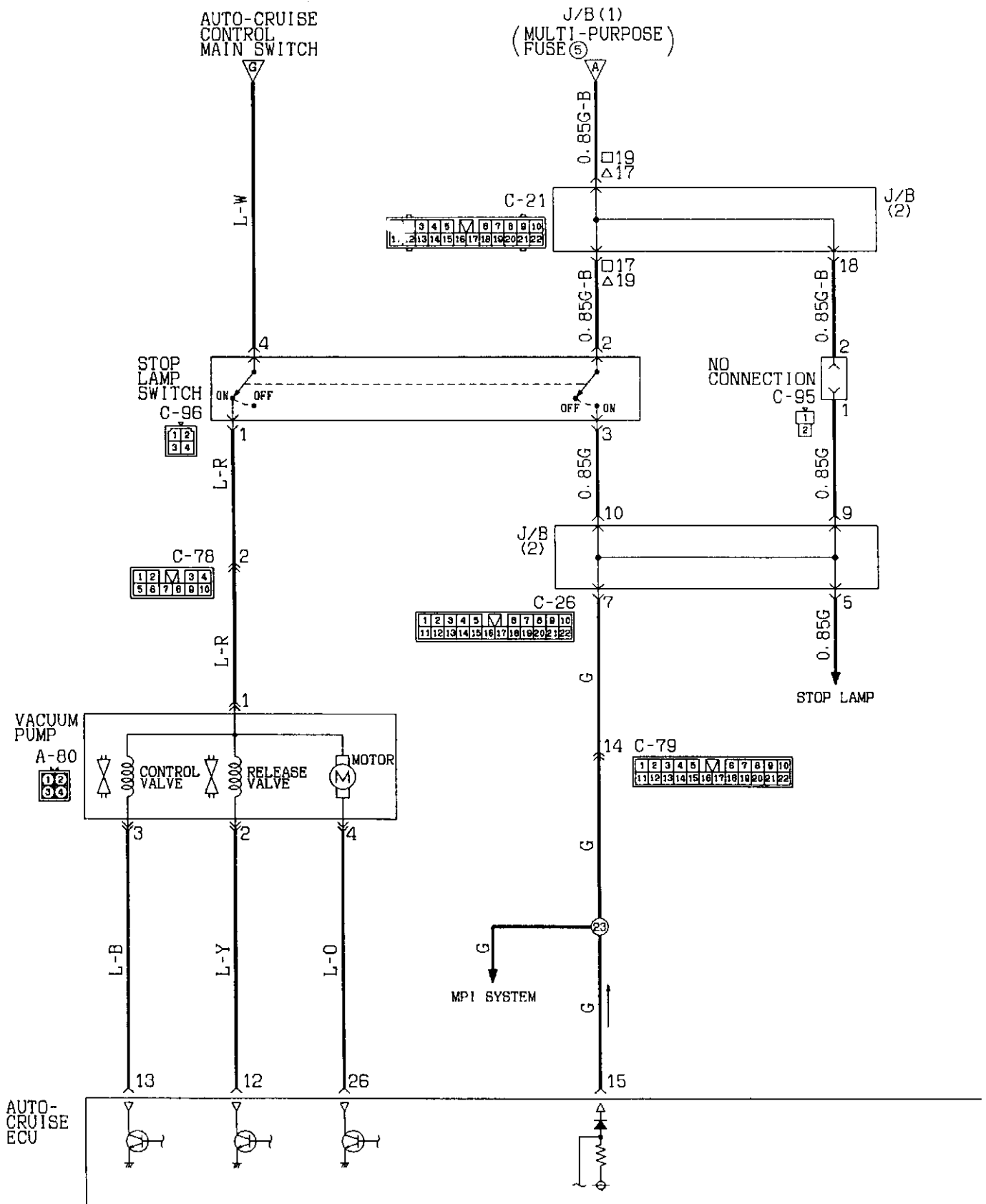
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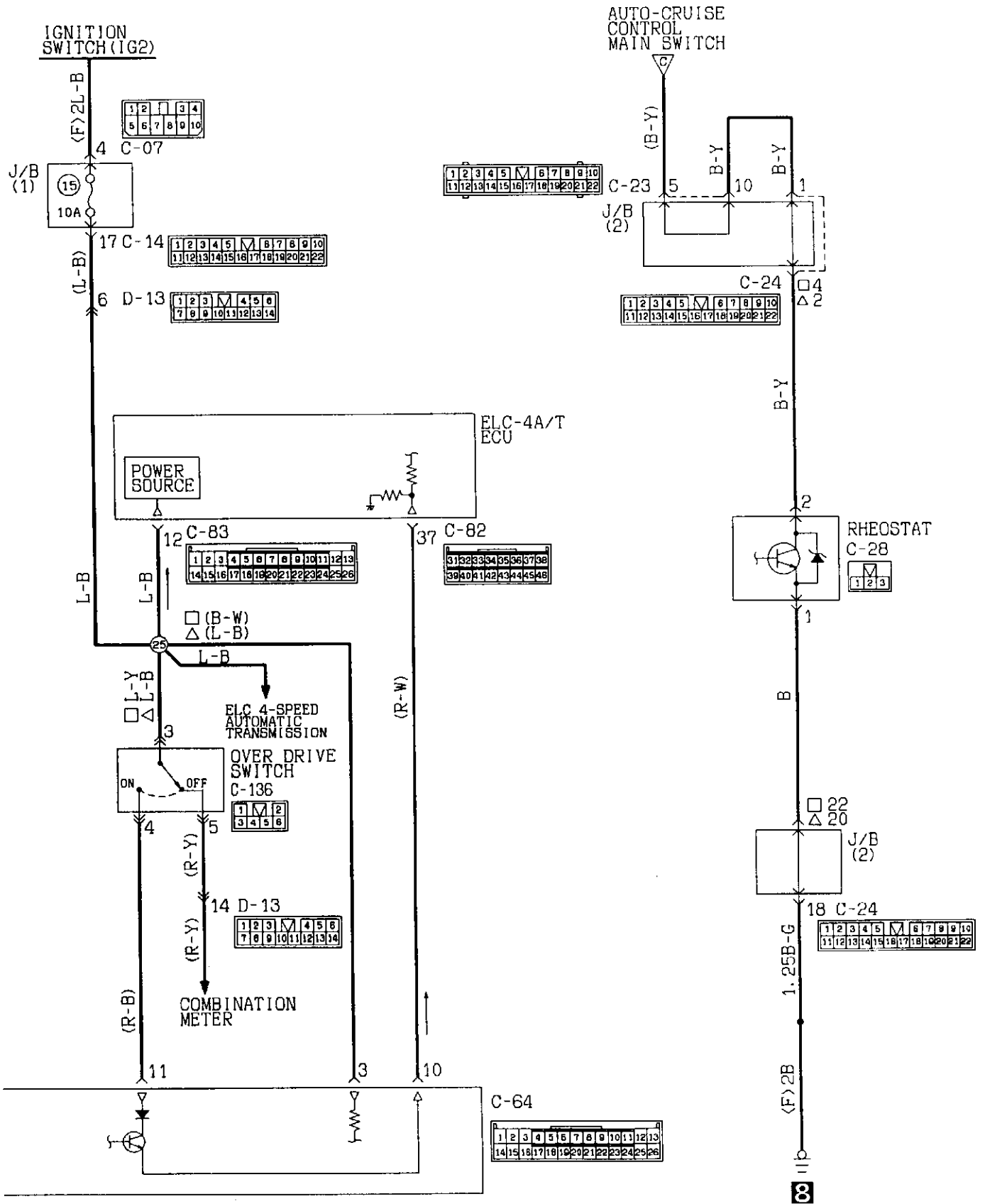


AUTO-CRUISE CONTROL SYSTEM (SOHC) (CONTINUED)

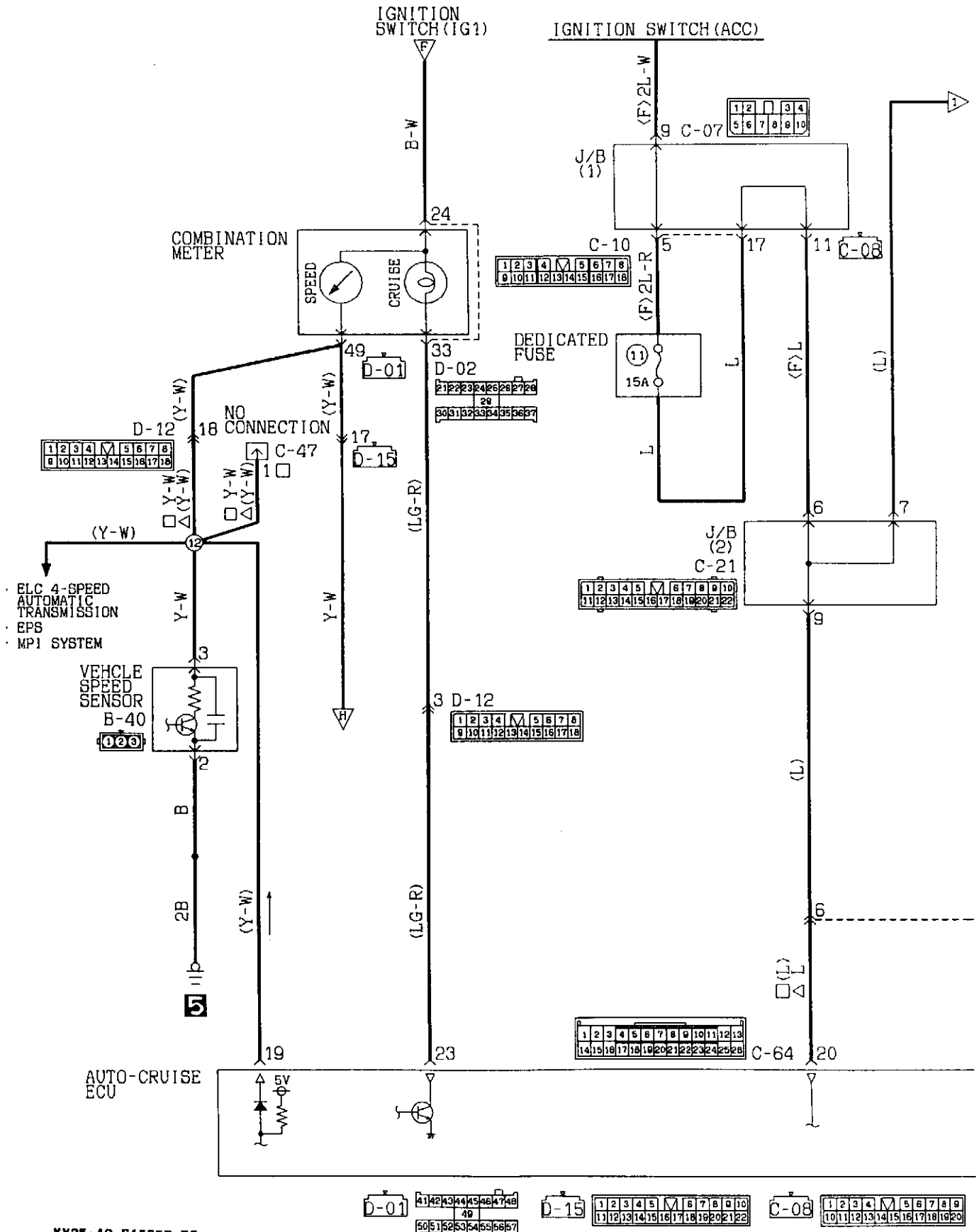


Wire colour code

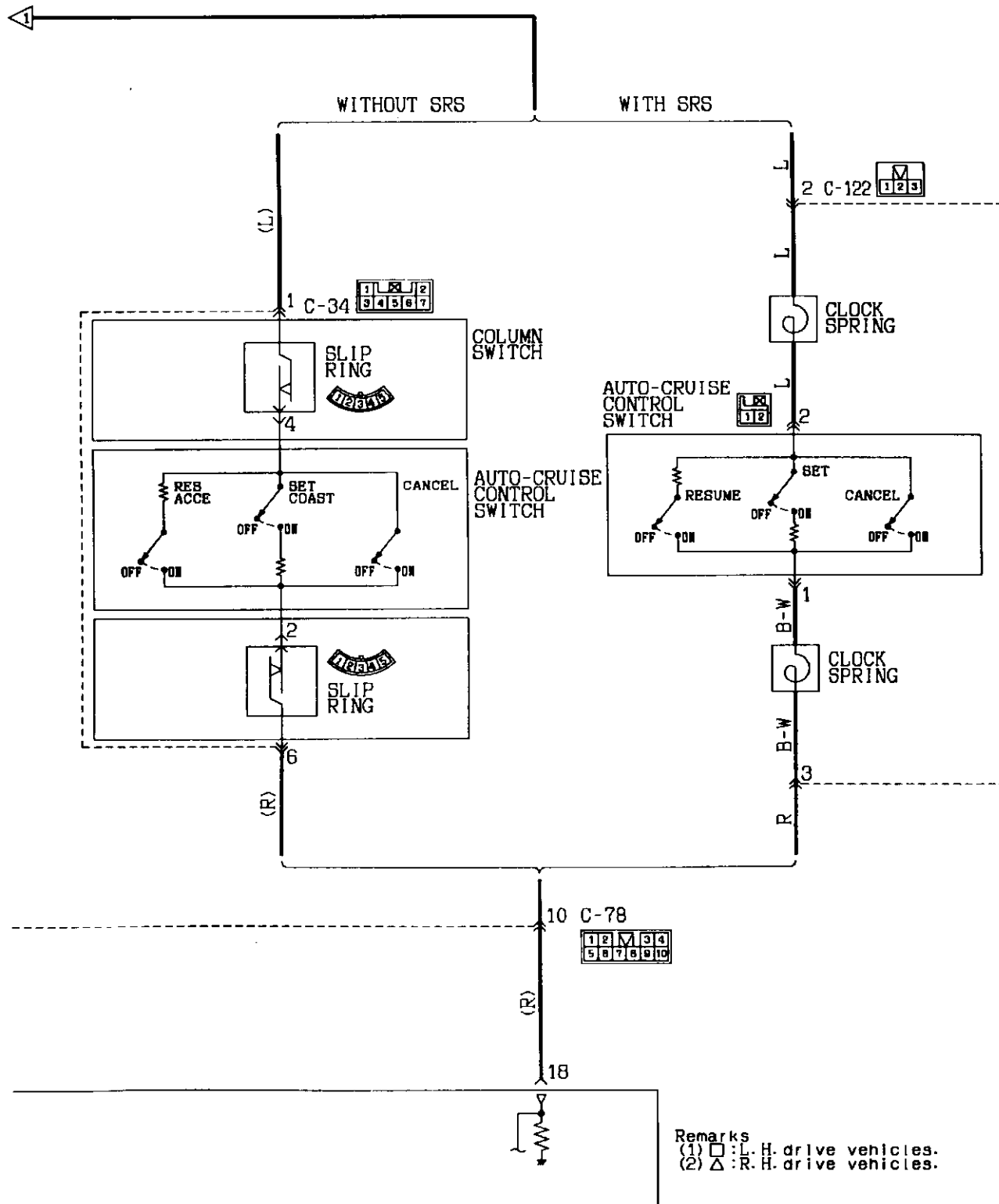
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AUTO-CRUISE CONTROL SYSTEM (SOHC) (CONTINUED)

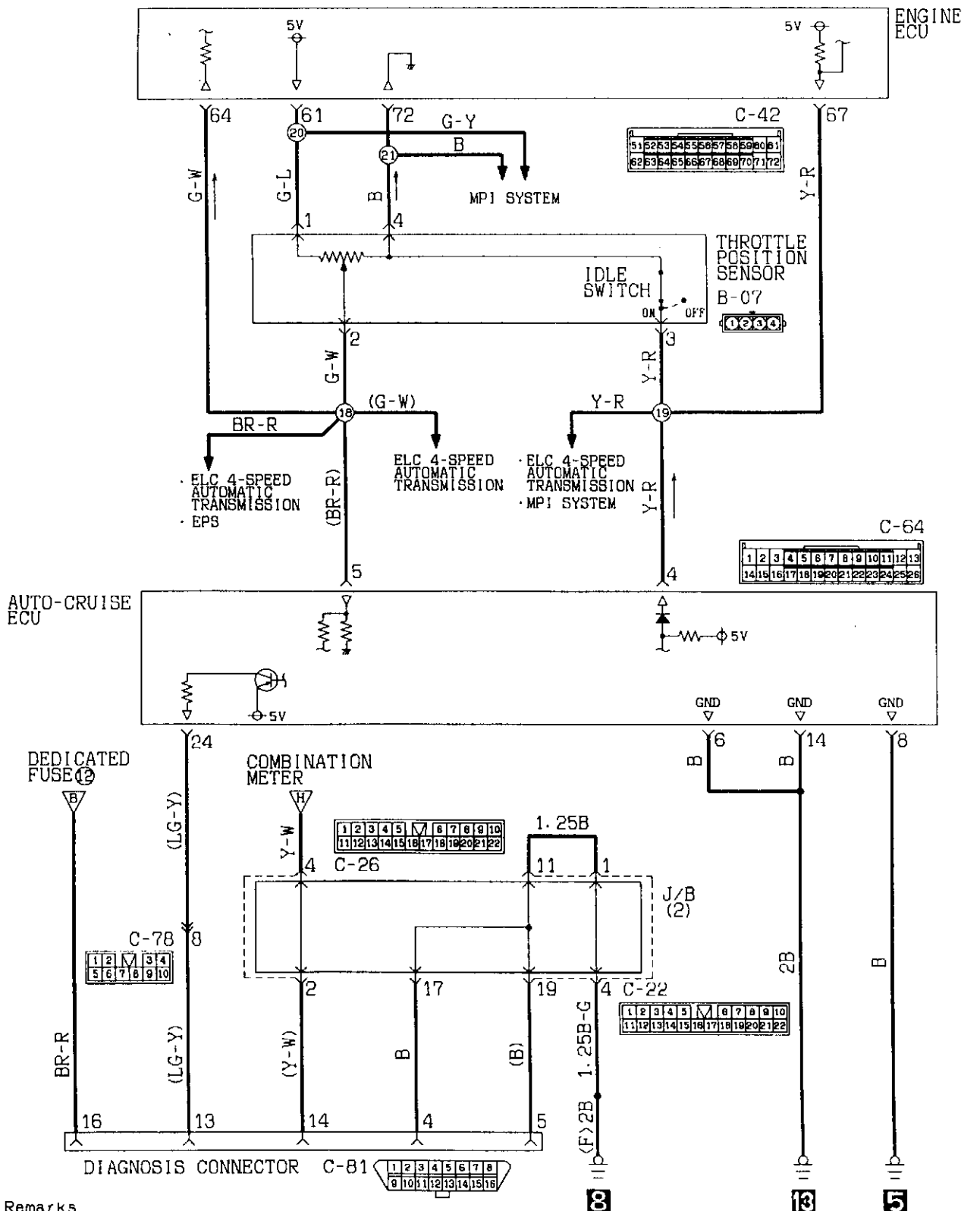


KX35-AC-F1535B-EC



Wire colour code  
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AUTO-CRUISE CONTROL SYSTEM <SOHC> (CONTINUED)



Remarks

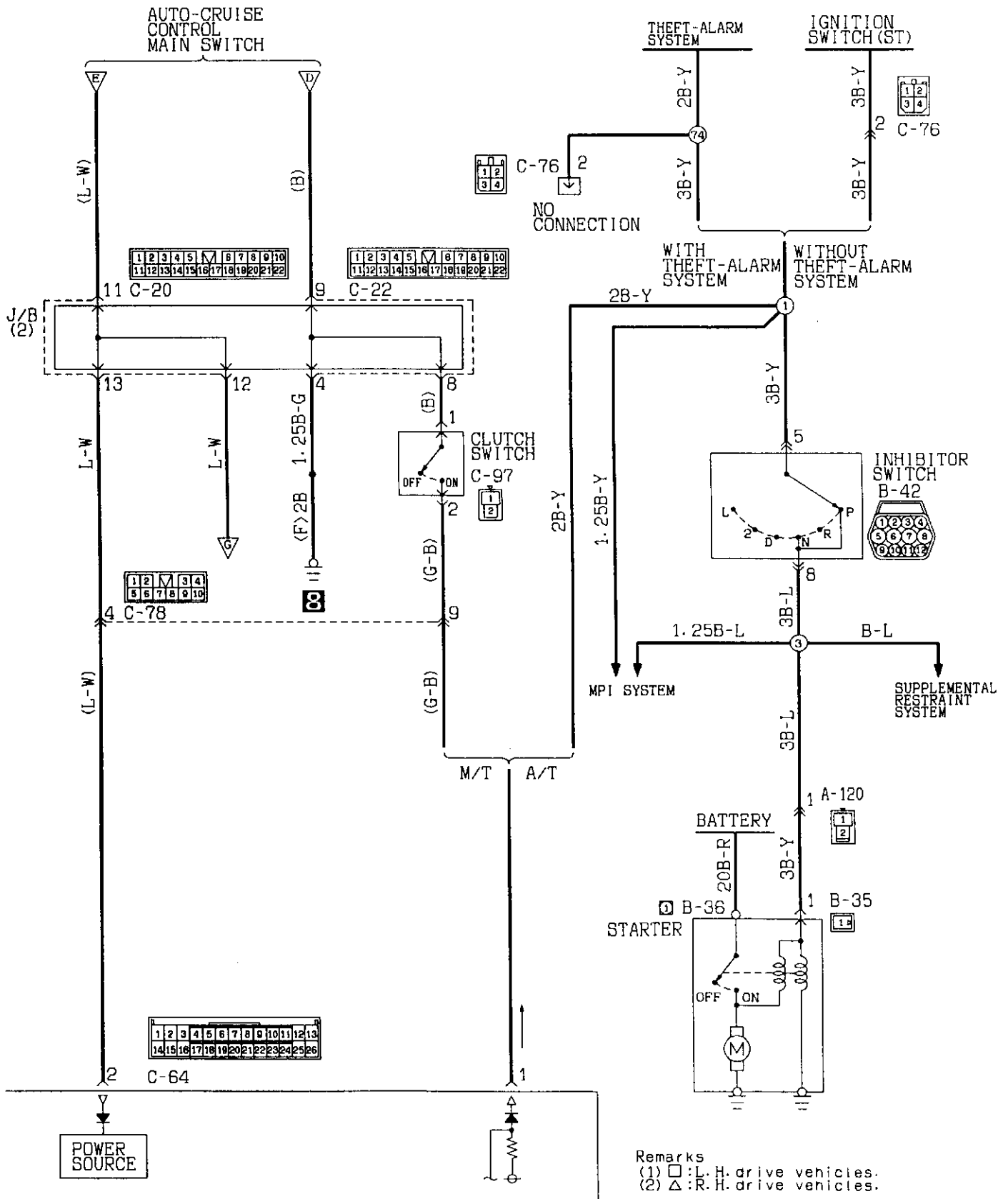
- (1) □ : L. H. drive vehicles.
- (2) △ : R. H. drive vehicles.

Wire colour code

B:Black    LG:Light green    G:Green    L:Blue    W:White    Y:Yellow    SB:Sky blue  
 BR:Brown    O:Orange    GR:Gray    R:Red    P:Pink    V:Violet

**NOTES**



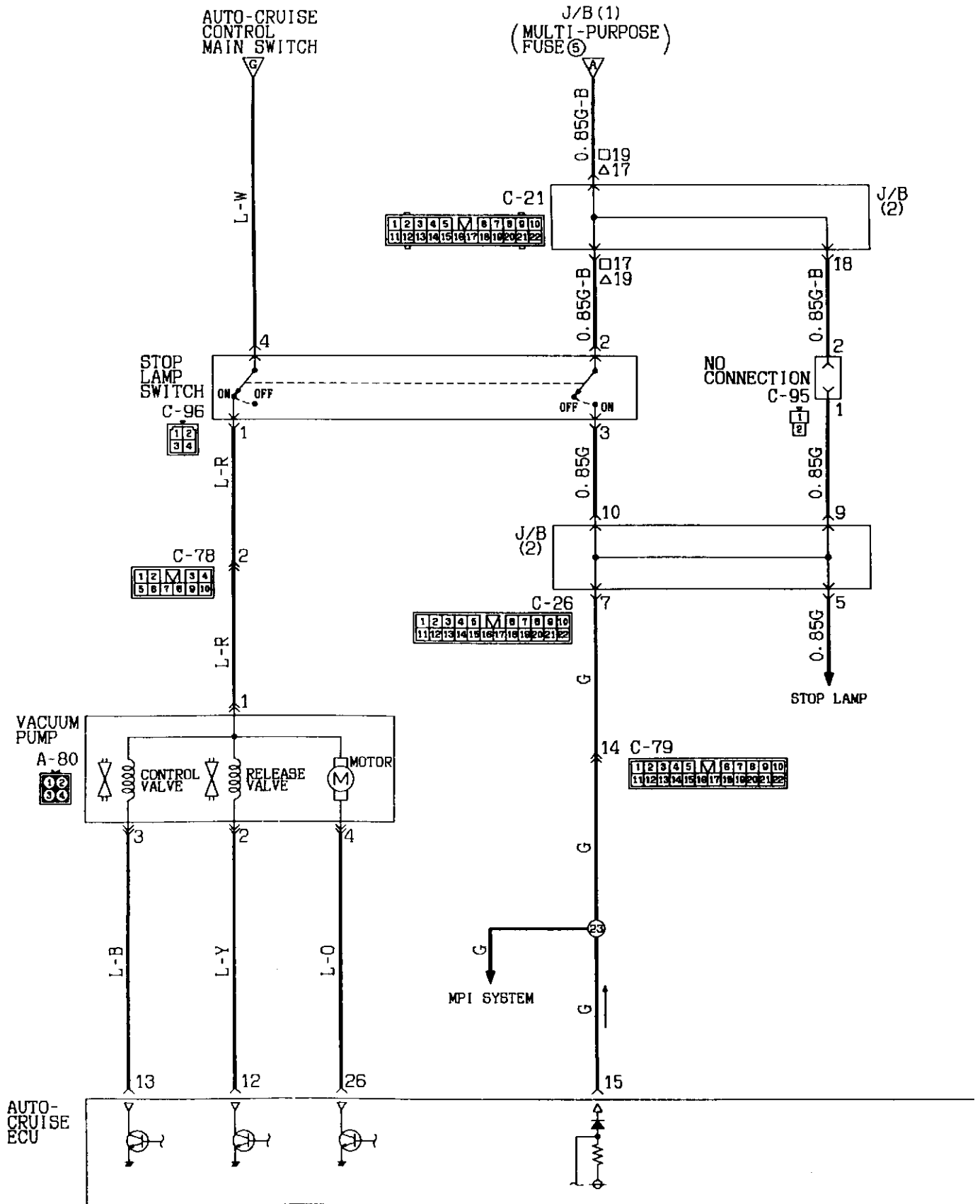


Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.

Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown D:Orange GR:Gray R:Red P:Pink V:Violet

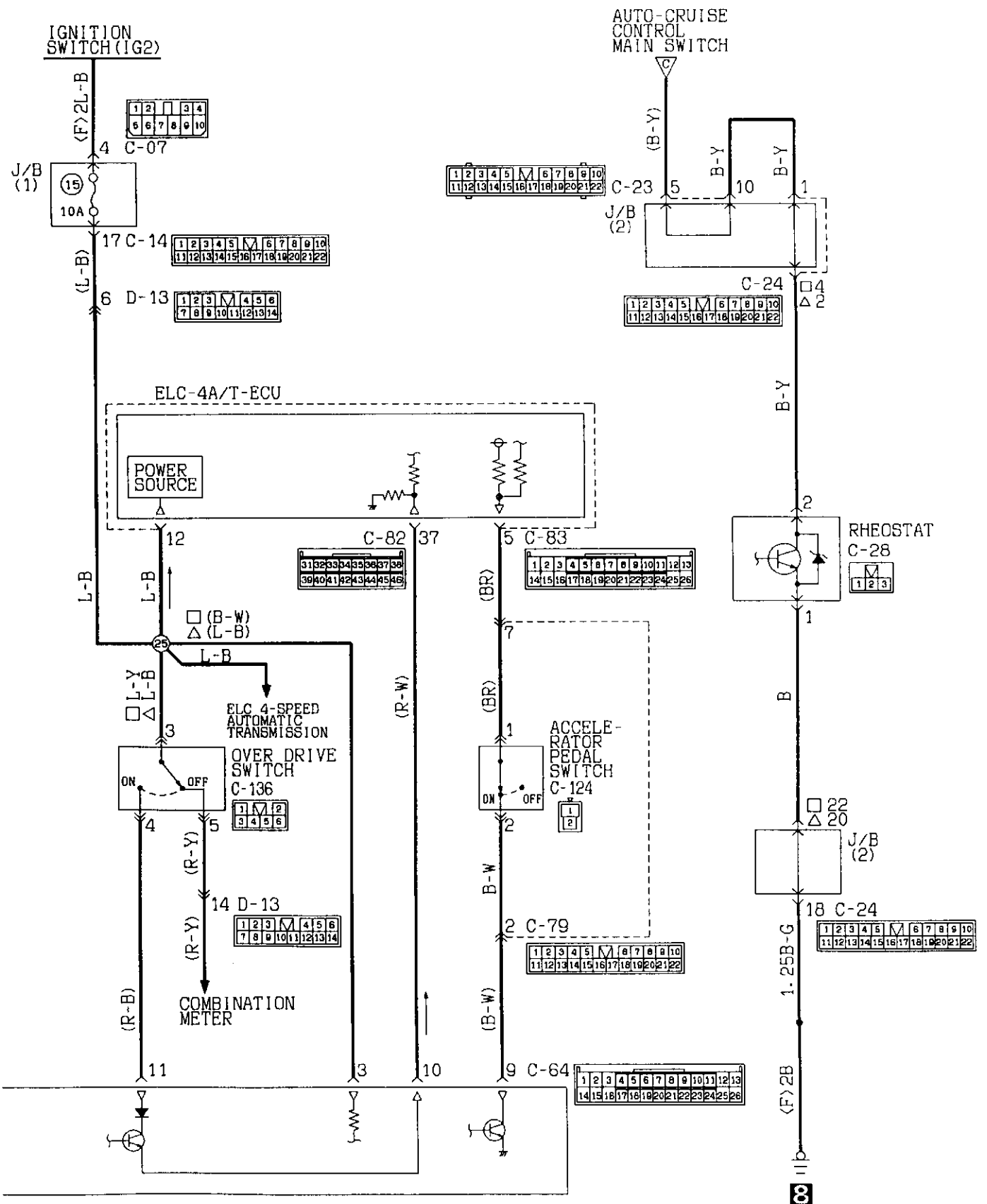


AUTO-CRUISE CONTROL SYSTEM <DOHC> (CONTINUED)



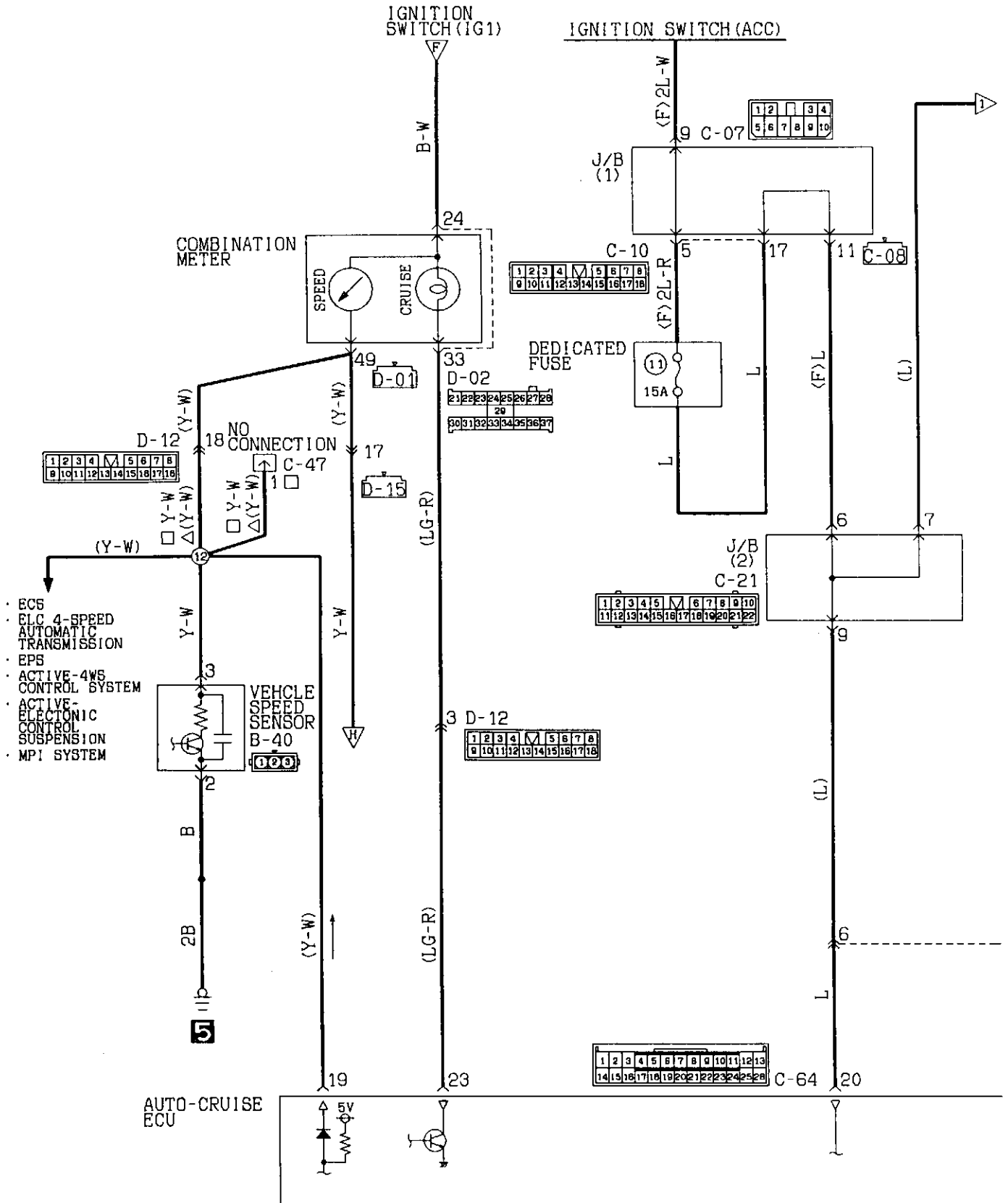
Wire colour code

B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
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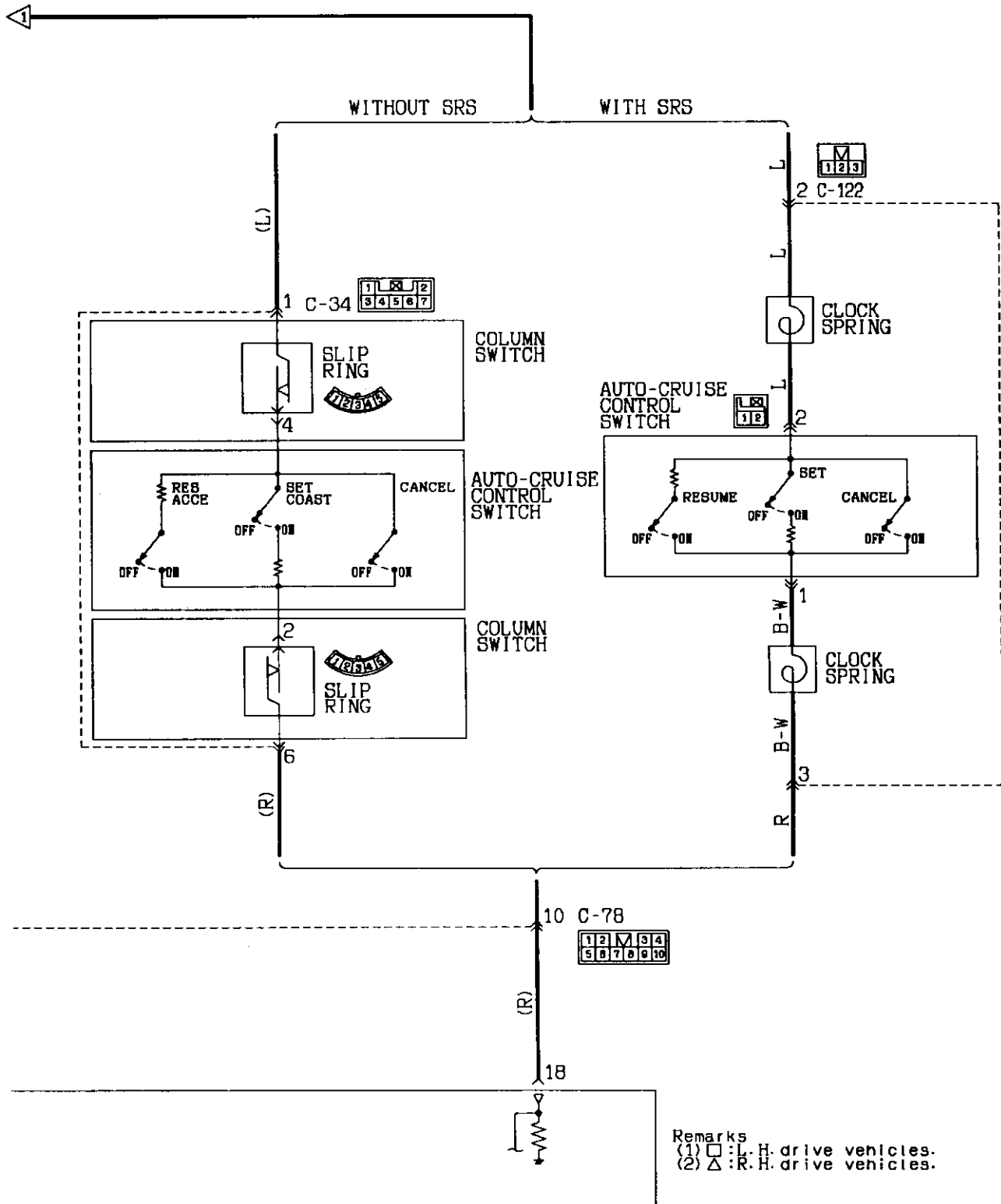


Remarks.  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.

AUTO-CRUISE CONTROL SYSTEM <DOHC> (CONTINUED)

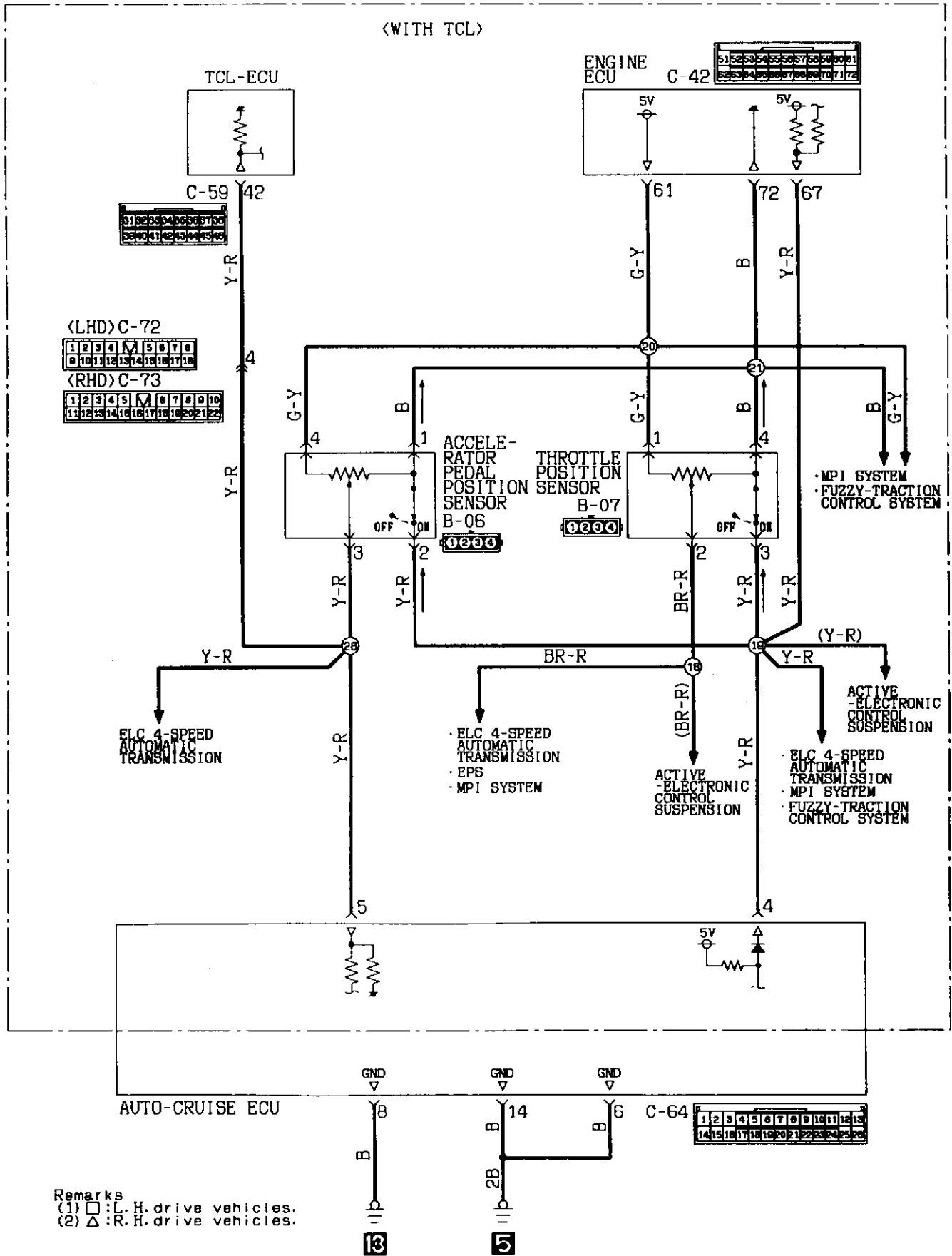


KX35-AC-F1534B-EC

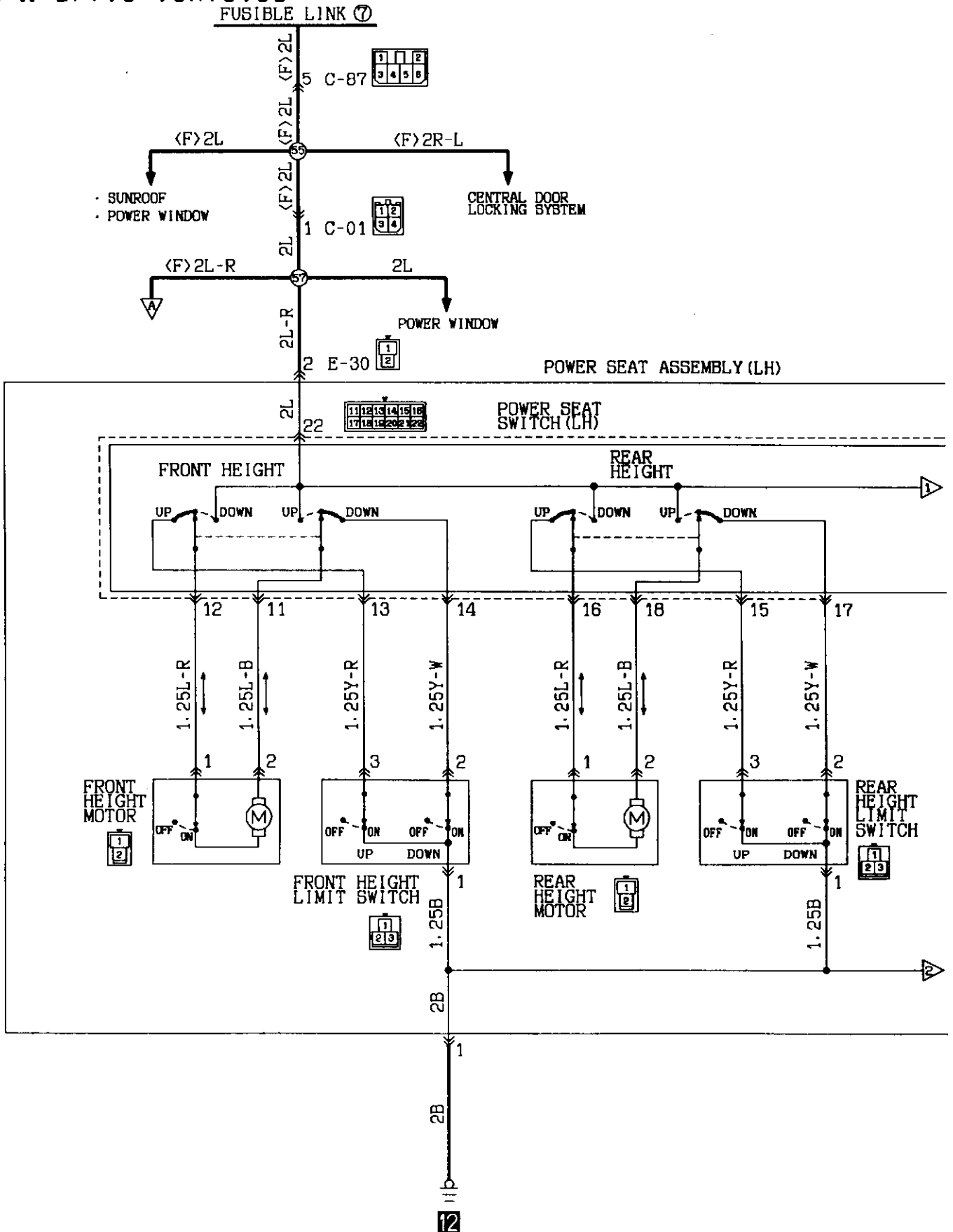


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

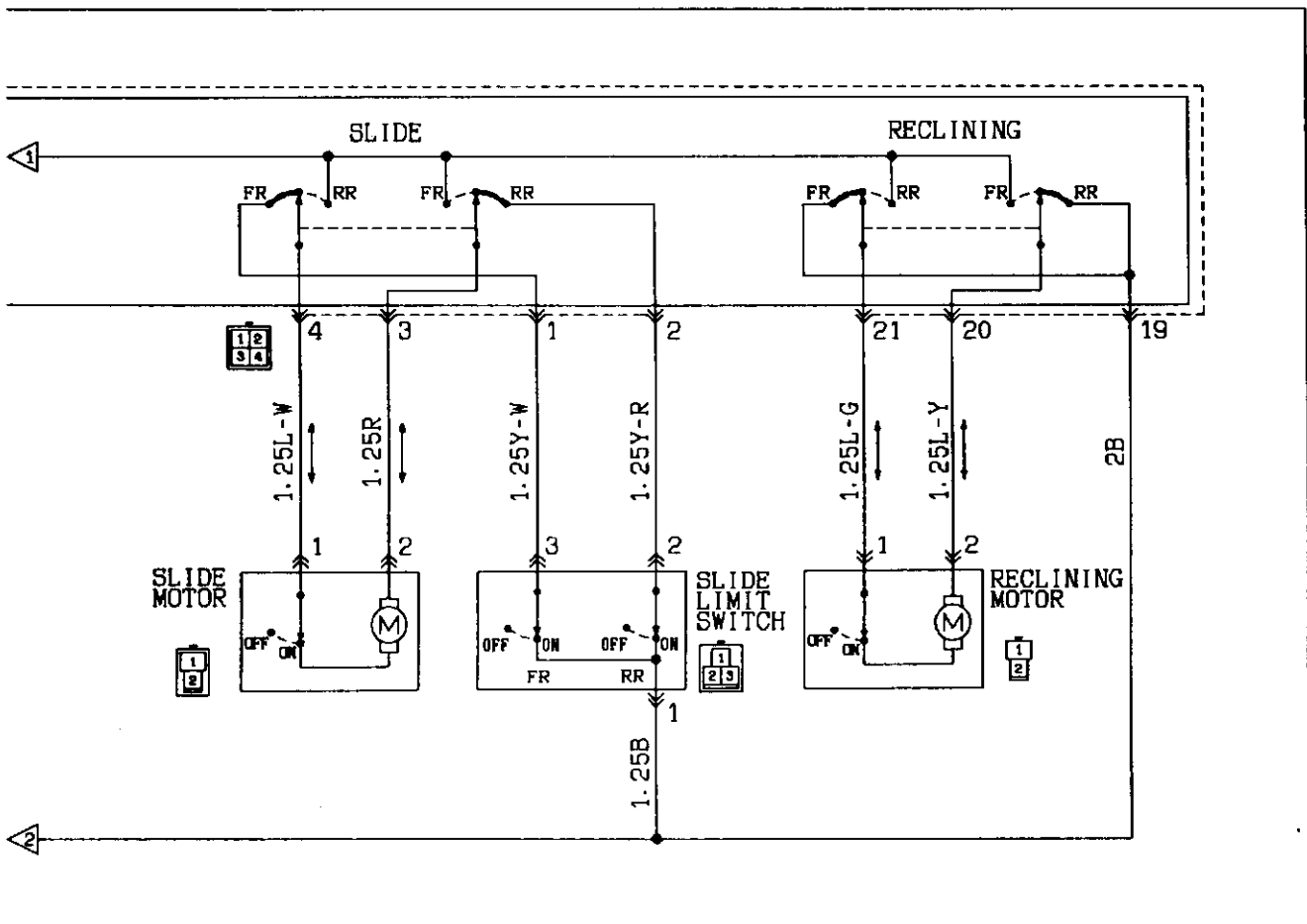




**POWER SEAT**  
L.H. drive vehicles



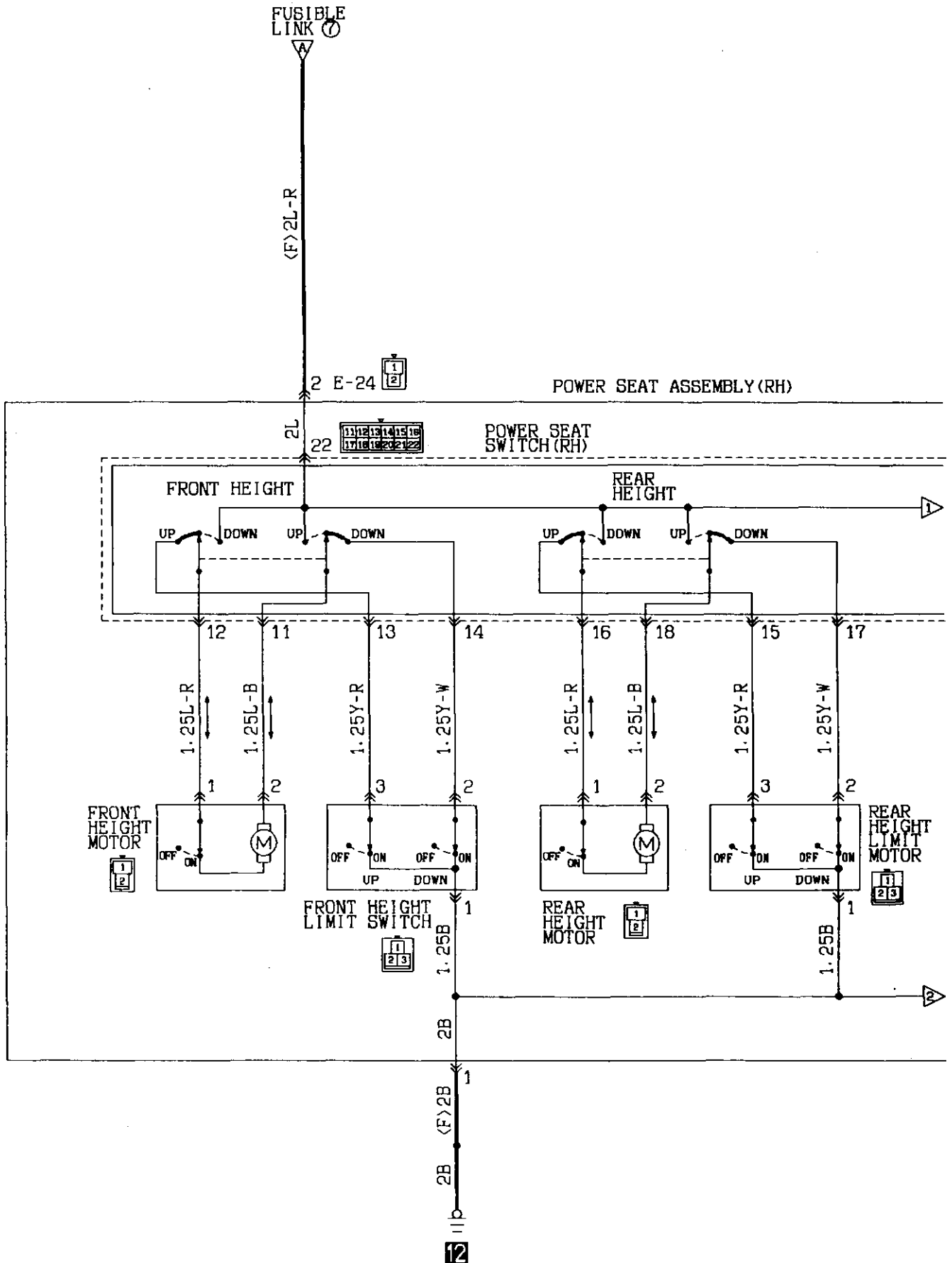
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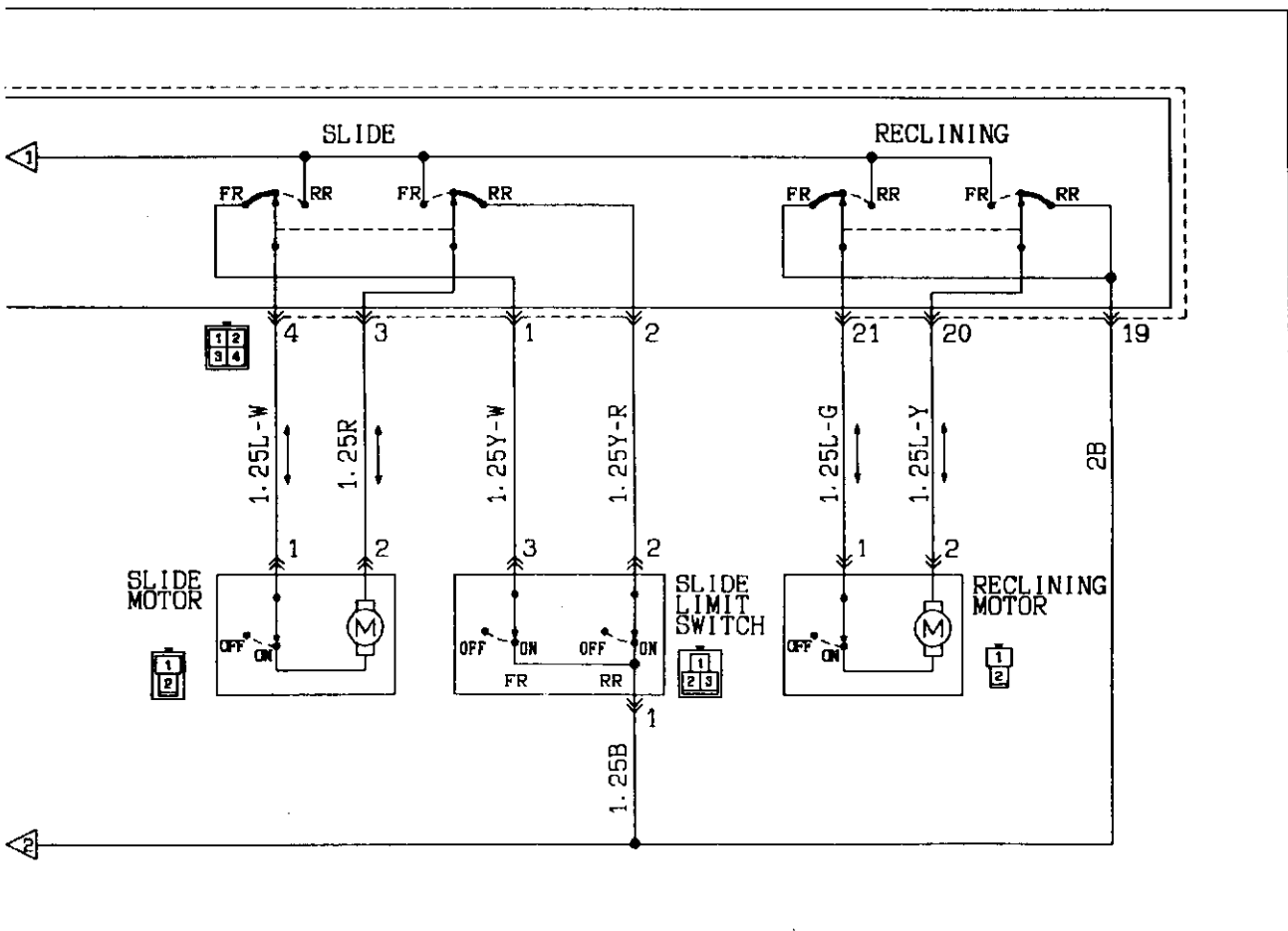


Wire colour code  
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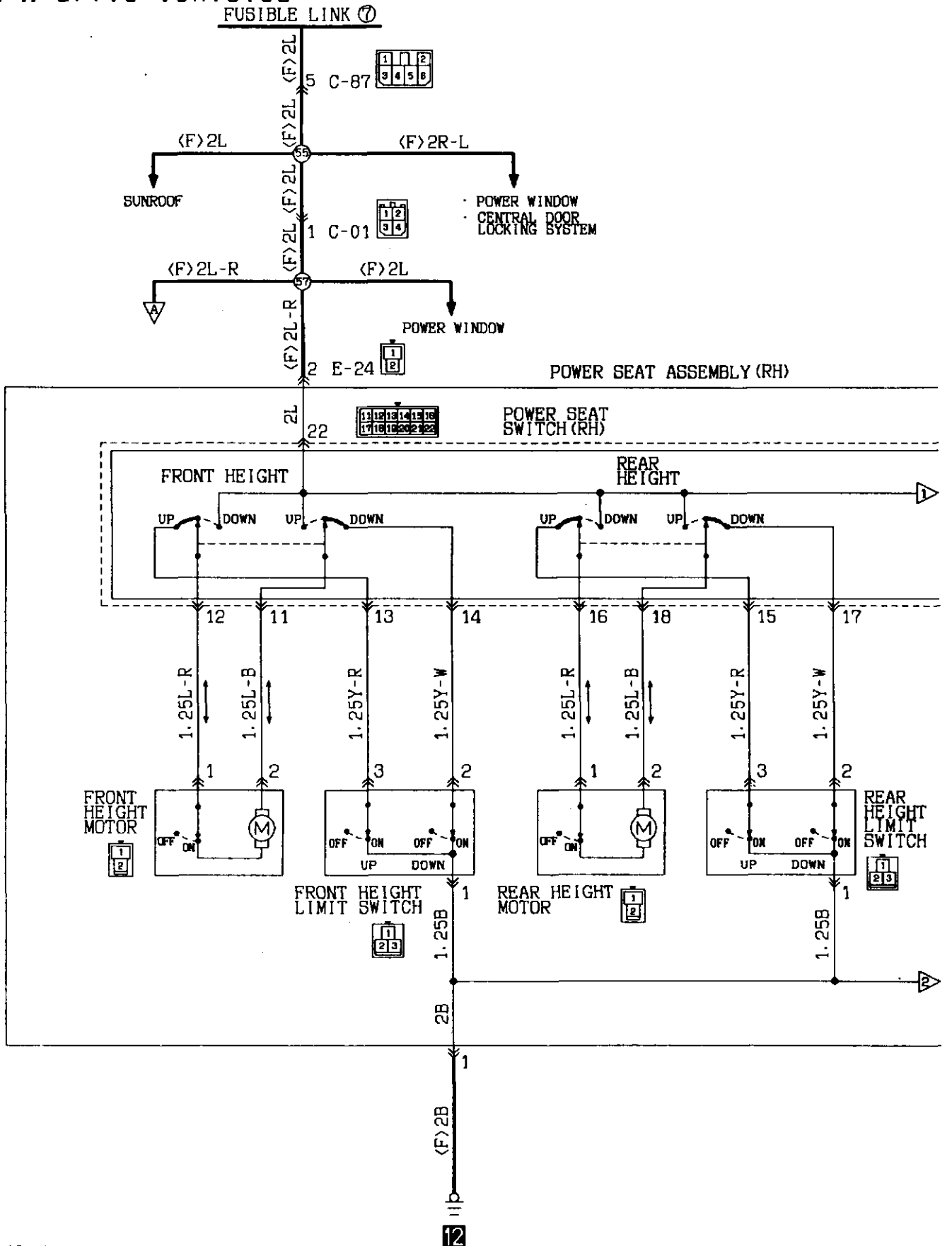
POWER SEAT (L.H. drive vehicles)(CONTINUED)



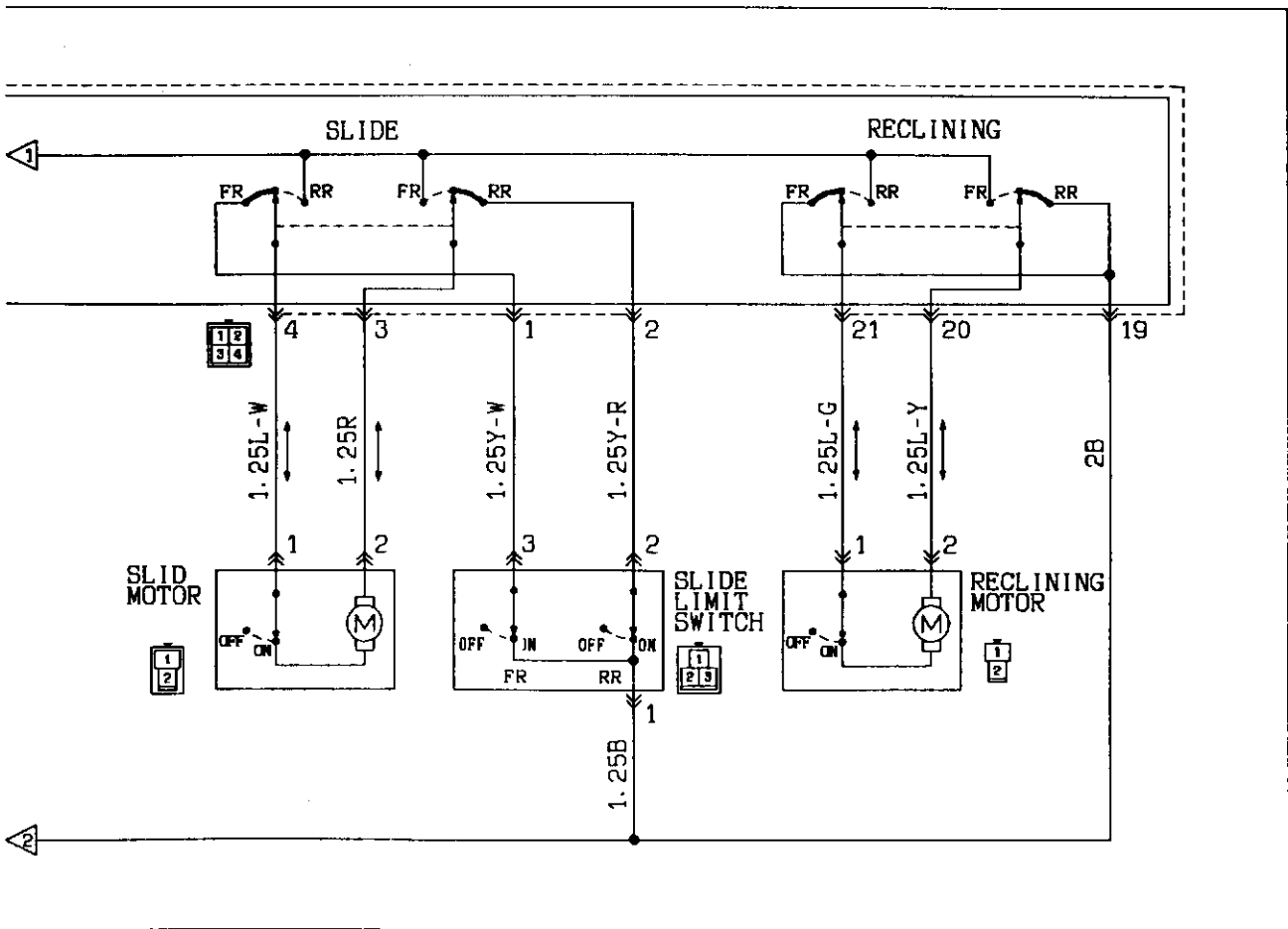


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

**POWER SEAT**  
R. H. drive vehicles

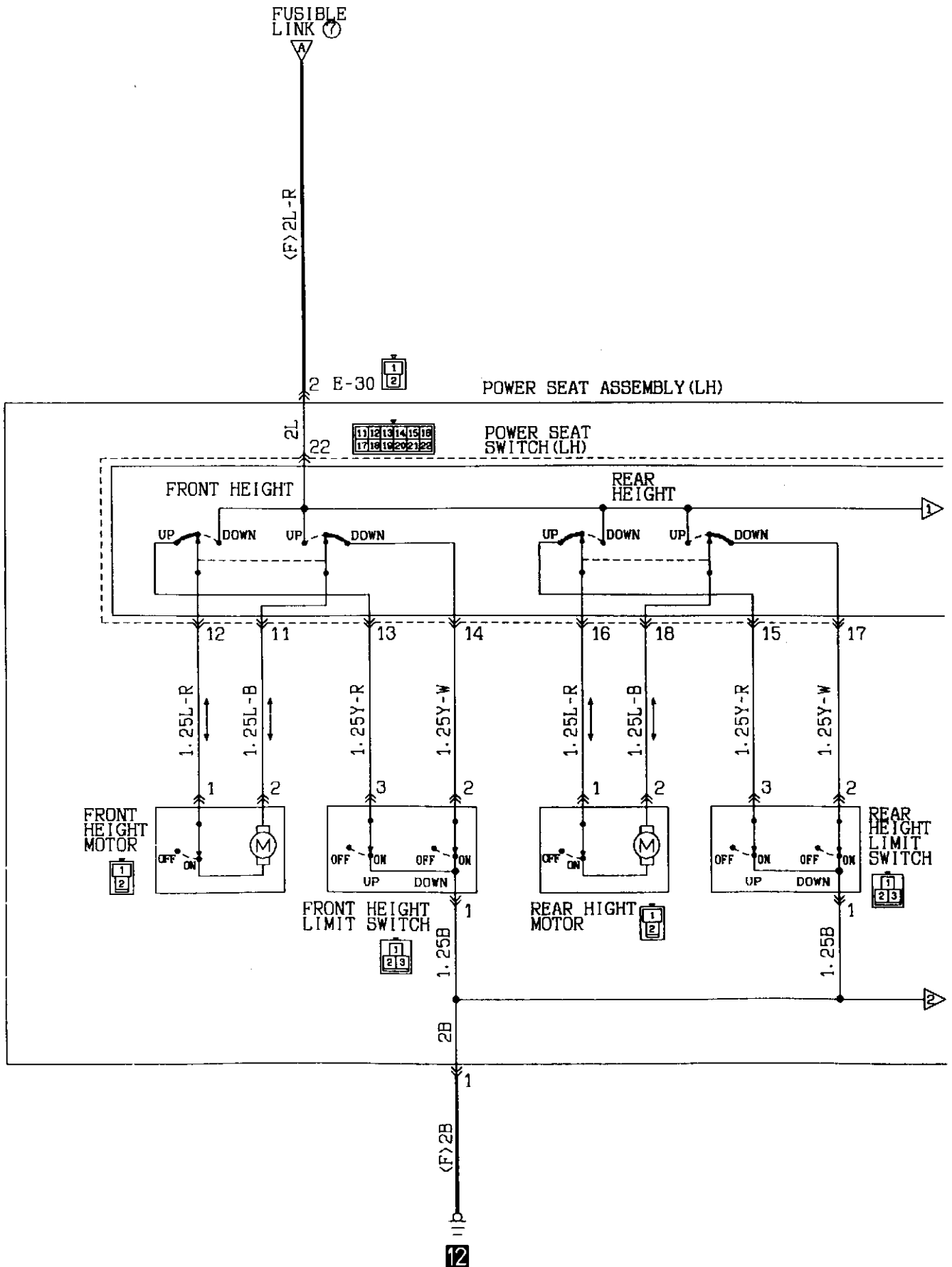


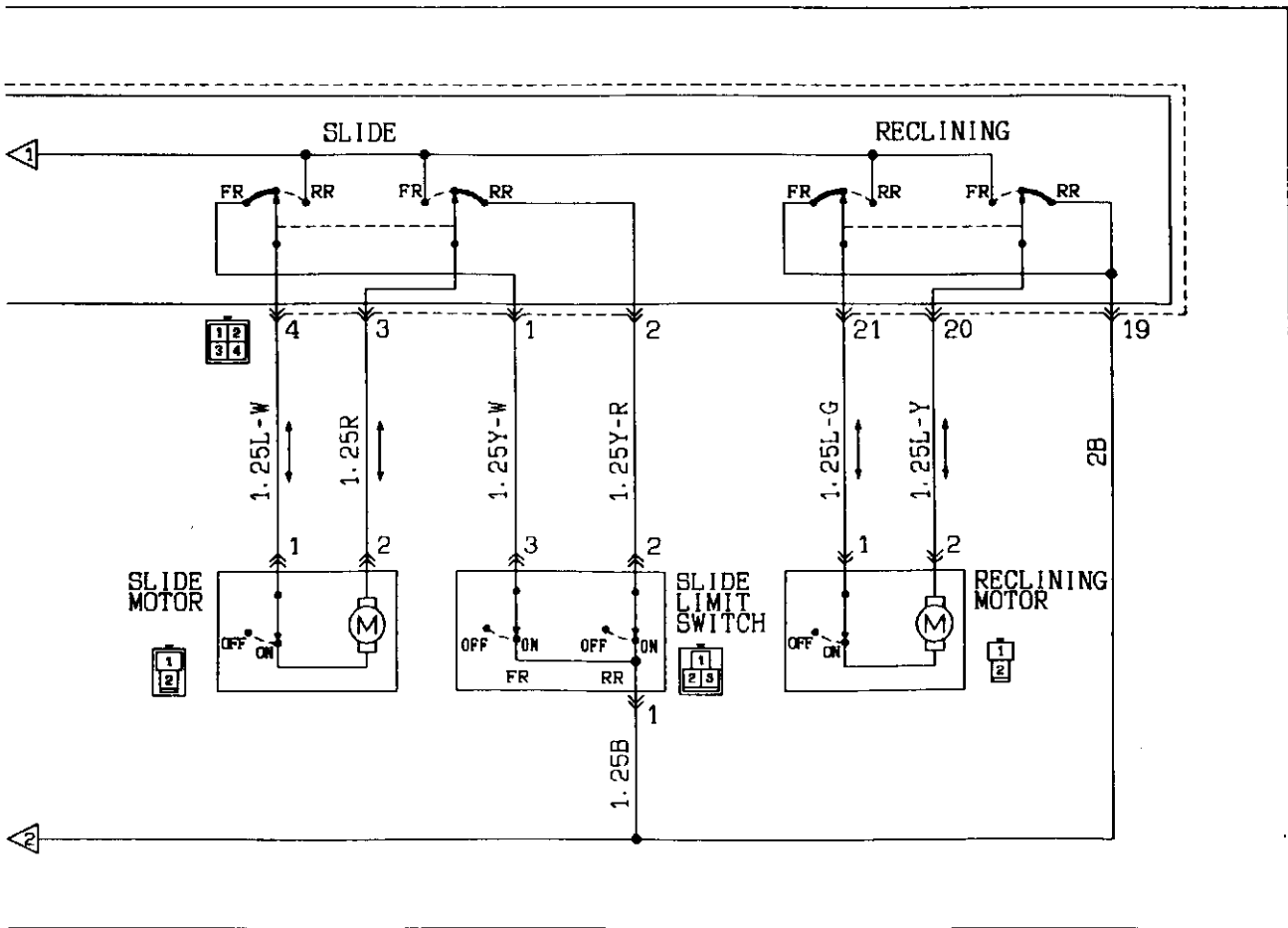
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Wire colour code  
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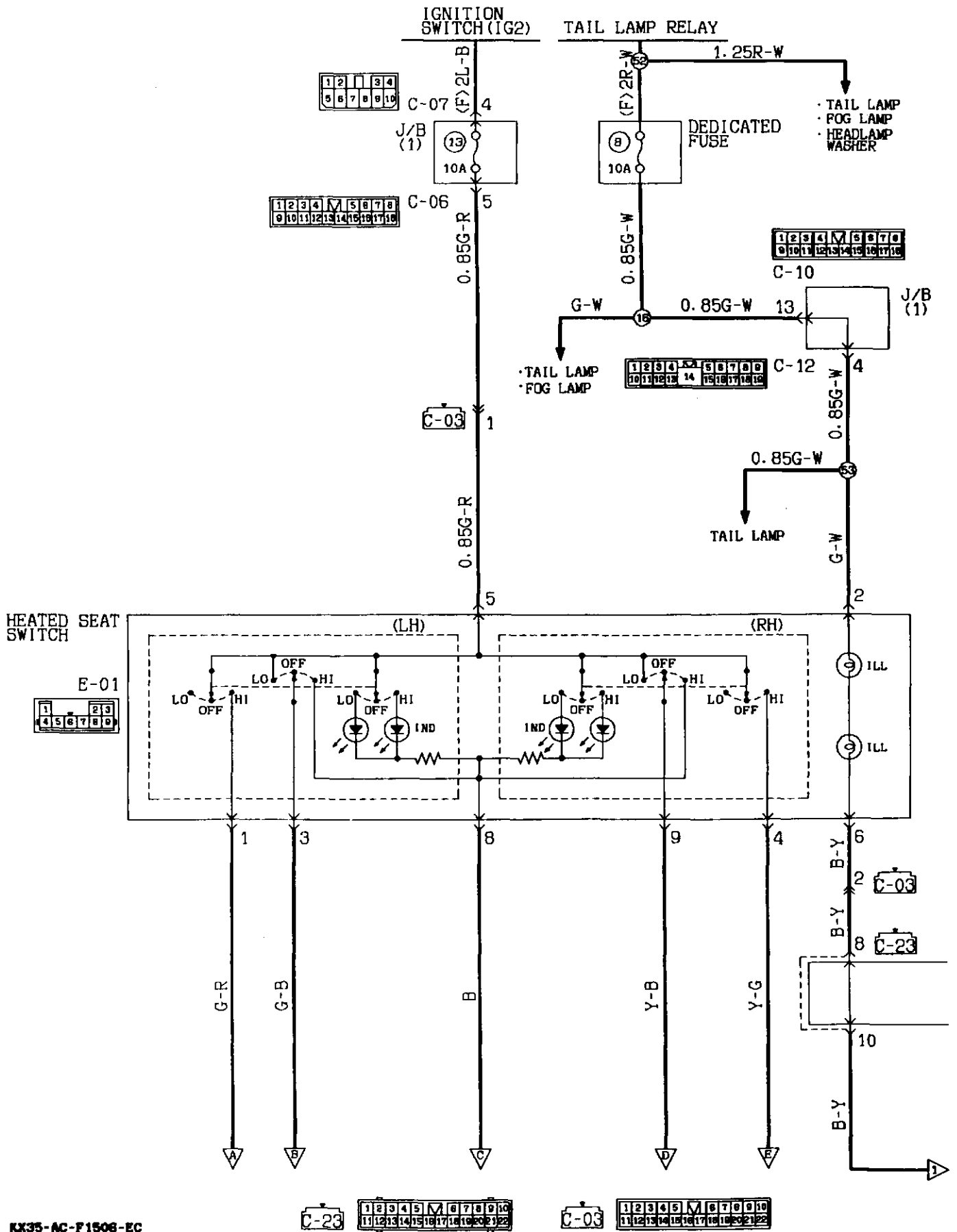
POWER SEAT (R. H. drive vehicles)(CONTINUED)





Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

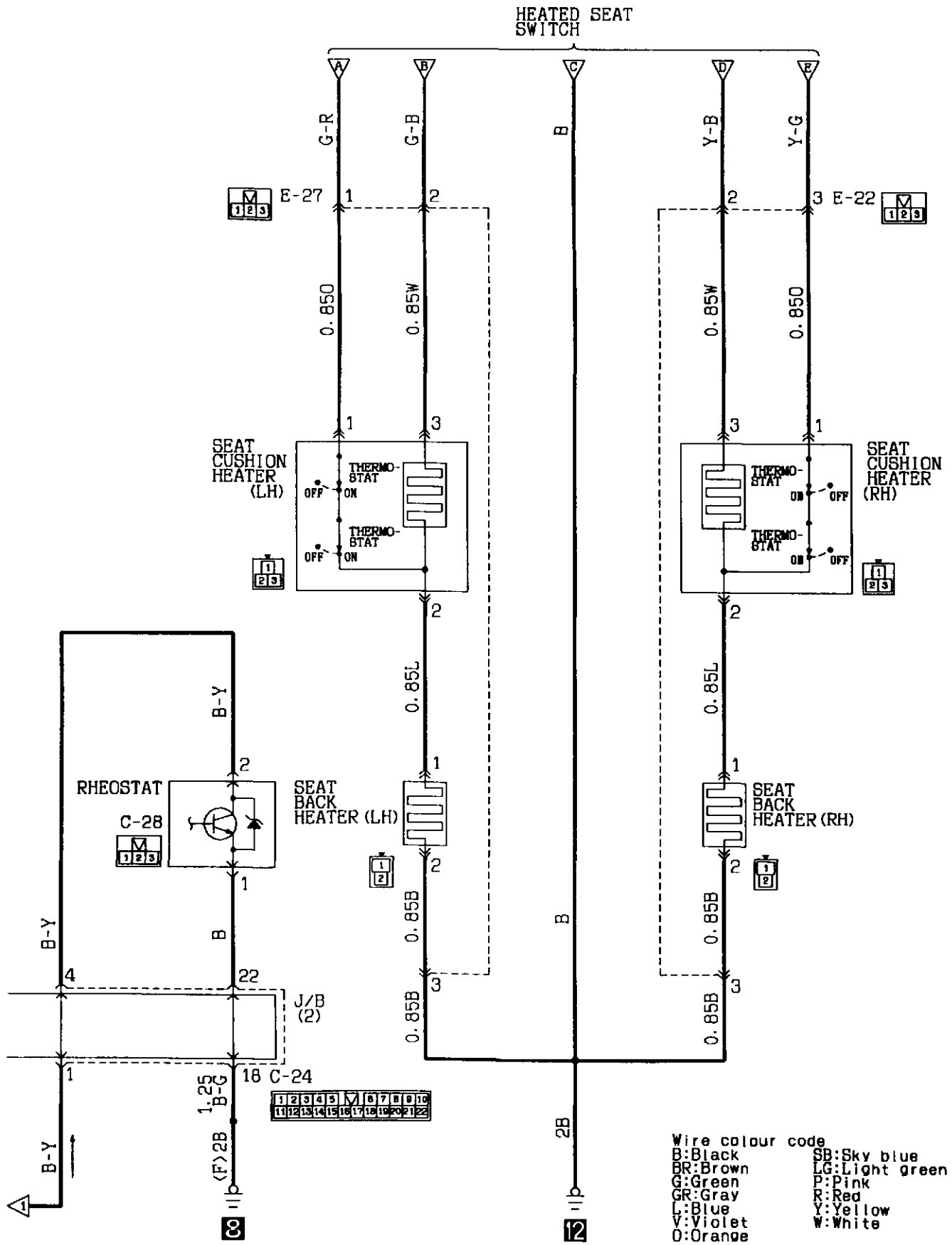
# HEATED SEAT



KX35-AC-F1506-EC

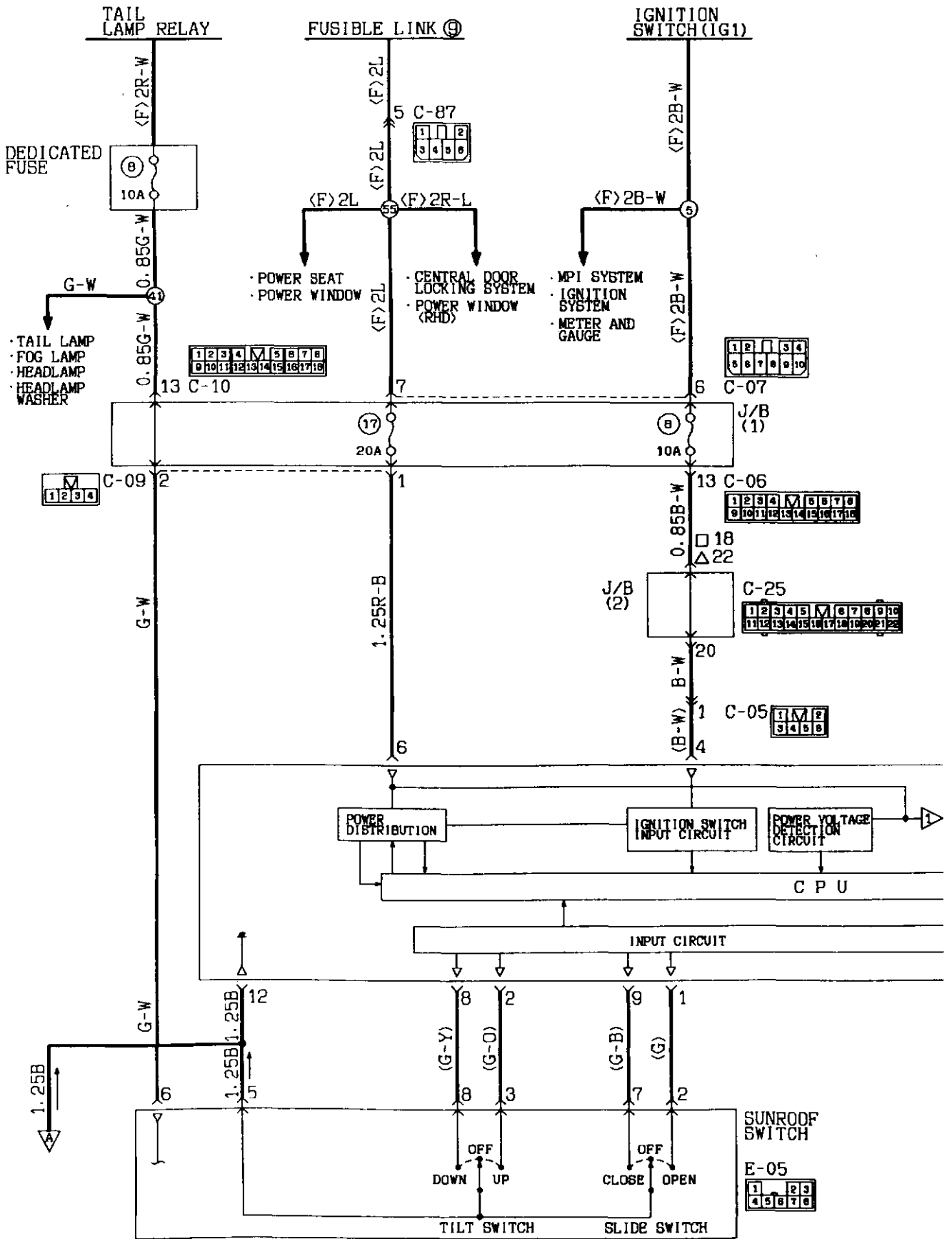
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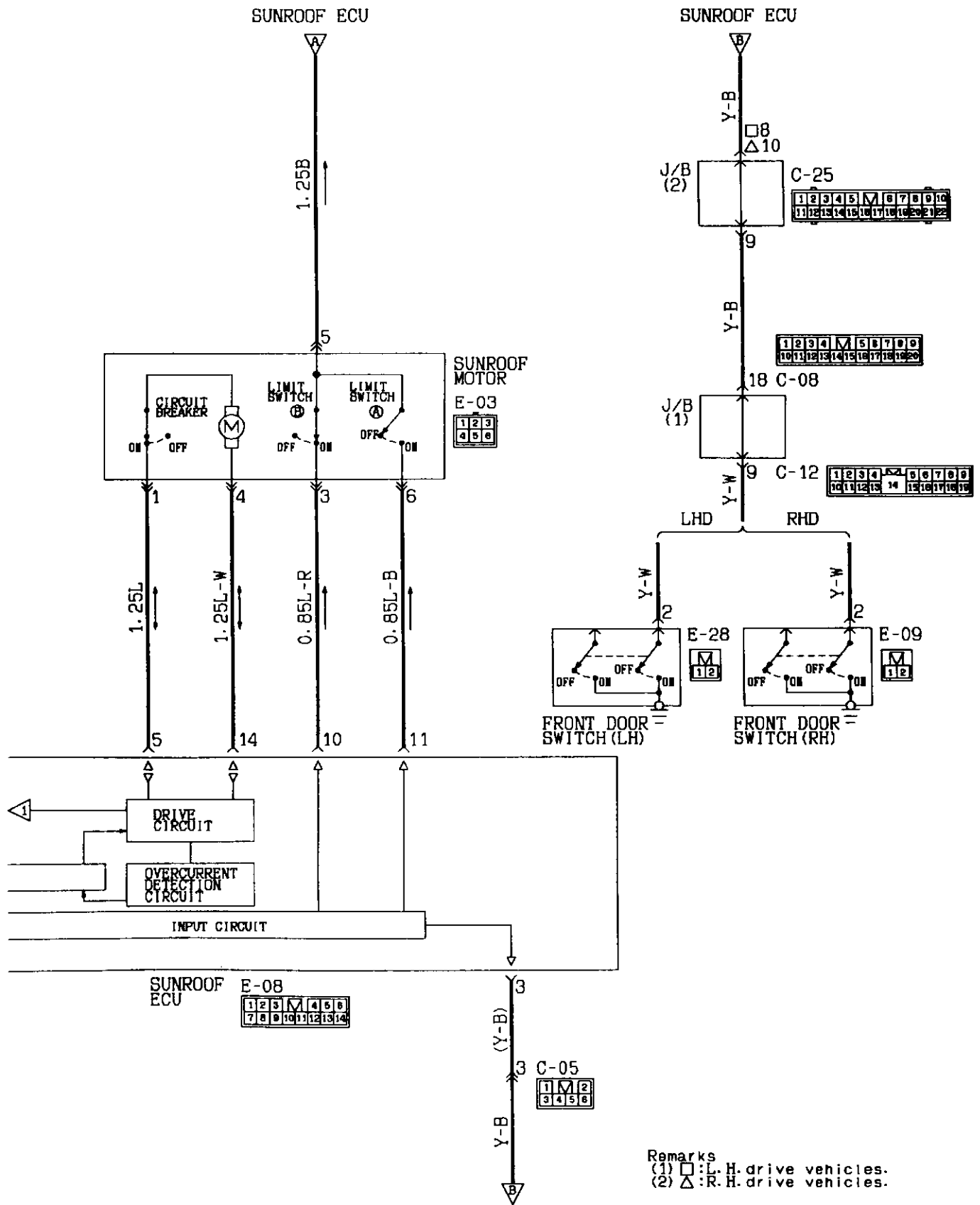




SUNROOF

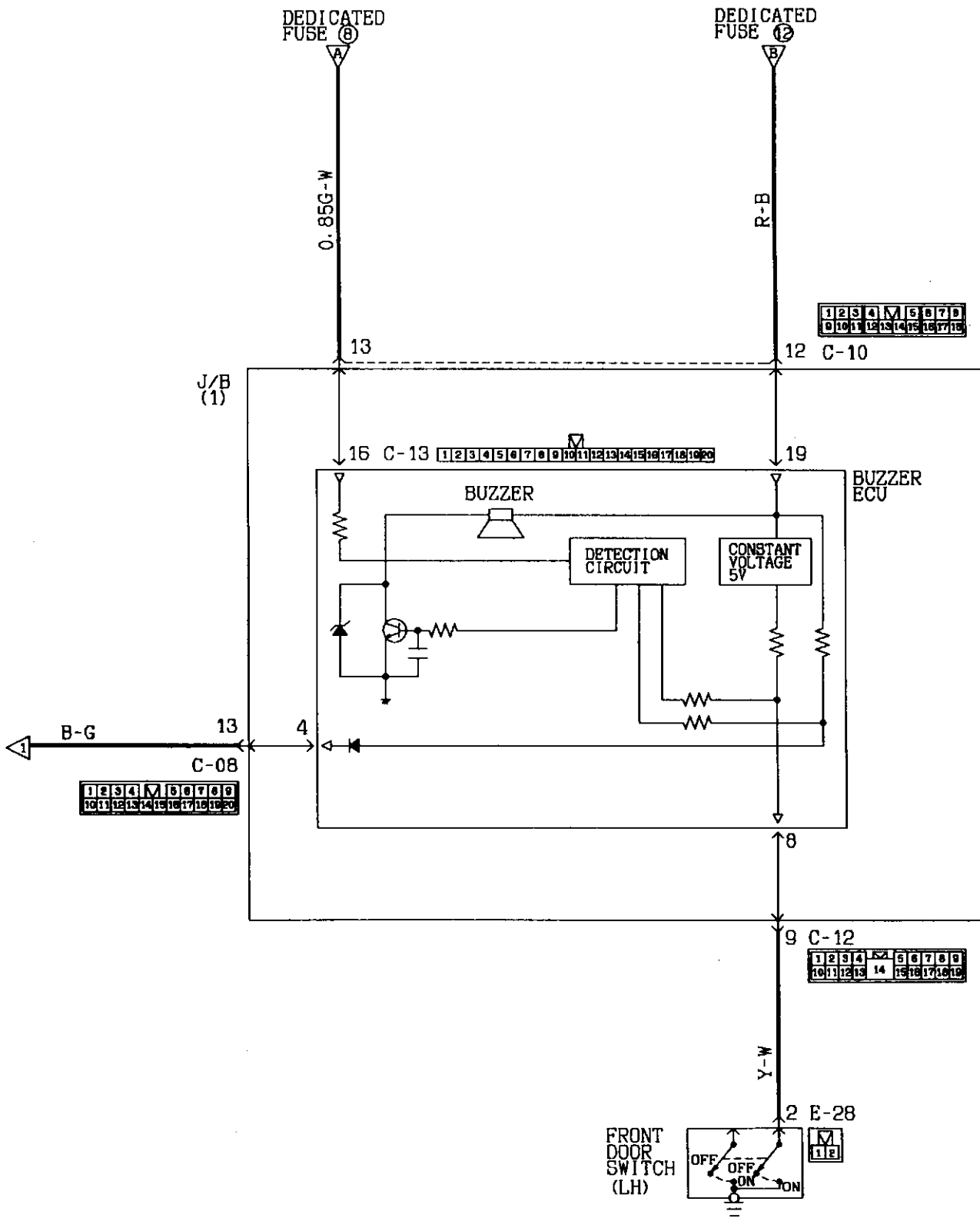


KX35-AC-F1521-E



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow BB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet





Remarks

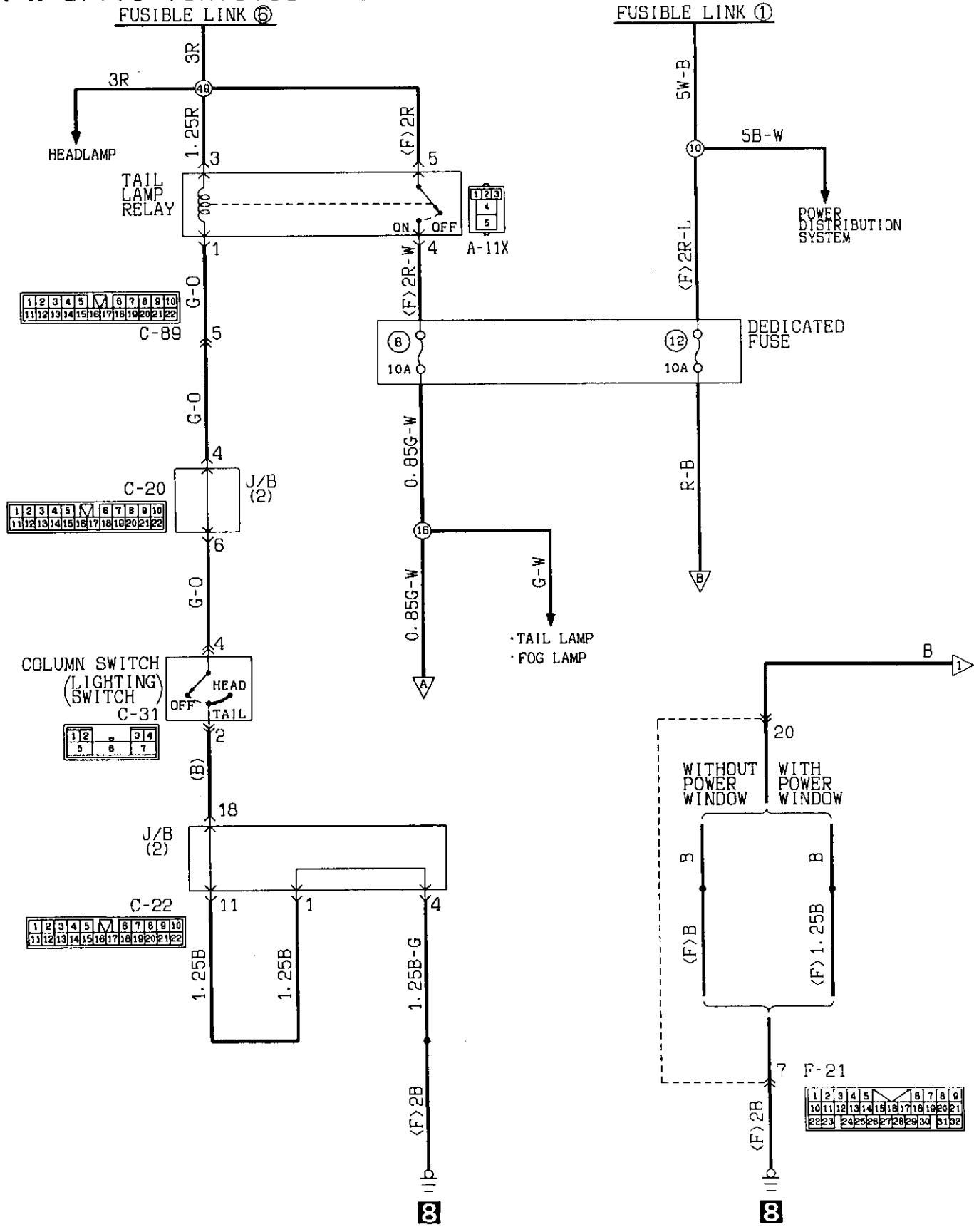
- (1) \*1: Vehicles with front wiring harness joint connector.
- (2) \*2: Vehicles without front wiring harness joint connector.

Wire colour code

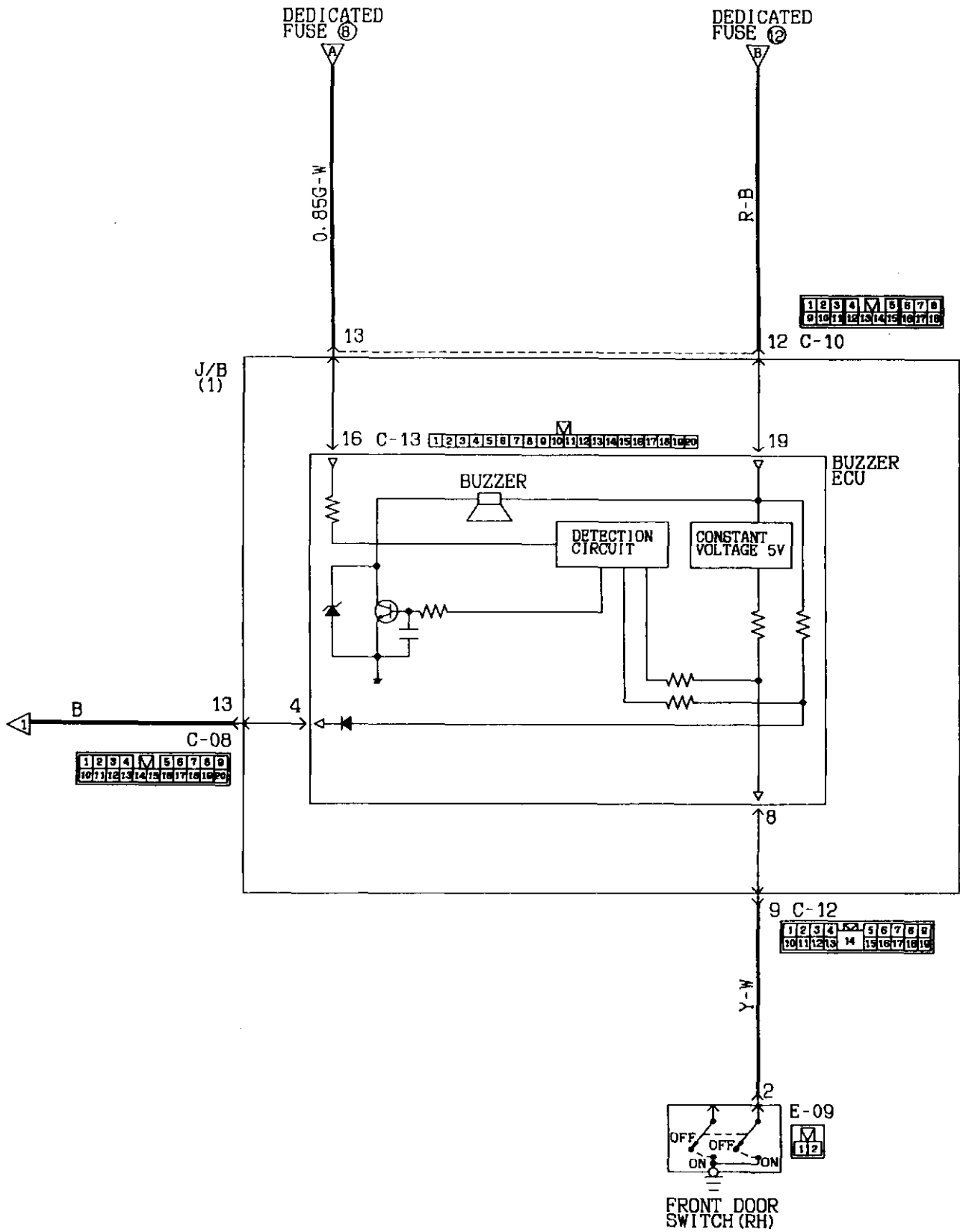
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

# LIGHTING MONITOR BUZZER

R. H. drive vehicles without ETACS



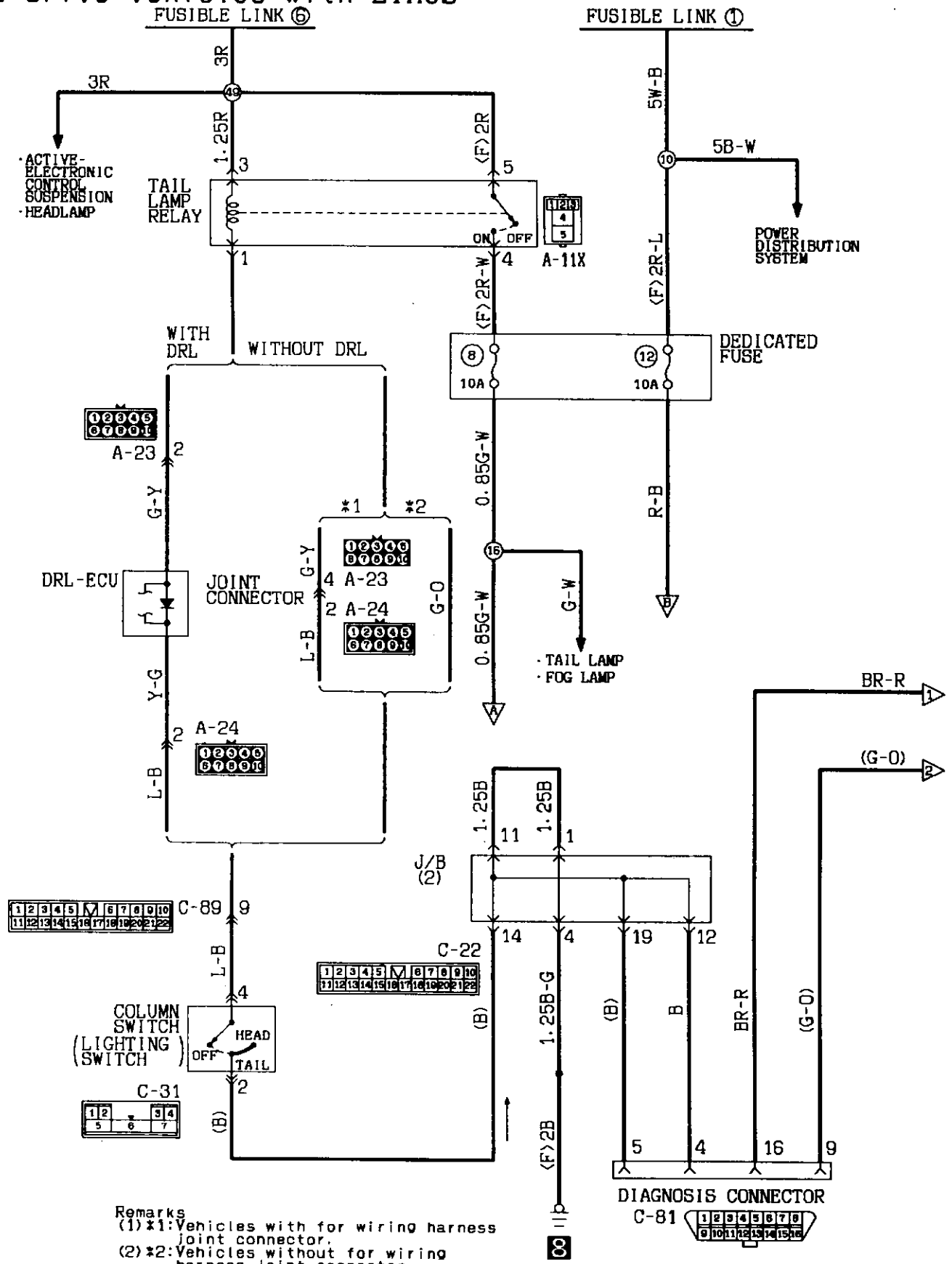
KX35-AC-F1533-EC



Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

# LIGHTING MONITOR BUZZER

L.H. drive vehicles with ETACS

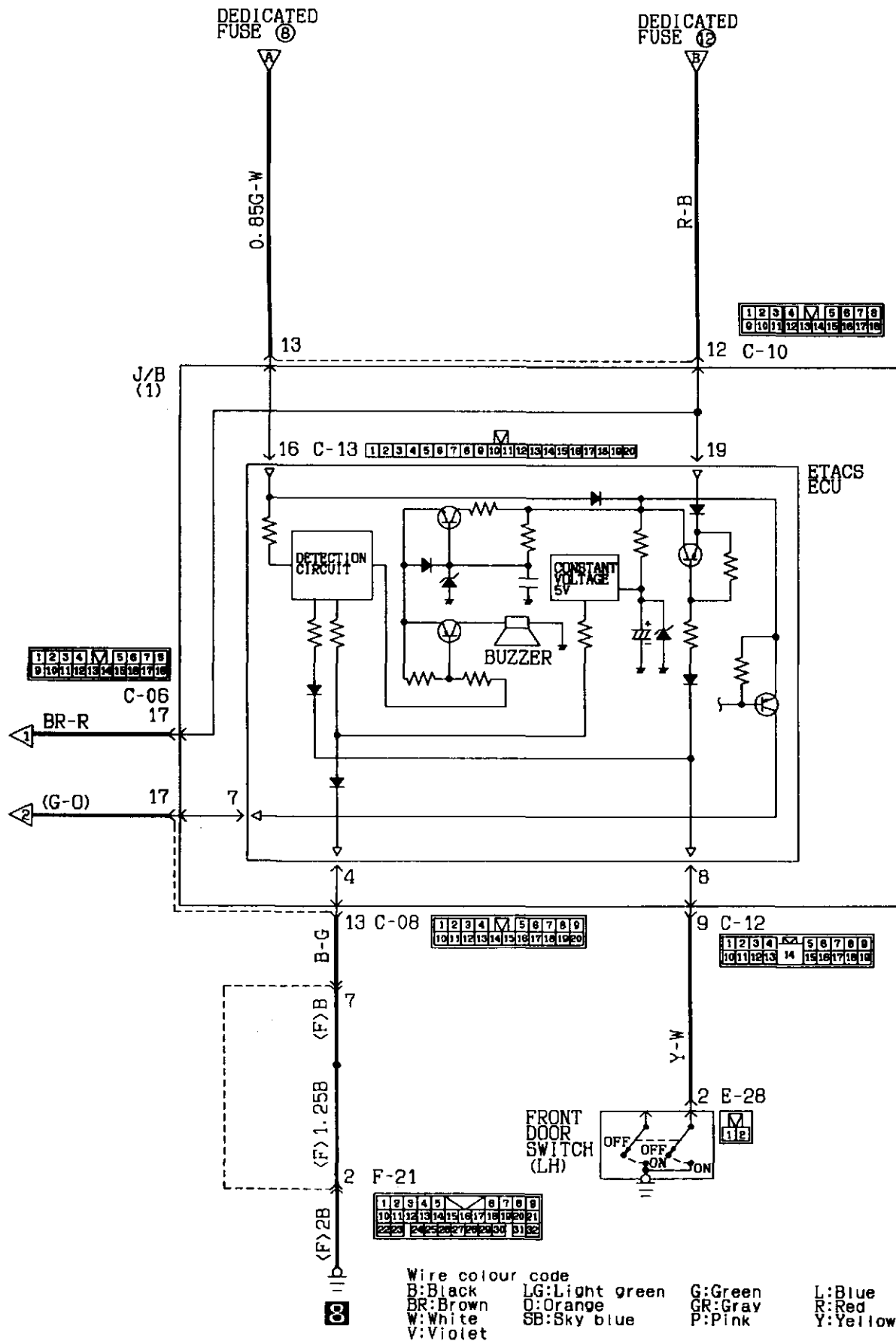


Remarks  
 (1)\*1: Vehicles with for wiring harness joint connector.  
 (2)\*2: Vehicles without for wiring harness joint connector.

KX35-AC-F1515-EC

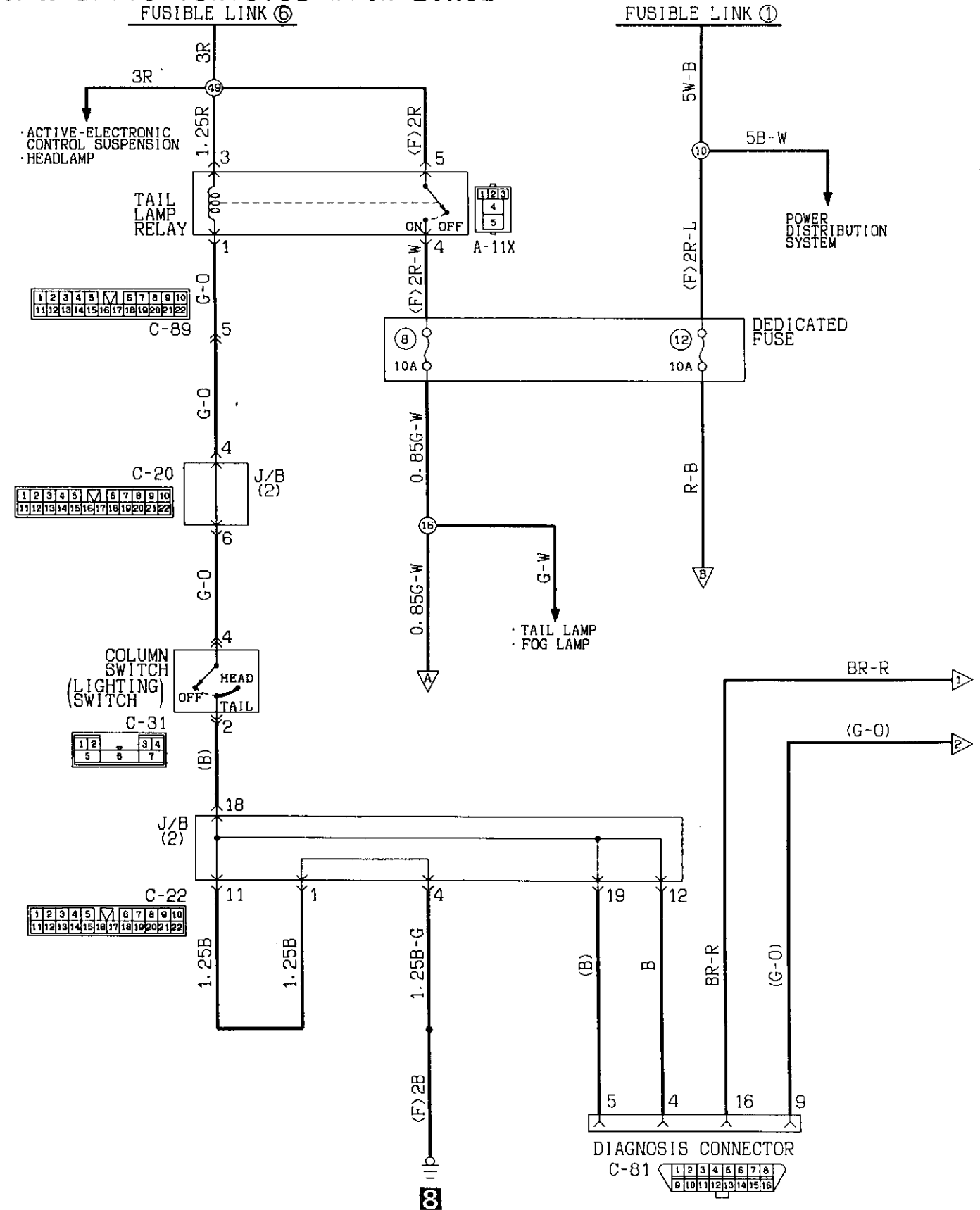
# CIRCUIT DIAGRAM

4A-377





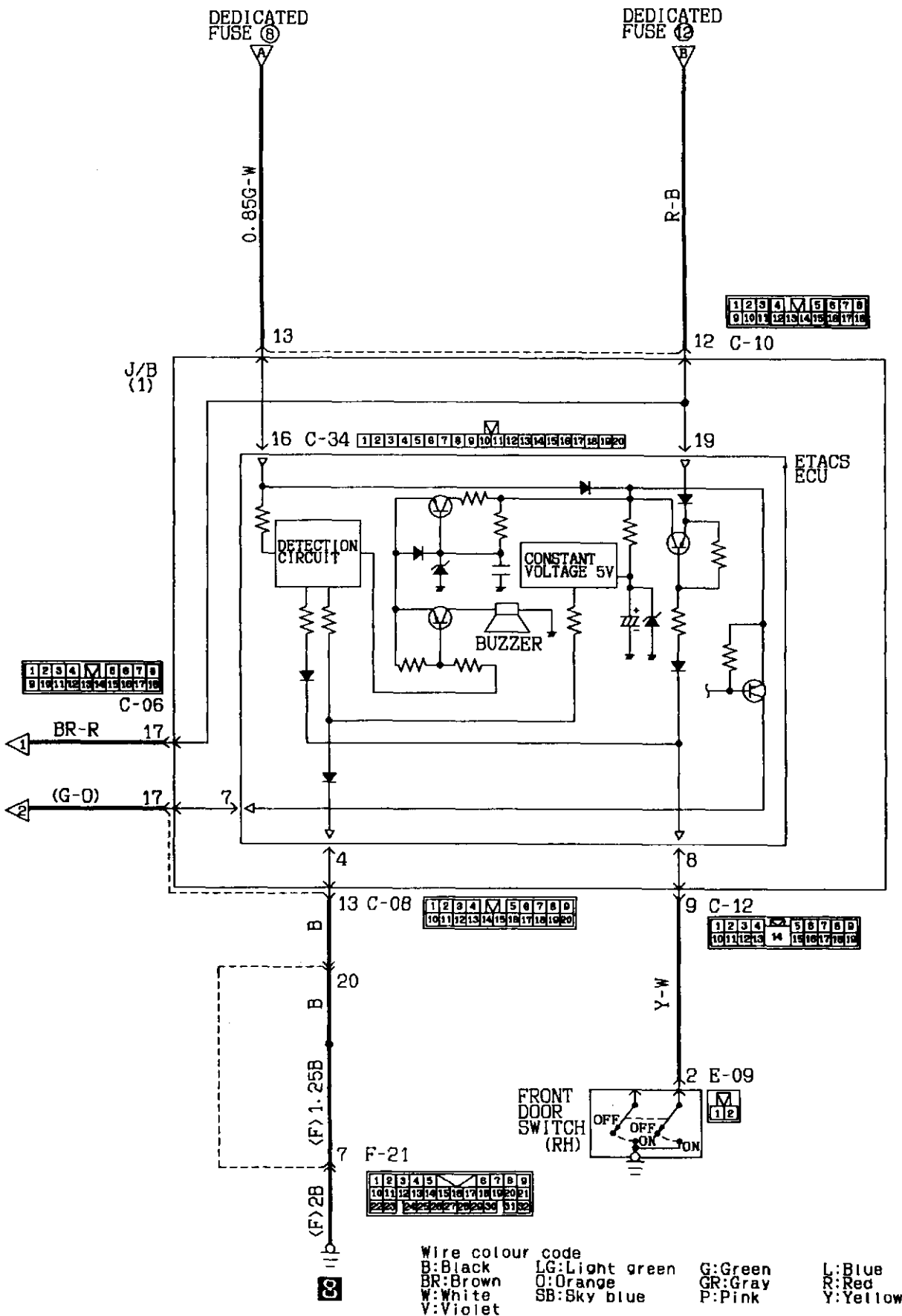
LIGHTING MONITOR BUZZER  
R. H. drive vehicles with ETACS



KX35-AC-F1532-EC

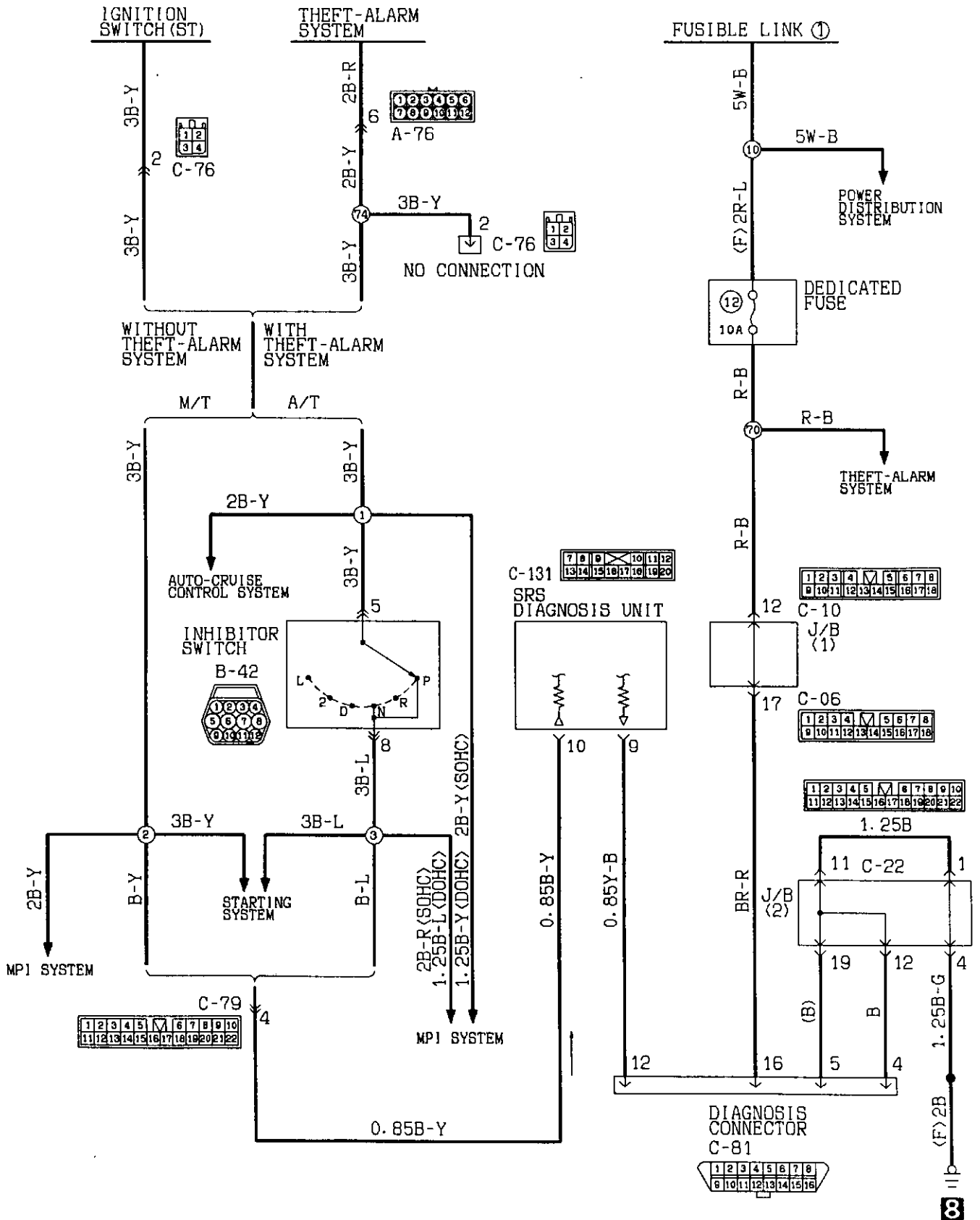
# CIRCUIT DIAGRAM

4A-379



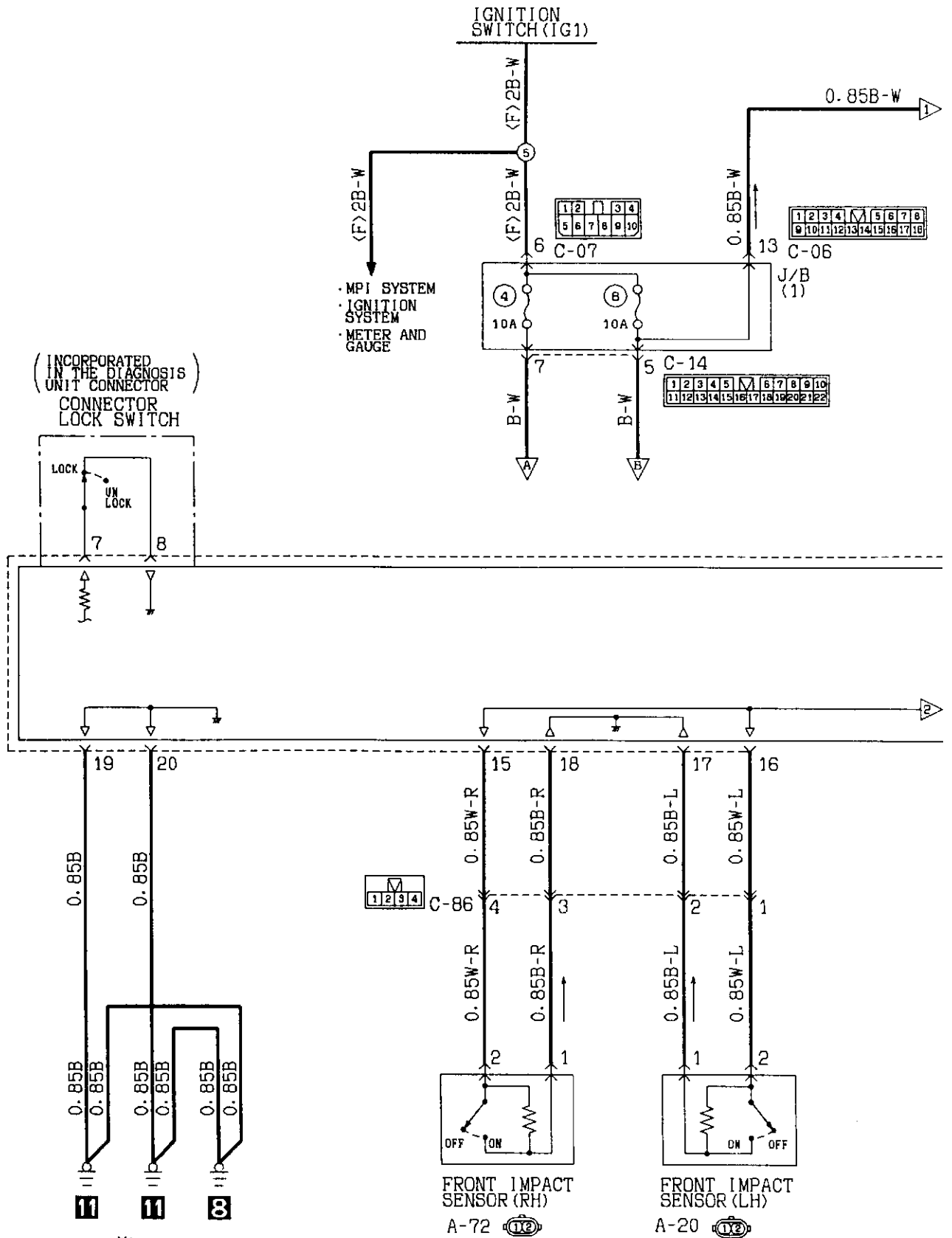
# SUPPLEMENTAL RESTRAINT SYSTEM

Petrol-powered vehicles (L.H. drive vehicles)



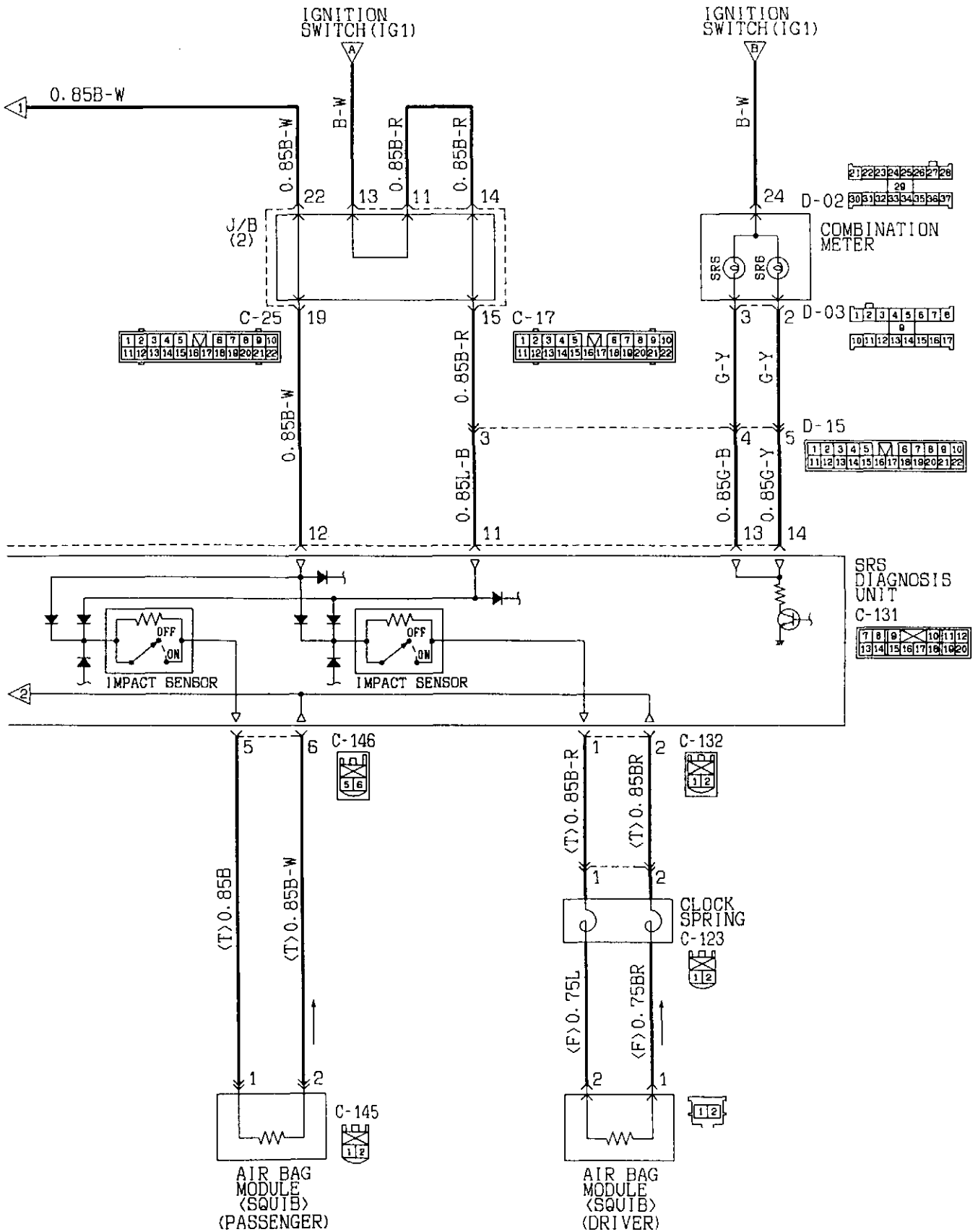
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-F1520-EC

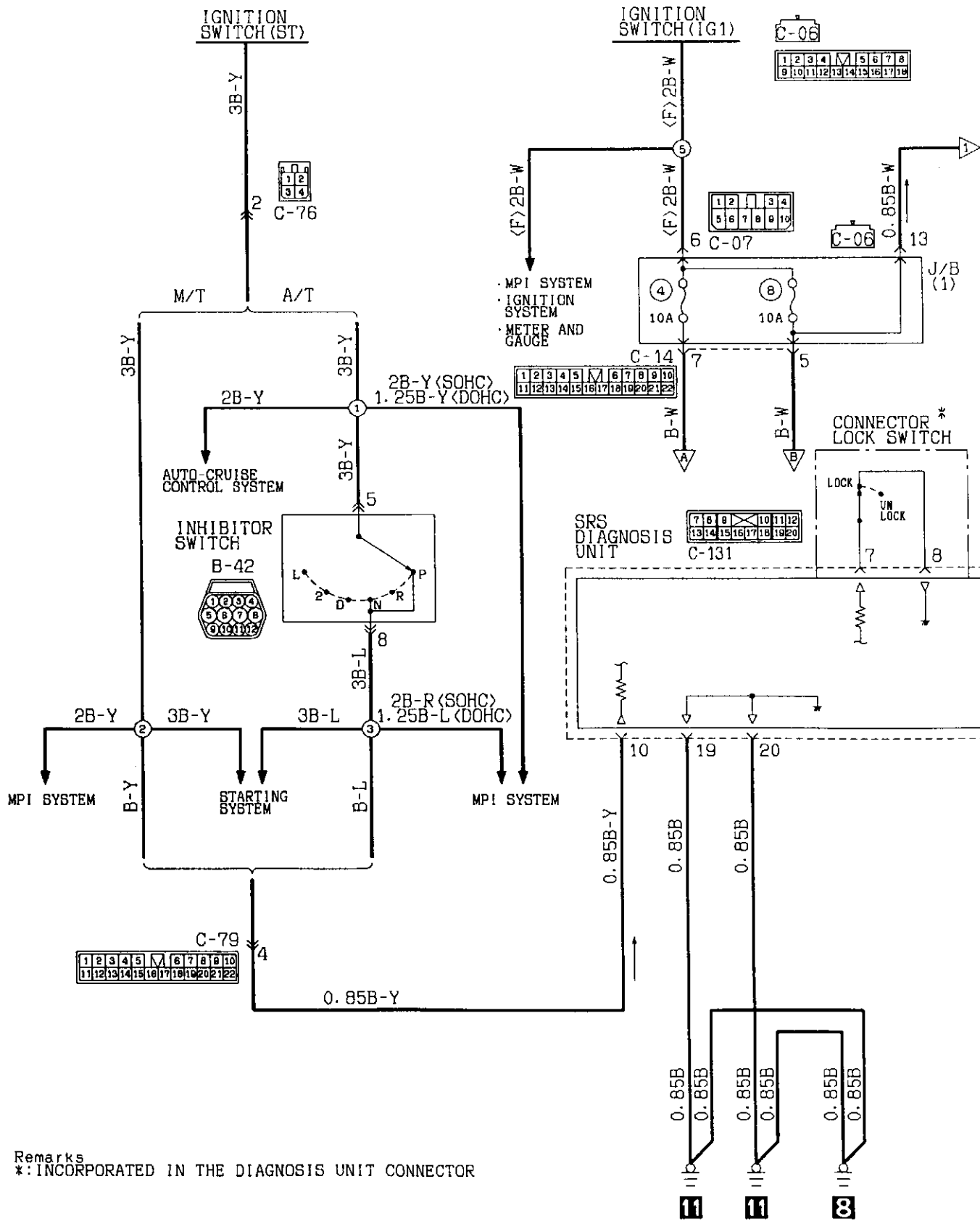


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

SUPPLEMENTAL RESTRAINT SYSTEM  
 (Petrol-powered vehicles) (L.H. drive vehicles) (CONTINUED)



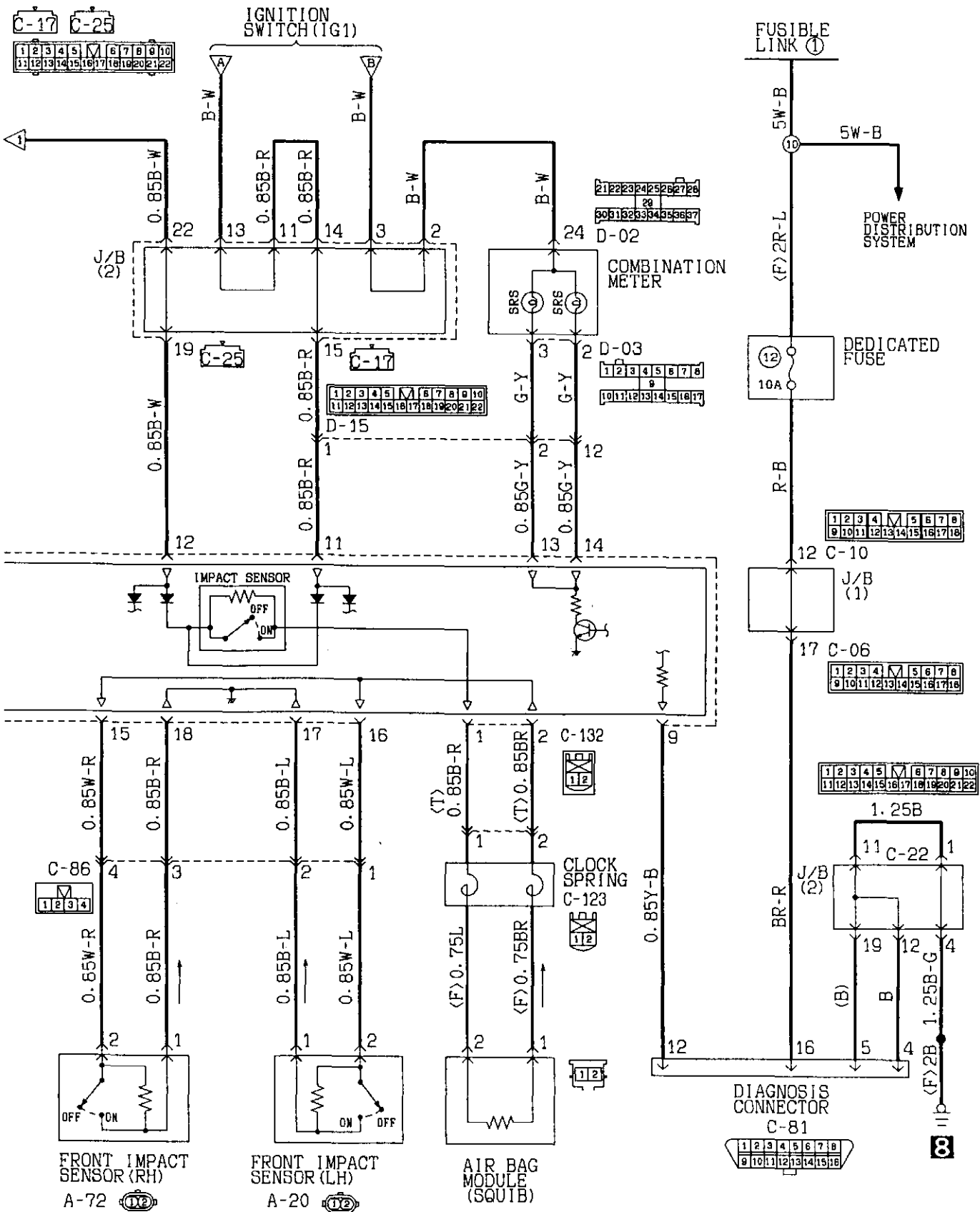
SUPPLEMENTAL RESTRAINT SYSTEM  
Petrol-powered vehicles (R.H. drive vehicles)



Remarks  
\*: INCORPORATED IN THE DIAGNOSIS UNIT CONNECTOR

Wire colour code  
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

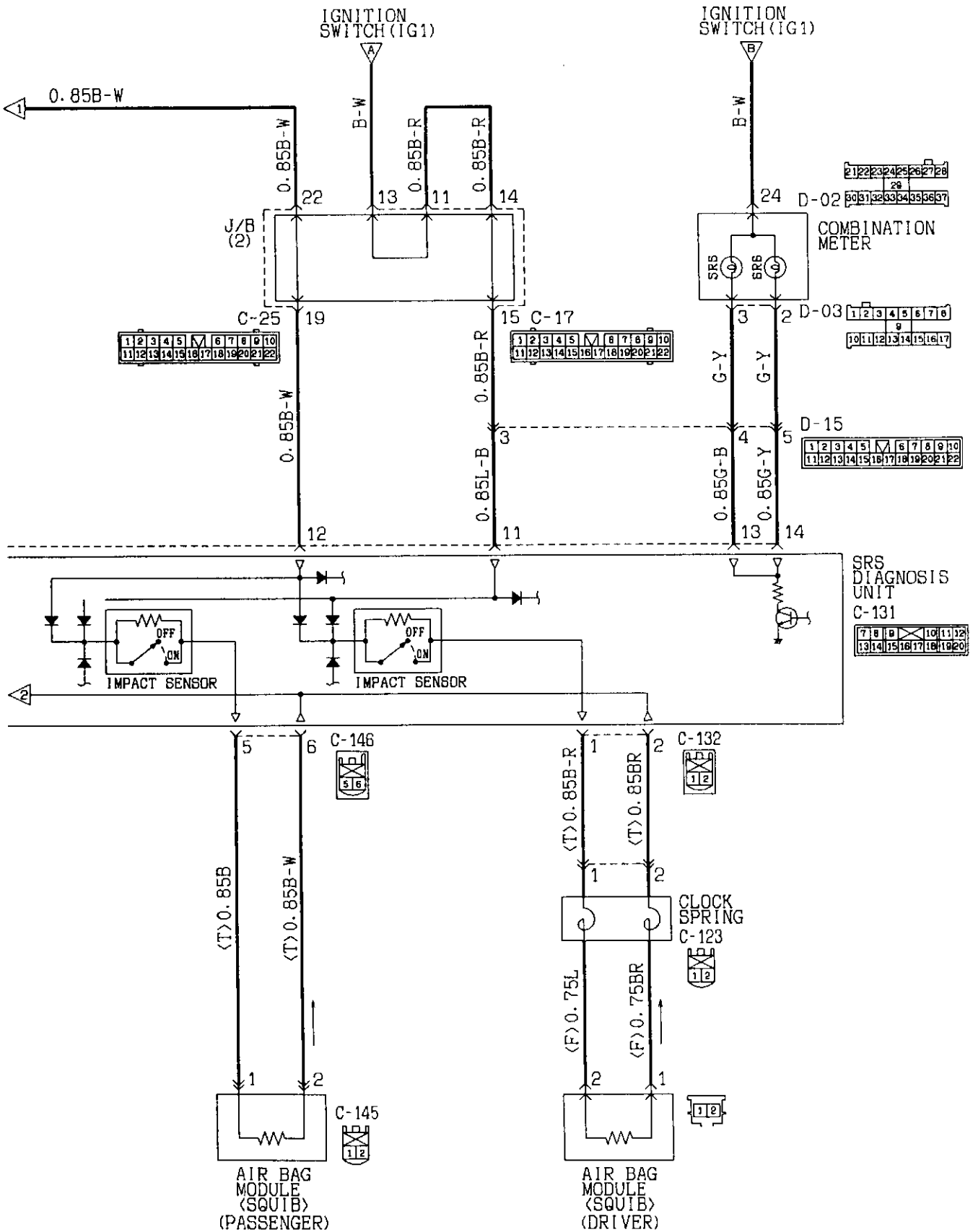
SUPPLEMENTAL RESTRAINT SYSTEM  
 (Petrol-powered vehicles) (R.H. drive vehicles) (CONTINUED)





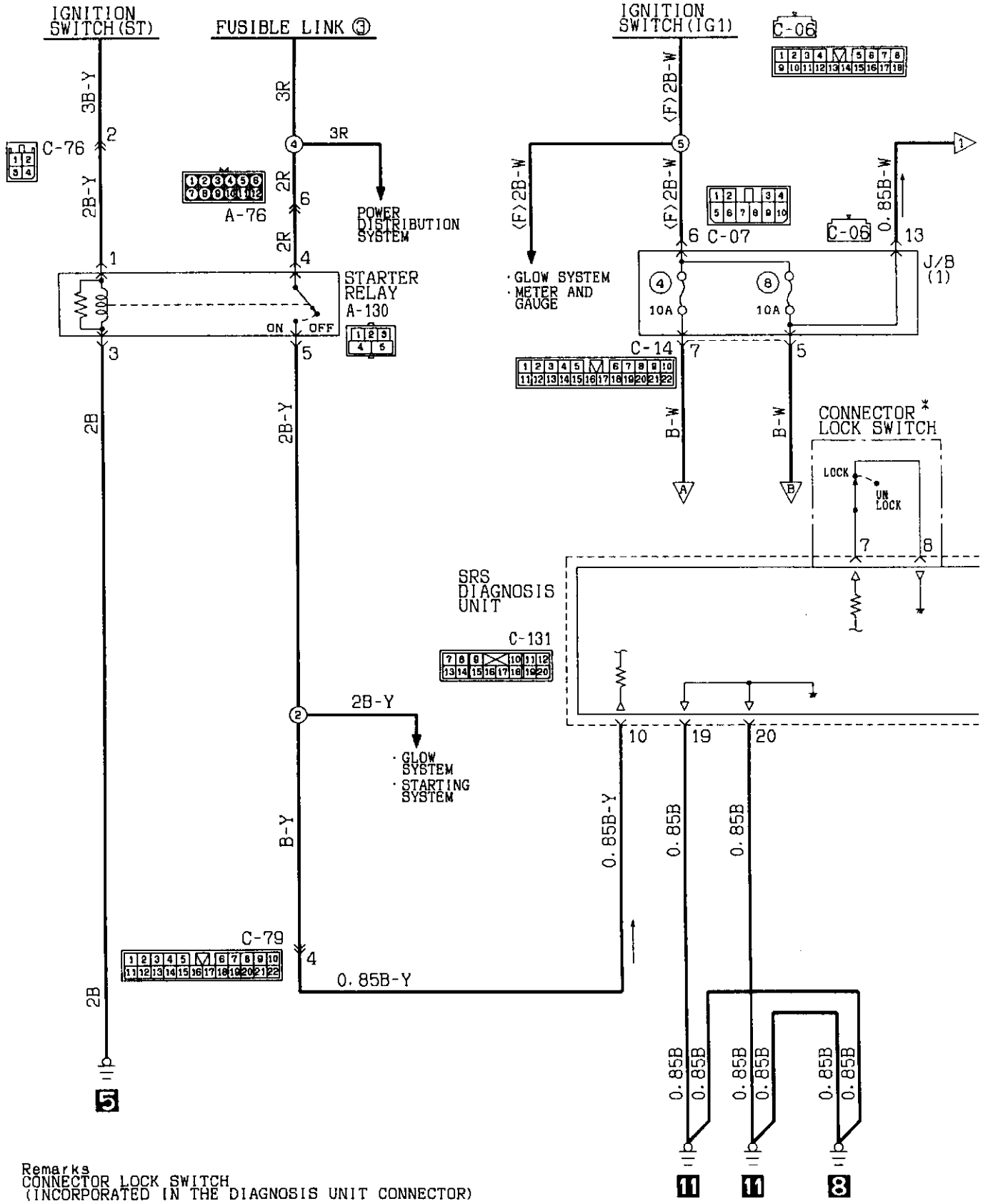






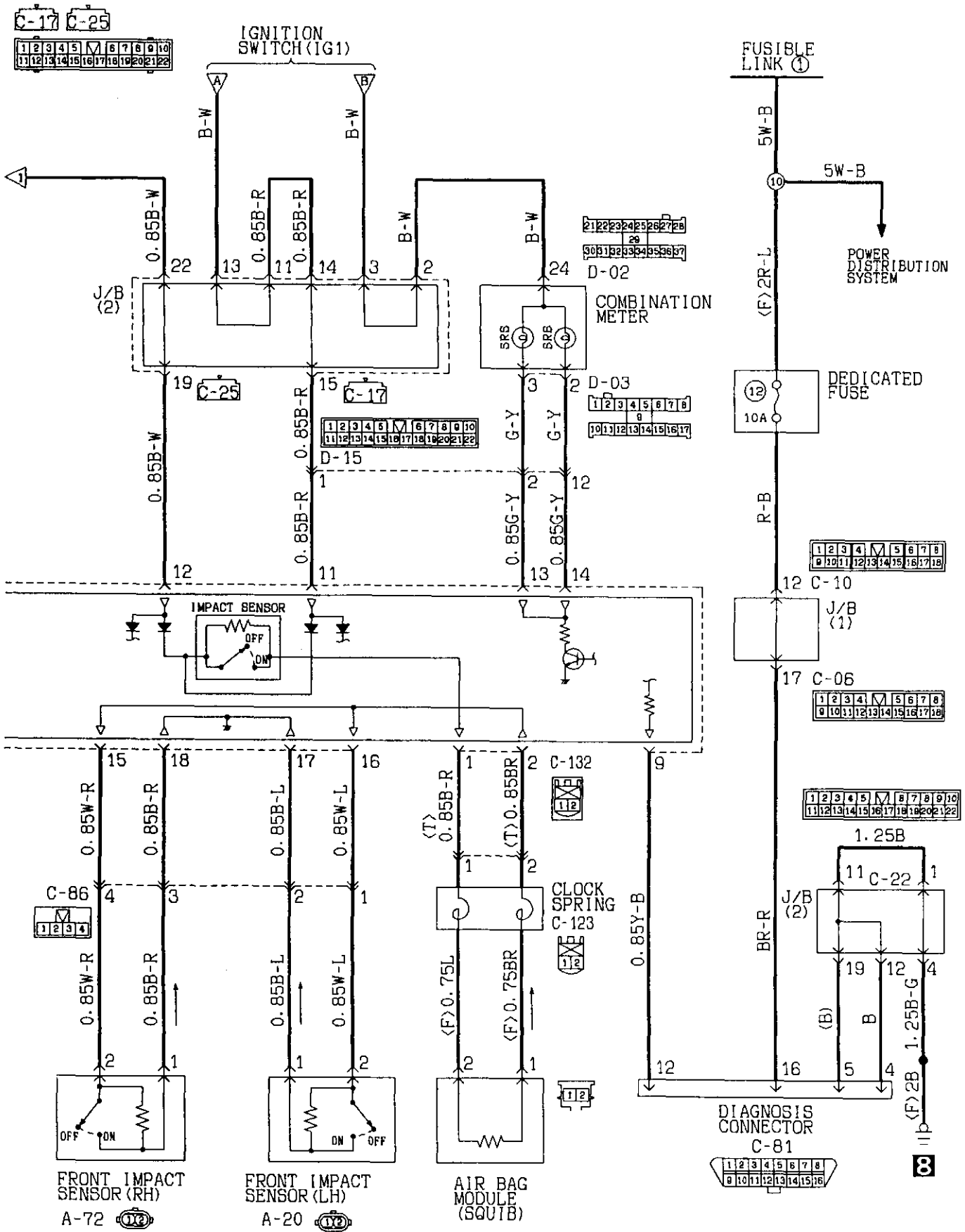
# SUPPLEMENTAL RESTRAINT SYSTEM

Diesel-powered vehicles (R. H. drive vehicles)

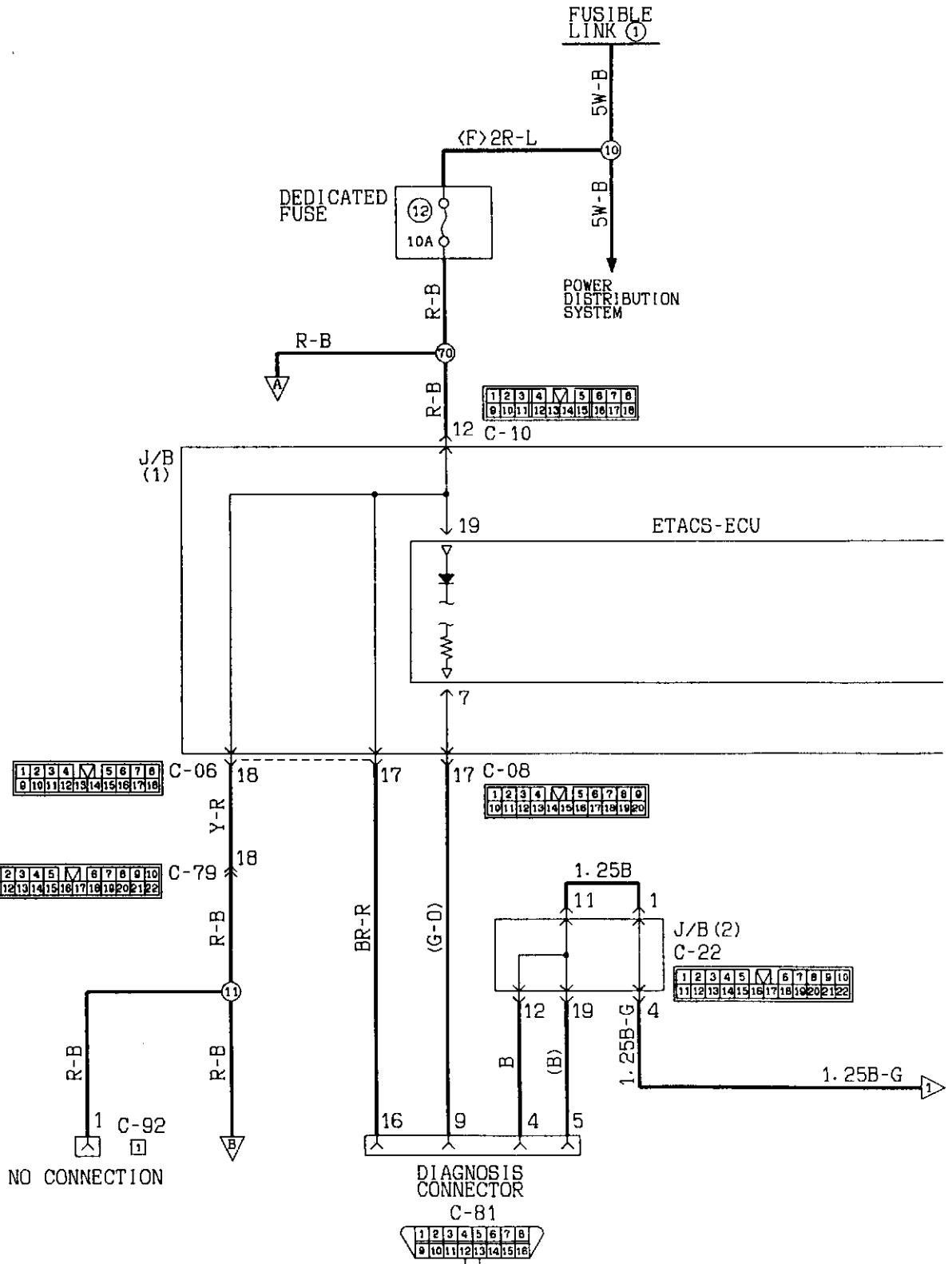


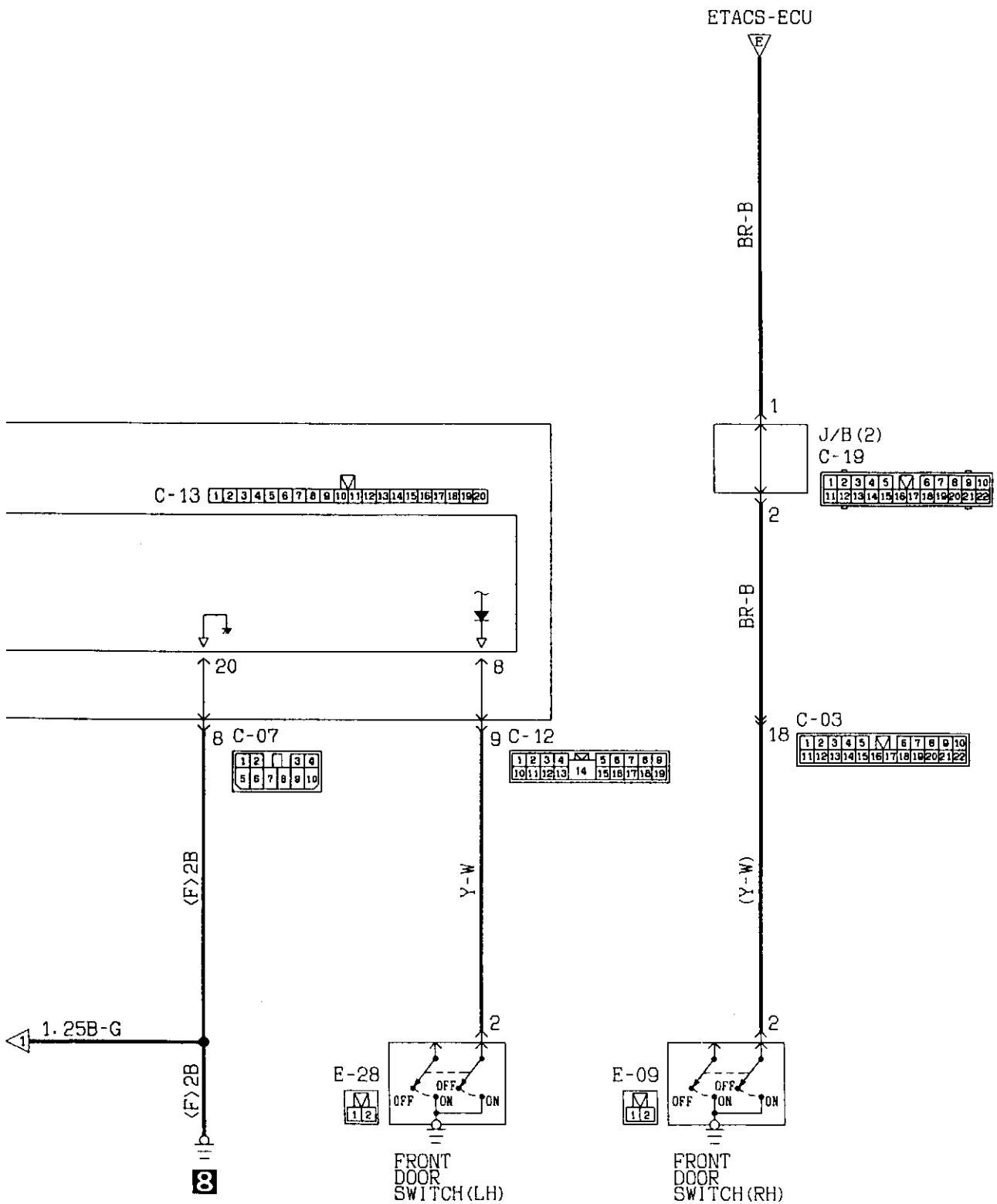
Remarks  
CONNECTOR LOCK SWITCH  
(INCORPORATED IN THE DIAGNOSIS UNIT CONNECTOR)

Wire colour code  
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



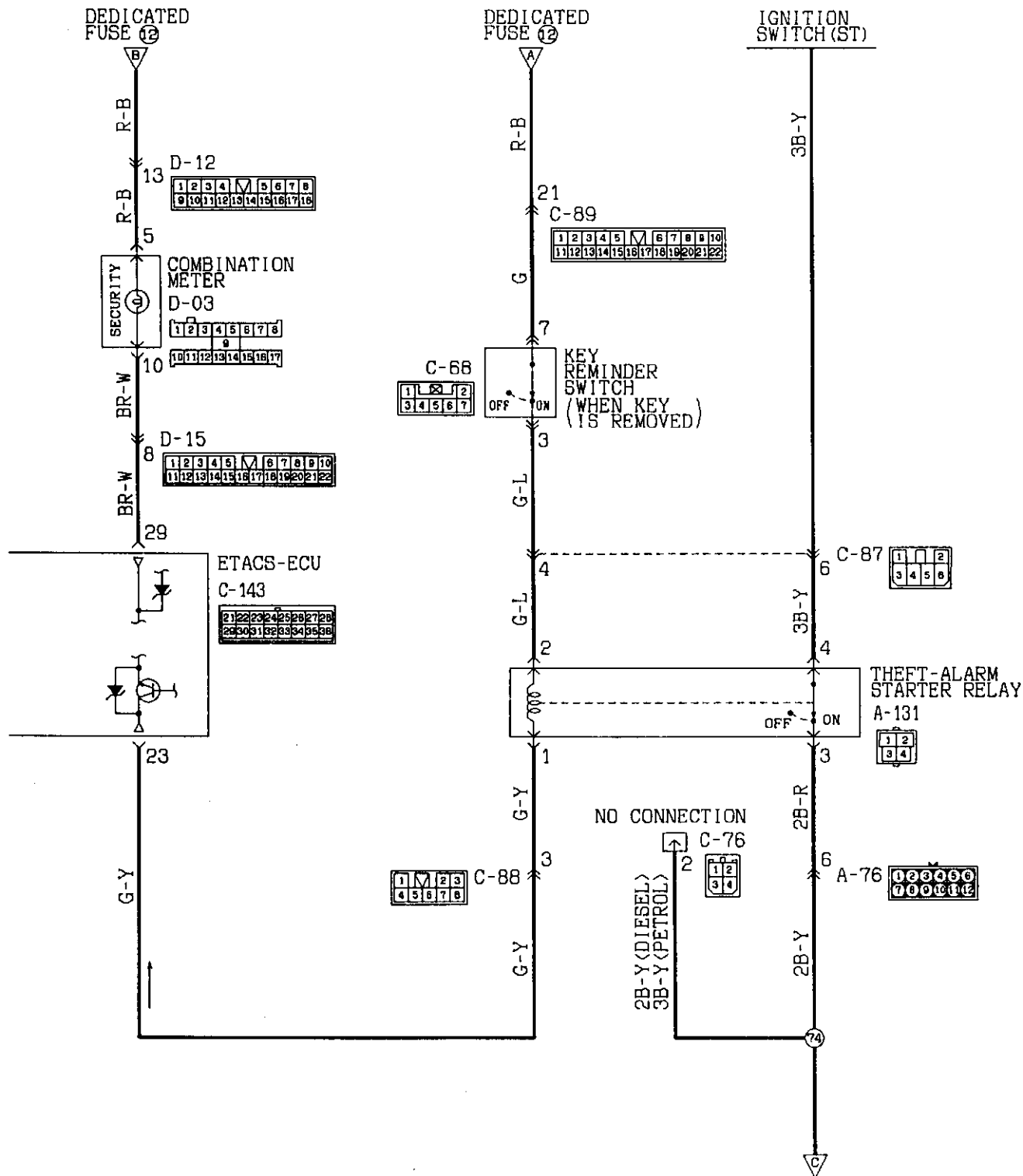
THEFT-ALARM SYSTEM





Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

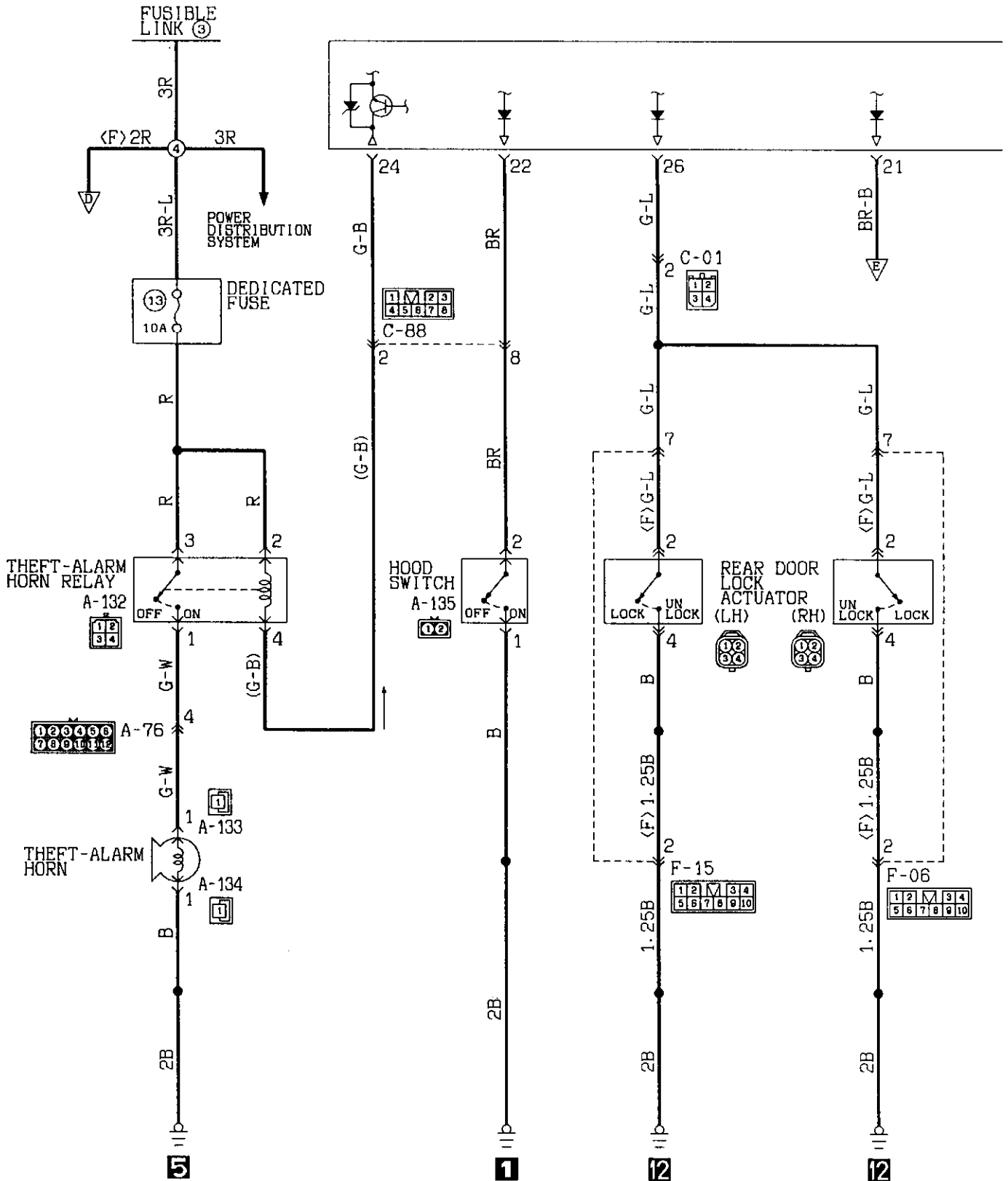




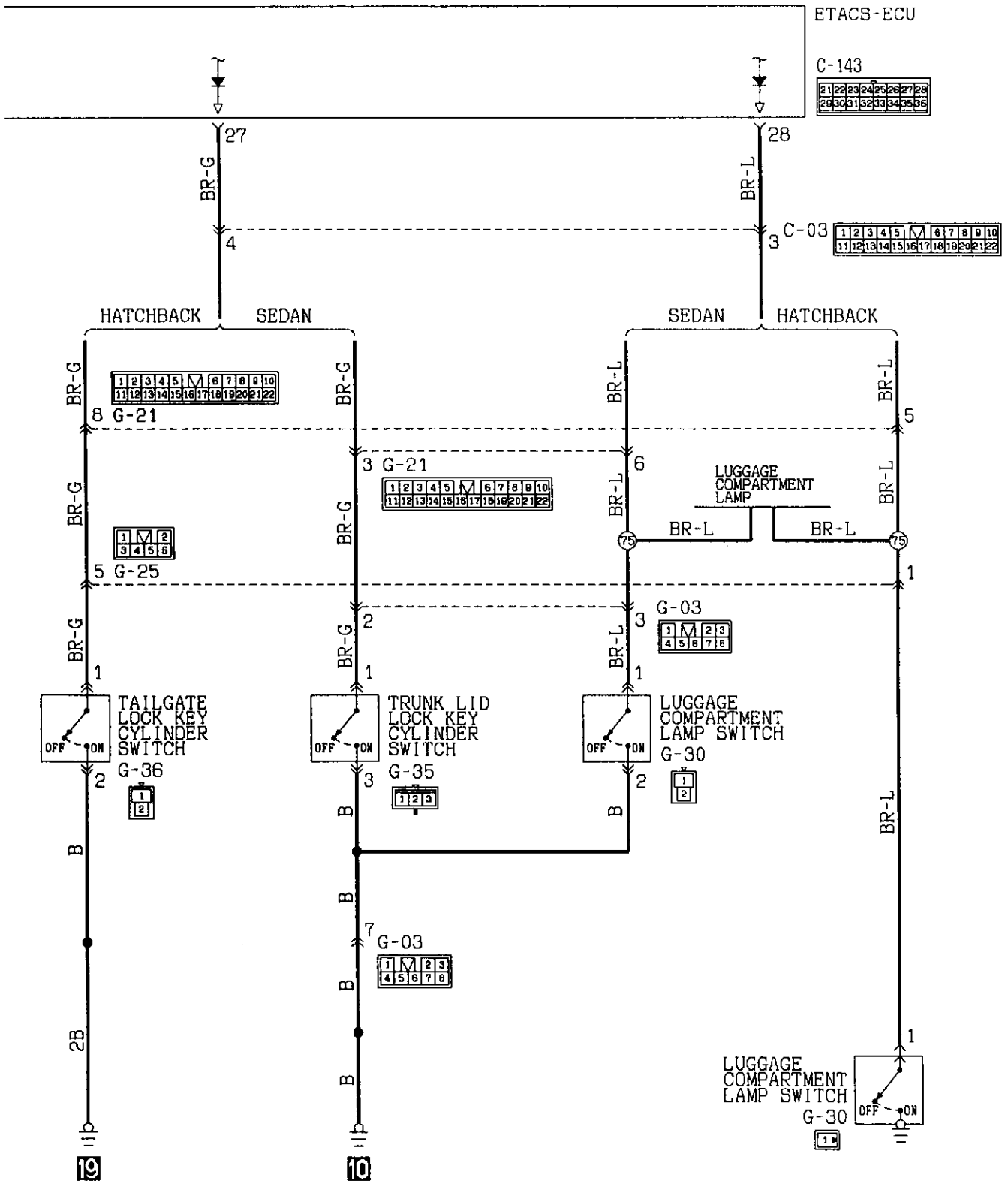
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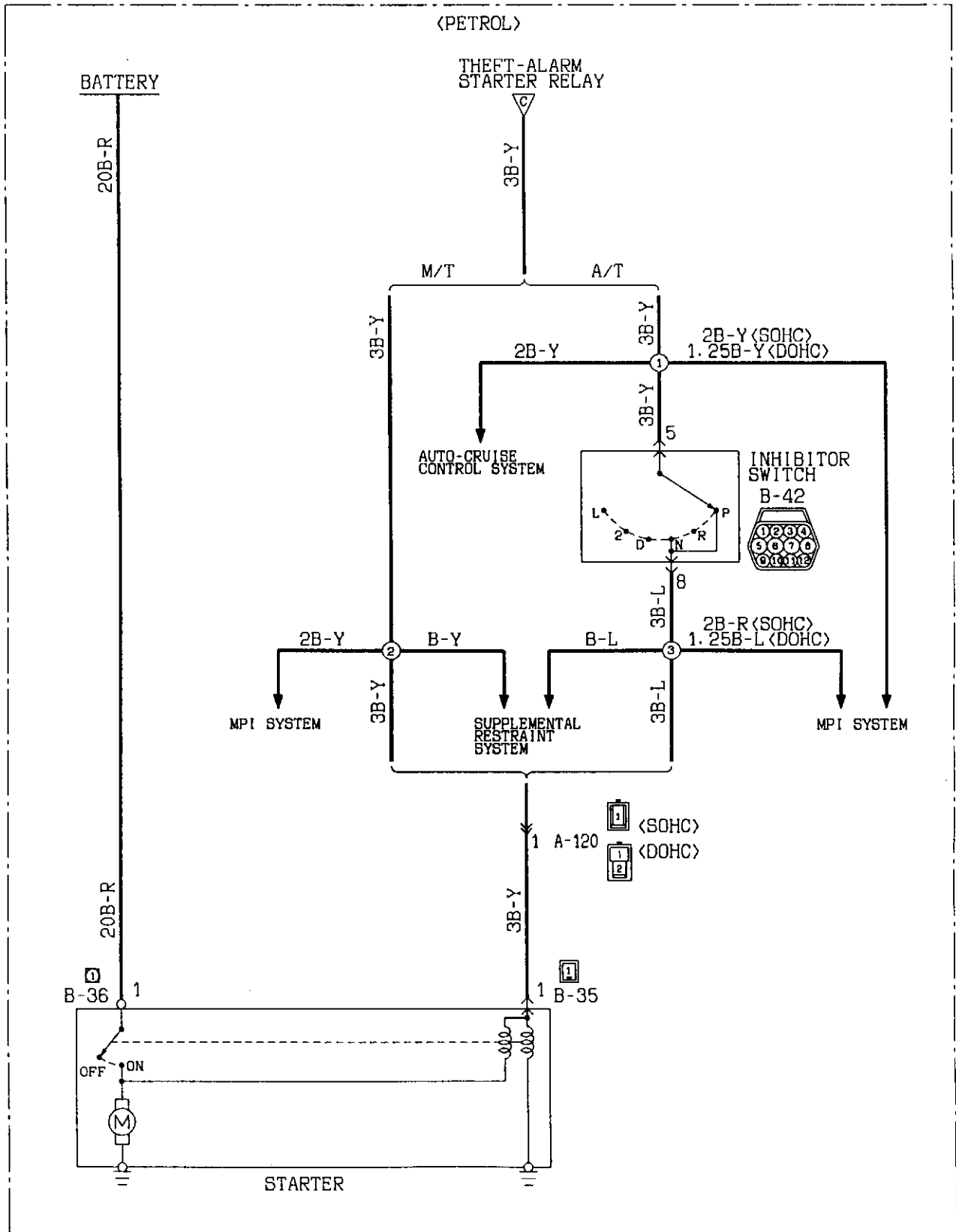
THEFT-ALARM SYSTEM (CONTINUED)

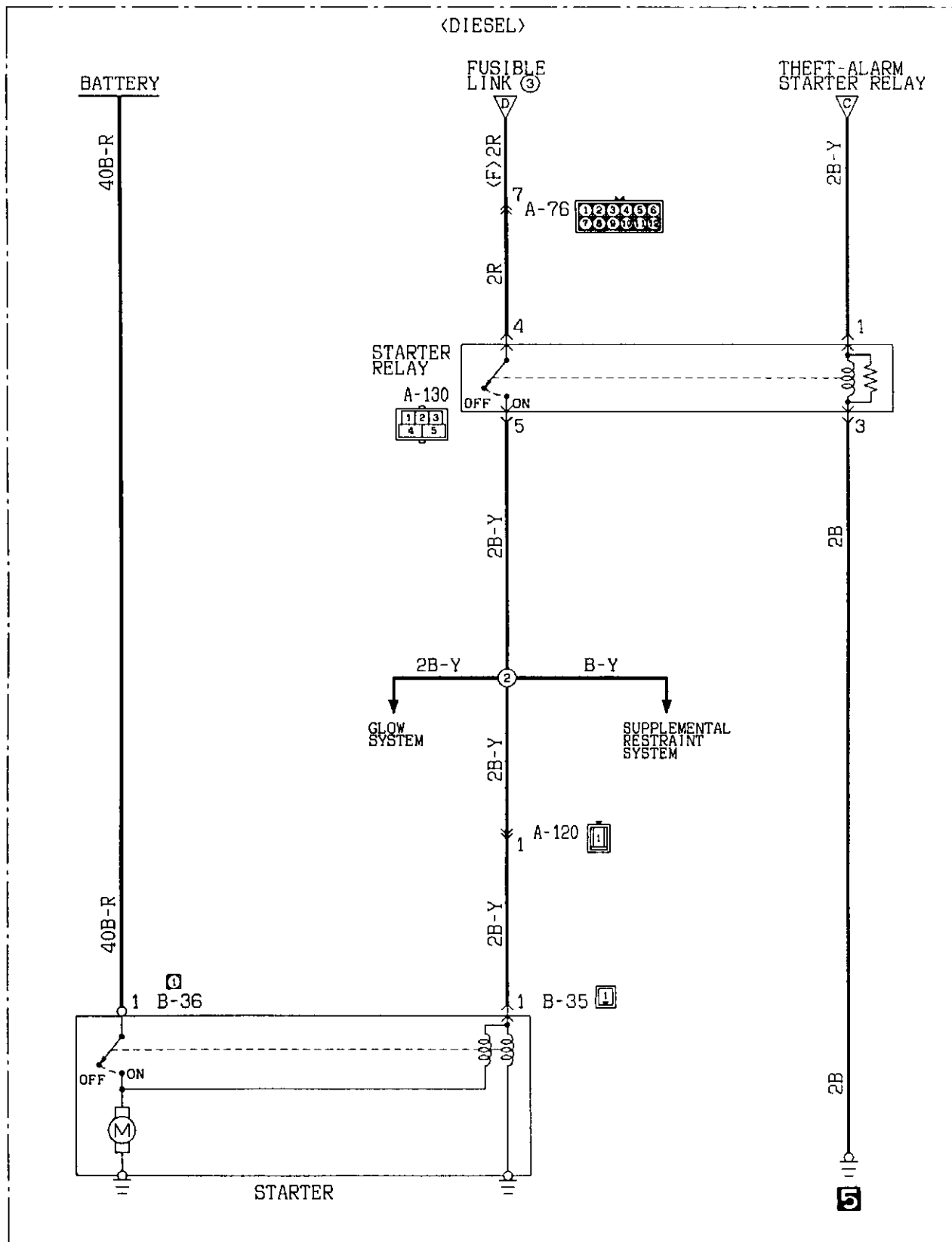


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



THEFT-ALARM SYSTEM (CONTINUED)





Wire colour code  
 B:Black    LG:Light green    G:Green    L:Blue    W:White    Y:Yellow    SB:Sky blue  
 BR:Brown    O:Orange    GR:Gray    R:Red    P:Pink    V:Violet

# MITSUBISHI GALANT GALANT HATCHBACK

## WORKSHOP MANUAL ELECTRICAL WIRING

### FILING INSTRUCTION

Please keep these manual pages in the binder which is keeping the manual PHDE9220.

File these pages according to the signs "ADDED" and "REVISED" on the "List of effective pages" which are interpreted below.

ADDED: File the pages with this sign additionally in your manual.

REVISED: Replace the existing pages with the corresponding pages with this sign.

Missing sheets will be supplied upon request.

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| 230            | A                | Jun. 1993        |                |   |                  |                  |              |
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| 234            | A                | Jun. 1993        |                |   |                  |                  |              |

RJCR312007-578  
RJCR306008-112  
RJCR212008-518

**MITSUBISHI  
GALANT '94  
GALANT '94  
HATCHBACK**

**WORKSHOP MANUAL  
ELECTRICAL WIRING**

**FILING INSTRUCTION**

Please keep these manual pages in the binder  
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# MITSUBISHI GALANT GALANT HATCHBACK

## ELECTRICAL WIRING

### FOREWORD

This Electrical Wiring Manual contains information necessary for inspection and servicing of electrical wiring in the Mitsubishi GALANT and GALANT HATCHBACK edited in the form of wiring harness configuration diagrams and function-separated circuit diagrams.

It is recommended that all service mechanics engaged in the servicing of the vehicle refer to the following publications as well as this manual.

TECHNICAL INFORMATION MANUAL  
PYDE 9203

WORKSHOP MANUAL  
ENGINE GROUP PWEE□□□□  
(Loose-leaf edition)  
CHASSIS GROUP PWDE9211  
(Loose-leaf edition)

BODY REPAIR MANUAL PBDE9210

PARTS CATALOGUE B608F002A□

All information, illustrations and product descriptions contained in this manual are correct as of time of publication. We, however, reserve the right to make changes at any time without prior notice or obligation.

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# HOW TO USE THIS MANUAL

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## PAGE NUMBERS

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## OPERATION AND TROUBLESHOOTING HINTS

In the GROUP 4 circuit diagrams, the operation and troubleshooting hints are given on the previous page or following page for each circuit where necessary.

**MITSUBISHI  
GALANT '93  
GALANT '93  
HATCHBACK**

**WORKSHOP MANUAL  
ELECTRICAL WIRING**

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| Door lock key cylinder switch    | F-05  | 4-156, 158, 162, 165           | 2-64, 65   |                     |
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| E                                | ECS-ECU   | C-60                           | 4-255, 257, 259, 260, 261, 264, 267, 269, 271, 272, 273, 276, 279, 281, 283, 285, 287, 289, 321, 331   | 2-51, 55            |

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|  | ELC-4A/T-ECU                          | C-82              | 4-65, 66, 67, 68, 69, 71, 343, 351  | 2-52, 56                        |
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|  | Engine control relay                  | C-90              | 4-38, 46, 324, 334  | 2-52, 56                        |
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|  |                                       | B-10              | 4-41, 49, 55, 56, 59, 60, 169, 175, 186, 193, 201   | 2-44, 45, 46, 47                |
|  |                                       | B-23              | 4-37, 138   | 2-48                            |
|  |                                       | C-116             | 4-183, 190, 198   | 2-53, 57                        |
|  | Engine coolant temperature switch     | B-22              | 4-36  | 2-48                            |
|  | Engine ECU                            | C-40              | 4-23, 25, 27, 35, 37, 38, 40, 41, 43, 44, 46, 48, 49, 50, 51, 52, 54, 56, 58, 60, 69, 168, 174, 185, 192, 200, 324, 325, 334, 335                                     | 2-51, 55                        |
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| Floor wiring harness and junction block (1) combination              |                                       | C-12              | 4-3, 4, 5, 88, 90, 92, 94, 111, 112, 115, 117, 118, 119, 120, 125, 128, 129, 161, 164, 210, 212, 214, 216, 222, 225, 229, 233, 243, 247, 364, 367, 369, 371, 373, 375 | 2-50, 54                        |
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|   | Front door switch (RH)   | E-09          | 4-111, 114, 117, 118, 119, 120, 164, 263, 275, 367, 371, 375  | 2-60, 61, 62, 63                        |
|   | Front fog lamp (LH)  | A-40          | 4-98, 100   | 2-4, 8, 13, 16, 21, 25, 28, 32, 37, 40  |
|   | Front fog lamp (RH)  | A-57          | 4-98, 100   | 2-5, 9, 13, 17, 21, 25, 29, 33, 37, 41  |
|   | Front fog lamp relay   | A-10X         | 4-12, 98, 100   | 2-4, 8, 12, 16, 20, 24, 28, 32, 36, 40  |
|   | Front fog lamp switch  | C 29          | 4 99, 101   | 2-50, 54                                |
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|   | Front impact sensor (RH)   | A 72          | 4-377, 379  | 2-6, 10, 14, 18, 22, 26, 30, 34, 38, 42 |
|   | Front solenoid valve assembly  | A-22          | 4-256, 268  | 2-20, 24                                |
|   | Front speaker (LH)   | D-14          | 4-239, 241, 244, 248  | 2-58, 59                                |
|   | Front speaker (RH)   | D-08          | 4-239, 241, 244, 248  | 2-58, 59                                |
|   | Front stroke sensor  | A-125         | 4-259, 271, 288   | 2-23, 27, 31, 35                        |
|   | Front turn signal lamp (LH)  | A-34          | 4-124   | 2 4, 8, 12, 16, 20, 24, 28, 32, 36, 40  |
|   | Front turn signal lamp (RH)  | A-66          | 4-124   | 2-5, 9, 13, 17, 21, 25, 29, 33, 37, 41  |
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|   |  | A 68          | 4 256, 257, 259, 262, 269, 271  | 2-22, 26                                |
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|   |  | C-85          | 4-15  | 2-52, 56                                |
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|   | Fuel octane ratio selection connector                   | C-43                                     | 4-42  | 2-51, 55                               |
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|   |   | A-46                                     | 4-74, 76, 80, 82  | 2-5, 9, 13, 17, 21, 25, 29, 33, 37, 41 |
|   | Headlamp (RH)   | A-54                                     | 4-74, 80, 82  | 2-5, 9, 13, 17, 21, 25, 29, 33, 37, 41 |
|   |   | A-61                                     | 4-74, 76, 80, 82  | 2-5, 9, 13, 17, 21, 25, 29, 33, 37, 41 |
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|   | Headlamp relay  | A-12X                                    | 4-12, 18, 74, 80, 82, 102, 106  | 2-4, 8, 12, 16, 20, 24, 28, 32, 36, 40 |
|   | Headlamp washer motor                                   | A-63                                     | 4-219, 220  | 2-5, 9, 13, 17, 21, 25, 29, 33, 37, 41 |
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|  | Horn (RH)  | A-59   | 4-130, 131  | 2-5, 9, 13, 17, 21, 25, 29, 33, 37, 41  |
|  |  | A-60   | 4-130, 131  | 2-5, 9, 13, 17, 21, 25, 29, 33, 37, 41  |
|  | Horn relay   | A-06X  | 4-12, 131   | 2-4, 8, 12, 16, 20, 24, 28, 32, 36, 40  |
|  | Hydraulic unit   | A-82   | 4-303, 308, 312, 316  | 2-6, 10, 14, 18, 22, 26, 30, 34, 38, 42 |
|  |  | A-83   | 4-302, 307, 312, 316  | 2-6, 10, 14, 18, 22, 26, 30, 34, 38, 42 |
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| I  | Idle speed control servo   | B-04   | 4-41, 49  | 2-44, 45, 46, 47                        |
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|  | Injector No. 4   | B-18   | 4-41, 49  | 2-44, 45, 46, 47                        |
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|  | C-18   | 4-6, 7, 28, 29, 30, 31, 32, 35, 70, 111, 122, 133, 137, 142, 222, 223, 225, 226, 228, 231, 232, 235, 258, 270, 280, 286, 302, 307, 328, 338  | 2-50, 54  |   |
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|  | Jumper connector   | C-55   | 4-255, 257, 267, 269, 279, 281, 285, 287, 291, 297, 314, 318, 322, 323, 332, 333  | 2-51, 55                                |
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|   | Licence plate lamp (RH)                | G-29          | 4-89, 91, 93, 95  | 2-67, 69, 71, 73                       |
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|   | Luggage compartment lamp switch        | G-30          | 4-111, 114, 115, 263, 275   | 2-67, 69, 71, 73                       |
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|   | Oil pressure switch or no connection   | B-37          | 4-141   | 2-44, 46, 47                           |
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|   |  | C-137         | 4-44, 48  | 2-53, 57                               |
| P | Parking brake switch                   | E-31          | 4-140   | 2-60, 61, 62, 63                       |
|   | Pedal stroke sensor                    | C-97          | 4-304, 309, 349   | 2-52, 56                               |
|   | Photo sensor                           | D-07          | 4-184, 191, 199   | 2-58, 59                               |
|   | Position lamp (LH)                     | A-39          | 4-88, 90, 92, 94  | 2-4, 8, 13, 16, 21, 24, 28, 32, 37, 40 |
|   | Position lamp (RH)                     | A-58          | 4-88, 90, 92, 94  | 2-5, 9, 13, 17, 21, 25, 29, 33, 37, 41 |
|   | Power seat assembly (LH)               | E-30          | 4-356, 362  | 2-60, 61, 62, 63                       |
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|   | Power steering oil pressure switch     | A-47          | 4-43, 49, 292, 298  | 2-5, 9, 13, 17, 21, 25                 |
|   |  | B-31          | 4-293, 299  | 2-47                                   |
|   | Power transistor                       | B-01          | 4-24, 26, 258, 270  | 2-46, 47                               |
|   |  | B-02          | 4-24, 26  | 2-46, 47                               |
|   |  | C-114         | 4-182, 189, 197   | 2-53, 57                               |
|   | Power window motor (Front: L.H.)       | F-18          | 4-144, 152  | 2-64, 65                               |
|   | Power window motor (Front: R.H.)       | F-04          | 4-146, 150  | 2-64, 65                               |
|   | Power window motor (Rear: L.H.)        | F-14          | 4-148, 154  | 2-64, 65                               |
|   | Power window motor (Rear: R.H.)        | F-09          | 4-147, 153  | 2-64, 65                               |
|   | Power window switch (Driver's side)    | F-19          | 4-144, 150, 160, 163  | 2-64, 65                               |
|   |  | F-20          | 4-144, 150, 160, 163  | 2-64, 65                               |
|   | Power window switch (Passenger's side) | F-03          | 4-146, 152  | 2-64, 65                               |
|   | Power window switch (Rear: L.H.)       | F-13          | 4-148, 154  | 2-64, 65                               |
|   | Power window switch (Rear: R.H.)       | F-07          | 4-147, 153  | 2-64, 65                               |
|   | Pressure switch                        | A-33          | 4-261, 273  | 2-20, 24                               |
|   | Pulse generator                        | A-117         | 4-69  | 2-7, 11, 15, 19, 23, 27                |

|  | Parts name                             | Connector No.  | Circuit diagram page                                   | Wiring diagram page                    |
|--|--|--|--|--|
| P  | Purge control solenoid valve           | A-103  | 4-41, 50   | 2-7, 11, 15, 19, 23, 27, 31, 35        |
| R  | Radiator fan motor                     | A-52   | 4-54, 58, 62, 168, 180, 185, 191                       | 2-5, 9, 13, 17, 21, 25, 37, 41         |
|  |  | A-53   | 4-56, 60, 62, 174, 180, 192, 200                       | 2-13, 29, 33, 37, 41                   |
|  | Radiator fan relay (HI)                | A-04X  | 4-12, 54, 56, 58, 60, 62, 168, 174, 180, 185, 192, 200 | 2-4, 8, 12, 16, 20, 24, 28, 32, 36, 40 |
|  | Radiator fan relay (LO)                | A-03X  | 4-12, 54, 56, 58, 60, 62, 168, 174, 180, 185, 192, 200 | 2-4, 8, 12, 16, 20, 24, 28, 32, 36, 40 |
|  | Radiator fan relay (LO 2)              | A-08X  | 4-12, 62, 180  | 2-4, 8, 12, 16, 20, 24, 28, 32, 36, 40 |
|  | Radio                                  | C-127  | 4-238, 239, 240, 241, 242, 244, 246, 248               | 2-53, 57                               |
|  |  | C-128  | 4-239, 241, 244, 248                                   | 2-53, 57                               |
|  | Rear combination lamp (LH)             | G 16   | 4-89, 91, 93, 95, 125, 127                             | 2-66, 68, 70, 72                       |
|  | Rear combination lamp (RH)             | G-14   | 4-89, 91, 93, 95, 125, 127                             | 2-66, 68, 70, 72                       |
|  | Rear door switch (LH)                  | E-20   | 4-111, 114, 263, 275                                   | 2-60, 61, 62, 63                       |
|  | Rear door switch (RH)                  | E-12   | 4 111, 114, 263, 275                                   | 2-60, 61, 62, 63                       |
|  | Rear fog lamp (LH)                     | G-33   | 4-105, 108   | 2 71, 73                               |
|  | Rear fog lamp (RH)                     | G-27   | 4-105, 108   | 2-71, 73                               |
|  | Rear fog lamp relay                    | C-75   | 4-102, 106   | 2-52, 56                               |
|  | Rear fog lamp switch                   | C-30   | 4-30, 103, 107   | 2-50, 54                               |
|  | Rear intermittent wiper relay          | G-08   | 4-210, 212, 214, 216                                   | 2-66, 68, 70, 72                       |
|  | Rear lid lamp (LH)                     | G-34   | 4-89, 91, 105, 108, 128, 129                           | 2-67, 69                               |
|  | Rear lid lamp (RH)                     | G-26   | 4-89, 91, 105, 108, 128, 129                           | 2-67, 69                               |
|  | Rear solenoid valve assembly           | G-15   | 4-260, 261, 272, 273                                   | 2-66, 68, 70, 72                       |
|  | Rear speaker (LH)                      | G-04   | 4-239, 241, 244, 248                                   | 2 66, 68, 70, 72                       |
|  | Rear speaker (RH)                      | G-11   | 4-239, 241, 244, 248                                   | 2-66, 68, 70, 72                       |
|  | Rear stroke sensor                     | E-17   | 4-259, 271   | 2-60, 61, 62, 63                       |
|  | Rear washer motor                      | G-18   | 4-211, 213, 215, 217                                   | 2-67, 69, 71, 73                       |
|  | Rear wheel control valve assembly (LH) | A-19   | 4-293, 299   | 2-20, 24, 28, 32                       |
|  | Rear wheel control valve assembly (RH) | A-18   | 4-293, 299   | 2 20, 24, 28, 32                       |
|  | Rear wiper and washer switch           | C-36   | 4-211, 213, 215, 217                                   | 2-50, 54                               |
|  | Rear wiper motor                       | G-05   | 4-210, 212, 214, 216                                   | 2-66, 68, 70, 72                       |
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|  | Reserve tank                           | A-32   | 4-262, 274   | 2-20, 24                               |
|  | Resistor                               | A-129  | 4-83   | 2-11, 19, 27, 35, 43                   |
|  |  | C 105  | 4-166, 172, 178  | 2-53, 56                               |
|  | Return pump relay                      | A-123  | 4-262, 274   | 2-23, 27                               |
|  | Revolution pick up                     | B-25   | 4-37, 138  | 2-48                                   |
| Rheostat   | C-28                                   | 4-70, 99, 101, 103, 107, 123, 133, 137, 170, 176, 179, 187, 194, 202, 211, 213, 215, 217, 223, 226, 231, 235, 239, 241, 244, 248, 251, 258, 270, 280, 286, 328, 338, 343, 351, 365 | 2-50, 54   |  |
| Roof wiring harness and junction block (1) combination | C-09                                   | 4-3, 4, 5, 110, 111, 112, 366  | 2-50, 54   |  |
| Room lamp <Vehicles without sunroof>                   | E-07                                   | 4-110, 113   | 2-60, 61, 62, 63                                       |  |
| S  | Shock absorber (Front: LH)             | A-126  | 4-34, 260, 272, 283, 289                               | 2-23, 27, 31, 35                       |
|  | Shock absorber (Front: RH)             | A-79   | 4-261, 273, 283, 289                                   | 2-22, 26, 30, 34                       |
|  | Shock absorber (Rear: LH)              | G-01   | 4-260, 261, 272, 273, 282, 283, 288, 289               | 2-66, 68, 70, 72                       |
|  | Shock absorber (Rear: RH)              | G 12   | 4-260, 261, 272, 273, 282, 283, 288, 289               | 2-66, 68, 70, 72                       |
|  | Side turn signal lamp (LH)             | A 14   | 4-124  | 2-4, 8, 12, 16, 20, 24, 28, 32, 36, 40 |
|  | Side turn signal lamp (RH)             | A-13   | 4-124  | 2-4, 8, 12, 16, 20, 24, 28, 32, 36, 40 |
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|  | Spare connector                        | E-14   |  | 2-60, 61, 62, 63                       |
|  | Speed sensor (Front: LH)               | A-15   | 4 294, 300, 304, 309, 315, 319, 327, 337               | 2-4, 8, 12, 16, 20, 24, 28, 32, 36, 40 |

|   | Parts name   | Connector No.   | Circuit diagram page  | Wiring diagram page   |  |
|---|--|-----------------|---|---|--|
| S   | Speed sensor (Front: RH)   | A-127           | 4-304, 309, 315, 319, 327, 337  | 2-7, 11, 15, 19, 23, 27, 31, 35, 39, 43   |  |
|   | Speed sensor (Rear: LH)  | E-19            | 4-304, 309, 315, 319, 327, 337  | 2-60, 61, 62, 63  |  |
|   | Speed sensor (Rear: RH)  | E-16            | 4-304, 309, 315, 319, 327, 337  | 2-60, 61, 62, 63  |  |
|   | Spot lamp  | E-04            | 4-110, 113  | 2-60, 61, 62, 63  |  |
|   | SRS diagnosis unit   | C-131           | 4-376, 378  | 2-53, 57  |  |
|   |  | C-132           | 4-377, 379  | 2-53, 57  |  |
|   | Starter  | B-35            | 4-20, 21, 341, 349  | 2-44, 45, 46, 47, 48  |  |
|   |  | B-36            | 4-20, 21, 341, 349  | 2-44, 45, 46, 47, 48  |  |
|   | Starter relay  | A-130           | 4-21, 34, 378   | 2-39, 43  |  |
|   | Stop lamp switch (2-pin) or no connection<br>(Auto-cruise control) | C-95            | 4-52, 68, 126, 254, 266, 278, 284, 305, 310, 314, 321, 331, 342, 350  | 2-52, 56  |  |
|   | Stop lamp switch (4-pin) (Auto cruise control) or no connection    | C-96            | 4-52, 68, 126, 254, 266, 278, 284, 305, 310, 314, 318, 321, 331, 342, 350   | 2-52, 56  |  |
|   | Sub fuel gauge unit (4WD)  | E-15            | 4-134, 141  | 2-60, 61, 62, 63  |  |
|   | Sunroof ECU  | E-08            | 4-367   | 2-60, 61, 62, 63  |  |
|   | Sunroof motor  | E-03            | 4-367   | 2-60, 61, 62, 63  |  |
|   | Sunroof switch and room lamp<br>(Vehicles with sunroof)            | E-05            | 4-110, 113, 366   | 2-60, 61, 62, 63  |  |
|   | T  | Tail lamp relay | A-11X   | 4-12, 18, 77, 88, 90, 92, 94, 98, 100, 102, 106, 368, 370, 372, 374                                     | 2-4, 8, 12, 16, 20, 24, 28, 32, 36, 40 |
|   |  | TCL-ECU         | C-58  | 4-66, 67, 259, 292, 298, 306, 311, 320, 321, 322, 323, 325, 327, 328, 330, 331, 332, 333, 335, 337, 338 | 2-51, 55                               |
|   |  | C-59            | 4-72, 306, 311, 320, 321, 322, 325, 326, 327, 330, 331, 332, 335, 336, 337, 355   | 2-51, 55  |  |
| TCL-switch  |  | C-38            | 4-328, 338  | 2-50, 55  |  |
| TCL valve   |  | A-104           | 4-306, 311, 326, 336  | 2-23, 27  |  |
| Throttle position sensor  |  | B-07            | 4-40, 48, 72, 253, 264, 276, 281, 287, 325, 335, 346, 354, 355  | 2-44, 45, 46, 47  |  |
| Triple pressure switch  |  | A-62            | 4-63, 170, 176, 181, 188, 195, 203, 204   | 2-5, 9, 13, 17, 21, 25, 29, 33, 37, 41  |  |
| Trunk room wiring harness and ECS sub wiring harness combination  |  | G-13            | 4-260, 261, 272, 273  | 2-66, 68, 70, 72  |  |
| Trunk room wiring harness and floor wiring harness combination    |  | G-19            | 4-224, 227, 230, 234  | 2-67, 69, 71, 73  |  |
|   |  | G-20            | 4-210, 212, 216, 260, 261, 272, 273, 282, 283, 288, 289   | 2-67, 69, 71, 73  |  |
|   |  | G-21            | 4-89, 91, 93, 95, 105, 108, 114, 115, 125, 126, 128, 129, 210, 211, 212, 213, 214, 215, 216, 217, 239, 241, 243, 244, 247, 248, 275 | 2-67, 69, 71, 73  |  |
| Trunk room wiring harness and rear lid wiring harness combination |  | G-03            | 4-89, 91, 105, 108, 115, 127, 128, 129  | 2-66, 68  |  |
| Trunk room wiring harness and tailgate wiring harness combination |  | G-23            | 4-214, 216  | 2-71, 73  |  |
|   |  | G-24            | 4-214, 216  | 2-71, 73  |  |
|   |  | G-25            | 4-93, 95, 105, 108, 111, 114, 115, 127, 128, 129, 263, 275  | 2-71, 73  |  |
| Turn-signal and hazard flasher unit                               |  | C-100           | 4-122   | 2-52, 56  |  |
| V   | Vacuum pump  | A-80            | 4-342, 350  | 2-14, 18, 22, 26, 30, 34  |  |
|   | Vacuum solenoid valve  | A-91            | 4-324, 334  | 2-22, 26  |  |
|   | Vacuum switch  | A-109           | 4-140   | 2-39, 43  |  |
|   | Valve relay  | A-86            | 4-303, 308, 326, 336  | 2-6, 10, 14, 18, 22, 26, 38, 42   |  |
|   | Variable induction control servo                                   | B-27            | 4-51  | 2-46, 47  |  |
|   |  | B-28            | 4-51  | 2-46, 47  |  |
|   | Vehicle speed sensor   | B-40            | 4-66, 135, 139, 252, 255, 267, 279, 285, 293, 299, 344, 352   | 2-44, 45, 46, 47, 48  |  |
|   | Ventilation solenoid valve   | A-90            | 4-324, 334  | 2-22, 26  |  |

|   | Parts name  | Connector No. | Circuit diagram page | Wiring diagram page                     |
|---|---|---------------|----------------------|---|
| W | Washer fluid level sensor and windshield washer motor | A-64          | 4-209, 219, 220      | 2-5, 9, 13, 17, 21, 25, 29, 33, 37, 41  |
|   | Water level switch                                    | A-113         | 4-140                | 2-39, 43                                |
|   | Windshield washer motor or no connection              | A-35          | 4-209                | 2-4, 8, 12, 16, 20, 24, 28, 32, 36, 40  |
|   | Windshield wiper motor                                | A-81          | 4-208                | 2-6, 10, 14, 18, 22, 26, 30, 34, 38, 42 |

# 1 HOW TO READ THE WIRING DIAGRAMS

|  |             |
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## MODELS

## Sedan

| Model code |            | Engine model                  | Transmission model  | Fuel supply system |                     |
|------------|------------|-------------------------------|---|--------------------|---------------------|
| E52A       | SNJEQL6/R6 | 4G93 (1,834 cm <sup>3</sup> ) | F5M22 (2WD-5M/T)  | MPI                |                     |
|            | SNHEQL6/R6 |                               | F4A22 (2WD-4A/T)  |                    |                     |
|            | SRHEQL6/R6 |                               |   |                    |                     |
| E55A       | SNJEQL6/R6 | 4G63 (1,997 cm <sup>3</sup> ) | F5M22 (2WD-5M/T)  |                    |                     |
|            | SNHEQL6/R6 |                               | F4A22 (2WD-4A/T)  |                    |                     |
|            | SRHEQL6/R6 |                               |   |                    |                     |
| E54A       | SNGMQL6/R6 | 6A12 (1,999 cm <sup>3</sup> ) | F5M31 (2WD-5M/T)  |                    |                     |
|            | SRGMQL6/R6 |                               | F4A23 (2WD-4A/T)  |                    |                     |
| E64A       | SNGMQL6/R6 |                               | F5M31 (2WD-5M/T)  |                    |                     |
|            | SRGMQL6/R6 |                               | F4A23 (2WD-4A/T)  |                    |                     |
| E57A       | SNJFL6/R6  |                               | 4D68 (1,998 cm <sup>3</sup> )<br>with intercooler and<br>turbocharger | F5M31 (2WD-5M/T)   | Fuel injection pump |
|            | SNJFQL6    |                               |   |                    |                     |
|            | SNHFL6/R6  |                               |   |                    |                     |
|            | SNHFQL6    |                               |   |                    |                     |
| E75A       | SNHEQL6/R6 | 4G63 (1,997 cm <sup>3</sup> ) | W5M31 (4WD-5M/T)  | MPI                |                     |
| E88A       | SNGMQL6/R6 | 6G73 (2,497 cm <sup>3</sup> ) | W5M33 (4WD-5M/T)  |                    |                     |
| E52A       | SRHEQL6B   | 4G93 (1,834 cm <sup>3</sup> ) | F4A22 (2WD-4A/T)  |                    |                     |
| E55A       | SRHEQL6B   | 4G63 (1,997 cm <sup>3</sup> ) |   |                    |                     |

## Hatchback

| Model code |            | Engine model                  | Transmission model  | Fuel supply system |                     |
|------------|------------|-------------------------------|---|--------------------|---------------------|
| E52A       | LNJEQL6/R6 | 4G93 (1,834 cm <sup>3</sup> ) | F5M22 (2WD-5M/T)  | MPI                |                     |
|            | LNHEQL6/R6 |                               | F4A22 (2WD-4A/T)  |                    |                     |
|            | LRHEQL6/R6 |                               |   |                    |                     |
| E55A       | LNJEQL6/R6 | 4G63 (1,997 cm <sup>3</sup> ) | F5M22 (2WD-5M/T)  |                    |                     |
|            | LNHEQL6/R6 |                               | F4A22 (2WD-4A/T)  |                    |                     |
|            | LRHEQL6/R6 |                               |   |                    |                     |
| E54A       | LNGMQL6/R6 | 6A12 (1,999 cm <sup>3</sup> ) | F5M31 (2WD-5M/T)  |                    |                     |
|            | LRGMQL6/R6 |                               | F4A23 (2WD-4A/T)  |                    |                     |
| E64A       | LNGMQL6/R6 |                               | F5M31 (2WD-5M/T)  |                    |                     |
|            | LRGMQL6/R6 |                               | F4A23 (2WD-4A/T)  |                    |                     |
| E57A       | LNJFL6/R6  |                               | 4D68 (1,998 cm <sup>3</sup> )<br>with intercooler and<br>turbocharger | F5M31 (2WD-5M/T)   | Fuel injection pump |
|            | LNJFQL6    |                               |   |                    |                     |
|            | LNHFL6/R6  |                               |   |                    |                     |
|            | LNHFQL6    |                               |   |                    |                     |
| E75A       | LNHEQL6/R6 | 4G63 (1,997 cm <sup>3</sup> ) | W5M31 (4WD-5M/T)  | MPI                |                     |
| E88A       | LNGMQL6/R6 | 6G73 (2,497 cm <sup>3</sup> ) | W5M33 (4WD-5M/T)  |                    |                     |

## COMPOSITION AND CONTENTS OF WIRING DIAGRAMS

- (1) This manual consists of wiring harness diagrams, installation locations of individual parts, circuit diagrams and the index.
- (2) In each of the sections, all specifications are listed, including optional specifications. Accordingly, some specifications may not be applicable for individual vehicles.

| Section                               | Basic contents   |
|---------------------------------------|--|
| Wiring harness configuration diagrams | Connector locations and harness wiring configurations on actual vehicles are illustrated.  |
| Single part installation position     | Locations are shown for earth points of relays, control units, sensors, diodes, check terminals, spare terminals, fusible links, fuses, etc.<br>In the parts lists, parts are listed in alphabetical order.  |
| Circuit diagrams                      | <p>Circuits from power supply to earth are shown completely, classified according to system. There is a main division into power circuits, and circuits classified by system. The circuits classified by system also include operation and troubleshooting hints.</p> <ul style="list-style-type: none"> <li>▪ Junction block<br/>Here is the circuit for the entire junction block or jumper connector since only the part of the junction block or jumper connector needed is normally show in each circuit diagram.</li> <li>▪ Power supply circuits<br/>Circuits from the battery to fusible link, dedicated fuses, ignition switch, general purpose fuses, etc.</li> <li>▪ Circuits classified by system<br/>For each system, the circuits are shown from fuse to earth, excluding the power supply sections.</li> <li>▪ Operation<br/>The normal operation of each system is briefly described, following the route of current flow.</li> <li>▪ Troubleshooting hints<br/>This is a brief explanation of the inspection points that serve as hints when troubleshooting. Explanations of the circuits controlled by the electronic control unit are omitted. Refer to the related publications as required.</li> </ul> |
| Index                                 | All components used are listed by connector number and component name.   |

**NOTES**



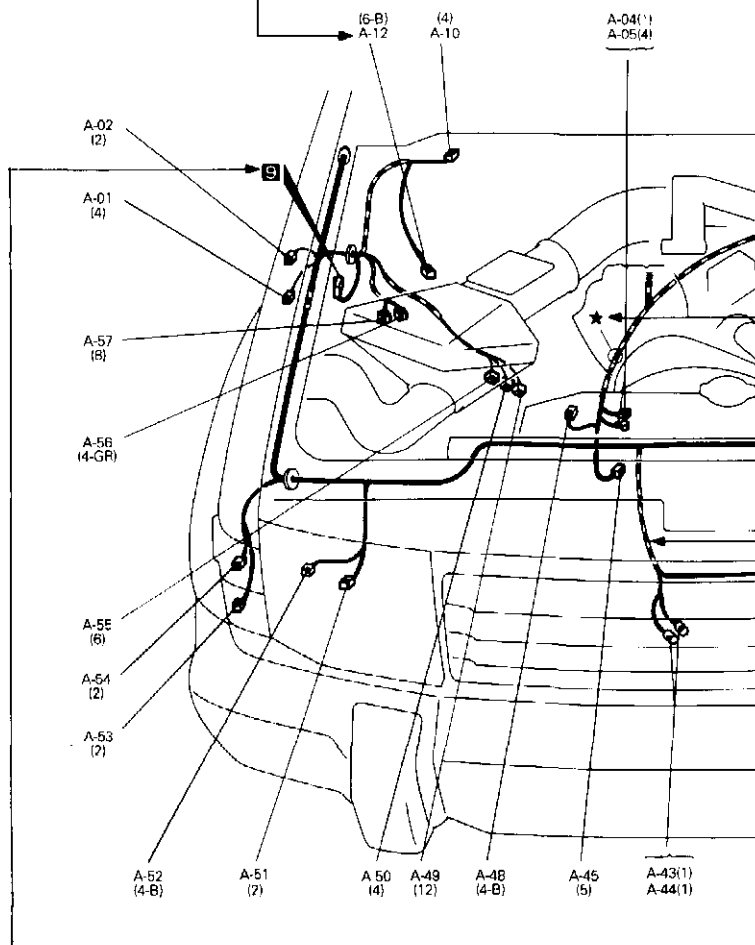
# HOW TO READ CONFIGURATION DIAGRAMS

The wiring harness diagrams clearly show the connector locations and harness routings at each site in actual vehicles.

Denotes connector No.  
 The same connector No. is used throughout the circuit diagrams to facilitate connector location searches.  
 The first alphabetical symbol indicates the location site of the connector and a number that follows is the unique number. Numbers are assigned to parts in clockwise order on the diagram.  
 Furthermore, to make searching easier, number of connector pins and connector colours (except in the case of milky white) are listed.

Example: (6-B) — Number of connector pins and connector colour  
 A-12 (Connectors with no colour listed are milky white.)  
 — Number specific to connector (serial number)  
 — Connector location site symbol  
 A : Engine compartment  
 B : Engine and transmission  
 C : Dash panel  
 D : Instrument panel  
 E : Floor, roof  
 F : Door  
 G : Luggage compartment

The mark ★ shows the standard mounting position of wiring harness.

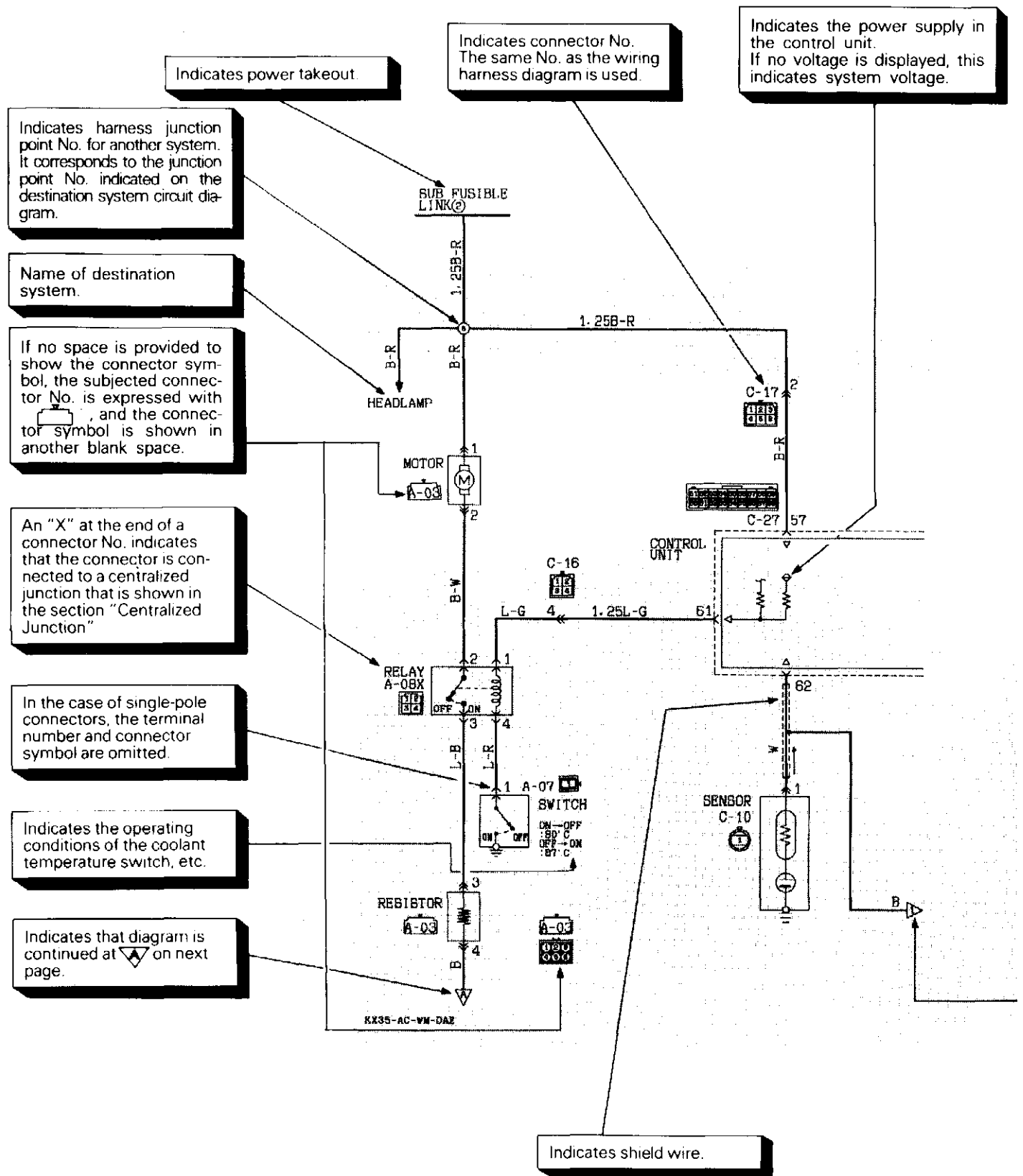


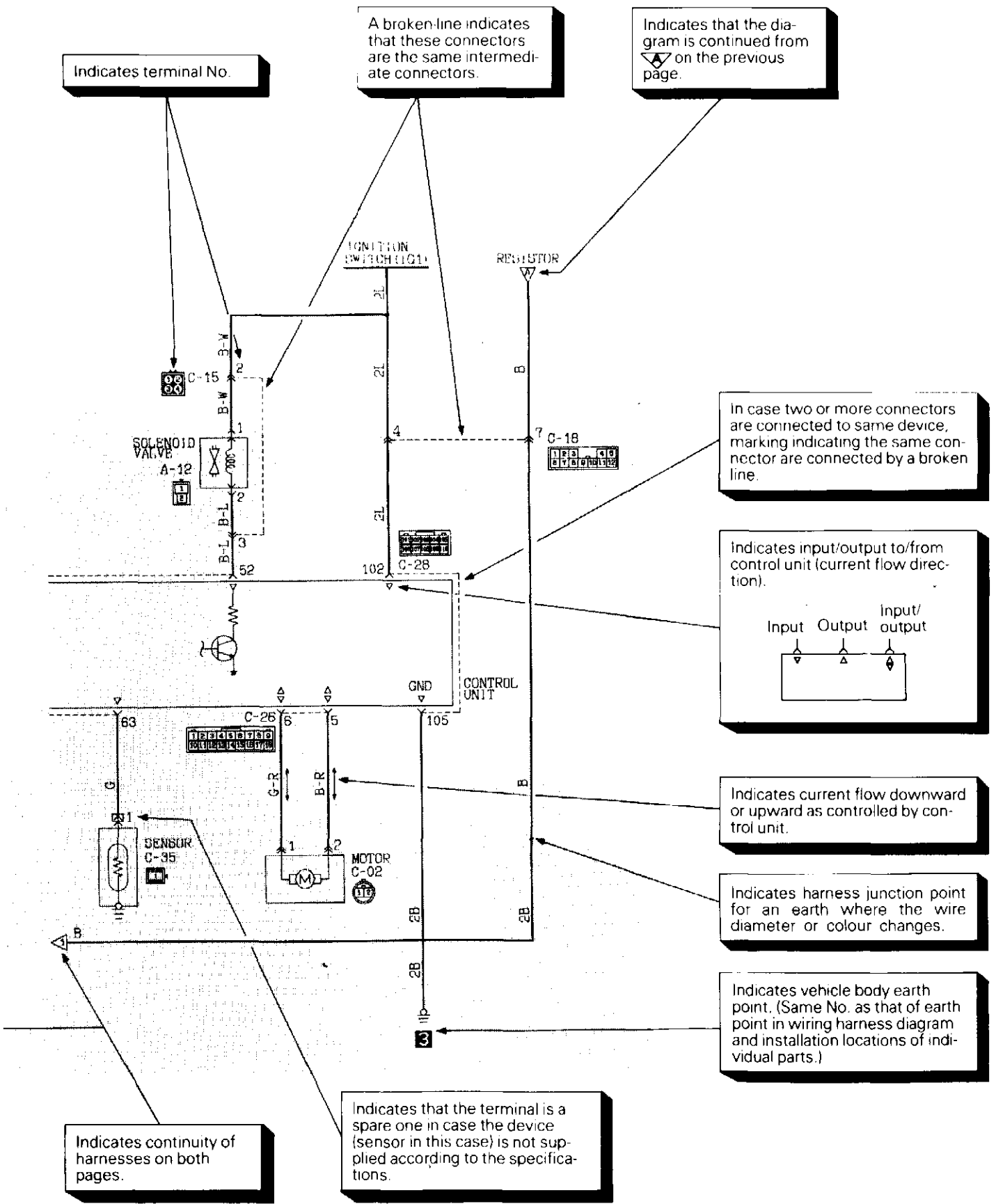
Denotes earth point.  
 Same earth number is used throughout circuit diagrams to facilitate search of earth point. Refer to GROUP 3 SINGLE PART INSTALLATION POSITION-EARTH MOUNTING LOCATIONS for details of earth points.

Denotes a section covered by a corrugated tube.

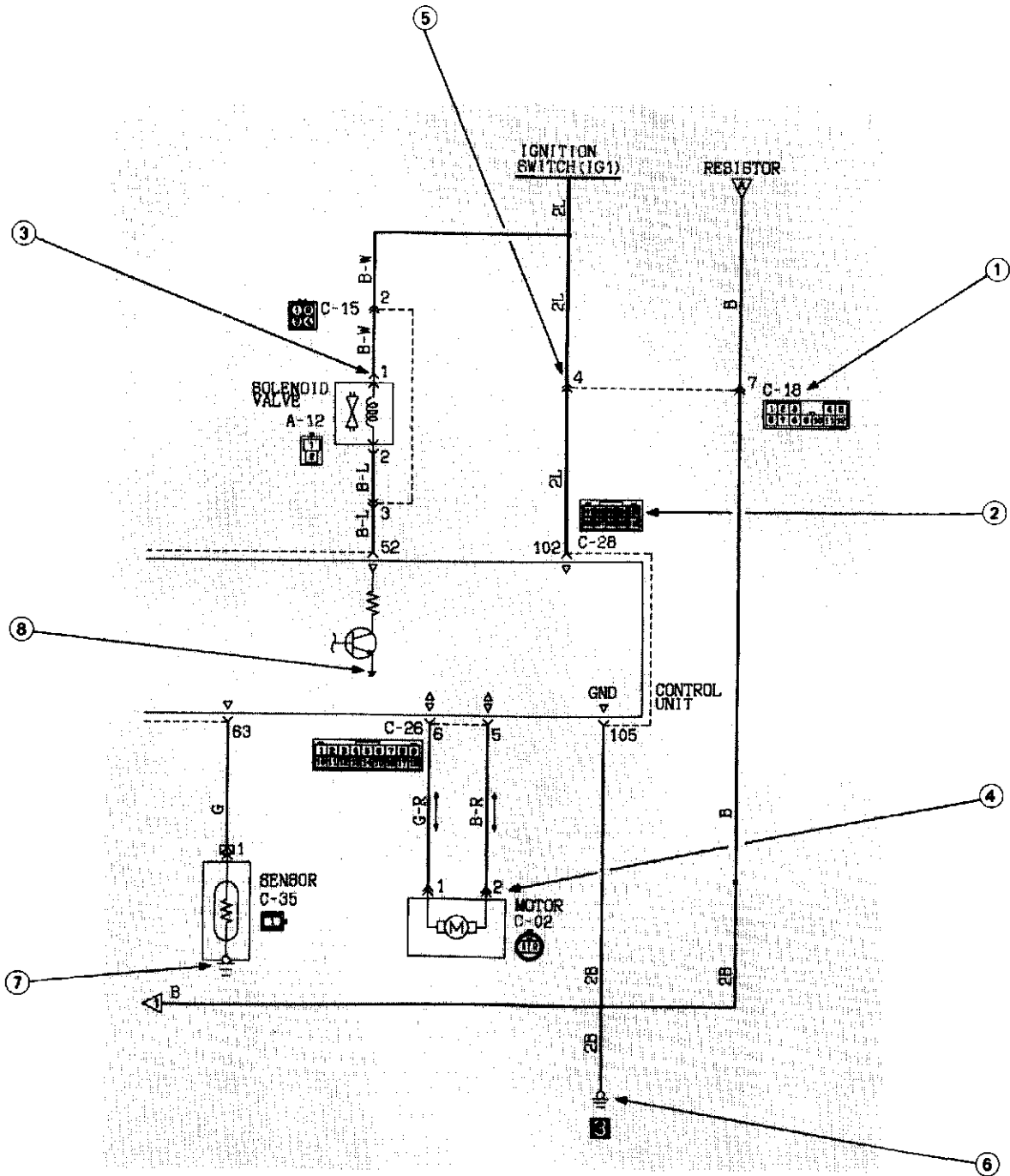
## HOW TO READ CIRCUIT DIAGRAMS



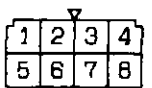

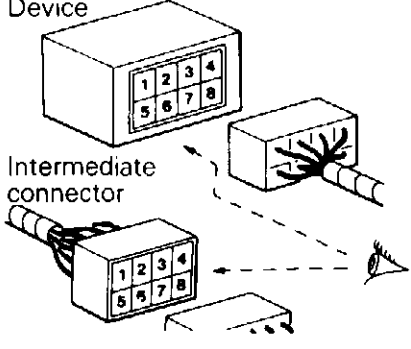
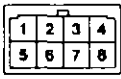
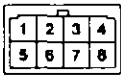
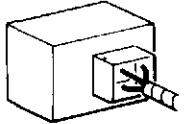
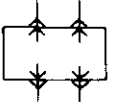
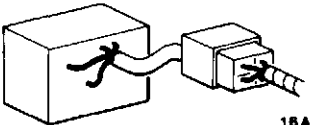
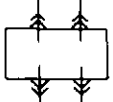
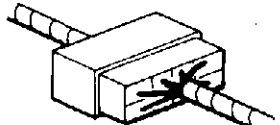

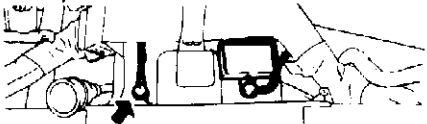

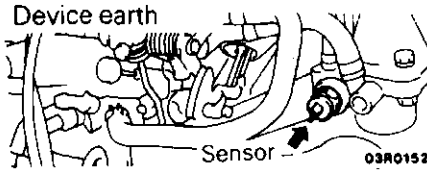
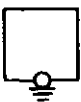
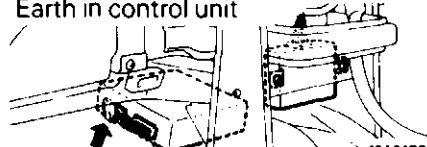

The circuit of each system from fuse (or fusible link) to earth is shown. The power supply is shown at the top and the earth at the bottom to facilitate understanding of the current flow.





# MARKINGS FOR CONNECTOR EARTHING



|                              | No | Item  | Symbol  | Contents   |
|------------------------------|----|---|---|--|
| Connector marking            | ①  | Male<br>   |    | Double connector contour lines indicate male connector terminals and single contour line indicates female terminals as illustrated here.   |
|                              | —  | Female<br>   |    |  |
| Connector symbol marking     | ②  | Device<br><br>Intermediate connector<br><br>16A0333 |    | The symbol indicates the connector as viewed from illustrated direction. At the connection with a device, the connector symbol on the device side is shown, and for an intermediate connector, male connector symbol is shown.   |
| Connector connection marking | ③  | Direct connection type<br>   |  | A connection between a device and connector on the harness side is either by direct insertion in the device (direct connection type) or by connection with a harness connector on the device side furnished (harness connection type). The two types are indicated as illustrated. |
|                              | ④  | Harness connection type<br><br>16A0334   |  |  |
|                              | ⑤  | Intermediate connector<br><br>16A0339  |  |  |
| Earth markings               | ⑥  | Body earth<br><br>16A0136  |  | Earth is either by body earth, device earth or control unit interior earth. These are indicated as illustrated.  |
|                              | ⑦  | Device earth<br><br>Sensor<br>03R0152  |  |  |
|                              | ⑧  | Earth in control unit<br><br>16A0109   |  |  |

# 1-10 HOW TO READ THE WIRING DIAGRAMS — Symbolic Marks/Wire Colour Codes

## SYMBOLIC MARKS

Devices appearing in circuit diagrams are indicated by the following symbols.

|   |                          |                 |                          |                 |  |
|---|--------------------------|-----------------|--------------------------|-----------------|--|
| Battery<br>                               | Body earth<br>           | Single bulb<br> | Resistor<br>             | Diode<br>       | Capacitor<br>                            |
| Fuse<br>                                  | Equipment earth<br>      | Dual bulb<br>   | Variable resistor<br>    | Zener diode<br> | Crossing of wires without connection<br> |
| Fusible link<br>                          | ECU interior earth<br>   | Speaker<br>     | Coil<br>                 | Transistor<br>  | Crossing of wires with connection<br>    |
| Connector<br>Female side<br>Male side<br> | Motor<br>                | Horn<br>        | Pulse generator<br>      | Buzzer<br>      | Chime<br>                                |
| Thyristor<br>                             | Piezoelectric device<br> | Thermistor<br>  | Light emitting diode<br> | Photo diode<br> | Photo transistor<br>                     |

## WIRE COLOUR CODES

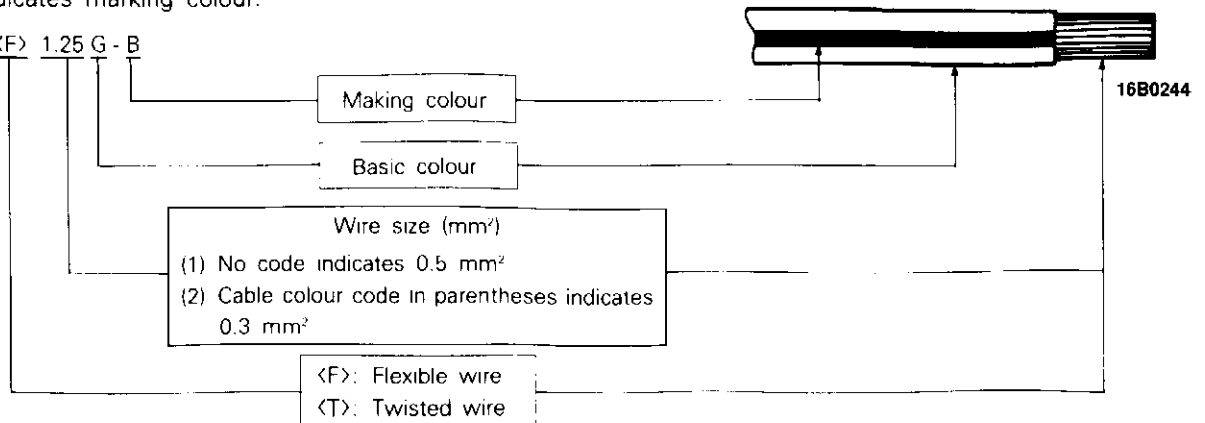
Wire colours are identified by the following colour codes.

| Code | Wire colour | Code | Wire colour |
|------|-------------|------|-------------|
| B    | Black       | P    | Pink        |
| BR   | Brown       | R    | Red         |
| G    | Green       | SB   | Sky blue    |
| GR   | Gray        | V    | Violet      |
| L    | Blue        | W    | White       |
| LG   | Light green | Y    | Yellow      |
| O    | Orange      |      |             |

### NOTE

If a cable has two colours, the first of the two colour code characters indicates the basic colour (colour of the cable coating) and the second indicates marking colour.

Example: <F> 1.25 G - B



## CONNECTOR COLOUR CODES

Connector colours are identified by the following colour codes.

| Code | Connector colour | Code | Connector colour |
|------|------------------|------|------------------|
| B    | Black            | L    | Blue             |
| BR   | Brown            | R    | Red              |
| G    | Green            | Y    | Yellow           |
| GR   | Gray             |      |                  |

## ABBREVIATION SYMBOLS

The abbreviation symbols used in wiring diagrams are defined below.

| Abbreviation symbol | Meaning   | Abbreviation symbol | Meaning                                  |
|---------------------|---|---------------------|--|
| ABS                 | Anti-skid brake system                            | EPS                 | Electronic control power steering        |
| A/C                 | Air conditioner                                   | ETACS               | Electronic time and alarm control system |
| ACTIVE-ECS          | ACTIVE-electronic control suspension system       | FUZZY-TCL           | Fuzzy traction control system            |
| ACTIVE-4WS          | ACTIVE-4 wheel steering system                    | GND                 | Earth                                    |
| DRL                 | Daytime running lamp                              | ILL                 | Illumination lamp                        |
| ECS                 | Electronic control suspension                     | IND                 | Indicator lamp                           |
| ECU                 | Electronic control unit                           | J/B                 | Junction block                           |
| EGR                 | Exhaust gas recirculation                         | SRS                 | Supplemental restraint system            |
| ELC-4A/T            | Electronic control 4-speed automatic transmission |                     |  |

### Abbreviation symbols used for combination meters

| Abbreviation symbol | Meaning   | Abbreviation symbol | Meaning                                     |
|---------------------|---|---------------------|---|
| 4WS                 | 4WS warning lamp                                    | HAZARD              | Hazard warning indicator lamp               |
| ABS                 | Anti-skid brake system warning lamp                 | HI                  | HIGH mode indicator lamp <ACTIVE-ECS>       |
| ALARM               | Alarm warning lamp <ACTIVE-ECS>                     | HOLD                | HOLD mode indicator lamp <A/T>              |
| A/T TEMP            | Automatic transmission oil temperature warning lamp | OD OFF              | Overdrive off indicator lamp                |
| BEAM                | Upper beam indicator lamp                           | OIL                 | Oil pressure warning lamp                   |
| BRAKE               | Brake warning lamp                                  | OIL LEVEL           | Low engine oil warning lamp                 |
| CHECK ENGINE        | Check engine warning lamp                           | R/FOG               | Rear fog lamp indicator lamp                |
| CHG                 | Charging warning lamp                               | SECURITY            | Theft-alarm system warning lamp             |
| CRUISE              | Auto-cruise control indicator lamp                  | SPEED               | Speedometer                                 |
| DOOR                | Door-ajar warning lamp                              | SPORT               | SPORT mode indicator lamp <ACTIVE-ECS, ECS> |
| EX-HI               | EXTRA HIGH mode indicator lamp <ACTIVE-ECS>         | SRS                 | Supplemental restraint system warning lamp  |
| F/GA                | Fuel gauge  | TACHO               | Tachometer                                  |
| FUEL                | Low fuel warning lamp                               | TCL                 | TCL mode indicator lamp                     |
| GLOW                | Glow warning lamp                                   |                     |   |

## 1-12 HOW TO READ THE WIRING DIAGRAMS — Abbreviation Symbols

| Abbreviation symbol | Meaning                          | Abbreviation symbol | Meaning                           |
|---------------------|----------------------------------|---------------------|-----------------------------------|
| TCL OFF             | TCL OFF mode indicator lamp      | TURN (LH)           | Turn signal indicator lamp (L.H.) |
| T/GA                | Engine coolant temperature gauge | TURN (RH)           | Turn signal indicator lamp (R.H.) |
| TOUR                | TOUR mode indicator lamp         | WASHER              | Low washer fluid warning lamp     |
| TRACE OFF           | TRACE OFF mode indicator lamp    | WATER               | Fuel filter warning lamp          |

### Abbreviation symbols used for switches and relays

| Name of switches and relays   | Abbreviation symbol | Operation   | Name of switches and relays | Abbreviation symbol          | Operation                                   |
|-------------------------------|---------------------|---|-----------------------------|------------------------------|---|
| Dimmer/passing switch         | LO                  | Low beams ON  | Air conditioner switch      | ECONO                        | 1st position (economical operation)         |
|                               | HI                  | High beams ON   |                             | DRY                          | 2nd position (full load operation)          |
| Lighting switch               | TAIL                | Position, tail, license-plate and instrument panel lamps ON | Windshield wiper switch     | LO                           | Wipers operate at low speed                 |
|                               | HEAD                | Headlamps ON  |                             | HI                           | Wipers operate at high speed                |
| Room lamp switch              | DOOR                | Room lamp ON when a door is open                            |                             | INT                          | Wipers operate intermittently               |
| Turn signal switch            | LH                  | L.H. turn signal lamps ON                                   | Rear wiper switch           | INT                          | Wiper operate intermittently                |
|                               | RH                  | R.H. turn signal lamps ON                                   |                             | Remote control mirror switch | LH  |
| Power window switch           | UP                  | Window closed   | RH                          |                              | R.H. mirror operates                        |
|                               | DOWN                | Window opened   | UP                          |                              | Up direction                                |
|                               | AUTO DOWN           | Window is easily opened with one action.                    | DOWN                        |                              | Down direction                              |
|                               | LOCK                | Window locked<br>Door locked                                | LEFT                        |                              | Left direction                              |
|                               | UNLOCK              | Window unlocked<br>Door unlocked                            | RIGHT                       |                              | Right direction                             |
| Door lock actuator            | LOCK                | Door locked   | ECS switch <ACTIVE-ECS>     | SPORT                        | Suspension mode is set in the SPORT mode    |
|                               | UNLOCK              | Door unlocked   |                             | HIGH                         | Vehicle height mode is set in the HIGH mode |
| Door lock key cylinder switch | LOCK                | Door locked   | Sunroof switch              | UP                           | Sunroof tilted up                           |
|                               | UNLOCK              | Door unlocked   |                             | DOWN                         | Sunroof tilted down                         |
| Blower switch                 | LO                  | Blower operates at low speed                                |                             | OPEN                         | Sunroof slides open                         |
|                               | ML                  | Blower operates at medium low speed                         |                             | CLOSE                        | Sunroof slides to close                     |
|                               | MH                  | Blower operates at medium high speed                        | Heated seat switch          | LO                           | Normal heating                              |
|                               | HI                  | Blower operates at high speed                               |                             | HI                           | Rapid heating                               |
|                               |                     |   | Power seat switch           | RECLINING FR                 | Seat back is stood upright                  |
|                               |                     |   |                             | RECLINING RR                 | Seat back is leaned backward                |



| Name of switches and relays | Abbreviation symbol | Operation                                 | Name of switches and relays | Abbreviation symbol | Operation                                |
|-----------------------------|---------------------|---|-----------------------------|---------------------|--|
| Power seat switch           | SLIDE FR            | Seat is moved forward                     | Power seat switch           | REAR HEIGHT UP      | Rear part of seat cushion is tilted up   |
|                             | SLIDE RR            | Seat is moved backward                    |                             | REAR HEIGHT DOWN    | Rear part of seat cushion is tilted down |
|                             | FRONT HEIGHT UP     | Front part of seat cushion is tilted up   | Others                      | ON                  | Switched on                              |
|                             | FRONT HEIGHT DOWN   | Front part of seat cushion is tilted down |                             | OFF                 | Switched off                             |

## APPLICABLE MODEL CATEGORIES

The applicable model categories are indicated below for easy identification.

| Division | Contents   |
|----------|--|
| PETROL   | Indicates petrol-powered vehicles                        |
| DIESEL   | Indicates diesel-powered vehicles                        |
| 4G93     | Indicates vehicles with 4G93-SOHC engine                 |
| 4G63     | Indicates vehicles with 4G63-SOHC engine                 |
| 6A12     | Indicates vehicles with 6A12-DOHC engine                 |
| 6G73     | Indicates vehicles with 6G73-DOHC engine                 |
| 4D68     | Indicates vehicles with 4D68 engine                      |
| MPI      | Indicates vehicles with multi-point injection            |
| SOHC     | Indicates vehicles with single overhead camshaft engine  |
| DOHC     | Indicates vehicles with double overhead camshafts engine |
| A/C      | Indicates vehicles with air conditioner                  |
| A/T      | Indicates vehicles with automatic transmission           |
| M/T      | Indicates vehicles with manual transmission              |
| LHD      | Indicates L.H. drive vehicles                            |
| RHD      | Indicates R.H. drive vehicles                            |
| 2WD      | Indicates front wheel-drive vehicles                     |
| 4WD      | Indicates 4 wheel-drive vehicles                         |

## 2 WIRING HARNESS CONFIGURATION DIAGRAMS

### OVERALL WIRING DIAGRAM

|                                       |     |
|---------------------------------------|-----|
| Sedan <L.H. drive vehicles> .....     | 2-2 |
| Sedan <R.H. drive vehicles> .....     | 2-2 |
| Hatchback <L.H. drive vehicles> ..... | 2-3 |
| Hatchback <R.H. drive vehicles> ..... | 2-3 |

### ENGINE COMPARTMENT **A**

|   |      |
|---|------|
| 4G93 SOHC-MPI <L.H. drive vehicles> ..... | 2-4  |
| 4G93 SOHC-MPI <R.H. drive vehicles> ..... | 2-8  |
| 4G63 SOHC-MPI <L.H. drive vehicles> ..... | 2-12 |
| 4G63 SOHC-MPI <R.H. drive vehicles> ..... | 2-16 |
| 6A12 DOHC-MPI <L.H. drive vehicles> ..... | 2-20 |
| 6A12 DOHC-MPI <R.H. drive vehicles> ..... | 2-24 |
| 6G73 DOHC-MPI <L.H. drive vehicles> ..... | 2-28 |
| 6G73 DOHC-MPI <R.H. drive vehicles> ..... | 2-32 |
| 4D68 <L.H. drive vehicles> .....          | 2-36 |
| 4D68 <R.H. drive vehicles> .....          | 2-40 |

### ENGINE AND TRANSMISSION **B**

|                     |      |
|---------------------|------|
| 4G93 SOHC-MPI ..... | 2-44 |
| 4G63 SOHC-MPI ..... | 2-45 |
| 6A12 DOHC-MPI ..... | 2-46 |
| 6G73 DOHC-MPI ..... | 2-47 |
| 4D68 .....          | 2-48 |

### DASH PANEL **C**

|                           |      |
|---------------------------|------|
| L.H. drive vehicles ..... | 2-50 |
| R.H. drive vehicles ..... | 2-54 |

### INSTRUMENT PANEL **D**

|                           |      |
|---------------------------|------|
| L.H. drive vehicles ..... | 2-58 |
| R.H. drive vehicles ..... | 2-59 |

### FLOOR, ROOF **E**

|                                       |      |
|---------------------------------------|------|
| Sedan <L.H. drive vehicles> .....     | 2-60 |
| Sedan <R.H. drive vehicles> .....     | 2-61 |
| Hatchback <L.H. drive vehicles> ..... | 2-62 |
| Hatchback <R.H. drive vehicles> ..... | 2-63 |

### DOOR **F**

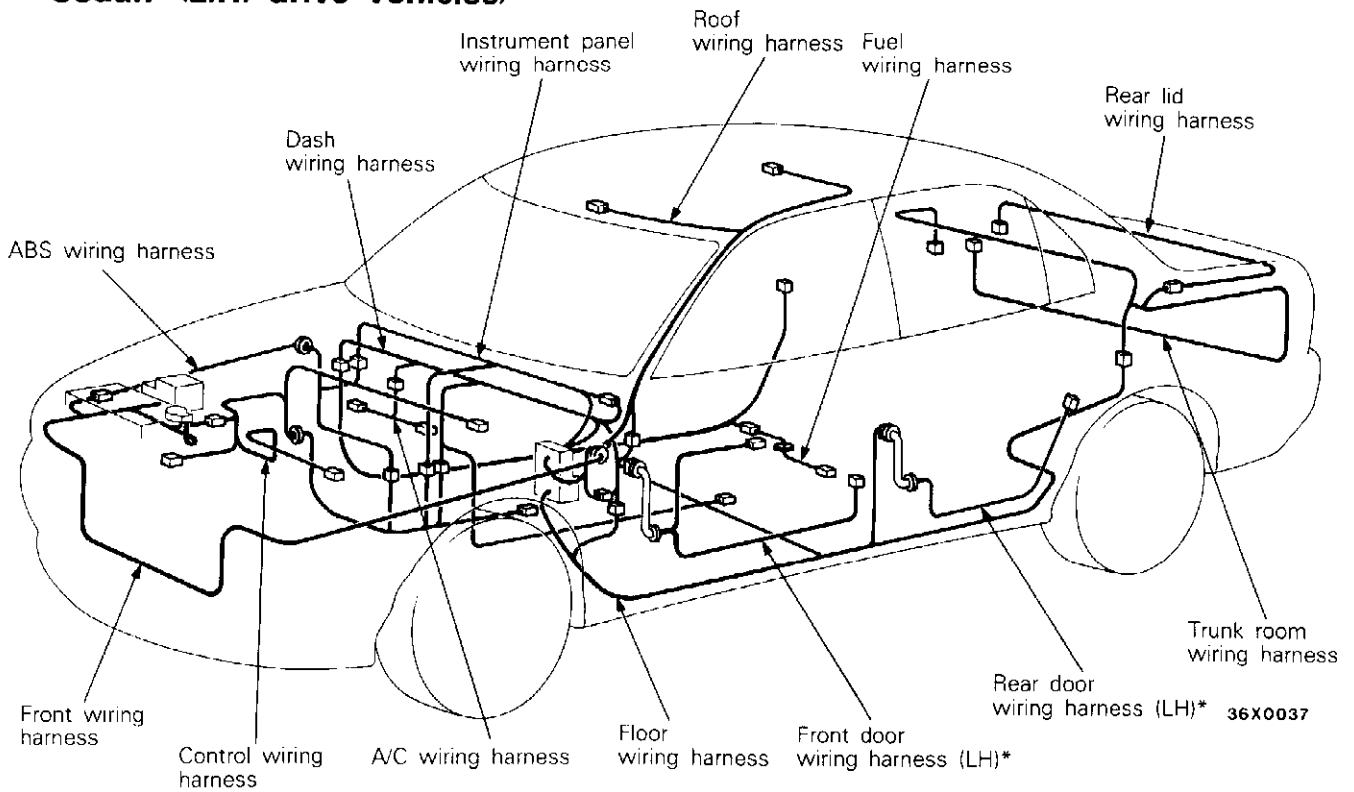
|                           |      |
|---------------------------|------|
| L.H. drive vehicles ..... | 2-64 |
| R.H. drive vehicles ..... | 2-65 |

### LUGGAGE COMPARTMENT **G**

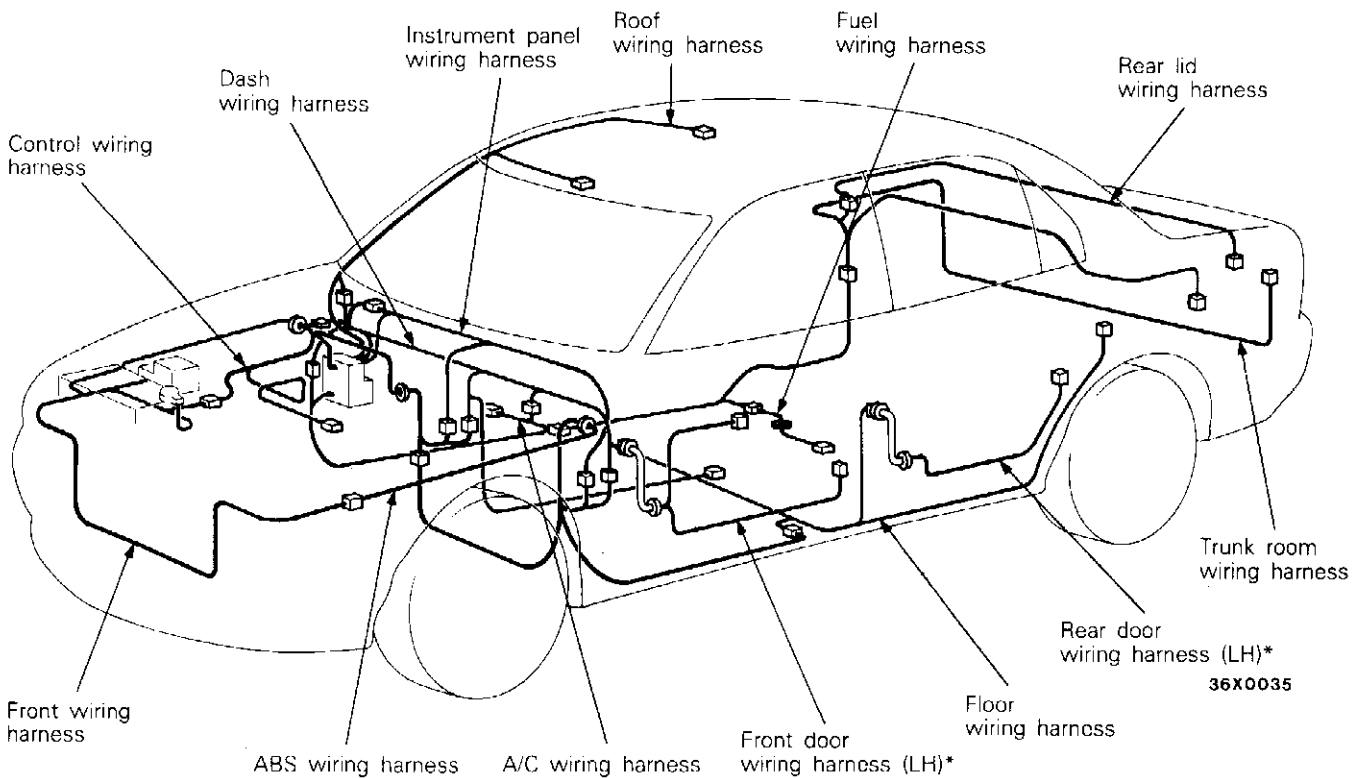
|                                       |      |
|---------------------------------------|------|
| Sedan <L.H. drive vehicles> .....     | 2-66 |
| Sedan <R.H. drive vehicles> .....     | 2-68 |
| Hatchback <L.H. drive vehicles> ..... | 2-70 |
| Hatchback <R.H. drive vehicles> ..... | 2-72 |

# OVERALL WIRING DIAGRAM

## Sedan <L.H. drive vehicles>



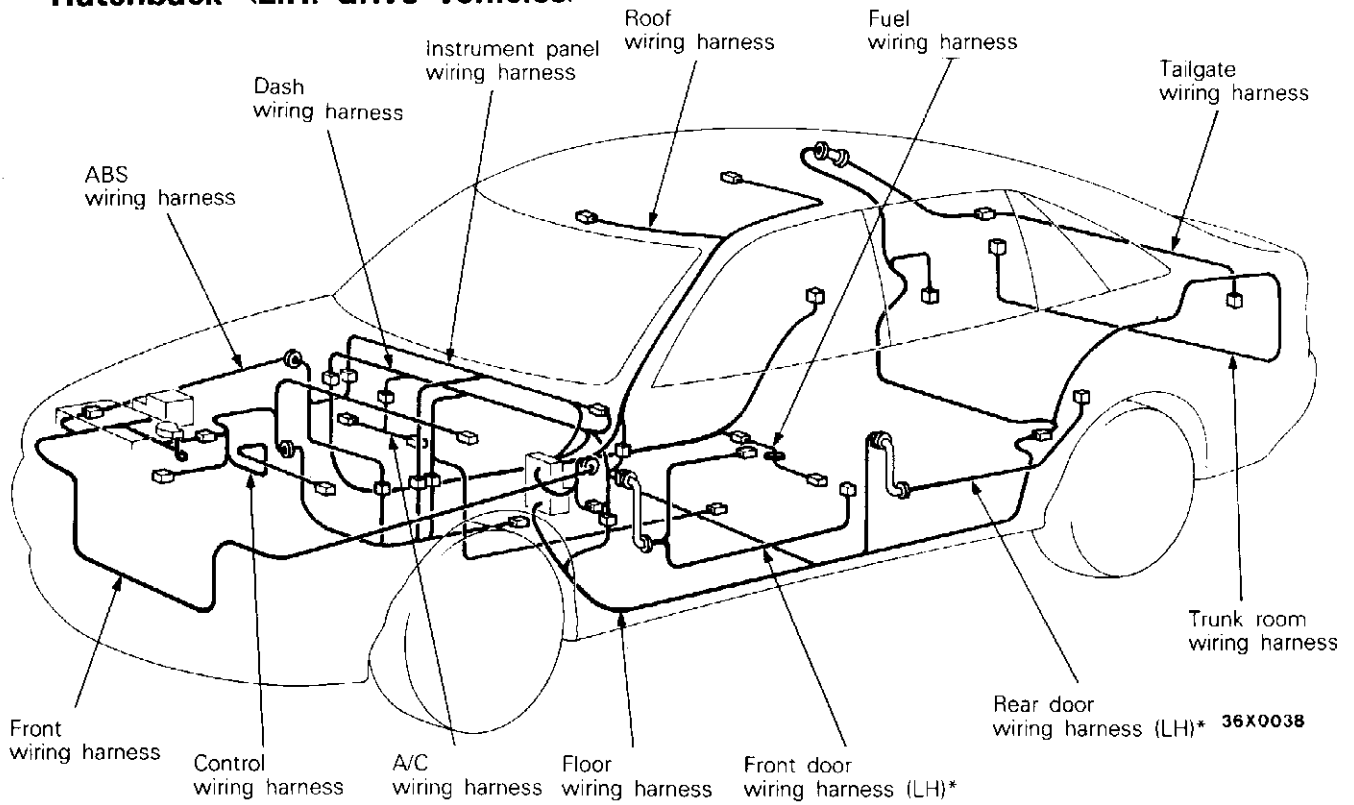
## Sedan <R.H. drive vehicles>



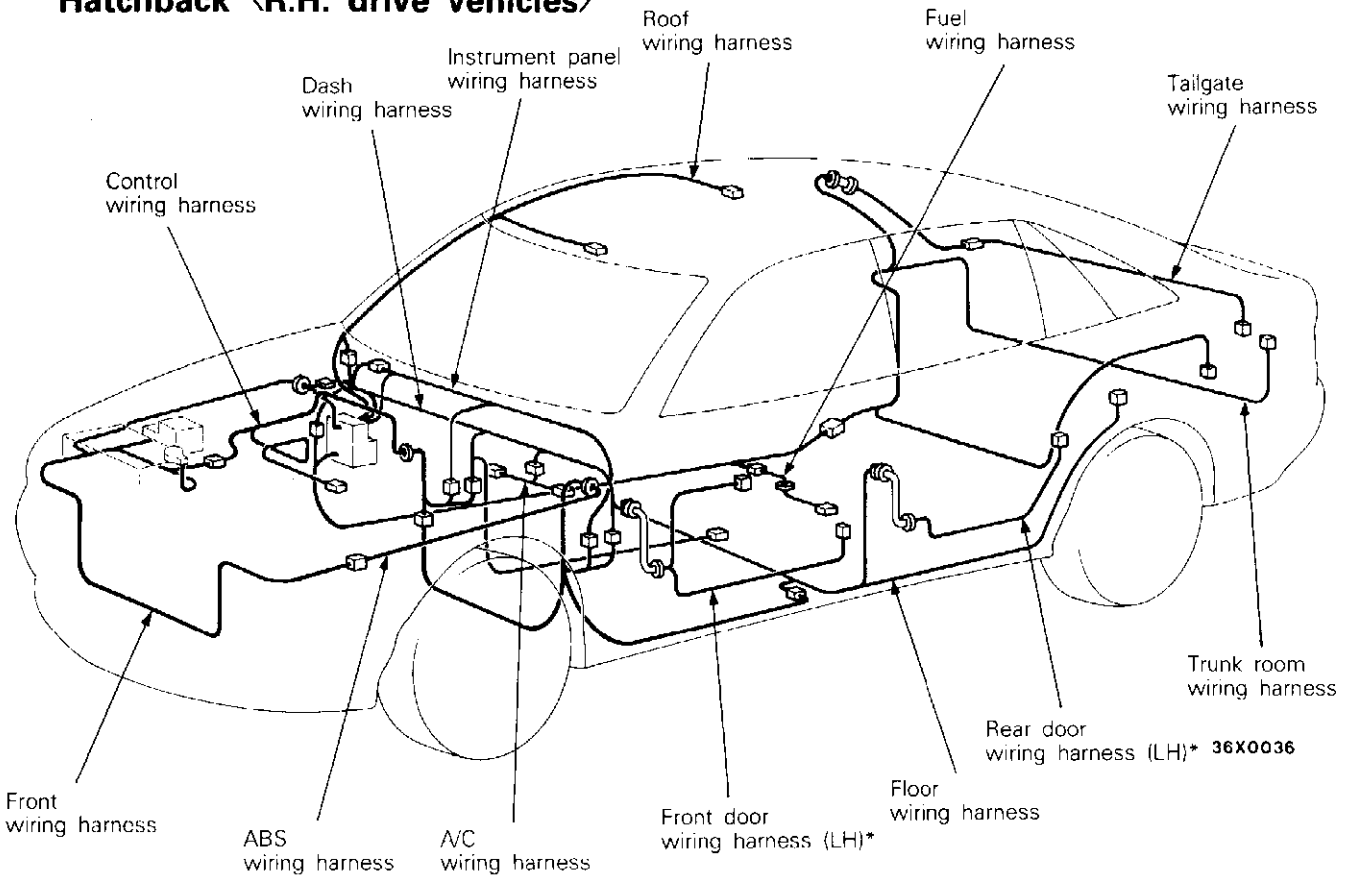
**NOTE**

- (1) These illustrations show only major wiring harnesses.
- (2) \*: also equipped at the right side.

**Hatchback <L.H. drive vehicles>**



**Hatchback <R.H. drive vehicles>**

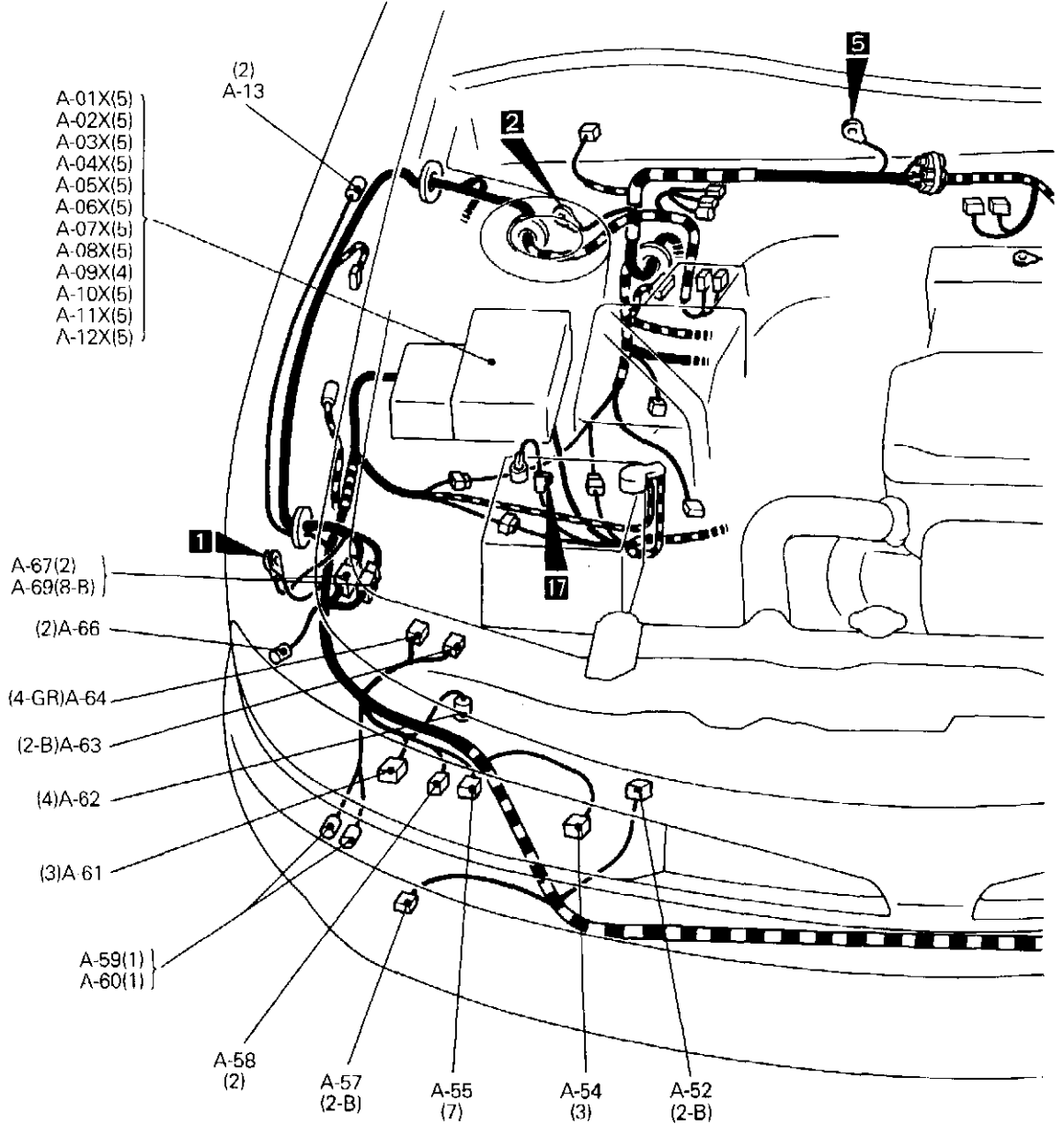


# ENGINE COMPARTMENT

4G93 SOHC-MPI <L.H. drive vehicles>

Connector symbol  
**A** -01 thru -69

- A-01X(5)
- A-02X(5)
- A-03X(5)
- A-04X(5)
- A-05X(5)
- A-06X(5)
- A-07X(5)
- A-08X(5)
- A-09X(4)
- A-10X(5)
- A-11X(5)
- A-12X(5)



- A-67(2)
- A-69(8-B)

(2)A-66

(4-GR)A-64

(2-B)A-63

(4)A-62

(3)A-61

A-59(1)  
A-60(1)

A-58  
(2)

A-57  
(2-B)

A-55  
(7)

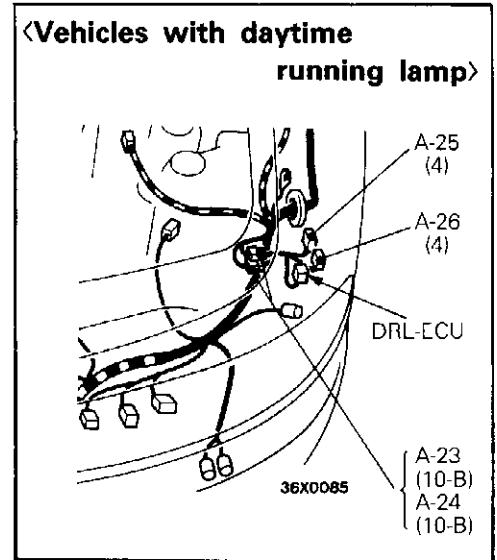
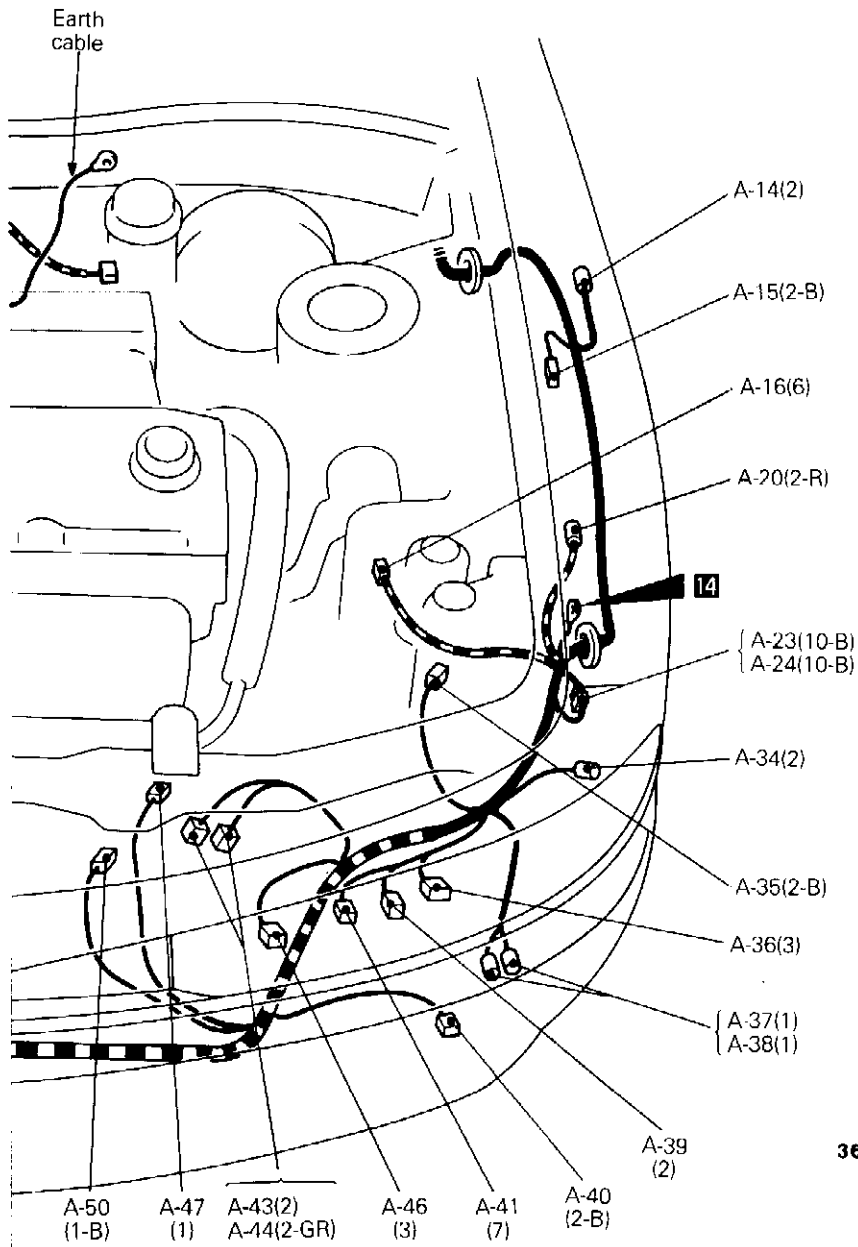
A-54  
(3)

A-52  
(2-B)

A-01X }  
thru } Refer to CENTRALIZED JUNCTION  
A-12X }

- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 —
- A-18 —
- A-19 —
- A-20 Front impact sensor (LH)
- A-21 —
- A-22 —
- A-23 } Front wiring harness and daytime running lamp wiring
- A-24 } harness combination or front wiring harness joint connector

- A-25 Daytime running lamp relay (I)
- A-26 Daytime running lamp relay (II)
- A-27 } —
- thru }
- A-33 }
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 } Horn (LH)
- A-38 }
- A-39 Position lamp (LH)
- A-40 Front fog lamp (LH)
- A-41 Headlamp leveling unit (LH)
- A-42 —

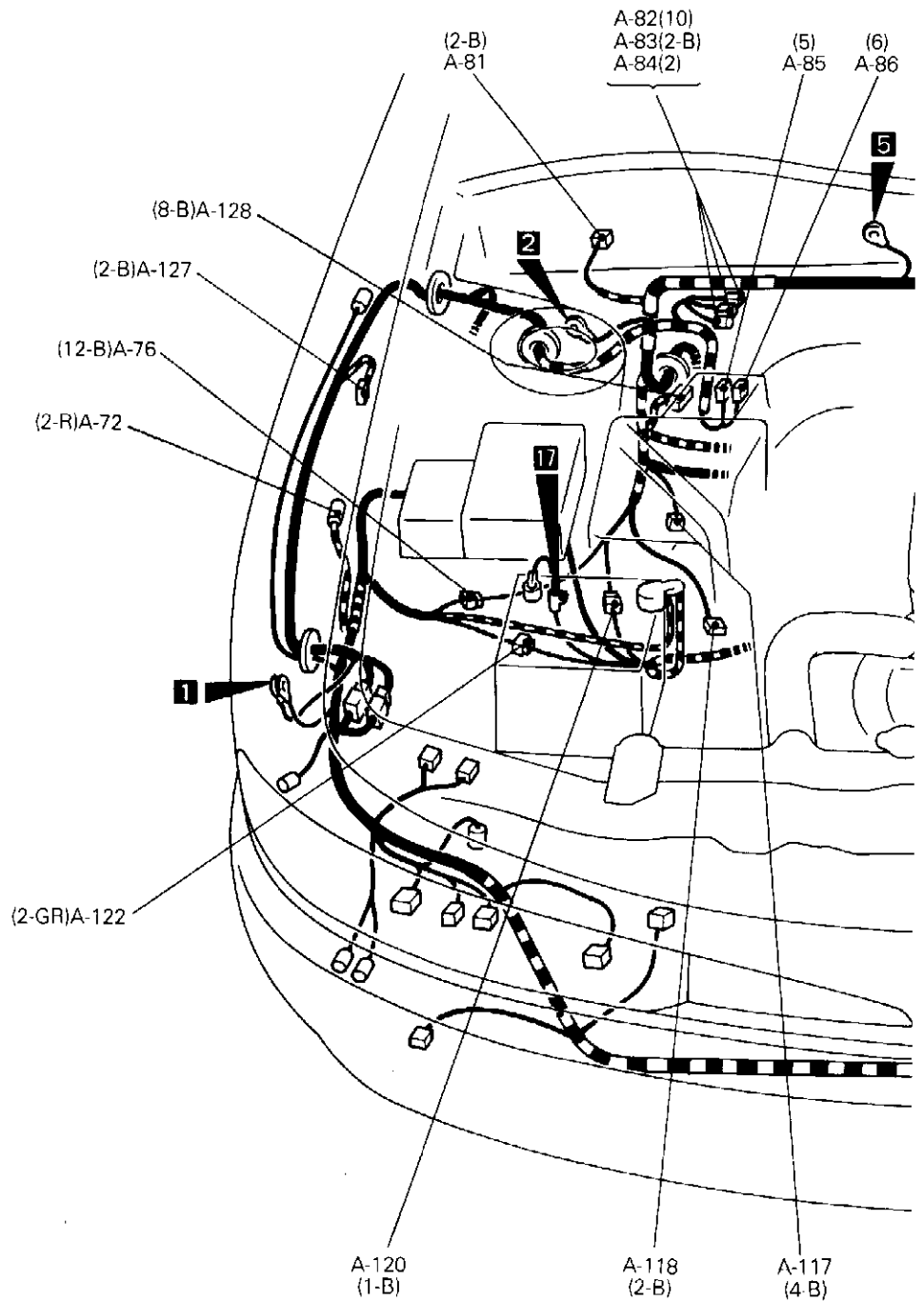
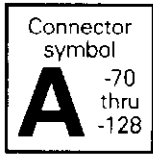


36X0075

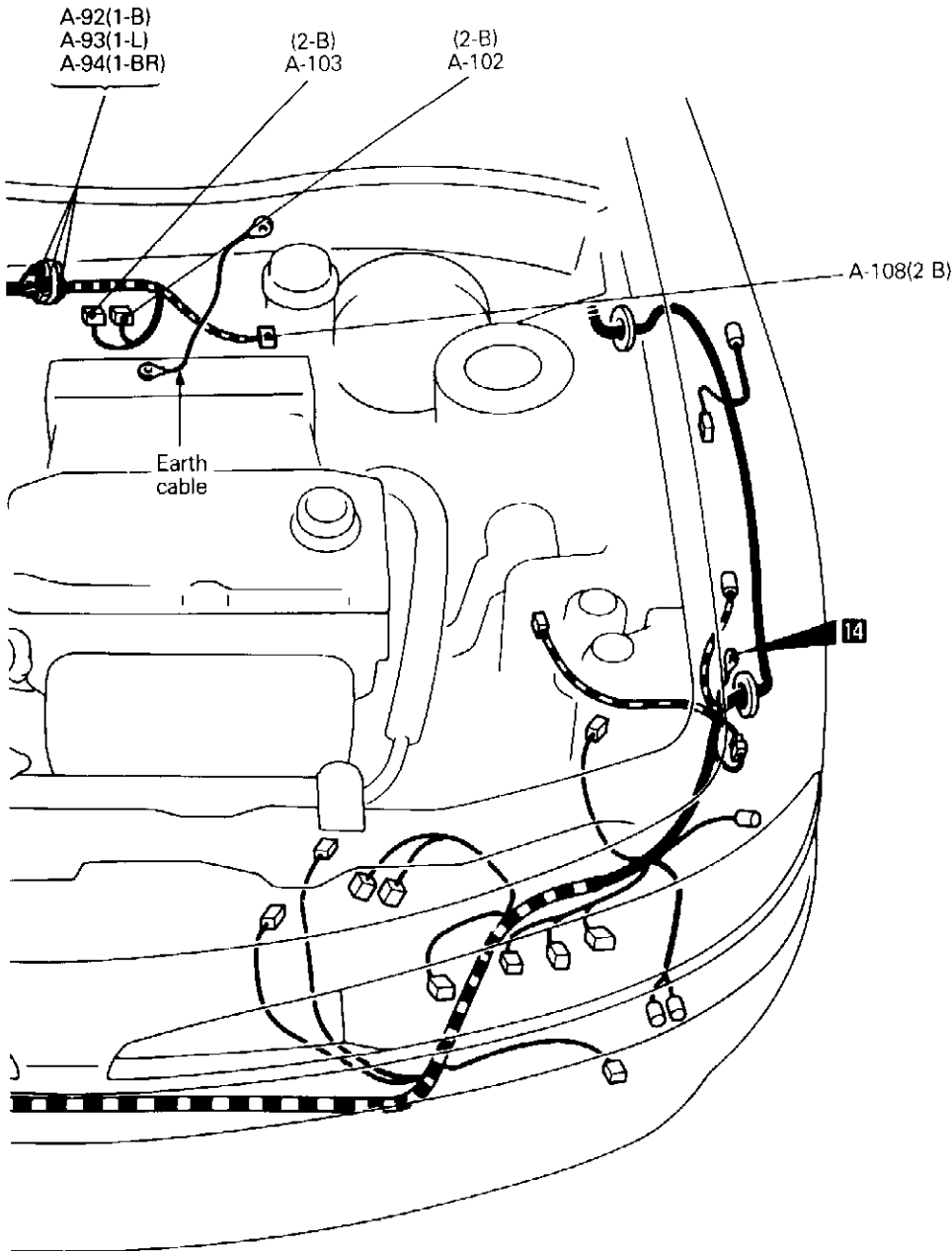
- A-43 } Condenser fan motor
- A-44 } —
- A-45 —
- A-46 Headlamp (LH)
- A-47 Power steering oil pressure switch
- A-48 —
- A-49 —
- A-50 A/C compressor and magnetic clutch assembly
- A-51 —
- A-52 Radiator fan motor
- A-53 —
- A-54 Headlamp (RH)
- A-55 Headlamp leveling unit (RH)
- A-56 —
- A-57 Front fog lamp (RH)

- A-58 Position lamp (RH)
- A-59 } Horn (RH)
- A-60 } —
- A-61 Headlamp (RH)
- A-62 Triple pressure switch
- A-63 Headlamp washer motor
- A-64 Washer fluid level sensor and windshield washer motor
- A-65 —
- A-66 Front turn signal lamp (RH)
- A-67 Front wiring harness and ABS wiring harness combination
- A-68 —
- A-69 Front wiring harness and ABS wiring harness combination

4G93 SOHC-MPI <L.H. drive vehicles>



- |      |   |      |                                      |
|------|---|------|--------------------------------------|
| A-70 | —   | A-82 | } Hydraulic unit                     |
| A-71 | —   | A-83 |                                      |
| A-72 | Front impact sensor (RH)                                    | A-84 |                                      |
| A-73 | —   | A-85 | Motor relay                          |
| A-74 | —   | A-86 | Valve relay                          |
| A-75 | —   | A-87 | } —                                  |
| A-76 | Front wiring harness and control wiring harness combination | thru |                                      |
| A-77 | } —   | A-91 | —                                    |
| thru |   | A-92 | Fuel pump check connector            |
| A-80 |   | A-93 | Ignition timing adjustment connector |
| A-81 | Windshield wiper motor                                      | A-94 | Engine speed detection connector     |



36X0075

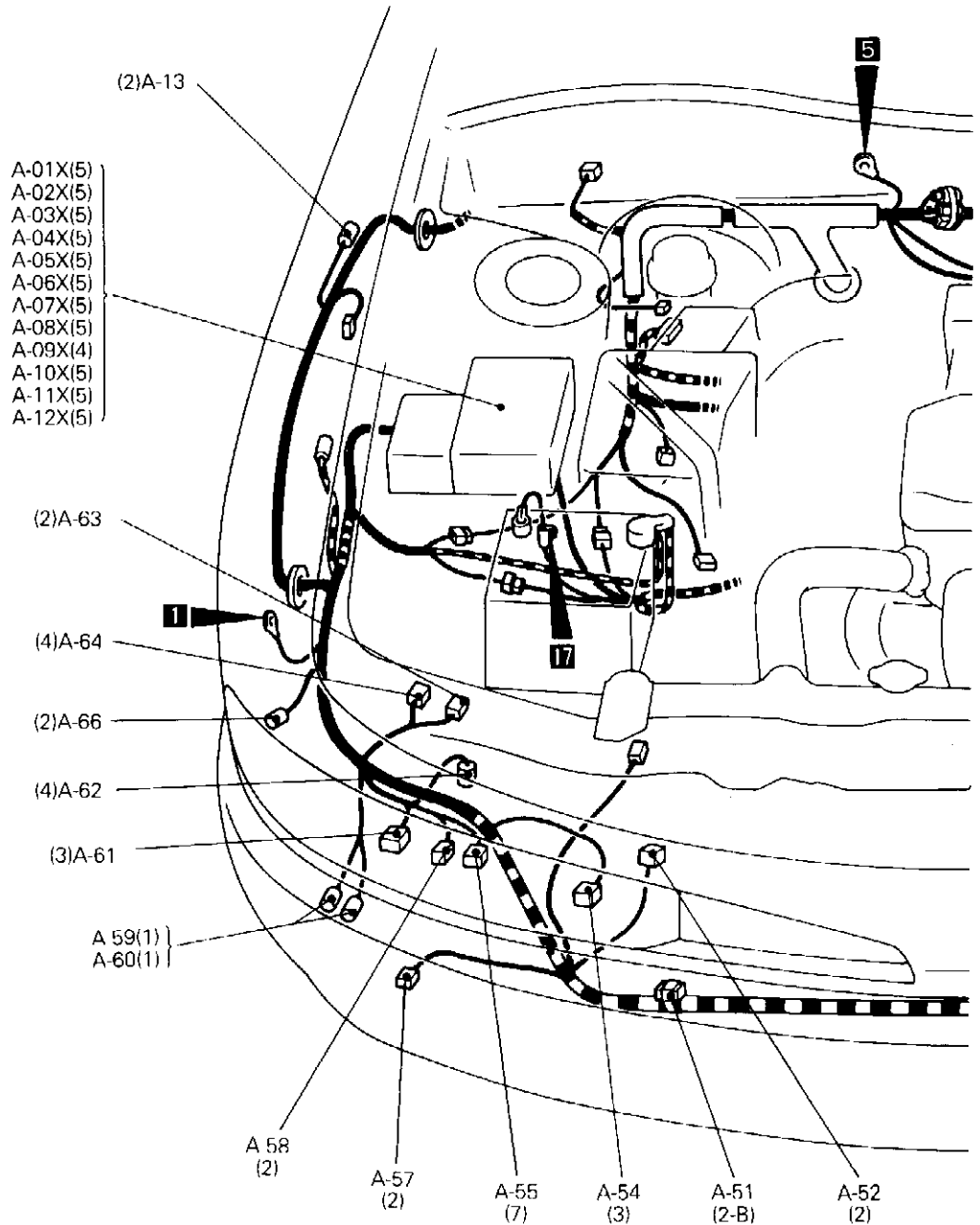
- |       |       |       |  |
|-------|-------|-------|--|
| A-95  | } —   | A-117 | Pulse generator                                      |
| thru  |       | A-118 | Back-up lamp switch                                  |
| A-101 | } —   | A-119 | —  |
| A-102 |       | A-120 | Control wiring harness and battery cable combination |
| A-103 | A-102 | A-121 | —  |
| A-104 | } —   | A-122 | Front wiring harness and battery cable combination   |
| thru  |       | A-123 | } —  |
| A-107 | A-126 |       |  |
| A-108 | A-108 | A-127 | Speed sensor (Front: RH)                             |
| A-109 | } —   | A-128 | Air flow sensor                                      |
| thru  |       |       |  |
| A-116 |       |       |  |



# ENGINE COMPARTMENT

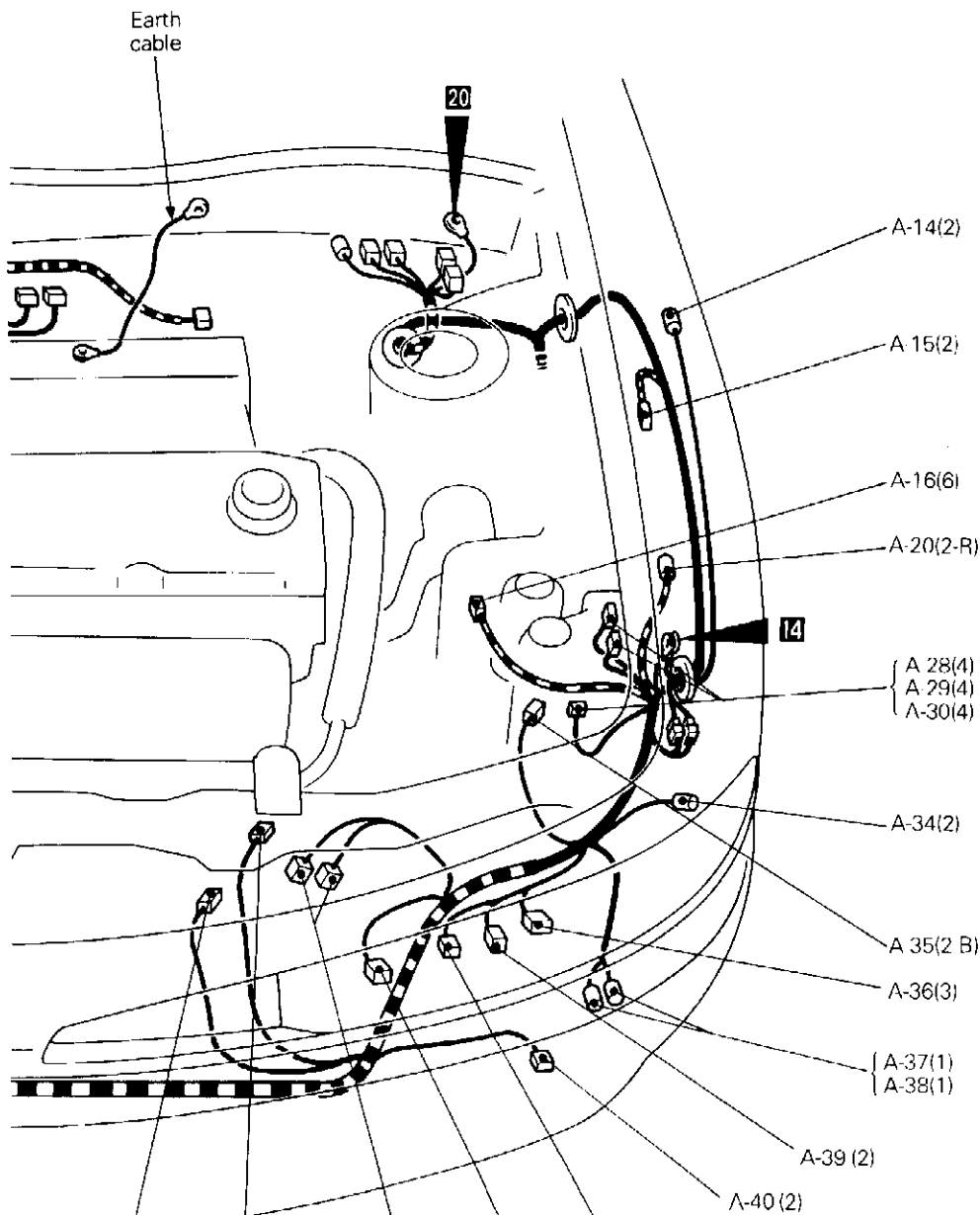
4G93 SOHC-MPI <R.H. drive vehicles>

Connector symbol  
**A** -01 thru -66



- A-01X } Refer to CENTRALIZED JUNCTION
- thru }
- A-12X }
- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 -
- A-18 -
- A-19 -
- A-20 Front impact sensor (LH)
- A-21 } -
- thru }
- A-27 }

- A-28 Dim-dip lamp relay 1
- A-29 Dim-dip lamp relay 2 or jumper connector
- A-30 Dim-dip lamp relay 3 or jumper connector
- A-31 -
- A-32 -
- A-33 -
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 } Horn (LH)
- A-38 }
- A-39 Position lamp (LH)
- A-40 Front fog lamp (LH)

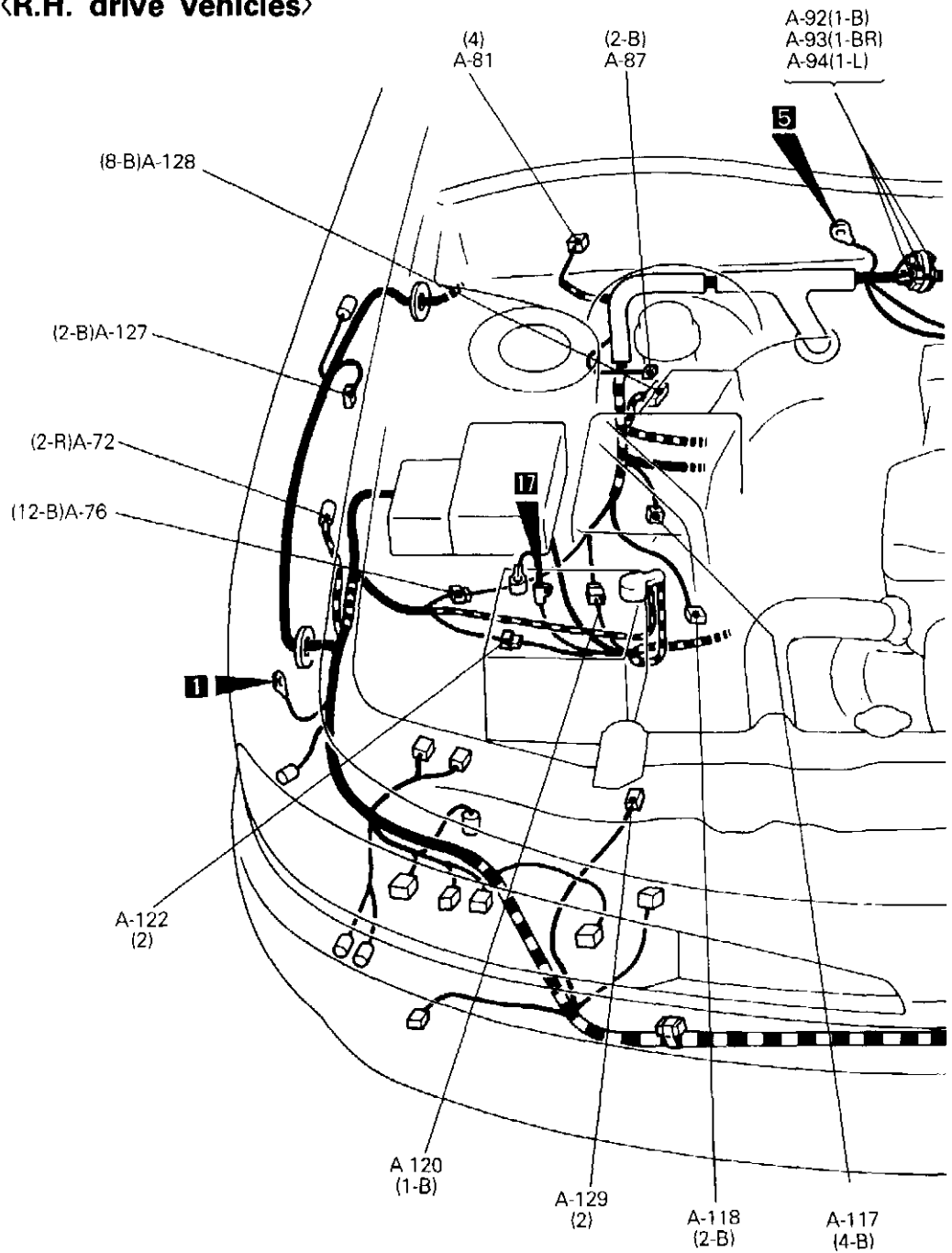
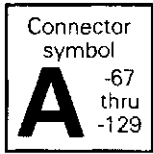


36X0070

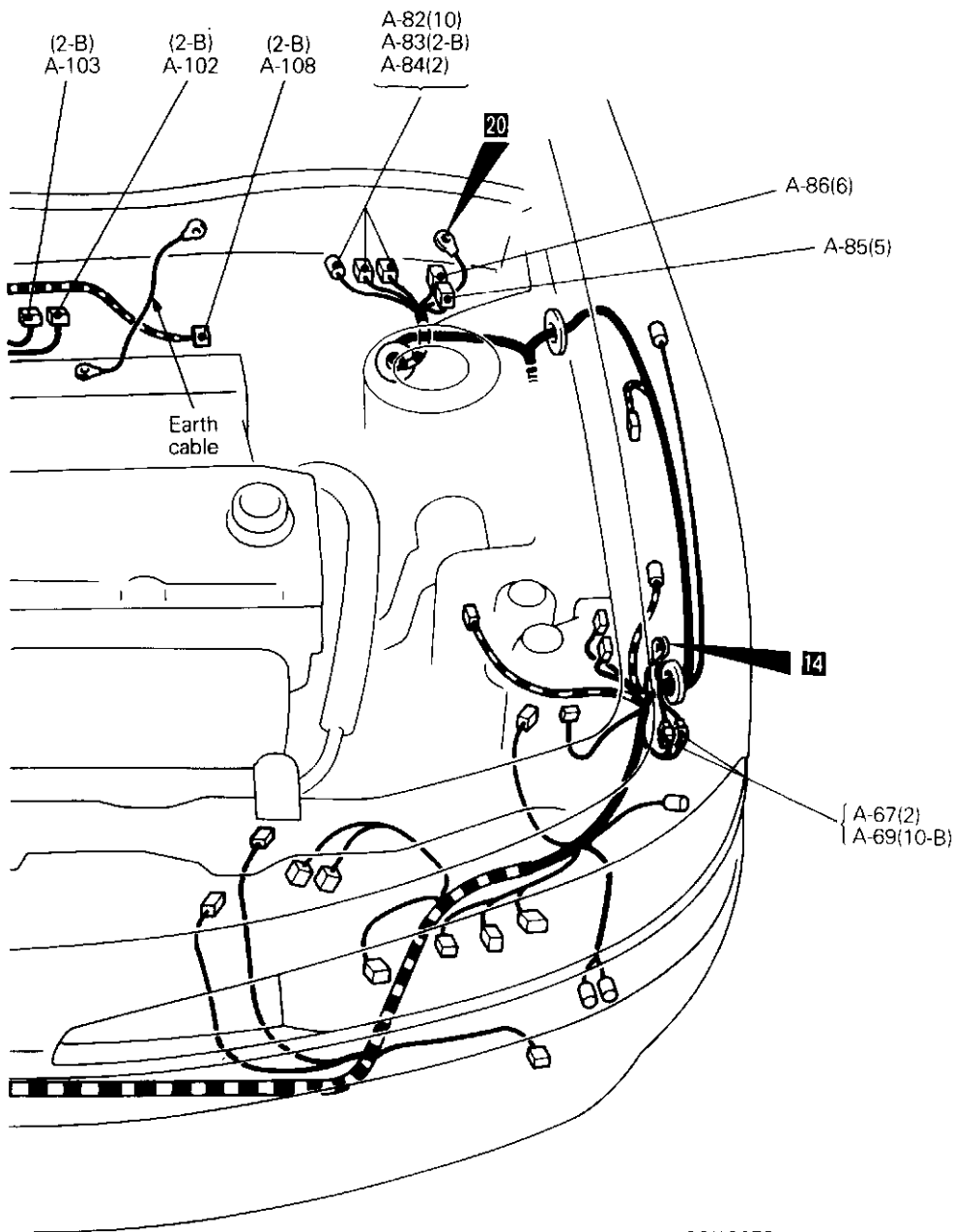
A-50 (1-B) A-47 (1) A-43(2) A-44(2) A-46 (3) A-41 (7)

- |      |   |      |   |
|------|---|------|---|
| A-11 | Headlamp leveling unit (LH)                 | A-55 | Headlamp leveling unit (RH)                           |
| A-12 | —   | A-56 | —   |
| A-43 | } Condenser fan motor                       | A-57 | Front fog lamp (RH)                                   |
| A-44 |   | A-58 | Position lamp (RH)                                    |
| A-45 | —   | A-59 | } Horn (RH)   |
| A-46 | Headlamp (LH)                               | A-60 |   |
| A-47 | Power steering oil pressure switch          | A-61 | Headlamp (RH)   |
| A-48 | —   | A-62 | Triple pressure switch                                |
| A-49 | —   | A-63 | Headlamp washer motor                                 |
| A-50 | A/C compressor and magnetic clutch assembly | A-64 | Washer fluid level sensor and windshield washer motor |
| A-51 | No connection                               | A-65 | —   |
| A-52 | Radiator fan motor                          | A-66 | Front turn signal lamp (RH)                           |
| A-53 | —   |      |   |
| A-54 | Headlamp (RH)                               |      |   |

4G93 SOHC-MPI <R.H. drive vehicles>



|      |   |                |                           |
|------|---|----------------|---------------------------|
| A-67 | Front wiring harness and ABS wiring harness combination     | A-77 thru A-80 | —                         |
| A-68 | —   | A-81           | Windshield wiper motor    |
| A-69 | Front wiring harness and ABS wiring harness combination     | A-82 thru A-84 | Hydraulic unit            |
| A-70 | —   | A-85           | Motor relay               |
| A-71 | —   | A-86           | Valve relay               |
| A-72 | Front impact sensor (RH)                                    | A-87           | Brake fluid level switch  |
| A-73 | —   | A-88 thru A-91 | —                         |
| A-74 | —   | A-92           | Fuel pump check connector |
| A-75 | —   |                |                           |
| A-76 | Front wiring harness and control wiring harness combination |                |                           |

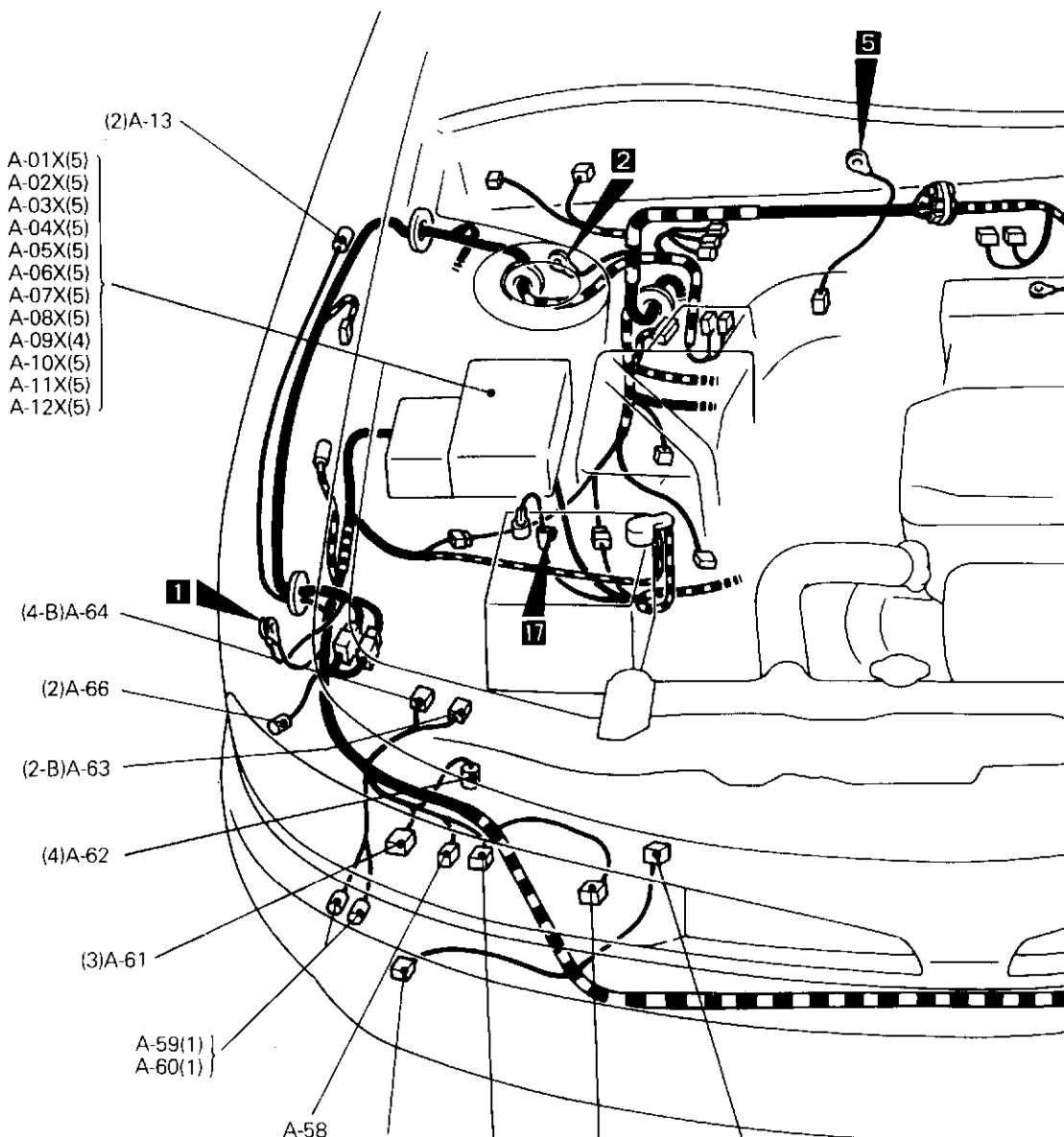
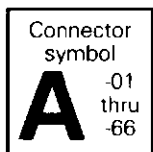


36X0070

- |       |   |       |  |
|-------|---|-------|--|
| A-93  | Ignition timing adjustment connector      | A-117 | Pulse generator                                      |
| A-94  | Engine speed detection connector          | A-118 | Back-up lamp switch                                  |
| A-95  | }   | A-119 | —  |
| thru  |   | A-120 | Control wiring harness and battery cable combination |
| A-101 | —   | A-121 | —  |
| A-102 | EGR solenoid valve                        | A-122 | Front wiring harness and battery cable combination   |
| A-103 | Purge control solenoid valve              | A-123 | }  |
| A-104 | }   | thru  |  |
| A-107 |   | A-126 |  |
| A-108 | Brake fluid level switch or no connection | A-127 | Speed sensor (Front: RH)                             |
| A-109 | }   | A-128 | Air flow sensor                                      |
| thru  |   | A-129 | Resistor   |
| A-116 | —   |       |  |

# ENGINE COMPARTMENT

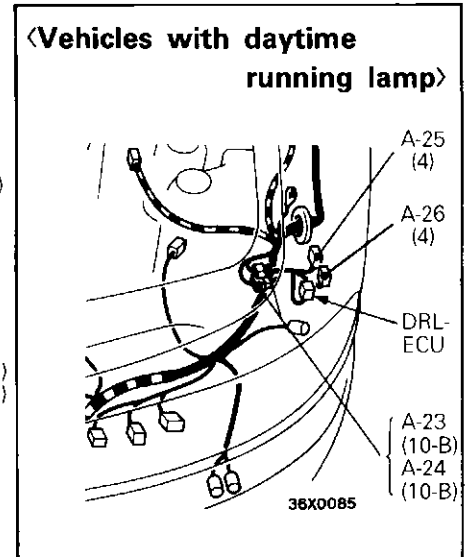
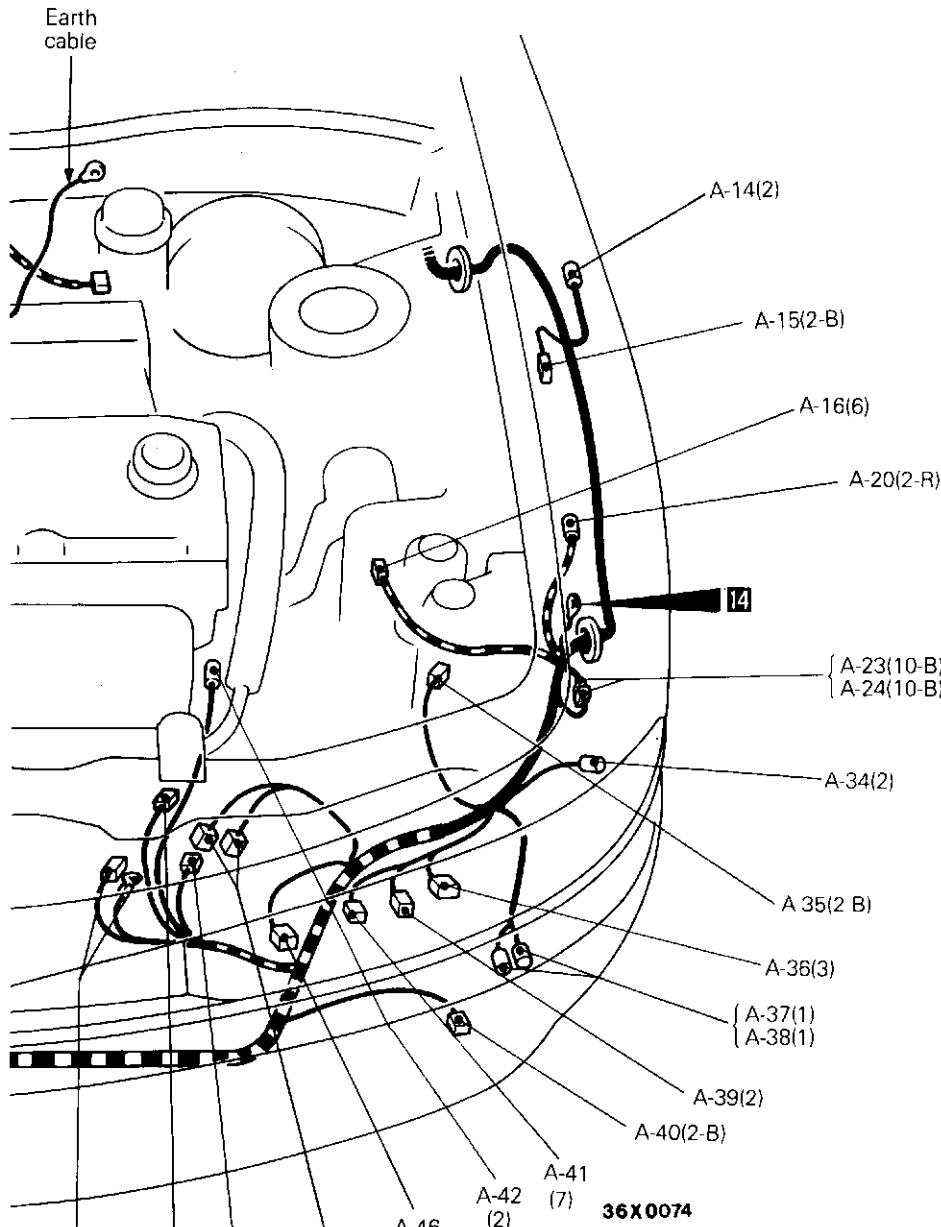
4G63 SOHC-MPI <L.H. drive vehicles>



A-01X }  
 thru } Refer to CENTRALIZED JUNCTION  
 A-12X }

- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 —
- A-18 —
- A-19 —
- A-20 Front impact sensor (LH)
- A-21 —
- A-22 —
- A-23 } Front wiring harness and daytime running lamp wiring
- A-24 } harness combination or front wiring harness joint connector

- A-25 Daytime running lamp relay (I)
- A-26 Daytime running lamp relay (II)
- A-27 } —
- thru }
- A-33 —
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 } Horn (LH)
- A-38 }



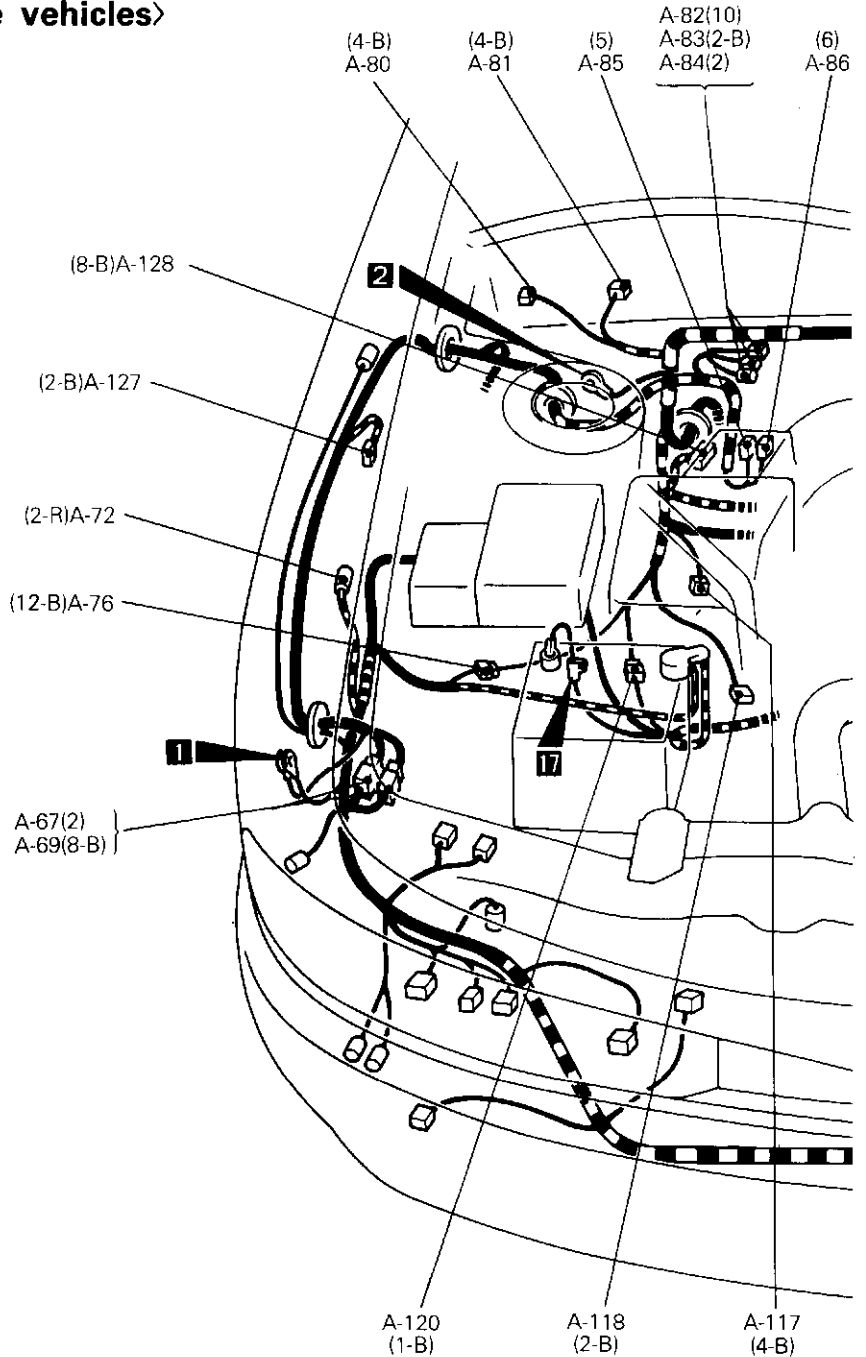
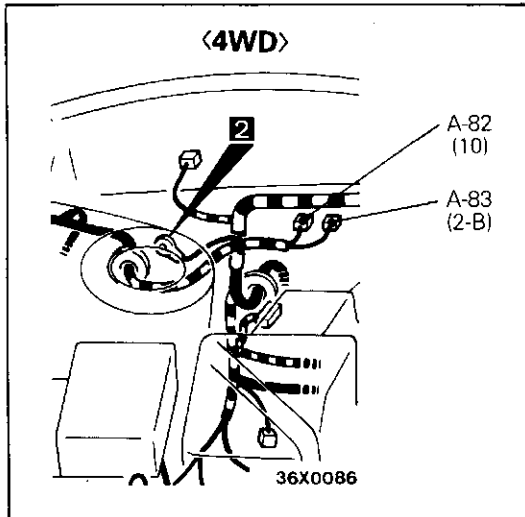
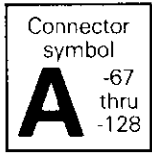
A-48(2-B) A-47 A-45 A-43(2)  
A-49(1) (1) (1) A-44(2-GR)

- A-39 Position lamp (LH)
- A-40 Front fog lamp (LH)
- A-41 Headlamp leveling unit (LH)
- A-42 Engine oil level sensor
- A-43 } Condenser fan motor
- A-44 }
- A-45 Oil pressure switch
- A-46 Headlamp (LH)
- A-47 Power steering oil pressure switch
- A-48 } Alternator
- A-49 }
- A-50 —
- A-51 —

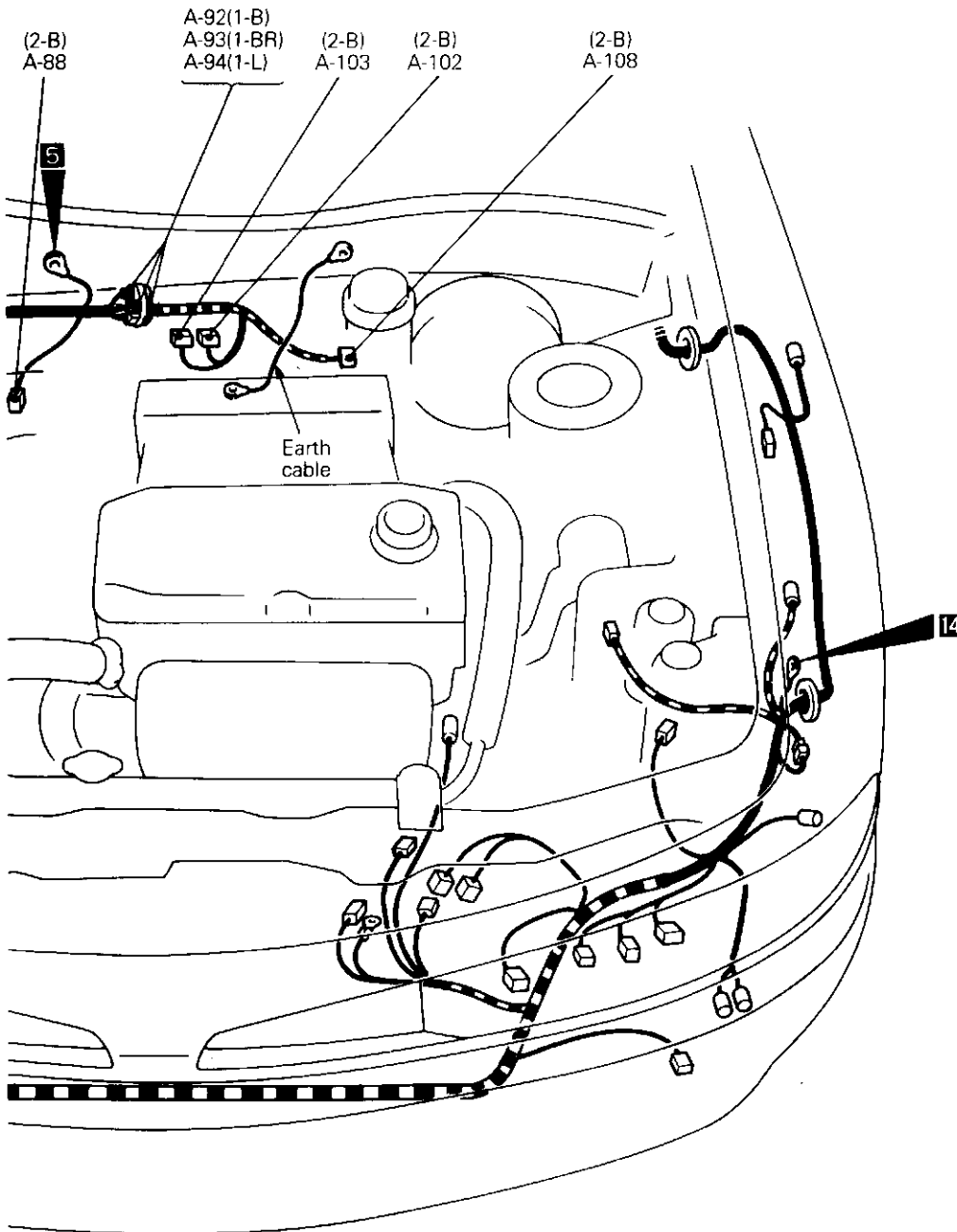
36X0074

- A-52 } Radiator fan motor
- A-53 }
- A-54 Headlamp (RH)
- A-55 Headlamp leveling unit (RH)
- A-56 —
- A-57 Front fog lamp (RH)
- A-58 Position lamp (RH)
- A-59 } Horn (RH)
- A-60 }
- A-61 Headlamp (RH)
- A-62 Triple pressure switch
- A-63 Headlamp washer motor
- A-64 Washer fluid level sensor and windshield washer motor
- A-65 —
- A-66 Front turn signal lamp (RH)

4G63 SOHC-MPI <L.H. drive vehicles>



- |      |   |      |                                      |
|------|---|------|--------------------------------------|
| A-67 | Front wiring harness and ABS wiring harness combination     | A-81 | Windshield wiper motor               |
| A-68 | —   | A-82 | Hydraulic unit                       |
| A-69 | Front wiring harness and ABS wiring harness combination     | A-83 |                                      |
|      |   | A-84 |                                      |
| A-70 | —   | A-85 | Motor relay                          |
| A-71 | —   | A-86 | Valve relay                          |
| A-72 | Front impact sensor (RH)                                    | A-87 | —                                    |
| A-73 | Front wiring harness and control wiring harness combination | A-88 | EPS solenoid valve                   |
| A-74 | —   | A-89 | —                                    |
| thru |   | A-90 | —                                    |
| A-79 |   | A-91 | —                                    |
| A-80 | Vacuum pump   | A-92 | Fuel pump check connector            |
|      |   | A-93 | Ignition timing adjustment connector |



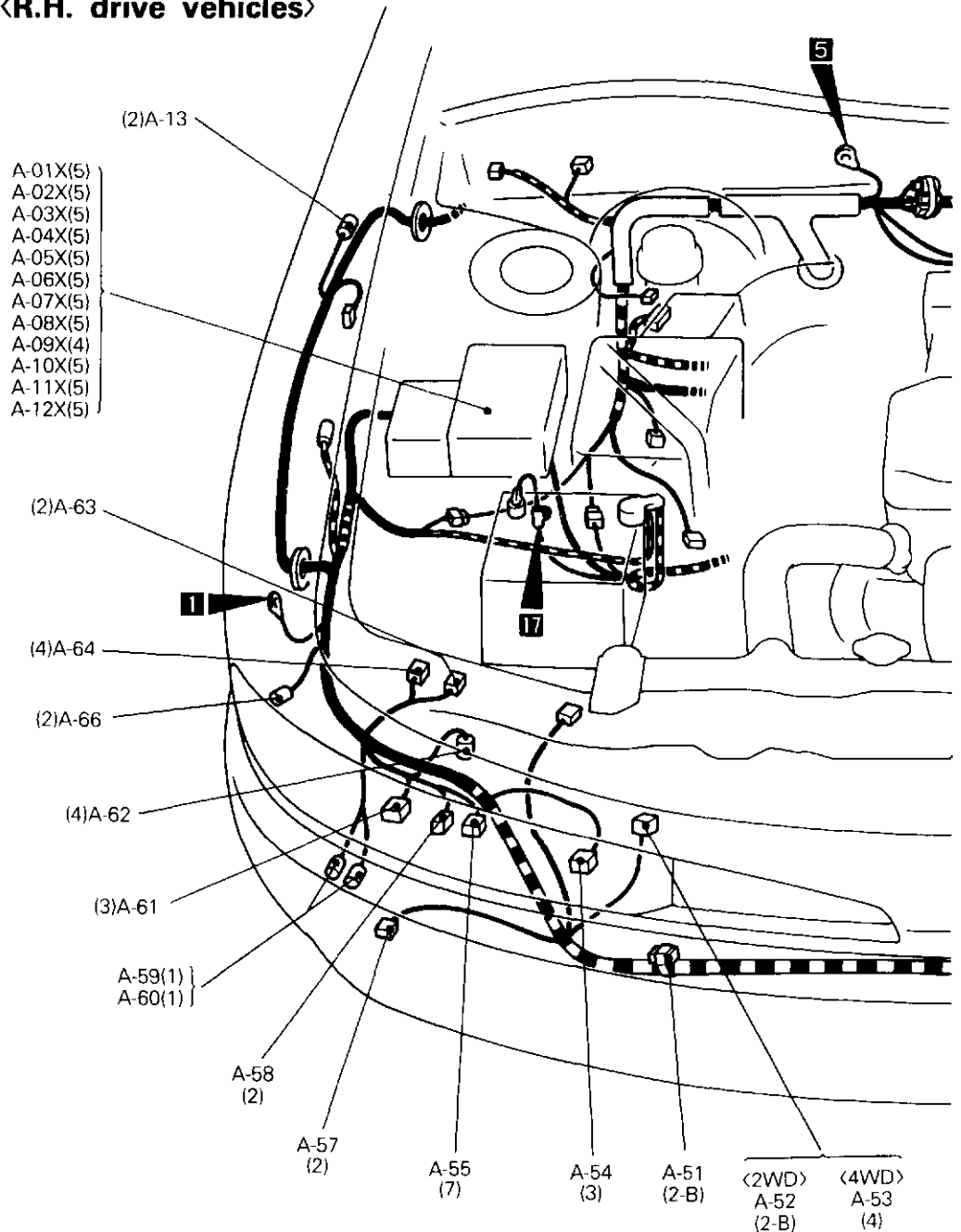
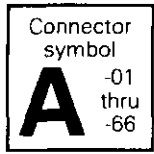
36X0074

|       |                                  |       |  |
|-------|----------------------------------|-------|--|
| A-94  | Engine speed detection connector |       |  |
| A-95  | }                                | —     |  |
| thru  |                                  |       |  |
| A-101 |                                  |       |  |
| A-102 | EGR solenoid valve               | A-117 | Pulse generator                                      |
| A-103 | Purge control solenoid valve     | A-118 | Back-up lamp switch                                  |
| A-104 | }                                | }     | —  |
| thru  |                                  |       |  |
| A-107 |                                  | A-120 | Control wiring harness and battery cable combination |
| A-108 | Brake fluid level switch         | A-121 | }  |
| A-109 | }                                | }     |  |
| thru  |                                  |       |  |
| A-116 |                                  | A-126 |  |
|       |                                  | A-127 | Speed sensor (Front: RH)                             |
|       |                                  | A-128 | Air flow sensor                                      |



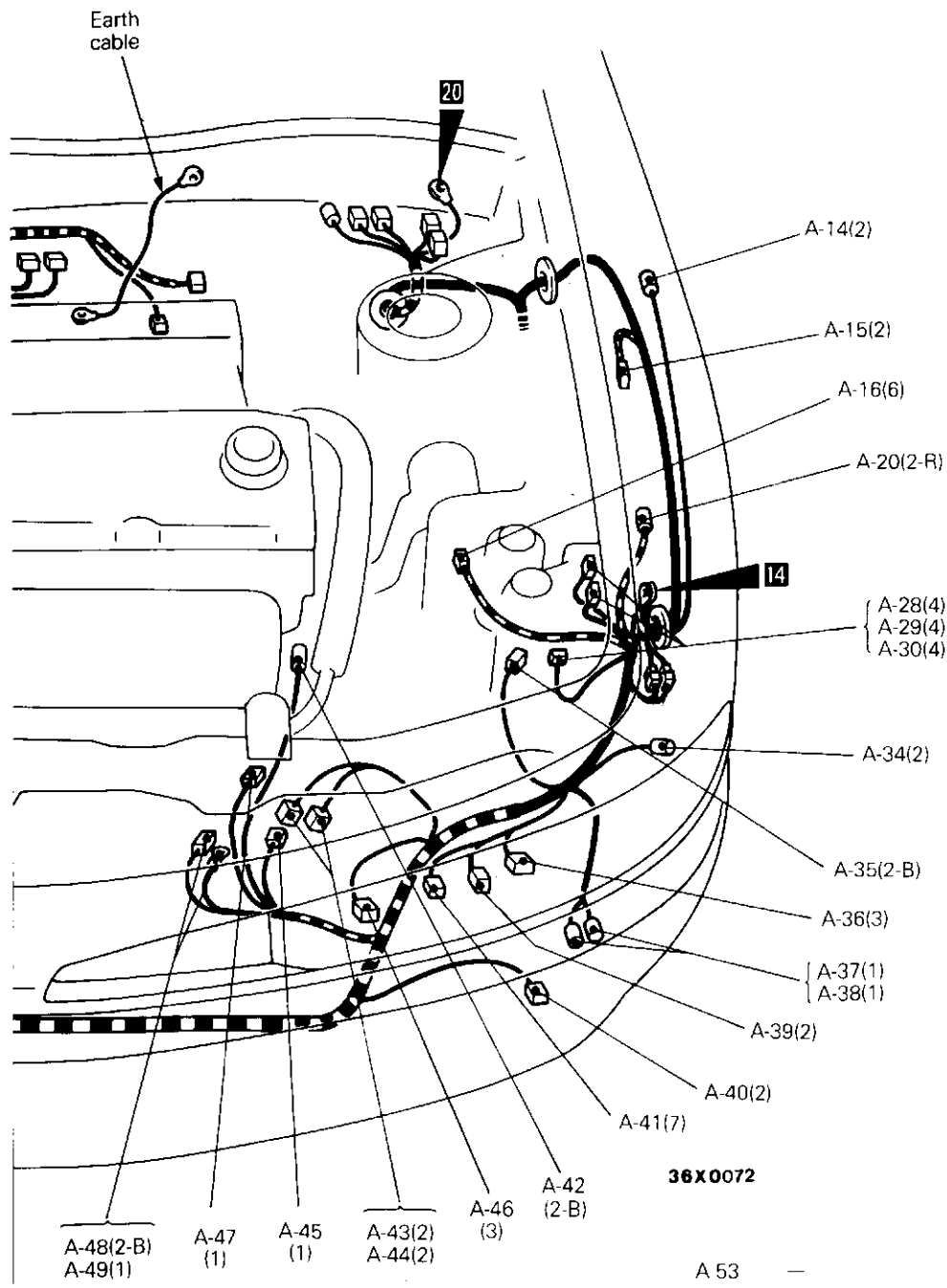
# ENGINE COMPARTMENT

4G63 SOHC-MPI <R.H. drive vehicles>



- A-01X } Refer to CENTRALIZED JUNCTION
- thru }
- A-12X }
- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 —
- A-18 —
- A-19 —
- A-20 Front impact sensor (LH)
- A-21 } —
- thru }
- A-27 }

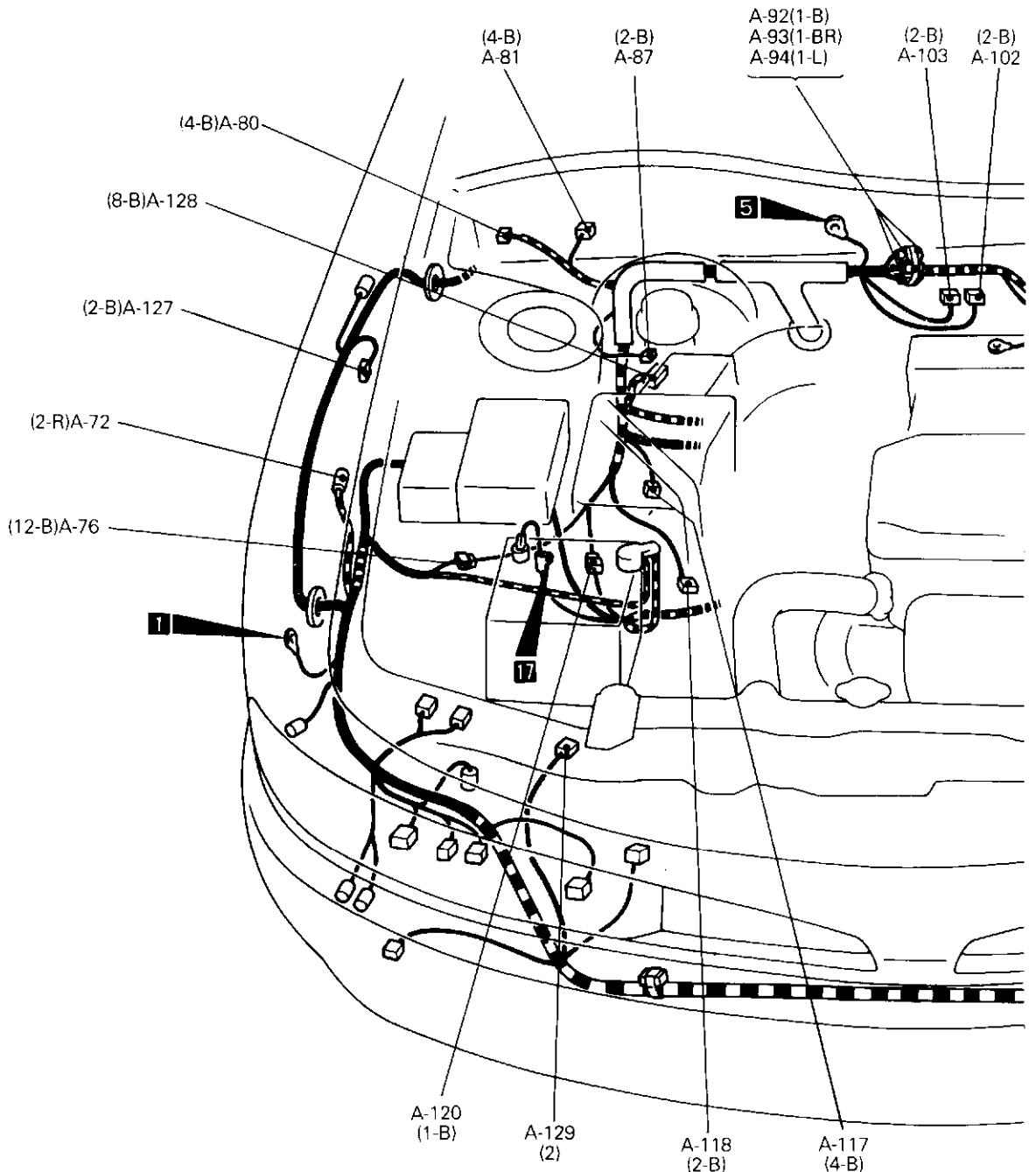
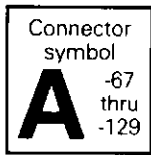
- A-28 Dim-dip lamp relay 1
- A-29 Dim-dip lamp relay 2 or jumper connector
- A-30 Dim-dip lamp relay 3 or jumper connector
- A-31 —
- A-32 —
- A-33 —
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 } Horn (LH)
- A-38 }
- A-39 Position lamp (LH)
- A-40 Front fog lamp (LH)



36X0072

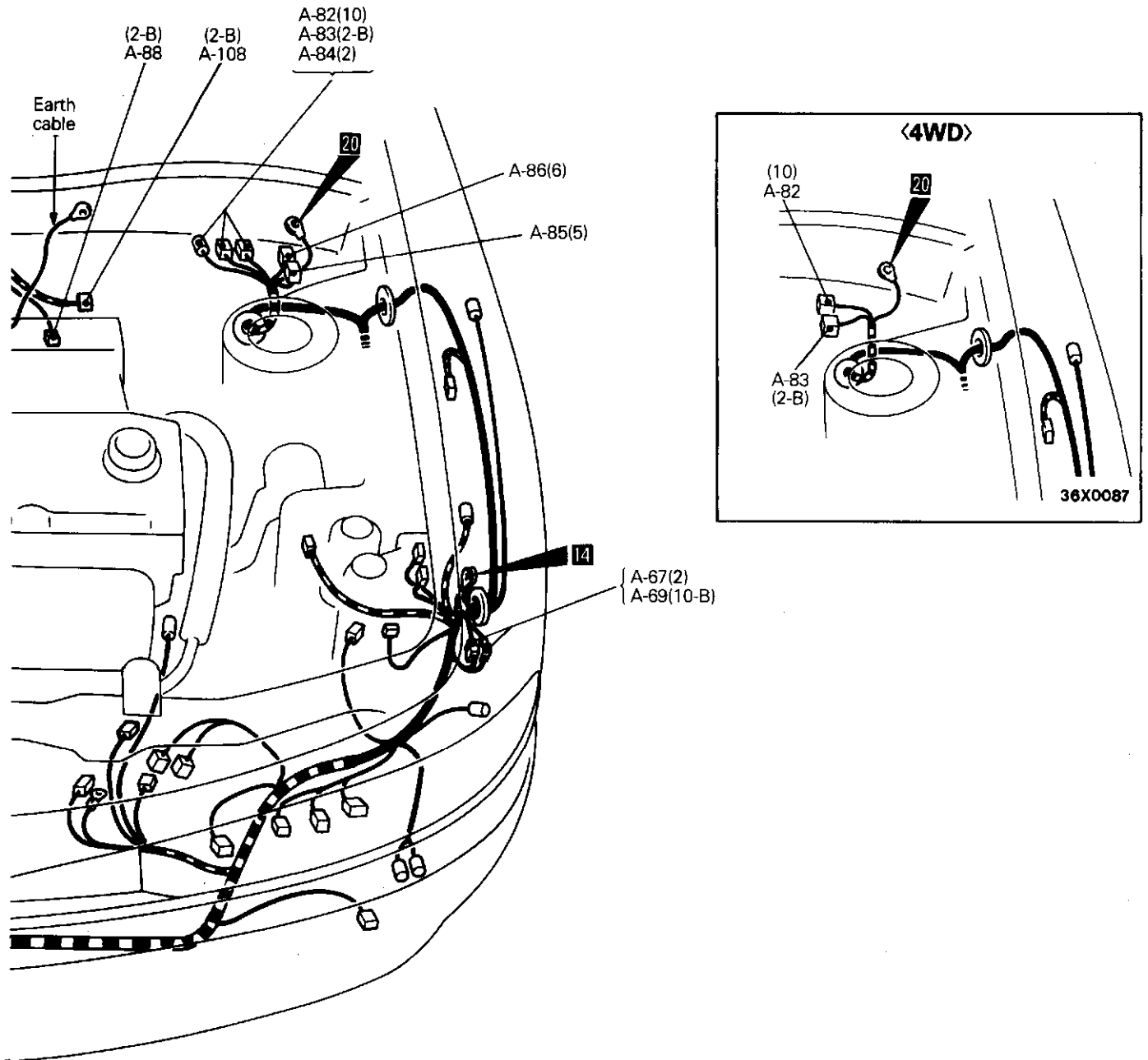
- |           |      |      |         |      |       |        |   |
|-----------|------|------|---------|------|-------|--------|---|
| A-48(2-B) | A-47 | A-45 | A-43(2) | A-46 | A-42  | A-53   | —   |
| A-49(1)   | (1)  | (1)  | A-44(2) | (3)  | (2-B) | A-54   | Headlamp (RH)   |
|           |      |      |         |      |       | A-55   | Headlamp leveling unit (RH)                           |
| A-41      |      |      |         |      |       | A-56   | —   |
| A-42      |      |      |         |      |       | A-57   | Front fog lamp (RH)                                   |
| A-43 }    |      |      |         |      |       | A-58   | Position lamp (RH)                                    |
| A-44 }    |      |      |         |      |       | A-59 } | Horn (RH)   |
| A-45      |      |      |         |      |       | A-60 } |   |
| A-46      |      |      |         |      |       | A-61   | Headlamp (RH)   |
| A-47      |      |      |         |      |       | A-62   | Triple pressure switch                                |
| A-48 }    |      |      |         |      |       | A-63   | Headlamp washer motor                                 |
| A-49 }    |      |      |         |      |       | A-64   | Washer fluid level sensor and windshield washer motor |
| A-50      |      |      |         |      |       | A-65   | —   |
| A-51      |      |      |         |      |       | A-66   | Front turn signal lamp (RH)                           |
| A-52      |      |      |         |      |       |        |   |

4G63 SOHC-MPI <R.H. drive vehicles>



- A-67 Front wiring harness and ABS wiring harness combination
- A-68 —
- A-69 Front wiring harness and ABS wiring harness combination
- A-70 —
- A-71 —
- A-72 Front impact sensor (RH)
- A-73 —
- A-74 —
- A-75 —
- A-76 Front wiring harness and control wiring harness combination
- A-77 —

- A-78 —
- A-79 —
- A-80 Vacuum pump
- A-81 Windshield wiper motor
- A-82 —
- A-83 } Hydraulic unit
- A-84 }
- A-85 Motor relay
- A-86 Valve relay
- A-87 Brake fluid level switch
- A-88 EPS solenoid valve
- A-89 —
- A-90 —



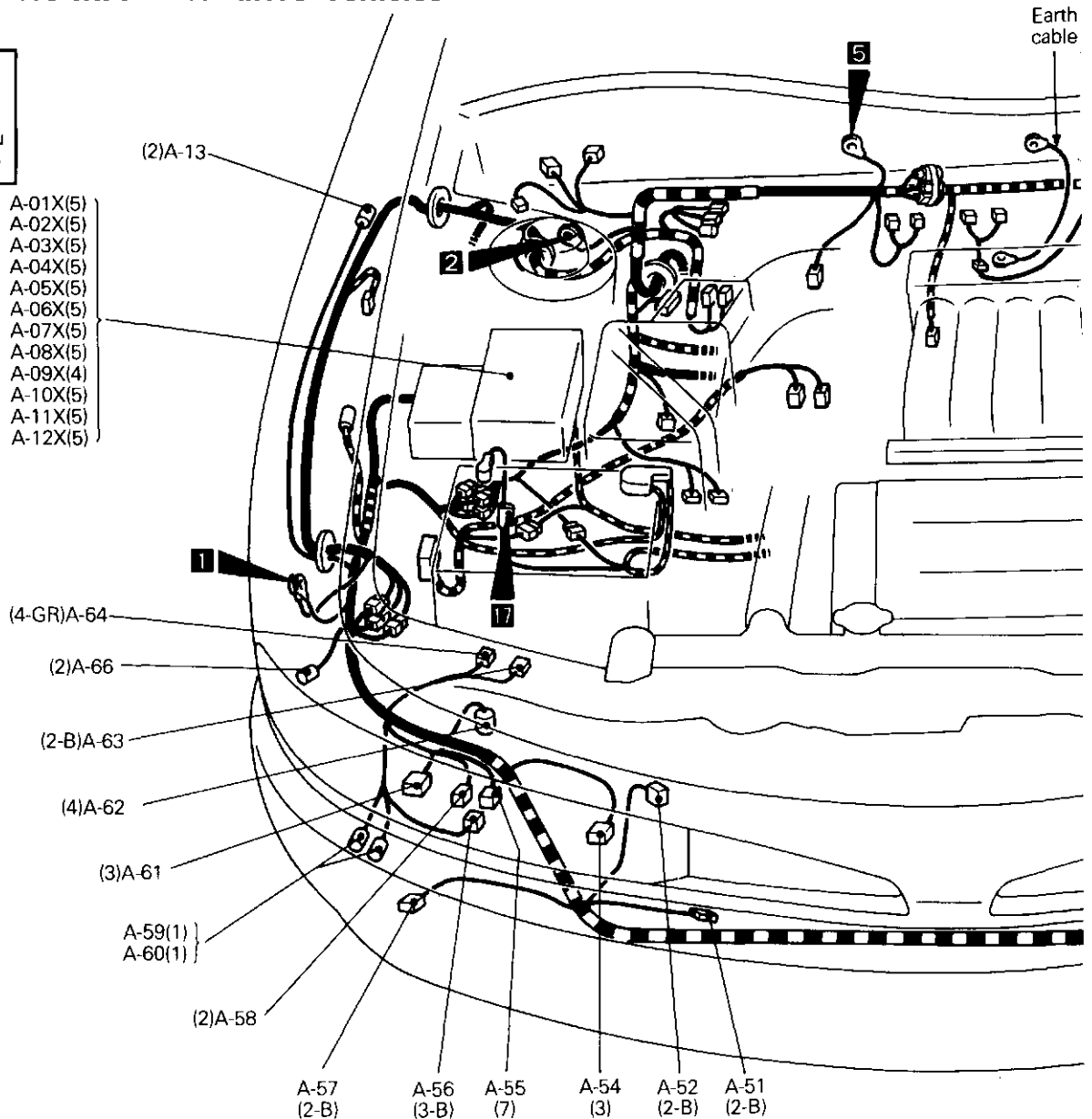
36X0072

- |       |   |       |  |
|-------|---|-------|--|
| A-91  | —   | A-109 | } —  |
| A-92  | Fuel pump check connector                 | A-116 |  |
| A-93  | Ignition timing adjustment connector      | A-117 | Pulse generator                                      |
| A-94  | Engine speed detection connector          | A-118 | Back-up lamp switch                                  |
| A-95  | } —                                       | A-119 | —  |
| thru  |   | A-120 | Control wiring harness and battery cable combination |
| A-101 | —   | A-121 | } —  |
| A-102 | EGR solenoid valve                        | A-126 |  |
| A-103 | Purge control solenoid valve              | A-127 | Speed sensor (Front: RH)                             |
| A-104 | } —                                       | A-128 | Air flow sensor                                      |
| thru  |   | A-129 | Resistor   |
| A-107 | —   |       |  |
| A-108 | Brake fluid level switch or no connection |       |  |

# ENGINE COMPARTMENT

## 6A12 DOHC-MPI <L.H. drive vehicles>

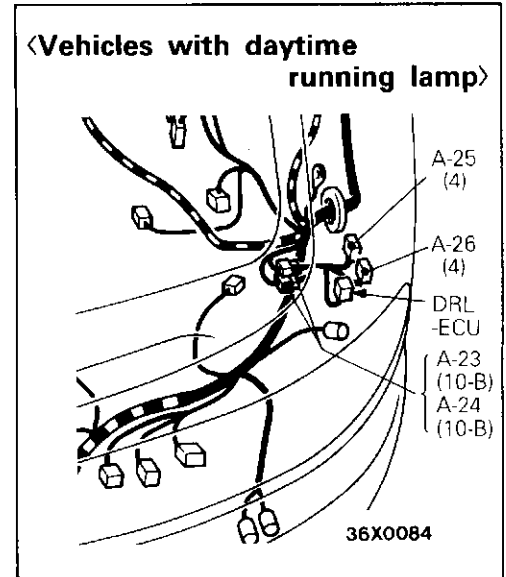
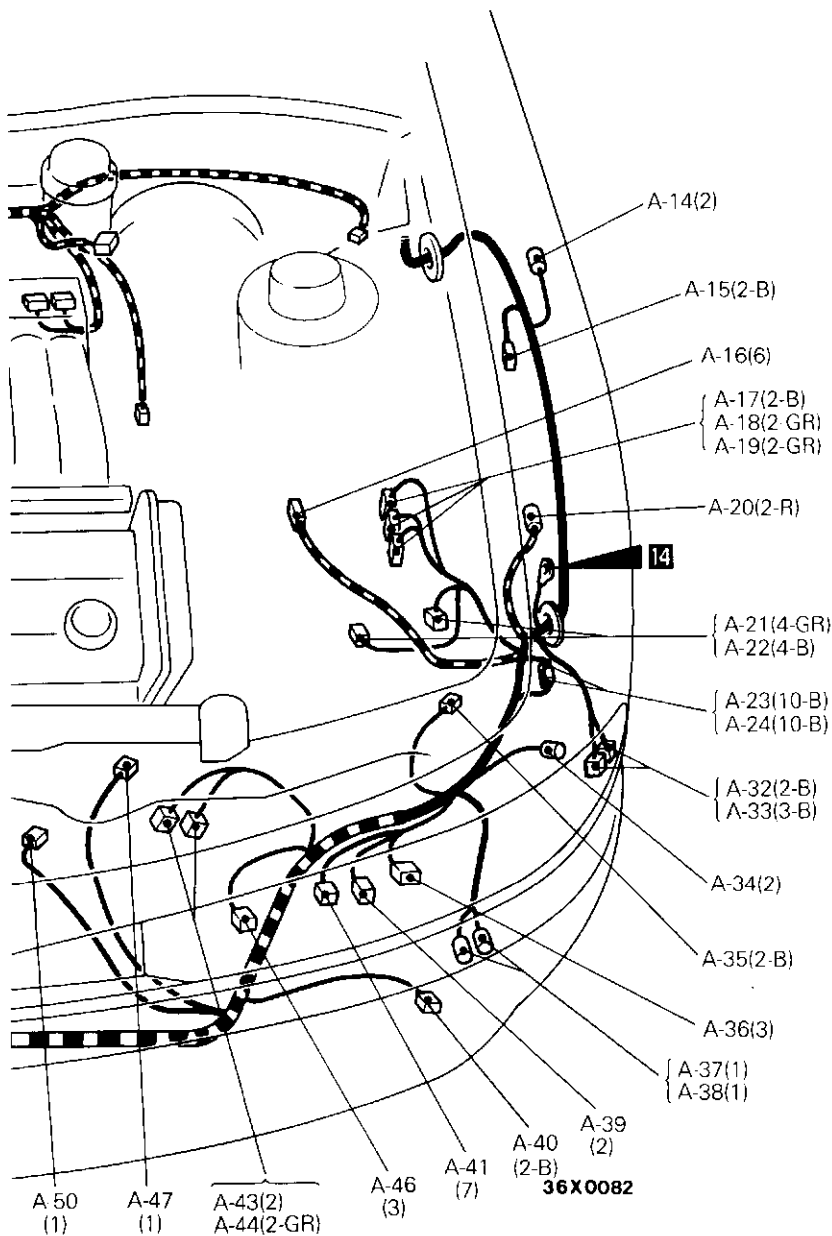
Connector symbol  
**A**  
-01  
thru  
-66



A-01X }  
thru } Refer to CENTRALIZED JUNCTION  
A-12X }

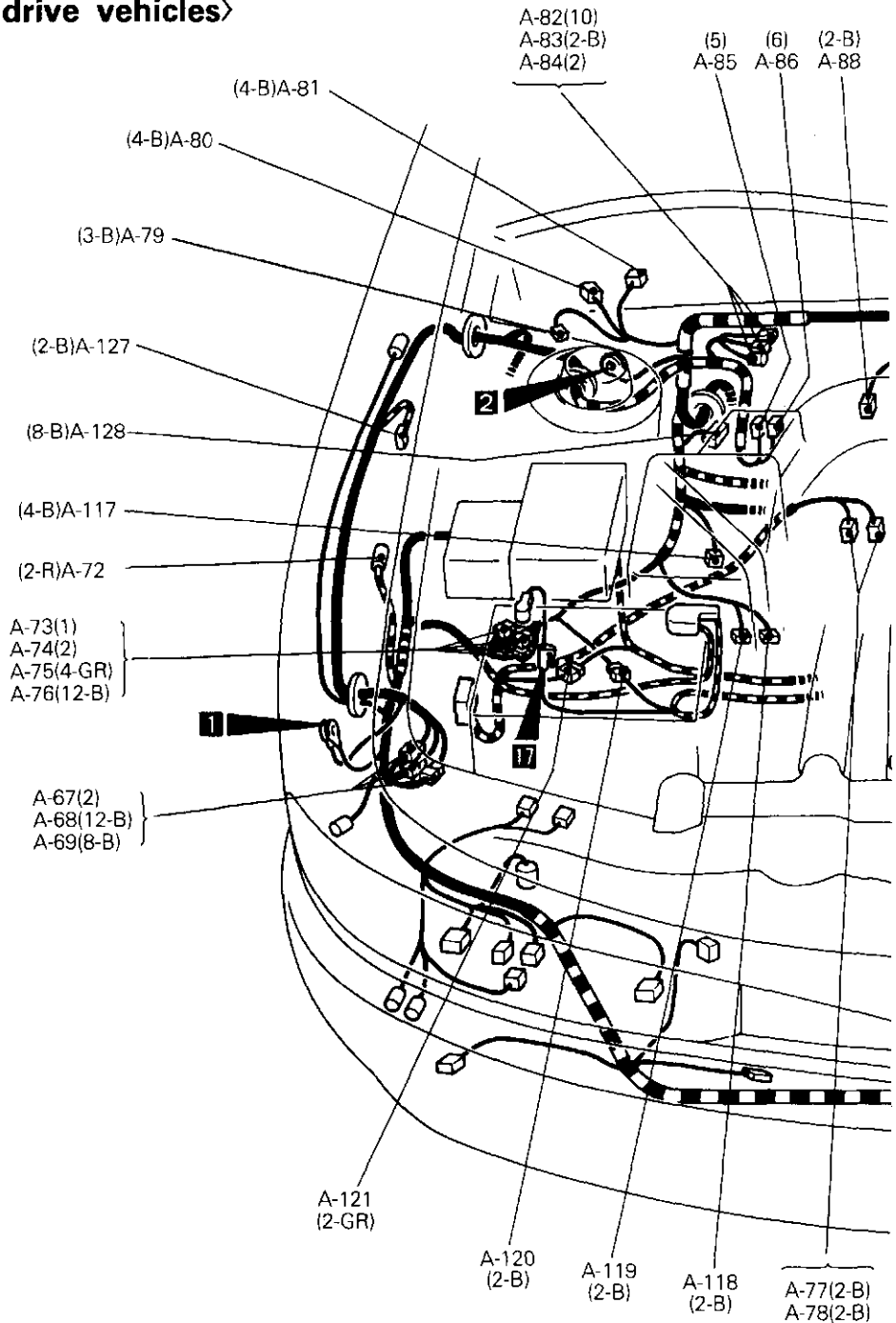
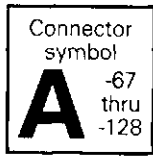
- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 Flow divider assembly
- A-18 Rear wheel control valve assembly (RH)
- A-19 Rear wheel control valve assembly (LH)
- A-20 Front impact sensor (LH)
- A-21 Flow control solenoid valve assembly
- A-22 Front solenoid valve assembly
- A-23 } Front wiring harness and daytime running lamp wiring
- A-24 } harness combination or front wiring harness joint connector

- A-25 Daytime running lamp relay (I)
- A-26 Daytime running lamp relay (II)
- A-27 }  
thru } —
- A-31 }
- A-32 Reserve tank
- A-33 Pressure switch
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 }  
A-38 } Horn (LH)



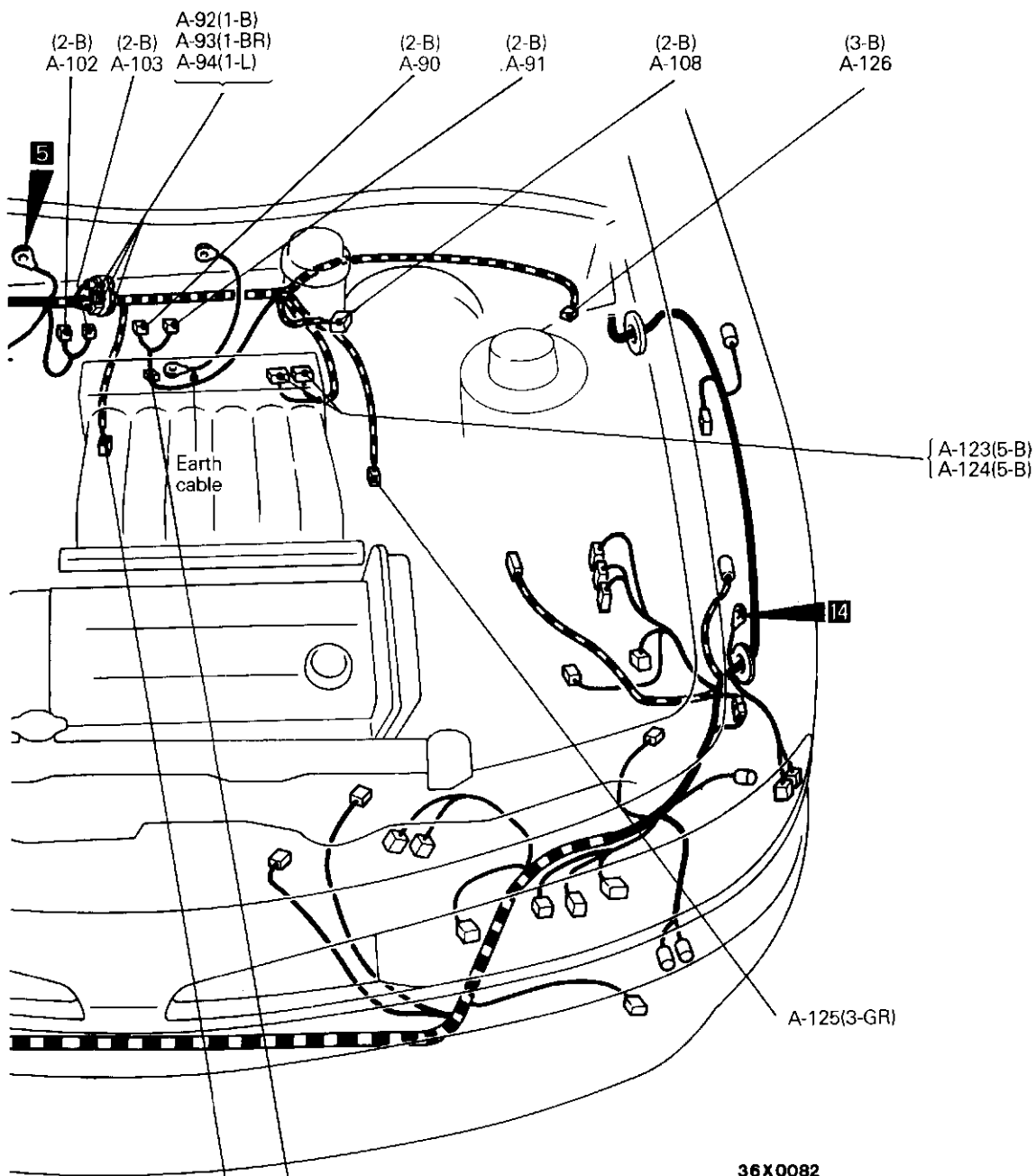
- |                  |   |                  |   |
|------------------|---|------------------|---|
| A-39             | Position lamp (LH)                          | A-54             | Headlamp (RH)   |
| A-40             | Front fog lamp (LH)                         | A-55             | Headlamp leveling unit (RH)                           |
| A-41             | Headlamp leveling unit (LH)                 | A-56             | G sensor  |
| A-42             | —   | A-57             | Front fog lamp (RH)                                   |
| A-43 }<br>A-44 } | Condenser fan motor                         | A-58             | Position lamp (RH)                                    |
| A-45             | —   | A-59 }<br>A-60 } | Horn (RH)   |
| A-46             | Headlamp (LH)                               | A-61             | Headlamp (RH)   |
| A-47             | Power steering oil pressure switch          | A-62             | Triple pressure switch                                |
| A-48             | —   | A-63             | Headlamp washer motor                                 |
| A-49             | —   | A-64             | Washer fluid level sensor and windshield washer motor |
| A-50             | A/C compressor and magnetic clutch assembly | A-65             | —   |
| A-51             | Outside thermometer sensor                  | A-66             | Front turn signal lamp (RH)                           |
| A-52             | Radiator fan motor                          |                  |   |
| A-53             | —   |                  |   |

6A12 DOHC-MPI <L.H. drive vehicles>



- A-67 } Front wiring harness and ABS wiring harness combination
- A-68 }
- A-69 }
- A-70 —
- A-71 —
- A-72 Front impact sensor (RH)
- A-73 } Front wiring harness and control wiring harness combination
- thru }
- A-76 }
- A-77 Air compressor
- A-78 Exhaust solenoid valve
- A-79 Shock absorber (Front: RH)
- A-80 Vacuum pump
- A-81 Windshield wiper motor

- A-82 } Hydraulic unit
- A-83 }
- A-84 }
- A-85 Motor relay
- A-86 Valve relay
- A-87 —
- A-88 EPS solenoid valve
- A-89 Solenoid valve assembly
- A-90 Ventilation solenoid valve
- A-91 Vacuum solenoid valve
- A-92 Fuel pump check connector
- A-93 Ignition timing adjustment connector
- A-94 Engine speed detection connector



36X0082

A-95 }  
 thru } -  
 A-101 }

A-102 EGR solenoid valve  
 A-103 Purge control solenoid valve  
 A-104 TCL valve  
 A-105 -  
 A-106 -  
 A-107 -

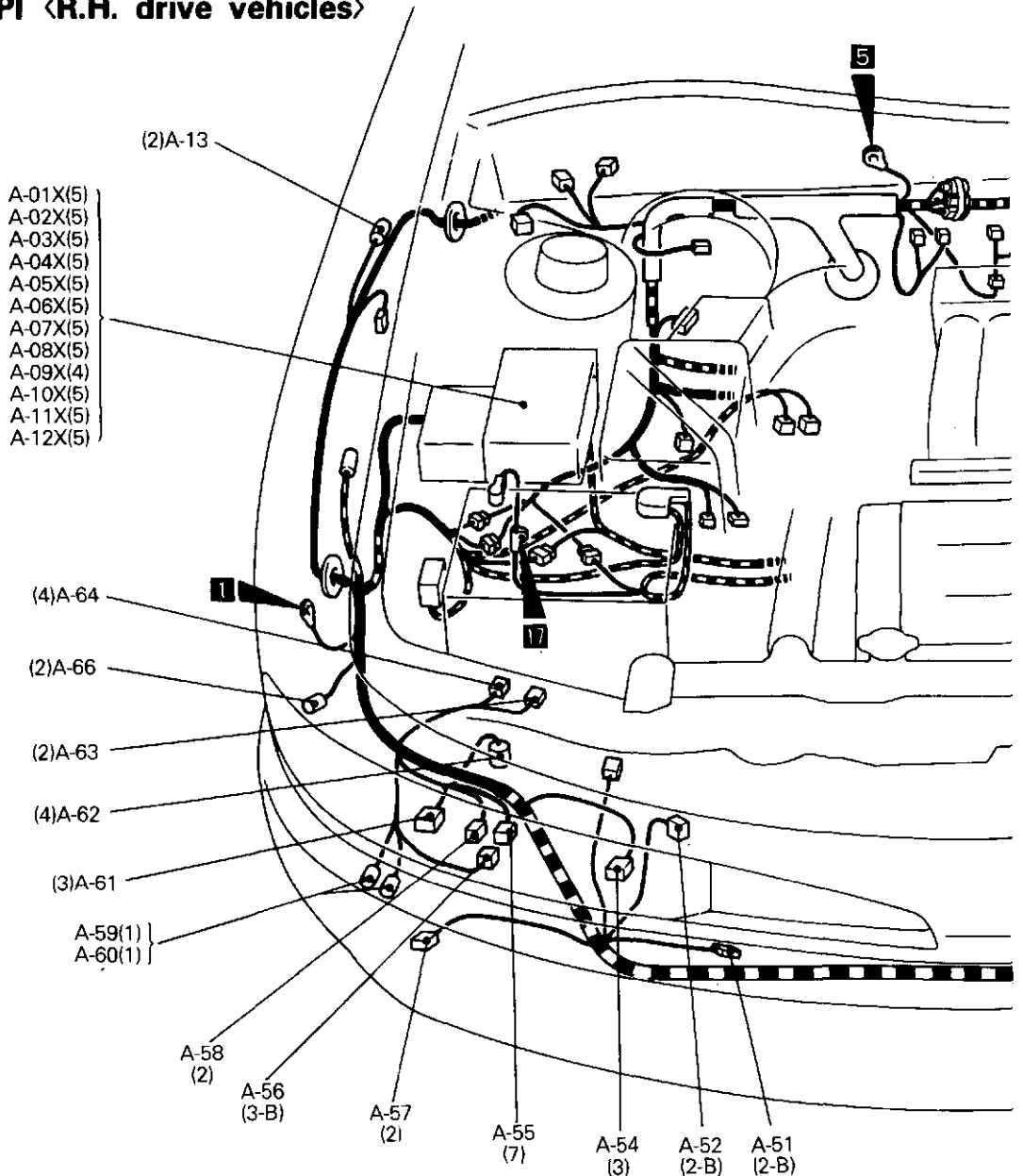
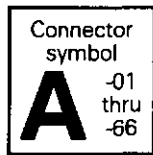
A-108 Brake fluid level switch  
 A-109 }  
 thru } -  
 A-116 }

A-117 Pulse generator  
 A-118 Back-up lamp switch  
 A-119 First detection switch  
 A-120 Control wiring harness and battery cable combination  
 A-121 Front wiring harness and injector wiring harness combination  
 A-122 -  
 A-123 Return pump relay  
 A-124 Compressor relay  
 A-125 Front stroke sensor  
 A-126 Shock absorber (Front: LH)  
 A-127 Speed sensor (Front: RH)  
 A-128 Air flow sensor



# ENGINE COMPARTMENT

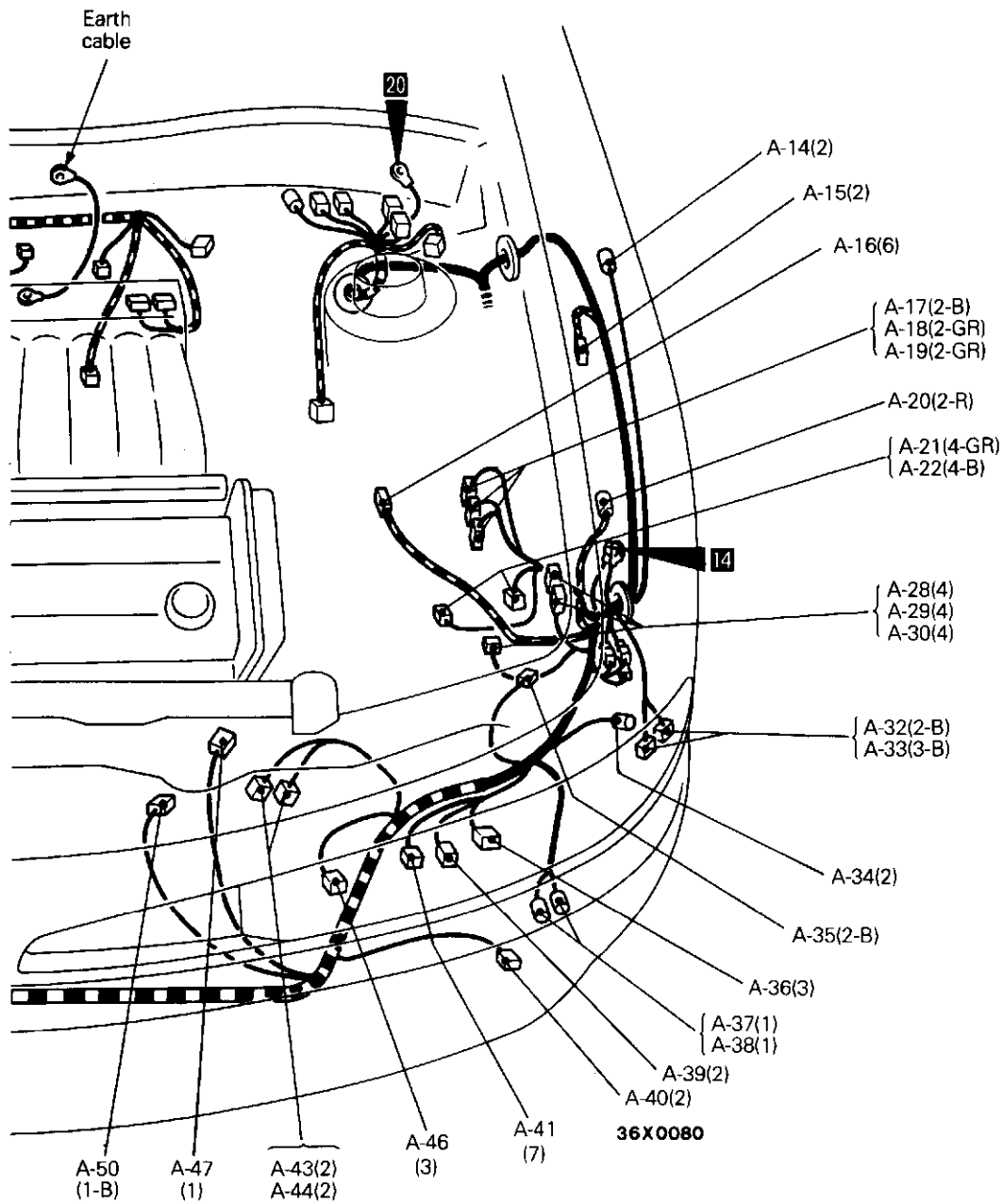
6A12 DOHC-MPI <R.H. drive vehicles>



A-01X }  
thru } Refer to CENTRALIZED JUNCTION  
A-12X }

- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 Flow divider assembly
- A-18 Rear wheel control valve assembly (RH)
- A-19 Rear wheel control valve assembly (LH)
- A-20 Front impact sensor (LH)
- A-21 Flow control solenoid valve assembly
- A-22 Front solenoid valve assembly
- A-23 }  
thru } —  
A-27 }

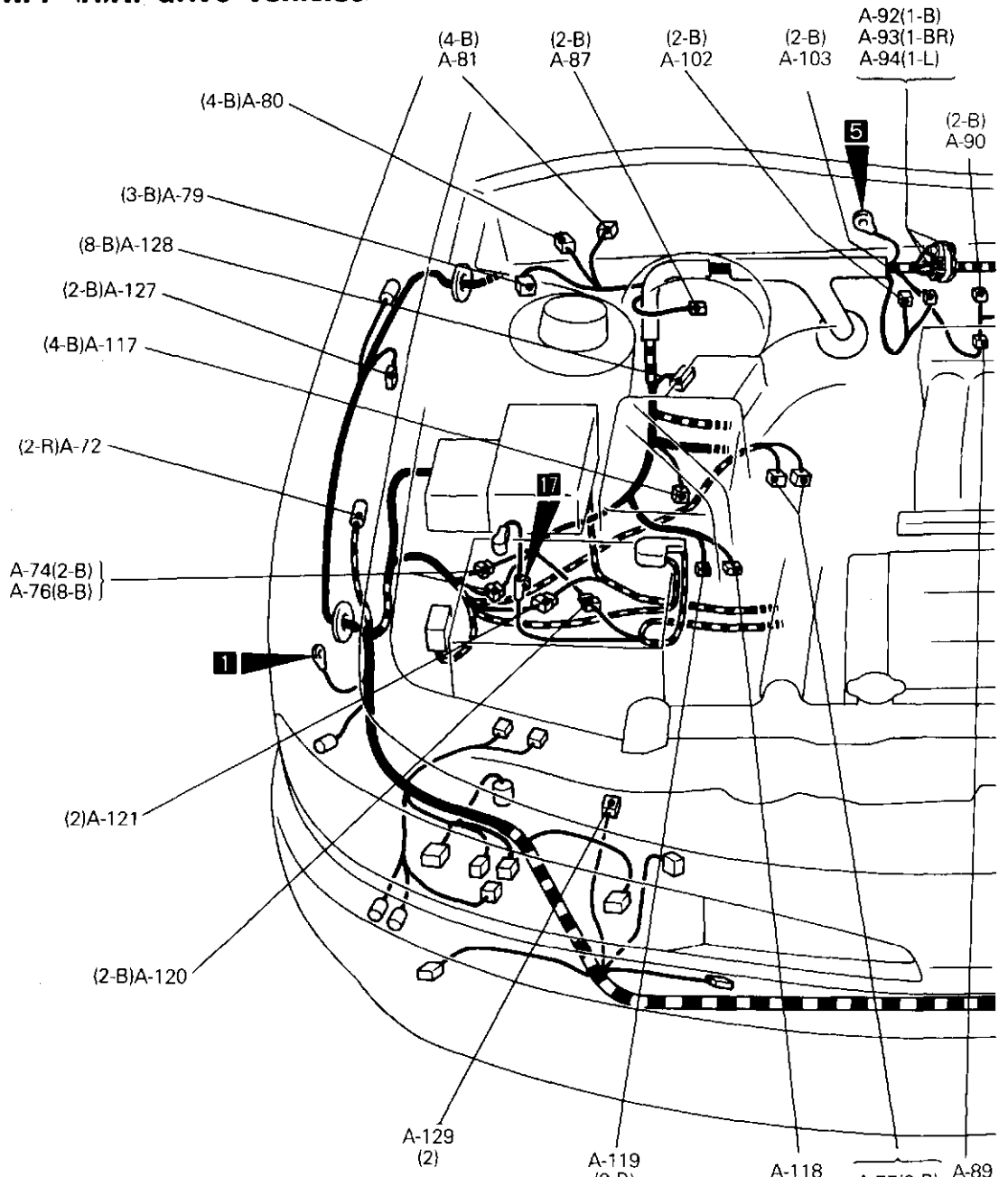
- A-28 Dim-dip lamp relay 1
- A-29 Dim-dip lamp relay 2 or jumper connector
- A-30 Dim-dip lamp relay 3 or jumper connector
- A-31 —
- A-32 Reserve tank
- A-33 Pressure switch
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 }  
A-38 } Horn (LH)
- A-39 Position lamp (LH)



- |                  |   |                  |   |
|------------------|---|------------------|---|
| A-40             | Front fog lamp (LH)                         | A-54             | Headlamp (RH)   |
| A-41             | Headlamp leveling unit (LH)                 | A-55             | Headlamp leveling unit (RH)                           |
| A-42             | —   | A-56             | G sensor  |
| A-43 }<br>A-44 } | Condenser fan motor                         | A-57             | Front fog lamp (RH)                                   |
| A-45             | —   | A-58             | Position lamp (RH)                                    |
| A-46             | Headlamp (LH)                               | A-59 }<br>A-60 } | Horn (RH)   |
| A-47             | Power steering oil pressure switch          | A-61             | Headlamp (RH)   |
| A-48             | —   | A-62             | Triple pressure switch                                |
| A-49             | —   | A-63             | Headlamp washer motor                                 |
| A-50             | A/C compressor and magnetic clutch assembly | A-64             | Washer fluid level sensor and windshield washer motor |
| A-51             | Outside thermometer sensor                  | A-65             | —   |
| A-52             | Radiator fan motor                          | A-66             | Front turn signal lamp (RH)                           |
| A-53             | —   |                  |   |

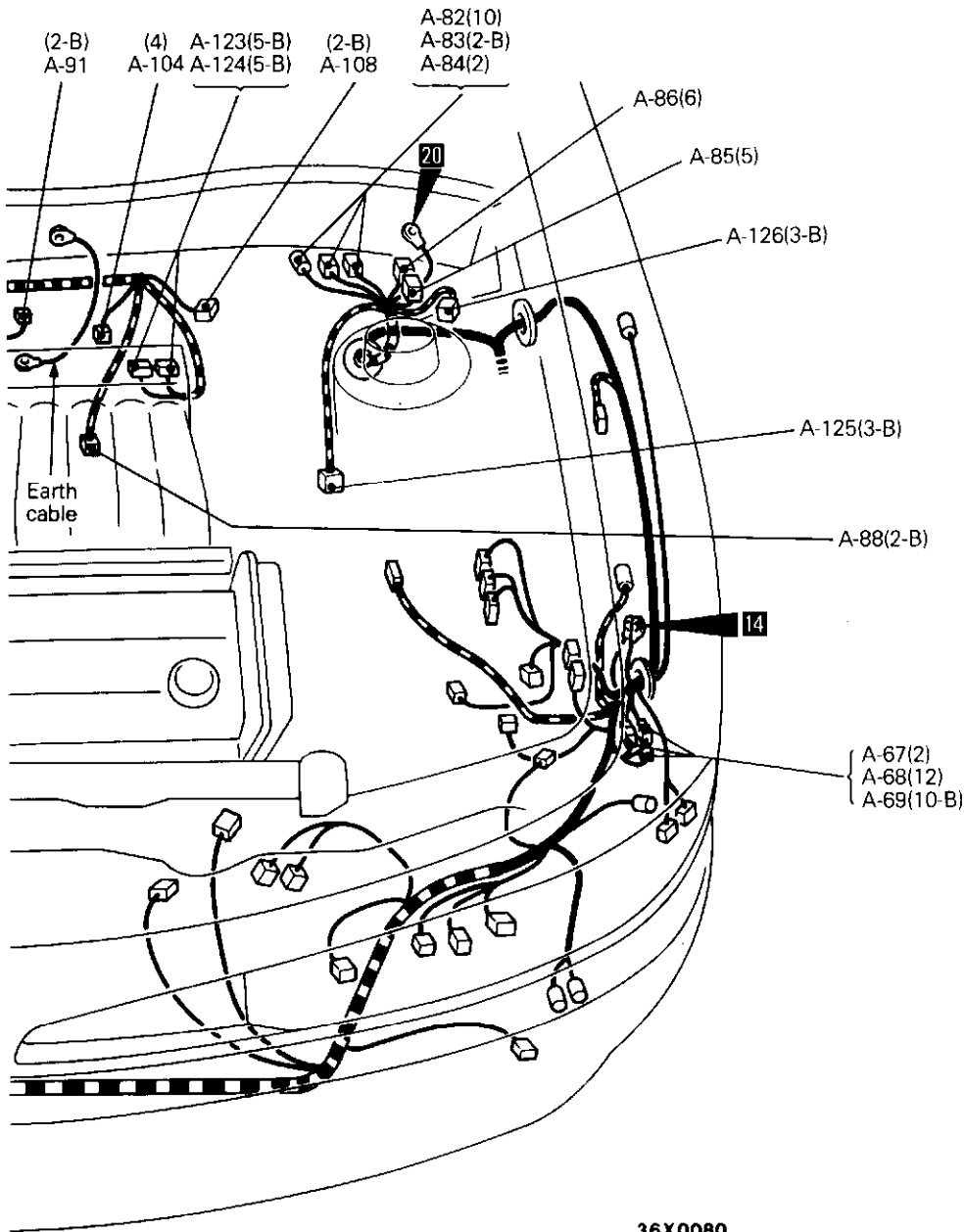
6A12 DOHC-MPI <R.H. drive vehicles>

Connector symbol  
**A** -67 thru -129



- A-67 } Front wiring harness and ABS wiring harness combination
- A-68 }
- A-69 }
- A-70 —
- A-71 —
- A-72 Front impact sensor (RH)
- A-73 —
- A-74 Front wiring harness and control wiring harness combination
- A-75 —
- A-76 Front wiring harness and control wiring harness combination
- A-77 Air compressor
- A-78 Exhaust solenoid valve
- A-79 Shock absorber (Front: RH)

- A-80 Vacuum pump
- A-81 Windshield wiper motor
- A-82 } Hydraulic unit
- A-83 }
- A-84 }
- A-85 Motor relay
- A-86 Valve relay
- A-87 Brake fluid level switch
- A-88 EPS solenoid valve
- A-89 Solenoid valve assembly
- A-90 Ventilation solenoid valve
- A-91 Vacuum solenoid valve
- A-92 Fuel pump check connector
- A-93 Ignition timing adjustment connector



A-94 Engine speed detection connector  
 A-95 }  
 thru } -  
 A-101 }  
 A-102 EGR solenoid valve  
 A-103 Purge control solenoid valve  
 A-104 TCL valve  
 A-105 -  
 A-106 -  
 A-107 -  
 A-108 Brake fluid level switch or no connection  
 A-109 }  
 thru } -  
 A-116 }

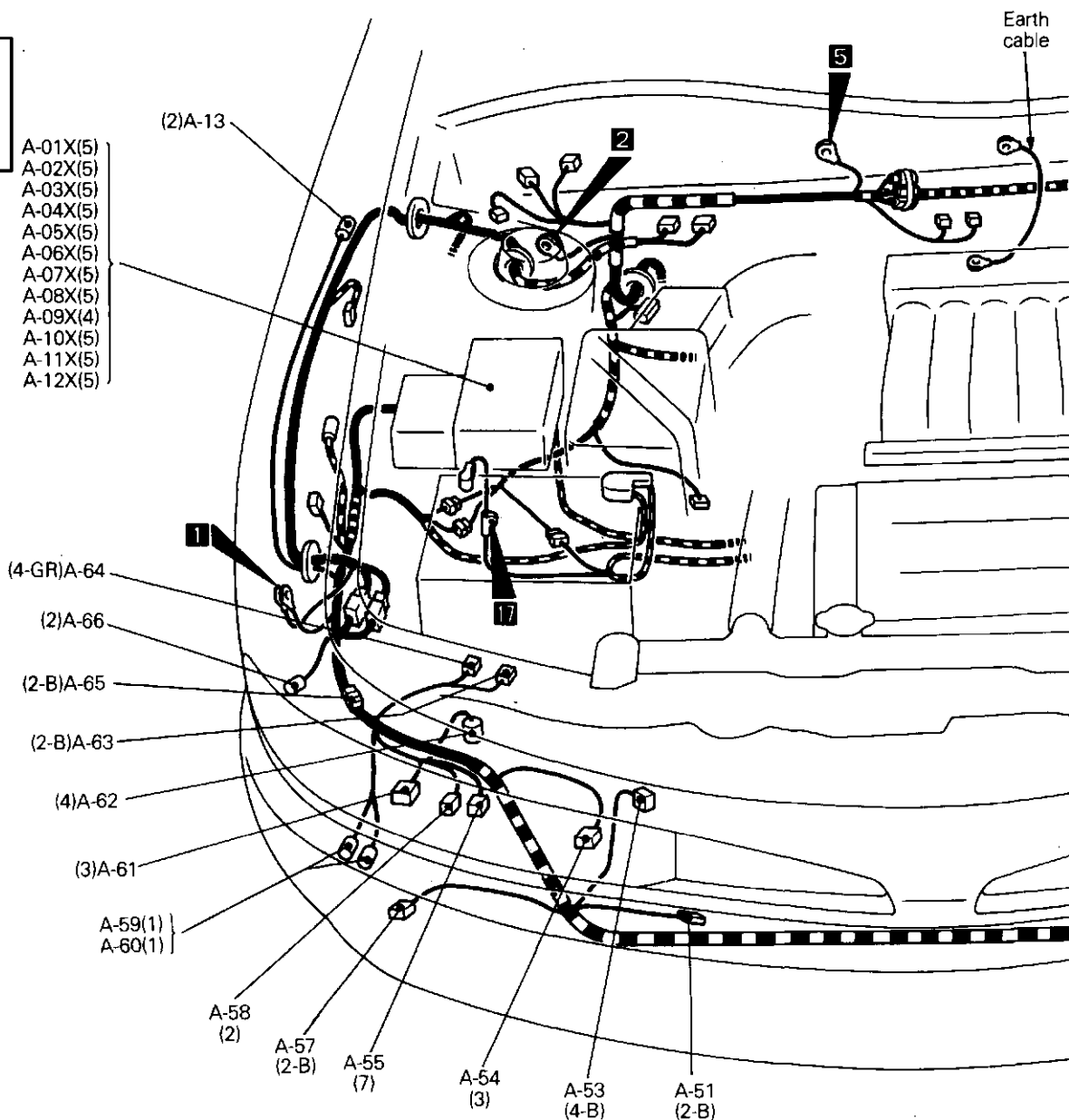
A-117 Pulse generator  
 A-118 Back-up lamp switch  
 A-119 First detection switch  
 A-120 Control wiring harness and battery cable combination  
 A-121 Front wiring harness and injector wiring harness combination  
 A-122 -  
 A-123 Return pump relay  
 A-124 Compressor relay  
 A-125 Front stroke sensor  
 A-126 Shock absorber (Front: LH)  
 A-127 Speed sensor (Front: RH)  
 A-128 Air flow sensor  
 A-129 Resistor

# ENGINE COMPARTMENT

6G73 DOHC-MPI <L.H. drive vehicles>

Connector symbol  
**A** -01. thru -66

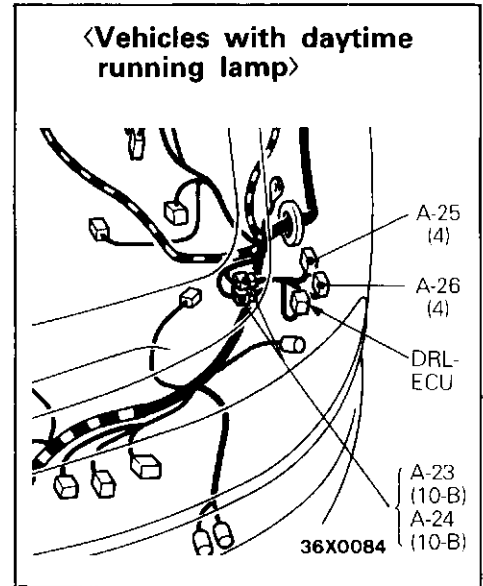
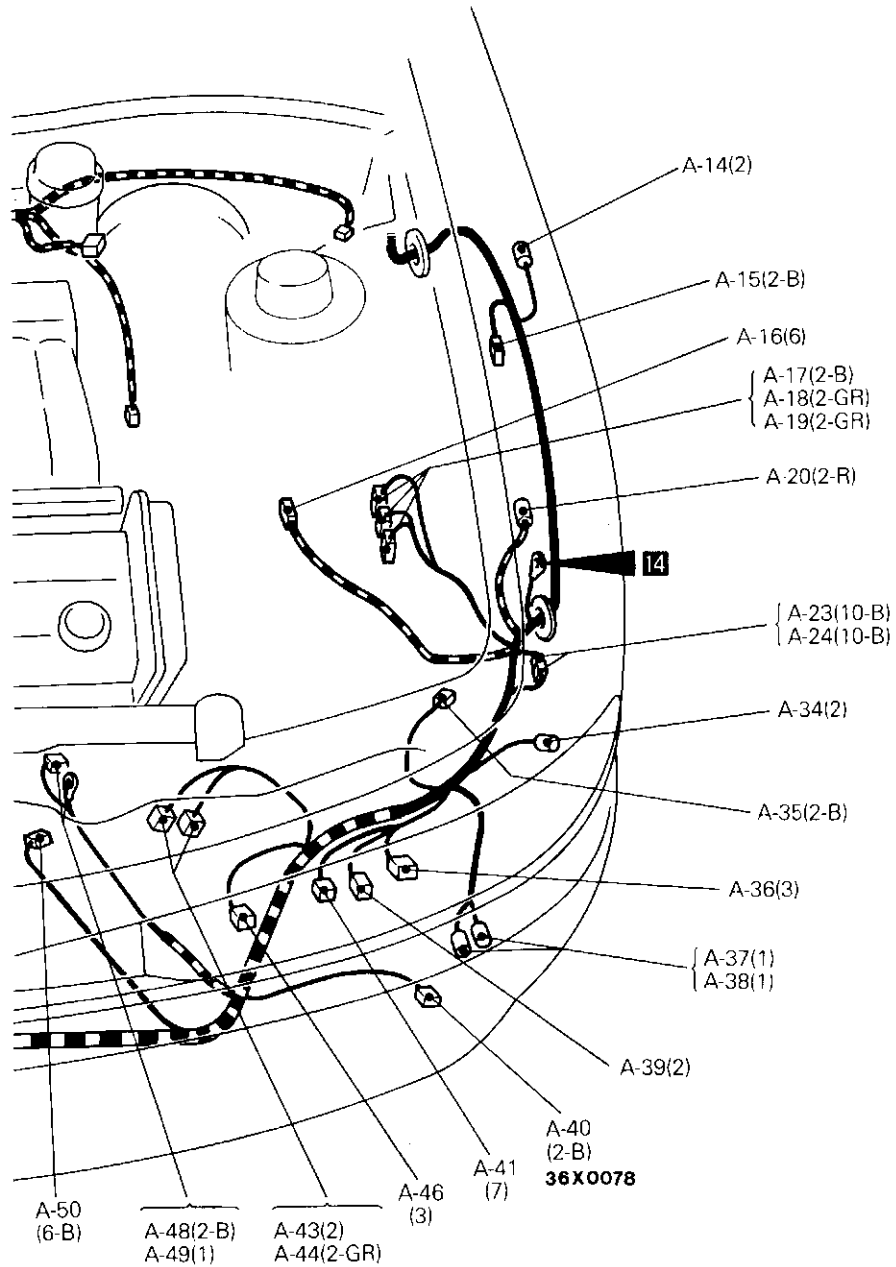
- A-01X(5)
- A-02X(5)
- A-03X(5)
- A-04X(5)
- A-05X(5)
- A-06X(5)
- A-07X(5)
- A-08X(5)
- A-09X(4)
- A-10X(5)
- A-11X(5)
- A-12X(5)



A-01X } Refer to CENTRALIZED JUNCTION  
 thru }  
 A-12X }

- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 Flow divider assembly
- A-18 Rear wheel control valve assembly (RH)
- A-19 Rear wheel control valve assembly (LH)
- A-20 Front impact sensor (LH)
- A-21 —
- A-22 —
- A-23 } Front wiring harness and daytime running lamp wiring
- A-24 } harness combination or front wiring harness joint connector

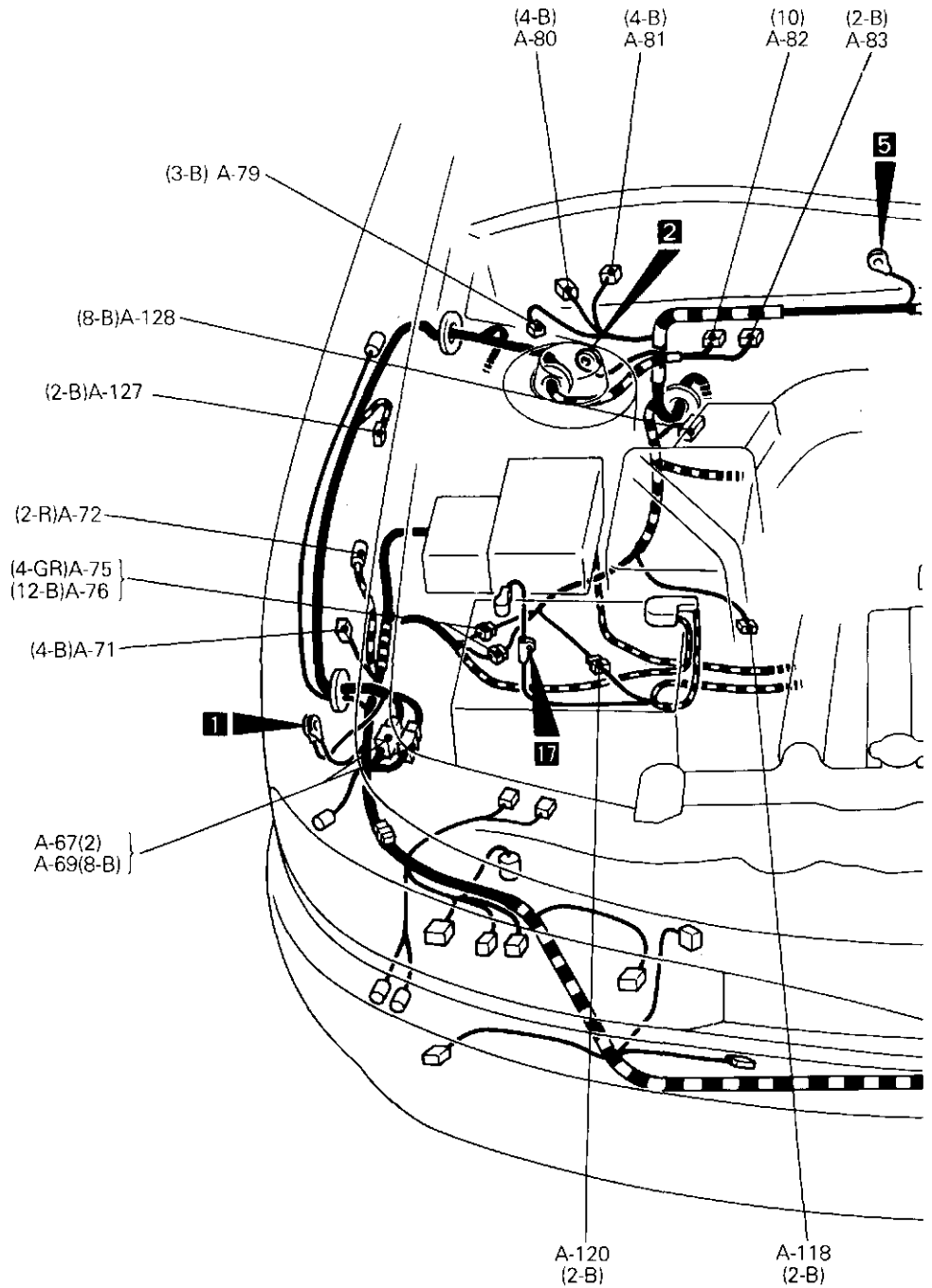
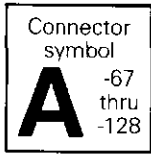
- A-25 Daytime running lamp relay (I)
- A-26 Daytime running lamp relay (II)
- A-27 } —
- thru }
- A-33 } —
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 } Horn (LH)
- A-38 }
- A-39 Position lamp (LH)
- A-40 Front fog lamp (LH)



- A-41 Headlamp leveling unit (LH)
- A-42 —
- A-43 } Condenser fan motor
- A-44 }
- A-45 —
- A-46 Headlamp (LH)
- A-47 —
- A-48 } Alternator
- A-49 }
- A-50 A/C compressor and magnetic clutch assembly
- A-51 Outside thermometer sensor
- A-52 —
- A-53 Radiator fan motor

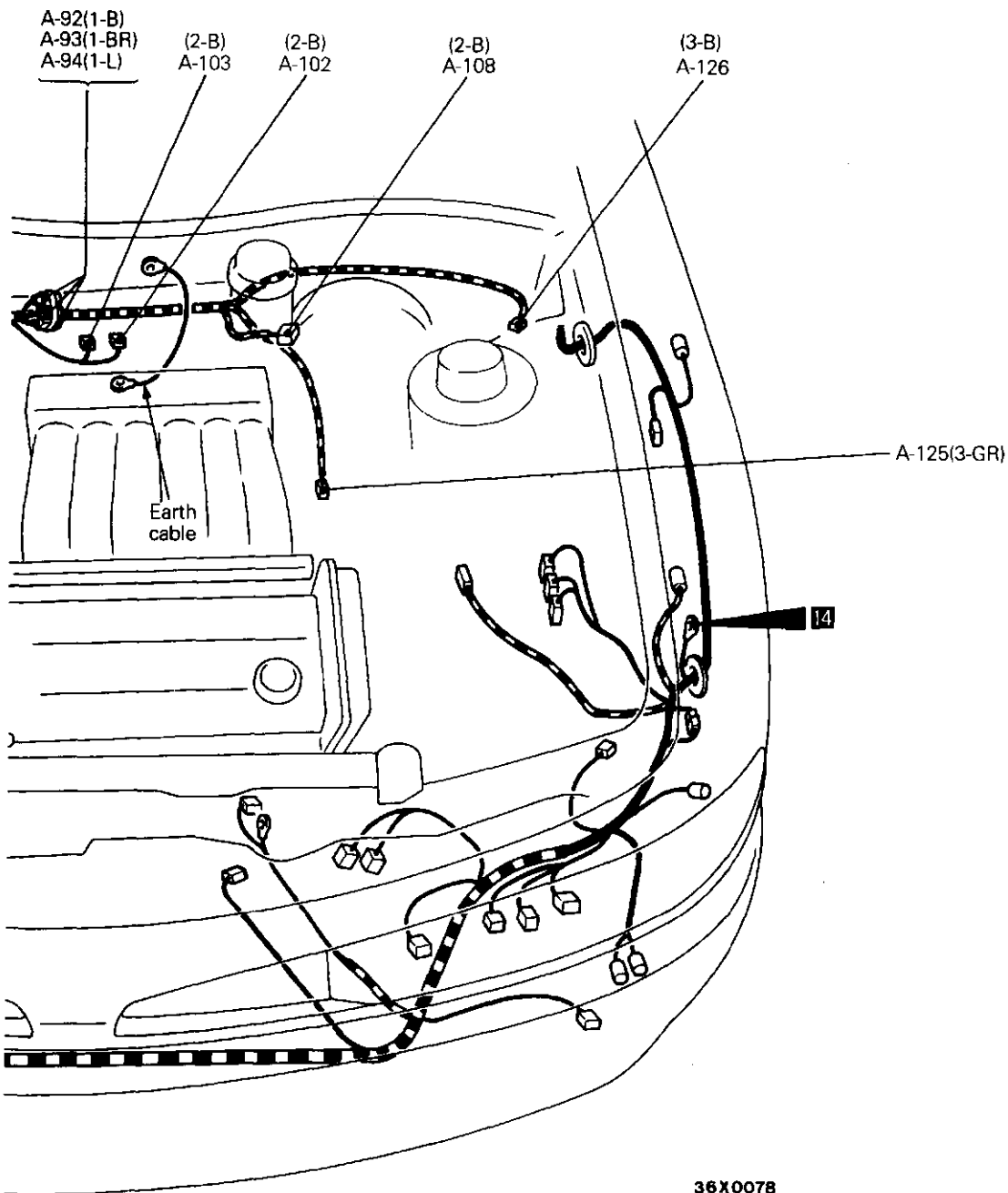
- A-54 Headlamp (RH)
- A-55 Headlamp leveling unit (RH)
- A-56 —
- A-57 Front fog lamp (RH)
- A-58 Position lamp (RH)
- A-59 } Horn (RH)
- A-60 }
- A-61 Headlamp (RH)
- A-62 Triple pressure switch
- A-63 Headlamp washer motor
- A-64 Washer fluid level sensor and windshield washer motor
- A-65 No connection
- A-66 Front turn signal lamp (RH)

6G73 DOHC-MPI <L.H. drive vehicles>



- A-67 Front wiring harness and ABS wiring harness combination
- A-68 —
- A-69 Front wiring harness and ABS wiring harness combination
- A-70 —
- A-71 No connection
- A-72 Front impact sensor (RH)
- A-73 —
- A-74 —
- A-75 } Front wiring harness and control wiring harness combination
- A-76 }

- A-77 —
- A-78 —
- A-79 Shock absorber (Front: RH)
- A-80 Vacuum pump
- A-81 Windshield wiper motor
- A-82 } Hydraulic unit
- A-83 }
- A-84 } —
- thru }
- A-91 }
- A-92 Fuel pump check connector
- A-93 Ignition timing adjustment connector



36X0078

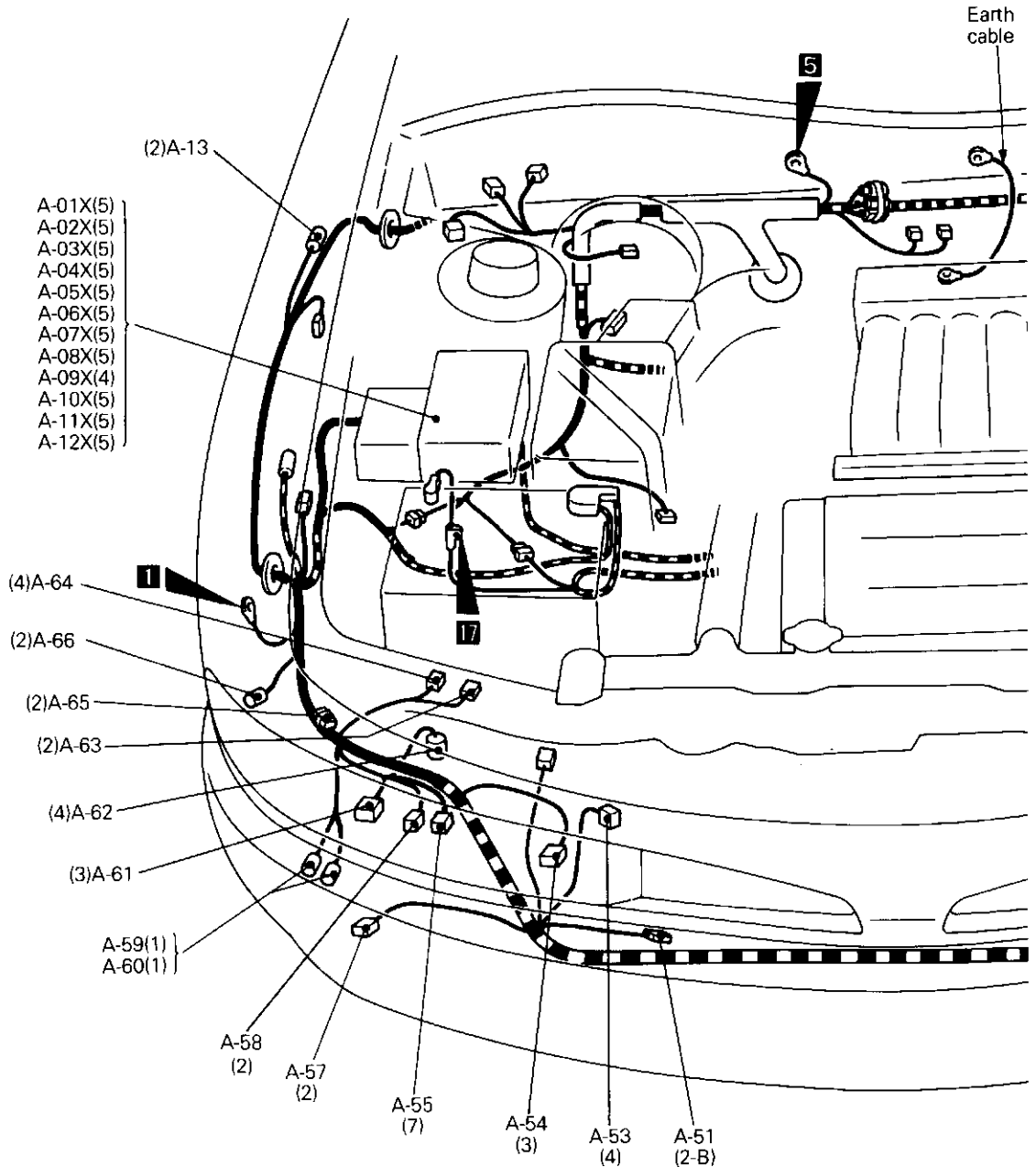
- |       |                                  |   |       |  |
|-------|----------------------------------|---|-------|--|
| A-94  | Engine speed detection connector |   |       |  |
| A-95  | }                                | - | A-118 | Back-up lamp switch                                  |
| thru  |                                  |   | A-119 | -  |
| A-101 |                                  |   | A-120 | Control wiring harness and battery cable combination |
| A-102 | EGR solenoid valve               |   | A-121 | }  |
| A-103 | Purge control solenoid valve     |   | thru  |  |
| A-104 |                                  |   | A-124 |  |
| thru  |                                  |   | A-125 | Front stroke sensor                                  |
| A-107 |                                  |   | A-126 | Shock absorber (Front: LH)                           |
| A-108 | Brake fluid level switch         |   | A-127 | Speed sensor (Front: RH)                             |
| A-109 |                                  |   | A-128 | Air flow sensor                                      |
| thru  |                                  |   |       |  |
| A-117 |                                  |   |       |  |



# ENGINE COMPARTMENT

6G73 DOHC-MPI <R.H. drive vehicles>

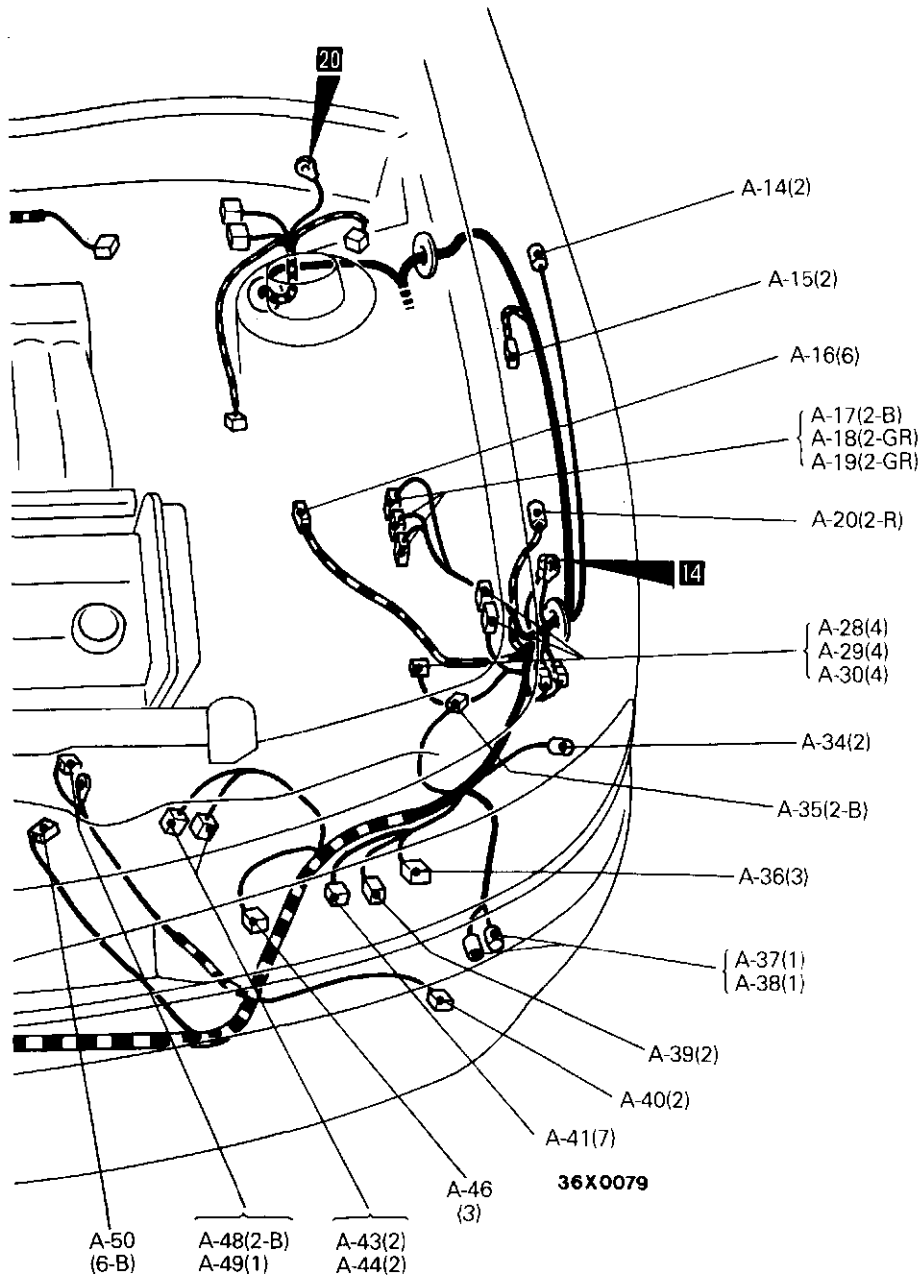
Connector symbol  
**A** -01 thru -66



A-01X }  
 thru } Refer to CENTRALIZED JUNCTION  
 A-12X }

- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 Flow divider assembly
- A-18 Rear wheel control valve assembly (RH)
- A-19 Rear wheel control valve assembly (LH)
- A-20 Front impact sensor (LH)
- A-21 }  
 thru } —  
 A-27 }

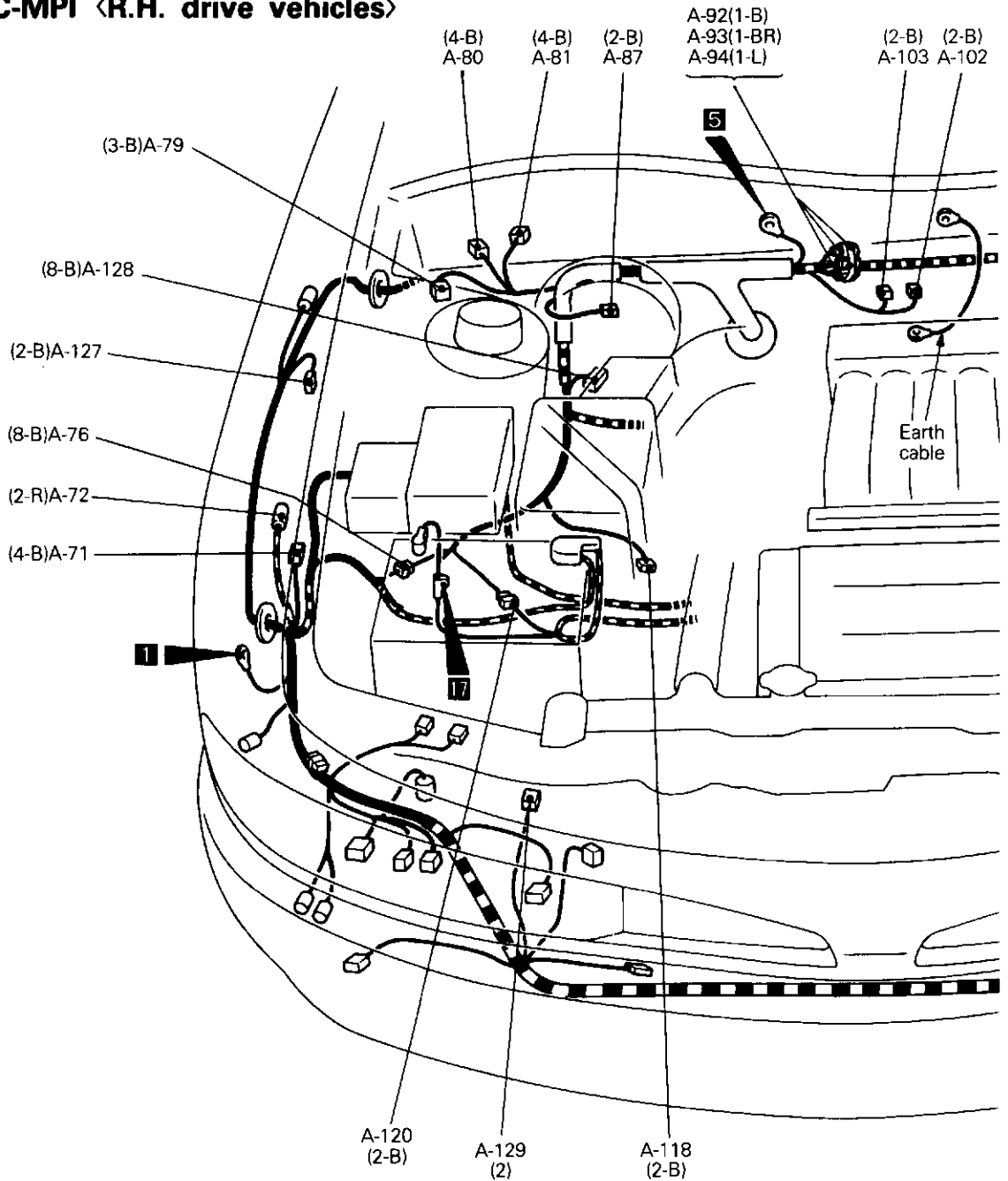
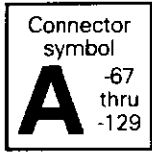
- A-28 Dim-dip lamp relay 1
- A-29 Dim-dip lamp relay 2 or jumper connector
- A-30 Dim-dip lamp relay 3 or jumper connector
- A-31 —
- A-32 —
- A-33 —
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 }  
 A-38 } Horn (LH)
- A-39 Position lamp (LH)
- A-40 Front fog lamp (LH)
- A-41 Headlamp leveling unit (LH)



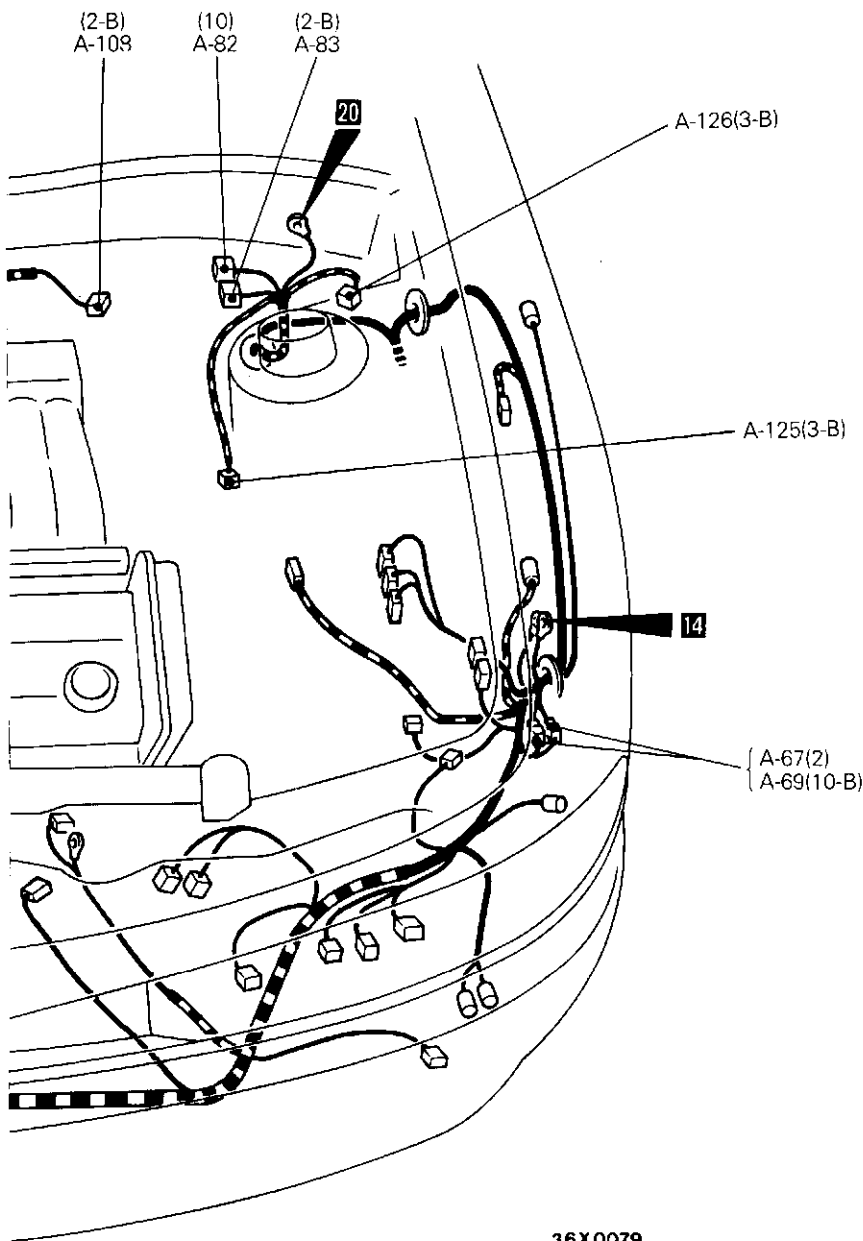
- A-42 —
- A-43 } Condenser fan motor
- A-44 }
- A-45 —
- A-46 Headlamp (LH)
- A-47 —
- A-48 } Alternator
- A-49 }
- A-50 A/C compressor and magnetic clutch assembly
- A-51 Outside thermometer sensor
- A-52 —
- A-53 Radiator fan motor
- A-54 Headlamp (RH)

- A-55 Headlamp leveling unit (RH)
- A-56 —
- A-57 Front fog lamp (RH)
- A-58 Position lamp (RH)
- A-59 } Horn (RH)
- A-60 }
- A-61 Headlamp (RH)
- A-62 Triple pressure switch
- A-63 Headlamp washer motor
- A-64 Washer fluid level sensor and windshield washer motor
- A-65 No connection
- A-66 Front turn signal lamp (RH)

6G73 DOHC-MPI <R.H. drive vehicles>



|      |   |                  |                            |
|------|---|------------------|----------------------------|
| A-67 | Front wiring harness and ABS wiring harness combination     | A-78             | —                          |
| A-68 | —   | A-79             | Shock absorber (Front: RH) |
| A-69 | Front wiring harness and ABS wiring harness combination     | A-80             | Vacuum pump                |
| A-70 | —   | A-81             | Windshield wiper motor     |
| A-71 | No connection   | A-82 }<br>A-83 } | Hydraulic unit             |
| A-72 | Front impact sensor (RH)                                    | A-84             | —                          |
| A-73 | —   | A-85             | —                          |
| A-74 | —   | A-86             | —                          |
| A-75 | —   | A-87             | Brake fluid level switch   |
| A-76 | Front wiring harness and control wiring harness combination | A-88 }<br>A-91 } | —                          |
| A-77 | —   | A-92             | Fuel pump check connector  |

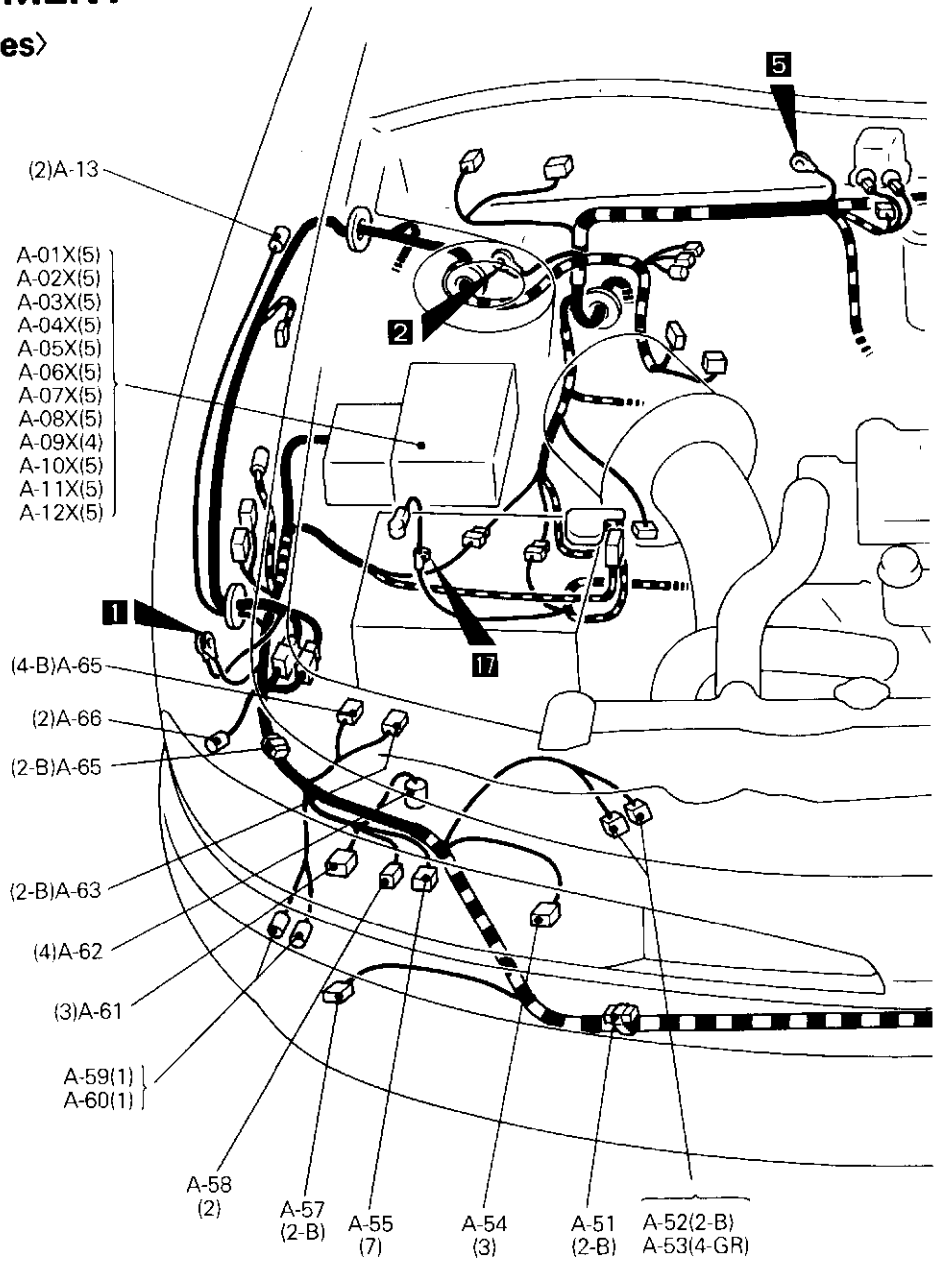
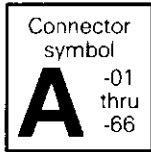


36X0079

|       |                                      |   |  |
|-------|--------------------------------------|---|--|
| A-93  | Ignition timing adjustment connector | A-118                                     | Back-up lamp switch                                  |
| A-94  | Engine speed detection connector     | A-119                                     | —  |
| A-95  | —                                    | A-120                                     | Control wiring harness and battery cable combination |
| thru  |                                      | A-121                                     | —  |
| A-101 | EGR solenoid valve                   | A-124                                     |  |
| A-102 |                                      | A-125                                     | Front stroke sensor                                  |
| A-103 | Purge control solenoid valve         | A-126                                     | Shock absorber (Front: LH)                           |
| A-104 | —                                    | A-127                                     | Speed sensor (Front: RH)                             |
| thru  |                                      | A-128                                     | Air flow sensor                                      |
| A-107 | —                                    | A-129                                     | Resistor   |
| A-108 |                                      | Brake fluid level switch or no connection |  |
| A-109 | —                                    |   |  |
| thru  |                                      |   |  |
| A-117 |                                      |   |  |

# ENGINE COMPARTMENT

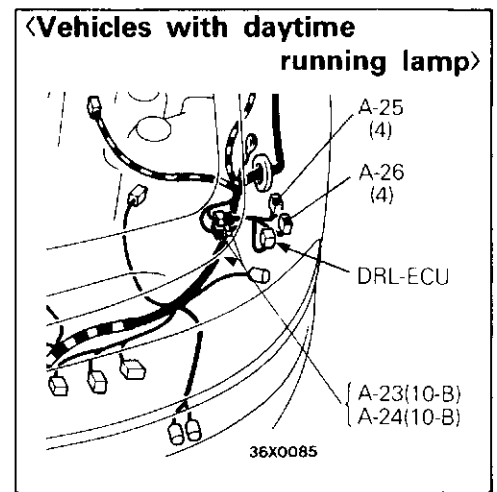
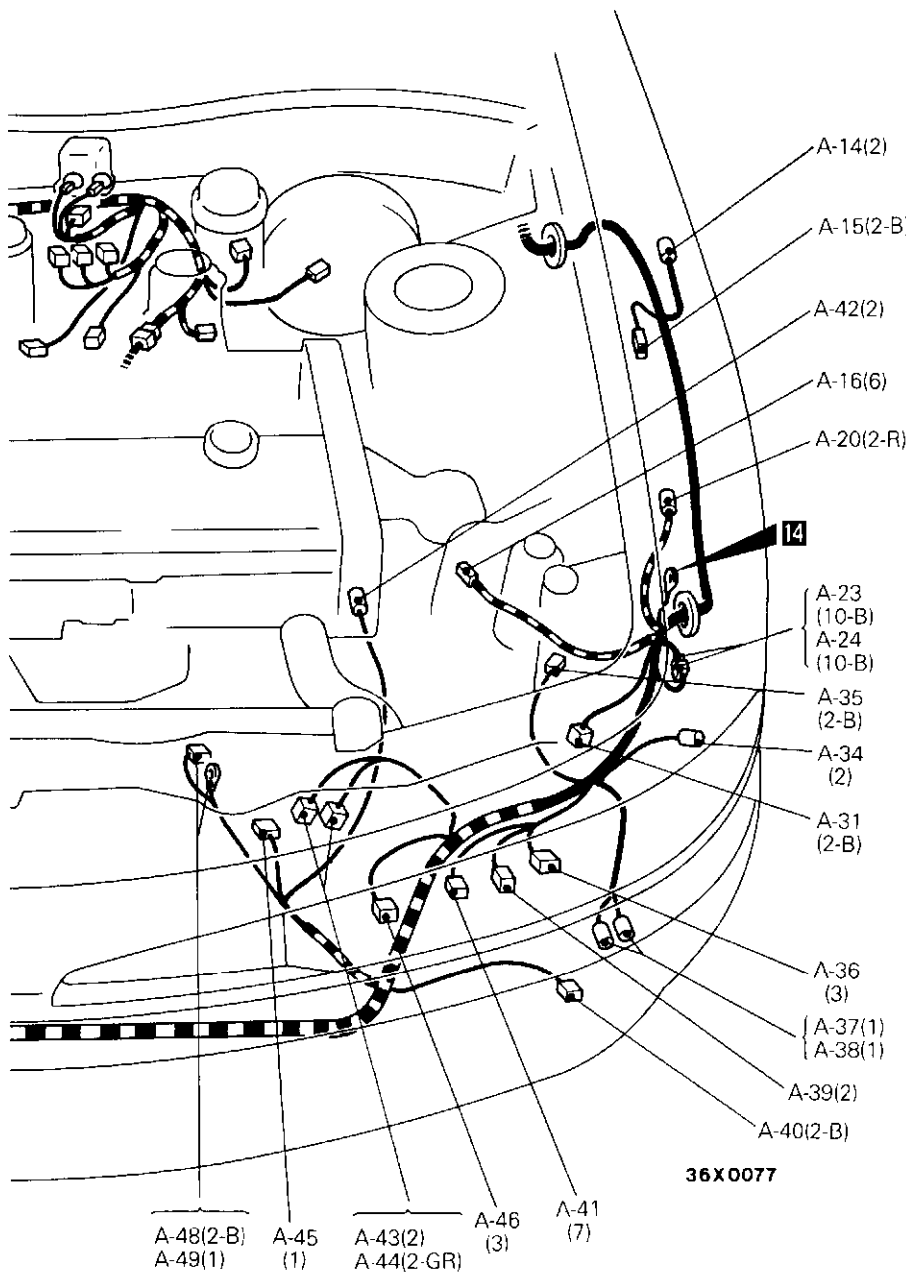
4D68 <L.H. drive vehicles>



A-01X }  
 thru } Refer to CENTRALIZED JUNCTION  
 A-12X }

- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 —
- A-18 —
- A-19 —
- A-20 Front impact sensor (LH)
- A-21 —
- A-22 —
- A-23 } Front wiring harness and daytime running lamp wiring
- A-24 } harness combination or front wiring harness joint connector

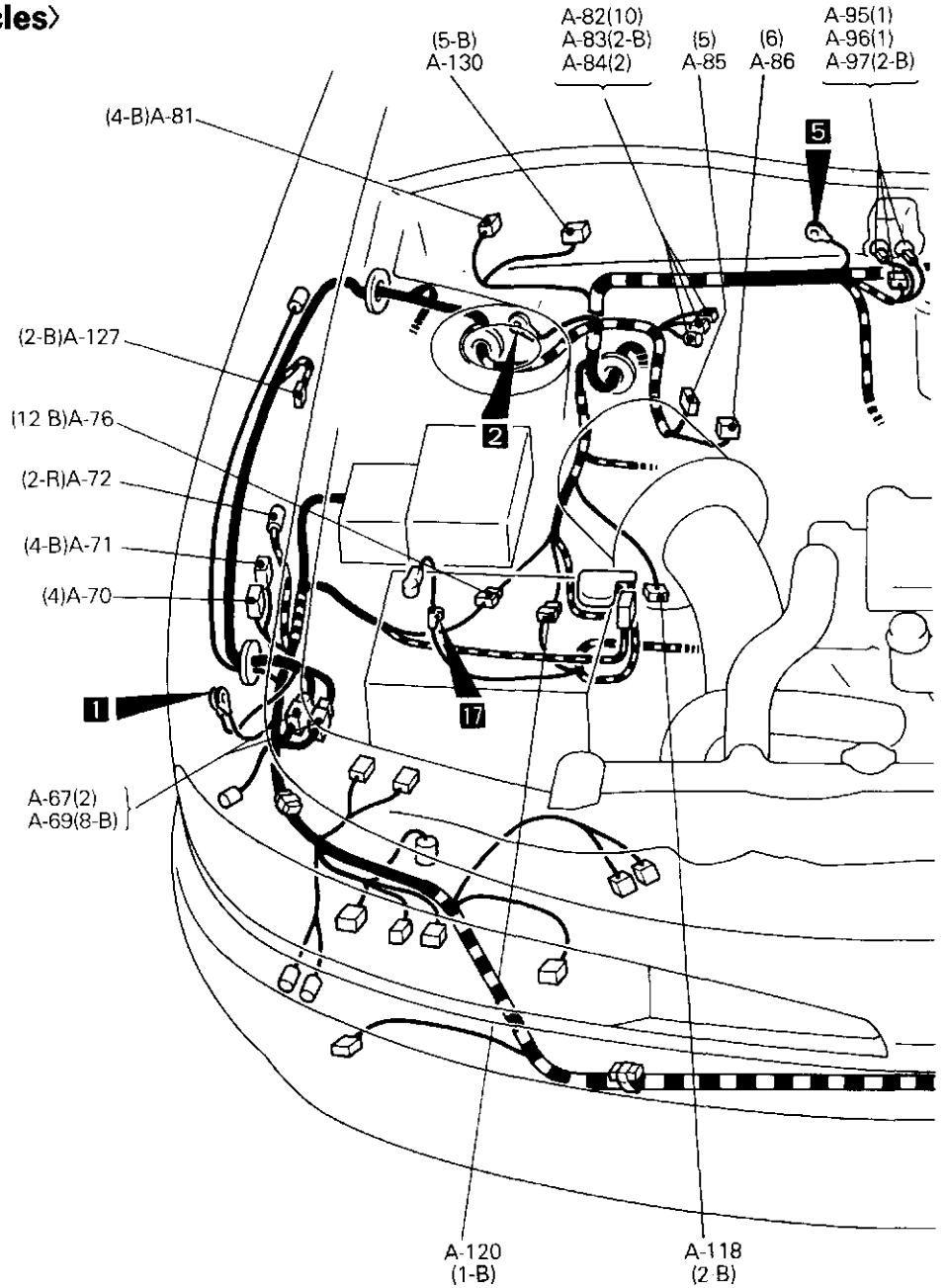
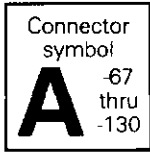
- A-25 Daytime running lamp relay (I)
- A-26 Daytime running lamp relay (II)
- A-27 } —
- A-30 } —
- A-31 Engine oil cooler fan
- A-32 —
- A-33 —
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 } Horn (LH)
- A-38 }



36X0077

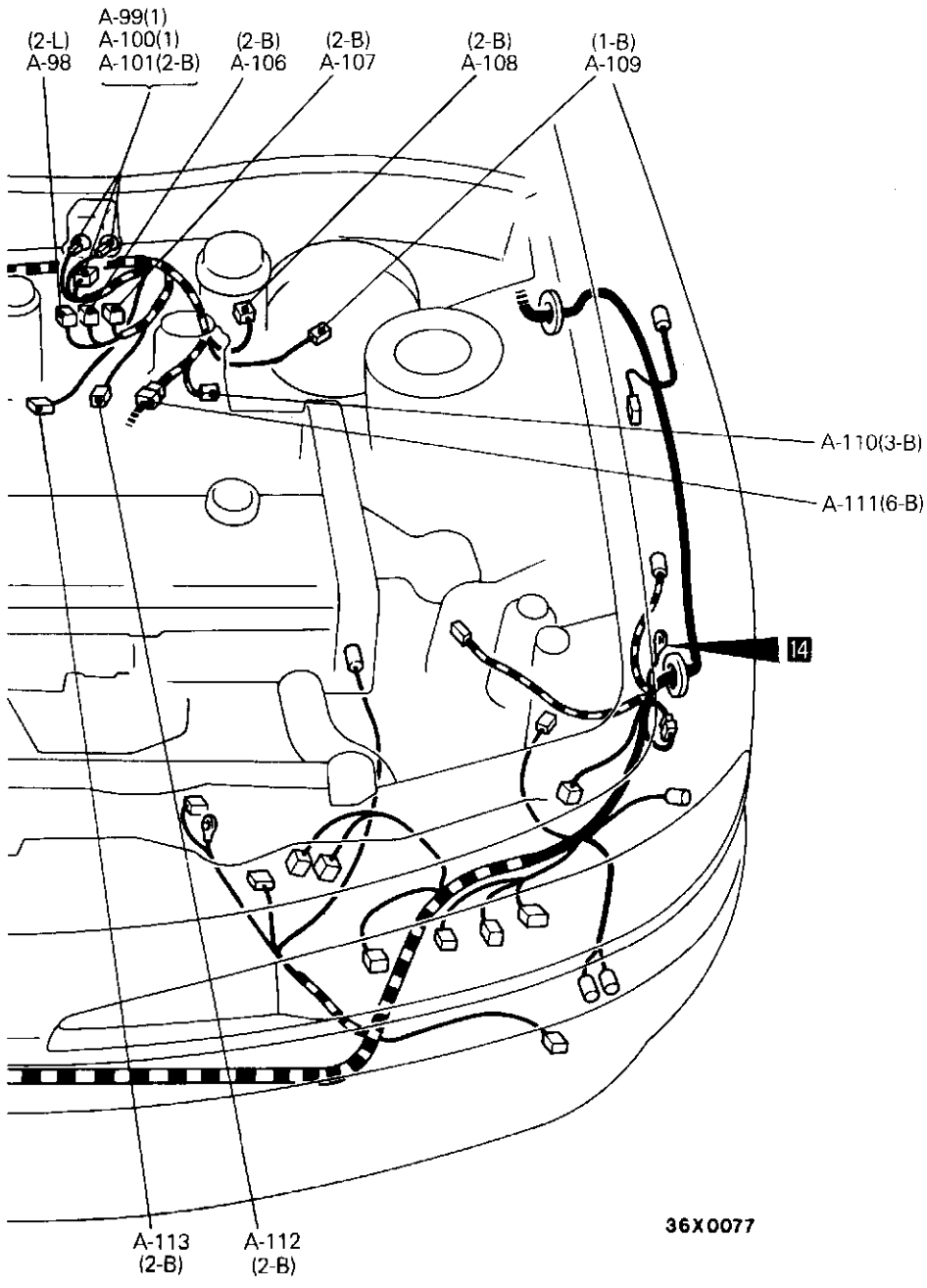
- |                  |                             |                  |   |
|------------------|-----------------------------|------------------|---|
| A-39             | Position lamp (LH)          | A-54             | Headlamp (RH)   |
| A-40             | Front fog lamp (LH)         | A-55             | Headlamp leveling unit (RH)                           |
| A-41             | Headlamp leveling unit (LH) | A-56             | —   |
| A-42             | Engine oil level sensor     | A-57             | Front fog lamp (RH)                                   |
| A-43 }<br>A-44 } | Condenser fan motor         | A-58             | Position lamp (RH)                                    |
| A-45             | Oil pressure switch         | A-59 }<br>A-60 } | Horn (RH)   |
| A-46             | Headlamp (LH)               | A-61             | Headlamp (RH)   |
| A-47             | —                           | A-62             | Triple pressure switch                                |
| A-48 }<br>A-49 } | Alternator                  | A-63             | Headlamp washer motor                                 |
| A-50             | —                           | A-64             | Washer fluid level sensor and windshield washer motor |
| A-51             | No connection               | A-65             | No connection   |
| A-52 }<br>A-53 } | Radiator fan motor          | A-66             | Front turn signal lamp (RH)                           |

4D68 <L.H. drive vehicles>



- A-67 Front wiring harness and ABS wiring harness combination
- A-68 —
- A-69 Front wiring harness and ABS wiring harness combination
- A-70 Engine oil cooler fan relay
- A-71 No connection
- A-72 Front impact sensor (RH)
- A-73 —
- A-74 —
- A-75 —
- A-76 Front wiring harness and control wiring harness combination
- A-77 } —
- thru } —
- A-80 }

- A-81 Windshield wiper motor
- A-82 } Hydraulic unit
- A-83 }
- A-84 }
- A-85 Motor relay
- A-86 Valve relay
- A-87 } —
- thru }
- A-94 }
- A-95 } Glow plug relay ( I )
- A-96 }
- A-97 }
- A-98 Idle up solenoid valve



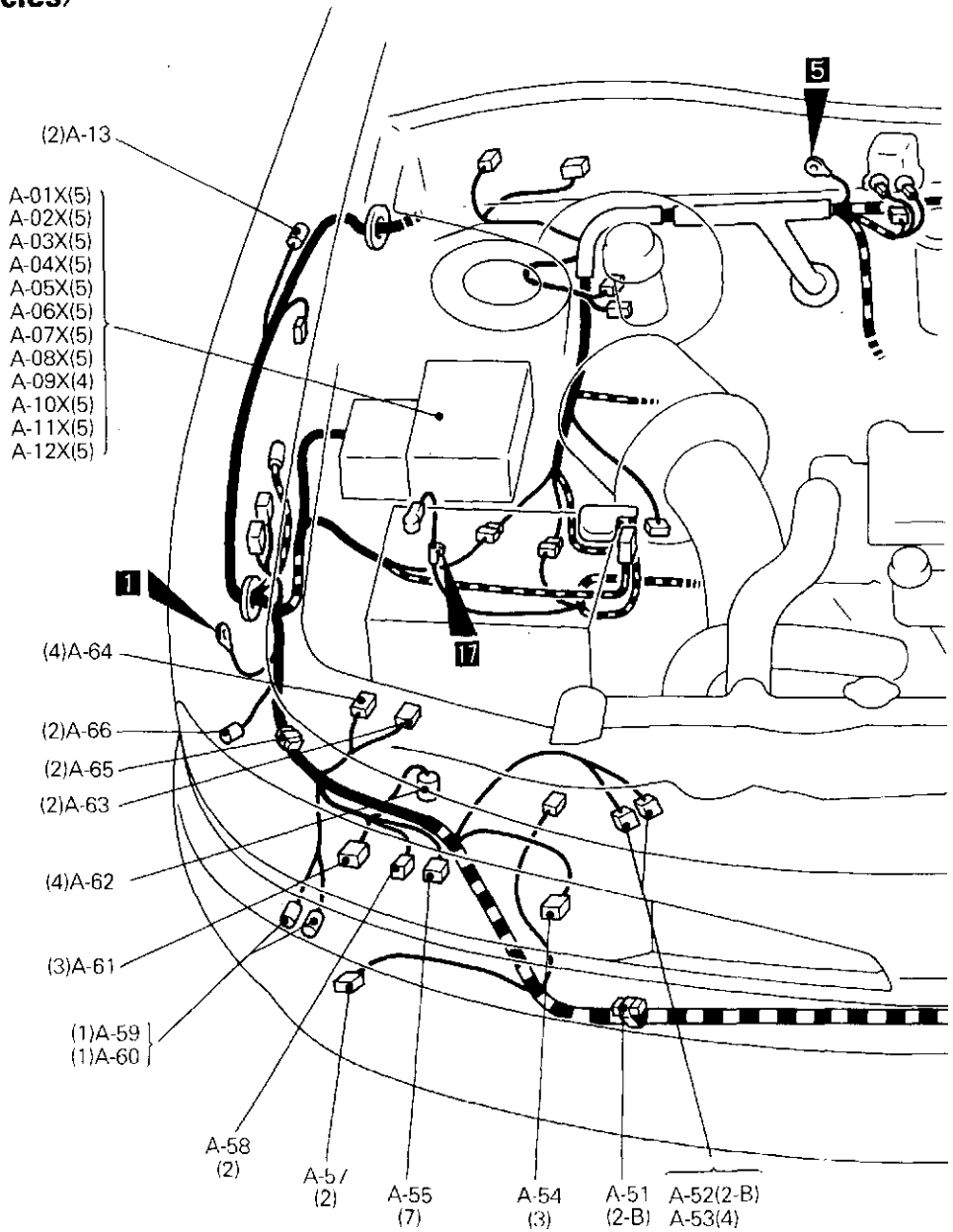
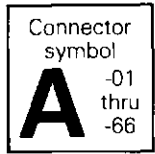
36X0077

- |       |  |       |  |
|-------|--|-------|--|
| A-99  | } Glow plug relay (II)                                       | A-114 | } —  |
| A-100 |  | thru  |  |
| A-101 |  | A-117 |  |
| A-102 | } —  | A-118 | Back-up lamp switch                                  |
| thru  |  | A-119 | —  |
| A-105 |  | A-120 | Control wiring harness and battery cable combination |
| A-106 | EGR solenoid valve (II)                                      | A-121 | } —  |
| A-107 | EGR solenoid valve (I)                                       | thru  |  |
| A-108 | Brake fluid level switch                                     | A-126 | —  |
| A-109 | Vacuum switch  | A-127 | Speed sensor (Front: RH)                             |
| A-110 | Lever position sensor  | A-128 | —  |
| A-111 | Control wiring harness and sensor wiring harness combination | A-129 | —  |
| A-112 | Dropping resistor  | A-130 | Starter relay  |
| A-113 | Water level switch   |       |  |



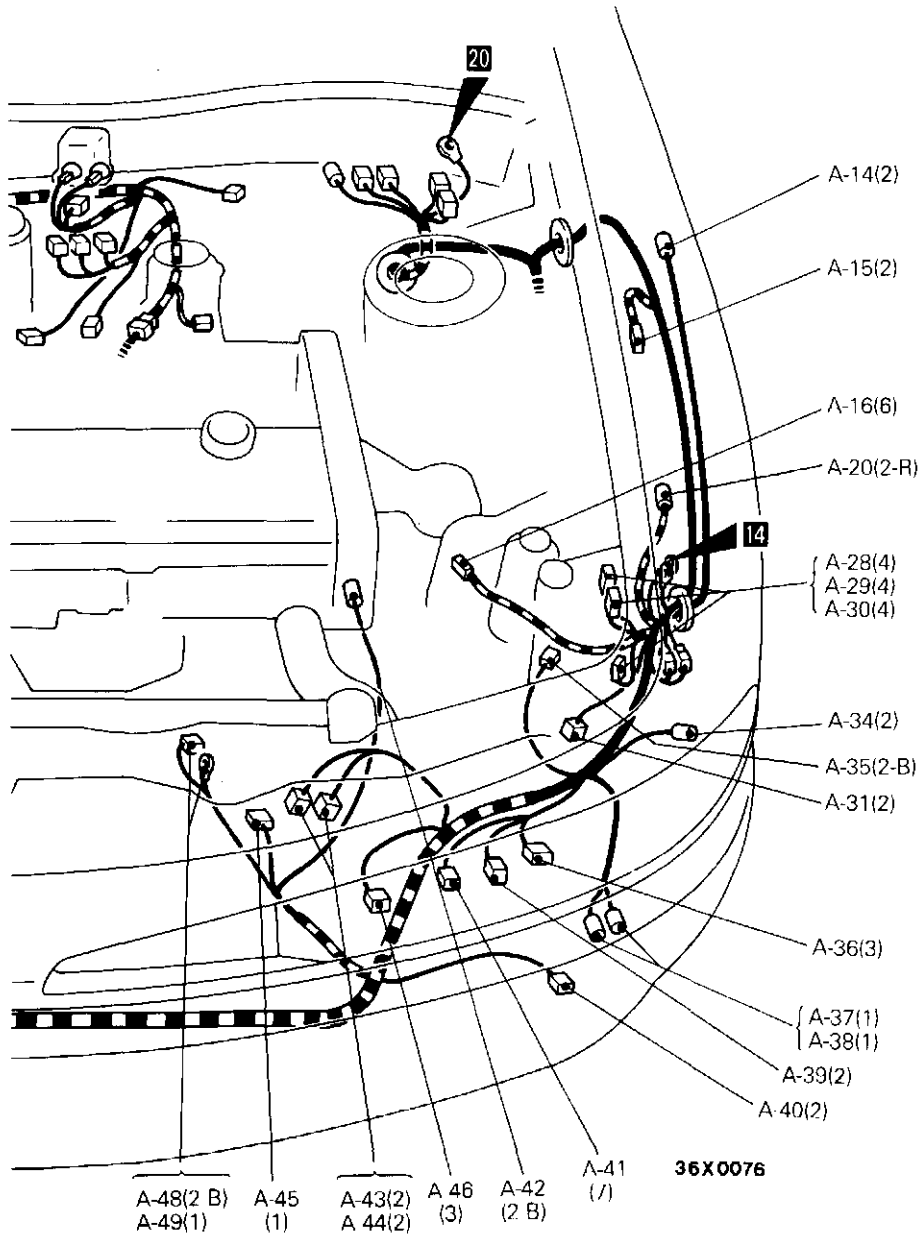
# ENGINE COMPARTMENT

4D68 <R.H. drive vehicles>



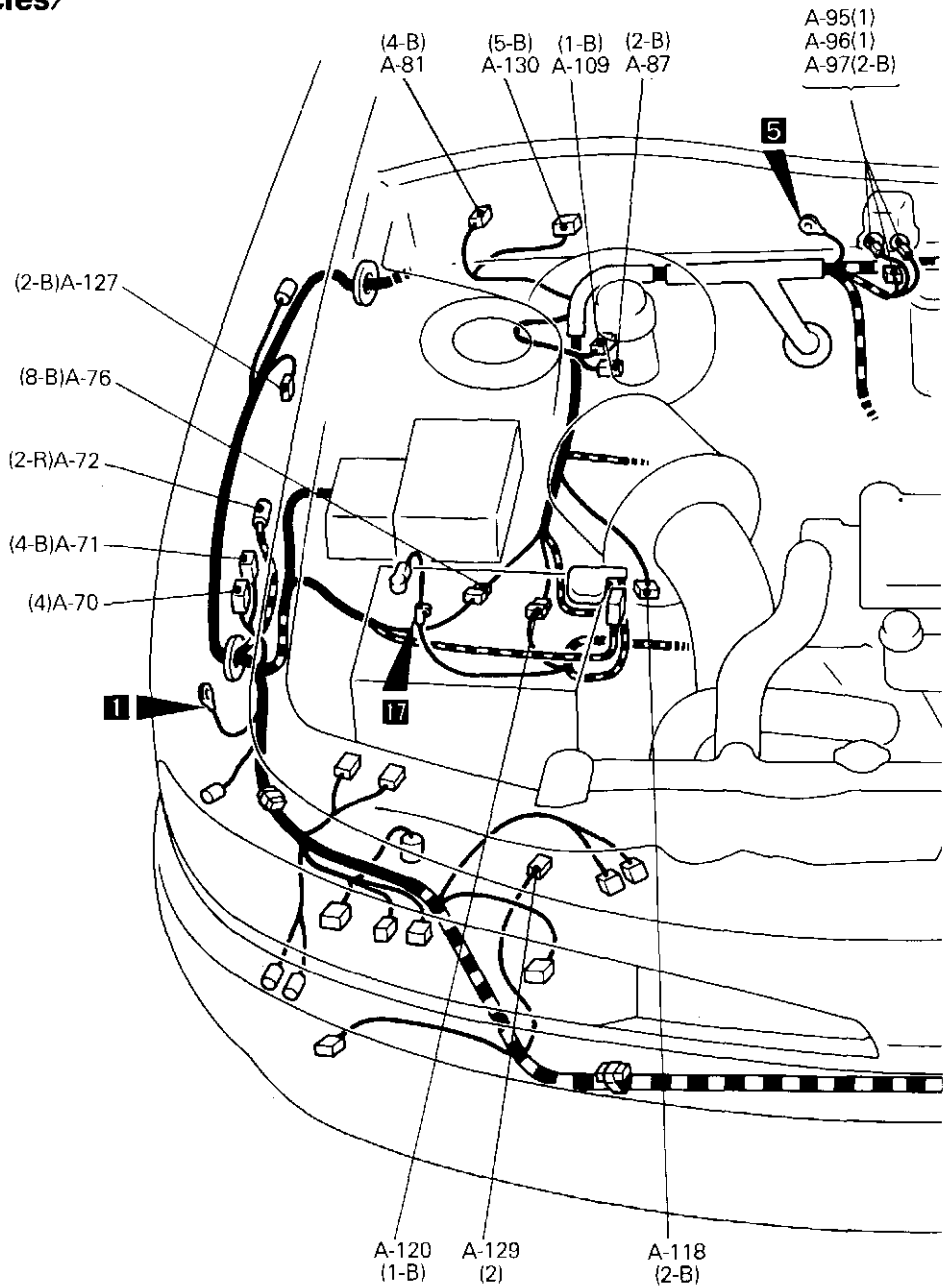
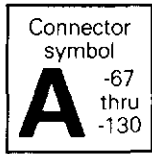
- A-01X } Refer to CENTRALIZED JUNCTION
- thru }
- A-12X }
- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 —
- A-18 —
- A-19 —
- A-20 Front impact sensor (LH)
- A-21 } —
- thru }
- A-27 }

- A-28 Dim-dip lamp relay 1
- A-29 Dim-dip lamp relay 2 or jumper connector
- A-30 Dim-dip lamp relay 3 or jumper connector
- A-31 Engine oil cooler fan
- A-32 —
- A-33 —
- A-34 Front turn signal lamp (LH)
- A-35 Windshield washer motor or no connection
- A-36 Headlamp (LH)
- A-37 } Horn (LH)
- A-38 }
- A-39 Position lamp (LH)
- A-40 Front fog lamp (LH)



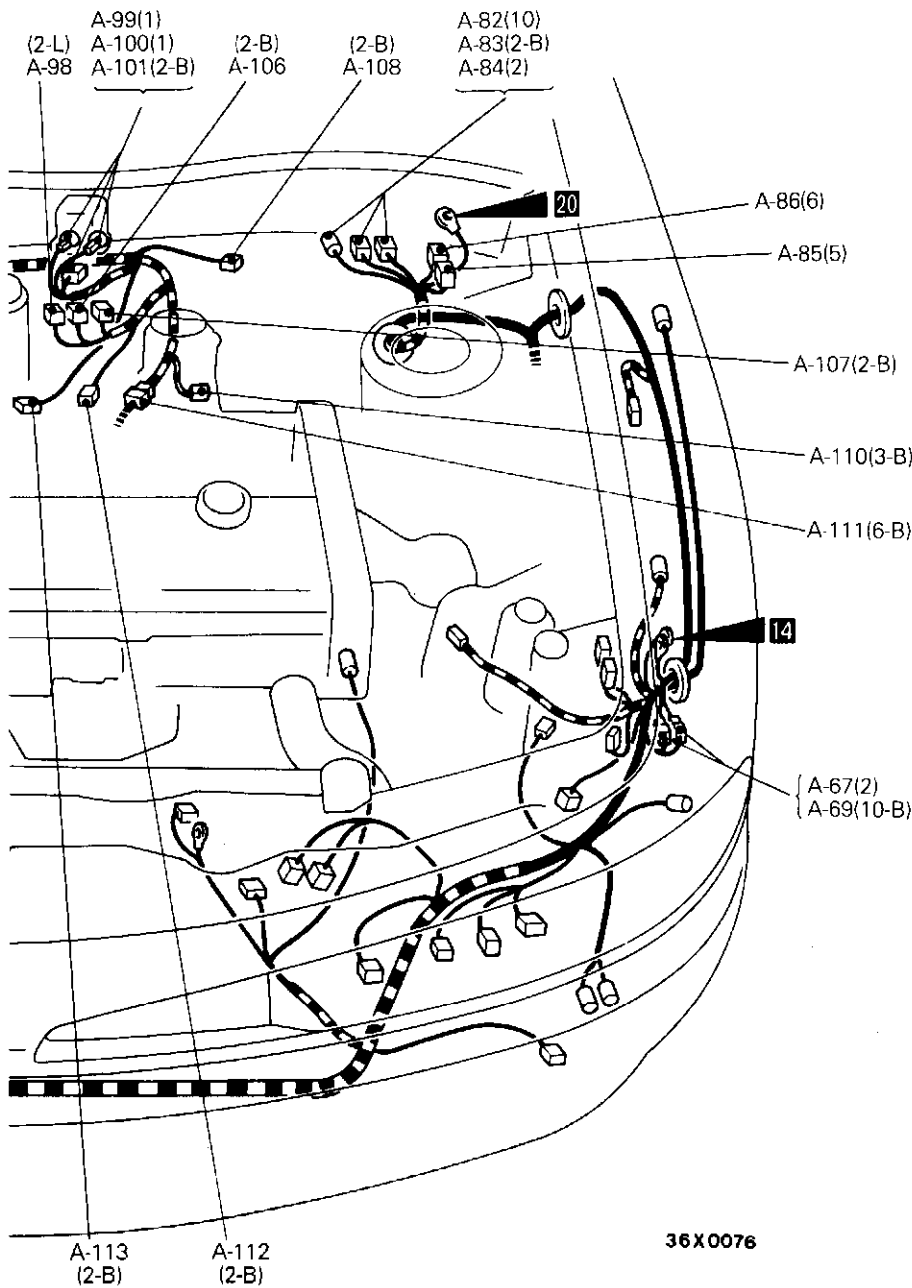
|        |                             |        |   |
|--------|-----------------------------|--------|---|
| A-41   | Headlamp leveling unit (LH) | A-54   | Headlamp (RH)   |
| A-42   | Engine oil level sensor     | A-55   | Headlamp leveling unit (RH)                           |
| A-43 } | Condenser fan motor         | A-56   | —   |
| A-44 } |                             | A-57   | Front fog lamp (RH)                                   |
| A-45   | Oil pressure switch         | A-58   | Position lamp (RH)                                    |
| A-46   | Headlamp (LH)               | A-59 } | Horn (RH)   |
| A-47   | —                           | A-60 } |   |
| A-48 } | Alternator                  | A-61   | Headlamp (RH)   |
| A-49 } |                             | A-62   | Triple pressure switch                                |
| A-50   | —                           | A-63   | Headlamp washer motor                                 |
| A-51   | No connection               | A-64   | Washer fluid level sensor and windshield washer motor |
| A-52 } | Radiator fan motor          | A-65   | No connection   |
| A-53 } |                             | A-66   | Front turn signal lamp (RH)                           |

4D68 <R.H. drive vehicles>



- A-67 Front wiring harness and ABS wiring harness combination
- A-68 —
- A-69 Front wiring harness and ABS wiring harness combination
- A-70 Engine oil cooler fan relay
- A-71 No connection
- A-72 Front impact sensor (RH)
- A-73 —
- A-74 —
- A-75 —
- A-76 Front wiring harness and control wiring harness combination
- A-77 } —
- thru } —
- A-80 }

- A-81 Windshield wiper motor
- A-82 } Hydraulic unit
- A-83 }
- A-84 }
- A-85 Motor relay
- A-86 Valve relay
- A-87 Brake fluid level switch
- A-88 } —
- thru }
- A-94 }
- A-95 } —
- A-96 } Glow plug relay (I)
- A-97 }
- A-98 Idle up solenoid valve

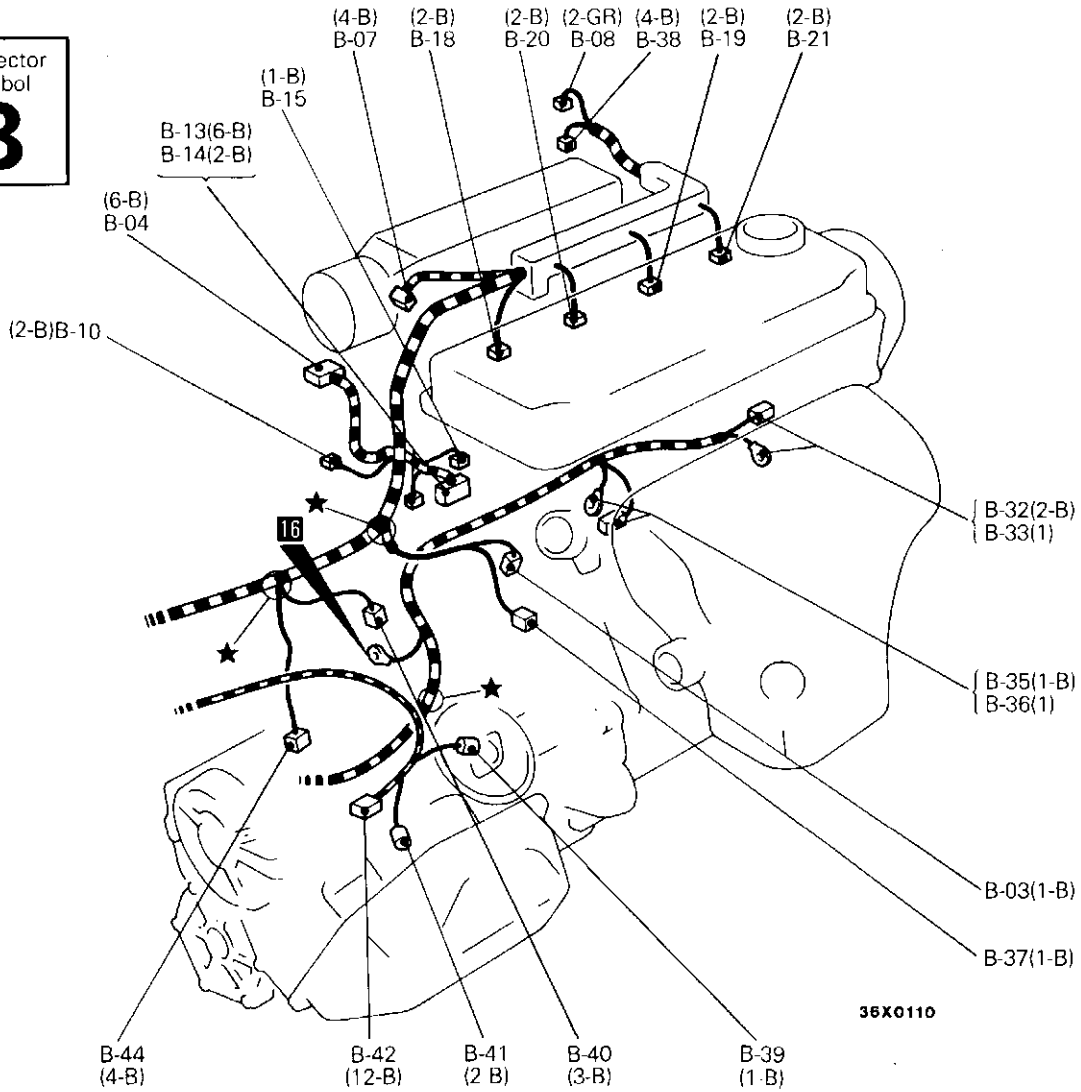


- |       |  |       |  |
|-------|--|-------|--|
| A-99  | } Glow plug relay (II)                                       | A-113 | Water level switch                                   |
| A-100 |  | A-114 | } —  |
| A-101 |  | thru  |  |
| A-102 | } —  | A-117 | } —  |
| thru  |  | A-118 |  |
| A-105 | } —  | A-119 | —  |
| A-106 |  | A-120 | Control wiring harness and battery cable combination |
| A-107 | EGR solenoid valve (II)                                      | A-121 | } —  |
| A-108 | EGR solenoid valve (II)                                      | thru  |  |
| A-109 | Brake fluid level switch or no connection                    | A-126 | } —  |
| A-110 | Vacuum switch  | A-127 |  |
| A-111 | Lever position sensor  | A-128 | —  |
| A-112 | Control wiring harness and sensor wiring harness combination | A-129 | Resistor   |
| A-113 | Dropping resistor  | A-130 | Starter relay  |

# ENGINE AND TRANSMISSION

## 4G93 SOHC-MPI

Connector symbol  
**B**

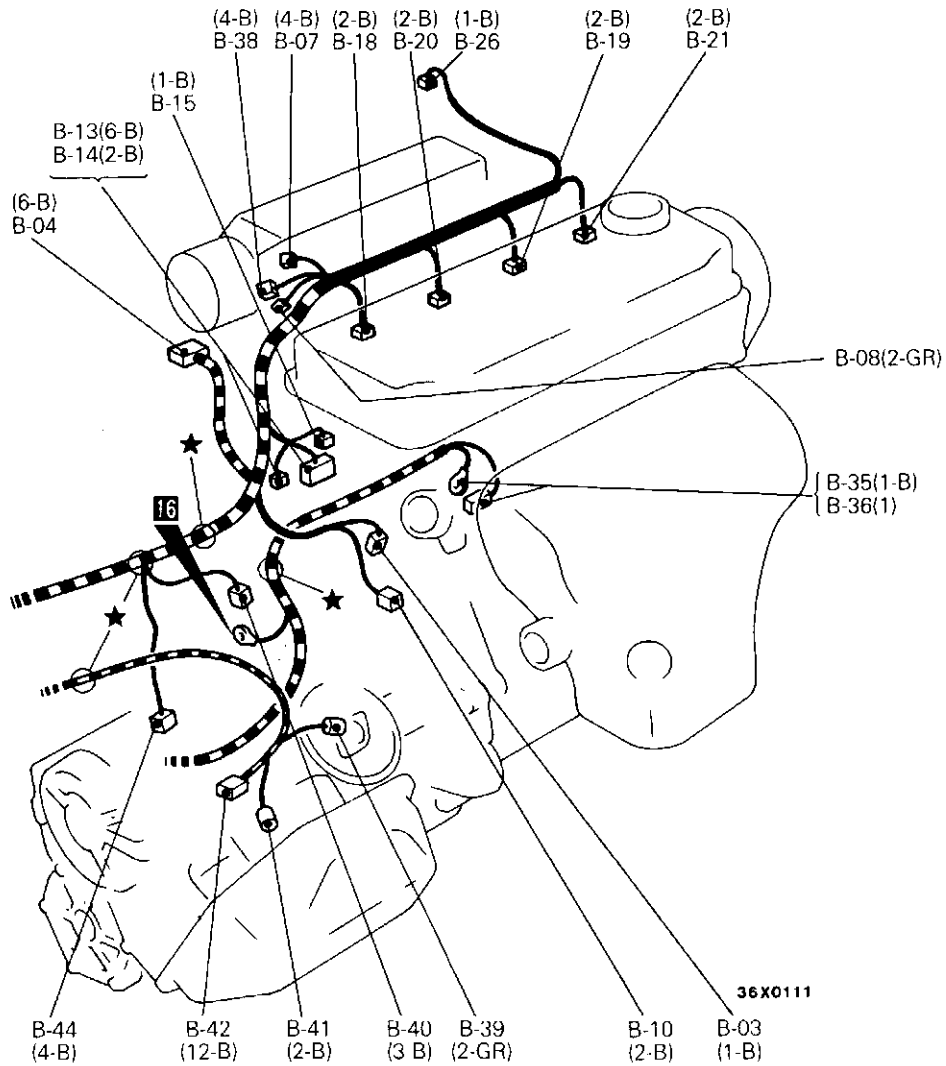


|                             |                                       |      |                                 |
|-----------------------------|---------------------------------------|------|---------------------------------|
| B-01                        | —                                     | B-20 | Injector No. 3                  |
| B-02                        | —                                     | B-21 | Injector No. 1                  |
| B-03                        | Engine coolant temperature gauge unit | B-22 | —                               |
| B-04                        | Idle speed control servo              | B-31 | —                               |
| B-05                        | —                                     | B-32 | Alternator                      |
| B-06                        | —                                     | B-33 |                                 |
| B-07                        | Throttle position sensor              | B-34 | —                               |
| B-08                        | Detonation sensor                     | B-35 | Starter                         |
| B-09                        | —                                     | B-36 |                                 |
| B-10                        | Engine coolant temperature sensor     | B-37 | Oil pressure switch             |
| B-11                        | —                                     | B-38 | Oxygen sensor                   |
| B-12                        | —                                     | B-39 | Kickdown servo switch           |
| B-13 } Distributor assembly |                                       | B-40 | Vehicle speed sensor            |
| B-14 }                      |                                       | B-41 | A/T fluid temperature sensor    |
| B-15                        | Capacitor                             | B-42 | Inhibitor switch <A/T>          |
| B-16                        | —                                     | B-43 | —                               |
| B-17                        | —                                     | B-44 | ELC-4A/T control solenoid valve |
| B-18                        | Injector No. 4                        |      |                                 |
| B-19                        | Injector No. 2                        |      |                                 |

# ENGINE AND TRANSMISSION

## 4G63 SOHC-MPI

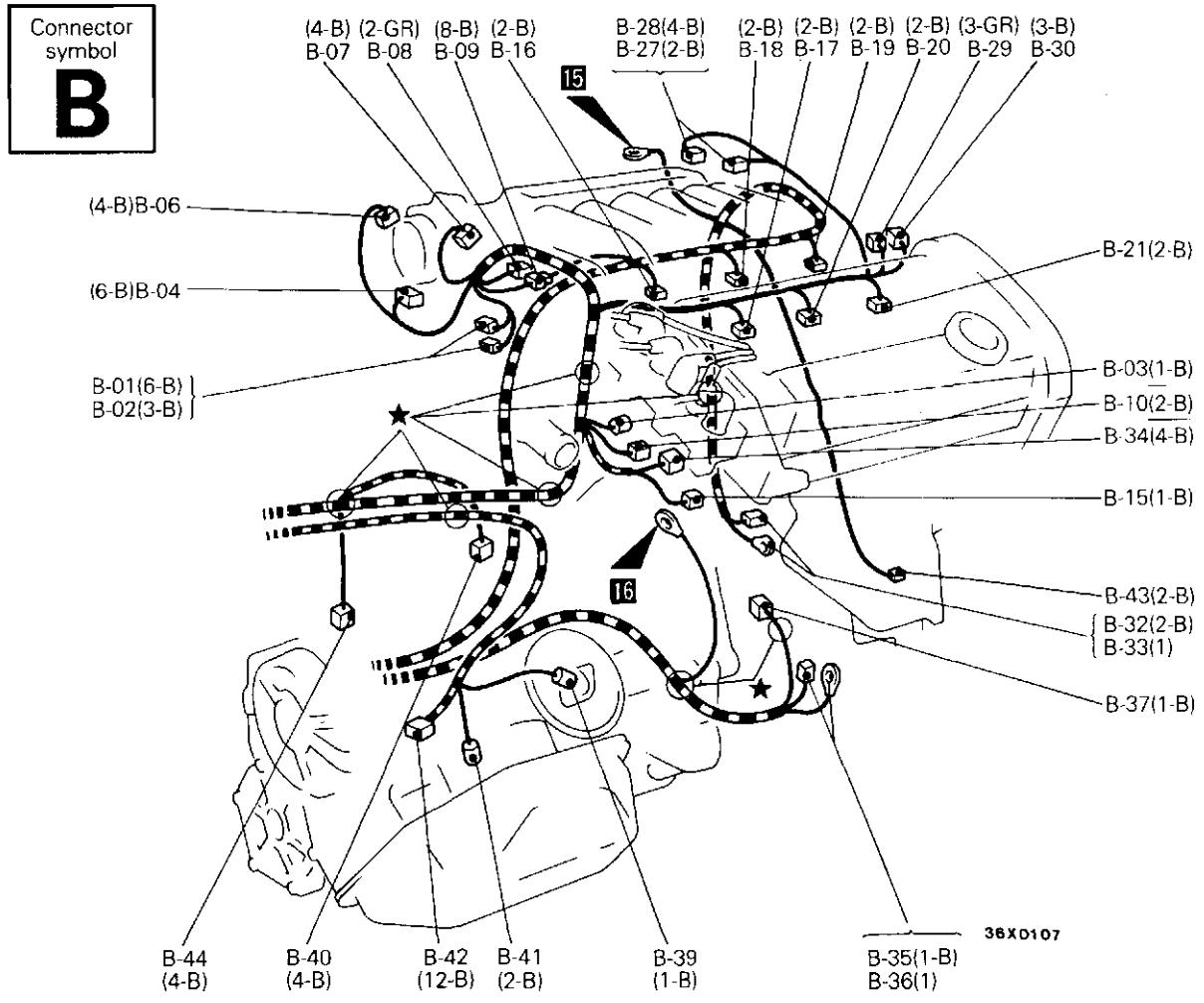
Connector symbol  
**B**



|                  |                                       |           |   |
|------------------|---------------------------------------|-----------|---|
| B-01             | —                                     | B-20      | Injector No. 3                            |
| B-02             | —                                     | B-21      | Injector No. 1                            |
| B-03             | Engine coolant temperature gauge unit | B-22      | —   |
| B-04             | Idle speed control servo              | thru      |   |
| B-05             | —                                     | B-25      |   |
| B-06             | —                                     | B-26      | A/C compressor & magnetic clutch assembly |
| B-07             | Throttle position sensor              | B-27      | —   |
| B-08             | Detonation sensor                     | thru      |   |
| B-09             | —                                     | B-34      |   |
| B-10             | Engine coolant temperature sensor     | B-35      | Starter                                   |
| B-11             | —                                     | B-36      |   |
| B-12             | —                                     | B-37      | —   |
| B-13 }<br>B-14 } | Distributor assembly                  | B-38      | Oxygen sensor                             |
| B-15             |                                       | Capacitor | B-39                                      |
| B-16             | —                                     | B-40      | Vehicle speed sensor                      |
| B-17             | —                                     | B-41      | A/T fluid temperature sensor              |
| B-18             | Injector No. 4                        | B-42      | Inhibitor switch <A/T>                    |
| B-19             | Injector No. 2                        | B-43      | —   |
|                  |                                       | B-44      | ELC-4A/T control solenoid valve           |

# ENGINE AND TRANSMISSION

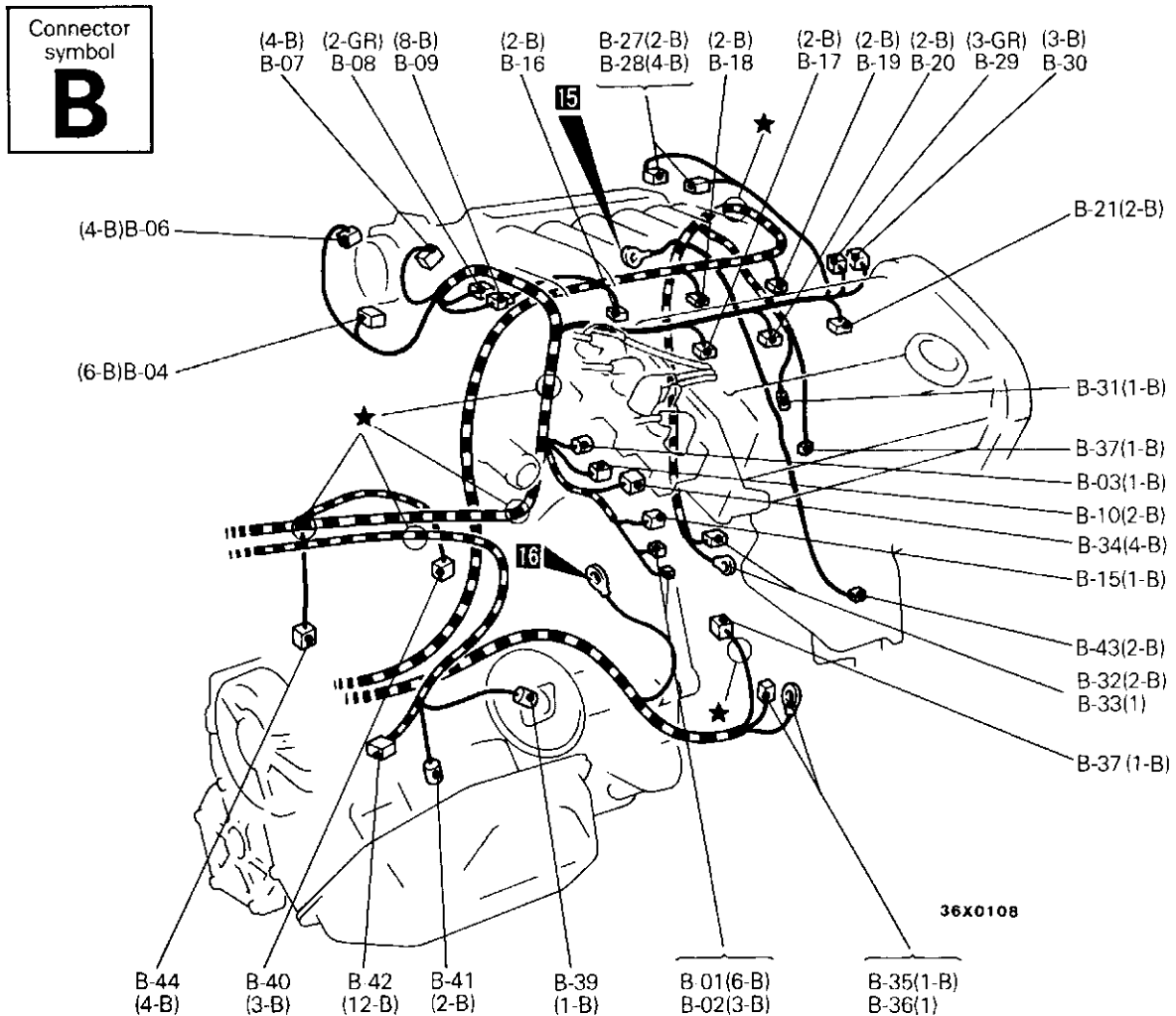
## 6A12 DOHC-MPI



- |   |   |
|---|---|
| B-01 } Power transistor   | B-22 } —                                |
| B-02 } —  | B-26 } —                                |
| B-03 Engine coolant temperature gauge unit                          | B-27 } Variable induction control servo |
| B-04 Idle speed control servo                                       | B-28 } —                                |
| B-05 —  | B-29 Camshaft position sensor           |
| B-06 Accelerator pedal position sensor                              | B-30 Crank angle sensor                 |
| B-07 Throttle position sensor                                       | B-31 —                                  |
| B-08 Detonation sensor  | B-32 } Alternator                       |
| B-09 Control wiring harness and injector wiring harness combination | B-33 } —                                |
| B-10 Engine coolant temperature sensor                              | B-34 Ignition coil                      |
| B-11 } —  | B-35 } Starter                          |
| B-12 } —  | B-36 } —                                |
| B-13 } —  | B-37 Oil pressure switch                |
| B-14 } —  | B-38 —                                  |
| B-15 Capacitor  | B-39 Kickdown servo switch              |
| B-16 Injector No. 6   | B-40 Vehicle speed sensor               |
| B-17 Injector No. 5   | B-41 A/T fluid temperature sensor       |
| B-18 Injector No. 4   | B-42 Inhibitor switch                   |
| B-19 Injector No. 2   | B-43 Engine oil level sensor            |
| B-20 Injector No. 3   | B-44 ELC-4A/T control solenoid valve    |
| B-21 Injector No. 1   |   |

# ENGINE AND TRANSMISSION

## 6G73 DOHC-MPI

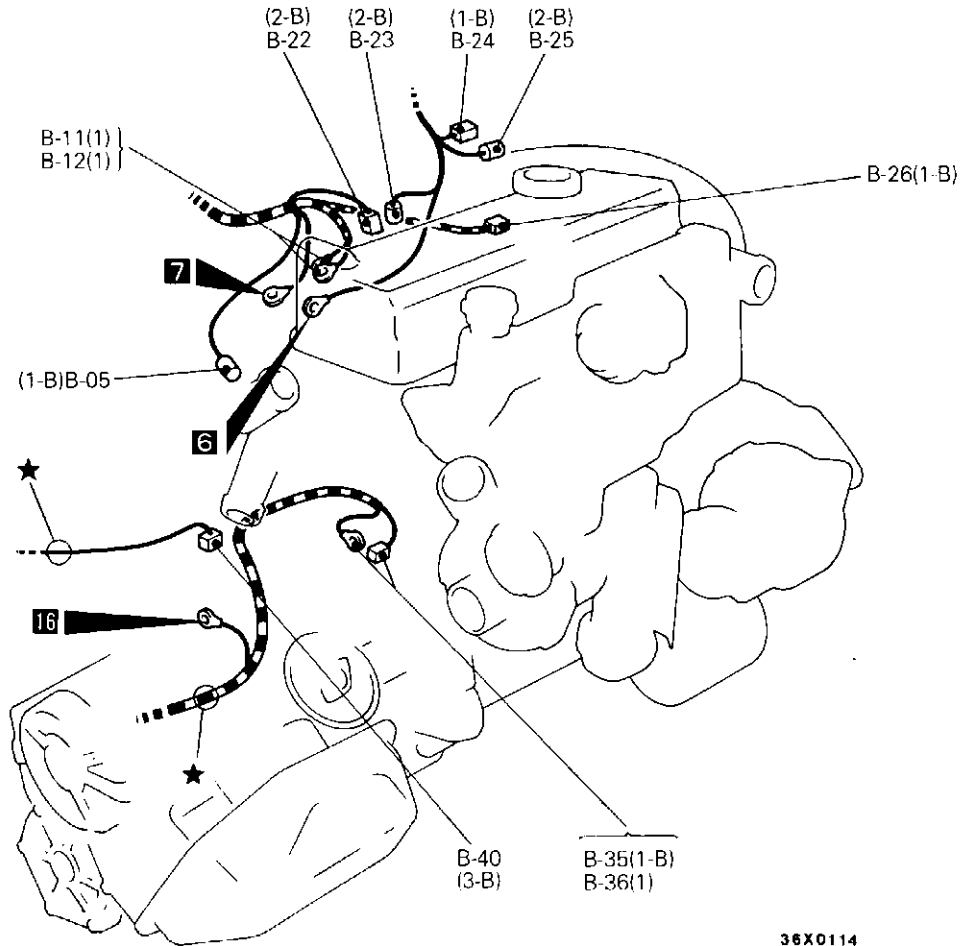
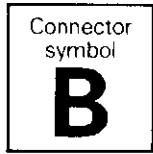


- |   |   |
|---|---|
| B-01 } Power transistor   | B-22 } —                                  |
| B-02 } —  | thru } —                                  |
| B-03 Engine coolant temperature gauge unit                          | B-26 } —                                  |
| B-04 Idle speed control servo                                       | B-27 } —                                  |
| B-05 —  | B-28 } Variable induction control servo   |
| B-06 Accelerator pedal position sensor                              | B-29 Camshaft position sensor             |
| B-07 Throttle position sensor                                       | B-30 Crank angle sensor                   |
| B-08 Detonation sensor  | B-31 Power steering oil pressure switch   |
| B-09 Control wiring harness and injector wiring harness combination | B-32 } Alternator                         |
| B-10 Engine coolant temperature sensor                              | B-33 } —                                  |
| B-11 } —  | B-34 Ignition coil                        |
| thru } —  | B-35 } Starter                            |
| B-14 } —  | B-36 } —                                  |
| B-15 Capacitor  | B-37 Oil pressure switch or no connection |
| B-16 Injector No. 6   | B-38 —                                    |
| B-17 Injector No. 5   | B-39 Kickdown servo switch                |
| B-18 Injector No. 4   | B-40 Vehicle speed sensor                 |
| B-19 Injector No. 2   | B-41 A/T fluid temperature sensor         |
| B-20 Injector No. 3   | B-42 Inhibitor switch                     |
| B-21 Injector No. 1   | B-43 Engine oil level sensor              |
|   | B-44 ELC-4A/T control solenoid valve      |



# ENGINE AND TRANSMISSION

4D68



36X0114

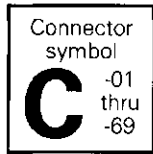
|                  |          |   |
|------------------|----------|---|
| B-01 } —         | B-23     | Engine coolant temperature sensor         |
| thru } —         | B-24     | Fuel cut solenoid valve                   |
| B-04 } —         | B-25     | Revolution pick up                        |
| B-05             | B-26     | A/C compressor & magnetic clutch assembly |
| B-06 } —         | B-27 } — |   |
| thru } —         | B-34 } — |   |
| B-10 } —         | B-35 }   | Starter                                   |
| B-11 } Glow plug | B-36 }   |   |
| B-12 } —         | B-37 }   |   |
| B-13 } —         | B-38 }   |   |
| thru } —         | B-39 }   |   |
| B-21 } —         | B-40     | Vehicle speed sensor                      |
| B-22             |          |   |

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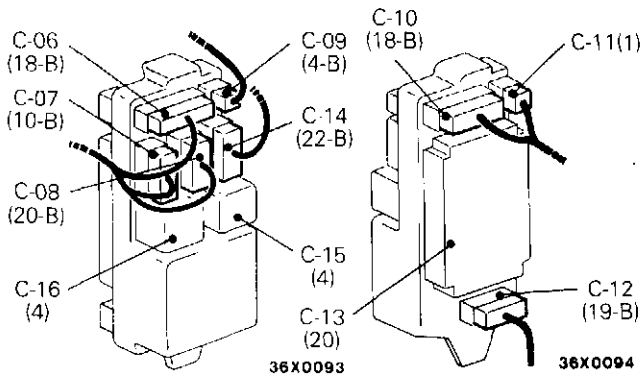
**NOTES**

**DASH PANEL**

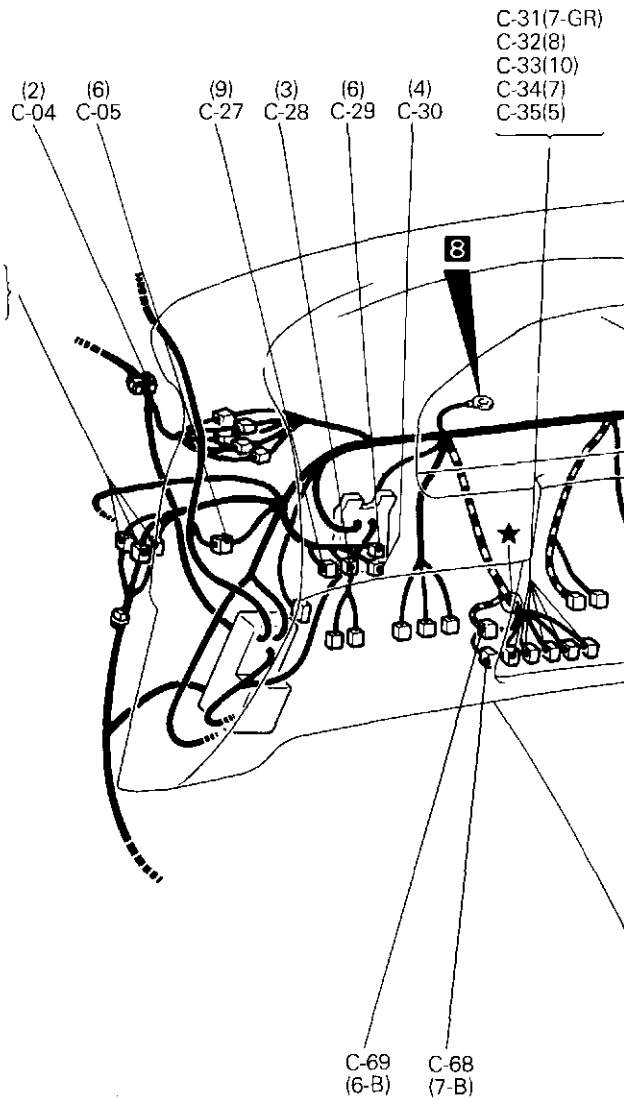
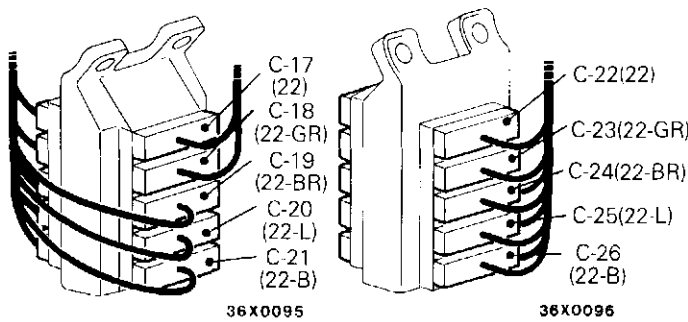
**L.H. drive vehicles**



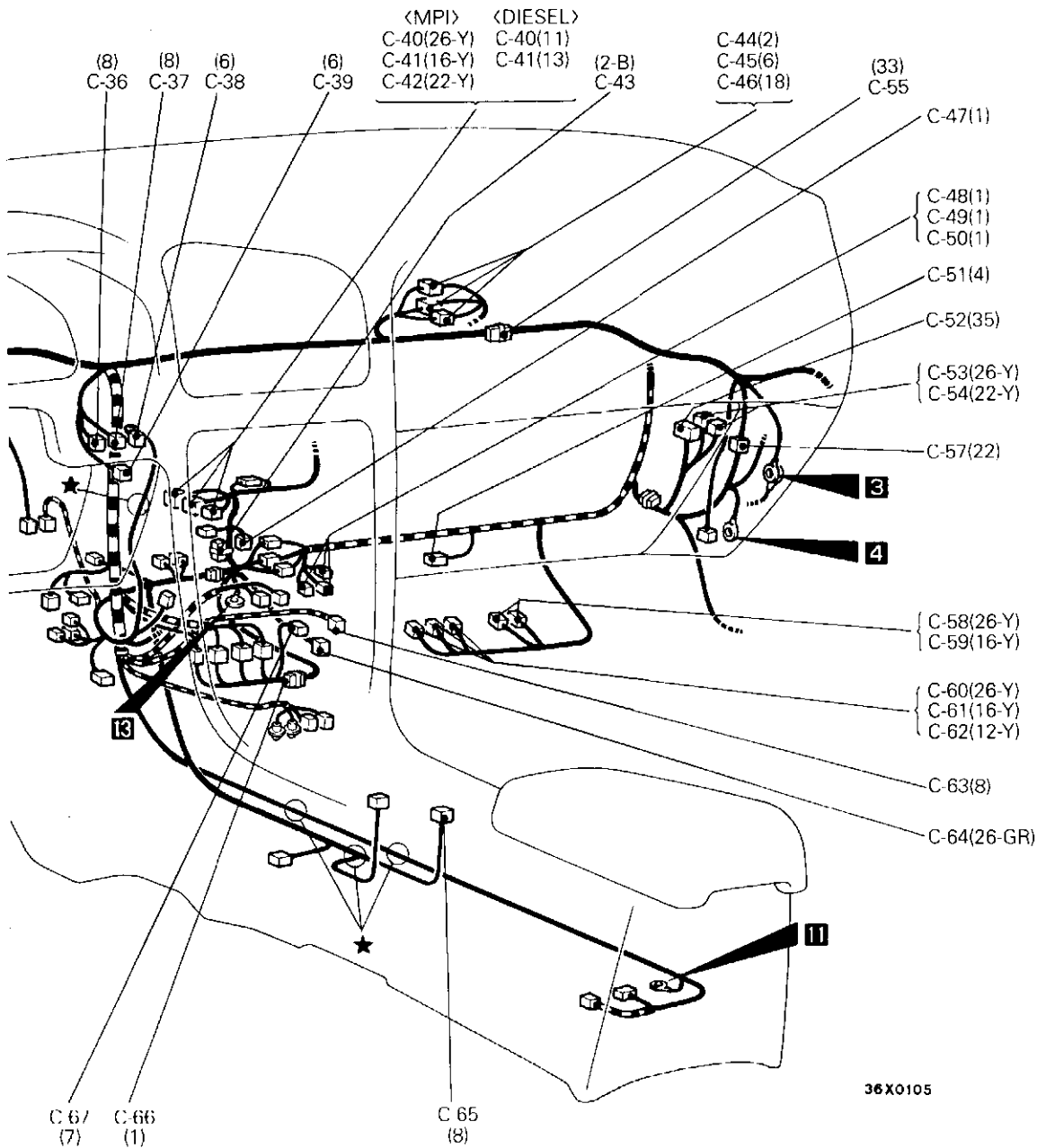
**Junction block (1)**  
(Front side) (Rear side)



**Junction block (2)**  
(Front side) (Rear side)



- |                            |  |  |  |
|----------------------------|--|--|--|
| C-01 }<br>C-02 }<br>C-03 } | Dash wiring harness and floor wiring harness combination           | C-16   | Defogger relay   |
| C-04                       | Diode <ABS-4WD>  | C-17 }<br>C-18 }                               | Instrument panel wiring harness and junction block (2) combination |
| C-05                       | Dash wiring harness and roof wiring harness combination            | C-19 }<br>C-20 }<br>C-21 }<br>C-22 }           | Dash wiring harness and junction block (2) combination             |
| C-06 }<br>C-07 }<br>C-08 } | Dash wiring harness and junction block (1) combination             | C-23   | Remote controlled mirror switch                                    |
| C-09                       | Roof wiring harness and junction block (1) combination             | C-24   | Rheostat   |
| C-10                       | Front wiring harness and junction block (1) combination            | C-25   | Front fog lamp switch  |
| C-11                       | Front wiring harness and junction block (1) combination            | C-26   | Rear fog lamp switch   |
| C-12                       | Floor wiring harness and junction block (1) combination            | C-31 }<br>C-32 }<br>C-33 }<br>C-34 }<br>C-35 } | Column switch  |
| C-13                       | ETACS-ECU and Buzzer ECU   | C-36   | Rear wiper and washer switch                                       |
| C-14                       | Instrument panel wiring harness and junction block (1) combination | C-37   | Auto-cruise control main switch                                    |
| C-15                       | Blower relay   | C-38   | TCL-switch   |



C-39 Headlamp leveling switch

C-40 }  
 C-41 } Engine ECU

C-42 }  
 C-43 Fuel octane ratio selection connector

C-44 }  
 C-45 } Dash wiring harness and A/C wiring harness  
 C-46 } combination

C-47 }  
 thru } No connection  
 C-50 }

C-51 ECS relay  
 C-52 ABS-ECU <4WD>  
 C-53 }  
 C-54 } ABS-ECU <2WD>

C-55 Jumper connector

C-56 -

C-57 Dash wiring harness and ABS wiring harness  
 combination

C-58 }  
 C-59 } TCL ECU

C-60 }  
 C-61 } ECS-ECU  
 C-62 }

C-63 Door lock ECU

C-64 Auto-cruise ECU or spare connector

C-65 ECS switch

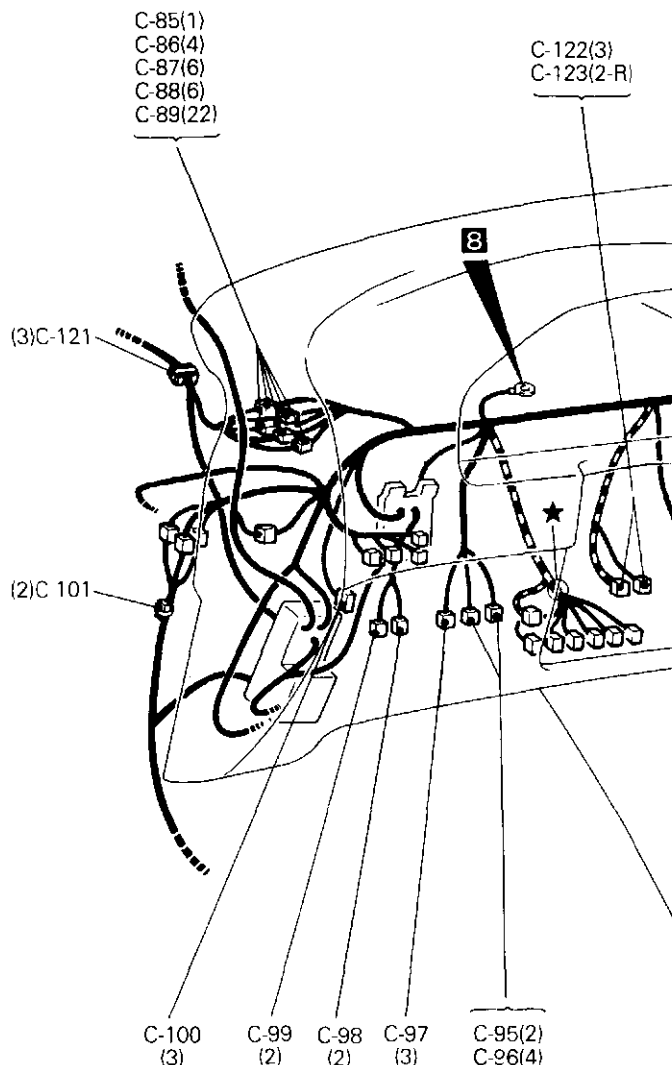
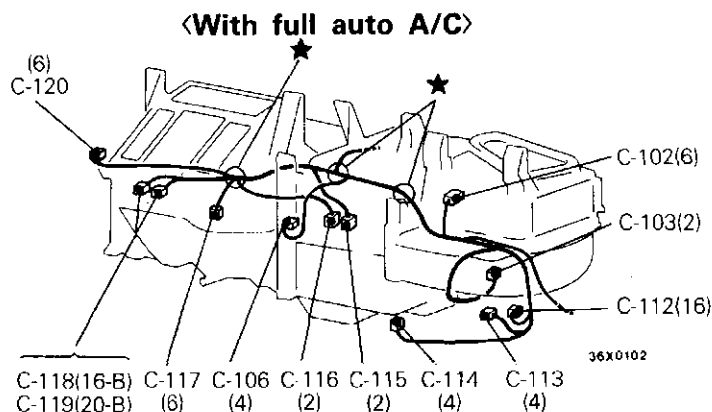
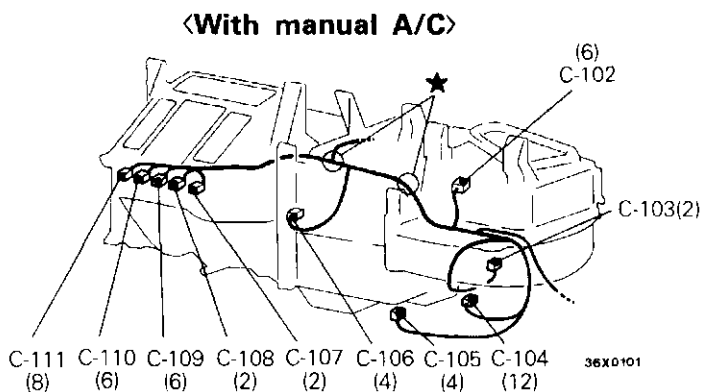
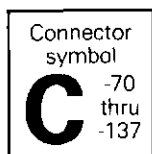
C-66 Diagnosis connector <EPS>

C-67 EPS-ECU

C-68 Key reminder switch

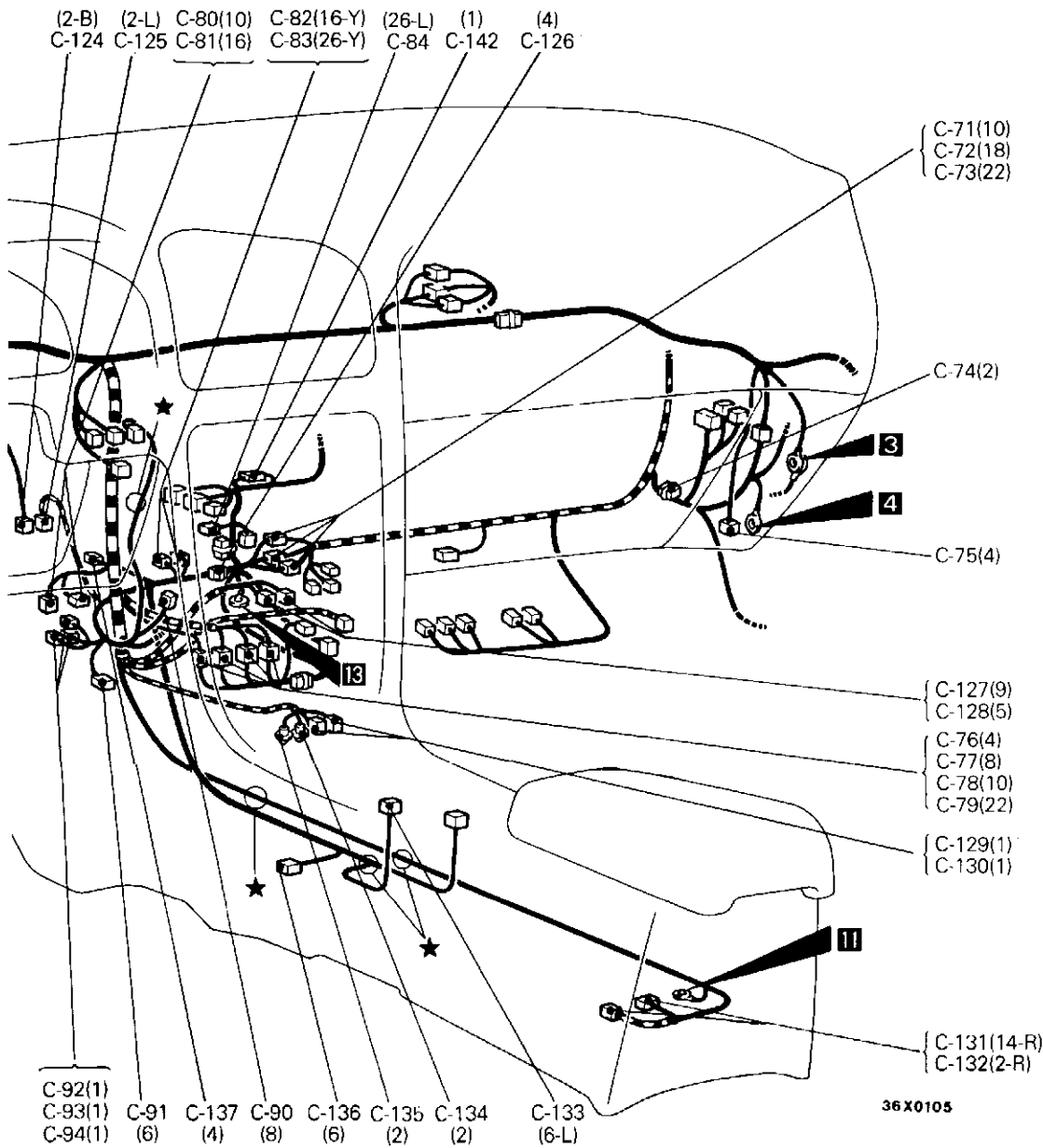
C-69 Ignition switch

L.H. drive vehicles



- C-70 —
- C-71 } ABS wiring harness and control wiring harness combination
- C-72 }
- C-73 }
- C-74 Diode <ABS-2WD>
- C-75 Rear fog lamp relay
- C-76 } Dash wiring harness and control wiring harness combination
- C-77 }
- C-78 }
- C-79 }
- C-80 } Diagnosis connector
- C-81 }
- C-82 } ELC-4A/T-ECU
- C-83 }
- C-84 4WS-ECU
- C-85 } Front wiring harness and dash wiring harness combination
- C-86 }
- C-87 }
- C-88 }
- C-89 }

- C-90 Engine control relay
- C-91 Engine oil level relay
- C-92 } No connection
- C-93 }
- C-94 }
- C-95 Stop lamp switch (2-pin) or no connection <Auto-cruise control>
- C-96 Stop lamp switch (4-pin) <Auto-cruise control> or no connection
- C-97 Pedal stroke sensor
- C-98 Clutch switch <TCL>
- C-99 Clutch switch <Auto-cruise control>
- C-100 Turn-signal and hazard flasher unit
- C-101 Diode (for luggage compartment lamp) <Hatchback>
- C-102 Air selection damper control motor
- C-103 Blower motor
- C-104 Automatic compressor ECU
- C-105 Resistor
- C-106 Air purifier

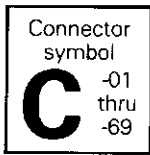


- C-107 Air purifier indicator lamp
- C-108 Heater control illumination lamp
- C-109 Air selection switch
- C-110 A/C switch
- C-111 Blower switch
- C-112 A/C belt lock controller
- C-113 Blower motor high relay
- C-114 Power transistor
- C-115 Fin thermo sensor
- C-116 Engine coolant temperature sensor
- C-117 Air mixing damper control motor
- C-118 } A/C control panel and ECU assembly
- C-119 }
- C-120 Mode selection damper control motor
- C-121 Diode (for rear fog lamp)
- C-122 } Clock spring
- C-123 }

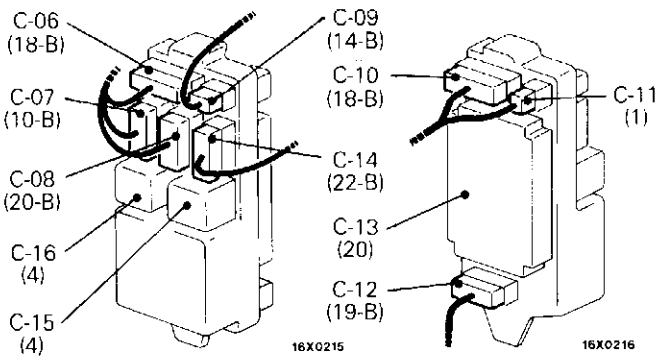
- C-124 Accelerator pedal switch or no connection
- C-125 No connection
- C-126 Diode <MPI>
- C-127 } Radio
- C-128 }
- C-129 Cigarette lighter
- C-130 Cigarette lighter
- C-131 } SRS diagnosis unit
- C-132 }
- C-133 Auto/hold change over switch
- C-134 Cigarette lighter illumination lamp
- C-135 Ashtray illumination lamp
- C-136 Overdrive switch
- C-137 Oxygen sensor
- C-138 } —
- thru }
- C-141 }
- C-142 Idle up cut connector

DASH PANEL

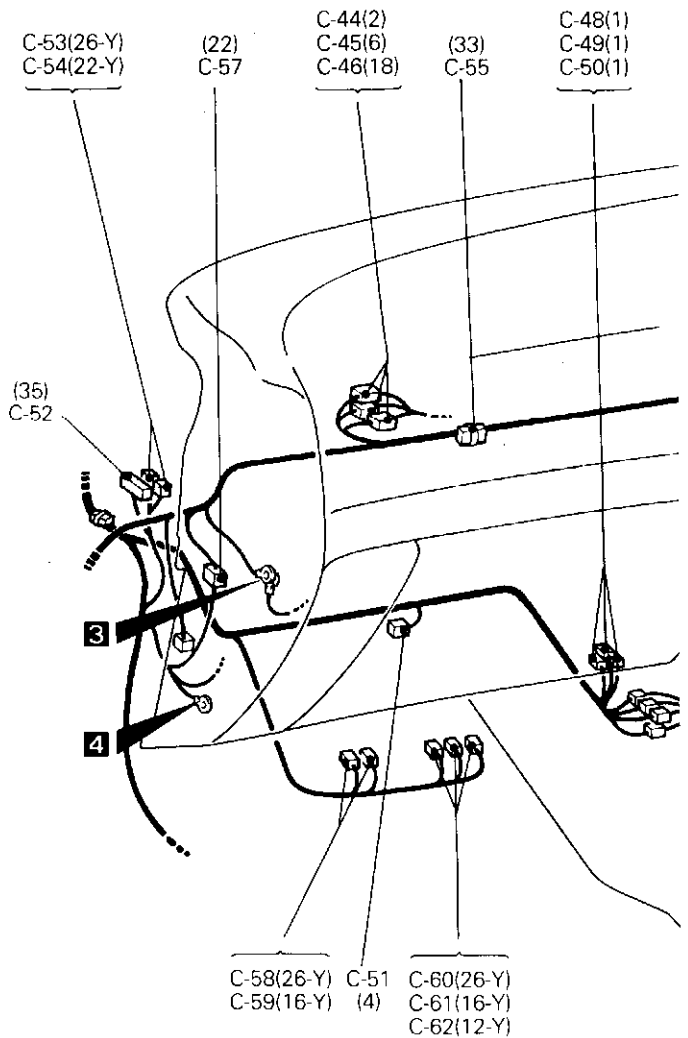
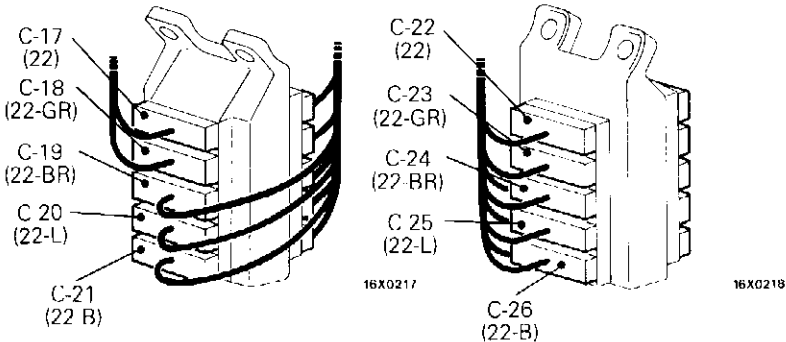
R.H. drive vehicles



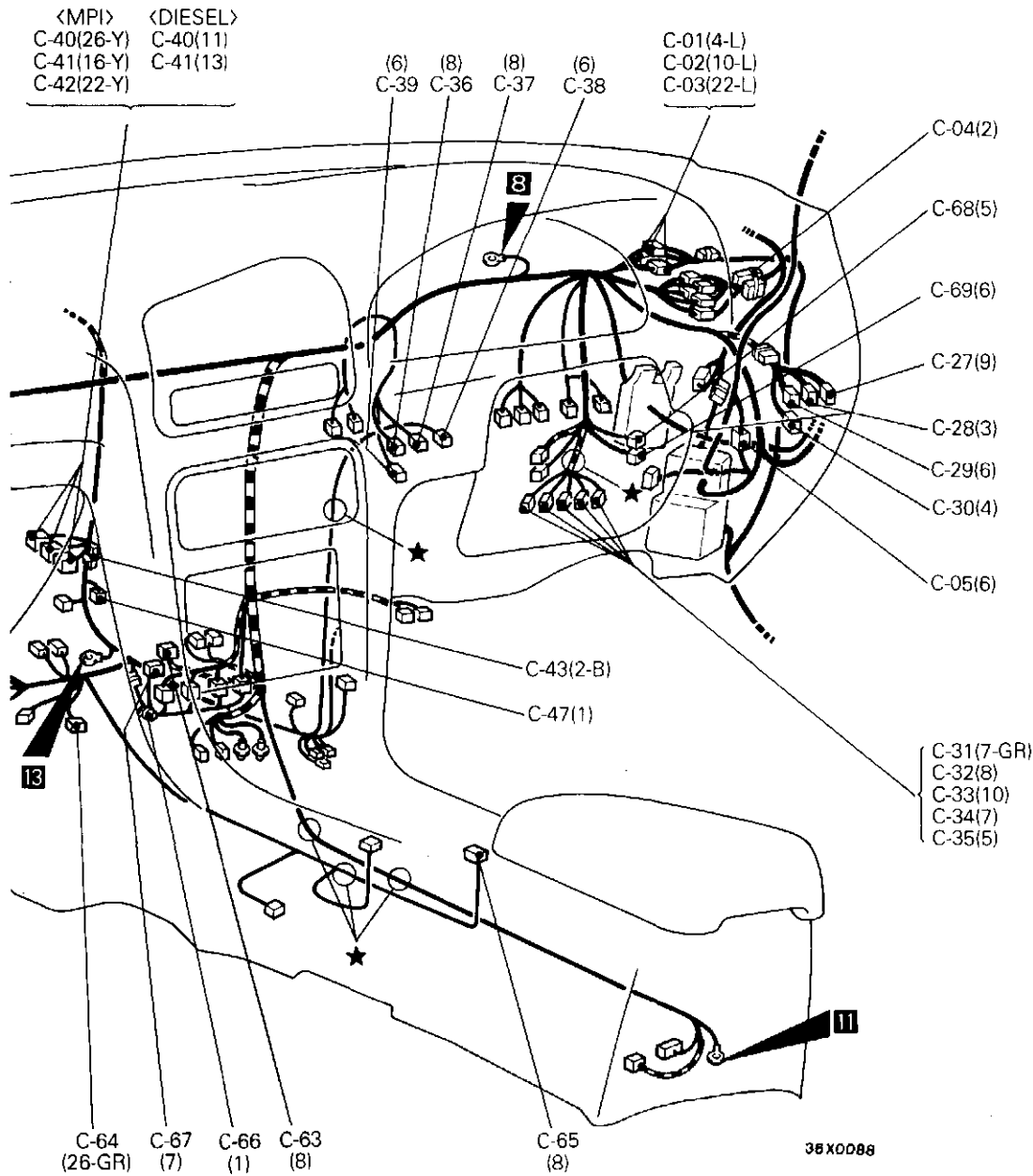
Junction block (1)  
(Front side) (Rear side)



Junction block (2)  
(Front side) (Rear side)



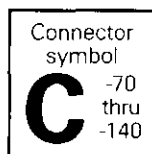
- |   |   |
|---|---|
| C-01 } Dash wiring harness and floor wiring harness combination           | C-15 } Blower relay   |
| C-02 } Dash wiring harness and floor wiring harness combination           | C-16 } Defogger relay   |
| C-03 } Diode <ABS-4WD>  | C-17 } Instrument panel wiring harness and junction block (2) combination |
| C-04 } Diode <ABS-4WD>  | C-18 } Instrument panel wiring harness and junction block (2) combination |
| C-05 } Dash wiring harness and roof wiring harness combination            | C-19 } Dash wiring harness and junction block (2) combination             |
| C-06 } Dash wiring harness and junction block (1) combination             | C-20 } Dash wiring harness and junction block (2) combination             |
| C-07 } Dash wiring harness and junction block (1) combination             | C-21 } Dash wiring harness and junction block (2) combination             |
| C-08 } Dash wiring harness and junction block (1) combination             | C-22 } Remote controlled mirror switch                                    |
| C-09 } Roof wiring harness and junction block (1) combination             | C-23 } Rheostat   |
| C-10 } Front wiring harness and junction block (1) combination            | C-24 } Front fog lamp switch  |
| C-11 } Front wiring harness and junction block (1) combination            | C-25 } Rear fog lamp switch   |
| C-12 } Floor wiring harness and junction block (1) combination            | C-26 } Column switch  |
| C-13 } ETACS-ECU and Buzzer ECU   | C-27 } Column switch  |
| C-14 } Instrument panel wiring harness and junction block (1) combination | C-28 } Column switch  |
|   | C-29 } Column switch  |
|   | C-30 } Column switch  |
|   | C-31 } Column switch  |
|   | C-32 } Column switch  |
|   | C-33 } Column switch  |
|   | C-34 } Column switch  |
|   | C-35 } Column switch  |
|   | C-36 } Rear wiper and washer switch                                       |
|   | C-37 } Auto-cruise control main switch                                    |



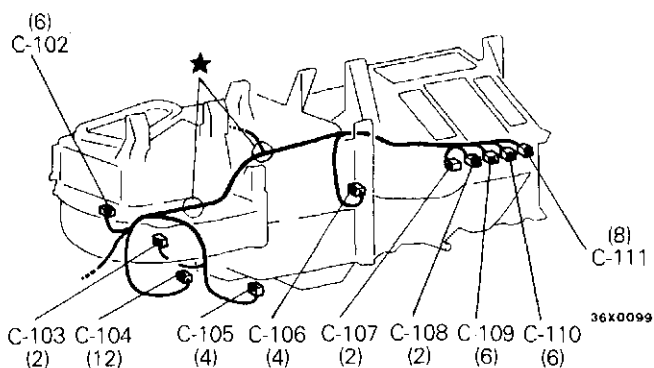
- |      |  |      |  |
|------|--|------|--|
| C-38 | TCL-switch   | C-55 | Jumper connector                                       |
| C-39 | Headlamp leveling switch                               | C-56 | —  |
| C-40 | Engine ECU   | C-57 | Dash wiring harness and ABS wiring harness combination |
| C-41 |  | C-58 | TCL-ECU  |
| C-42 |  | C-59 | TCL-ECU  |
| C-43 | Fuel octane ratio selection connector                  | C-60 | ECS-ECU  |
| C-44 | Dash wiring harness and A/C wiring harness combination | C-61 |  |
| C-45 |  | C-62 |  |
| C-46 | No connection  | C-63 | Door lock ECU  |
| C-47 |  | C-64 | Auto-cruise ECU or spare connector                     |
| thru |  | C-65 | ECS switch   |
| C-50 |  | C-66 | Diagnosis connector <EPS>                              |
| C-51 | ECS relay  | C-67 | EPS-ECU  |
| C-52 | ABS-ECU <4WD>  | C-68 | Key reminder switch                                    |
| C-53 | ABS-ECU <2WD>  | C-69 | Ignition switch  |
| C-54 |  |      |  |



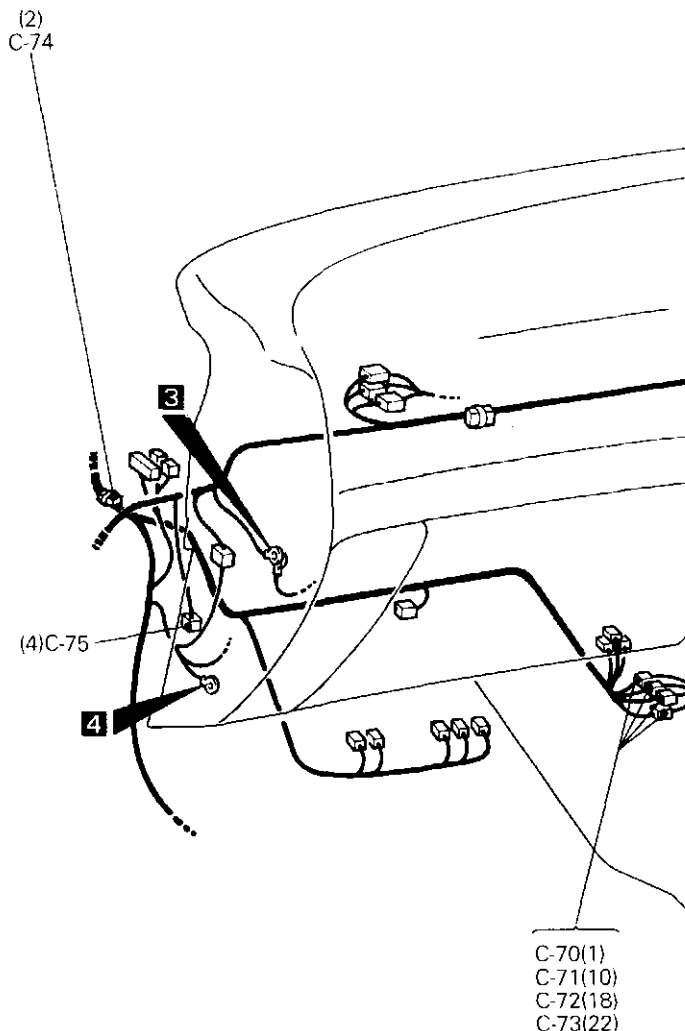
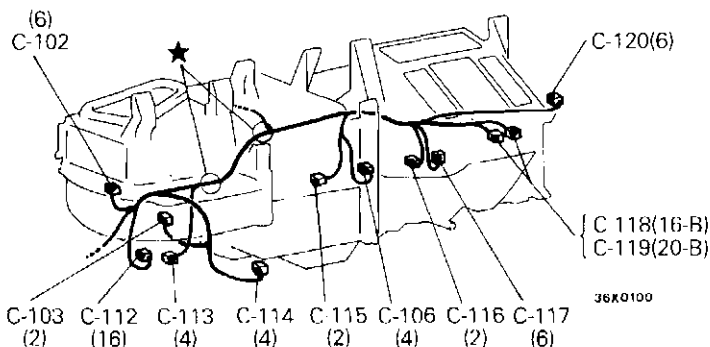
R.H. drive vehicles



<With manual A/C>

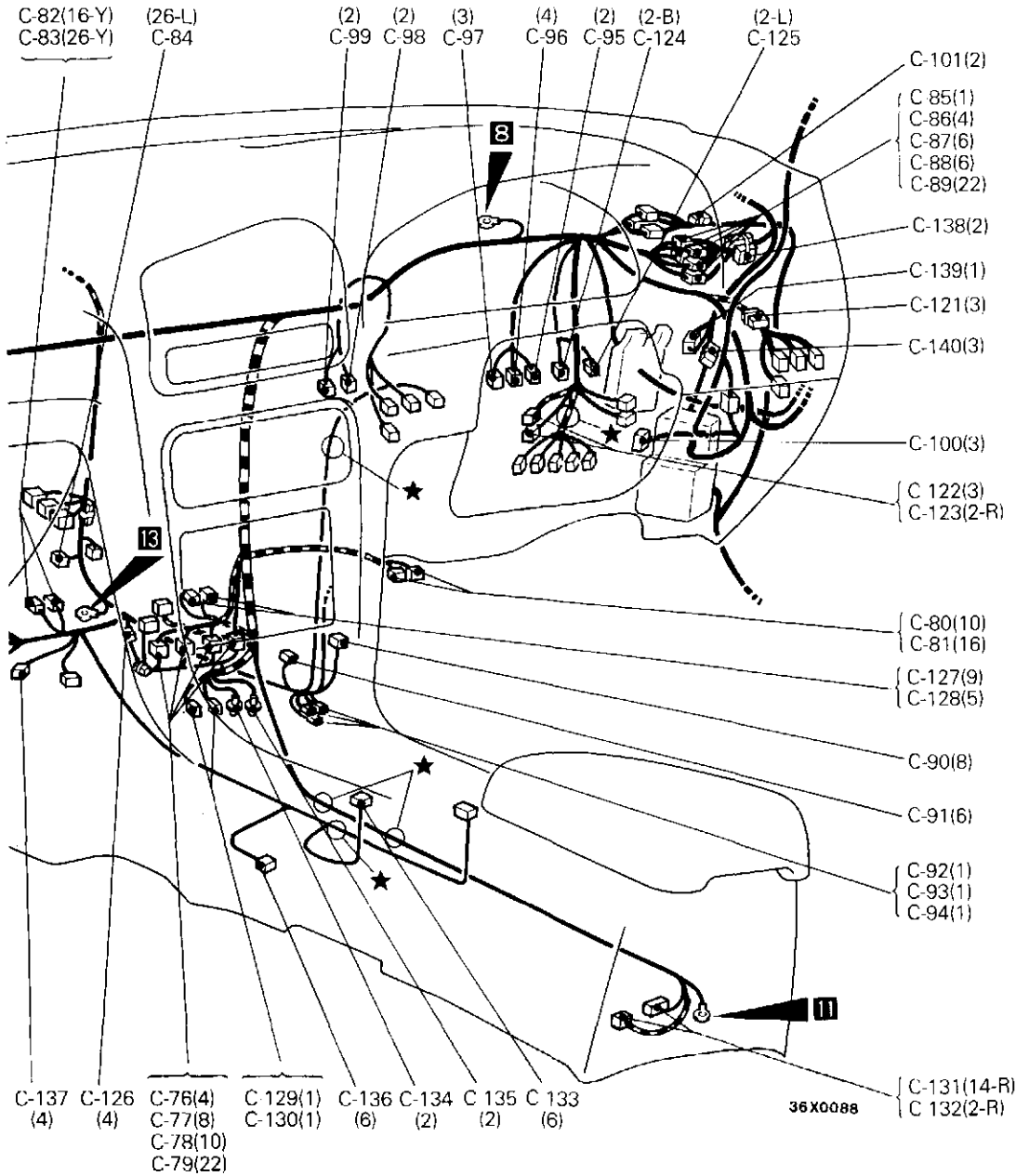


<With full auto A/C>



- C-70 } ABS wiring harness and control wiring harness
- thru } combination
- C-73 }
- C-74 } Diode
- C-75 } Rear fog lamp relay
- C-76 } Dash wiring harness and control wiring harness
- thru } combination
- C-79 }
- C-80 } Diagnosis connector
- C-81 }
- C-82 } ELC-4A/T-ECU
- C-83 }
- C-84 } 4WS-ECU
- C-85 } Front wiring harness and dash wiring harness
- thru } combination
- C-89 }
- C-90 } Engine control relay
- C-91 } Engine oil level relay

- C-92 }
- C-93 } No connection
- C-94 }
- C-95 } Stop lamp switch (2-pin) or no connection
- } <Auto-cruise control>
- C-96 } Stop lamp switch (4-pin) <Auto-cruise control> or no
- } connection
- C-97 } Pedal stroke sensor
- C-98 } Clutch switch <TCL>
- C-99 } Clutch switch <Auto-cruise control>
- C-100 } Turn-signal and hazard flasher unit
- C-101 } Diode (for luggage compartment lamp) <Hatchback>
- C-102 } Air selection damper control motor
- C-103 } Blower motor
- C-104 } Automatic compressor ECU
- C-105 } Resistor
- C-106 } Air purifier

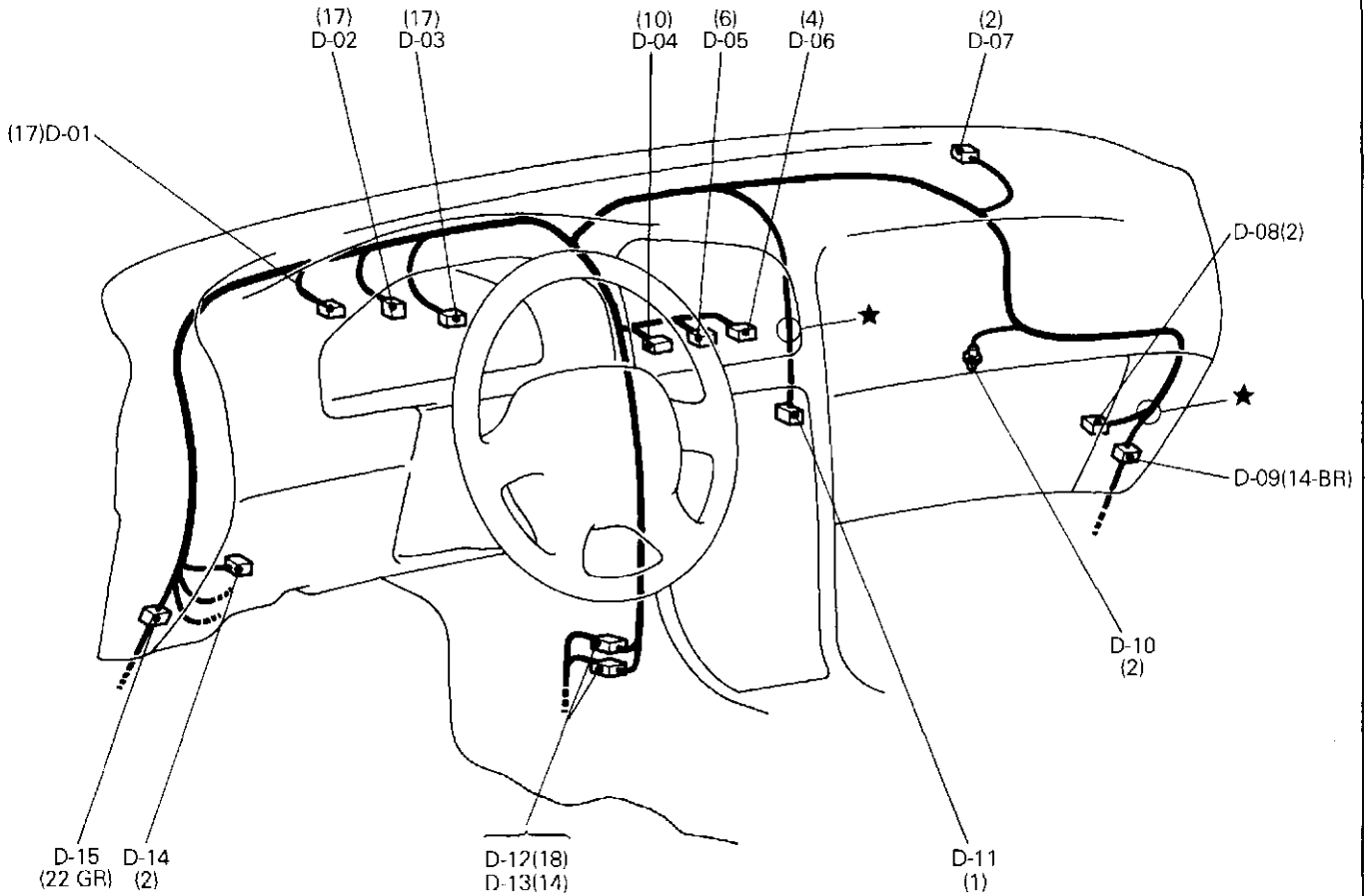
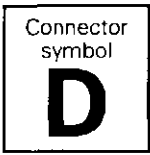


- C-107 Air purifier indicator lamp
- C-108 Heater control illumination lamp
- C-109 Air selection switch
- C-110 A/C switch
- C-111 Blower switch
- C-112 A/C belt lock controller
- C-113 Blower high relay
- C-114 Power transistor
- C-115 Fin thermo sensor
- C-116 Engine coolant temperature sensor
- C-117 Air mixing damper control motor
- C-118 } A/C control panel and ECU assembly
- C-119 }
- C-120 Mode selection damper control motor
- C-121 Diode (for rear fog lamp)
- C-122 } Clock spring
- C-123 }

- C-124 Accelerator pedal switch or no connection
- C-125 Kickdown switch
- C-126 Diode <MPI>
- C-127 } Radio
- C-128 }
- C-129 } Cigarette lighter
- C-130 }
- C-131 } SRS diagnosis unit
- C-132 }
- C-133 Auto/hold change over switch
- C-134 Cigarette lighter illumination lamp
- C-135 Ashtray illumination lamp
- C-136 Overdrive switch
- C-137 Oxygen sensor
- C-138 Diode (for dim-dip lamp)
- C-139 Joint connector
- C-140 Diode (for dim-dip lamp)

# INSTRUMENT PANEL

L.H. drive vehicles

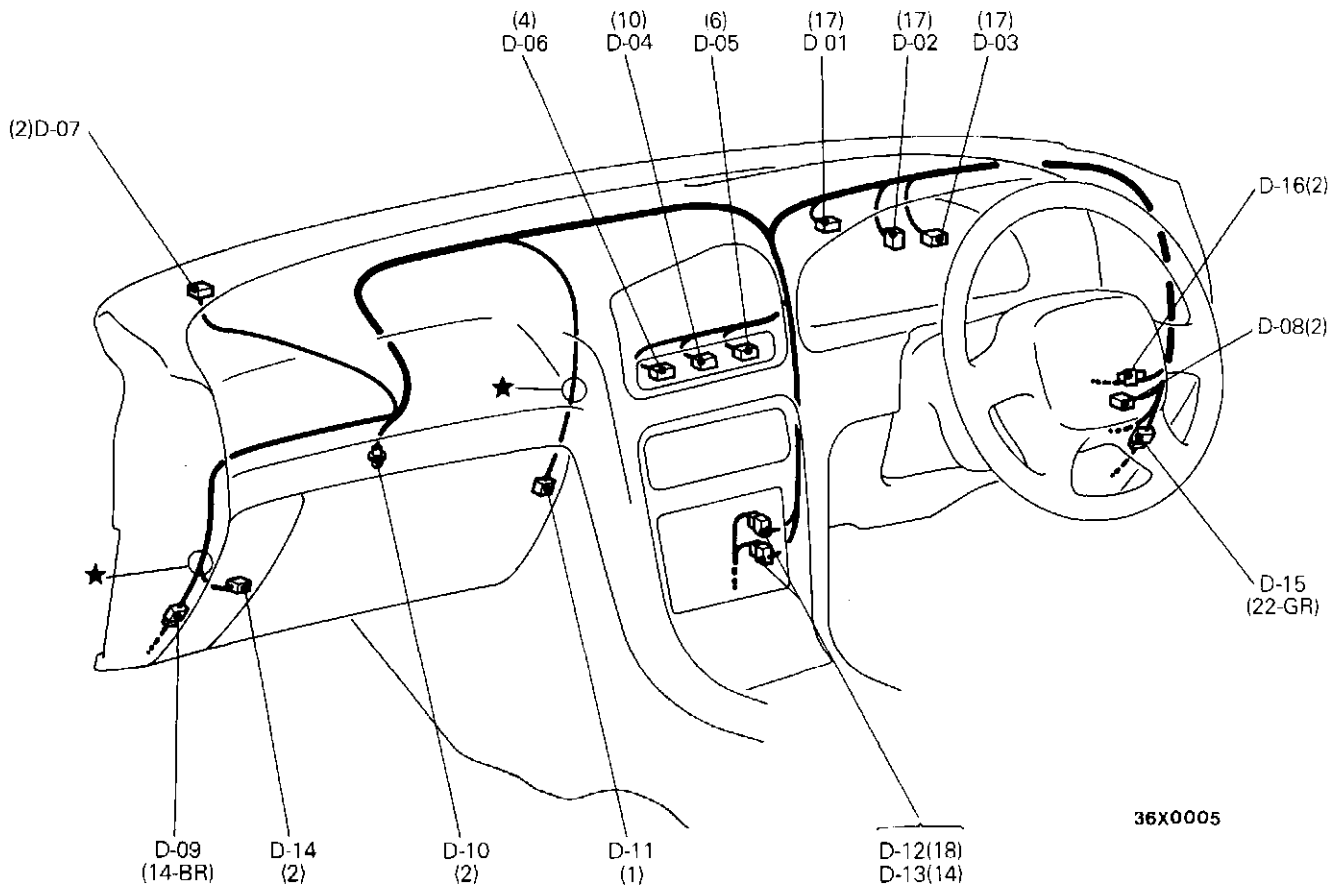
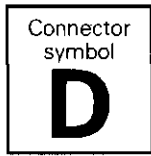


36X0053

|      |  |      |  |
|------|--|------|--|
| D-01 | } Combination meter  | D-10 | Glove box lamp   |
| D-02 |  | D-11 | Glove box lamp switch  |
| D-03 |  | D-12 | } Instrument panel wiring harness and control wiring harness combination |
| D-04 | D-13   |      |  |
| D-05 | Hazard switch  | D-14 | Front speaker (LH)   |
| D-06 | Defogger switch  | D-15 | Instrument panel wiring harness and dash wiring harness combination      |
| D-07 | Clock  | D-16 | —  |
| D-08 | Photo sensor   |      |  |
| D-09 | Instrument panel wiring harness and ABS wiring harness combination |      |  |

# INSTRUMENT PANEL

R.H. drive vehicles

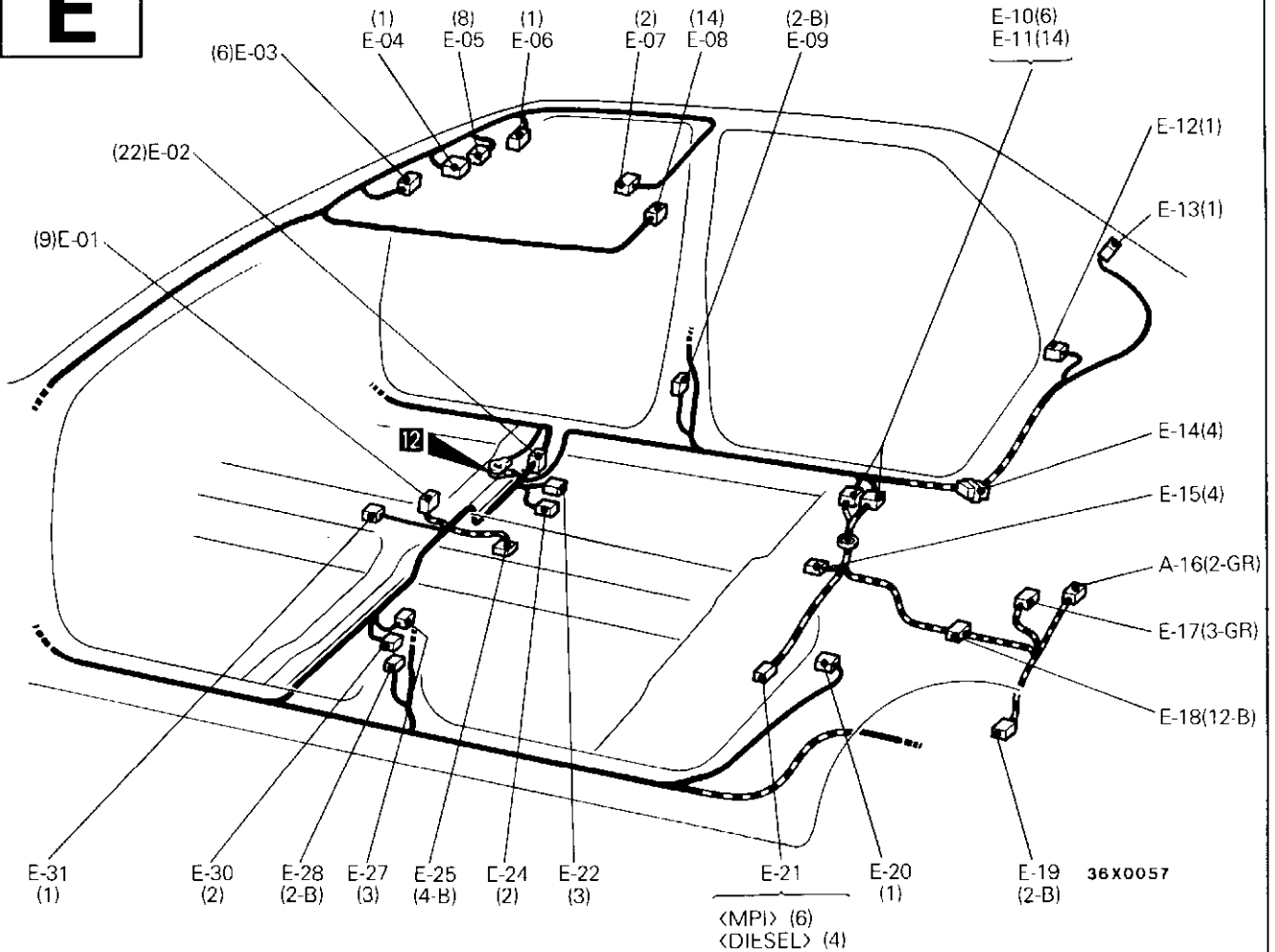
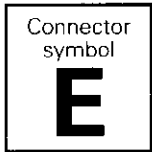


36X0005

- |      |  |   |   |
|------|--|---|---|
| D-01 | } Combination meter  | D-10  | Glove box lamp  |
| D-02 |  | D-11  | Glove box lamp switch   |
| D-03 |  | D-12 } Instrument panel wiring harness and control wiring |   |
| D-04 | Hazard switch  | D-13 }  | harness combination   |
| D-05 | Defogger switch  | D-14  | Front speaker (LH)  |
| D-06 | Clock  | D-15  | Instrument panel wiring harness and dash wiring harness combination |
| D-07 | Photo sensor   | D-16  | Diode <Vehicles with ACTIVE-ECS>                                    |
| D-08 | Front speaker (RH)   |   |   |
| D-09 | Instrument panel wiring harness and ABS wiring harness combination |   |   |

**FLOOR, ROOF**

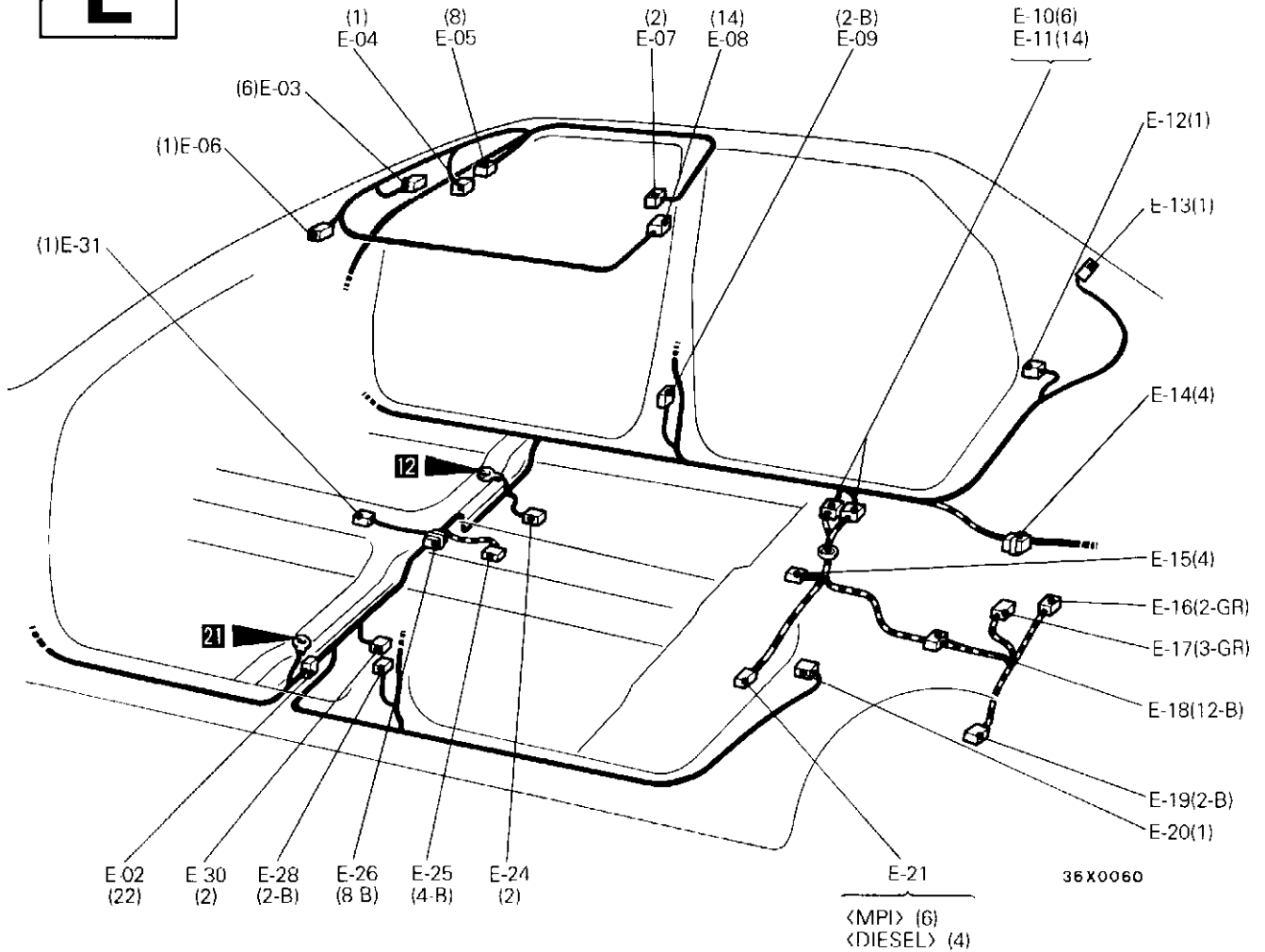
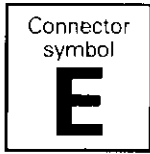
**Sedan <L.H. drive vehicles>**



- |   |   |      |   |
|---|---|------|---|
| E-01  | Heated seat switch                                      | E-17 | Rear stroke sensor  |
| E-02  | Floor wiring harness and ABS wiring harness combination | E-18 | Fuel wiring harness and sensor wiring harness combination |
| E-03  | Sunroof motor   | E-19 | Speed sensor (Rear: LH)                                   |
| E-04  | Spot lamp   | E-20 | Rear door switch (LH)                                     |
| E-05  | Sunroof switch and room lamp <Vehicles with sunroof>    | E-21 | Fuel gauge unit   |
| E-06  | No connection   | E-22 | Heated seat (RH)  |
| E-07  | Room lamp <Vehicles without sunroof>                    | E-23 | —   |
| E-08  | Sunroof ECU   | E-24 | Power seat assembly (RH)                                  |
| E-09  | Front door switch (RH)                                  | E-25 | G sensor  |
| E-10 } Floor wiring harness and fuel wiring harness combination |   | E-26 | —   |
| E-11 }  |   | E-27 | Heated seat (LH)  |
| E-12  | Rear door switch (RH)                                   | E-28 | Front door switch (LH)                                    |
| E-13  | Defogger (+)  | E-29 | —   |
| E-14  | Spare connector   | E-30 | Power seat assembly (LH)                                  |
| E-15  | Sub fuel gauge unit <4WD>                               | E-31 | Parking brake switch                                      |
| E-16  | Speed sensor (Rear: RH)                                 |      |   |

**FLOOR, ROOF**

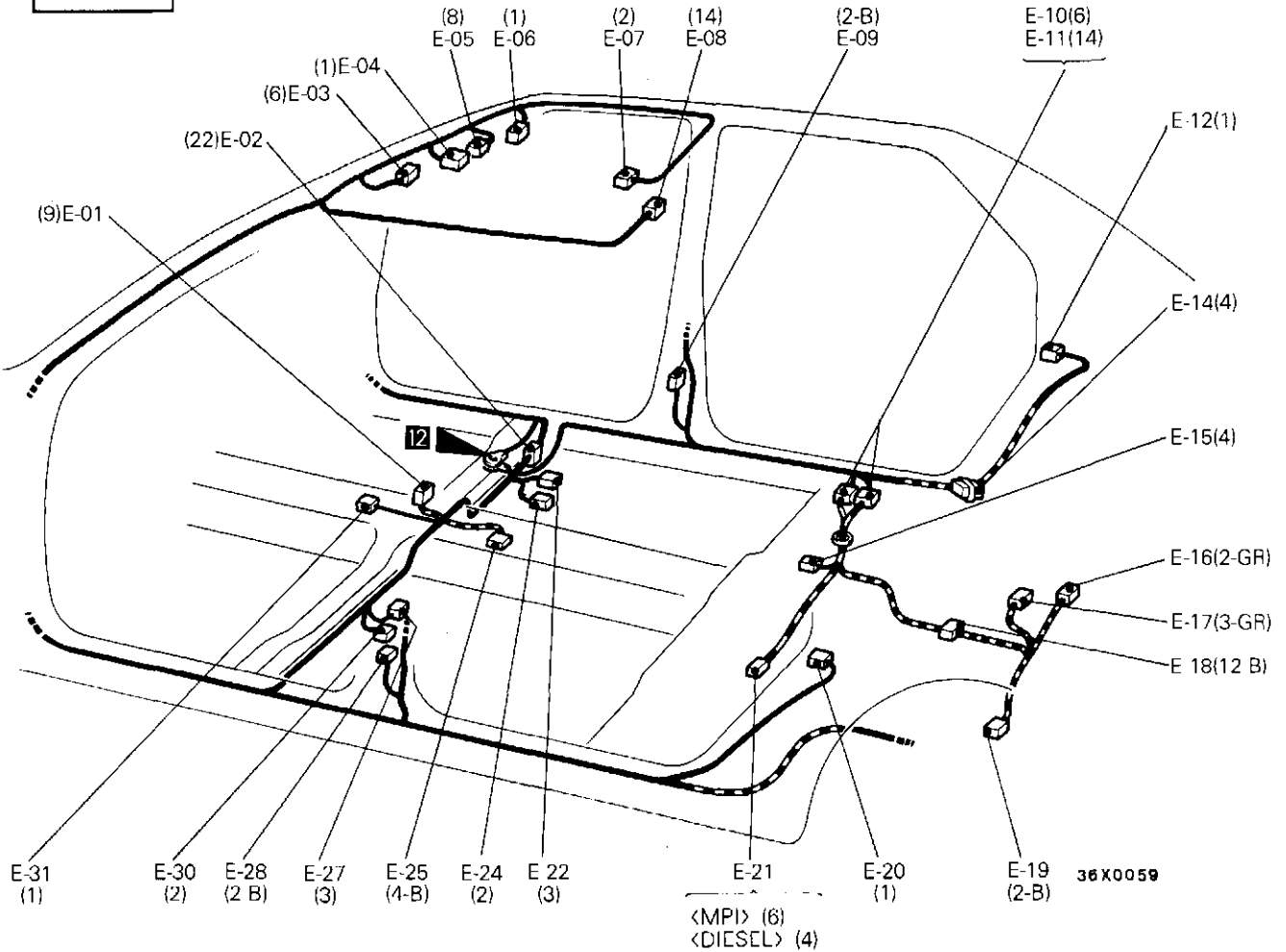
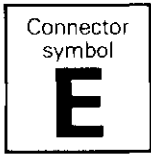
**Sedan <R.H. drive vehicles>**



- |        |  |      |   |
|--------|--|------|---|
| E-01   | —  | E-17 | Rear stroke sensor  |
| E-02   | Floor wiring harness and ABS wiring harness combination  | E-18 | Fuel wiring harness and sensor wiring harness combination |
| E-03   | Sunroof motor  | E-19 | Speed sensor (Rear: LH)                                   |
| E-04   | Spot lamp  | E-20 | Rear door switch (LH)                                     |
| E-05   | Sunroof switch and room lamp <Vehicles with sunroof>     | E-21 | Fuel gauge unit   |
| E-06   | No connection  | E-22 | —   |
| E-07   | Room lamp <Vehicles without sunroof>                     | E-23 | —   |
| E-08   | Sunroof ECU  | E-24 | Power seat assembly (RH)                                  |
| E-09   | Front door switch (RH)                                   | E-25 | G sensor  |
| E-10 } | Floor wiring harness and fuel wiring harness combination | E-26 | No connection   |
| E-11 } |  | E-27 | —   |
| E-12   | Rear door switch (RH)                                    | E-28 | Front door switch (LH)                                    |
| E-13   | Defogger (+)   | E-29 | —   |
| E-14   | Spare connector  | E-30 | Power seat assembly (LH)                                  |
| E-15   | Sub fuel gauge unit <4WD>                                | E-31 | Parking brake switch                                      |
| E-16   | Speed sensor (Rear: RH)                                  |      |   |

**FLOOR, ROOF**

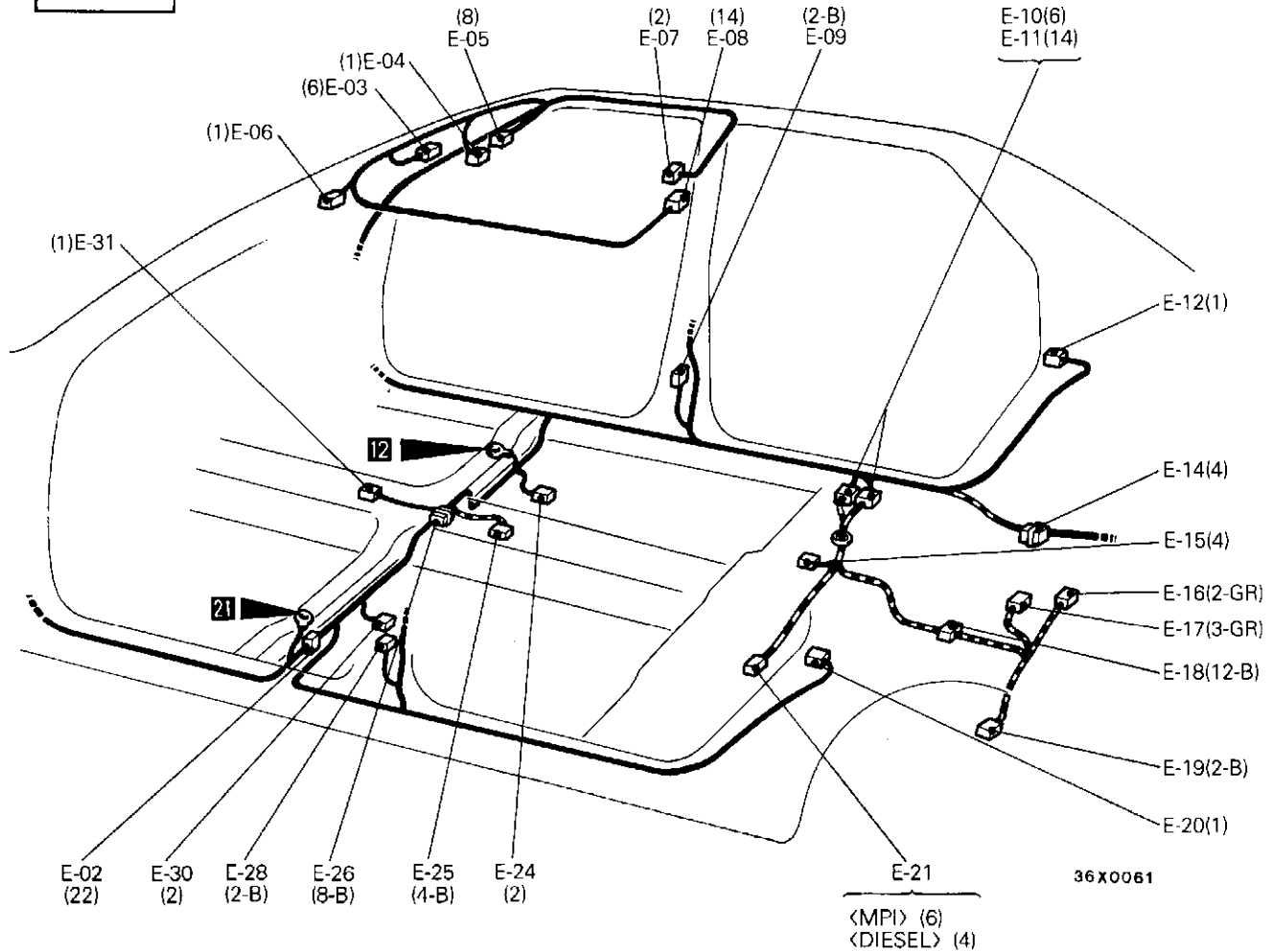
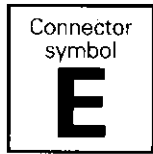
**Hatchback <L.H. drive vehicles>**



- |   |   |      |   |
|---|---|------|---|
| E-01  | Heated seat switch                                      | E-17 | Rear stroke sensor  |
| E-02  | Floor wiring harness and ABS wiring harness combination | E-18 | Fuel wiring harness and sensor wiring harness combination |
| E-03  | Sunroof motor   | E-19 | Speed sensor (Rear: LH)                                   |
| E-04  | Spot lamp   | E-20 | Rear door switch (LH)                                     |
| E-05  | Sunroof switch and room lamp <Vehicles with sunroof>    | E-21 | Fuel gauge unit   |
| E-06  | No connection   | E-22 | Heated seat (RH)  |
| E-07  | Room lamp <Vehicles without sunroof>                    | E-23 | —   |
| E-08  | Sunroof ECU   | E-24 | Power seat assembly (RH)                                  |
| E-09  | Front door switch (RH)                                  | E-25 | G sensor  |
| E-10 } Floor wiring harness and fuel wiring harness |   | E-26 | —   |
| E-11 } combination                                  |   | E-27 | Heated seat (LH)  |
| E-12  | Rear door switch (RH)                                   | E-28 | Front door switch (LH)                                    |
| E-13  | —   | E-29 | —   |
| E-14  | Spare connector   | E-30 | Power seat assembly (LH)                                  |
| E-15  | Sub fuel gauge unit <4WD>                               | E-31 | Parking brake switch                                      |
| E-16  | Speed sensor (Rear: RH)                                 |      |   |

**FLOOR, ROOF**

**Hatchback <R.H. drive vehicles>**

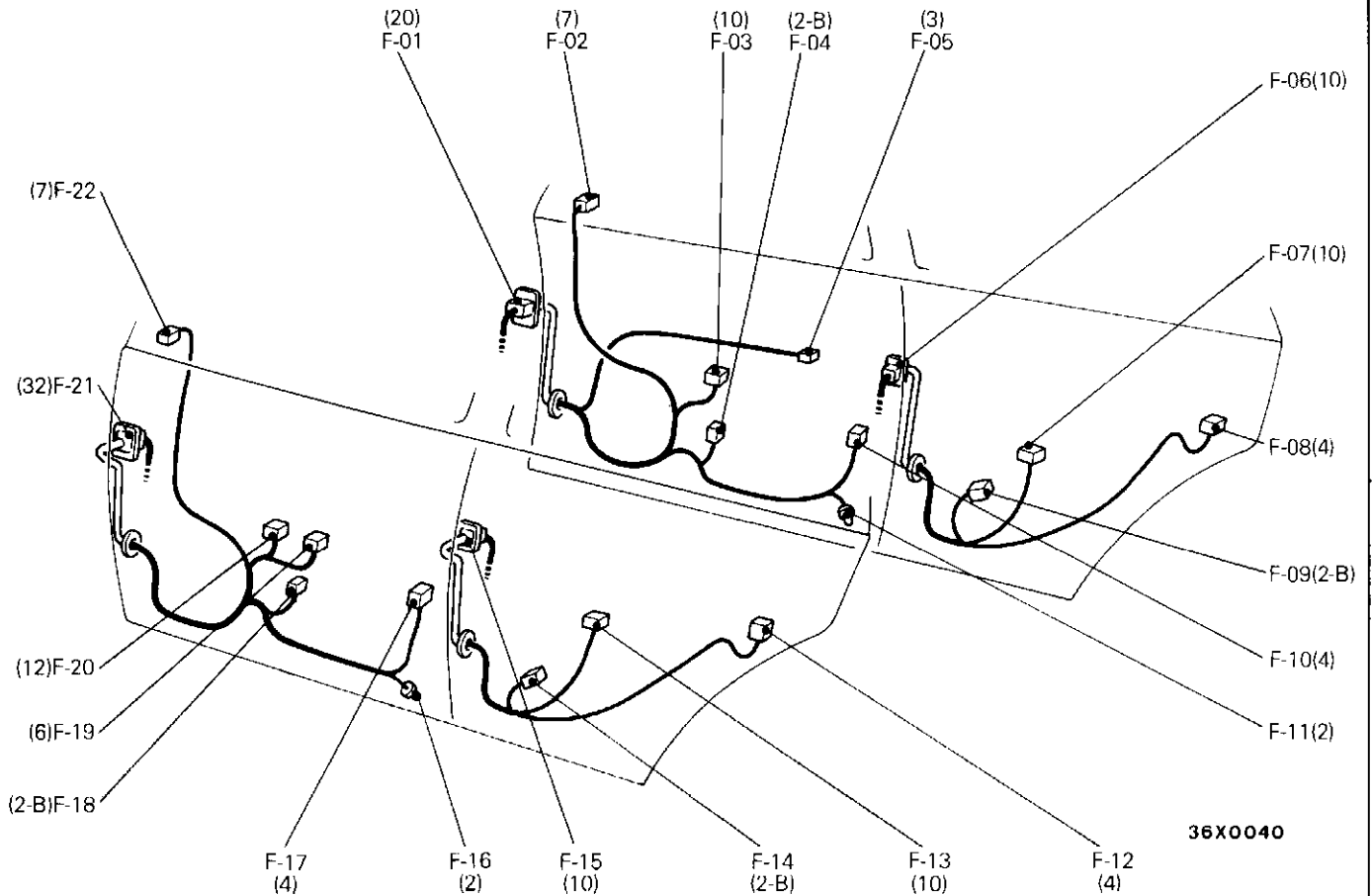
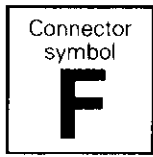


- |   |   |      |   |
|---|---|------|---|
| E-01  | —   | E-17 | Rear stroke sensor  |
| E-02  | Floor wiring harness and ABS wiring harness combination | E-18 | Fuel wiring harness and sensor wiring harness combination |
| E-03  | Sunroof motor   | E-19 | Speed sensor (Rear: LH)                                   |
| E-04  | Spot lamp   | E-20 | Rear door switch (LH)                                     |
| E-05  | Sunroof switch and room lamp <Vehicles with sunroof>    | E-21 | Fuel gauge unit   |
| E-06  | No connection   | E-22 | —   |
| E-07  | Room lamp <Vehicles without sunroof>                    | E-23 | —   |
| E-08  | Sunroof ECU   | E-24 | Power seat assembly (RH)                                  |
| E-09  | Front door switch (RH)                                  | E-25 | G sensor  |
| E-10 } Floor wiring harness and fuel wiring harness combination |   | E-26 | No connection   |
| E-11 }  |   | E-27 | —   |
| E-12  | Rear door switch (RH)                                   | E-28 | Front door switch (LH)                                    |
| E-13  | —   | E-29 | —   |
| E-14  | Spare connector   | E-30 | Power seat assembly (LH)                                  |
| E-15  | Sub fuel gauge unit <4WD>                               | E-31 | Parking brake switch                                      |
| E-16  | Speed sensor (Rear: RH)                                 |      |   |



**DOOR**

**L.H. drive vehicles**

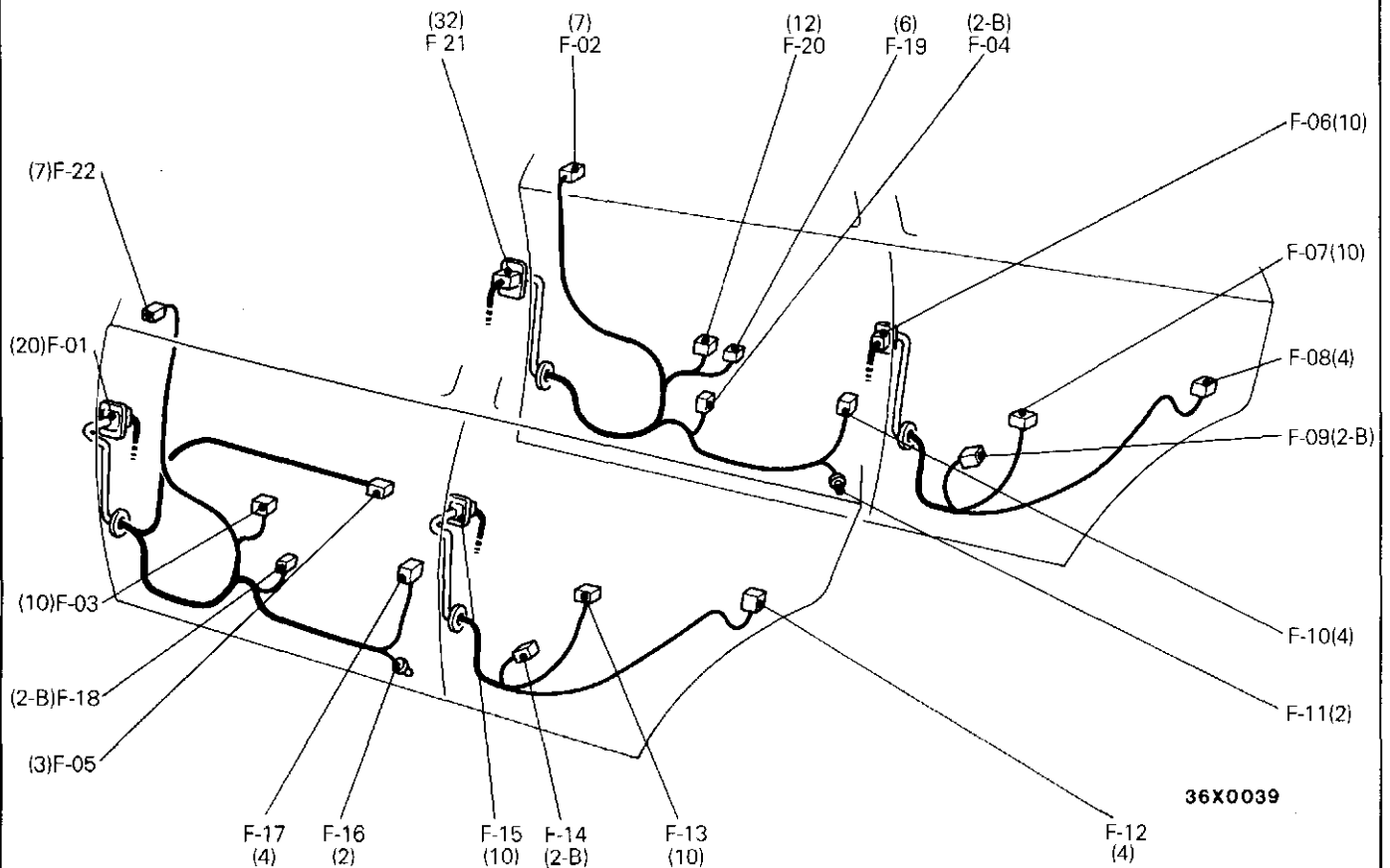
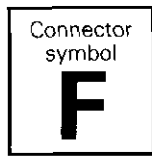


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- |      |  |        |   |
|------|--|--------|---|
| F-01 | Dash wiring harness and front door wiring harness (Passenger's side) combination | F-12   | Door lock actuator (Rear: L.H.)   |
| F-02 | Door mirror (R.H.)   | F-13   | Power window switch (Rear: L.H.)  |
| F-03 | Power window switch (Passenger's side)   | F-14   | Power window motor (Rear: L.H.)   |
| F-04 | Power window motor (Front: R.H.)   | F-15   | Floor wiring harness and rear door wiring harness (L.H.) combination          |
| F-05 | Door lock key cylinder switch  | F-16   | Door lamp (Front: L.H.)   |
| F-06 | Floor wiring harness and rear door wiring harness (R.H.) combination             | F-17   | Door lock actuator (Front: L.H.)  |
| F-07 | Power window switch (Rear: R.H.)   | F-18   | Power window motor (Front: L.H.)  |
| F-08 | Door lock actuator (Rear: R.H.)  | F-19 } | Power window switch (Driver's side)   |
| F-09 | Power window motor (Rear: R.H.)  | F-20 } |   |
| F-10 | Door lock actuator (Front: R.H.)   | F-21   | Dash wiring harness and front door wiring harness (Driver's side) combination |
| F-11 | Door lamp (Front: R.H.)  | F-22   | Door mirror (L.H.)  |

**DOOR**

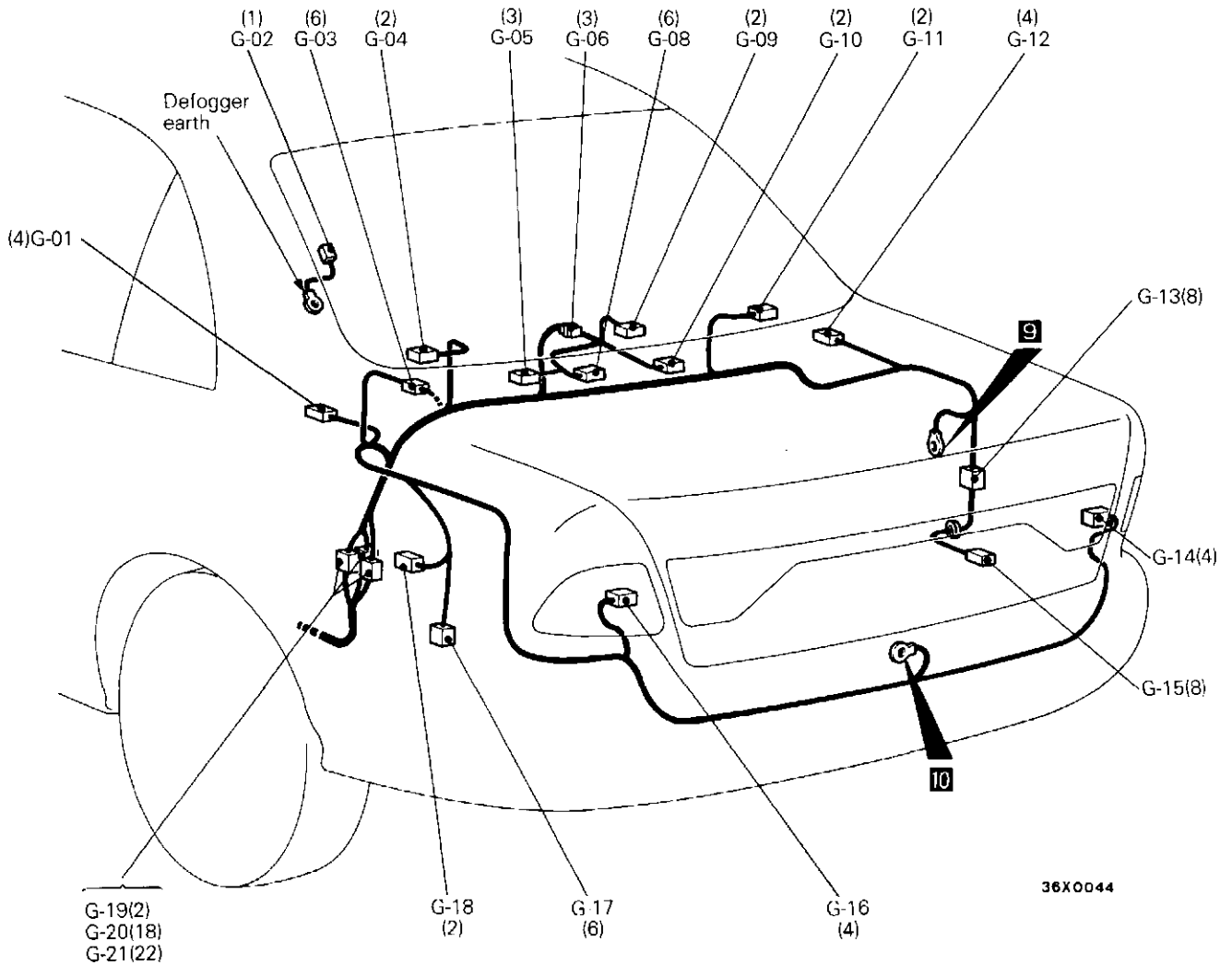
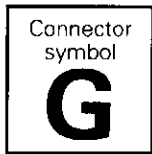
**R.H. drive vehicles**



- |      |  |  |   |
|------|--|--|---|
| F-01 | Dash wiring harness and front door wiring harness (Passenger's side) combination | F-12                                       | Door lock actuator (Rear: L.H.)   |
| F-02 | Door mirror (R.H.)   | F-13                                       | Power window switch (Rear: L.H.)  |
| F-03 | Power window switch (Passenger's side)   | F-14                                       | Power window motor (Rear: L.H.)   |
| F-04 | Power window motor (Front: R.H.)   | F-15                                       | Floor wiring harness and rear door wiring harness (L.H.) combination          |
| F-05 | Door lock key cylinder switch  | F-16                                       | Door lamp (Front: L.H.)   |
| F-06 | Floor wiring harness and rear door wiring harness (R.H.) combination             | F-17                                       | Door lock actuator (Front: L.H.)  |
| F-07 | Power window switch (Rear: R.H.)   | F-18                                       | Power window motor (Front: L.H.)  |
| F-08 | Door lock actuator (Rear: R.H.)  | F-19 } Power window switch (Driver's side) |   |
| F-09 | Power window motor (Rear: R.H.)  | F-20 }                                     |   |
| F-10 | Door lock actuator (Front: R.H.)   | F-21                                       | Dash wiring harness and front door wiring harness (Driver's side) combination |
| F-11 | Door lamp (Front: R.H.)  | F-22                                       | Door mirror (L.H.)  |

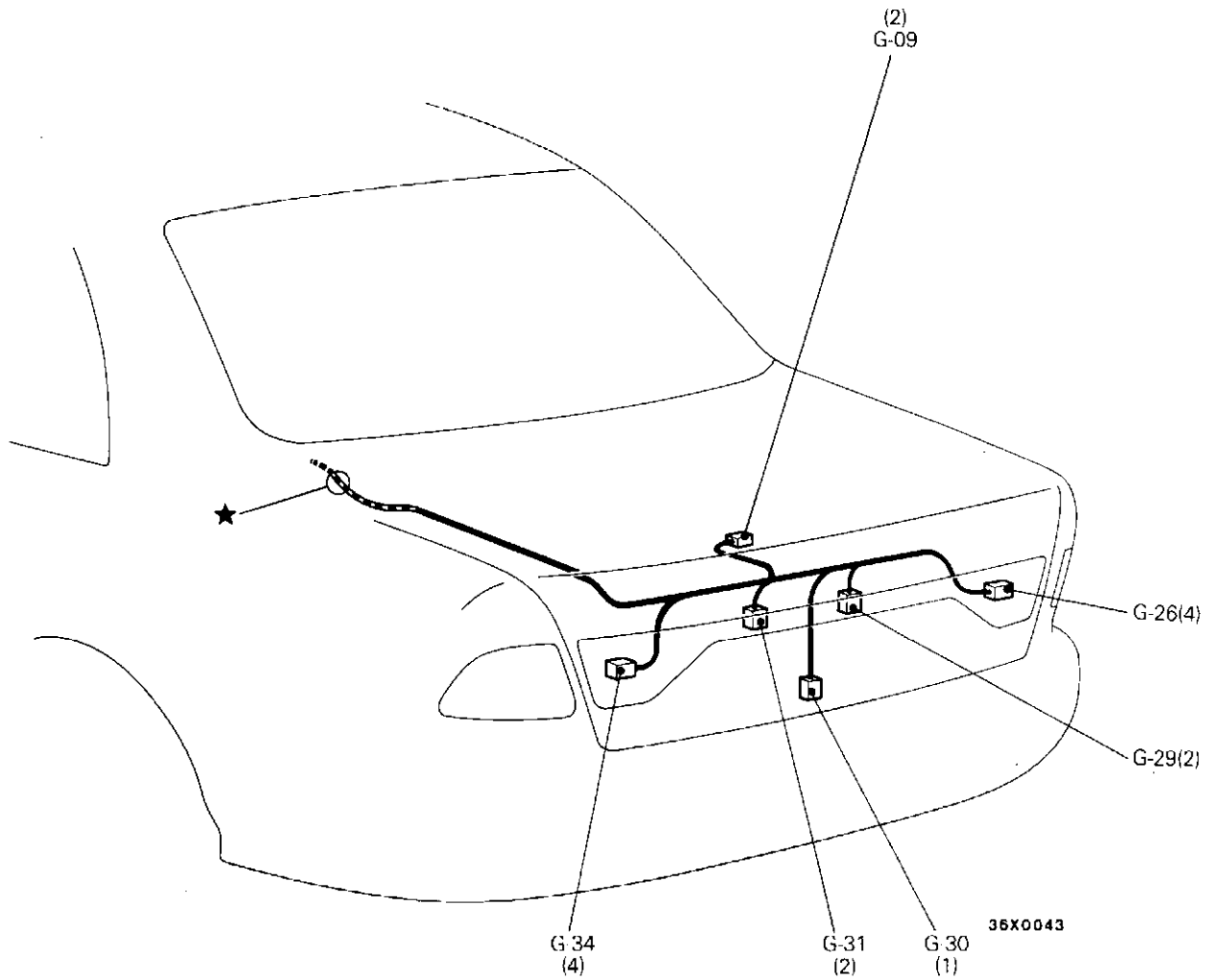
# LUGGAGE COMPARTMENT

Sedan <L.H. drive vehicles>



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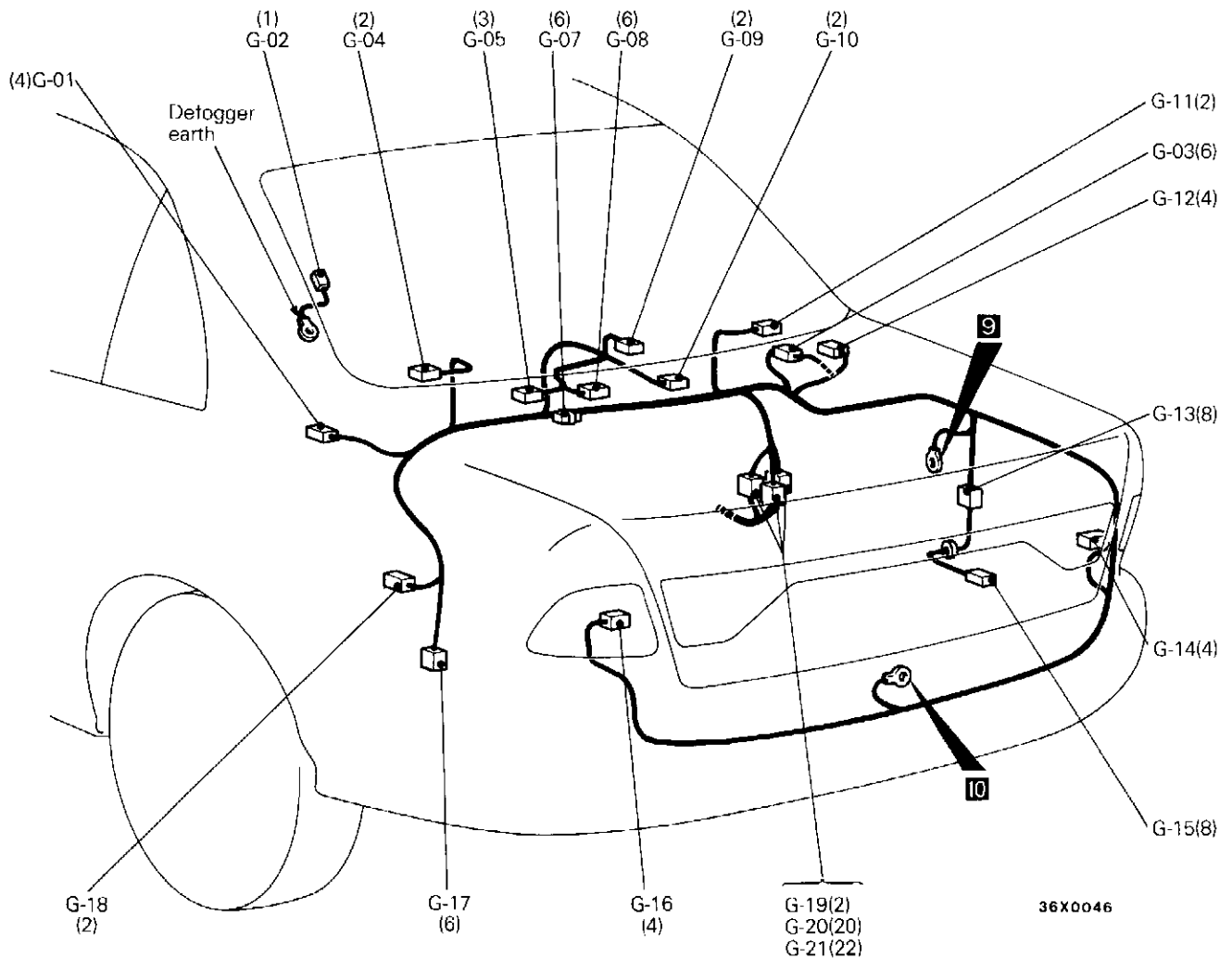
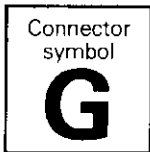
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|------|---|------|--|
| G-01 | Shock absorber (Rear: LH)   | G-09 | High mounted stop lamp   |
| G-02 | Defogger (—)  | G-10 | Luggage compartment lamp   |
| G-03 | Trunk room wiring harness and rear lid wiring harness combination | G-11 | Rear speaker (RH)  |
| G-04 | Rear speaker (LH)   | G-12 | Shock absorber (Rear: RH)  |
| G-05 | Rear wiper motor  | G-13 | Trunk room wiring harness and ECS sub wiring harness combination |
| G-06 | No connection   | G-14 | Rear combination lamp (RH)                                       |
| G-07 | —   | G-15 | Rear solenoid valve assembly                                     |
| G-08 | Rear intermittent wiper relay                                     | G-16 | Rear combination lamp (LH)                                       |



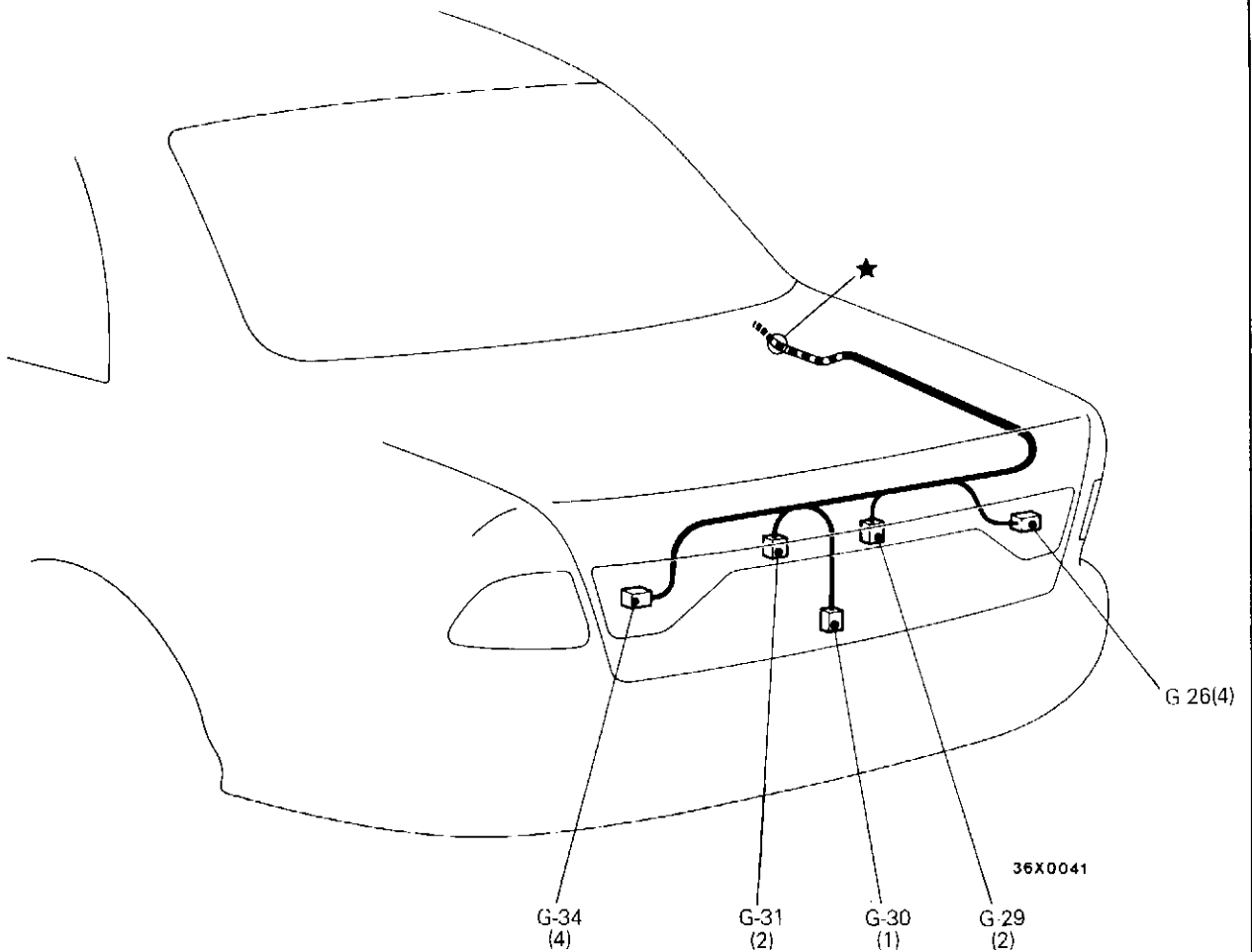
|                            |  |                    |                         |                                 |
|----------------------------|--|--------------------|-------------------------|---------------------------------|
| G-17                       | Motor antenna  | G-27               | —                       |                                 |
| G-18                       | Rear washer motor  | G-28               | —                       |                                 |
| G-19 }<br>G-20 }<br>G-21 } | Trunk room wiring harness and floor wiring harness combination | G-29               | Licence plate lamp (RH) |                                 |
| G-22 }<br>thru }<br>G-25 } |  | —                  | G-30                    | Luggage compartment lamp switch |
| G-26                       |  | Rear lid lamp (RH) | G-31                    | Licence plate lamp (LH)         |
|                            |  | G-32               | —                       |                                 |
|                            |  | G-33               | —                       |                                 |
|                            |  | G-34               | Rear lid lamp (LH)      |                                 |

# LUGGAGE COMPARTMENT

Sedan <R.H. drive vehicles>



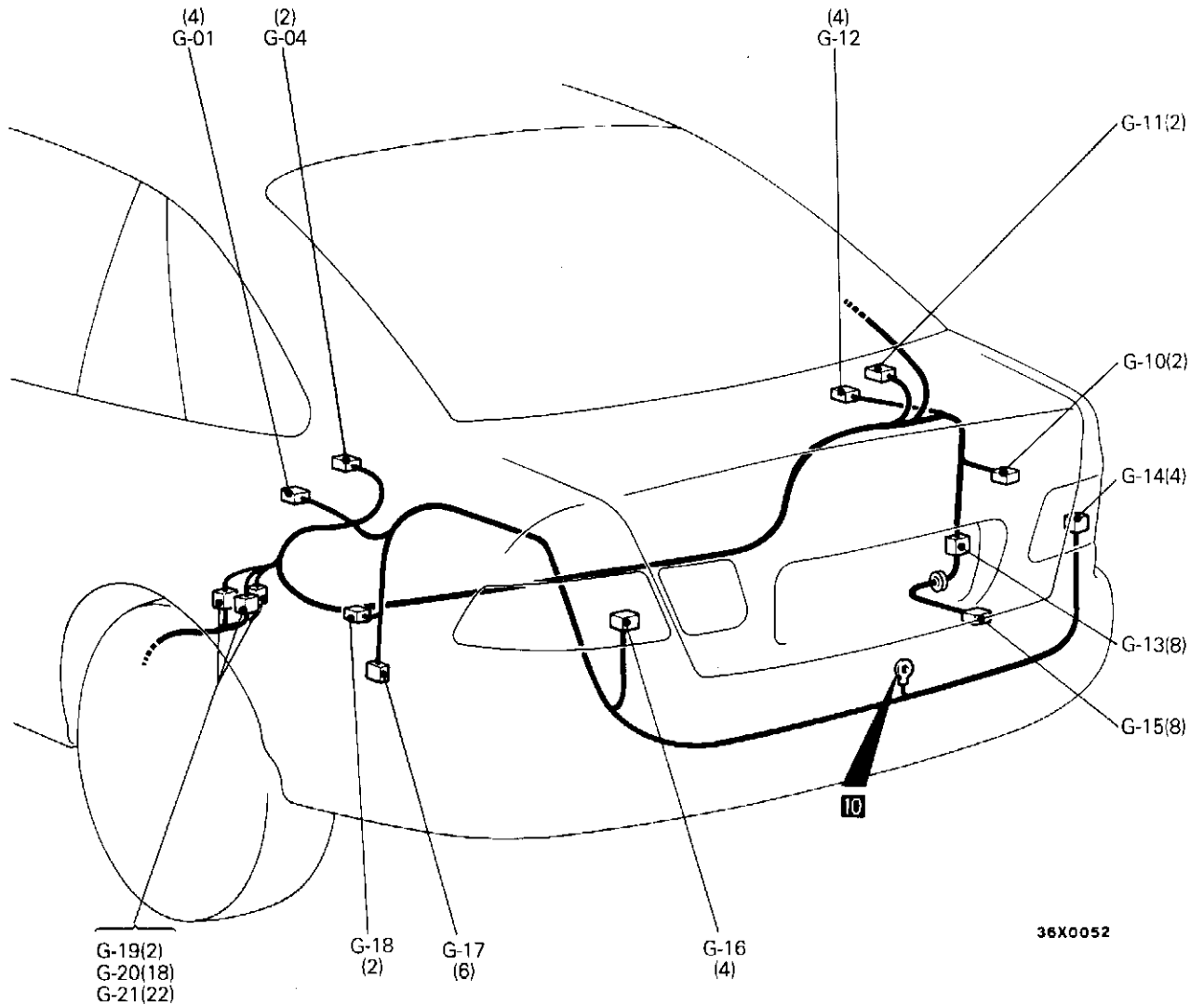
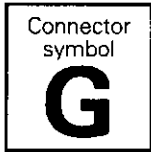
- |      |   |      |  |
|------|---|------|--|
| G-01 | Shock absorber (Rear: LH)   | G-09 | No connection  |
| G-02 | Defogger (-)  | G-10 | Luggage compartment lamp   |
| G-03 | Trunk room wiring harness and rear lid wiring harness combination | G-11 | Rear speaker (RH)  |
| G-04 | Rear speaker (LH)   | G-12 | Shock absorber (Rear: RH)  |
| G-05 | Rear wiper motor  | G-13 | Trunk room wiring harness and ECS sub wiring harness combination |
| G-06 | -   | G-14 | Rear combination lamp (RH)                                       |
| G-07 | No connection   | G-15 | Rear solenoid valve assembly                                     |
| G-08 | Rear intermittent wiper relay                                     | G-16 | Rear combination lamp (LH)                                       |



|                            |  |      |                                 |
|----------------------------|--|------|---------------------------------|
| G-17                       | Motor antenna  | G-27 | —                               |
| G-18                       | Rear washer motor  | G-28 | —                               |
| G-19 }<br>G-20 }<br>G-21 } | Trunk room wiring harness and floor wiring harness combination | G-29 | Licence plate lamp (RH)         |
| G-22 }<br>thru }<br>G-25 } | —  | G-30 | Luggage compartment lamp switch |
| G-26                       | Rear lid lamp (RH)   | G-31 | Licence plate lamp (LH)         |
|                            |  | G-32 | —                               |
|                            |  | G-33 | —                               |
|                            |  | G-34 | Rear lid lamp (LH)              |

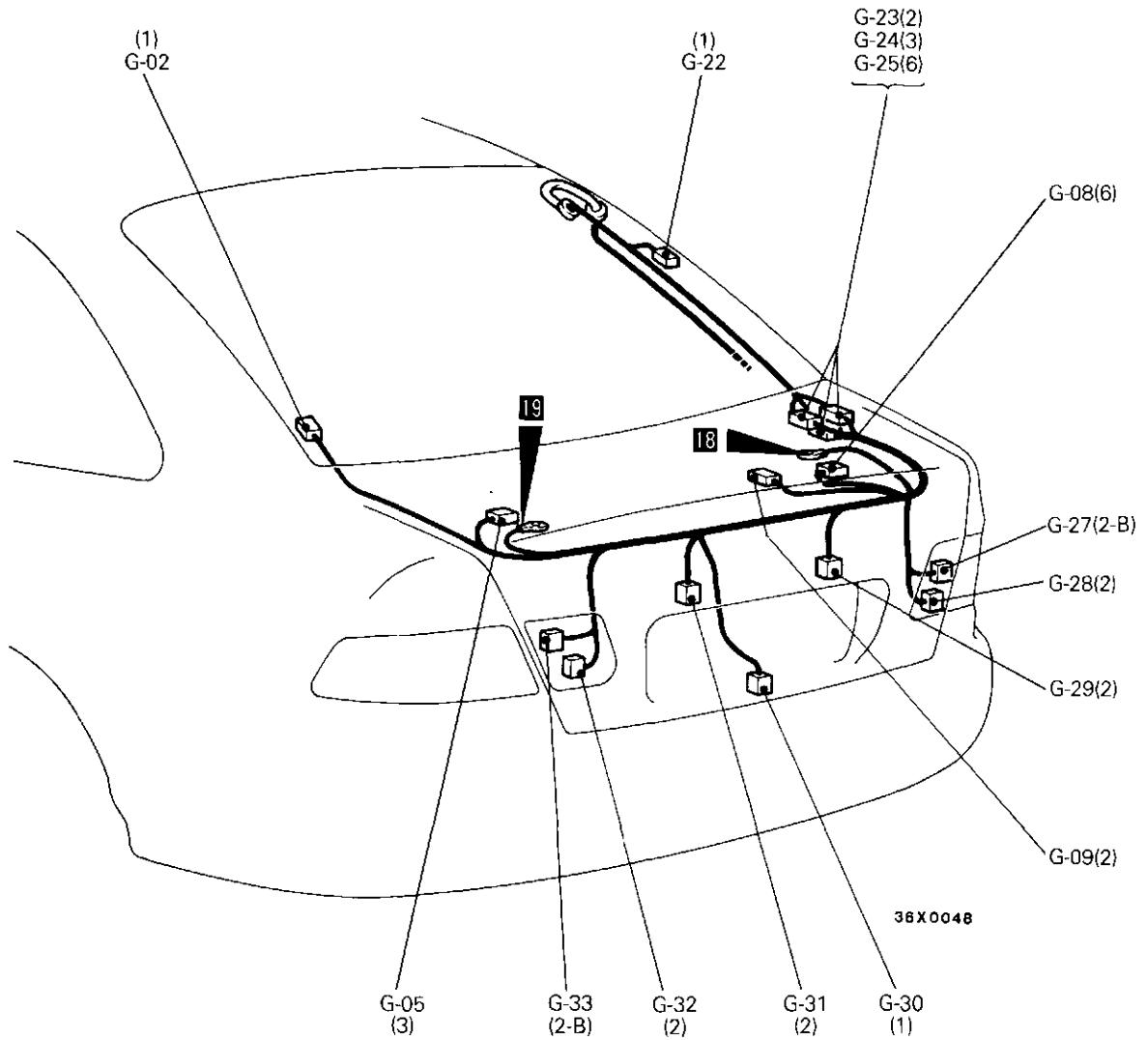
# LUGGAGE COMPARTMENT

Hatchback <L.H. drive vehicles>



- G-01 Shock absorber (Rear: LH)
- G-02 Defogger (-)
- G-03 -
- G-04 Rear speaker (LH)
- G-05 Rear wiper motor
- G-06 -
- G-07 -
- G-08 Rear intermittent wiper relay
- G-09 High mounted stop lamp

- G-10 Luggage compartment lamp
- G-11 Rear speaker (RH)
- G-12 Shock absorber (Rear: RH)
- G-13 Trunk room wiring harness and ECS sub wiring harness combination
- G-14 Rear combination lamp (RH)
- G-15 Rear solenoid valve assembly
- G-16 Rear combination lamp (LH)
- G-17 Motor antenna

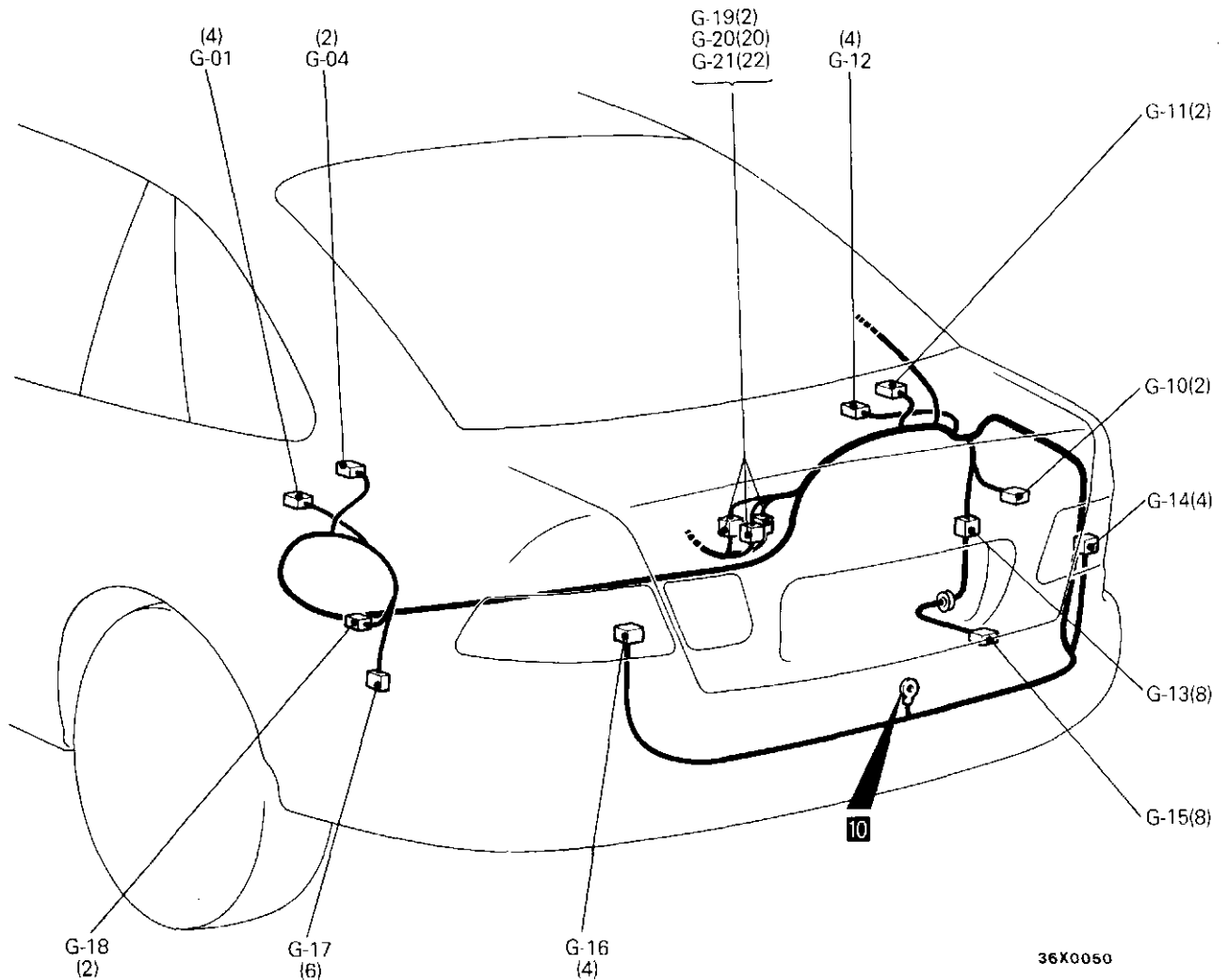
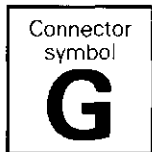


- |      |   |      |                                 |
|------|---|------|---------------------------------|
| G-18 | Rear wather motor   | G-27 | Rear fog lamp (RH)              |
| G-19 | Trunk room wiring harness and floor wiring harness combination    | G-28 | Back-up lamp (RH)               |
| G-20 |   | G-29 | Licence plate lamp (RH)         |
| G-21 |   | G-30 | Luggage compartment lamp switch |
| G-22 | Defogger (+)  | G-31 | Licence plate lamp (LH)         |
| G-23 | Trunk room wiring harness and tailgate wiring harness combination | G-32 | Back-up lamp (LH)               |
| G-24 |   | G-33 | Rear fog lamp (LH)              |
| G-25 |   | G-34 | —                               |
| G-26 | —   |      |                                 |

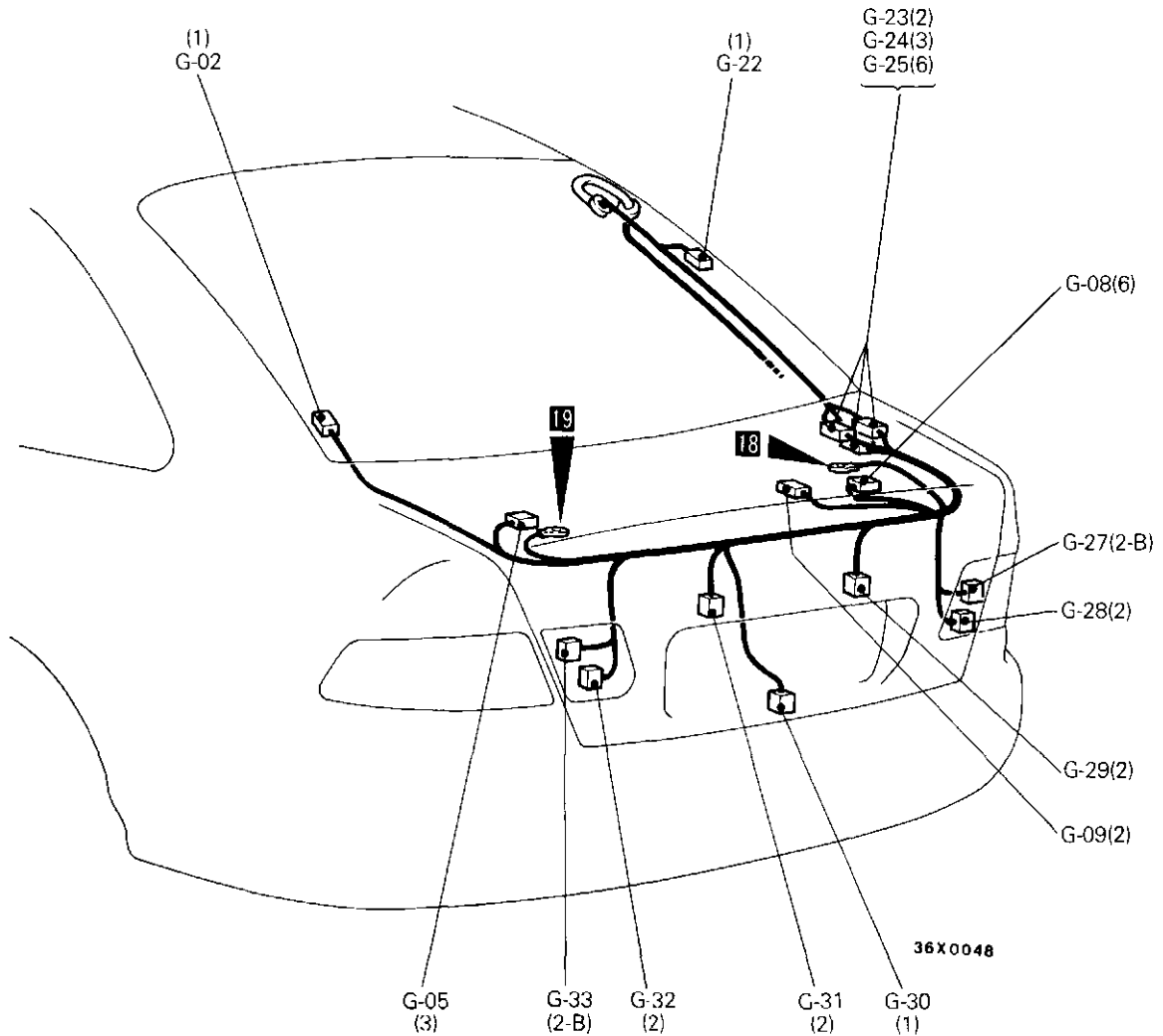


# LUGGAGE COMPARTMENT

Hatchback <R.H. drive vehicles>



|      |                               |      |  |
|------|-------------------------------|------|--|
| G-01 | Shock absorber (Rear: LH)     | G-10 | Luggage compartment lamp   |
| G-02 | Defogger (—)                  | G-11 | Rear speaker (RH)  |
| G-03 | —                             | G-12 | Shock absorber (Rear: RH)  |
| G-04 | Rear speaker (LH)             | G-13 | Trunk room wiring harness and ECS sub wiring harness combination |
| G-05 | Rear wiper motor              | G-14 | Rear combination lamp (RH)                                       |
| G-06 | —                             | G-15 | Rear solenoid valve assembly                                     |
| G-07 | —                             | G-16 | Rear combination lamp (LH)                                       |
| G-08 | Rear intermittent wiper relay | G-17 | Motor antenna  |
| G-09 | High mounted stop lamp        |      |  |



- |      |   |      |                                 |
|------|---|------|---------------------------------|
| G-18 | Rear wather motor   |      |                                 |
| G-19 | Trunk room wiring harness and floor wiring harness combination    | G-27 | Rear fog lamp (RH)              |
| G-20 |   | G-28 | Back-up lamp (RH)               |
| G-21 |   | G-29 | Licence plate lamp (RH)         |
| G-22 | Defogger (+)  | G-30 | Luggage compartment lamp switch |
| G-23 | Trunk room wiring harness and tailgate wiring harness combination | G-31 | Licence plate lamp (LH)         |
| G-24 |   | G-32 | Back-up lamp (LH)               |
| G-25 |   | G-33 | Rear lid lamp (LH)              |
| G-26 | —   | G-34 | —                               |

### 3 SINGLE PART INSTALLATION POSITION

|                             |      |
|-----------------------------|------|
| RELAY .....                 | 3-2  |
| CONTROL UNIT .....          | 3-6  |
| SENSOR .....                | 3-8  |
| SOLENOID VALVE .....        | 3-14 |
| DIODE .....                 | 3-16 |
| INSPECTION TERMINAL .....   | 3-17 |
| FUSIBLE LINK AND FUSE ..... | 3-18 |
| EARTH CABLE .....           | 3-19 |
| EARTH .....                 | 3-20 |

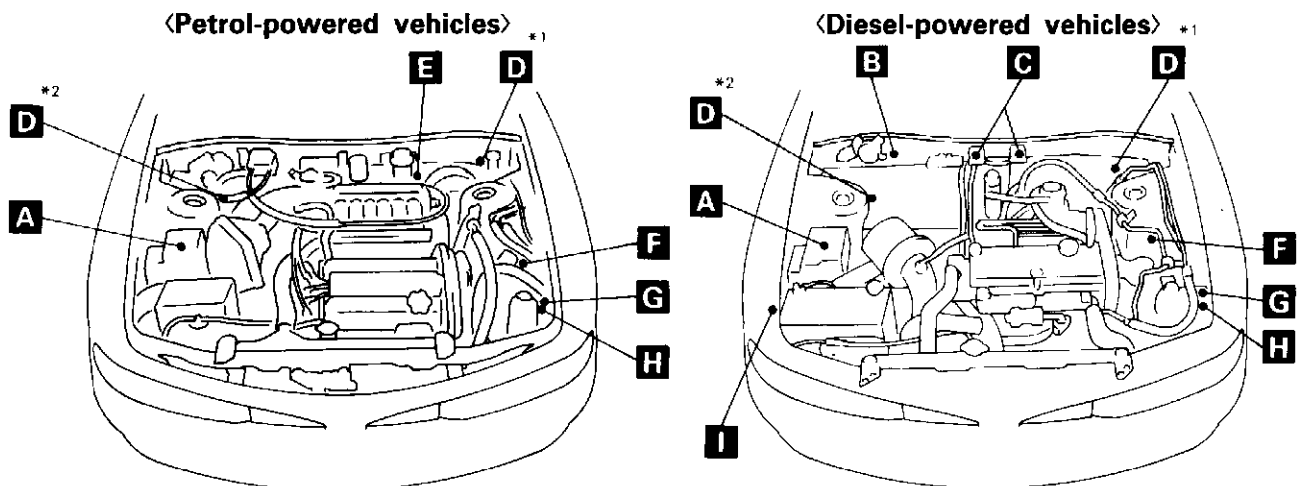
## RELAY

| Name                                   | Symbol              | Name  | Symbol                           |
|--|---------------------|---|----------------------------------|
| ABS power relay <4WD>                  | A                   | Glow plug relay (I) <4D68>                  | C                                |
| A/C compressor relay                   | A                   | Glow plug relay (II) <4D68>                 | C                                |
| Alternator relay                       | A                   | Headlamp relay                              | A                                |
| Blower relay                           | P                   | Headlamp washer relay                       | F                                |
| Blower relay (HI) <Full automatic A/C> | L                   | Horn relay <SRS>                            | A                                |
| Compressor relay <ACTIVE-ECS>          | E                   | Intermittent wiper relay (Windshield wiper) | J                                |
| Condenser fan relay (HI)               | A                   | Motor relay <ABS>                           | D                                |
| Condenser fan relay (LO)               | A                   | Radiator fan relay (HI)                     | A                                |
| Daytime running lamp relay (I)         | L.H. drive vehicles | H   | Radiator fan relay (LO) <MPI>    |
| Daytime running lamp relay (II)        |                     | H   | Radiator fan relay (LO-I) <4D68> |
| Defogger relay                         | P                   | Radiator fan relay (LO-II) <4D68>           | A                                |
| Dim-dip lamp relay (I)                 | R.H. drive vehicles | G   | Rear fog lamp relay              |
| Dim-dip lamp relay (II)                |                     | G   | Rear intermittent wiper relay    |
| Dim-dip lamp relay (III)               |                     | G   | Return pump relay <ACTIVE-ECS>   |
| ECS relay <ACTIVE-ECS>                 | M                   | Starter relay <4D68>                        | B                                |
| Engine control relay <MPI>             | O                   | Tail lamp relay                             | A                                |
| Engine oil cooler fan relay <4D68>     | I                   | Turn signal and hazard flasher unit         | P                                |
| Engine oil level relay                 | N                   | Valve relay <ABS>                           | D                                |
| Front fog lamp relay                   | A                   |   |                                  |

## NOTE

The "Name" column is arranged in alphabetical order.

## Engine compartment



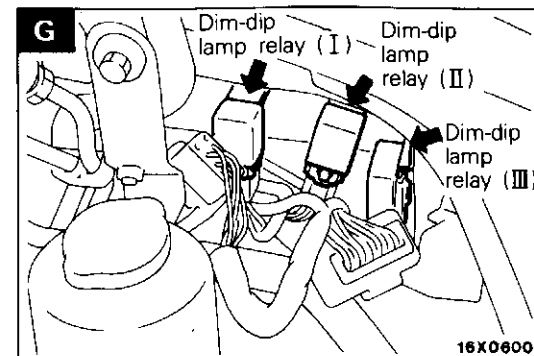
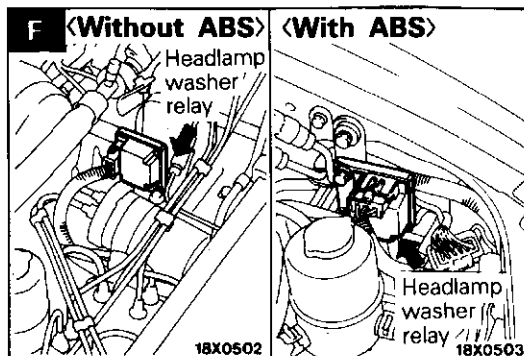
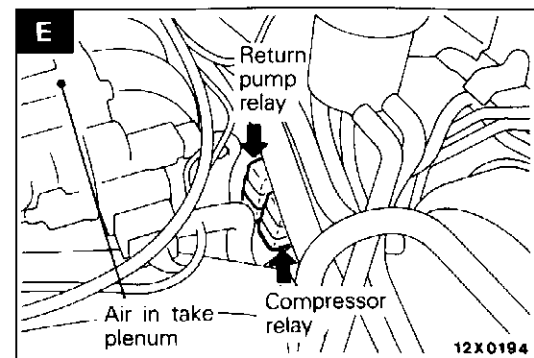
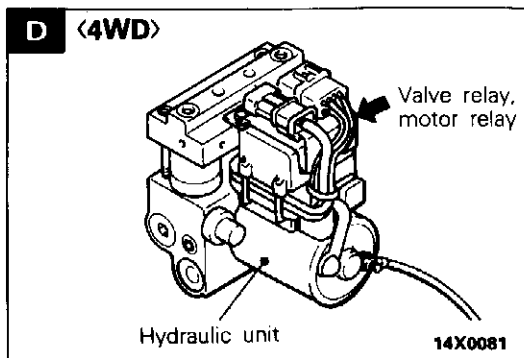
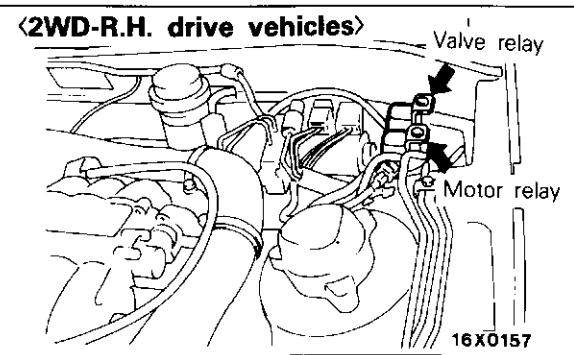
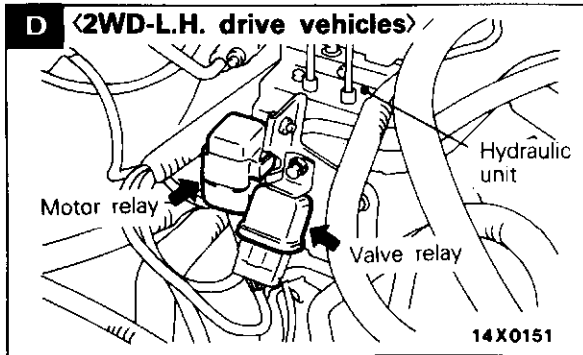
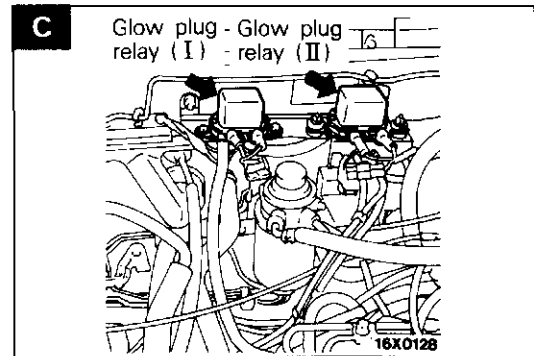
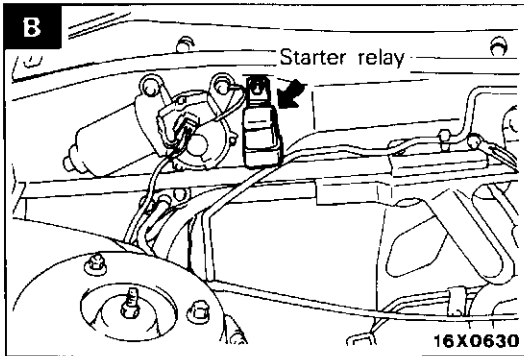
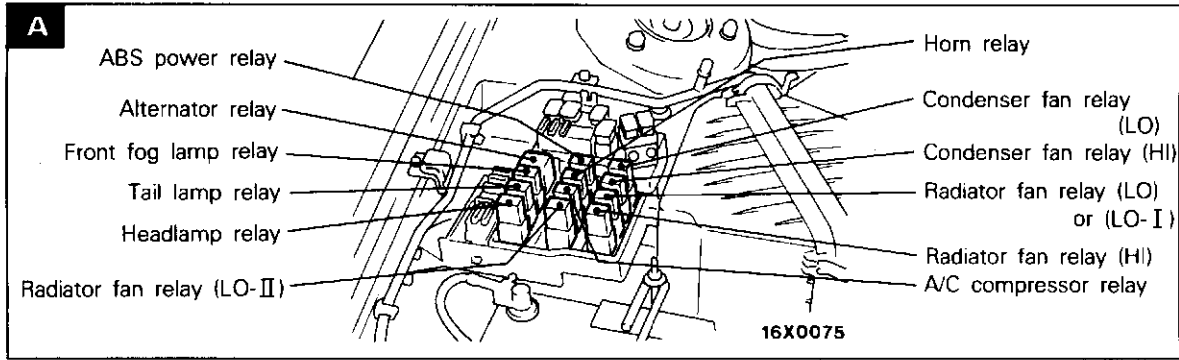
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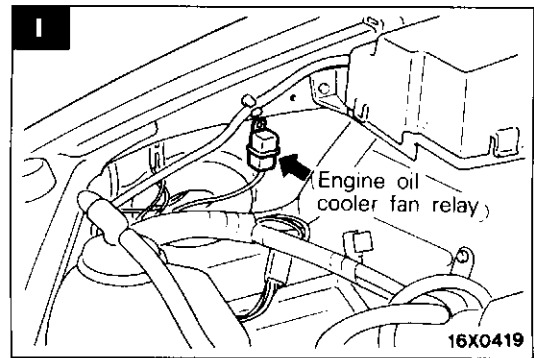
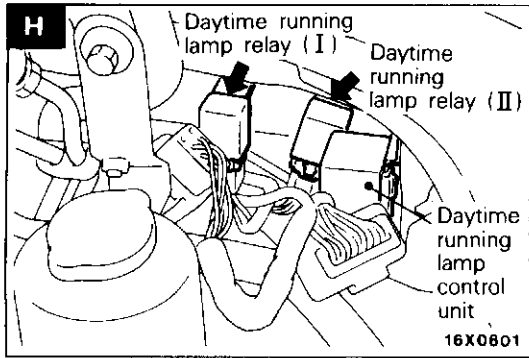
(1) \*1: R.H. drive vehicles.

(2) \*2: L.H. drive vehicles.

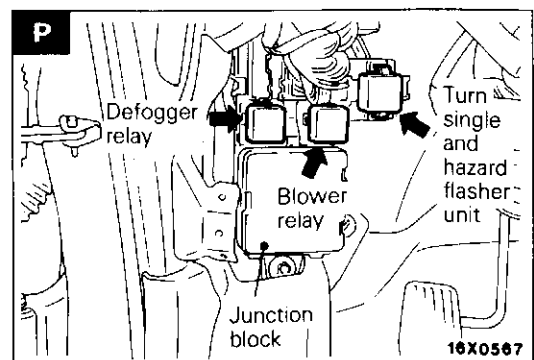
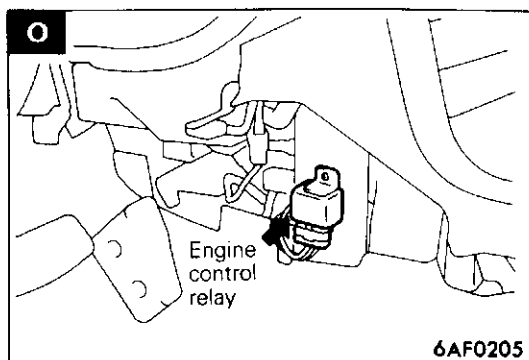
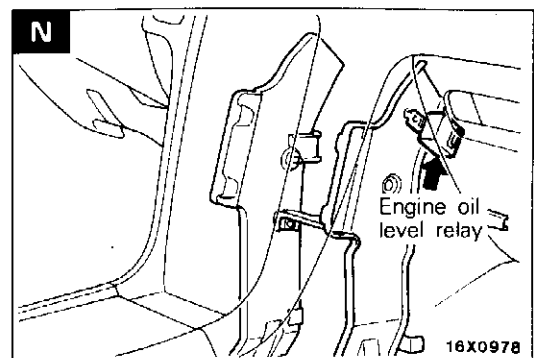
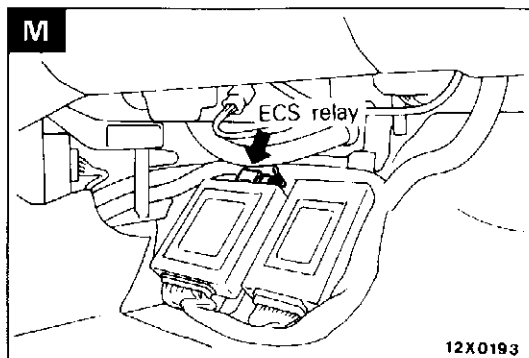
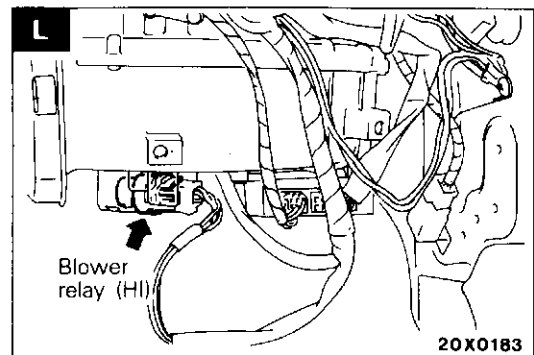
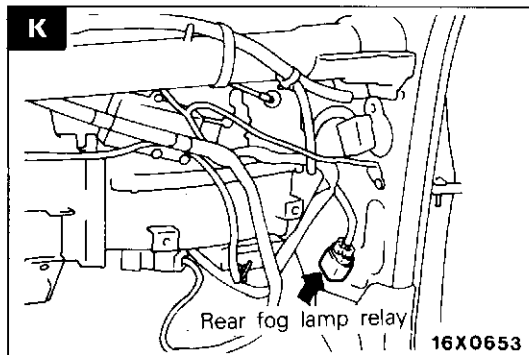
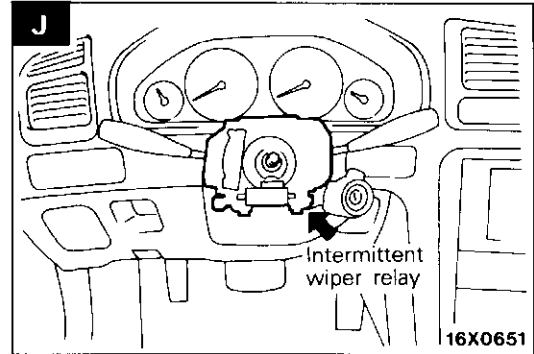
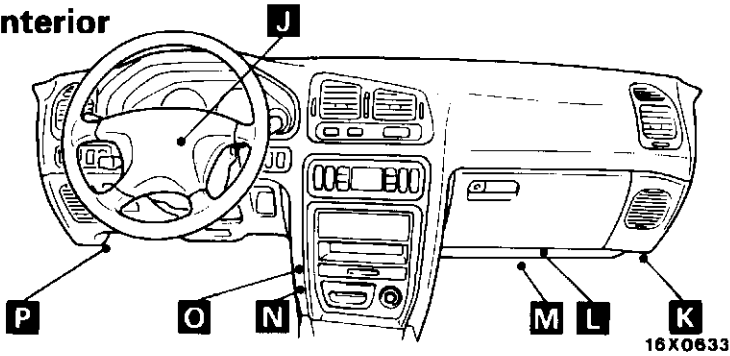
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16X0629



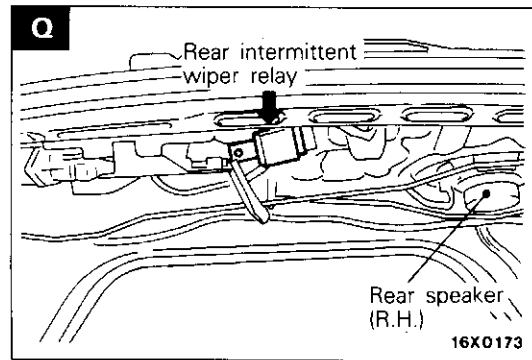
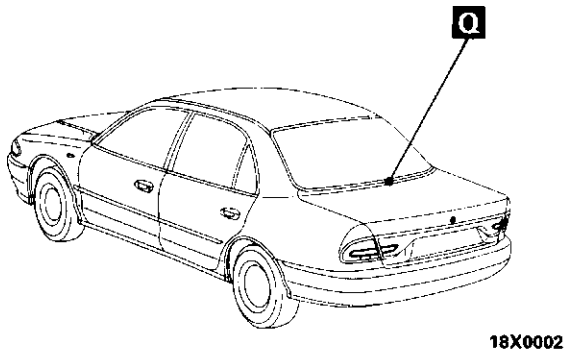


Interior

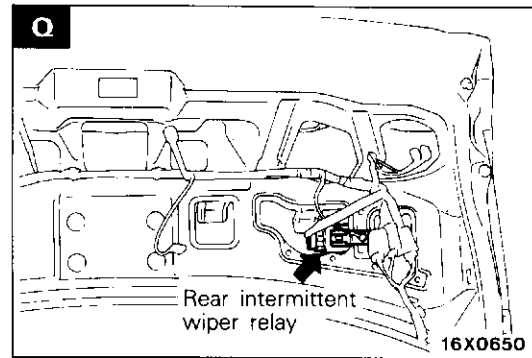
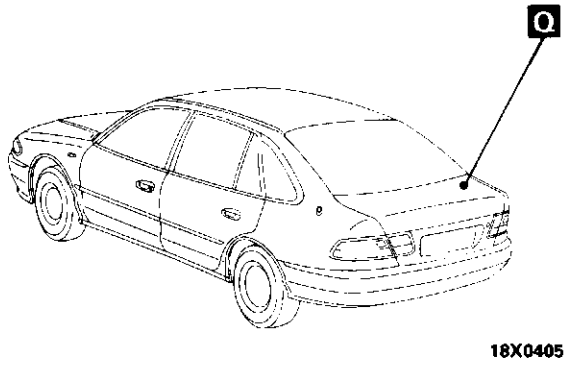


Luggage compartment

<Sedan>



<Hatchback>



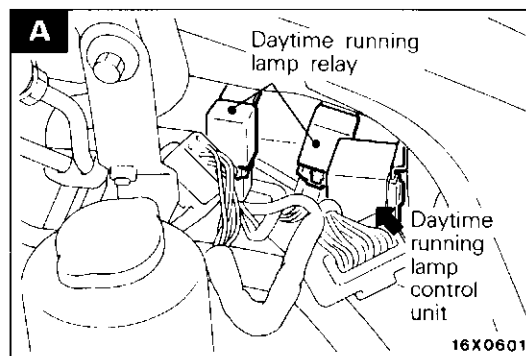
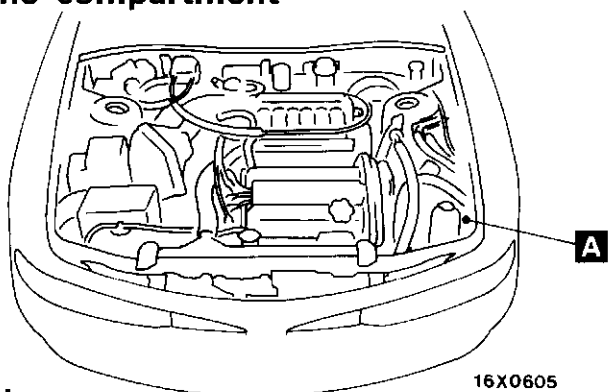
# CONTROL UNIT

| Name  | Symbol | Name  | Symbol |
|---|--------|---|--------|
| ABS control unit  | C      | Engine-ECU <MPI>  | I      |
| A/C control panel & ECU assembly <Full automatic A/C>   | B      | EPS control unit  | G      |
| Auto-cruise control unit                                | G      | ETACS control unit  | J      |
| Automatic compressor control unit <Manual A/C>          | D      | Glow & EGR control unit <4D68>  | I      |
| Belt lock controller <6G73-Full automatic A/C>          | D      | Motor antenna control unit  | L      |
| Buzzer control unit                                     | J      | Power window switch (With built-in power window control unit, door lock control unit) | M      |
| Daytime running lamp control unit <L.H. drive vehicles> | A      | SRS diagnosis unit  | F      |
| Door lock control unit <Without power window>           | H      | Sunroof control unit  | K      |
| ECS control unit <ACTIVE-ECS, ECS>                      | E      | TCL control unit  | E      |
| ELC-4A/T control unit                                   | I      | 4WS control unit  | I      |

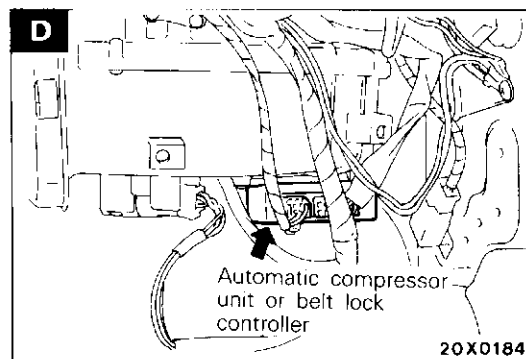
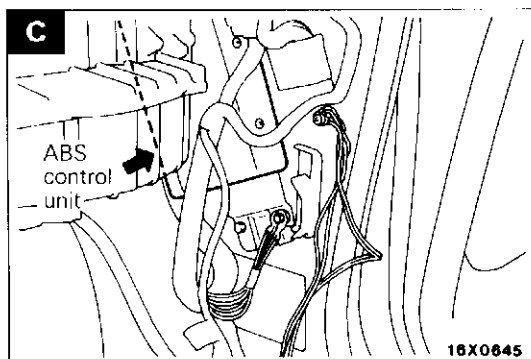
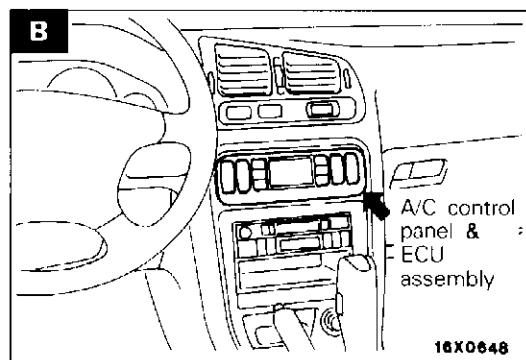
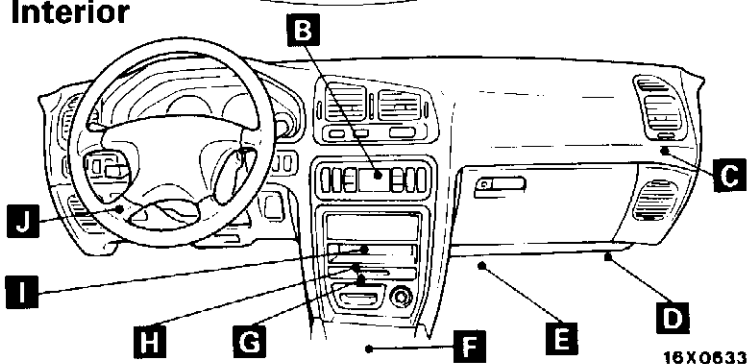
**NOTE**

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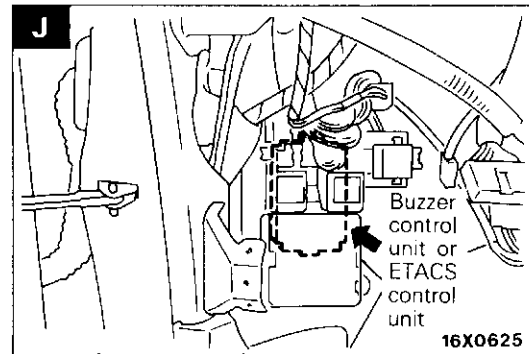
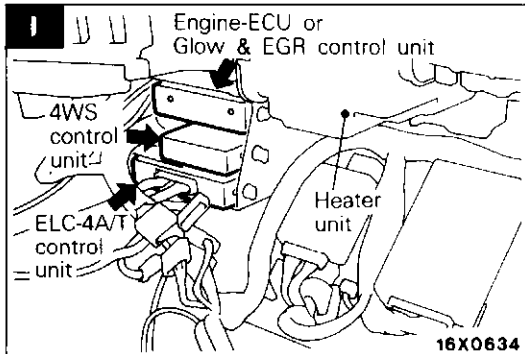
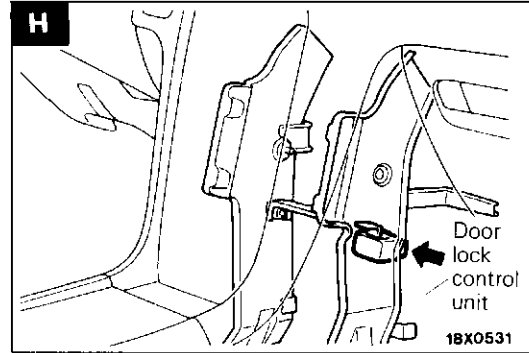
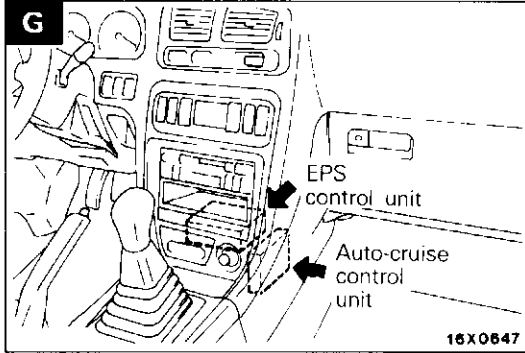
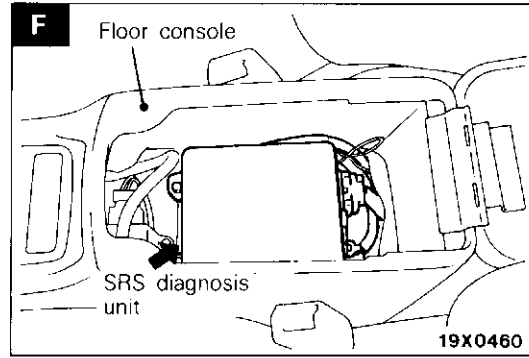
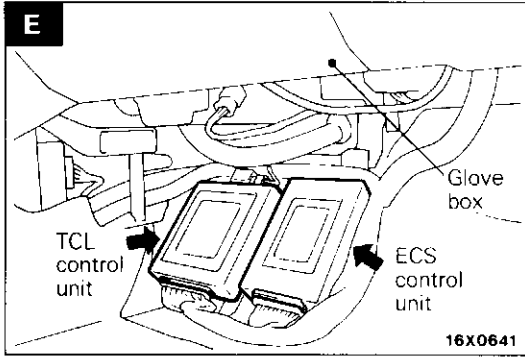
## Engine compartment



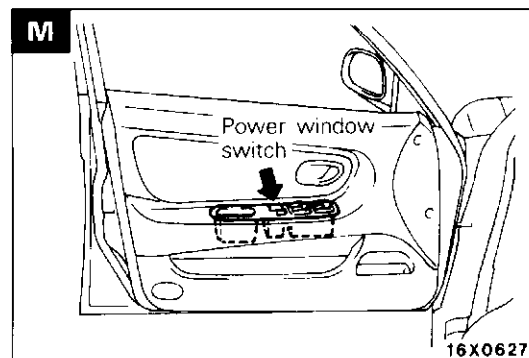
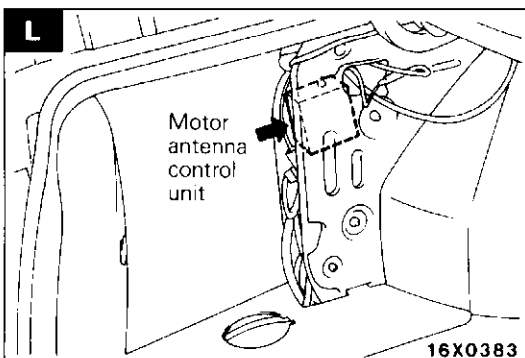
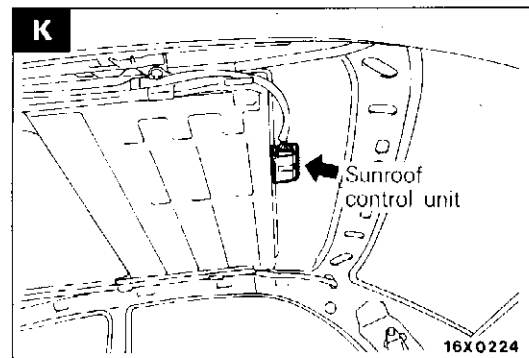
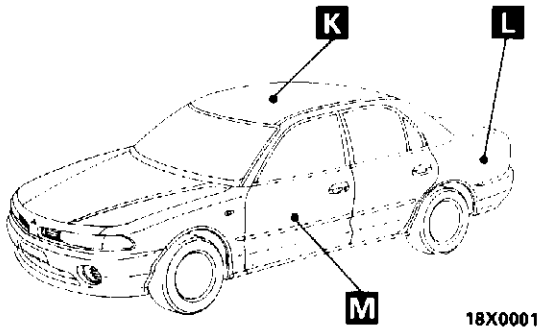
## Interior







Front door, roof, luggage compartment



**SENSOR**

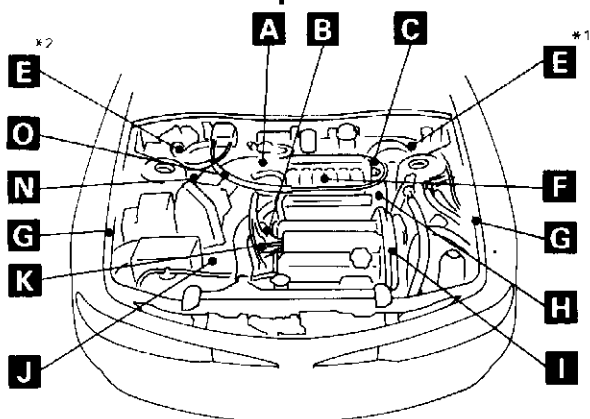
| Name   | Symbol | Name  | Symbol |
|--|--------|---|--------|
| A/C refrigerant temperature sensor   | I      | Front impact sensor (LH), (RH) <SRS>  | G      |
| Accelerator pedal position sensor <TCL>  | A      | Front stroke sensor <ACTIVE-ECS, ECS>   | W      |
| Air-flow sensor <MPI>  | N      | G sensor <ACTIVE-ECS>   | a      |
| Air thermo sensor <Manual A/C>   | R      | G sensor <4WD-ABS>  | U      |
| A/T fluid temperature sensor   | J      | Hydraulic unit (With built-in motor sensor) <2WD-ABS>   | E      |
| Brake pedal stroke sensor <ABS>  | V      | Idle speed control servo (With built-in servo valve position sensor) <MPI-SOHC>                     | A      |
| Camshaft position sensor <MPI-DOHC>  | H      | Lever (throttle) position sensor <4D68>   | D      |
| Crank angle sensor <MPI-DOHC>  | H      | Outside thermometer sensor <Full automatic A/C>   | b      |
| Detonation sensor <MPI>  | F      | Oxygen sensor <MPI>   | Z      |
| Distributor assembly (With built-in crank angle sensor, top dead center sensor) <MPI-SOHC> | K      | Photo sensor <Full automatic A/C>   | Q      |
| Engine coolant temperature sensor (Engine control) <MPI>                                   | B      | Rear stroke sensor <ACTIVE-ECS>   | c      |
| Engine coolant temperature sensor <Full automatic A/C>                                     | T      | Revolution pick-up sensor <4D68>  | D      |
| Engine coolant temperature sensor · engine coolant temperature gauge unit <4D68>           | B      | Revolution pick-up sensor <6G73-Full automatic A/C>   | I      |
| Engine coolant temperature switch <4D68>   | M      | Speed sensor (Front), (Rear) <ABS, TCL, 4WS>  | X, d   |
| Engine coolant temperature switch (A/C compressor control) <4D68>                          | L      | Steering wheel sensor <ACTIVE-ECS, ECS, TCL, 4WD>   | P      |
| Engine oil level sensor  | Y      | Throttle position sensor <MPI>  | A      |
| Fin thermo sensor  | S      | Variable induction control servo (With built-in induction control valve position sensor) <MPI-DOHC> | C      |
|  |        | Vehicles speed sensor   | O      |

NOTE

The "Name" column is arranged in alphabetical order.

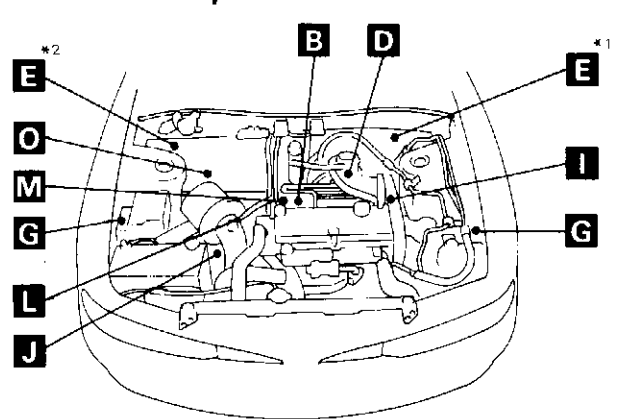
**Engine compartment**

<Petrol-powered vehicles>



16X0605

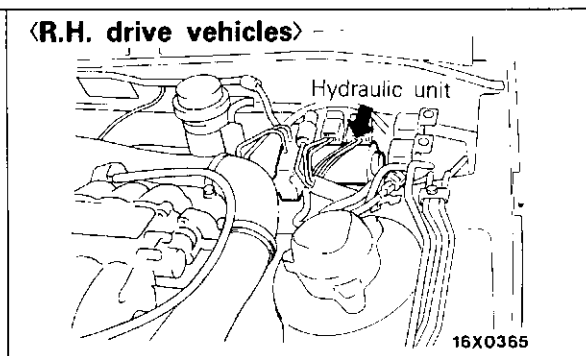
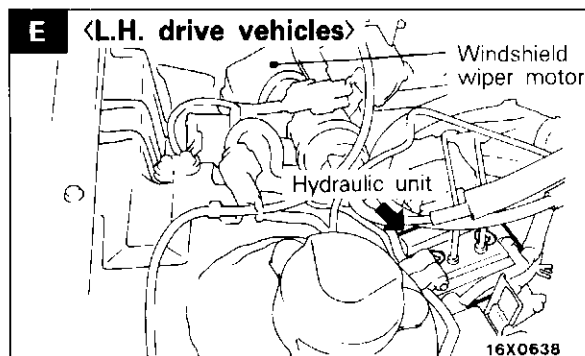
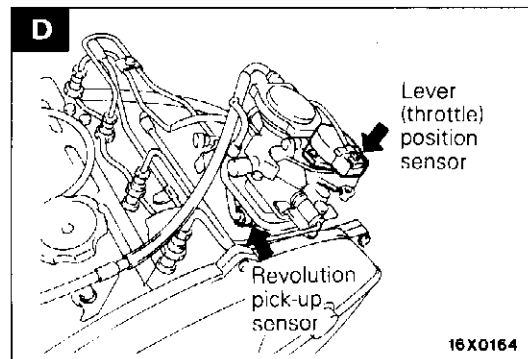
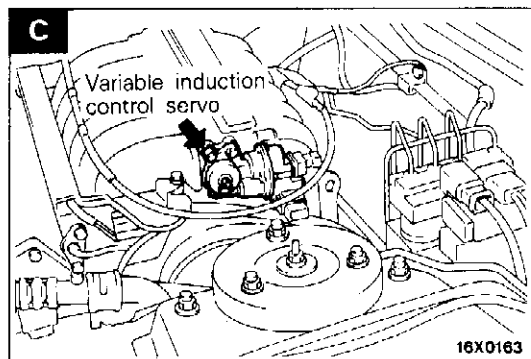
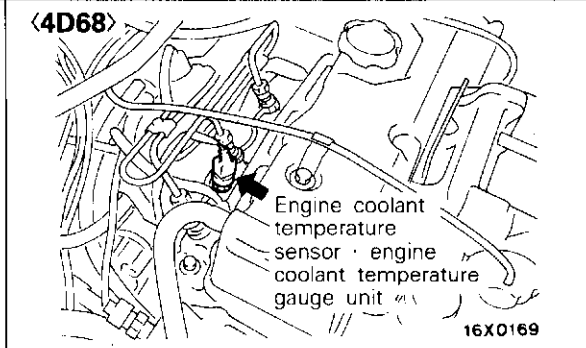
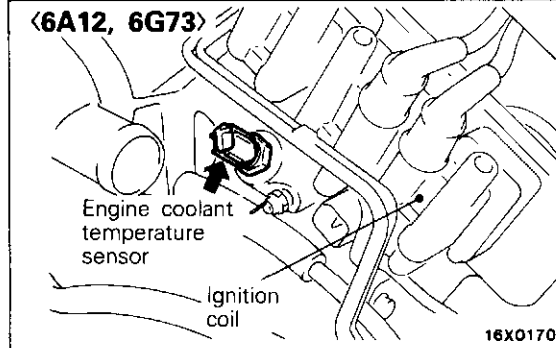
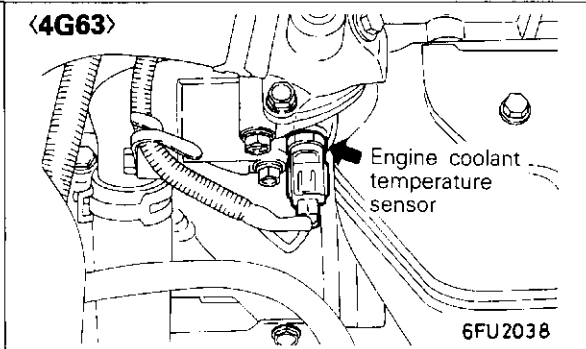
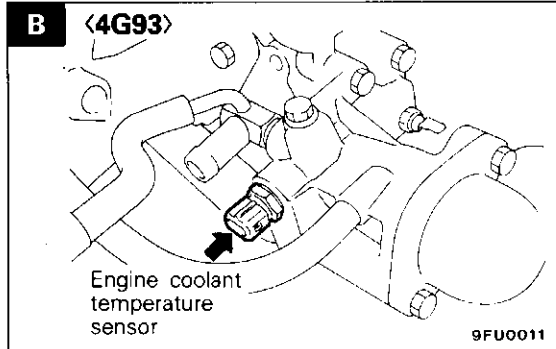
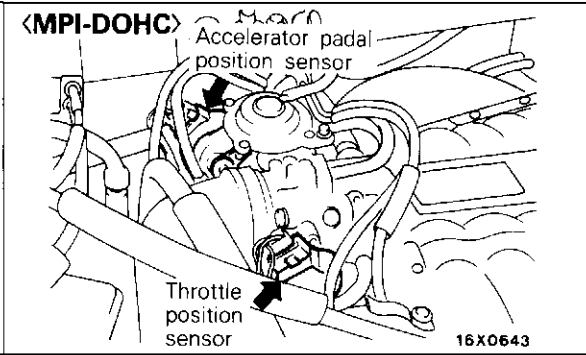
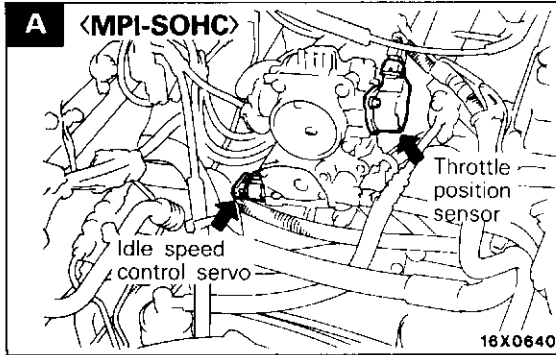
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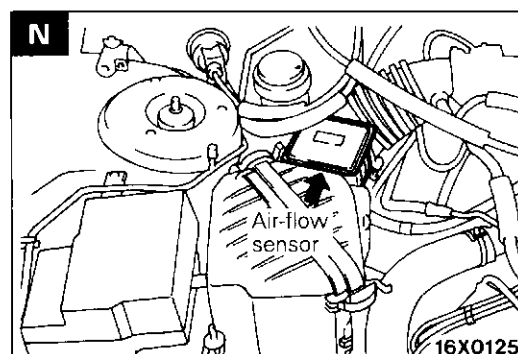
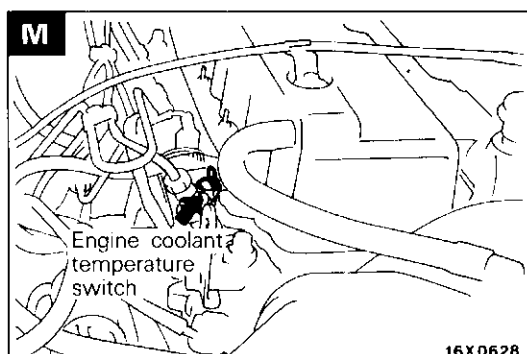
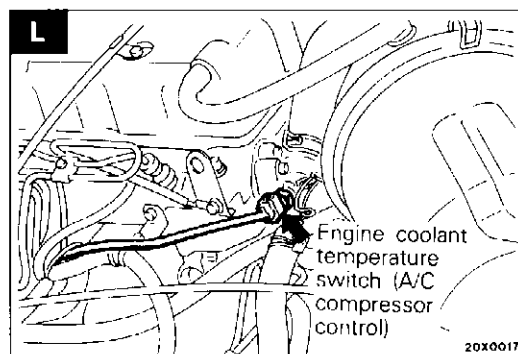
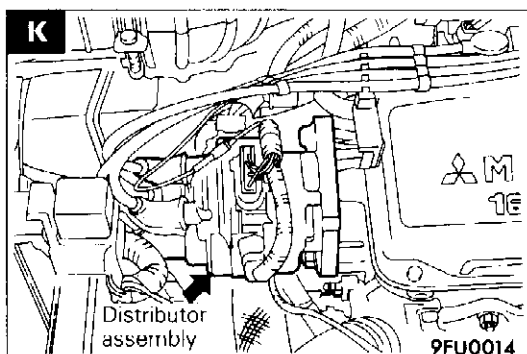
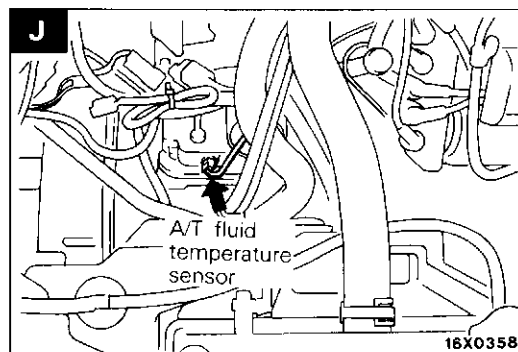
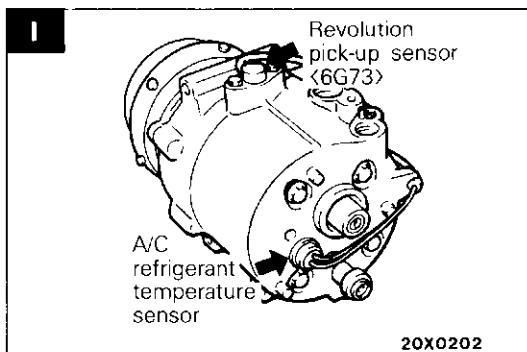
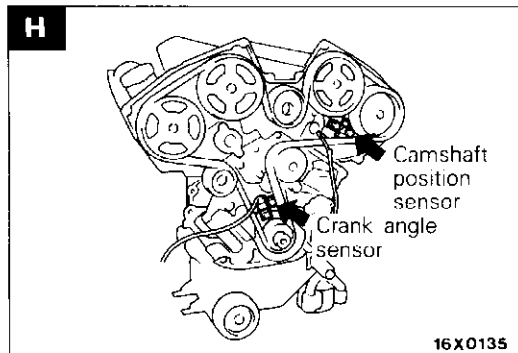
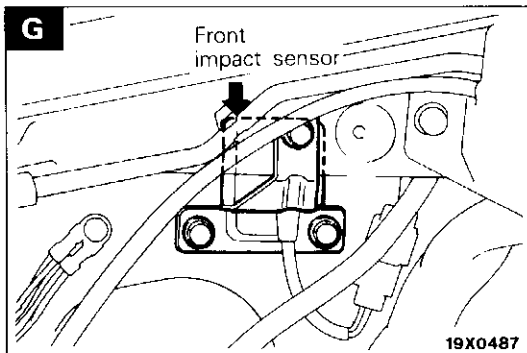
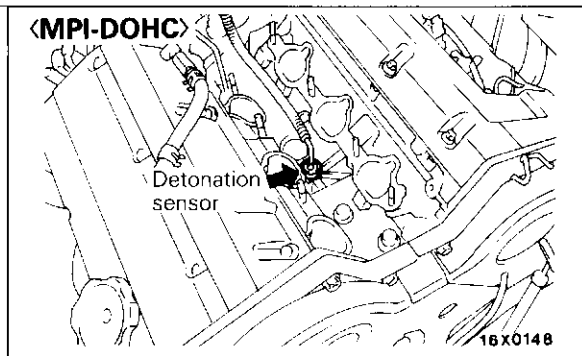
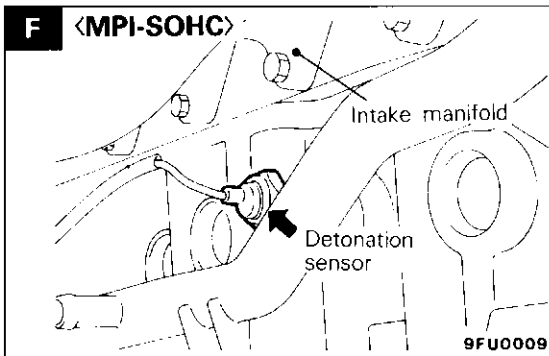


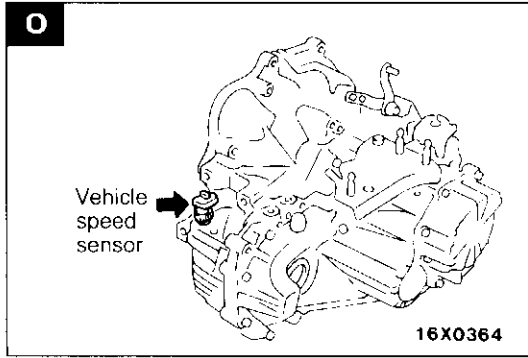
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NOTE

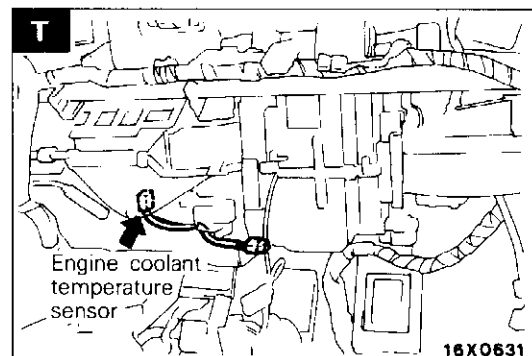
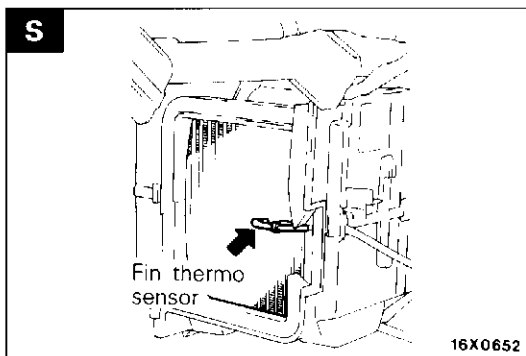
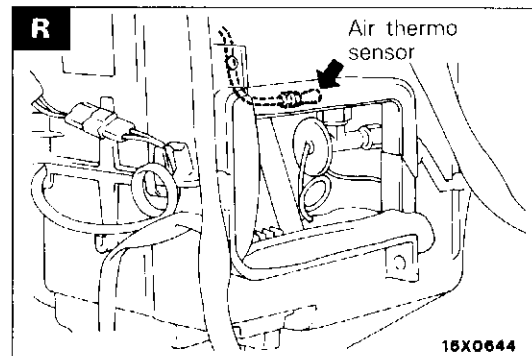
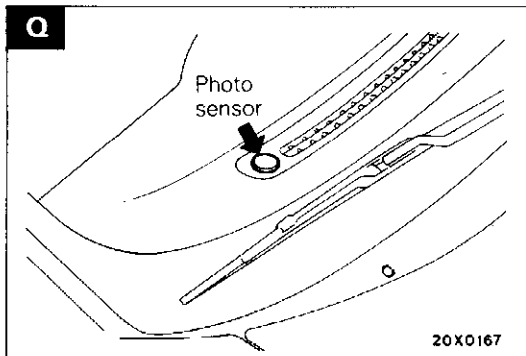
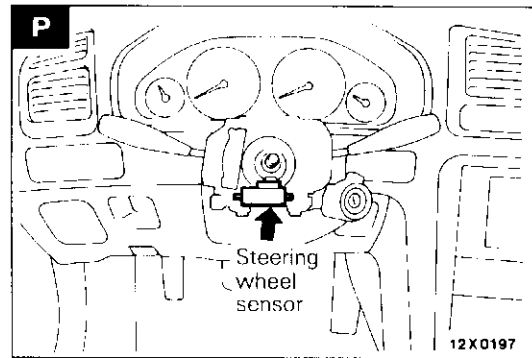
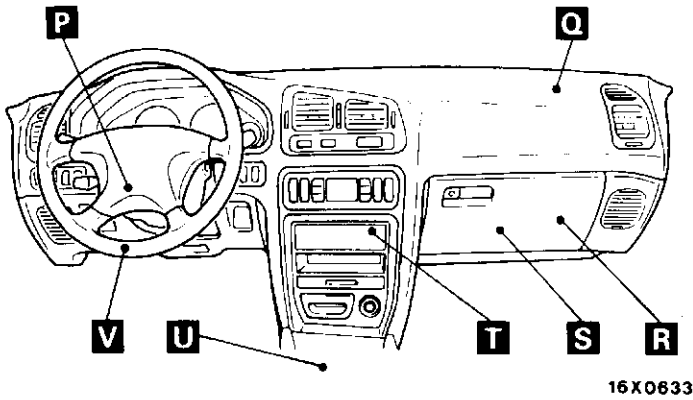
(1) \*1: R.H. drive vehicles <2WD>.  
 (2) \*2: L.H. drive vehicles <2WD>.

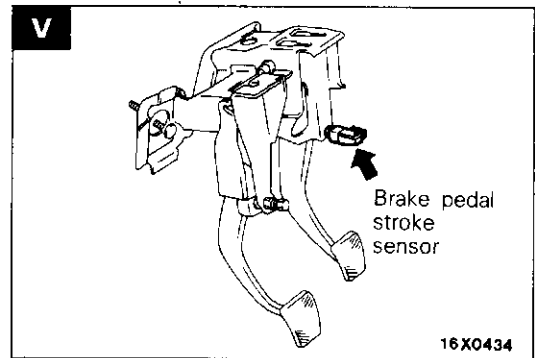
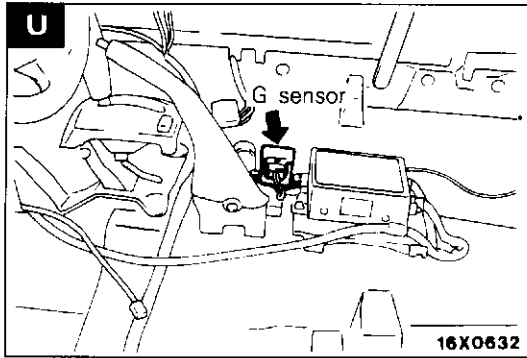




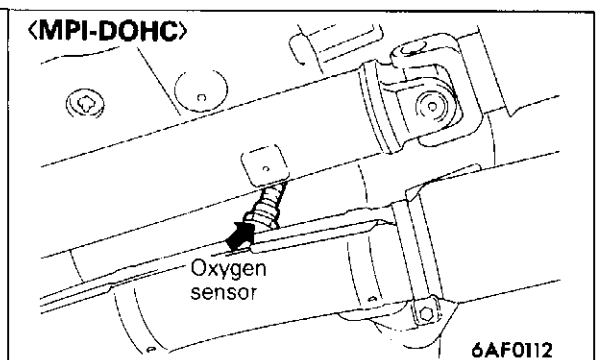
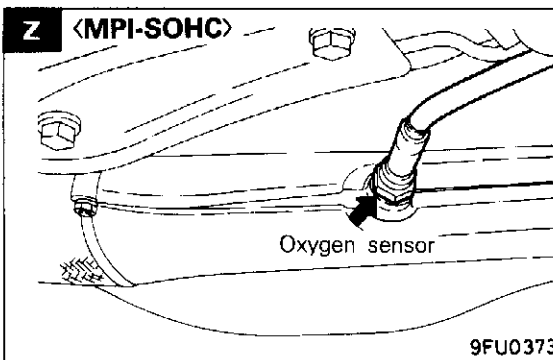
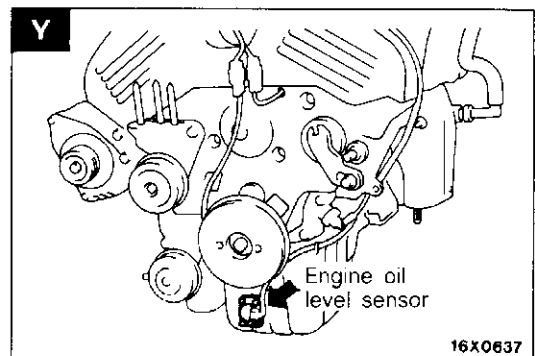
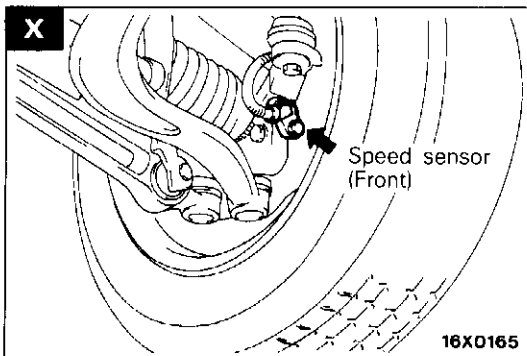
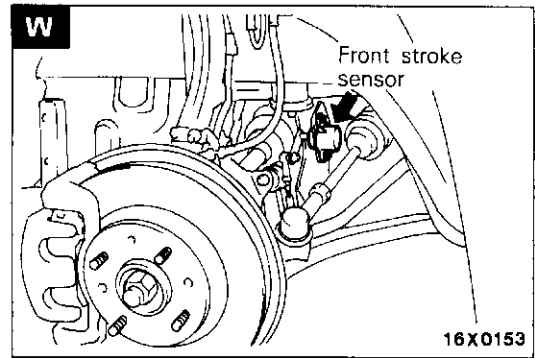
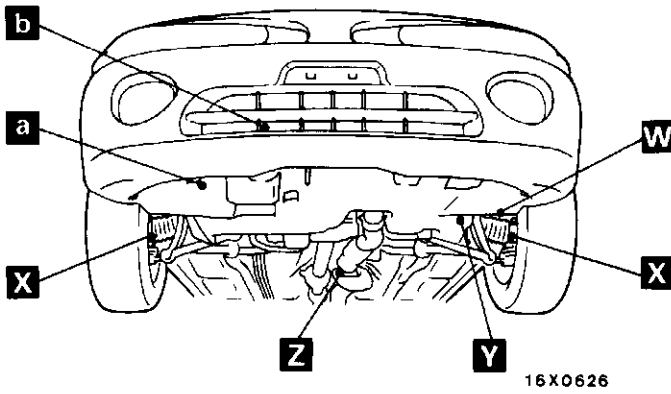


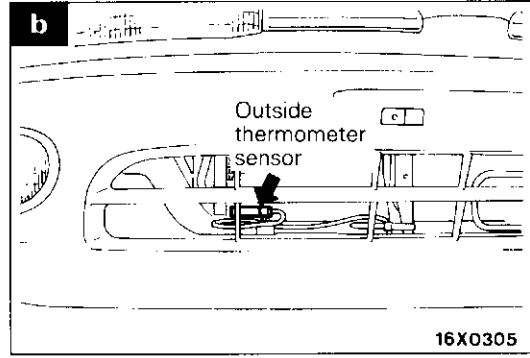
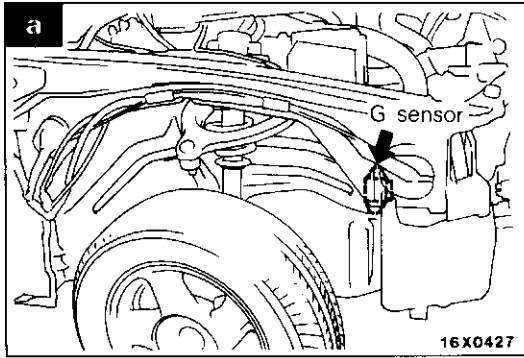
**Interior**



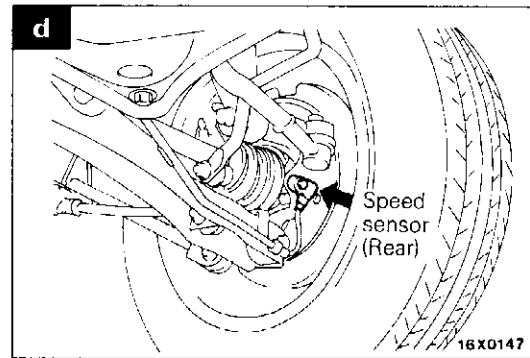
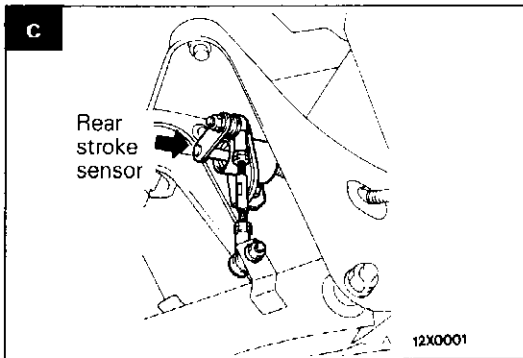
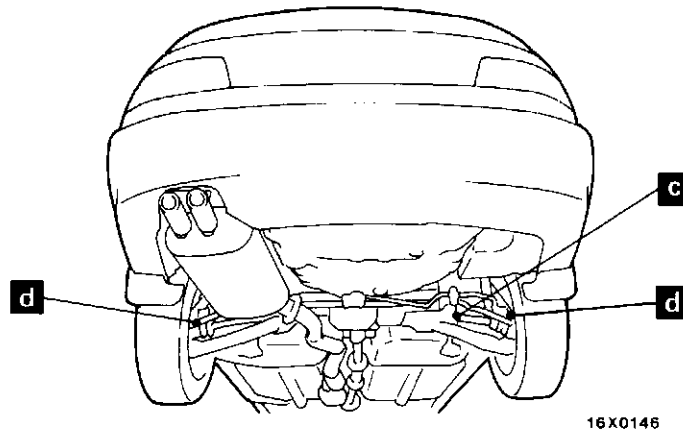


Front floor lower part





Rear floor lower part



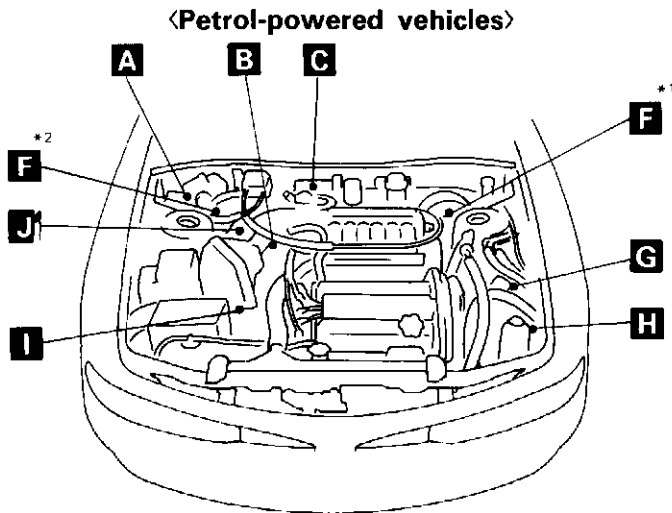
### 3-14 SINGLE PART INSTALLATION POSITION — Solenoid Valve

## SOLENOID VALVE

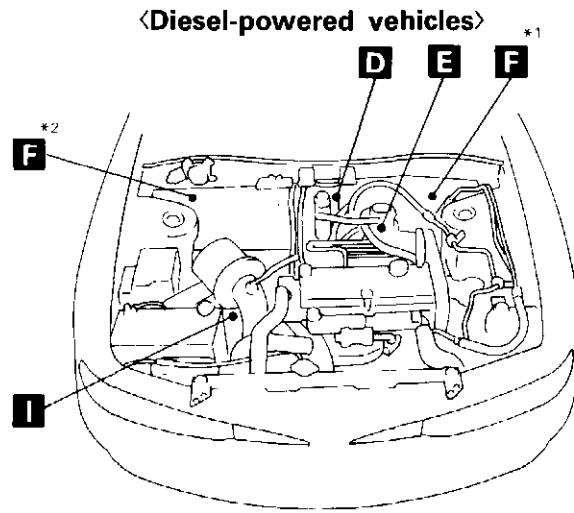
| Name  | Symbol | Name  | Symbol |
|---|--------|---|--------|
| EGR solenoid valve <MPI>  | C      | Front solenoid valve assembly <ACTIVE-ECS>          | H      |
| EGR solenoid valve ( I ) <4D68>   | D      | Fuel cut solenoid valve <4D68>                      | E      |
| EGR solenoid valve ( II ) <4D68>  | D      | Hydraulic unit (With built-in solenoid valve) <ABS> | F      |
| ELC-4A/T control solenoid valve   | I      | Idle up solenoid valve <4D68-Manual A/C>            | D      |
| Electric vacuum pump (with built-in control valve, release valve) <Auto-cruise control> | A      | Purge control solenoid valve <MPI>                  | C      |
| EPS solenoid valve  | B      | Rear solenoid valve assembly <ACTIVE-ECS>           | K      |
| Exhaust solenoid valve-for vehicle height adjustment <ACTIVE-ECS>                       | J      | Rear wheel control valve assembly <4WD>             | G      |
| Flow control solenoid valve assembly <ACTIVE-ECS>                                       | H      | Vacuum solenoid valve <TCL>                         | C      |
| Flow divider valve assembly <4WS>   | G      | Ventilation solenoid valve <TCL>                    | C      |

NOTE  
The "Name" column is arranged in alphabetical order.

### Engine compartment

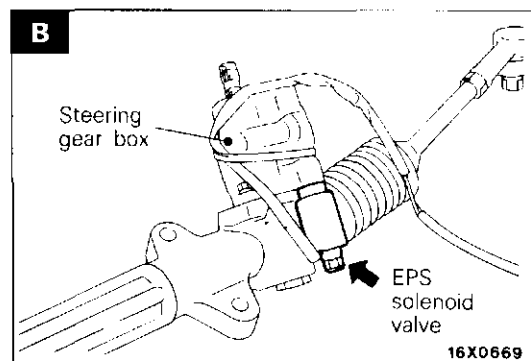
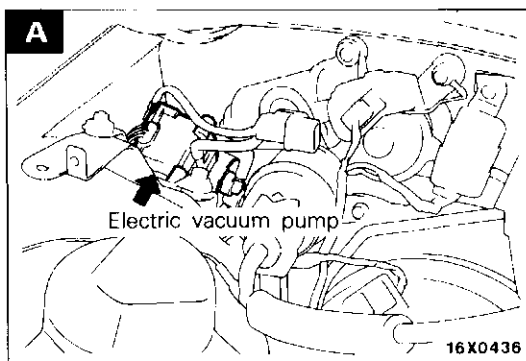


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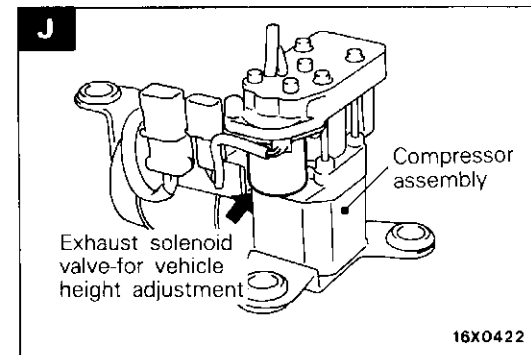
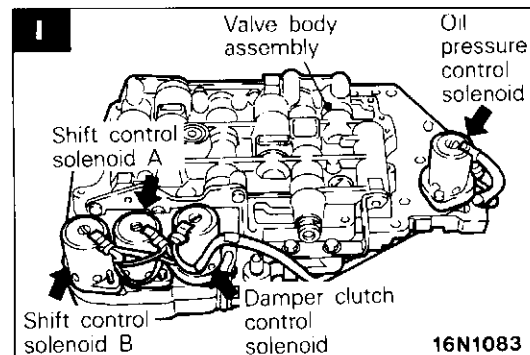
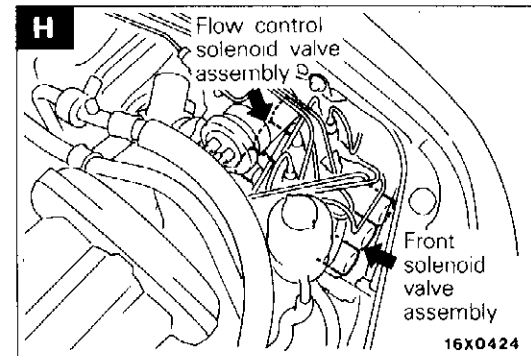
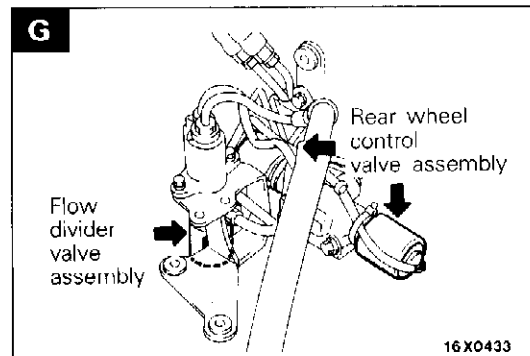
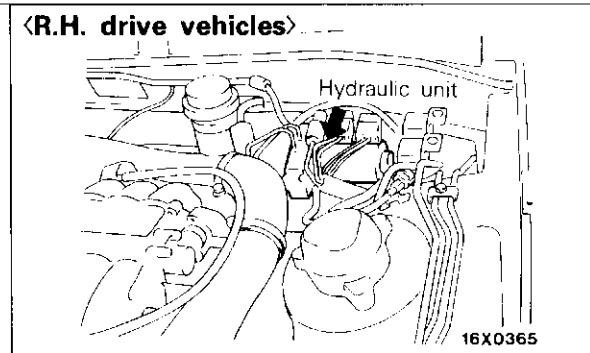
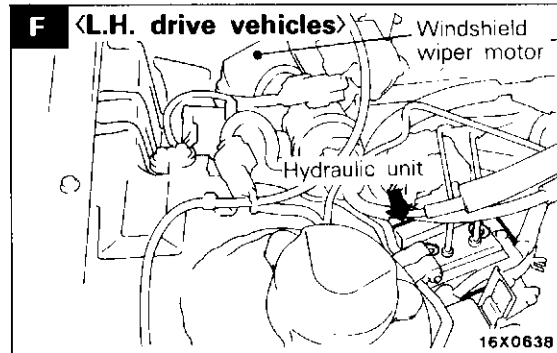
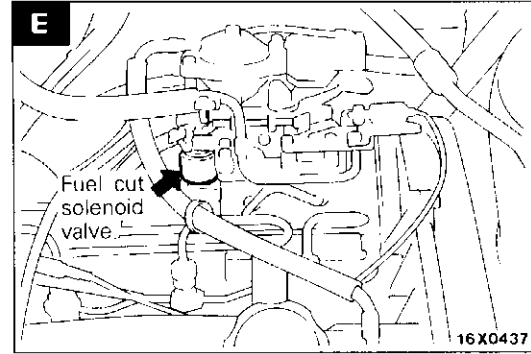
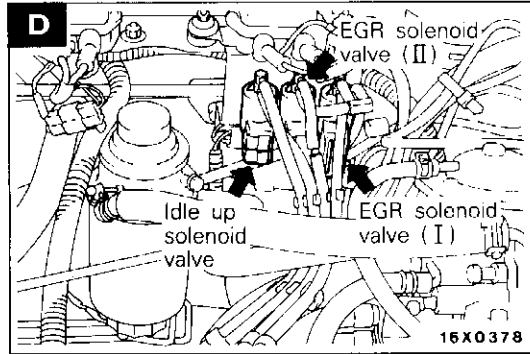
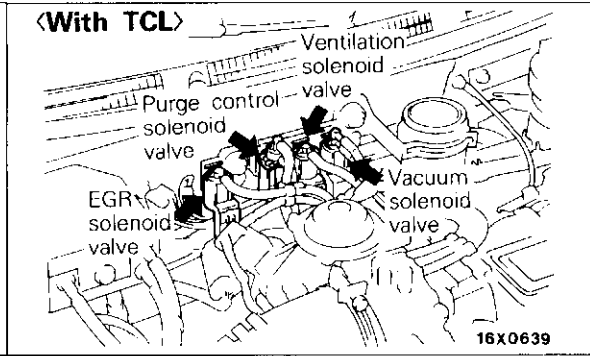
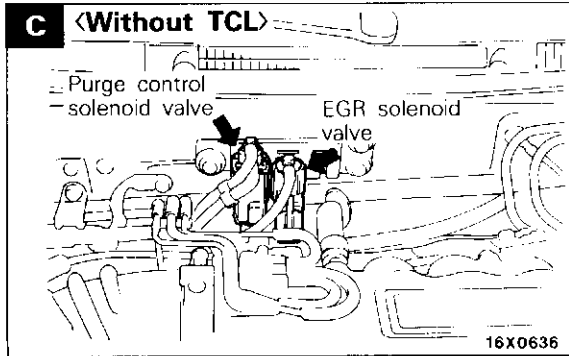


16X0629

NOTE  
(1) \*1: R.H. drive vehicles.  
(2) \*2: L.H. drive vehicles.

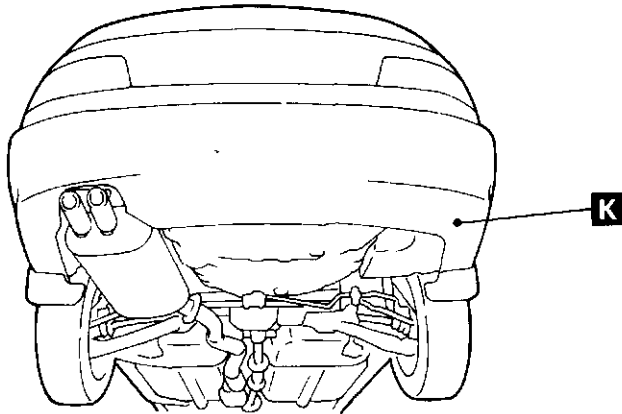




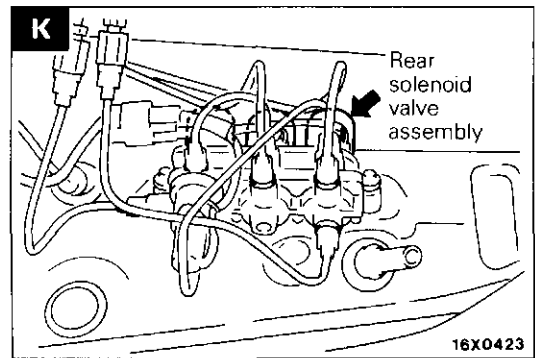


### 3-16 SINGLE PART INSTALLATION POSITION — Solenoid Valve/Diode

#### Rear floor lower part



16X0146

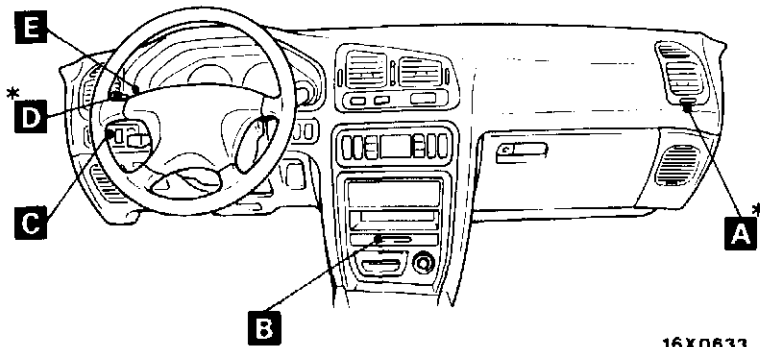


16X0423

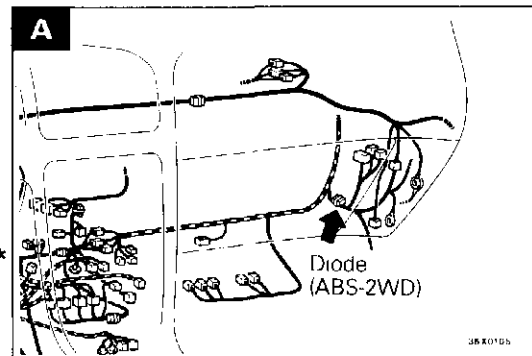
#### DIODE

| Name   | Symbol | Name  | Symbol |
|--|--------|---|--------|
| Diode (for ABS circuit) <2WD>                                      | A      | Diode (for door indicator lamp circuit) <Hatchback> | D      |
| Diode (for ABS circuit) <4WD>                                      | D      | Diode (for idle up circuit)                         | B      |
| Diode (for dim-dip lamp circuit)                                   | E      | Diode (for rear fog lamp circuit)                   | D      |
| Diode (for door indicator lamp circuit) <vehicles with ACTIVE-ECS> | C      |   |        |

#### Interior



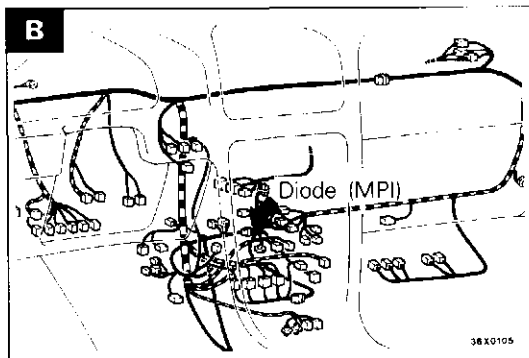
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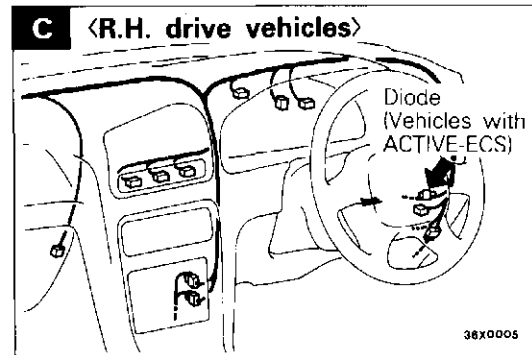
36X0105

#### NOTE

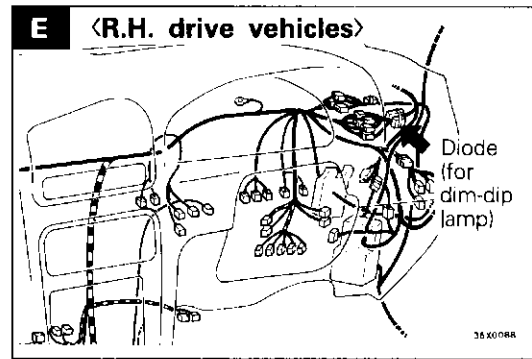
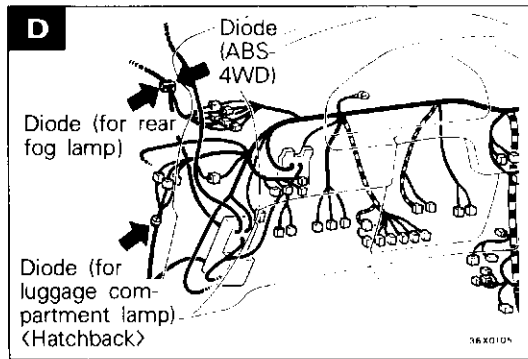
For R.H. drive vehicles, only the positions indicated by the \* are symmetrical.



36X0105



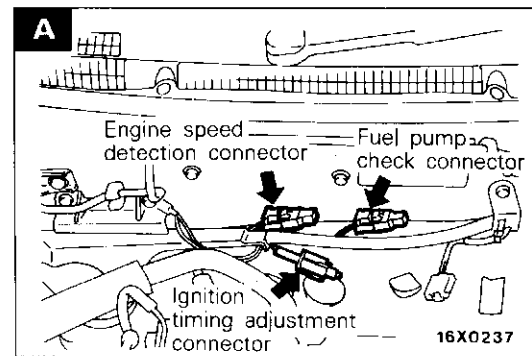
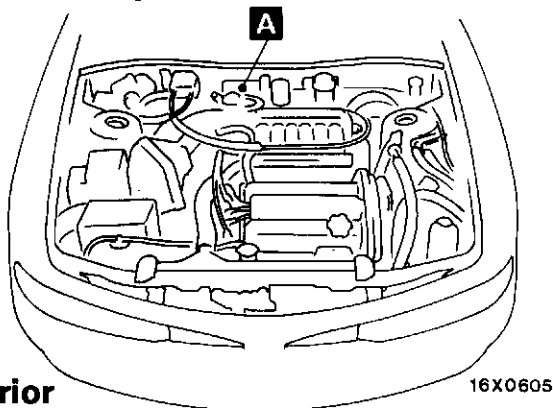
36X0005



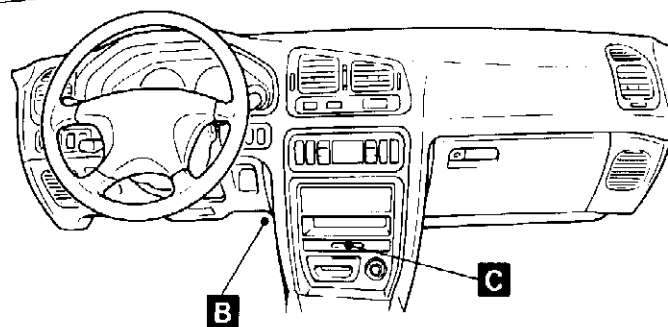
**INSPECTION TERMINAL**

| Name                             | Symbol | Name                                 | Symbol |
|----------------------------------|--------|--------------------------------------|--------|
| Diagnosis connector              | A      | Fuel pump check connector            | A      |
| Engine speed detection connector | B      | Ignition timing adjustment connector | A      |
| EPS check connector              | C      |                                      |        |

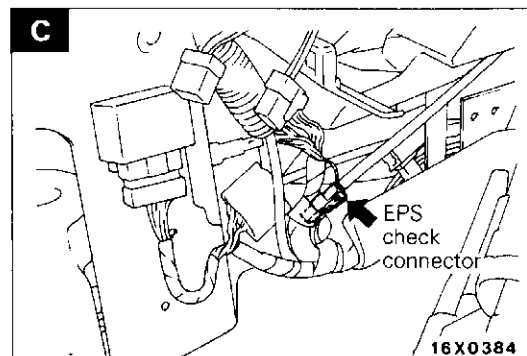
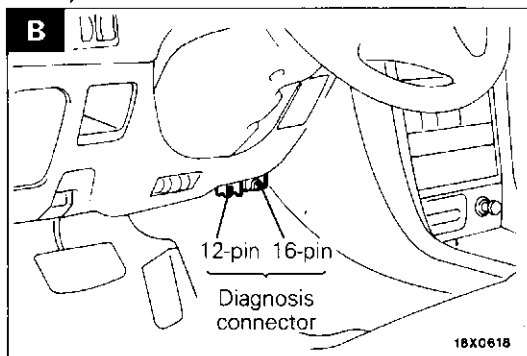
**Engine compartment**



**Interior**



**NOTE**  
For R.H. drive vehicles, part installation positions are symmetrical.

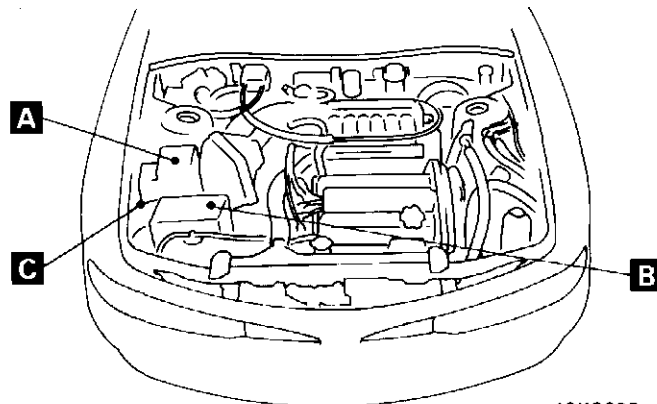


### 3-18 SINGLE PART INSTALLATION POSITION — Fusible Link and Fuse

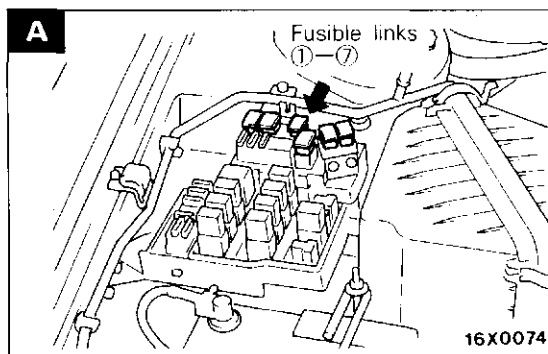
## FUSIBLE LINK AND FUSE

| Name                | Symbol | Name                  | Symbol |
|---------------------|--------|-----------------------|--------|
| Dedicated fuses     | A      | Fusible link ⑧ <MPI>  | C      |
| Multi-purpose fuses | D      | Fusible link ⑨ <4D68> | B      |
| Fusible links ①—⑦   | A      |                       |        |

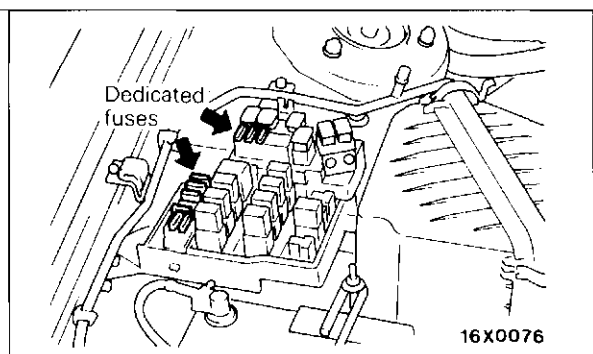
### Engine compartment



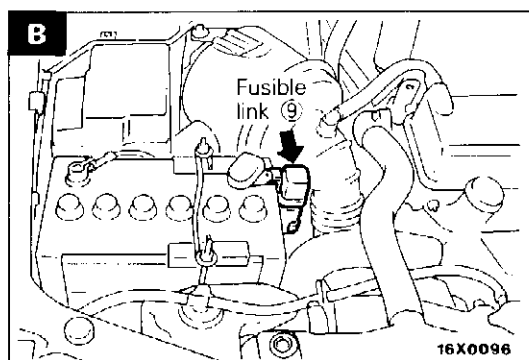
16X0605



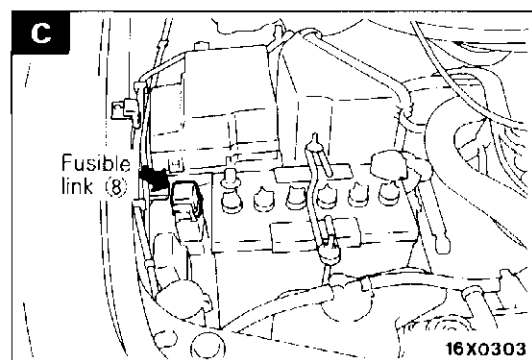
16X0074



16X0076

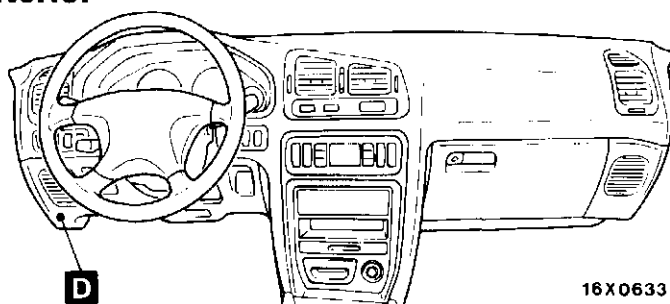


16X0096

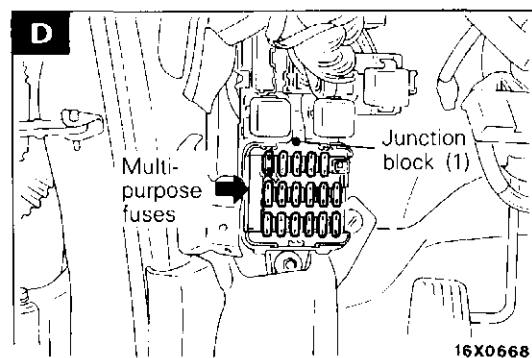


16X0303

### Interior



16X0633

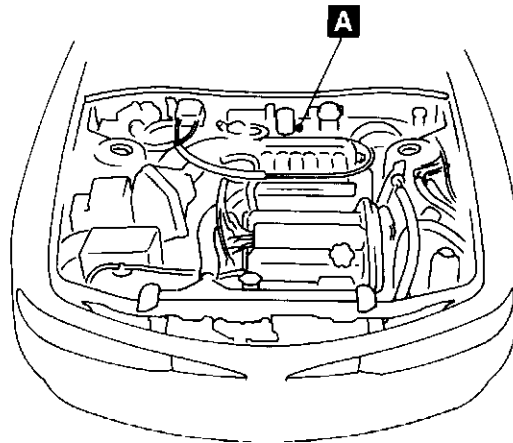


16X0668

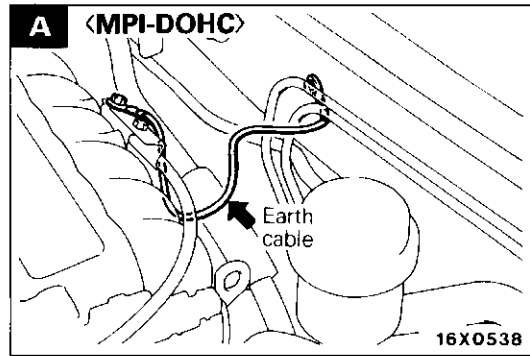
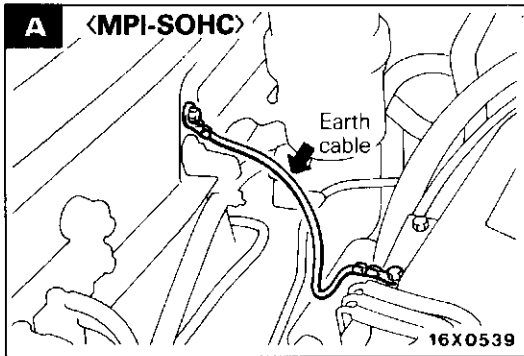
NOTE  
For R.H. drive vehicles, part installation positions are symmetrical.

# EARTH CABLE

## Engine compartment



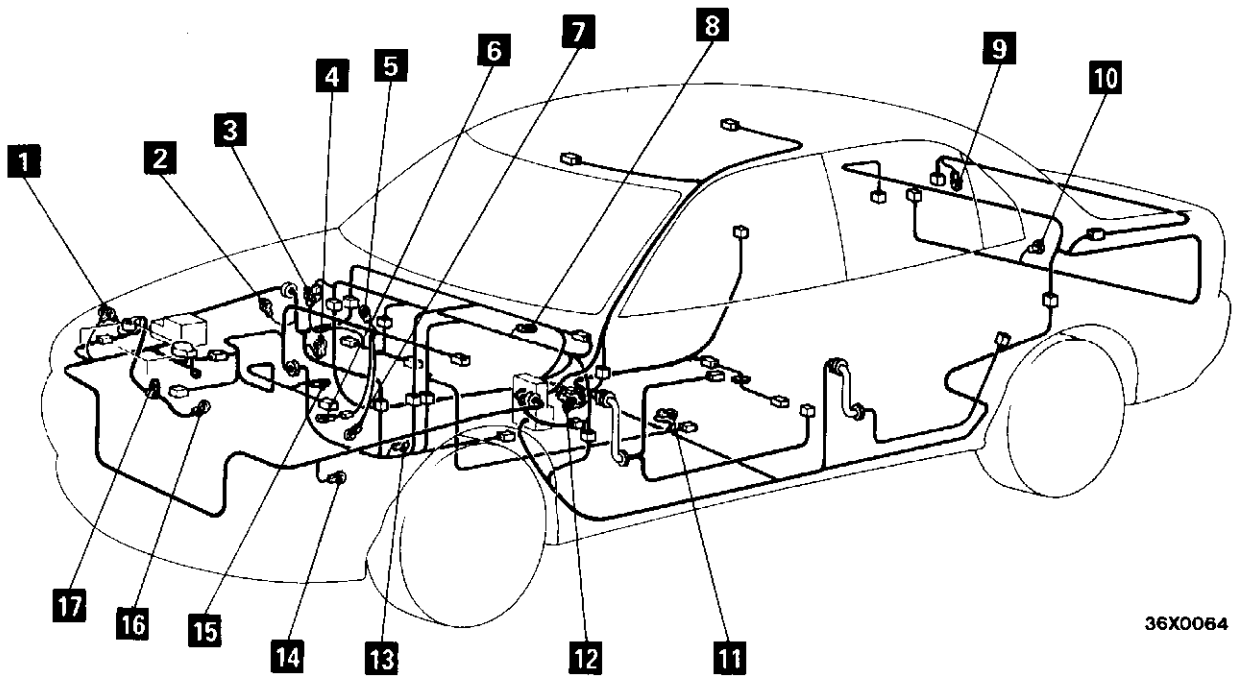
16X0605



# EARTH

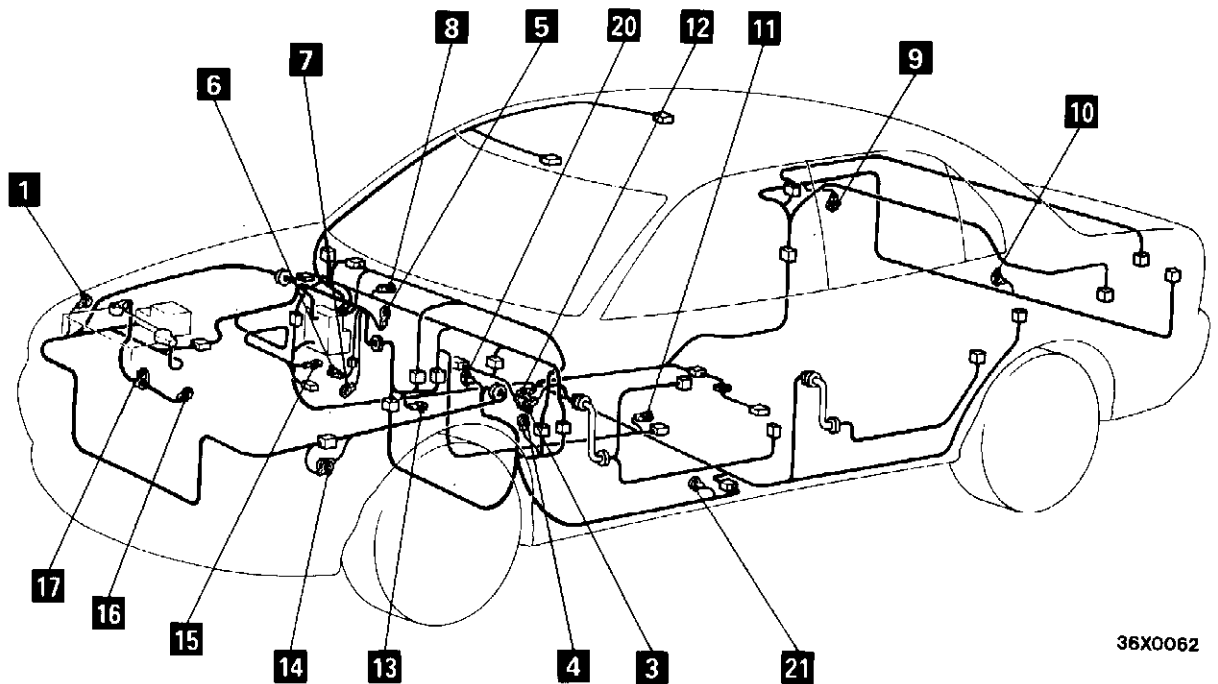
Sedan

<L.H. drive vehicles>



36X0064

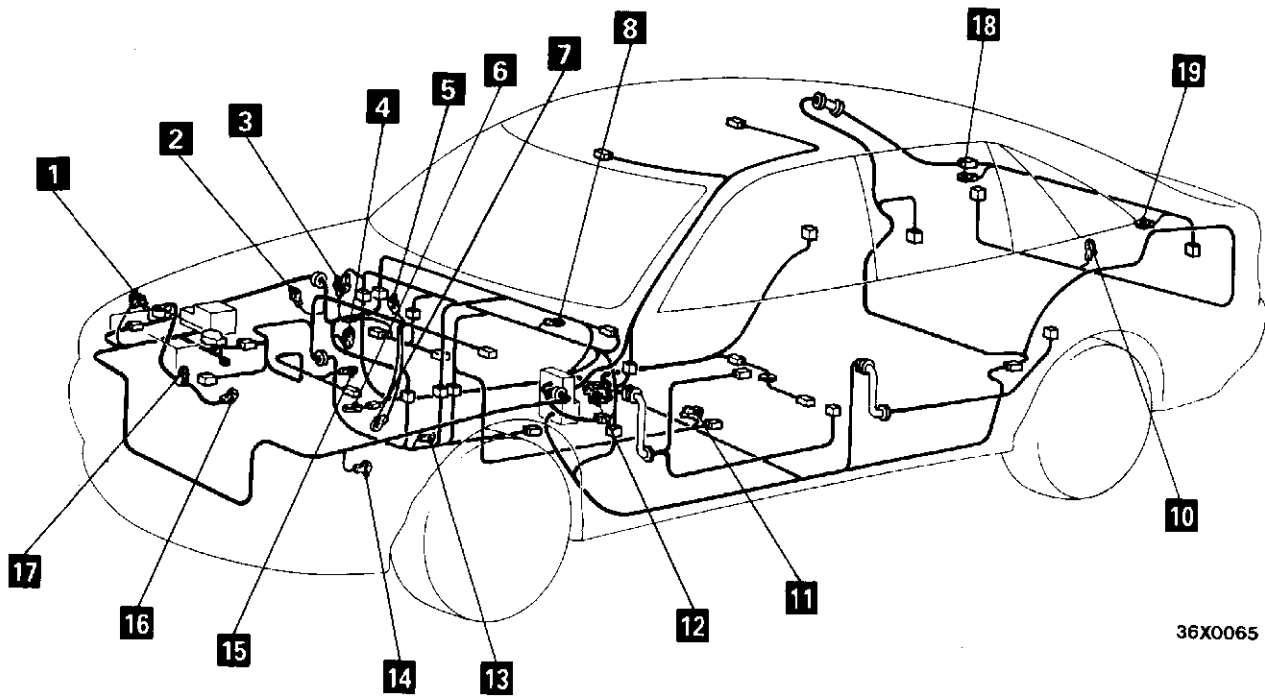
<R.H. drive vehicles>



36X0062

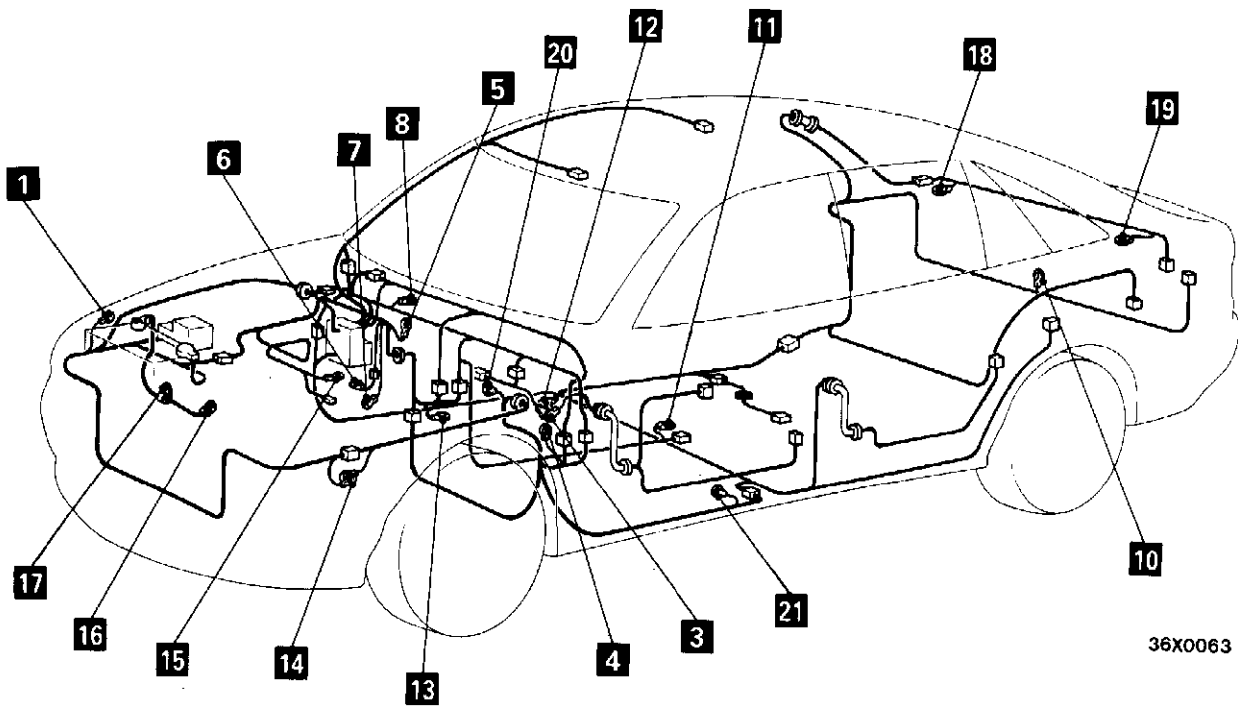
**Hatchback**

<L.H. drive vehicles>

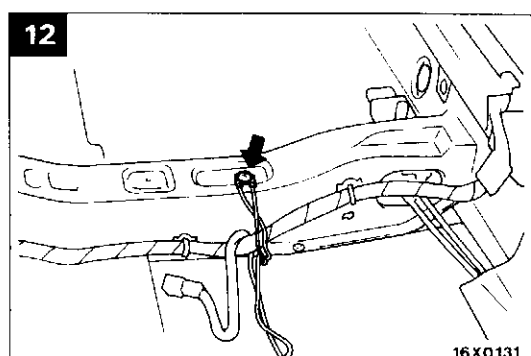
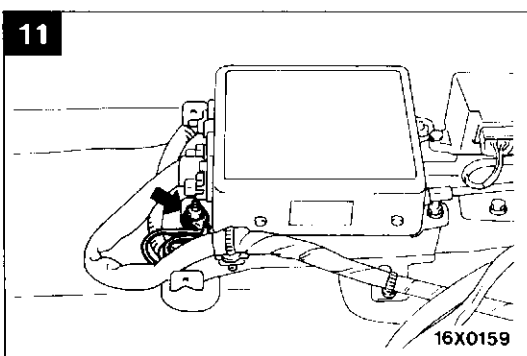
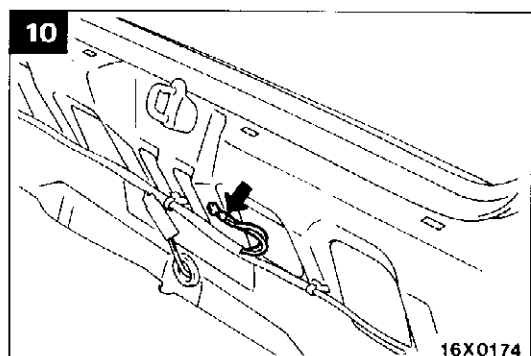
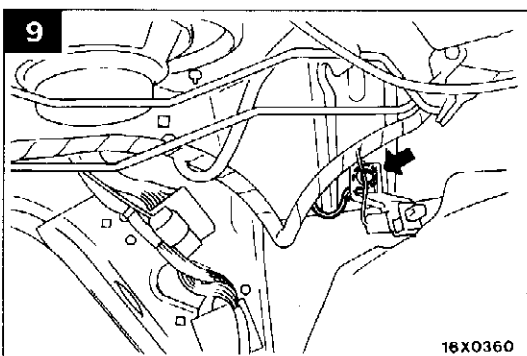
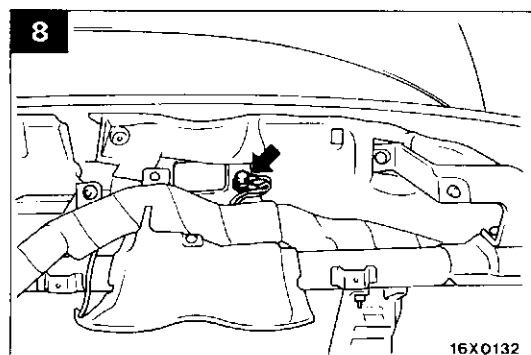
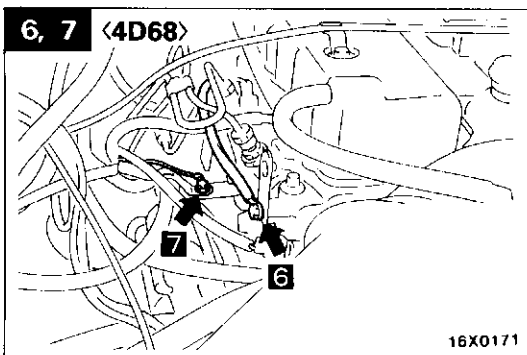
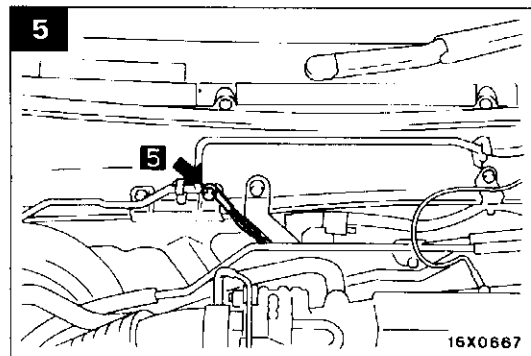
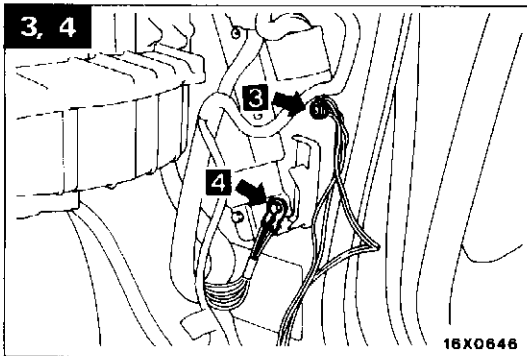
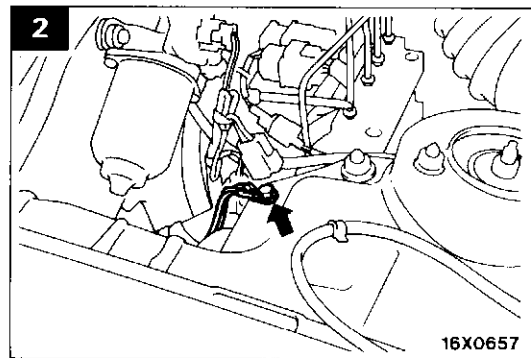
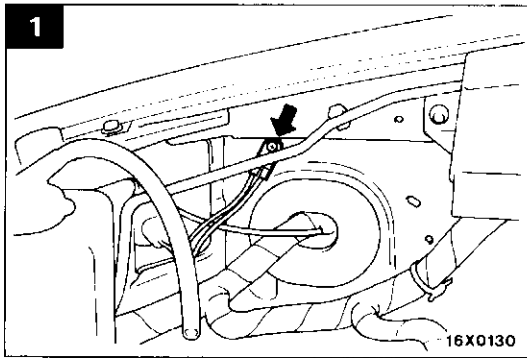


36X0065

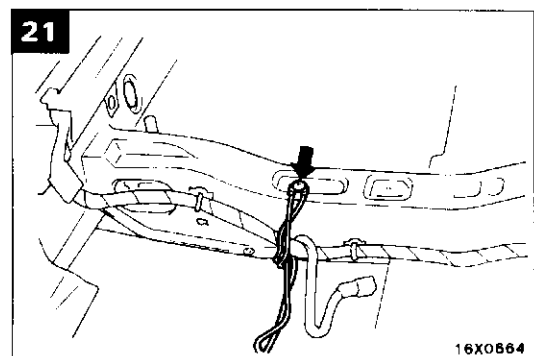
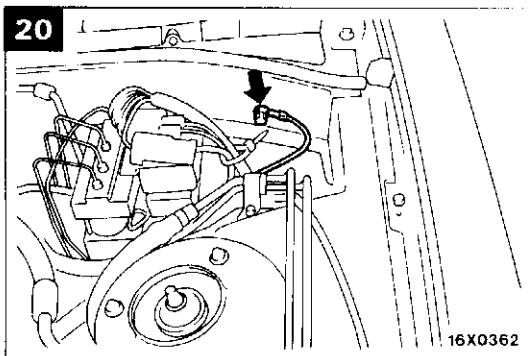
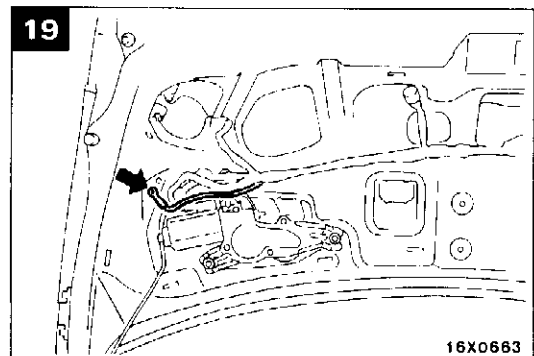
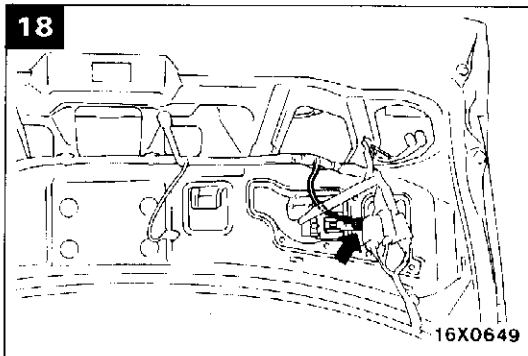
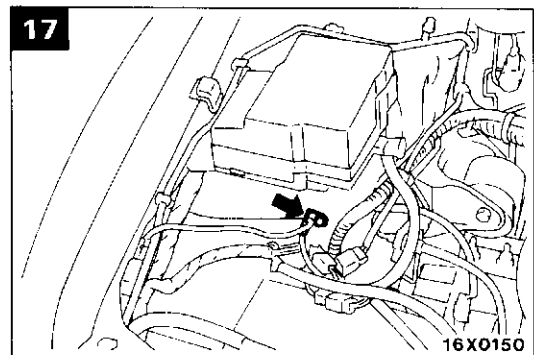
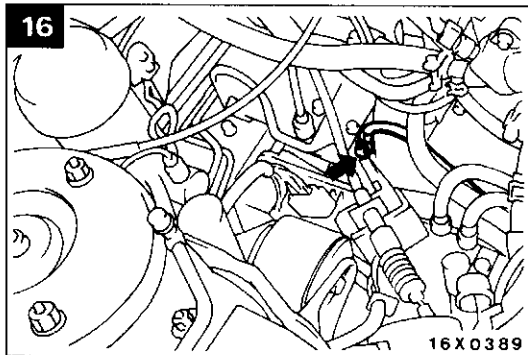
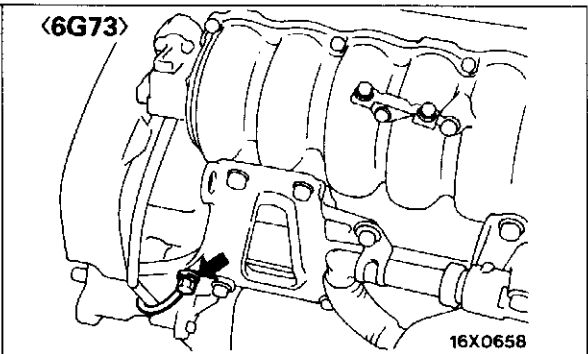
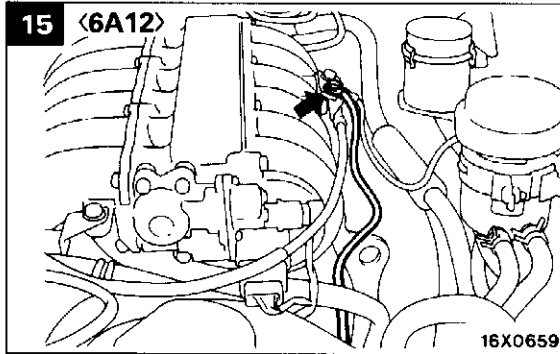
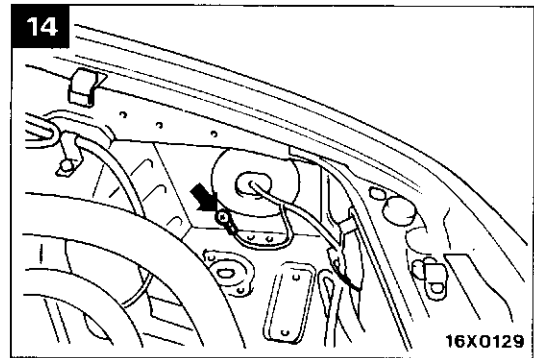
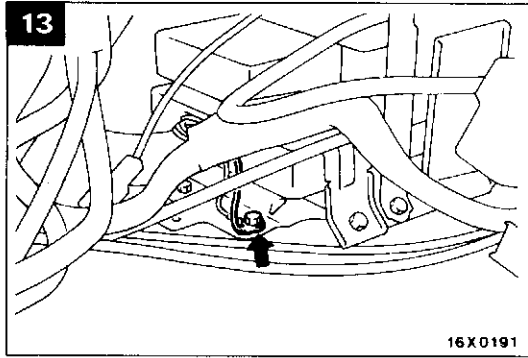
<R.H. drive vehicles>



36X0063







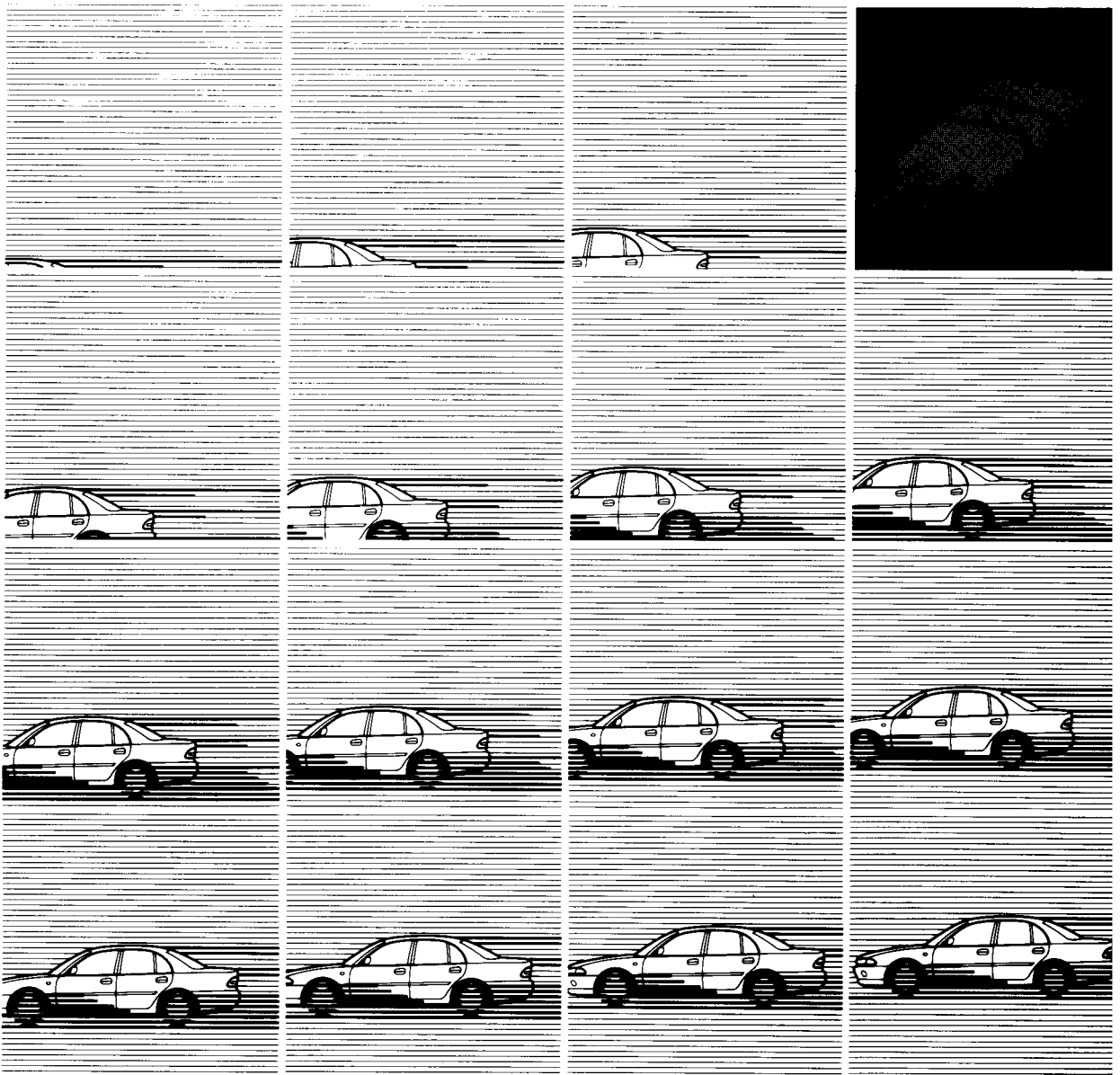


# Workshop Manual

electrical wiring

SUPPLEMENT

## MITSUBISHI GALANT '95



Pub. No. PHDE9220-C

# MITSUBISHI GALANT GALANT HATCHBACK

## ELECTRICAL WIRING SUPPLEMENT

### FOREWORD

This publication is a supplement to the Electrical Wiring Manual Pub. No. PHDE9220-B and contains only additions and changes to the original issue. It is recommended that all service mechanics engaged in the servicing of the vehicles refer to the following publications as well as this manual.

TECHNICAL INFORMATION MANUAL  
PYDE 9203

WORKSHOP MANUAL  
ENGINE GROUP PWEE□□□□  
(Loose-leaf edition)  
CHASSIS GROUP PWDE9211  
(Loose-leaf edition)  
PWDE9211-C  
(Supplement)  
BODY REPAIR MANUAL PBDE9210  
ELECTRICAL WIRING PHDE9220-B  
(Loose-leaf edition)

PARTS CATALOGUE B608F002A□  
B608F004A□  
B608F005A□

All information, illustrations and product descriptions contained in this manual are correct as of time of publication. We, however, reserve the right to make changes at any time without prior notice or obligation.



### GROUP INDEX

OUTLINE OF CHANGES .....



HOW TO READ THE  
WIRING DIAGRAMS .....



CIRCUIT DIAGRAM .....



# HOW TO USE THIS MANUAL

## CONTENTS

The preceding page contains GROUP INDEX which lists the group title and group number.

## PAGE NUMBERS

All page numbers consist of two sets of digits separated by a dash. The digits preceding the dash identify the number of the group. The digits following the dash represent the consecutive page number within the group. The page numbers can be found on the top left or right of each page.

## OPERATION AND TROUBLESHOOTING HINTS

In the GROUP 4 circuit diagrams, the operation and troubleshooting hints are given on the previous page or following page for each circuit where necessary.

# OUTLINE OF CHANGES

**CIRCUIT DIAGRAM ..... 2**  
**TABLE OF CIRCUIT DIAGRAMS ..... 2**

## CIRCUIT DIAGRAM

| Circuit diagrams       |  |           | Description of changes  |
|------------------------|--|-----------|---|
| Main title             | Subtitle                               | Ref. page |   |
| AIR PURIFIER           | Without full automatic air conditioner | 4-2       | The circuits inside the air purifier have been changed.   |
|                        | With full automatic air conditioner    | 4-3       |   |
| ANTI-SKID BRAKE SYSTEM | 2WD <L.H. drive vehicles>              | 4-4       | The pedal stroke sensor has been abolished to correspond to changes in the system. <Vehicles without TCL> |
|                        | 2WD <R.H. drive vehicles>              | 4-10      |   |

## TABLE OF CIRCUIT DIAGRAMS

This table of circuit diagrams indicates those circuits in which changes and/or additions, etc. have been made; the circuits are here listed in the sequence in which they are presented in the wiring diagrams. Please use this table for reference when following maintenance or repair procedures.

### NOTE

- (1) The [●] symbol indicates a circuit in which a change and/or addition has been made.
- (2) The [○] symbol indicates a circuit in which no change has been made. For details please refer to the wiring diagr.

| Main circuit              | Circuit classifications                            | Pub. No. PHDE9220-B<br>(Loose-leaf edition) | Pub. No. PHDE9220-C<br>(Supplement) |
|---------------------------|--|---|-------------------------------------|
| JUNCTION BLOCK            | —  | ○   | ○                                   |
| CENTRALIZED JUNCTION      | —  | ○   | ○                                   |
| POWER DISTRIBUTION SYSTEM | —  | ○   | ○                                   |
| STARTING SYSTEM           | Petrol-powered vehicles without theft-alarm system | ○   | ○                                   |
|                           | Diesel-powered vehicles without theft-alarm system | ○   | ○                                   |
|                           | Petrol-powered vehicles with theft-alarm system    | ○   | ○                                   |
|                           | Diesel-powered vehicles with theft-alarm system    | ○   | ○                                   |
| IGNITION SYSTEM           | 4G93, 4G63   | ○   | ○                                   |
|                           | 6A12, 6G73 <L.H. drive vehicles>                   | ○   | ○                                   |
|                           | 6A12, 6G73 <R.H. drive vehicles>                   | ○   | ○                                   |
| CHARGING SYSTEM           | 4G93   | ○   | ○                                   |
|                           | 4G63   | ○   | ○                                   |
|                           | 6A12   | ○   | ○                                   |
|                           | 6G73   | ○   | ○                                   |
|                           | 4D68   | ○   | ○                                   |
| GLOW SYSTEM               | —  | ○   | ○                                   |
| MPI SYSTEM                | 4G93, 4G63   | ○   | ○                                   |
|                           | 6A12, 6G73   | ○   | ○                                   |
| COOLING SYSTEM            | 4G93, 4G63-2WD                                     | ○   | ○                                   |
|                           | 4G63-4WD   | ○   | ○                                   |
|                           | 6A12-M/T   | ○   | ○                                   |
|                           | 6A12-A/T, 6G73                                     | ○   | ○                                   |
|                           | 4D68   | ○   | ○                                   |

| Main circuit                                    | Circuit classifications                          | Pub. No. PHDE9220-B<br>(Loose-leaf edition) | Pub. No. PHDE9220-C<br>(Supplement) |
|---|--|---|-------------------------------------|
| ELC 4-SPEED AUTOMATIC TRANSMISSION              | —  | ○   | ○                                   |
| HEADLAMP  | L.H. drive vehicles without daytime running lamp | ○   | ○                                   |
|   | L.H. drive vehicles with daytime running lamp    | ○   | ○                                   |
|   | R.H. drive vehicles without dim-dip lamp         | ○   | ○                                   |
|   | R.H. drive vehicles with dim-dip lamp            | ○   | ○                                   |
| HEADLAMP LEVELING SYSTEM                        | L.H. drive vehicles                              | ○   | ○                                   |
|   | R.H. drive vehicles                              | ○   | ○                                   |
| TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP | Sedan <L.H. drive vehicles>                      | ○   | ○                                   |
|   | Sedan <R.H. drive vehicles>                      | ○   | ○                                   |
|   | Hatchback <L.H. drive vehicles>                  | ○   | ○                                   |
|   | Hatchback <R.H. drive vehicles>                  | ○   | ○                                   |
| FRONT FOG LAMP                                  | L.H. drive vehicles                              | ○   | ○                                   |
|   | R.H. drive vehicles                              | ○   | ○                                   |
| REAR FOG LAMP                                   | L.H. drive vehicles                              | ○   | ○                                   |
|   | R.H. drive vehicles                              | ○   | ○                                   |
| ROOM LAMP                                       | Vehicles without ETACS                           | ○   | ○                                   |
|   | Vehicles with ETACS                              | ○   | ○                                   |
| LUGGAGE COMPARTMENT LAMP                        | Vehicles without theft-alarm system              | ○   | ○                                   |
|   | Vehicles with theft-alarm system                 | ○   | ○                                   |
| DOOR LAMP                                       | L.H. drive vehicles                              | ○   | ○                                   |
|   | R.H. drive vehicles                              | ○   | ○                                   |
| IGNITION KEY CYLINDER ILLUMINATION LAMP         | Vehicles without ETACS                           | ○   | ○                                   |
|   | Vehicles with ETACS                              | ○   | ○                                   |
| TURN-SIGNAL LAMP AND HAZARD LAMP                | —  | ○   | ○                                   |
| STOP LAMP                                       | —  | ○   | ○                                   |
| BACK-UP LAMP                                    | M/T  | ○   | ○                                   |
|   | A/T  | ○   | ○                                   |
| HORN  | Vehicles without SRS                             | ○   | ○                                   |
|   | Vehicles with SRS                                | ○   | ○                                   |
| METER AND GAUGE                                 | Petrol-powered vehicles                          | ○   | ○                                   |
|   | Diesel-powered vehicles                          | ○   | ○                                   |
| BRAKE WARNING LAMP                              | —  | ○   | ○                                   |
| FUEL FILTER WARNING LAMP                        | —  | ○   | ○                                   |
| OIL PRESSURE WARNING LAMP                       | —  | ○   | ○                                   |
| FUEL WARNING LAMP                               | —  | ○   | ○                                   |
| ENGINE OIL LEVEL WARNING LAMP                   | —  | ○   | ○                                   |
| CHARGE WARNING LAMP                             | —  | ○   | ○                                   |
| POWER WINDOWS                                   | L.H. drive vehicles                              | ○   | ○                                   |
|   | R.H. drive vehicles                              | ○   | ○                                   |

## OUTLINE OF CHANGES – Table of Circuit Diagrams

| Main circuit                            | Circuit classifications                   | Pub. No. PHDE9220-B<br>(Loose-leaf edition) | Pub. No. PHDE9220-C<br>(Supplement) |
|---|---|---|-------------------------------------|
| CENTRAL DOOR LOCKING SYSTEM             | L.H. drive vehicles without power windows | ○   | ○                                   |
|   | R.H. drive vehicles without power windows | ○   | ○                                   |
|   | L.H. drive vehicles with power windows    | ○   | ○                                   |
|   | R.H. drive vehicles with power windows    | ○   | ○                                   |
| HEATER AND MANUAL AIR CONDITIONER       | Petrol-powered vehicles <2WD>             | ○   | ○                                   |
|   | Petrol-powered vehicles <4WD>             | ○   | ○                                   |
|   | Diesel-powered vehicles                   | ○   | ○                                   |
| FULL AUTOMATIC AIR CONDITIONER          | 6A12-M/T                                  | ○   | ○                                   |
|   | 6A12-A/T                                  | ○   | ○                                   |
|   | 6G73                                      | ○   | ○                                   |
| AIR PURIFIER                            | Without full automatic air conditioner    | ○   | ●                                   |
|   | With full automatic air conditioner       | ○   | ●                                   |
| WINDSHIELD WIPER AND WASHER             | —   | ○   | ○                                   |
| REAR WIPER AND WASHER                   | Sedan <L.H. drive vehicles>               | ○   | ○                                   |
|   | Sedan <R.H. drive vehicles>               | ○   | ○                                   |
|   | Hatchback <L.H. drive vehicles>           | ○   | ○                                   |
|   | Hatchback <R.H. drive vehicles>           | ○   | ○                                   |
| HEADLAMP WASHER                         | L.H. drive vehicles                       | ○   | ○                                   |
|   | R.H. drive vehicles                       | ○   | ○                                   |
| DEFOGGER AND DOOR MIRROR HEATER         | L.H. drive vehicles without ETACS         | ○   | ○                                   |
|   | R.H. drive vehicles without ETACS         | ○   | ○                                   |
|   | L.H. drive vehicles with ETACS            | ○   | ○                                   |
|   | R.H. drive vehicles with ETACS            | ○   | ○                                   |
| REMOTE CONTROLLED MIRROR                | L.H. drive vehicles                       | ○   | ○                                   |
|   | R.H. drive vehicles                       | ○   | ○                                   |
| RADIO AND TAPE PLAYER                   | Pole antenna <Sedan>                      | ○   | ○                                   |
|   | Pole antenna <Hatchback>                  | ○   | ○                                   |
|   | Motor antenna <Sedan>                     | ○   | ○                                   |
|   | Motor antenna <Hatchback>                 | ○   | ○                                   |
| CLOCK                                   | —   | ○   | ○                                   |
| CIGARETTE LIGHTER                       | —   | ○   | ○                                   |
| ELECTRONIC CONTROLLED POWER STEERING    | —   | ○   | ○                                   |
| ACTIVE-ELECTRONIC CONTROLLED SUSPENSION | L.H. drive vehicles                       | ○   | ○                                   |
|   | R.H. drive vehicles                       | ○   | ○                                   |
| ELECTRONIC CONTROLLED SUSPENSION        | L.H. drive vehicle                        | ○   | ○                                   |
|   | R.H. drive vehicles                       | ○   | ○                                   |
| ACTIVE-4WS CONTROL SYSTEM               | L.H. drive vehicles                       | ○   | ○                                   |
|   | R.H. drive vehicles                       | ○   | ○                                   |



# OUTLINE OF CHANGES – Table of Circuit Diagrams

| Main circuit                        | Circuit classifications                       | Pub. No. PHDE9220-B<br>(Loose-leaf edition) | Pub. No. PHDE9220-C<br>(Supplement) |
|-------------------------------------|---|---|-------------------------------------|
| ANTI-SKID BRAKE SYSTEM              | 2WD <L.H. drive vehicles>                     | ○   | ●                                   |
|                                     | 2WD <R.H. drive vehicles>                     | ○   | ●                                   |
|                                     | 4WD <L.H. drive vehicles>                     | ○   | ○                                   |
|                                     | 4WD <R.H. drive vehicles>                     | ○   | ○                                   |
| FUZZY-TRACTION CONTROL SYSTEM       | L.H. drive vehicles                           | ○   | ○                                   |
|                                     | R.H. drive vehicles                           | ○   | ○                                   |
| AUTO-CRUISE CONTROL SYSTEM          | SOHC  | ○   | ○                                   |
|                                     | DOHC  | ○   | ○                                   |
| POWER SEAT                          | L.H. drive vehicles                           | ○   | ○                                   |
|                                     | R.H. drive vehicles                           | ○   | ○                                   |
| HEATED SEAT                         | —   | ○   | ○                                   |
| SUNROOF                             | —   | ○   | ○                                   |
| LIGHTING MONITOR BUZZER             | L.H. drive vehicles without ETACS             | ○   | ○                                   |
|                                     | R.H. drive vehicles without ETACS             | ○   | ○                                   |
|                                     | L.H. drive vehicles with ETACS                | ○   | ○                                   |
|                                     | R.H. drive vehicles with ETACS                | ○   | ○                                   |
| SUPPLEMENTAL RESTRAINT SYSTEM (SRS) | Petrol-powered vehicles <L.H. drive vehicles> | ○   | ○                                   |
|                                     | Petrol-powered vehicles <R.H. drive vehicles> | ○   | ○                                   |
|                                     | Diesel-powered vehicles <L.H. drive vehicles> | ○   | ○                                   |
|                                     | Diesel-powered vehicles <R.H. drive vehicles> | ○   | ○                                   |
| THEFT-ALARM SYSTEM                  | —   | ○   | ○                                   |

# 1 HOW TO READ THE WIRING DIAGRAMS

|              |     |
|--------------|-----|
| MODELS ..... | 1-2 |
|--------------|-----|

## MODELS

## Sedan

| Model code |            | Engine model  | Transmission model | Fuel supply system |
|------------|------------|---|--------------------|--------------------|
| E52A       | SNJEQL6/R6 | 4G93 (1,834 ml)   | F5M22 (2WD-5M/T)   | MPI                |
|            | SNHEQL6/R6 |   |                    |                    |
|            | SNJESL6    |   |                    |                    |
|            | SNHESL6    |   | F4A22 (2WD-4A/T)   |                    |
|            | SRHEQL6/R6 |   |                    |                    |
|            | SRHESL6    |   |                    |                    |
| E55A       | SNJEQL6/R6 | 4G63 (1,997 ml)   | F5M22 (2WD-5M/T)   |                    |
|            | SNHEQL6/R6 |   | F4A22 (2WD-4A/T)   |                    |
|            | SRHEQL6/R6 |   |                    |                    |
| E54A       | SNGMQL6/R6 | 6A12 (1,999 ml)   | F5M31 (2WD-5M/T)   |                    |
|            | SRGMQL6/R6 |   | F4A23 (2WD-4A/T)   |                    |
| E57A       | SNJFL6/R6  | 4D68 (1,998 ml)<br>with intercooler<br>and turbocharger | F5M31 (2WD-5M/T)   |                    |
|            | SNHFL6/R6  |   |                    |                    |
|            | SNHFQL6    |   |                    |                    |
| E75A       | SNHEQL6    | 4G63 (1,997 ml)   | W5M31 (4WD-5M/T)   | MPI                |
| E88A       | SNGMQL6    | 6G73 (2,497 ml)   | W5M33 (4WD-5M/T)   |                    |
| E52A       | SRHEQL6B   | 4G93 (1,834 ml)   | F4A22 (2WD-4A/T)   |                    |
|            | SNJEQL6B   |   |                    |                    |
| E55A       | SRHEQL6B   | 4G63 (1,997 ml)   |                    |                    |

Hatchback

| Model code |            | Engine model  | Transmission model | Fuel supply system    |
|------------|------------|---|--------------------|-----------------------|
| E52A       | LNJEQL6/R6 | 4G93 (1,834 mℓ)   | F5M22 (2WD-5M/T)   | MPI                   |
|            | LNHEQL6/R6 |   |                    |                       |
|            | LNJESL6    |   | F4A22 (2WD-4A/T)   |                       |
|            | LNHESL6    |   |                    |                       |
|            | LRHEQL6/R6 |   |                    |                       |
|            | LRHESL6    |   |                    |                       |
| E55A       | LNJEQL6/R6 | 4G63 (1,997 mℓ)   | F5M22 (2WD-5M/T)   |                       |
|            | LNHEQL6/R6 |   | F4A22 (2WD-4A/T)   |                       |
|            | LRHEQL6/R6 |   |                    |                       |
| E54A       | LNGMQL6/R6 | 6A12 (1,999 mℓ)   | F5M31 (2WD-5M/T)   |                       |
|            | LRGMQL6/R6 |   | F4A23 (2WD-4A/T)   |                       |
| E57A       | LNJFL6/R6  | 4D68 (1,998 mℓ)<br>with intercooler<br>and turbocharger | F5M31 (2WD-5M/T)   | Diesel fuel injection |
|            | LNHFL6/R6  |   |                    |                       |
| E75A       | LNHEQL6    | 4G63 (1,997 mℓ)   | W5M31 (4WD-5M/T)   | MPI                   |
| E88A       | LNGMQL6/R6 | 6G73 (2,497 mℓ)   | W5M33 (4WD-5M/T)   |                       |

## 4 CIRCUIT DIAGRAM

### AIR PURIFIER

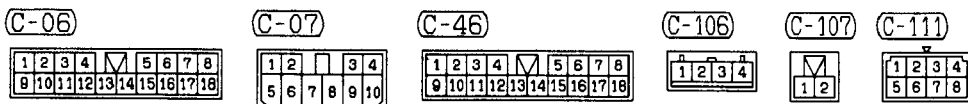
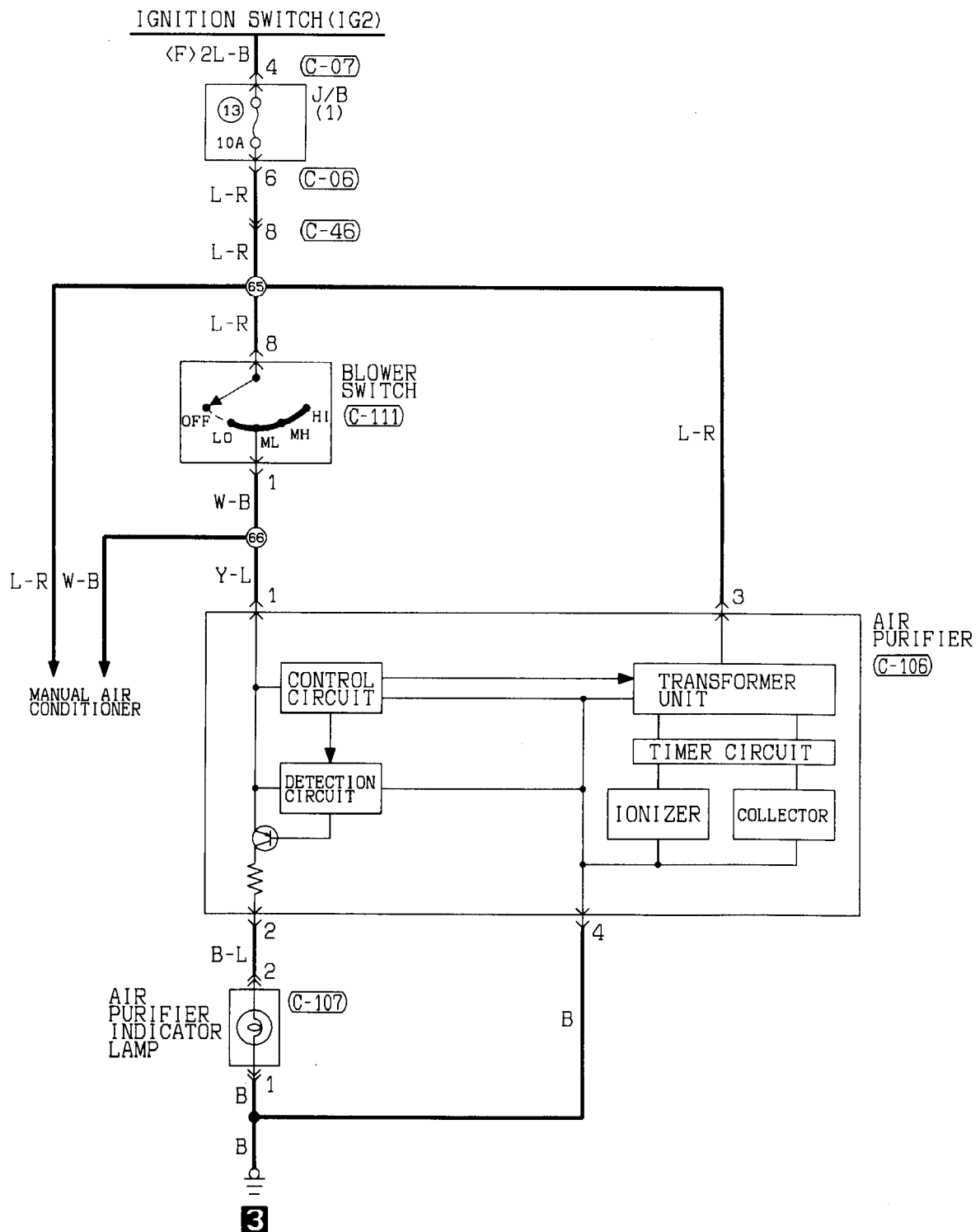
- Without full automatic air conditioner ..... 4-2
- With full automatic air conditioner ..... 4-3

### ANTI-SKID BRAKE SYSTEM

- 2WD <L.H. drive vehicles> ..... 4-4
- 2WD <R.H. drive vehicles> ..... 4-10

AIR PURIFIER

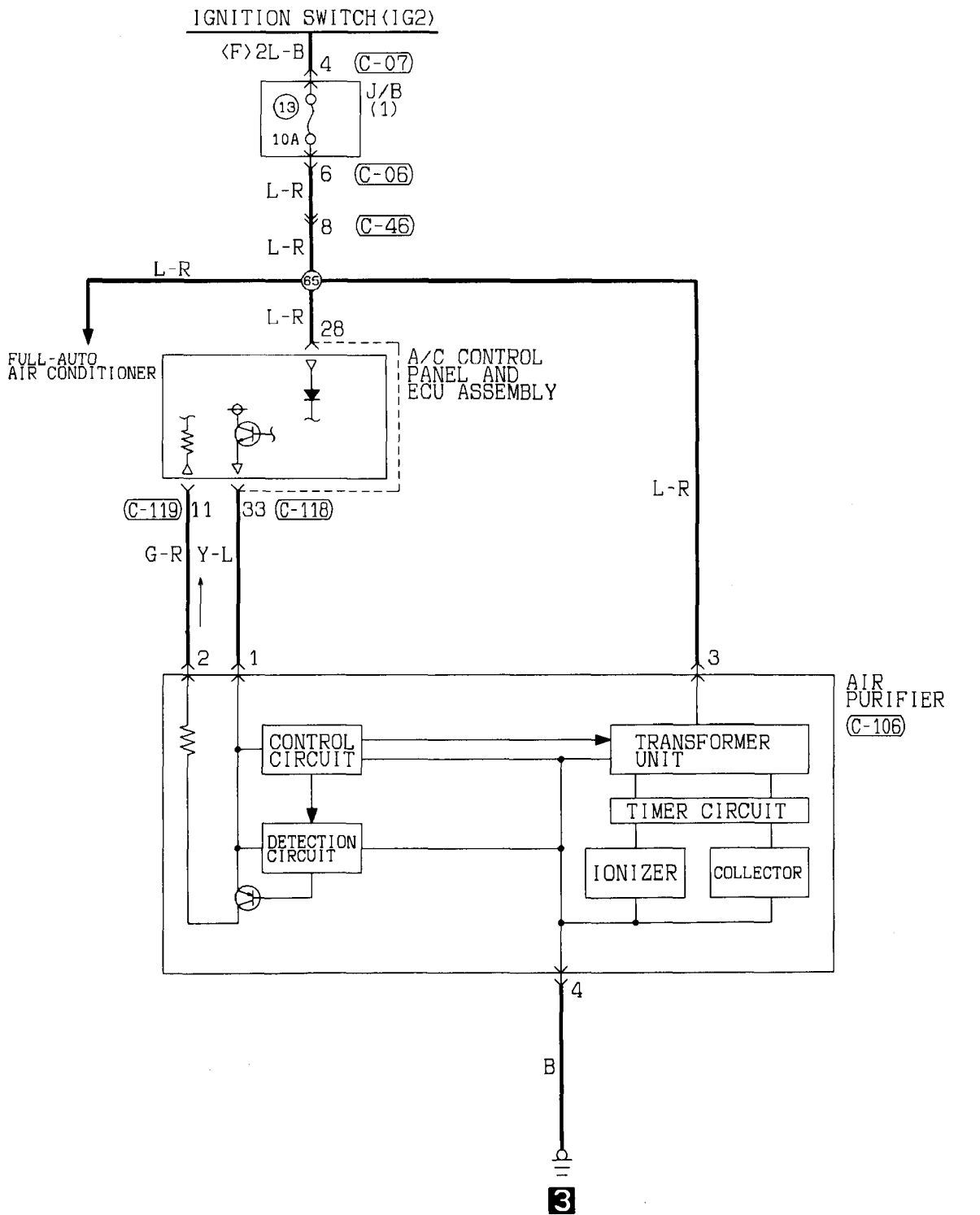
Without full automatic air conditioner



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

AIR PURIFIER

With full automatic air conditioner



(C-06)

|   |    |    |    |    |    |    |    |    |    |
|---|----|----|----|----|----|----|----|----|----|
| 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  |    |    |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |

(C-07)

|   |   |   |   |   |    |
|---|---|---|---|---|----|
| 1 | 2 | 3 | 4 |   |    |
| 5 | 6 | 7 | 8 | 9 | 10 |

(C-46)

|   |    |    |    |    |    |    |    |    |    |
|---|----|----|----|----|----|----|----|----|----|
| 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  |    |    |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |

(C-106)

|   |   |   |   |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
|---|---|---|---|

(C-118)

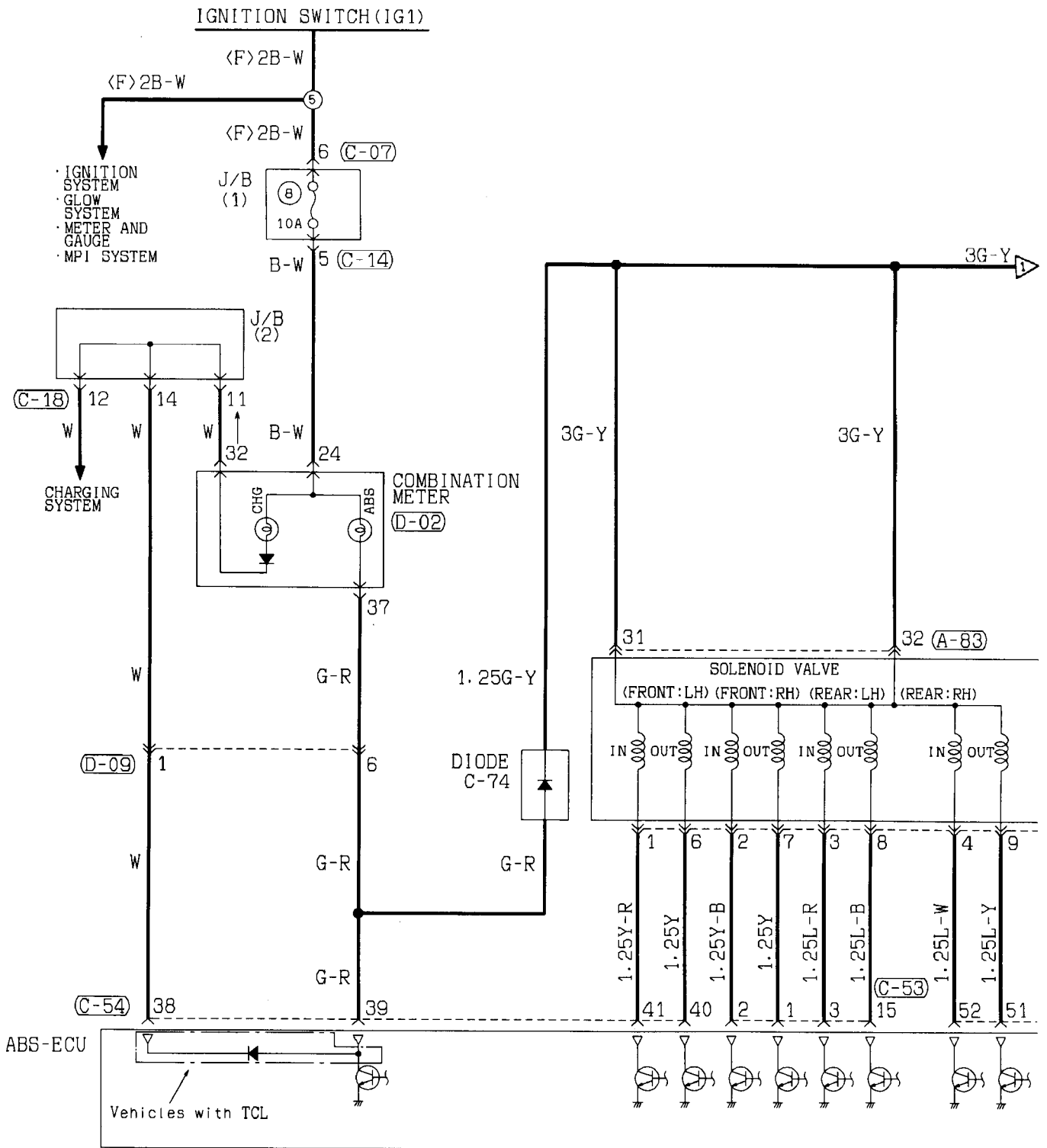
|    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |

(C-119)

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |

Wire colour code  
 B:Black    LG:Light green    G:Green    L:Blue    W:White    Y:Yellow    SB:Sky blue  
 BR:Brown    O:Orange    GR:Gray    R:Red    P:Pink    V:Violet

ANTI-SKID BRAKE SYSTEM  
2WD<L. H. drive vehicles>



(A-83)

|    |    |
|----|----|
| 31 | 32 |
|----|----|

(C-07)

|   |   |   |   |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |

(C-14)

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |

(C-18)

|    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |

(C-53)

|    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

(C-54)

|    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 |
| 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 |

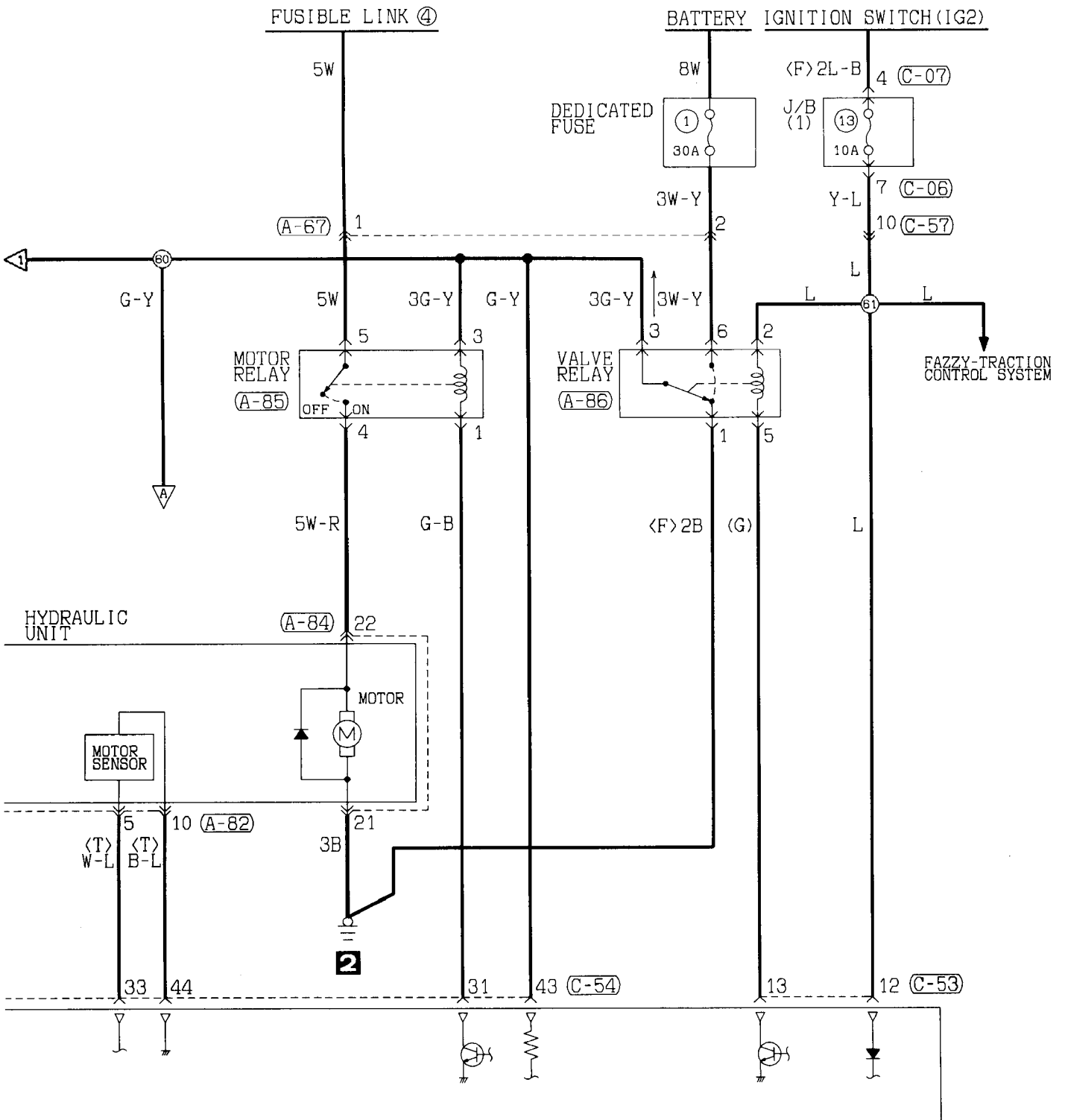
(D-02)

|    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 |    |    |    |    |    |    |    |
| 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 |

(D-09)

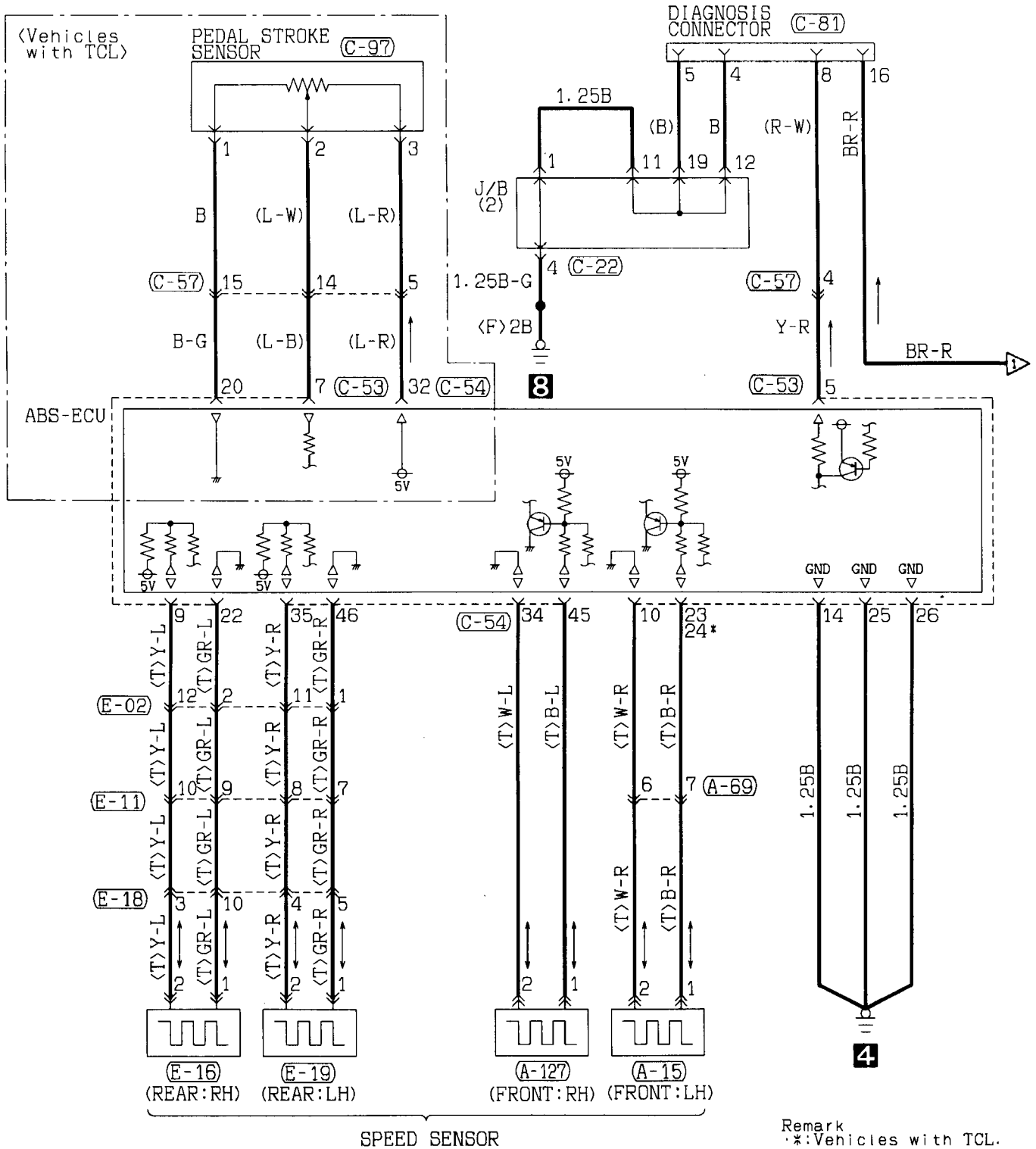
|   |   |   |    |    |    |
|---|---|---|----|----|----|
| 1 | 2 | 3 | 4  | 5  | 6  |
| 7 | 8 | 9 | 10 | 11 | 12 |



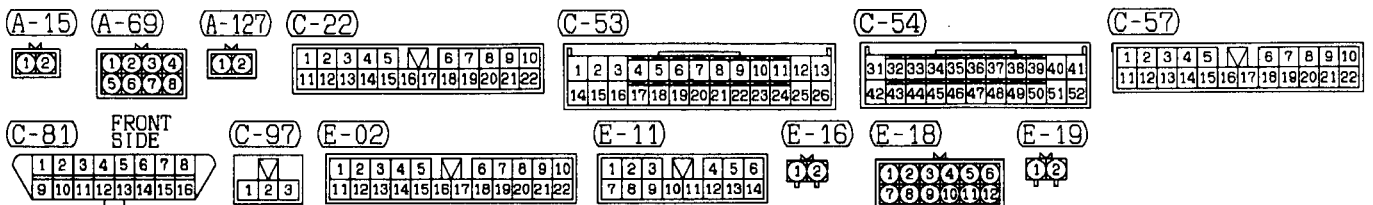


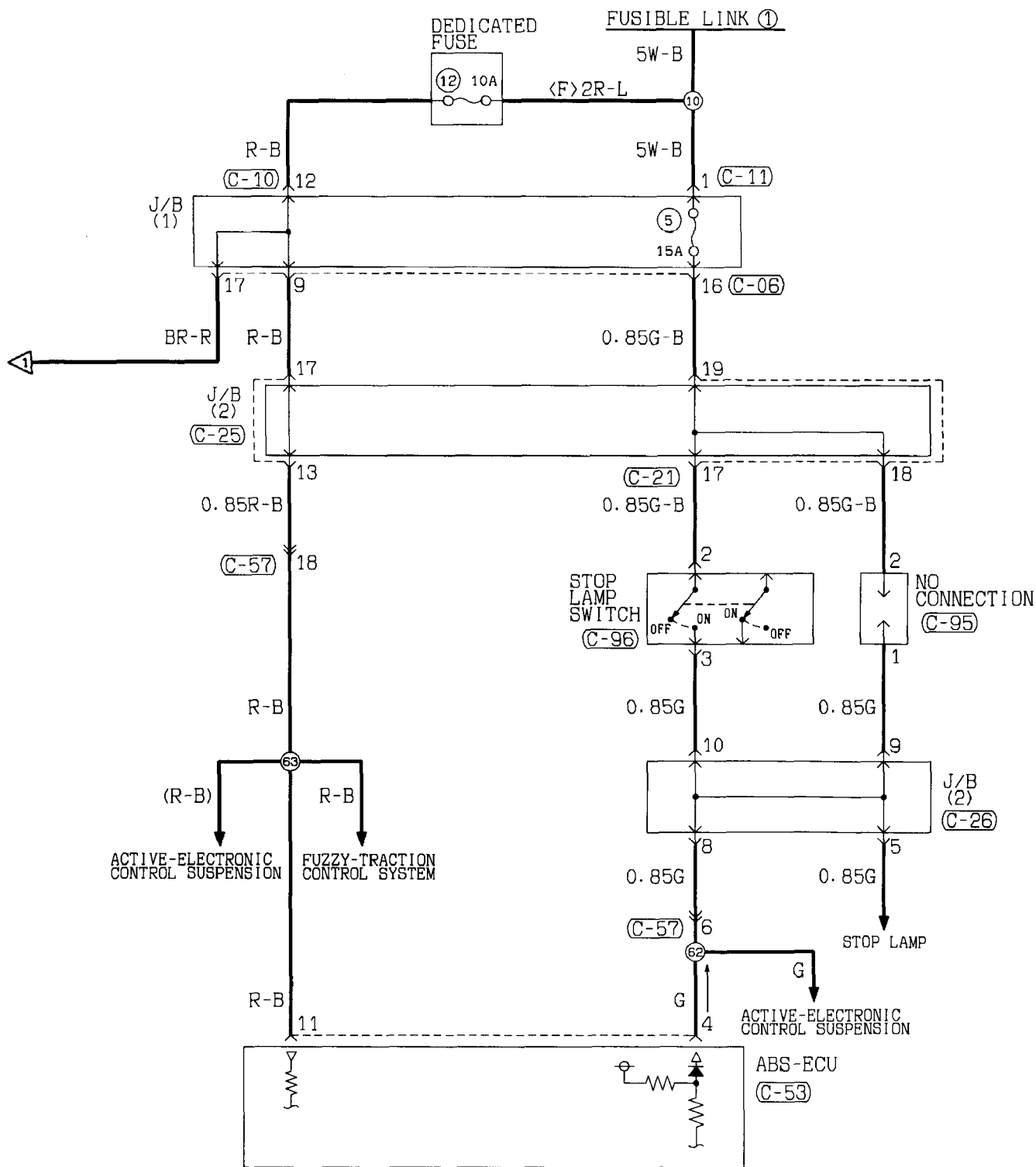
|   |  |                           |                               |                                 |  |  |  |
|---|--|---------------------------|-------------------------------|---------------------------------|--|--|--|
| <b>(A-67)</b><br>1<br>2   | <b>(A-82)</b><br>1 2 3 4 5<br>6 7 8 9 10                                       | <b>(A-84)</b><br>21<br>22 | <b>(A-85)</b><br>1 2 3<br>4 5 | <b>(A-86)</b><br>1 2 3<br>4 5 6 | <b>(C-06)</b><br>1 2 3 4 5 6 7 8<br>9 10 11 12 13 14 15 16 17 18 | <b>(C-07)</b><br>1 2 3 4<br>5 6 7 8 9 10 | <b>(C-53)</b><br>1 2 3 4 5 6 7 8 9 10 11 12 13<br>14 15 16 17 18 19 20 21 22 23 24 25 26 |
| <b>(C-54)</b><br>31 32 33 34 35 36 37 38 39 40 41<br>42 43 44 45 46 47 48 49 50 51 52 | <b>(C-57)</b><br>1 2 3 4 5 M 6 7 8 9 10<br>11 12 13 14 15 16 17 18 19 20 21 22 |                           |                               |                                 |  |  |  |

ANTI-SKID BRAKE SYSTEM  
 <2WD> (L.H. drive vehicles) (CONTINUED)



Remark  
 \*: Vehicles with TCL.





(C-06)

|   |    |    |    |    |    |    |    |    |    |
|---|----|----|----|----|----|----|----|----|----|
| 1 | 2  | 3  | 4  | M  | 5  | 6  | 7  | 8  |    |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |

(C-10)

|   |    |    |    |    |    |    |    |    |    |
|---|----|----|----|----|----|----|----|----|----|
| 1 | 2  | 3  | 4  | M  | 5  | 6  | 7  | 8  |    |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |

(C-11)

|   |
|---|
| 1 |
|---|

(C-21)

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | M  | 6  | 7  | 8  | 9  | 10 |    |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |

(C-25)

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | M  | 6  | 7  | 8  | 9  | 10 |    |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |

(C-26)

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | M  | 6  | 7  | 8  | 9  | 10 |    |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |

(C-53)

|    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

(C-57)

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | M  | 6  | 7  | 8  | 9  | 10 |    |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |

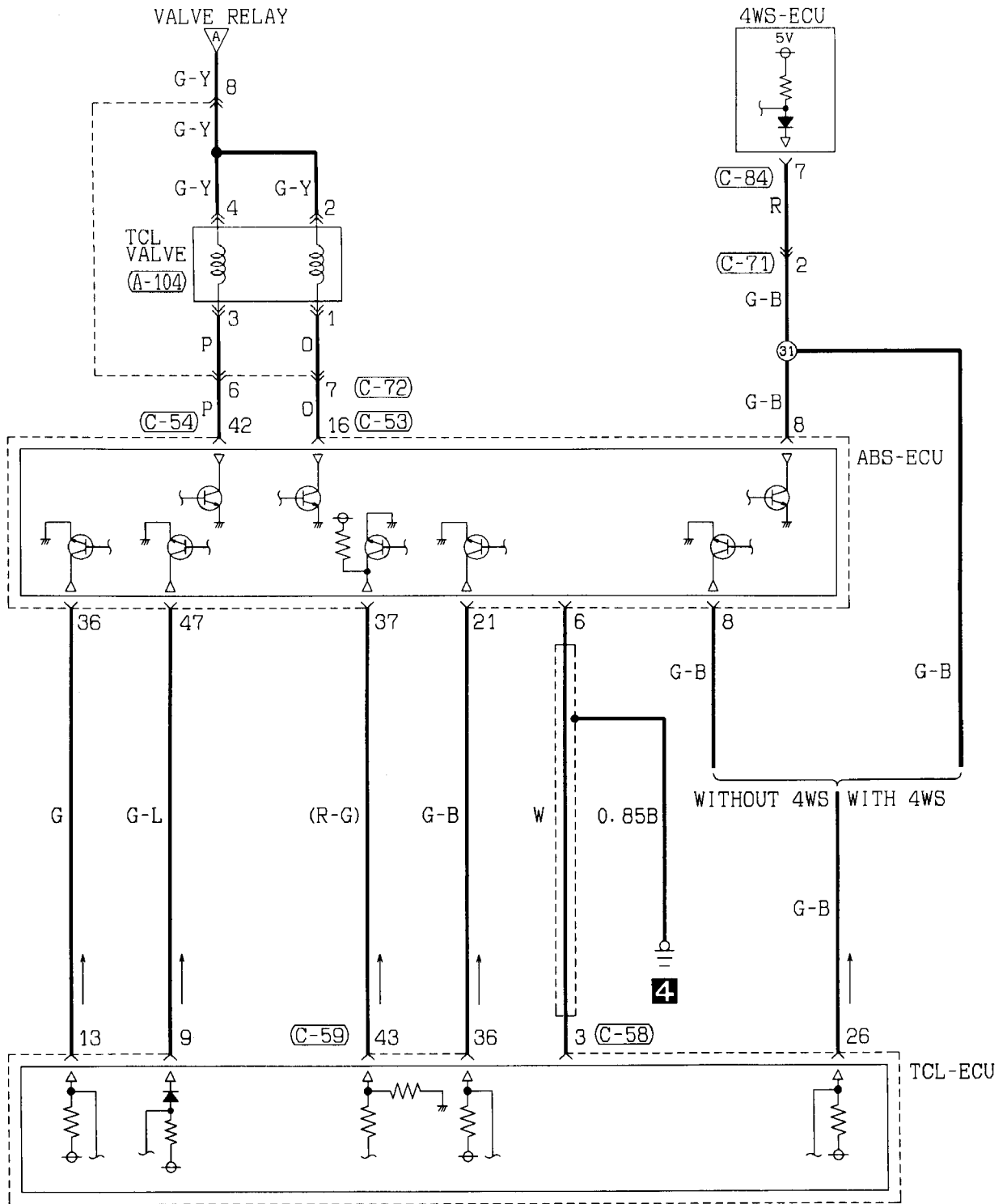
(C-95)

|   |
|---|
| 1 |
|---|

(C-96)

|   |   |
|---|---|
| 1 | 2 |
| 3 | 4 |

ANTI-SKID BRAKE SYSTEM <2WD> (L.H. drive vehicles)  
(CONTINUED)



A-104

|   |    |    |    |    |    |    |    |
|---|----|----|----|----|----|----|----|
| 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |

C-53

|    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

C-54

|    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 |
| 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 |

C-58

|    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

C-59

|    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 |
| 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 |

C-71

|   |    |   |   |
|---|----|---|---|
| 1 | 2  | 3 | 4 |
| 5 | 6  | 7 | 8 |
| 9 | 10 |   |   |

C-72

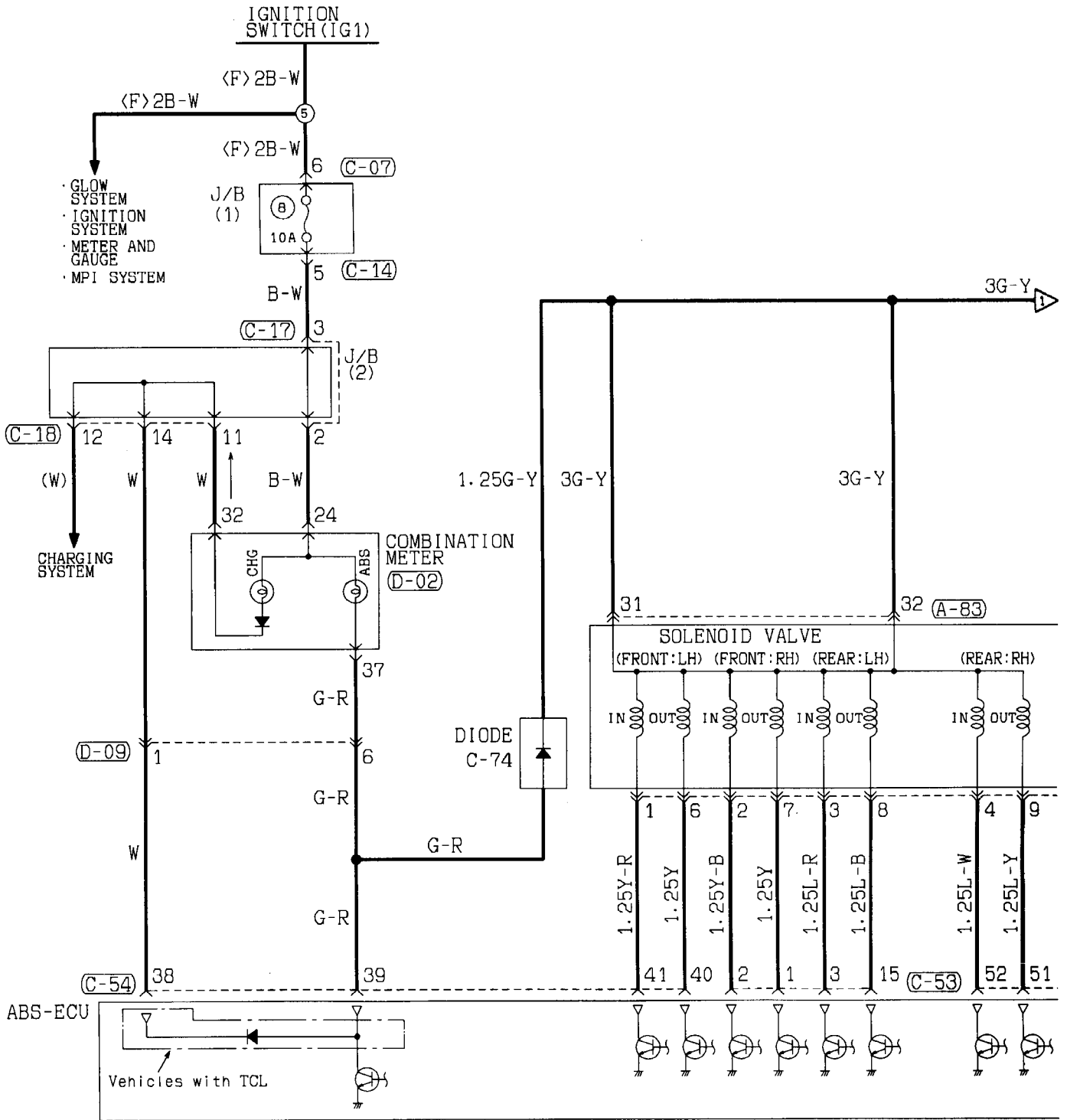
|    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  |
| 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 |    |    |    |    |    |    |

C-84

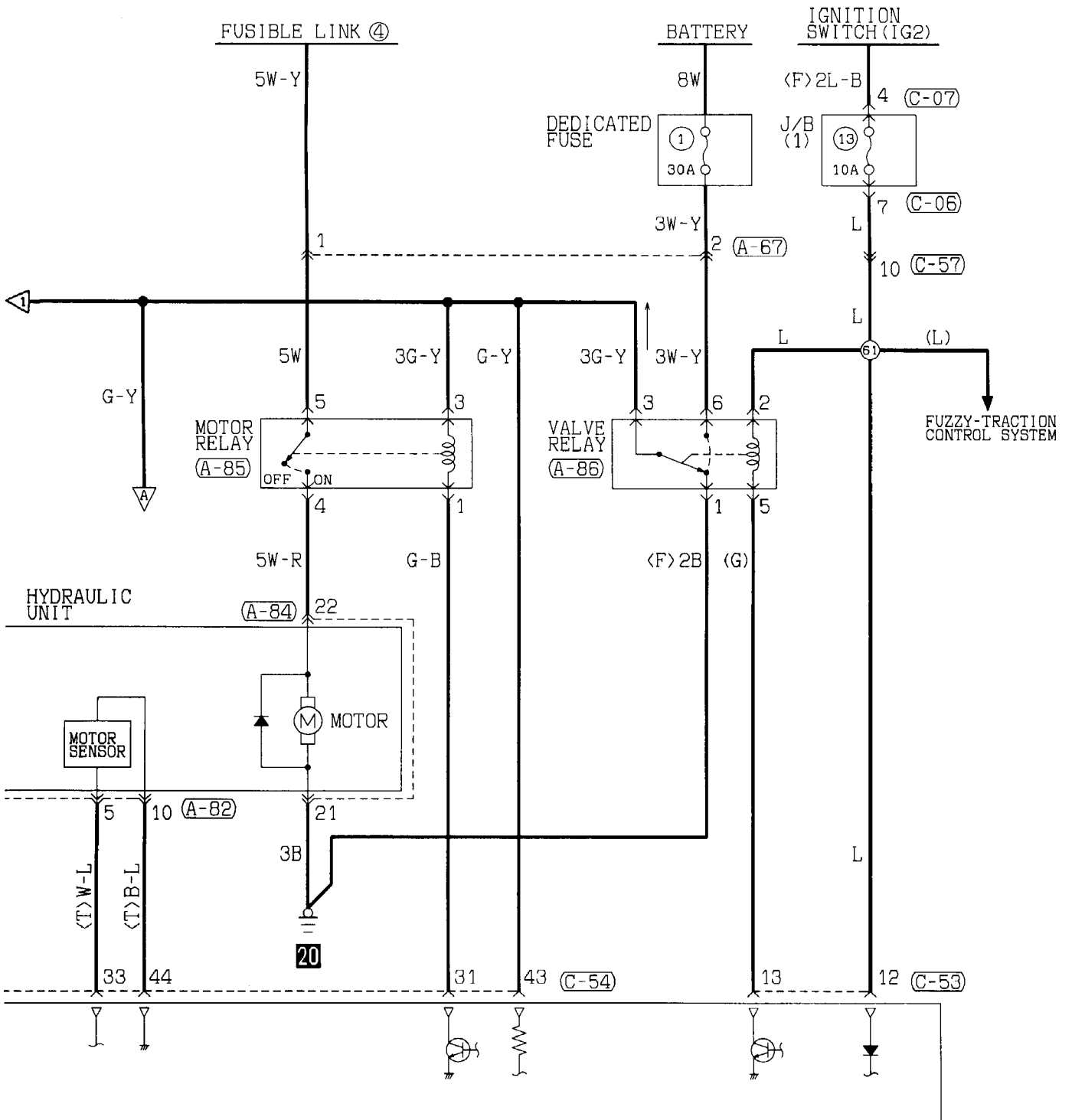
|    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

NOTES

ANTI-SKID BRAKE SYSTEM  
2WD<R. H. drive vehicles>

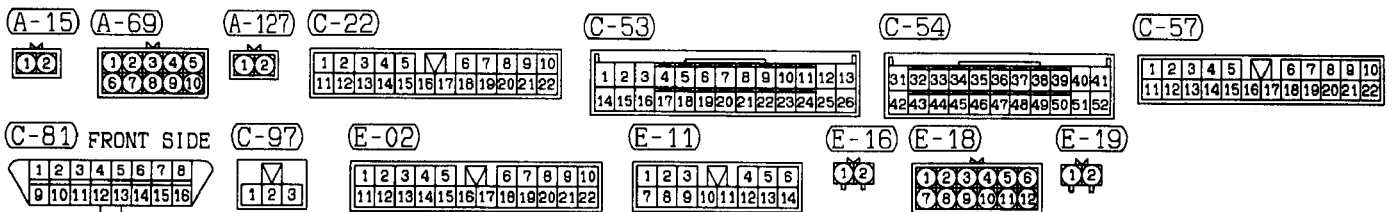
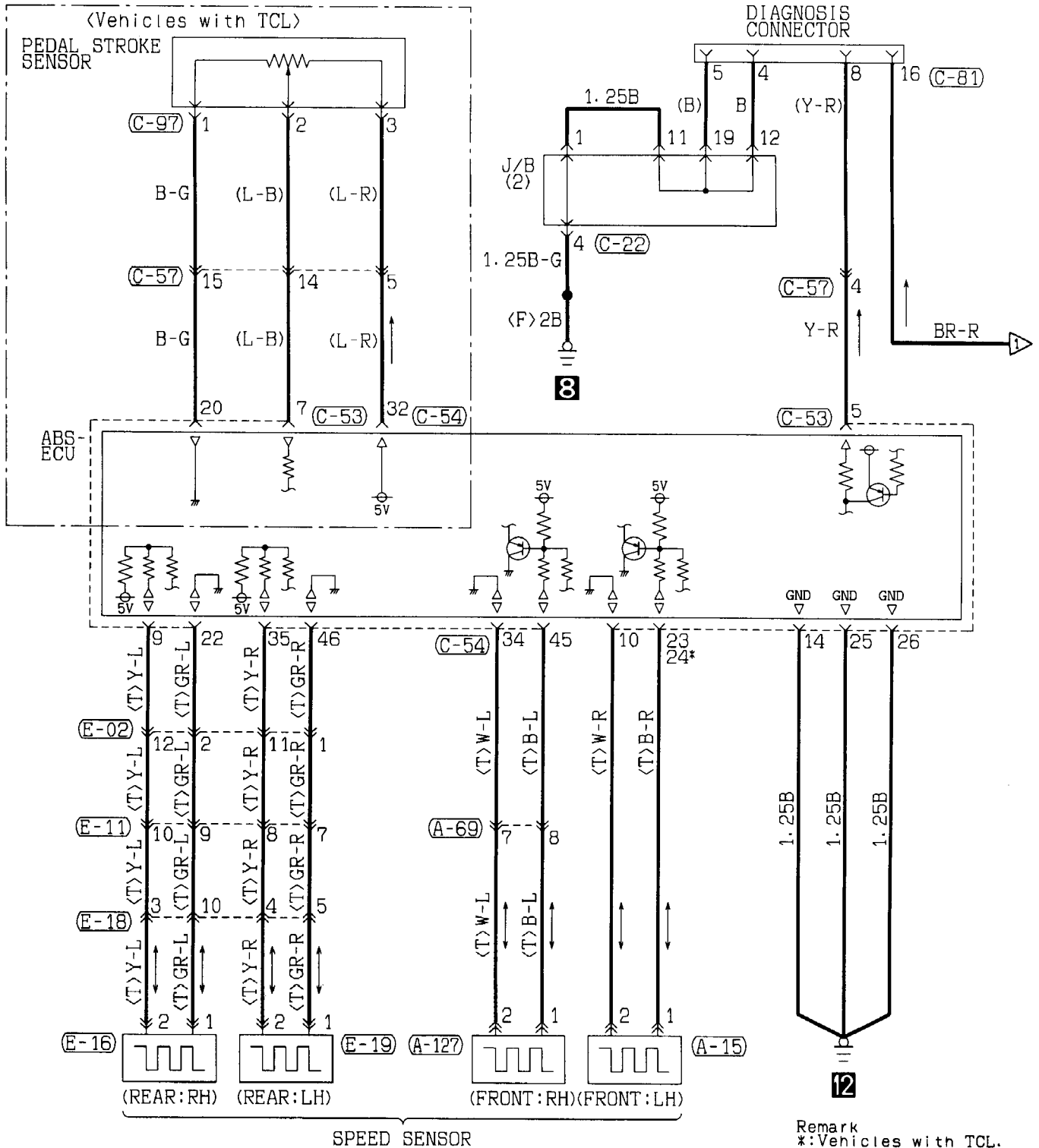


|   |   |  |  |  |  |
|---|---|--|--|--|--|
| <b>(A-83)</b><br>3 32   | <b>(C-07)</b><br>1 2 3 4<br>5 6 7 8 9 10                                  | <b>(C-14)</b><br>1 2 3 4 5 6 7 8 9 10<br>11 12 13 14 15 16 17 18 19 20 21 22 | <b>(C-17)</b><br>1 2 3 4 5 6 7 8 9 10<br>11 12 13 14 15 16 17 18 19 20 21 22 | <b>(C-18)</b><br>1 2 3 4 5 6 7 8 9 10<br>11 12 13 14 15 16 17 18 19 20 21 22 | <b>(C-53)</b><br>1 2 3 4 5 6 7 8 9 10 11 12 13<br>14 15 16 17 18 19 20 21 22 23 24 25 26 |
| <b>(C-54)</b><br>31 32 33 34 35 36 37 38 39 40 41<br>42 43 44 45 46 47 48 49 50 51 52 | <b>(D-02)</b><br>21 22 23 24 25 26 27 28<br>29<br>30 31 32 33 34 35 36 37 | <b>(D-09)</b><br>1 2 3 4 5 6<br>7 8 9 10 11 12 13 14                         |  |  |  |

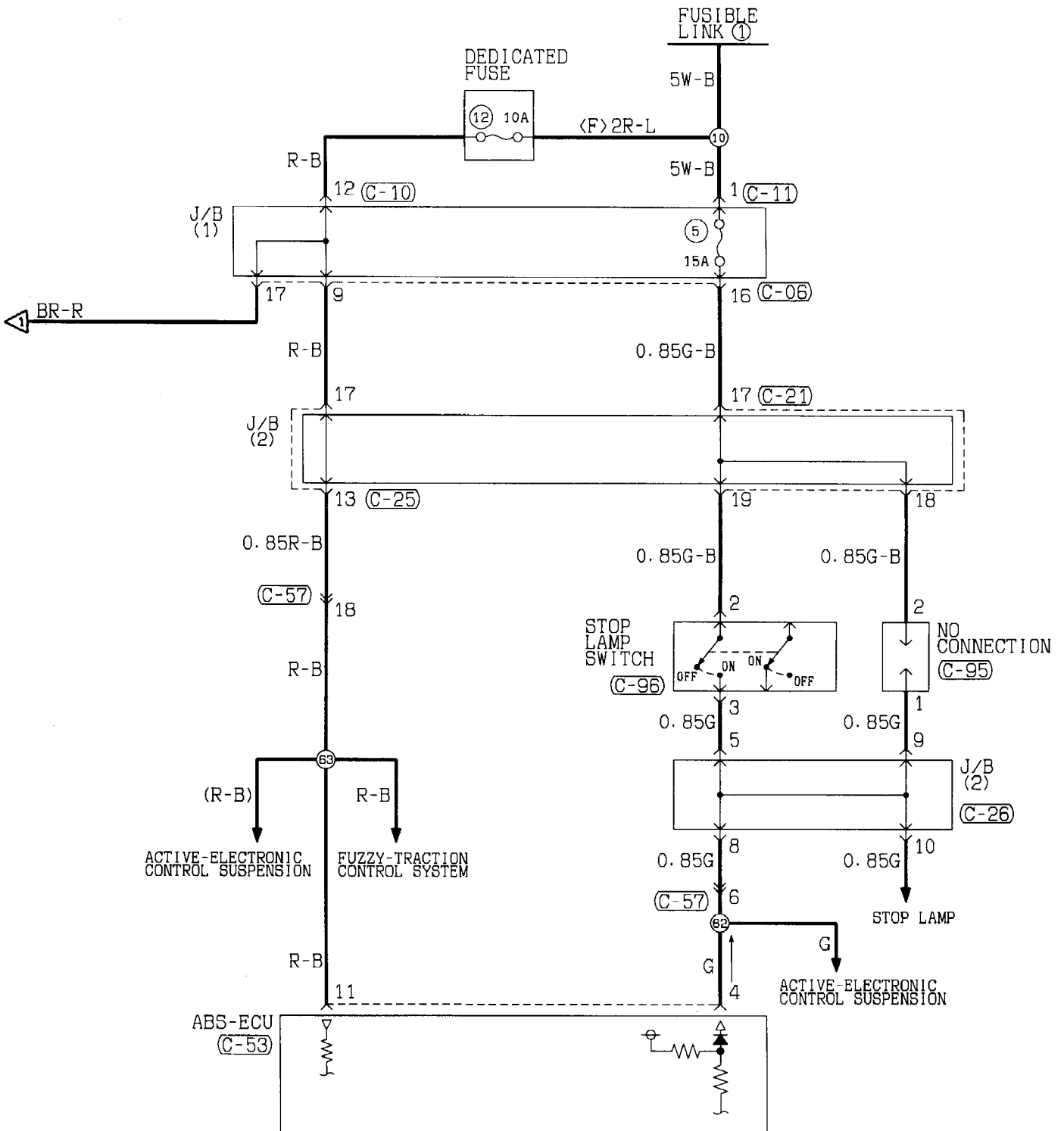


|        |        |   |        |        |        |        |        |
|--------|--------|---|--------|--------|--------|--------|--------|
| (A-67) | (A-82) | (A-84)  | (A-85) | (A-86) | (C-06) | (C-07) | (C-53) |
|        |        |   |        |        |        |        |        |
| (C-54) | (C-57) | Wire colour code  |        |        |        |        |        |
|        |        | B: Black      LG: Light green      G: Green      L: Blue<br>BR: Brown      O: Orange      GR: Gray      R: Red<br>W: White      SB: Sky blue      P: Pink      Y: Yellow<br>V: Violet |        |        |        |        |        |

ANTI-SKID BRAKE SYSTEM (2WD)  
(R.H. drive vehicles) (CONTINUED)







(C-06)

|   |    |    |    |    |    |    |    |    |    |
|---|----|----|----|----|----|----|----|----|----|
| 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  |    |    |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |

(C-10)

|   |    |    |    |    |    |    |    |    |    |
|---|----|----|----|----|----|----|----|----|----|
| 1 | 2  | 3  | 4  | 5  | 6  | 7  | 8  |    |    |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |

(C-11)

|   |
|---|
| 1 |
|---|

(C-21)

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 |    |    |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |

(C-25)

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 |    |    |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |

(C-26)

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 |    |    |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |

(C-53)

|    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

(C-57)

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 |    |    |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |

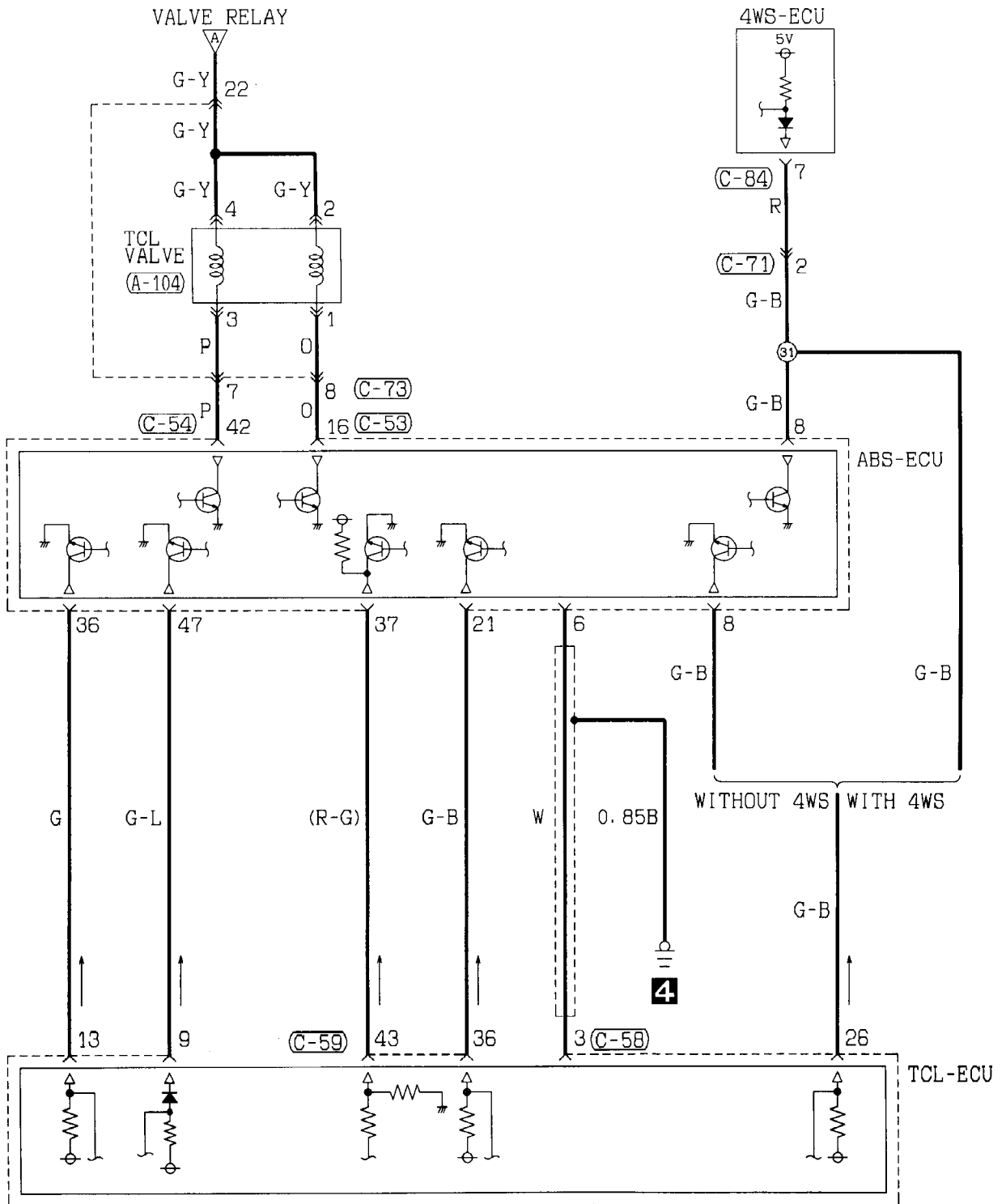
(C-95)

|   |
|---|
| 1 |
|---|

(C-96)

|   |   |
|---|---|
| 1 | 2 |
| 3 | 4 |

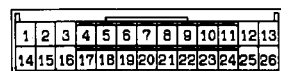
ANTI-SKID BRAKE SYSTEM <2WD> (R. H. drive vehicles)  
(CONTINUED)



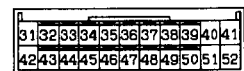
(A-104)



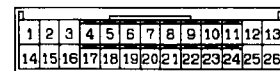
(C-53)



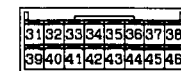
(C-54)



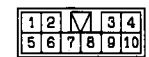
(C-58)



(C-59)



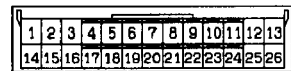
(C-71)



(C-73)



(C-84)



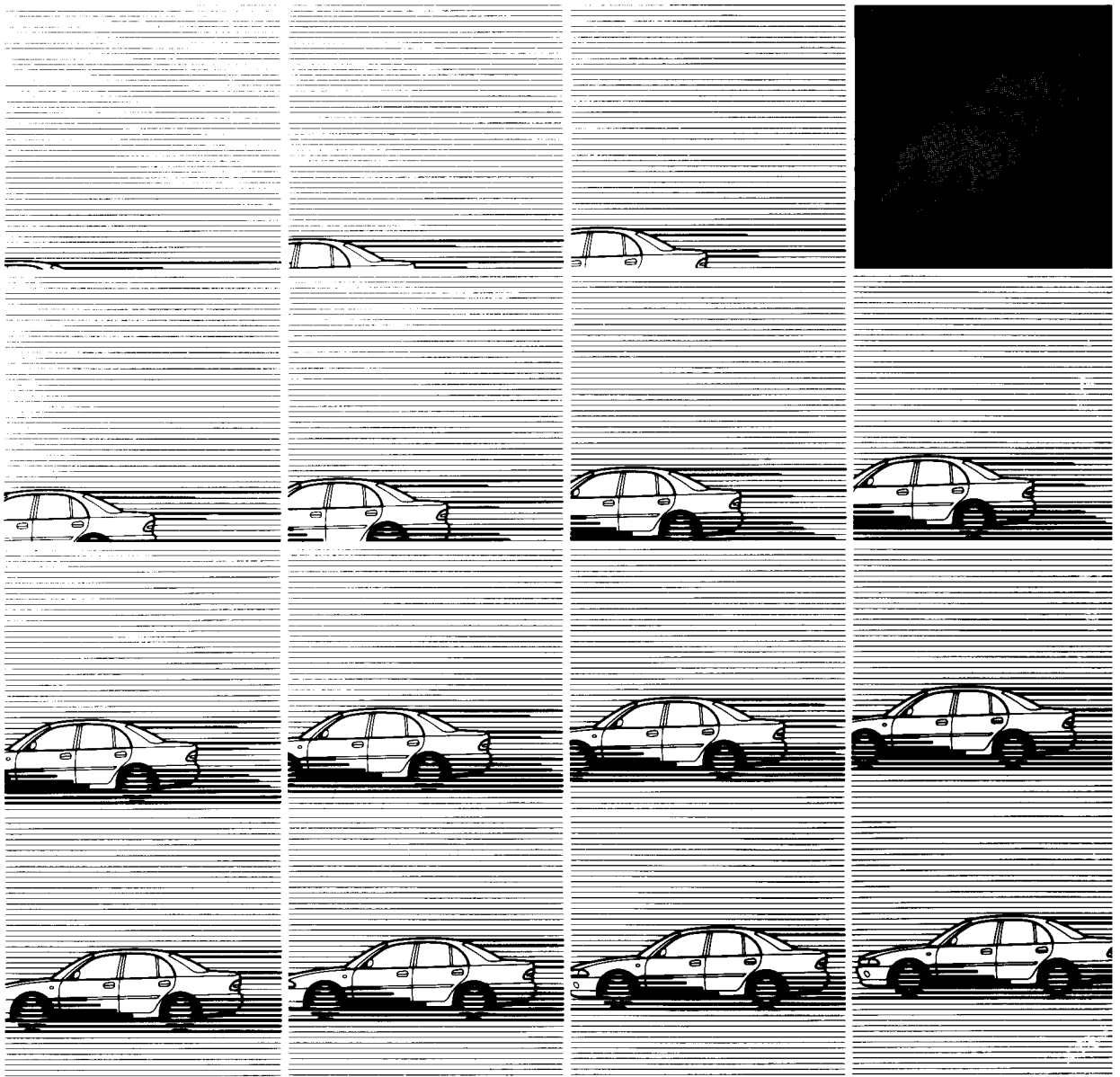


# Workshop Manual

## electrical wiring

SUPPLEMENT

# MITSUBISHI GALANT '96



Pub. No. PHDE9220-D

# MITSUBISHI GALANT GALANT HATCHBACK

## ELECTRICAL WIRING SUPPLEMENT

### FOREWORD

This publication is a supplement to the Electrical Wiring Manual Pub. No. PHDE9220-B, PHDE9220-C and contains only additions and changes to the original issue. It is recommended that all service mechanics engaged in the servicing of the vehicles refer to the following publications as well as this manual.

|                              |  |
|------------------------------|--|
| TECHNICAL INFORMATION MANUAL | PYDE 9203  |
| WORKSHOP MANUAL              |  |
| ENGINE GROUP                 | PWEE□□□□<br>(Loose-leaf edition)   |
| CHASSIS GROUP                | PWDE9211<br>(Loose-leaf edition)<br>PWDE9211-C<br>(Supplement)<br>PWDE9211-D<br>(Supplement) |
| BODY REPAIR MANUAL           | PBDE9210   |
| ELECTRICAL WIRING            | PHDE9220-B<br>(Loose-leaf edition)<br>PHDE9220-C<br>(Supplement)                             |
| PARTS CATALOGUE              | B608F002A□<br>B608F004A□<br>B608F005A□<br>B608F006A□   |

All information, illustrations and product descriptions contained in this manual are current as of time of publication. We, however, reserve the right to make changes at any time without prior notice or obligation.



**MITSUBISHI**  
MOTORS CORPORATION

### GROUP INDEX

|   |   |
|---|---|
| OUTLINE OF CHANGES .....                      | ■ |
| HOW TO READ THE WIRING<br>DIAGRAMS .....      | 1 |
| WIRING HARNESS<br>CONFIGURATION DIAGRAMS .... | 2 |
| SINGLE PART<br>INSTALLATION POSITION .....    | 3 |
| CIRCUIT DIAGRAM .....                         | 4 |

# HOW TO USE THIS MANUAL

## CONTENTS

The preceding page contains GROUP INDEX which lists the group title and group number.

## PAGE NUMBERS

All page numbers consist of two sets of digits separated by a dash. The digits preceding the dash identify the number of the group. The digits following the dash represent the consecutive page number within the group. The page numbers can be found on the top left or right of each page.

## OPERATION AND TROUBLESHOOTING HINTS

In the GROUP 4 circuit diagrams, the operation and troubleshooting hints are given on the previous page or following page for each circuit where necessary.

## **OUTLINE OF CHANGES**

|  |          |
|--|----------|
| <b>WIRING HARNESS CONFIGURATION DIAGRAMS .....</b> | <b>2</b> |
| <b>SINGLE PART INSTALLATION POSITION .....</b>     | <b>3</b> |
| <b>CIRCUIT DIAGRAM .....</b>                       | <b>3</b> |
| <b>TABLE OF CIRCUIT DIAGRAMS .....</b>             | <b>4</b> |

WIRING HARNESS CONFIGURATION DIAGRAMS

| Wiring harness configuration diagram |                    |  |                | Description of changes  |  |
|--------------------------------------|--------------------|--|----------------|---|--|
| Connector symbol                     | Name               |  | Reference page |   |  |
| A                                    | ENGINE COMPARTMENT | 4G93 SOHC-MPI<br><L.H. drive vehicles> | —              | <ul style="list-style-type: none"> <li>The front impact sensor connectors (A-20, A-72) have been abolished.</li> </ul>  |  |
|                                      |                    | 4G93 SOHC-MPI<br><R.H. drive vehicles> | —              |   |  |
|                                      |                    | 4G63 SOHC-MPI<br><L.H. drive vehicles> | —              |   |  |
|                                      |                    | 4G63 SOHC-MPI<br><R.H. drive vehicles> | —              |   |  |
|                                      |                    | 6A12 DOHC-MPI<br><L.H. drive vehicles> | —              |   |  |
|                                      |                    | 6A12 DOHC-MPI<br><R.H. drive vehicles> | —              |   |  |
|                                      |                    | 6G73 DOHC-MPI<br><L.H. drive vehicles> | —              |   |  |
|                                      |                    | 6G73 DOHC-MPI<br><R.H. drive vehicles> | —              |   |  |
|                                      |                    | 4D68<br><L.H. drive vehicles>          | 2-2            |   | <ul style="list-style-type: none"> <li>The front impact sensor connectors (A-20, A-72) have been abolished.</li> <li>A fuel cut valve ECU connector (A-137) has been added.</li> </ul> |
|                                      |                    | 4D68<br><R.H. drive vehicles>          | 2-6            |   |  |
| C                                    | DASH PANEL         | L.H. drive vehicles                    | 2-10           | <ul style="list-style-type: none"> <li>The SRS diagnosis unit has been changed to an SRS air bag control unit. Because of this, two connectors (C-132, C-146) have been abolished and the number of pins of connector (C-131) has been changed from 14 to 21.</li> <li>The position of the automatic compressor ECU has been changed and the number of pins has been changed from 13 to 3.</li> <li>An immobilizer ECU connector (C-151), ignition key ring antenna connector (C-152) and combination dash wiring harness and control wiring harness connector (C-150) have been added to correspond to additions to the immobilizer system.</li> </ul> |  |
|                                      |                    | R.H. drive vehicles                    | 2-14           |   |  |

## SINGLE PART INSTALLATION POSITION

| Location of changes |                          | Reference page | Description of changes   |
|---------------------|--------------------------|----------------|--|
| CONTROL UNIT        | Automatic compressor ECU | 3-2            | <ul style="list-style-type: none"> <li>The position of the automatic compressor ECU has been changed.</li> </ul>   |
|                     | Fuel cut valve ECU       | 3-2            | <ul style="list-style-type: none"> <li>A fuel cut valve ECU has been added. &lt;4D56 vehicles with immobilizer system&gt;</li> </ul>   |
|                     | Immobilizer ECU          | 3-2            | <ul style="list-style-type: none"> <li>An immobilizer ECU has been added. &lt;Vehicles with immobilizer system&gt;</li> </ul>  |
|                     | SRS air bag control unit | 3-2            | <ul style="list-style-type: none"> <li>The SRS diagnosis unit has been changed to an SRS air bag control unit. The installation position is the same as for the SRS diagnosis unit.</li> </ul> |

## CIRCUIT DIAGRAM

| Circuit diagram                      |  |                | Description of changes   |
|--------------------------------------|--|----------------|--|
| Main title                           | Subtitle   | Reference page |  |
| Centralized junction                 | Multi-purpose fuse                               | 4-3            | <ul style="list-style-type: none"> <li>A fuel cut valve ECU and an immobilizer ECU have been added to the load circuit.</li> </ul>   |
| Power distribution system            | —  | 4-4            | <ul style="list-style-type: none"> <li>A immobilizer system has been added.</li> </ul>   |
| GLOW SYSTEM                          | Vehicles with immobilizer system                 | 4-10           | <ul style="list-style-type: none"> <li>A circuit has been added for vehicles with immobilizer system.</li> </ul>   |
| MPI SYSTEM                           | 4G93, 4G63<br><Vehicles with immobilizer system> | 4-14           | <ul style="list-style-type: none"> <li>A circuit has been added for 4G93 and 4G63 vehicles. &lt;Vehicles with immobilizer system&gt;</li> <li>A circuit has been added for 6A12 and 6G73 vehicles. &lt;Vehicles with immobilizer system&gt;</li> </ul>                           |
|                                      | 6A12, 6G73<br><Vehicles with immobilizer system> | 4-22           |  |
| TURN-SIGNAL LAMP<br>HAZARD LAMP      | —  | 4-30           | <ul style="list-style-type: none"> <li>The hazard warning lamp in the combination meter has been abolished.</li> </ul>   |
| HEATER AND MANUAL AIR<br>CONDITIONER | Petrol-powered vehicles <2WD>                    | 4-34           | <ul style="list-style-type: none"> <li>The A/C switch and automatic compressor have been changed and the fin thermo sensor has been abolished to correspond to the abolition of ECONO mode.</li> <li>Some of the circuits inside the engine-ECU have been eliminated.</li> </ul> |
|                                      | Petrol-powered vehicles <4WD>                    | 4-40           |  |
|                                      | Diesel-powered vehicles                          | 4-46           |  |
| FULL AUTOMATIC<br>AIR CONDITIONER    | 6A12-M/T   | 4-51           | <ul style="list-style-type: none"> <li>Some of the circuits inside the engine-ECU have been eliminated and the terminal numbers have been changed.</li> </ul>  |
|                                      | 6A12-A/T   | 4-59           |  |
|                                      | 6G73   | 4-67           |  |
| SUPPLEMENTAL<br>RESTRAINT SYSTEM     | L.H. drive vehicles                              | 4-76           | <ul style="list-style-type: none"> <li>Circuits have been changed to correspond to changes in the system.</li> </ul>   |
|                                      | R.H. drive vehicles                              | 4-78           |  |
| IMMOBILIZER SYSTEM                   | Petrol-powered vehicles                          | 4-80           | <ul style="list-style-type: none"> <li>Circuits have been added to correspond to the addition of an immobilizer system.</li> </ul>   |
|                                      | Diesel-powered vehicles                          | 4-82           |  |



**TABLE OF CIRCUIT DIAGRAMS**

This table of circuit diagrams indicates those circuits in which changes and/or additions, etc. have been made; the circuits are here listed in the sequence in which they are presented in the wiring diagrams. Please use this table for reference when following maintenance or repair procedures.

**NOTE**

- (1) The [●] symbol indicates a circuit in which a change and/or addition has been made.
- (2) The [○] symbol indicates a circuit in which no change has been made. For details please refer to the wiring diagram.

| Main circuit                       | Circuit classifications                             | Pub. No.<br>PHDE9220-B<br>(Loose-leaf edition) | Pub. No.<br>PHDE9220-C<br>(Supplement) | Pub. No.<br>PHDE9220-D<br>(Supplement) |
|------------------------------------|---|--|--|--|
| JUNCTION BLOCK                     | —   | ○  | ○                                      | ○                                      |
| CENTRALIZED JUNCTION               | —   | ○  | ○                                      | ●                                      |
| POWER DISTRIBUTION SYSTEM          | —   | ○  | ○                                      | ●                                      |
| STARTING SYSTEM                    | Petrol-powered vehicles without theft-alarm system  | ○  | ○                                      | ○                                      |
|                                    | Diesel-powered vehicles without theft-alarm system  | ○  | ○                                      | ○                                      |
|                                    | Petrol-powered vehicles with theft-alarm system     | ○  | ○                                      | ○                                      |
|                                    | Diesel-powered vehicles with theft-alarm system     | ○  | ○                                      | ○                                      |
| IGNITION SYSTEM                    | 4G93, 4G63  | ○  | ○                                      | ○                                      |
|                                    | 6A12, 6G73 <L.H. drive vehicles>                    | ○  | ○                                      | ○                                      |
|                                    | 6A12, 6G73 <R.H. drive vehicles>                    | ○  | ○                                      | ○                                      |
| CHARGING SYSTEM                    | 4G93  | ○  | ○                                      | ○                                      |
|                                    | 4G63  | ○  | ○                                      | ○                                      |
|                                    | 6A12  | ○  | ○                                      | ○                                      |
|                                    | 6G73  | ○  | ○                                      | ○                                      |
|                                    | 4D68  | ○  | ○                                      | ○                                      |
| GLOW SYSTEM                        | Vehicles without immobilizer system                 | ○  | ○                                      | ○                                      |
|                                    | Vehicles with immobilizer system                    | —  | —                                      | ●                                      |
| MPI SYSTEM                         | 4G93, 4G63<br><Vehicles without immobilizer system> | ○  | ○                                      | ○                                      |
|                                    | 4G93, 4G63<br><Vehicles with immobilizer system>    | —  | —                                      | ●                                      |
|                                    | 6A12, 6G73<br><Vehicles without immobilizer system> | ○  | ○                                      | ○                                      |
|                                    | 6A12, 6G73<br><Vehicles with immobilizer system>    | —  | —                                      | ●                                      |
| COOLING SYSTEM                     | 4G93, 4G63-2WD                                      | ○  | ○                                      | ○                                      |
|                                    | 4G63-4WD  | ○  | ○                                      | ○                                      |
|                                    | 6A12-M/T  | ○  | ○                                      | ○                                      |
|                                    | 6A12-A/T, 6G73                                      | ○  | ○                                      | ○                                      |
|                                    | 4D68  | ○  | ○                                      | ○                                      |
| ELC 4-SPEED AUTOMATIC TRANSMISSION | —   | ○  | ○                                      | ○                                      |

| Main circuit                                    | Circuit classifications                          | Pub. No.<br>PHDE9220-B<br>(Loose-leaf edition) | Pub. No.<br>PHDE9220-C<br>(Supplement) | Pub. No.<br>PHDE9220-D<br>(Supplement) |
|---|--|--|--|--|
| HEADLAMP  | L.H. drive vehicles without daytime running lamp | ○  | ○                                      | ○                                      |
|   | L.H. drive vehicles with daytime running lamp    | ○  | ○                                      | ○                                      |
|   | R.H. drive vehicles without dim-dip lamp         | ○  | ○                                      | ○                                      |
|   | R.H. drive vehicles with dim-dip lamp            | ○  | ○                                      | ○                                      |
| HEADLAMP LEVELING SYSTEM                        | L.H. drive vehicles                              | ○  | ○                                      | ○                                      |
|   | R.H. drive vehicles                              | ○  | ○                                      | ○                                      |
| TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP | Sedan <L.H. drive vehicles>                      | ○  | ○                                      | ○                                      |
|   | Sedan <R.H. drive vehicles>                      | ○  | ○                                      | ○                                      |
|   | Hatchback <L.H. drive vehicles>                  | ○  | ○                                      | ○                                      |
|   | Hatchback <R.H. drive vehicles>                  | ○  | ○                                      | ○                                      |
| FRONT FOG LAMP                                  | L.H. drive vehicles                              | ○  | ○                                      | ○                                      |
|   | R.H. drive vehicles                              | ○  | ○                                      | ○                                      |
| REAR FOG LAMP                                   | L.H. drive vehicles                              | ○  | ○                                      | ○                                      |
|   | R.H. drive vehicles                              | ○  | ○                                      | ○                                      |
| ROOM LAMP                                       | Vehicles without ETACS                           | ○  | ○                                      | ○                                      |
|   | Vehicles with ETACS                              | ○  | ○                                      | ○                                      |
| LUGGAGE COMPARTMENT LAMP                        | Vehicles without theft-alarm system              | ○  | ○                                      | ○                                      |
|   | Vehicles with theft-alarm system                 | ○  | ○                                      | ○                                      |
| DOOR LAMP                                       | L.H. drive vehicles                              | ○  | ○                                      | ○                                      |
|   | R.H. drive vehicles                              | ○  | ○                                      | ○                                      |
| IGNITION KEY CYLINDER ILLUMINATION LAMP         | Vehicles without ETACS                           | ○  | ○                                      | ○                                      |
|   | Vehicles with ETACS                              | ○  | ○                                      | ○                                      |
| TURN-SIGNAL LAMP AND HAZARD LAMP                | —  | ○  | ○                                      | ●                                      |
| STOP LAMP                                       | —  | ○  | ○                                      | ○                                      |
| BACK-UP LAMP                                    | M/T  | ○  | ○                                      | ○                                      |
|   | A/T  | ○  | ○                                      | ○                                      |
| HORN  | Vehicles without SRS                             | ○  | ○                                      | ○                                      |
|   | Vehicles with SRS                                | ○  | ○                                      | ○                                      |
| METER AND GAUGE                                 | Petrol-powered vehicles                          | ○  | ○                                      | ○                                      |
|   | Diesel-powered vehicles                          | ○  | ○                                      | ○                                      |
| BRAKE WARNING LAMP                              | —  | ○  | ○                                      | ○                                      |
| FUEL FILTER WARNING LAMP                        | —  | ○  | ○                                      | ○                                      |
| OIL PRESSURE WARNING LAMP                       | —  | ○  | ○                                      | ○                                      |
| FUEL WARNING LAMP                               | —  | ○  | ○                                      | ○                                      |
| ENGINE OIL LEVEL WARNING LAMP                   | —  | ○  | ○                                      | ○                                      |
| CHARGE WARNING LAMP                             | —  | ○  | ○                                      | ○                                      |
| POWER WINDOWS                                   | L.H. drive vehicles                              | ○  | ○                                      | ○                                      |
|   | R.H. drive vehicles                              | ○  | ○                                      | ○                                      |

## OUTLINE OF CHANGES – Table of Circuit Diagrams

| Main circuit                            | Circuit classifications                   | Pub. No.<br>PHDE9220-B<br>(Loose-leafedition) | Pub. No.<br>PHDE9220-C<br>(Supplement) | Pub. No.<br>PHDE9220-D<br>(Supplement) |
|---|---|---|--|--|
| CENTRAL DOOR LOCKING SYSTEM             | L.H. drive vehicles without power windows | ○   | ○                                      | ○                                      |
|   | R.H. drive vehicles without power windows | ○   | ○                                      | ○                                      |
|   | L.H. drive vehicles with power windows    | ○   | ○                                      | ○                                      |
|   | R.H. drive vehicles with power windows    | ○   | ○                                      | ○                                      |
| HEATER AND MANUAL AIR CONDITIONER       | Petrol-powered vehicles <2WD>             | ○   | ○                                      | ●                                      |
|   | Petrol-powered vehicles <4WD>             | ○   | ○                                      | ●                                      |
|   | Diesel-powered vehicles                   | ○   | ○                                      | ●                                      |
| FULL AUTOMATIC AIR CONDITIONER          | 6A12-M/T                                  | ○   | ○                                      | ●                                      |
|   | 6A12-A/T                                  | ○   | ○                                      | ●                                      |
|   | 6G73                                      | ○   | ○                                      | ●                                      |
| AIR PURIFIER                            | Without full automatic air conditioner    | ○   | ●                                      | ○                                      |
|   | With full automatic air conditioner       | ○   | ●                                      | ○                                      |
| WINDSHIELD WIPER AND WASHER             | —   | ○   | ○                                      | ○                                      |
| REAR WIPER AND WASHER                   | Sedan <L.H. drive vehicles>               | ○   | ○                                      | ○                                      |
|   | Sedan <R.H. drive vehicles>               | ○   | ○                                      | ○                                      |
|   | Hatchback <L.H. drive vehicles>           | ○   | ○                                      | ○                                      |
|   | Hatchback <R.H. drive vehicles>           | ○   | ○                                      | ○                                      |
| HEADLAMP WASHER                         | L.H. drive vehicles                       | ○   | ○                                      | ○                                      |
|   | R.H. drive vehicles                       | ○   | ○                                      | ○                                      |
| DEFOGGER AND DOOR MIRROR HEATER         | L.H. drive vehicles without ETACS         | ○   | ○                                      | ○                                      |
|   | R.H. drive vehicles without ETACS         | ○   | ○                                      | ○                                      |
|   | L.H. drive vehicles with ETACS            | ○   | ○                                      | ○                                      |
|   | R.H. drive vehicles with ETACS            | ○   | ○                                      | ○                                      |
| REMOTE CONTROLLED MIRROR                | L.H. drive vehicles                       | ○   | ○                                      | ○                                      |
|   | R.H. drive vehicles                       | ○   | ○                                      | ○                                      |
| RADIO AND TAPE PLAYER                   | Pole antenna <Sedan>                      | ○   | ○                                      | ○                                      |
|   | Pole antenna <Hatchback>                  | ○   | ○                                      | ○                                      |
|   | Motor antenna <Sedan>                     | ○   | ○                                      | ○                                      |
|   | Motor antenna <Hatchback>                 | ○   | ○                                      | ○                                      |
| CLOCK                                   | —   | ○   | ○                                      | ○                                      |
| CIGARRETTE LIGHTER                      | —   | ○   | ○                                      | ○                                      |
| ELECTRONIC CONTROLLED POWER STEERING    | —   | ○   | ○                                      | ○                                      |
| ACTIVE-ELECTRONIC CONTROLLED SUSPENSION | L.H. drive vehicles                       | ○   | ○                                      | ○                                      |
|   | R.H. drive vehicles                       | ○   | ○                                      | ○                                      |
| ELECTRONIC CONTROLLED SUSPENSION        | L.H. drive vehicles                       | ○   | ○                                      | ○                                      |
|   | R.H. drive vehicles                       | ○   | ○                                      | ○                                      |
| ACTIVE-4WS CONTROL SYSTEM               | L.H. drive vehicles                       | ○   | ○                                      | ○                                      |
|   | R.H. drive vehicles                       | ○   | ○                                      | ○                                      |

# OUTLINE OF CHANGES – Table of Circuit Diagrams

| Main circuit                        | Circuit classifications                       | Pub. No.<br>PHDE9220-B<br>(Loose-leafedition) | Pub. No.<br>PHDE9220-C<br>(Supplement) | Pub. No.<br>PHDE9220-D<br>(Supplement) |
|-------------------------------------|---|---|--|--|
| ANTI-SKID BRAKE SYSTEM              | 2WD <L.H. drive vehicles>                     | ○   | ●                                      | ○                                      |
|                                     | 2WD <R.H. drive vehicles>                     | ○   | ●                                      | ○                                      |
|                                     | 4WD <L.H. drive vehicles>                     | ○   | ○                                      | ○                                      |
|                                     | 4WD <R.H. drive vehicles>                     | ○   | ○                                      | ○                                      |
| FUZZY-TRACTION CONTROL SYSTEM       | L.H. drive vehicles                           | ○   | ○                                      | ○                                      |
|                                     | R.H. drive vehicles                           | ○   | ○                                      | ○                                      |
| AUTO-CRUISE CONTROL SYSTEM          | SOHC  | ○   | ○                                      | ○                                      |
|                                     | DOHC  | ○   | ○                                      | ○                                      |
| POWER SEAT                          | L.H. drive vehicles                           | ○   | ○                                      | ○                                      |
|                                     | R.H. drive vehicles                           | ○   | ○                                      | ○                                      |
| HEATED SEAT                         | —   | ○   | ○                                      | ○                                      |
| SUNROOF                             | —   | ○   | ○                                      | ○                                      |
| LIGHTING MONITOR BUZZER             | L.H. drive vehicles without ETACS             | ○   | ○                                      | ○                                      |
|                                     | R.H. drive vehicles without ETACS             | ○   | ○                                      | ○                                      |
|                                     | L.H. drive vehicles with ETACS                | ○   | ○                                      | ○                                      |
|                                     | R.H. drive vehicles with ETACS                | ○   | ○                                      | ○                                      |
| SUPPLEMENTAL RESTRAINT SYSTEM (SRS) | Petrol-powered vehicles <L.H. drive vehicles> | ○   | ○                                      | —                                      |
|                                     | Petrol-powered vehicles <R.H. drive vehicles> | ○   | ○                                      | —                                      |
|                                     | Diesel-powered vehicles <L.H. drive vehicles> | ○   | ○                                      | —                                      |
|                                     | Diesel-powered vehicles <R.H. drive vehicles> | ○   | ○                                      | —                                      |
|                                     | L.H. drive vehicles                           | —   | —                                      | ●                                      |
|                                     | R.H. drive vehicles                           | —   | —                                      | ●                                      |
| THEFT-ALARM SYSTEM                  | —   | ○   | ○                                      | ○                                      |
| IMMOBILIZER SYSTEM                  | Petrol-powered vehicles                       | —   | —                                      | ●                                      |
|                                     | Diesel-powered vehicles                       | —   | —                                      | ●                                      |

# 1 HOW TO READ THE WIRING DIAGRAMS

|                     |            |
|---------------------|------------|
| <b>MODELS .....</b> | <b>1-2</b> |
|---------------------|------------|

## MODELS

### Sedan

| Model code |            | Engine model  | Transmission model | Fuel supply system |
|------------|------------|---|--------------------|--------------------|
| E52A       | SNJEQL6/R6 | 4G93 (1,834 ml)   | F5M22 (2WD-5M/T)   | MPI                |
|            | SNHEQL6/R6 |   |                    |                    |
|            | SNJESL6    |   |                    |                    |
|            | SNHESL6    |   |                    |                    |
|            | SRHEQL6/R6 |   | F4A22 (2WD-4A/T)   |                    |
|            | SRHESL6    |   |                    |                    |
| E55A       | SNJEQL6/R6 | 4G63 (1,997 ml)   | F5M22 (2WD-5M/T)   |                    |
|            | SNHEQL6/R6 |   | F4A22 (2WD-4A/T)   |                    |
|            | SRHEQL6/R6 |   |                    |                    |
| E54A       | SNGMQL6/R6 | 6A12 (1,999 ml)   | F5M31 (2WD-5M/T)   |                    |
|            | SRGMQL6/R6 |   | F4A23 (2WD-4A/T)   |                    |
| E57A       | SNJFL6/R6  | 4D68 (1,998 ml)<br>with intercooler<br>and turbocharger | F5M31 (2WD-5M/T)   |                    |
|            | SNHFL6/R6  |   |                    |                    |
|            | SNHFQL6    |   |                    |                    |
| E75A       | SNHEQL6    | 4G63 (1,997 ml)   | W5M31 (4WD-5M/T)   | MPI                |
| E88A       | SNGMQL6    | 6G73 (2,497 ml)   | W5M33 (4WD-5M/T)   |                    |
| E52A       | SRHEQL6B   | 4G93 (1,834 ml)   | F4A22 (2WD-4A/T)   |                    |
|            | SNJEQL6B   |   |                    |                    |
|            | SNHEQL6B   |   |                    |                    |
| E55A       | SRHEQL6B   | 4G63 (1,997 ml)   |                    |                    |

Hatchback

| Model code |            | Engine model  | Transmission model | Fuel supply system |
|------------|------------|---|--------------------|--------------------|
| E52A       | LNJEQL6/R6 | 4G93 (1,834 mℓ)   | F5M22 (2WD-5M/T)   | MPI                |
|            | LNHEQL6/R6 |   |                    |                    |
|            | LNJESL6    |   |                    |                    |
|            | LNHESL6    |   | F4A22 (2WD-4A/T)   |                    |
|            | LRHEQL6/R6 |   |                    |                    |
|            | LRHESL6    |   |                    |                    |
| E55A       | LNJEQL6/R6 | 4G63 (1,997 mℓ)   | F5M22 (2WD-5M/T)   |                    |
|            | LNHEQL6/R6 |   | F4A22 (2WD-4A/T)   |                    |
|            | LRHEQL6/R6 |   |                    |                    |
| E54A       | LNGMQL6/R6 | 6A12 (1,999 mℓ)   | F5M31 (2WD-5M/T)   |                    |
|            | LRGMQL6/R6 |   | F4A23 (2WD-4A/T)   |                    |
| E57A       | LNJFL6/R6  | 4D68 (1,998 mℓ)<br>with intercooler<br>and turbocharger | F5M31 (2WD-5M/T)   |                    |
|            | LNHFL6/R6  |   |                    |                    |
| E75A       | LNHEQL6    | 4G63 (1,997 mℓ)   | W5M31 (4WD-5M/T)   | MPI                |
| E88A       | LNGMQL6/R6 | 6G73 (2,497 mℓ)   | W5M33 (4WD-5M/T)   |                    |

## **2 WIRING HARNESS CONFIGURATION DIAGRAMS**

### **ENGINE COMPARTMENT A**

4D68 <L.H. drive vehicles> ..... 2-2

4D68 <R.H. drive vehicles> ..... 2-6

### **DASH PANEL C**

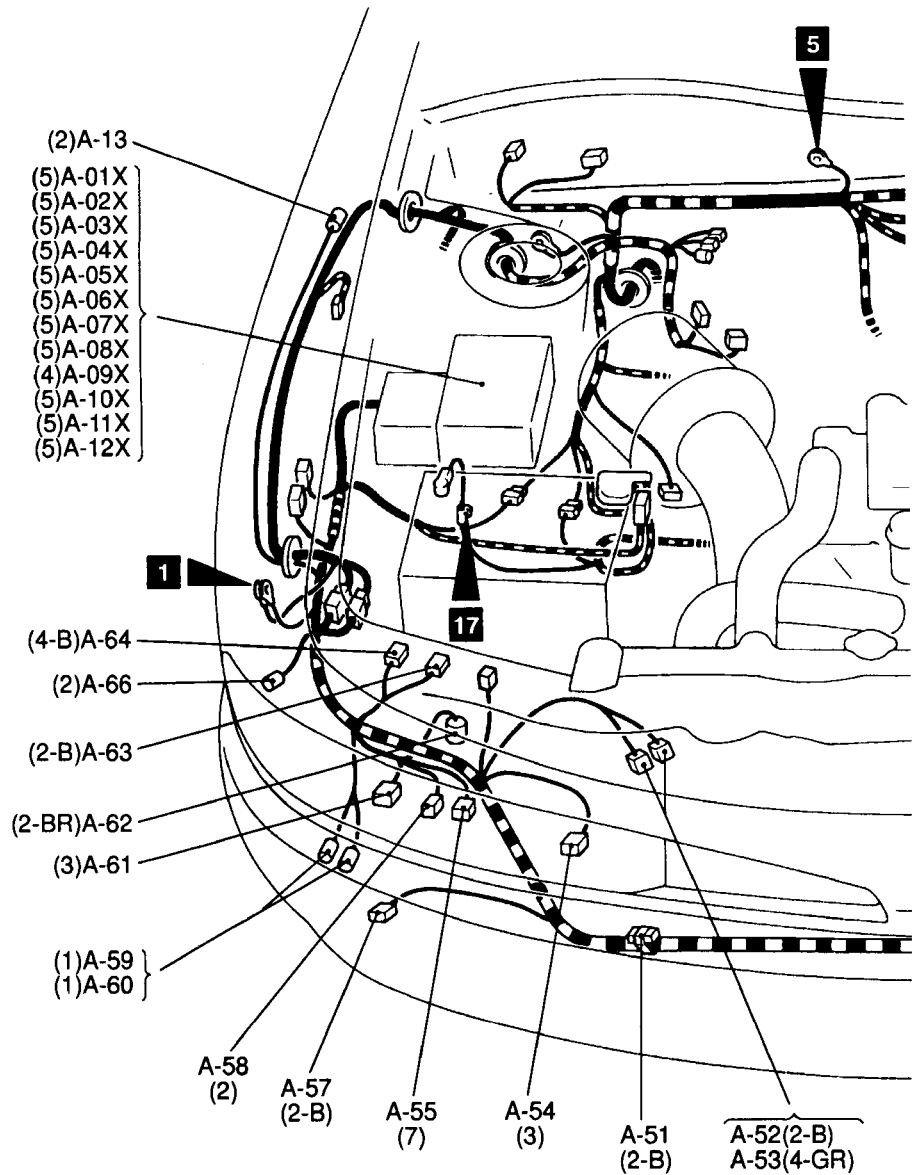
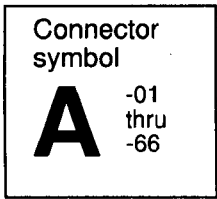
L.H. drive vehicles ..... 2-10

R.H. drive vehicles ..... 2-14



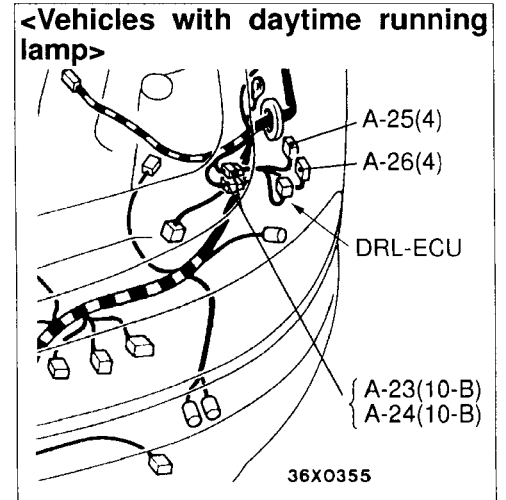
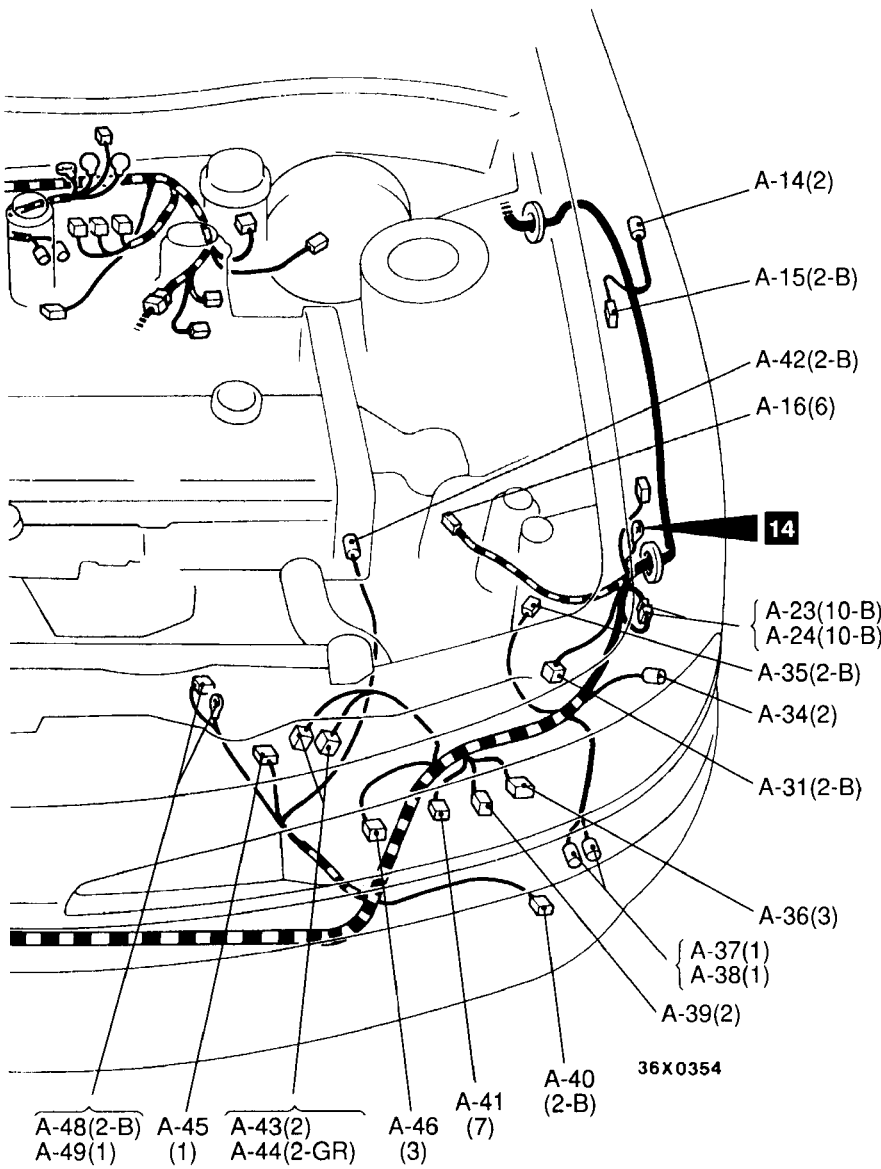
ENGINE COMPARTMENT

4D68 <L.H. drive vehicles>



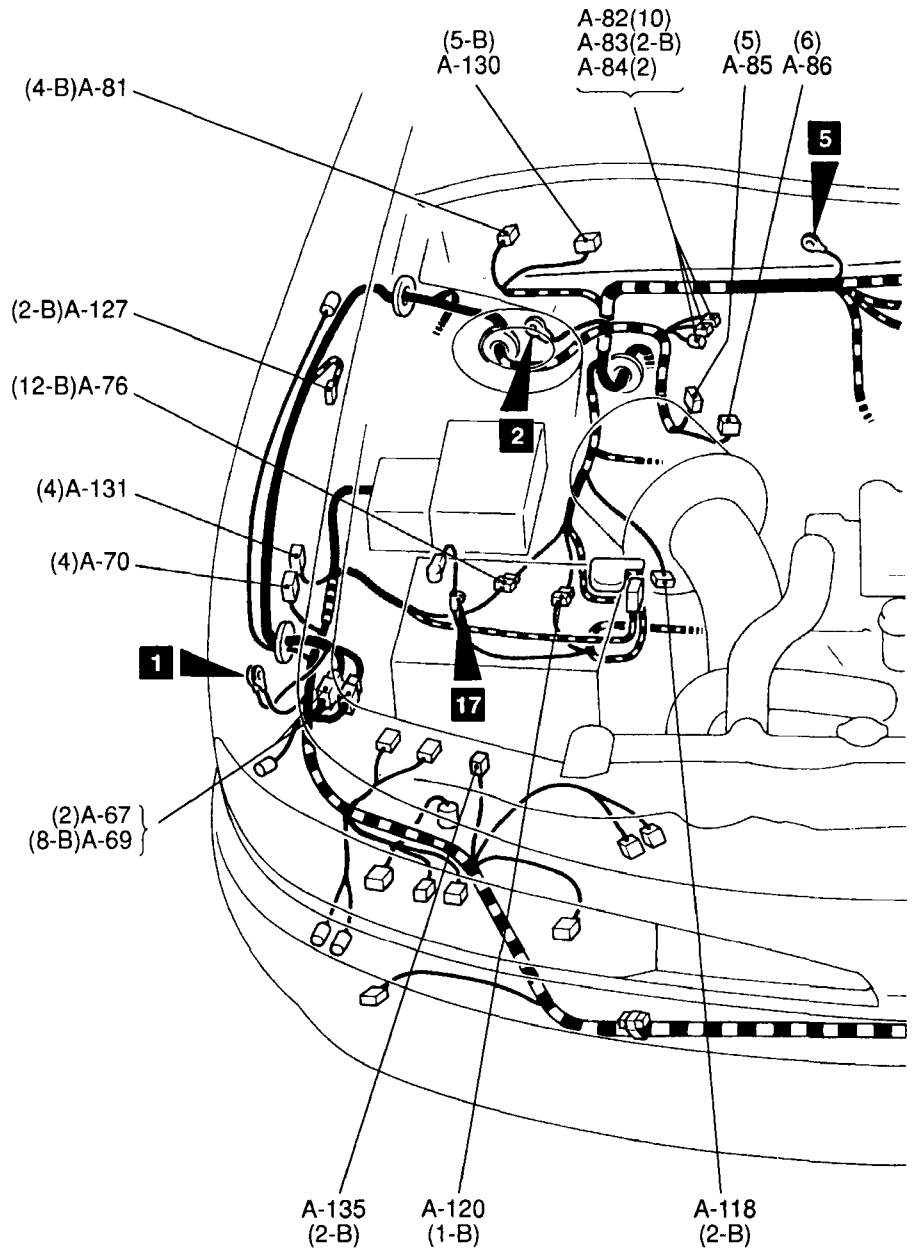
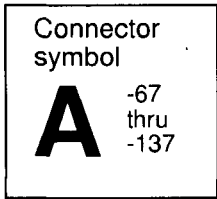
- A-01X Condensor fan relay (LO)
- A-02X Condensor fan relay (HI)
- A-03X Radiator fan relay (LO)
- A-04X Radiator fan relay (HI)
- A-05X ABS power relay
- A-06X Horn relay
- A-07X A/C compressor relay
- A-08X Radiator fan relay (LO-2)
- A-09X Alternator relay
- A-10X Front fog lamp relay
- A-11X Tail lamp relay
- A-12X Headlamp relay
- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 -
- A-18 -

- A-19 -
- A-20 -
- A-21 -
- A-22 -
- A-23 Front wiring harness and daytime running lamp wiring harness combination or front wiring harness joint connector
- A-24 Front wiring harness and daytime running lamp wiring harness combination or front wiring harness joint connector
- A-25 Daytime running lamp relay (I)
- A-26 Daytime running lamp relay (II)
- A-27 -
- A-28 -
- A-29 -
- A-30 -
- A-31 Engine oil cooler fan
- A-32 -



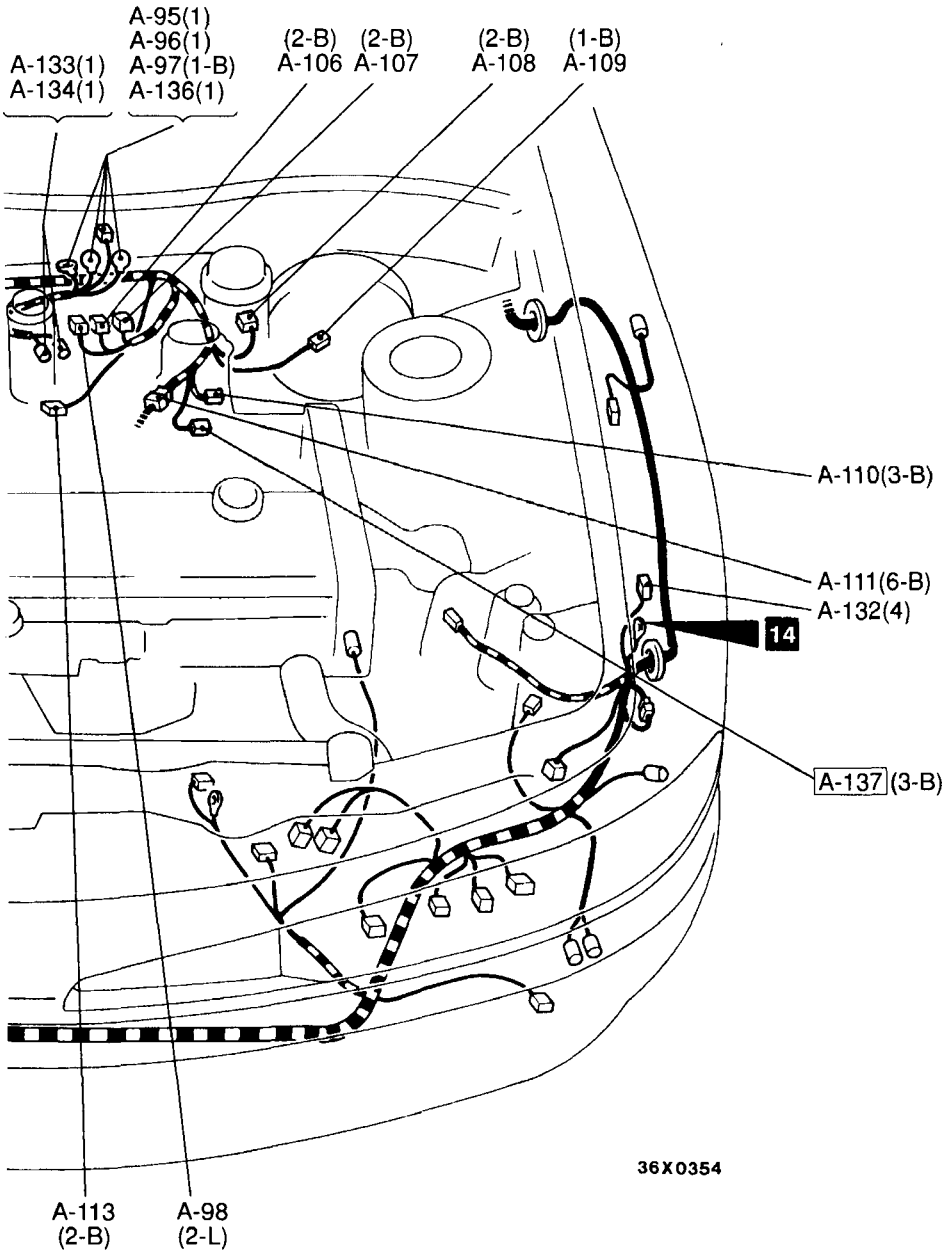
- |      |  |      |   |
|------|--|------|---|
| A-33 | -  | A-50 | -   |
| A-34 | Front turn signal lamp (LH)              | A-51 | No connection   |
| A-35 | Windshield washer motor or no connection | A-52 | Radiator fan motor                                    |
| A-36 | Headlamp (LH)                            | A-53 | Radiator fan motor                                    |
| A-37 | Horn (LH)                                | A-54 | Headlamp (RH)   |
| A-38 | Horn (LH)                                | A-55 | Headlamp leveling unit (RH)                           |
| A-39 | Position lamp (LH)                       | A-56 | -   |
| A-40 | Front fog lamp (LH)                      | A-57 | Front fog lamp (RH)                                   |
| A-41 | Headlamp leveling unit (LH)              | A-58 | Position lamp (RH)                                    |
| A-42 | Engine oil level sensor                  | A-59 | Horn (RH)   |
| A-43 | Condenser fan motor                      | A-60 | Horn (RH)   |
| A-44 | Condenser fan motor                      | A-61 | Headlamp (RH)   |
| A-45 | Oil pressure switch                      | A-62 | Dual pressure switch                                  |
| A-46 | Headlamp (LH)                            | A-63 | Headlamp washer motor                                 |
| A-47 | -  | A-64 | Washer fluid level sensor and windshield washer motor |
| A-48 | Alternator                               | A-65 | -   |
| A-49 | Alternator                               | A-66 | Front turn signal lamp (RH)                           |

4D68 <L.H. drive vehicles>



- A-67 Front wiring and ABS wiring harness combination
- A-68 -
- A-69 Front wiring and ABS wiring harness combination
- A-70 Engine oil cooler fan relay
- A-71 -
- A-72 -
- A-73 -
- A-74 -
- A-75 -
- A-76 Front wiring harness and control wiring harness combination
- A-77 -
- A-78 -
- A-79 -
- A-80 -
- A-81 Windshield wiper motor
- A-82 Hydraulic unit
- A-83 Hydraulic unit
- A-84 Hydraulic unit
- A-85 Motor relay

- A-86 Valve relay
- A-87 -
- A-88 -
- A-89 -
- A-90 -
- A-91 -
- A-92 -
- A-93 -
- A-94 -
- A-95 Glow plug relay
- A-96 Glow plug relay
- A-97 Glow plug relay
- A-98 Idle up solenoid valve
- A-99 -
- A-100 -
- A-101 -
- A-102 -
- A-103 -
- A-104 -



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- A-105 -
- A-106 EGR solenoid valve (II)
- A-107 EGR solenoid valve (I)
- A-108 Brake fluid level switch
- A-109 Vacuum switch
- A-110 Lever position sensor
- A-111 Control wiring harness and sensor wiring harness combination
- A-112 -
- A-113 Water level switch
- A-114 -
- A-115 -
- A-116 -
- A-117 -
- A-118 Back-up lamp switch
- A-119 -
- A-120 Control wiring harness and battery cable combination
- A-121 -

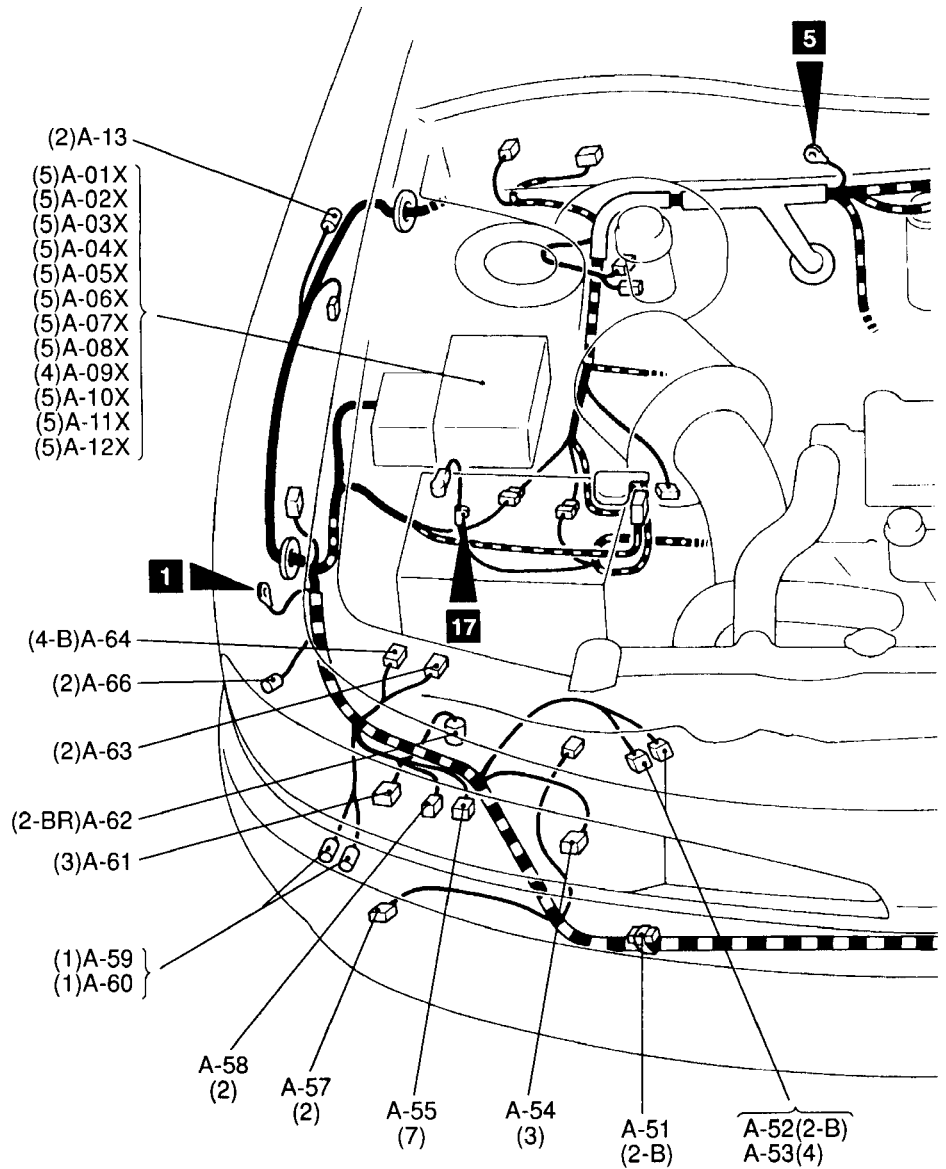
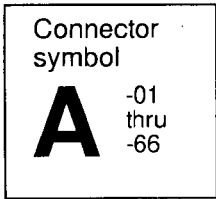
- A-122 -
- A-123 -
- A-124 -
- A-125 -
- A-126 -
- A-127 Speed sensor (Front: RH)
- A-128 -
- A-129 -
- A-130 Starter relay
- A-131 Theft-alarm starter relay
- A-132 Theft-alarm horn relay
- A-133 Theft-alarm horn
- A-134 Theft-alarm horn
- A-135 Hood switch
- A-136 Glow plug relay
- A-137 Fuel cut valve ECU

Remark

Connector numbers enclosed by a frame  are newly added connectors.

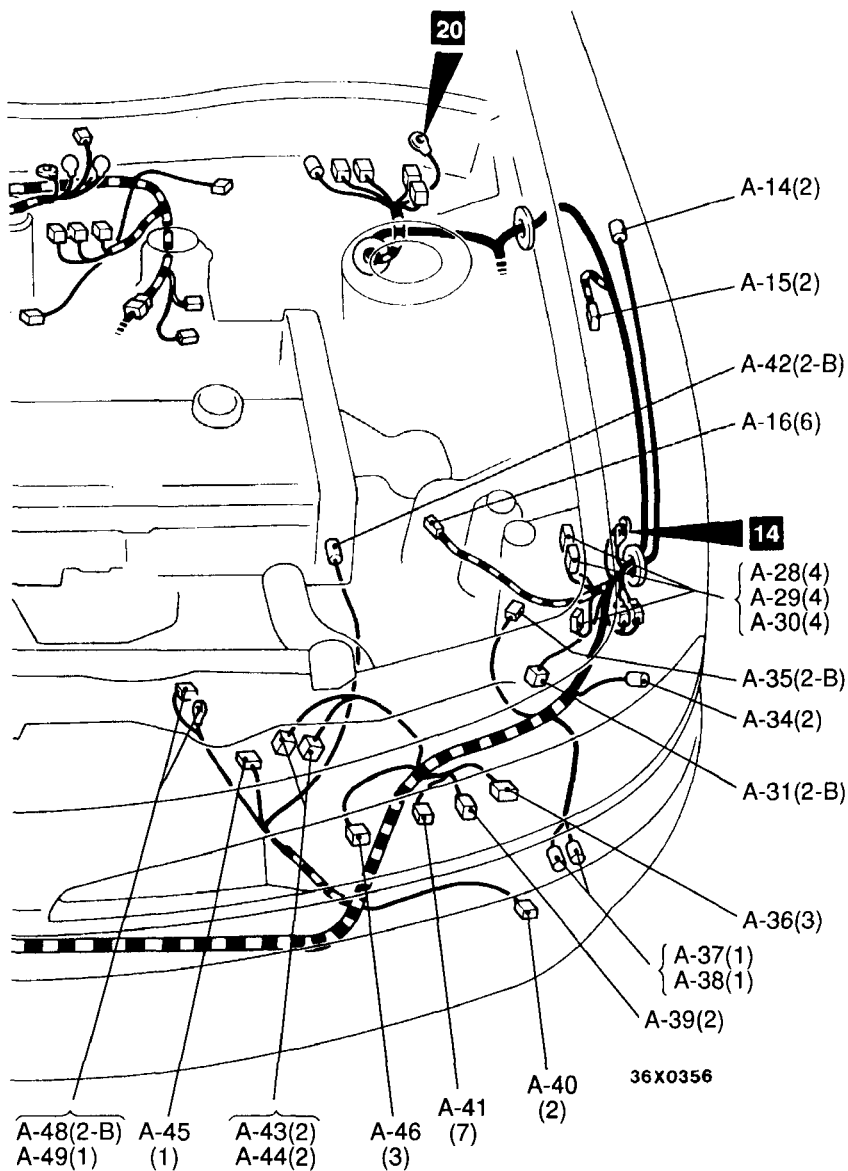
ENGINE COMPARTMENT

4D68 <R.H. drive vehicles>



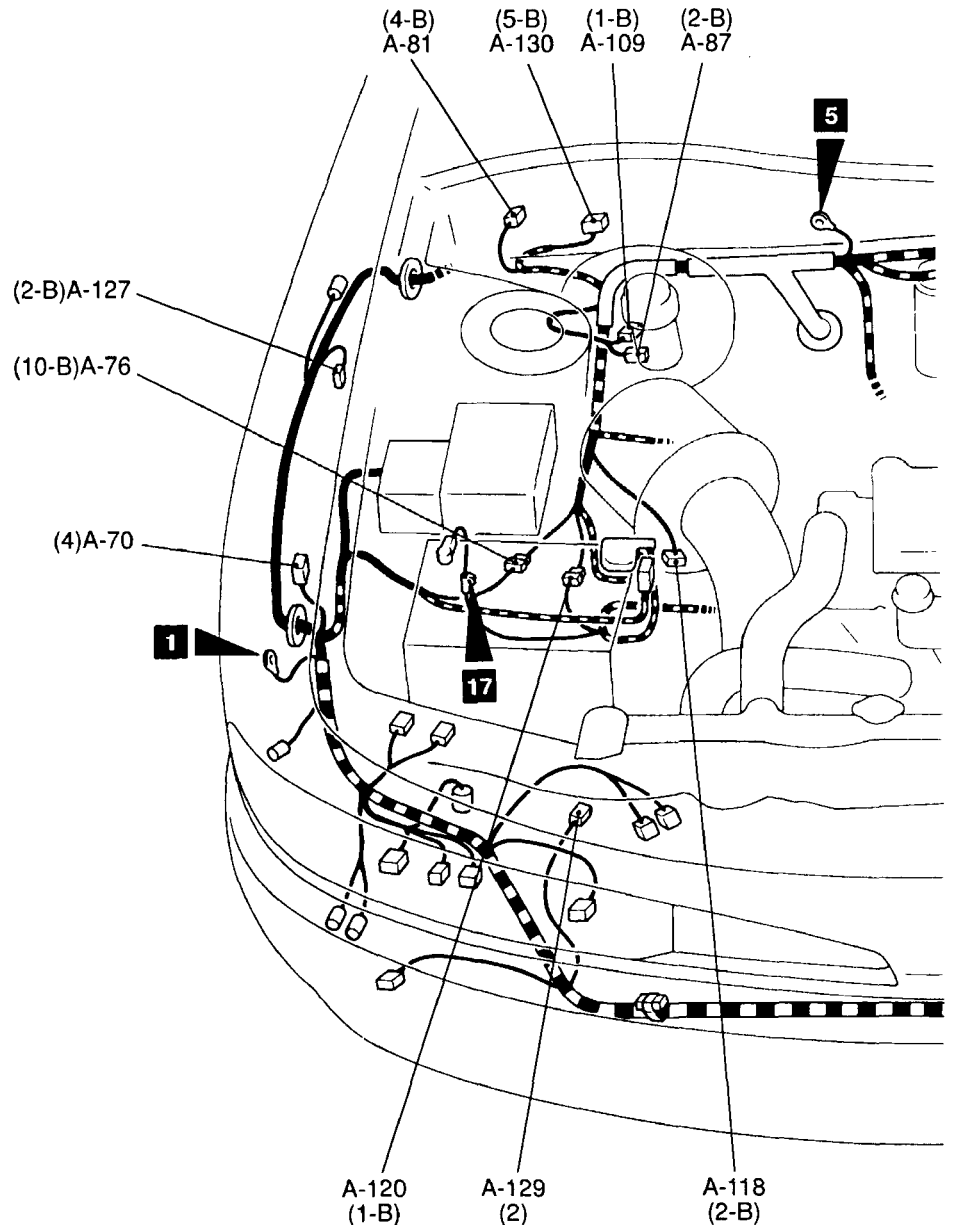
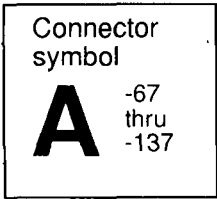
- A-01X Condensor fan relay (LO)
- A-02X Condensor fan relay (HI)
- A-03X Radiator fan relay (LO)
- A-04X Radiator fan relay (HI)
- A-05X ABS power relay
- A-06X Horn relay
- A-07X A/C compressor relay
- A-08X Radiator fan relay (LO-2)
- A-09X Alternator relay
- A-10X Front fog lamp relay
- A-11X Tail lamp relay
- A-12X Headlamp relay
- A-13 Side turn signal lamp (RH)
- A-14 Side turn signal lamp (LH)
- A-15 Speed sensor (Front: LH)
- A-16 Headlamp washer relay
- A-17 -

- A-18 -
- A-19 -
- A-20 -
- A-21 -
- A-22 -
- A-23 -
- A-24 -
- A-25 -
- A-26 -
- A-27 -
- A-28 Dim-dip lamp relay 1
- A-29 Dim-dip lamp relay 2 or jumper connector
- A-30 Dim-dip lamp relay 3 or jumper connector
- A-31 Engine oil cooler fan
- A-32 -
- A-33 -
- A-34 Front turn signal lamp (LH)



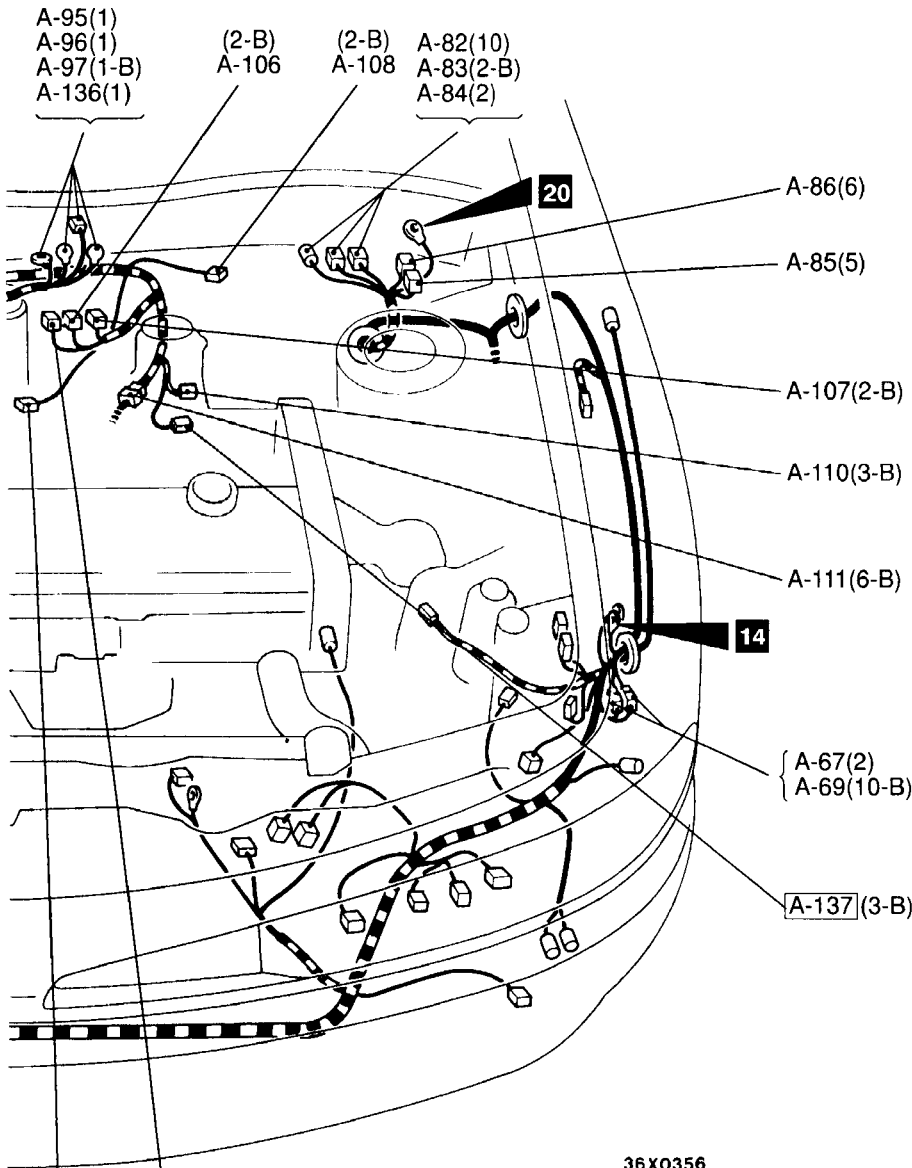
- |      |  |      |   |
|------|--|------|---|
| A-35 | Windshield washer motor or no connection | A-51 | No connection   |
| A-36 | Headlamp (LH)                            | A-52 | Radiator fan motor                                    |
| A-37 | Horn (LH)                                | A-53 | Radiator fan motor                                    |
| A-38 | Horn (LH)                                | A-54 | Headlamp (RH)   |
| A-39 | Position lamp (LH)                       | A-55 | Headlamp leveling unit (RH)                           |
| A-40 | Front fog lamp (LH)                      | A-56 | -   |
| A-41 | Headlamp leveling unit (LH)              | A-57 | Front fog lamp (RH)                                   |
| A-42 | Engine oil level sensor                  | A-58 | Position lamp (RH)                                    |
| A-43 | Condenser fan motor                      | A-59 | Horn (RH)   |
| A-44 | Condenser fan motor                      | A-60 | Horn (RH)   |
| A-45 | Oil pressure switch                      | A-61 | Headlamp (RH)   |
| A-46 | Headlamp (LH)                            | A-62 | Dual pressure switch                                  |
| A-47 | -  | A-63 | Headlamp washer motor                                 |
| A-48 | Alternator                               | A-64 | Washer fluid level sensor and windshield washer motor |
| A-49 | Alternator                               | A-65 | -   |
| A-50 | -  | A-66 | Front turn signal lamp (RH)                           |

4D68 <R.H. drive vehicles>



- A-67 Front wiring harness and ABS wiring harness combination
- A-68 -
- A-69 Front wiring harness and ABS wiring harness combination
- A-70 Engine oil cooler fan relay
- A-71 -
- A-72 -
- A-73 -
- A-74 -
- A-75 -
- A-76 Front wiring harness and control wiring harness combination
- A-77 -
- A-78 -
- A-79 -
- A-80 -
- A-81 Windshield wiper motor
- A-82 Hydraulic unit
- A-83 Hydraulic unit

- A-84 Hydraulic unit
- A-85 Motor relay
- A-86 Valve relay
- A-87 Brake fluid level switch
- A-88 -
- A-89 -
- A-90 -
- A-91 -
- A-92 -
- A-93 -
- A-94 -
- A-95 Glow plug relay
- A-96 Glow plug relay
- A-97 Glow plug relay
- A-98 Idle up solenoid valve
- A-99 -
- A-100 -
- A-101 -
- A-102 -
- A-103 -



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A-113 (2-B) A-98 (2-L)

- A-104 -
- A-105 -
- A-106 EGR solenoid valve (II)
- A-107 EGR solenoid valve (I)
- A-108 Brake fluid level switch or no connection
- A-109 Vacuum switch
- A-110 Level position sensor
- A-111 Control wiring harness and sensor wiring harness combination
- A-112 -
- A-113 Water level switch
- A-114 -
- A-115 -
- A-116 -
- A-117 -
- A-118 Back-up lamp switch
- A-119 -
- A-120 Control wiring harness and battery cable combination
- A-121 -

- A-122 -
- A-123 -
- A-124 -
- A-125 -
- A-126 -
- A-127 Speed sensor (Front: RH)
- A-128 -
- A-129 Resistor
- A-130 Starter relay
- A-131 -
- A-132 -
- A-133 -
- A-134 -
- A-135 -
- A-136 Glow plug relay
- A-137 Fuel cut valve ECU

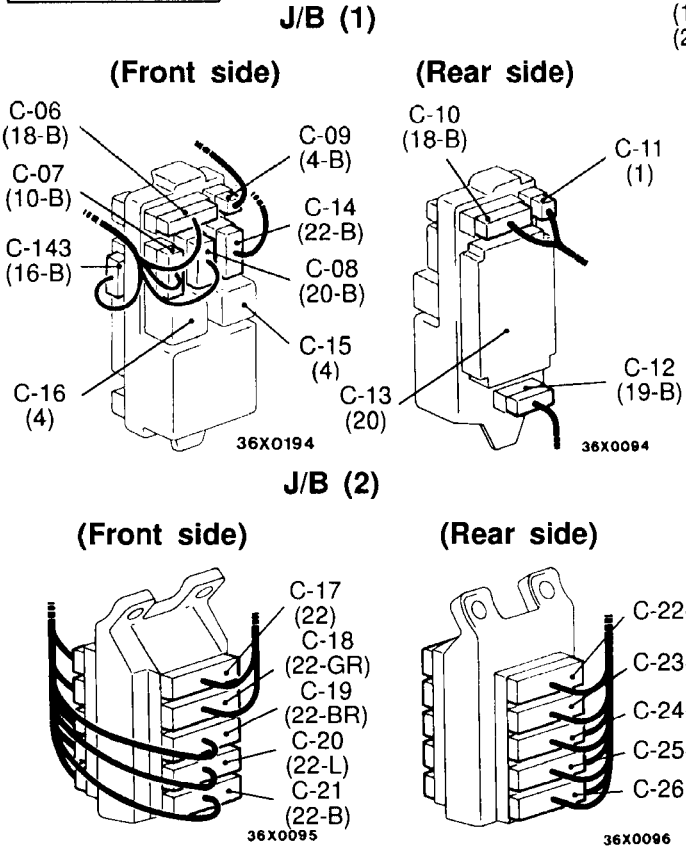
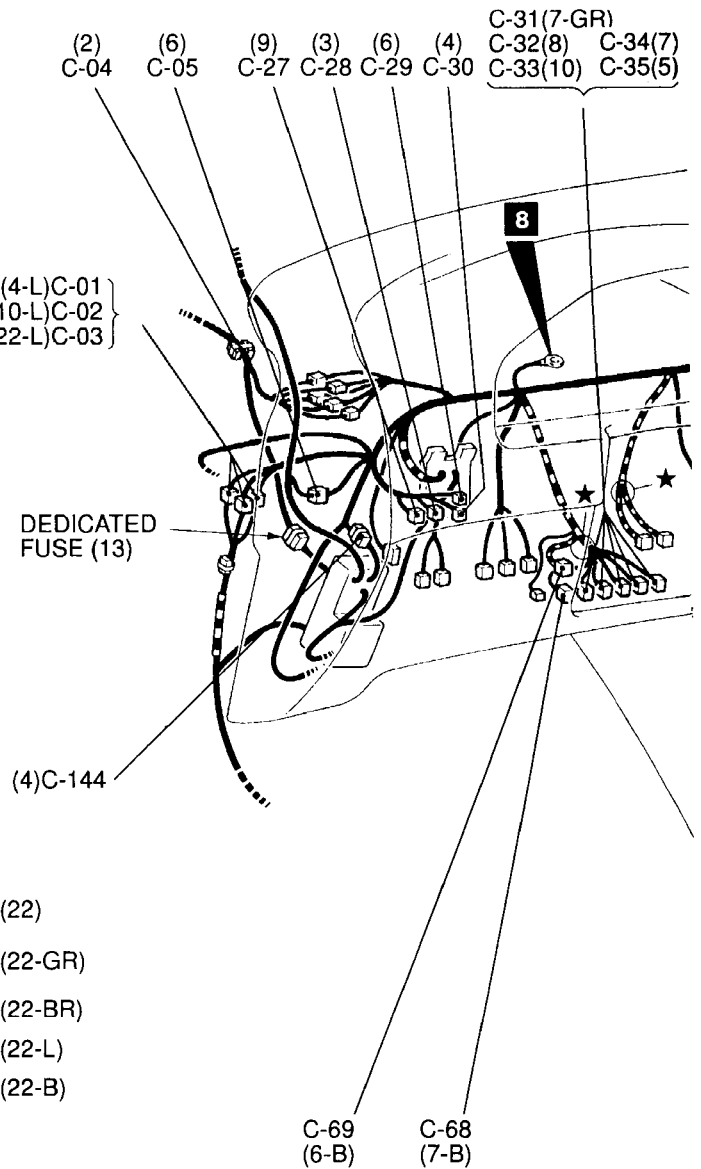
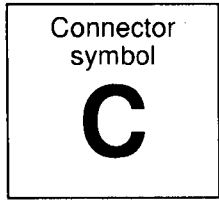
Remark

Connector numbers enclosed by a frame  are newly added connectors.

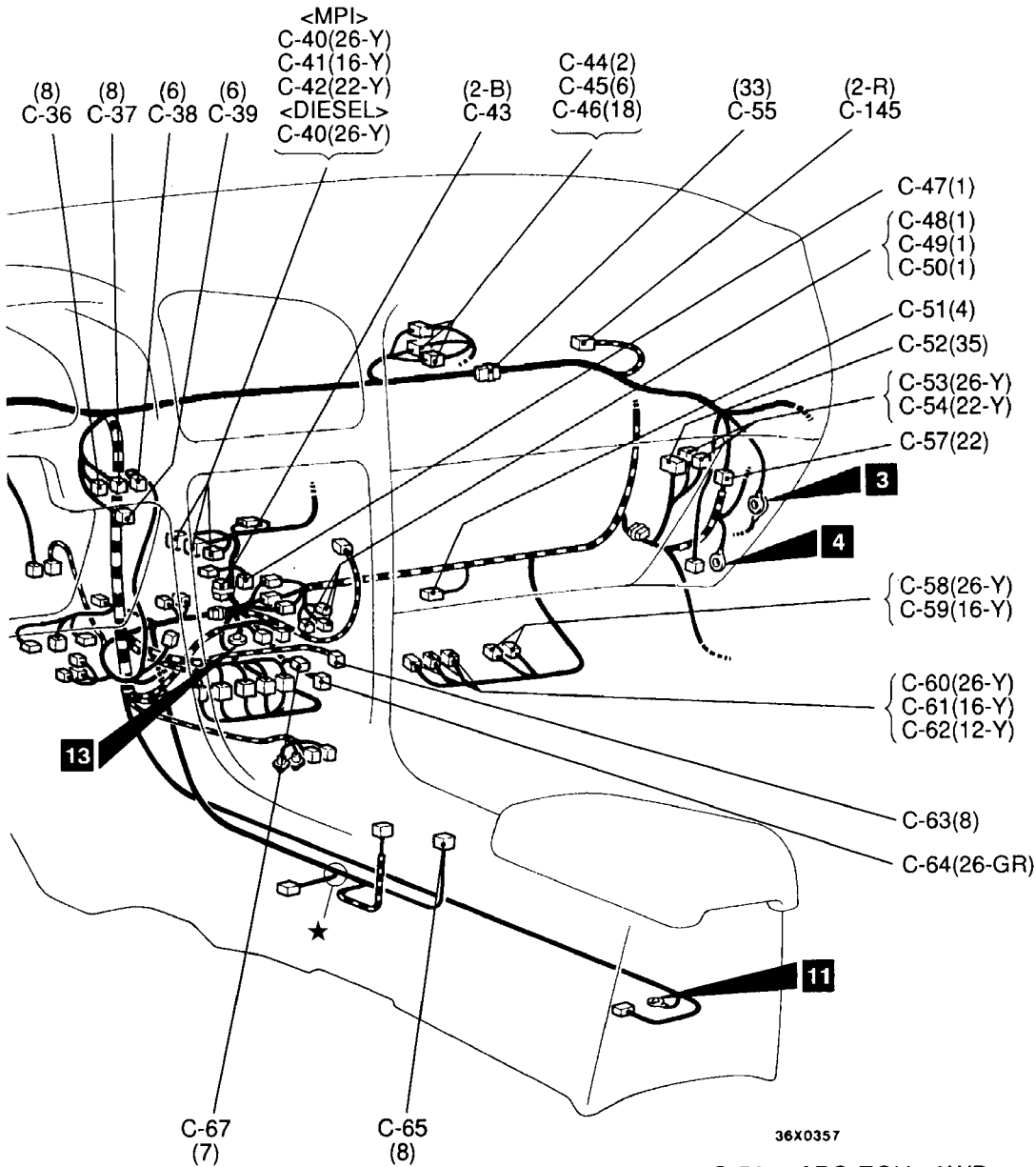


DASH PANEL

L.H. drive vehicles



- |      |  |      |   |
|------|--|------|---|
| C-01 | Dash wiring harness and floor wiring harness combination | C-17 | Instrument panel wiring harness and J/B (2) combination |
| C-02 | Dash wiring harness and floor wiring harness combination | C-18 | Instrument panel wiring harness and J/B (2) combination |
| C-03 | Dash wiring harness and floor wiring harness combination | C-19 | Dash wiring harness and J/B (2) combination             |
| C-04 | Diode <ABS-4WD>  | C-20 | Dash wiring harness and J/B (2) combination             |
| C-05 | Dash wiring harness and roof wiring harness combination  | C-21 | Dash wiring harness and J/B (2) combination             |
| C-06 | Dash wiring harness and J/B (1) combination              | C-22 | Dash wiring harness and J/B (2) combination             |
| C-07 | Dash wiring harness and J/B (1) combination              | C-23 | Dash wiring harness and J/B (2) combination             |
| C-08 | Dash wiring harness and J/B (1) combination              | C-24 | Dash wiring harness and J/B (2) combination             |
| C-09 | Roof wiring harness and J/B (1) combination              | C-25 | Dash wiring harness and J/B (2) combination             |
| C-10 | Front wiring harness and J/B (1) combination             | C-26 | Dash wiring harness and J/B (2) combination             |
| C-11 | Front wiring harness and J/B (1) combination             | C-27 | Remote controlled mirror switch                         |
| C-12 | Floor wiring harness and J/B (1) combination             | C-28 | Rheostat  |
| C-13 | ETACS-ECU and Buzzer ECU                                 | C-29 | Front fog lamp switch                                   |
| C-14 | Instrument panel wiring harness and J/B (1) combination  | C-30 | Rear fog lamp switch                                    |
| C-15 | Blower relay   | C-31 | Column switch   |
| C-16 | Defogger relay   | C-32 | Column switch   |
|      |  | C-33 | Column switch   |
|      |  | C-34 | Column switch   |
|      |  | C-35 | Column switch   |

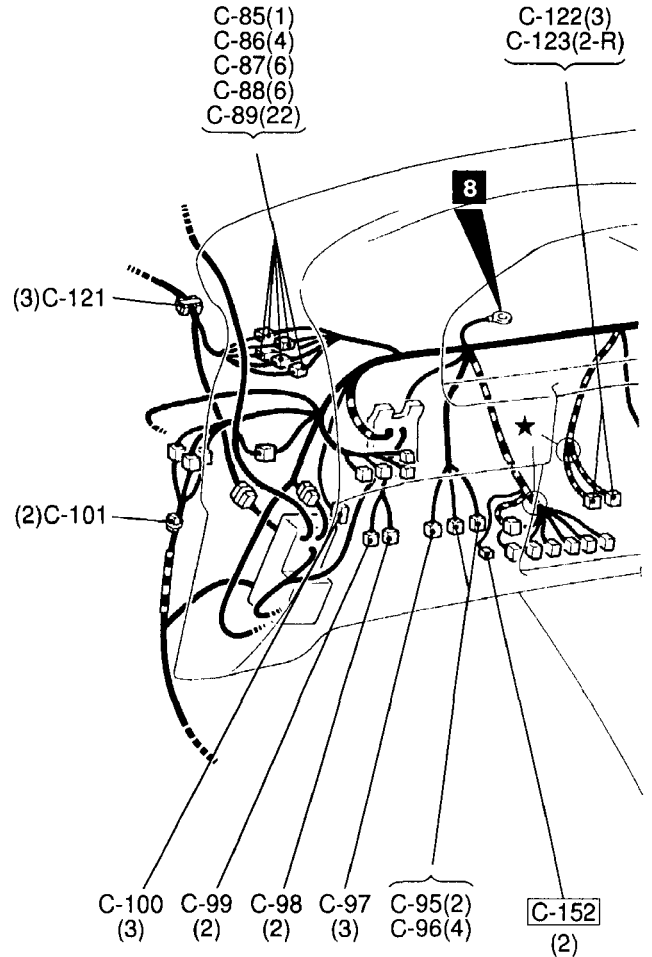
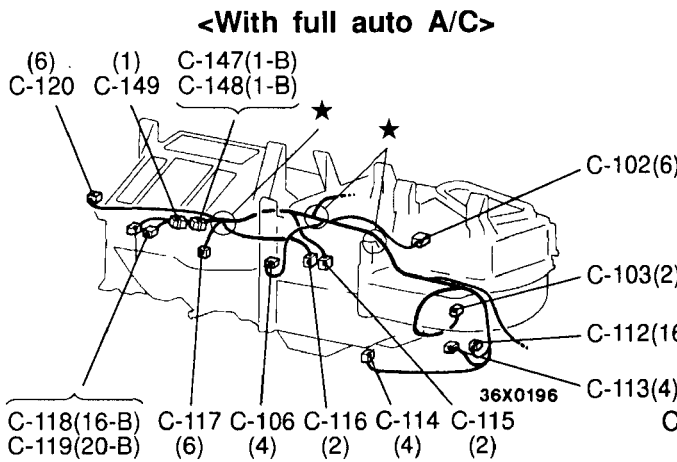
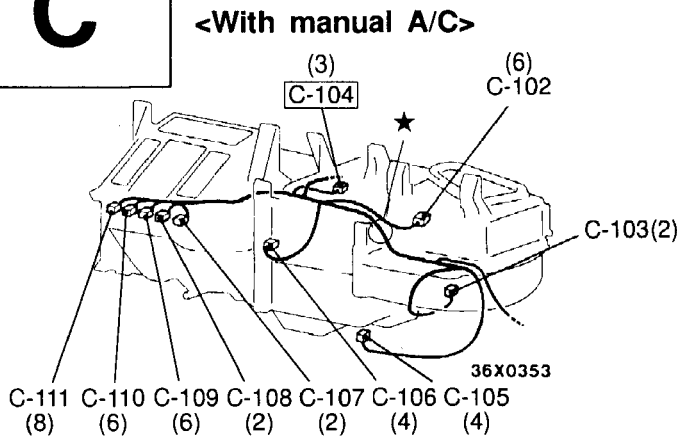
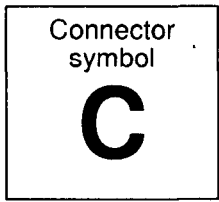


36X0357

- C-36 Rear wiper and washer switch
- C-37 Auto-cruise control main switch
- C-38 TCL-switch
- C-39 Headlamp leveling switch
- C-40 Engine ECU
- C-41 Engine ECU
- C-42 Engine ECU
- C-43 Fuel octane ratio selection connector
- C-44 Dash wiring harness and A/C wiring harness combination
- C-45 Dash wiring harness and A/C wiring harness combination
- C-46 Dash wiring harness and A/C wiring harness combination
- C-47 No connection
- C-48 No connection
- C-49 No connection
- C-50 No connection
- C-51 ECS relay
- C-52 ABS-ECU <4WD>

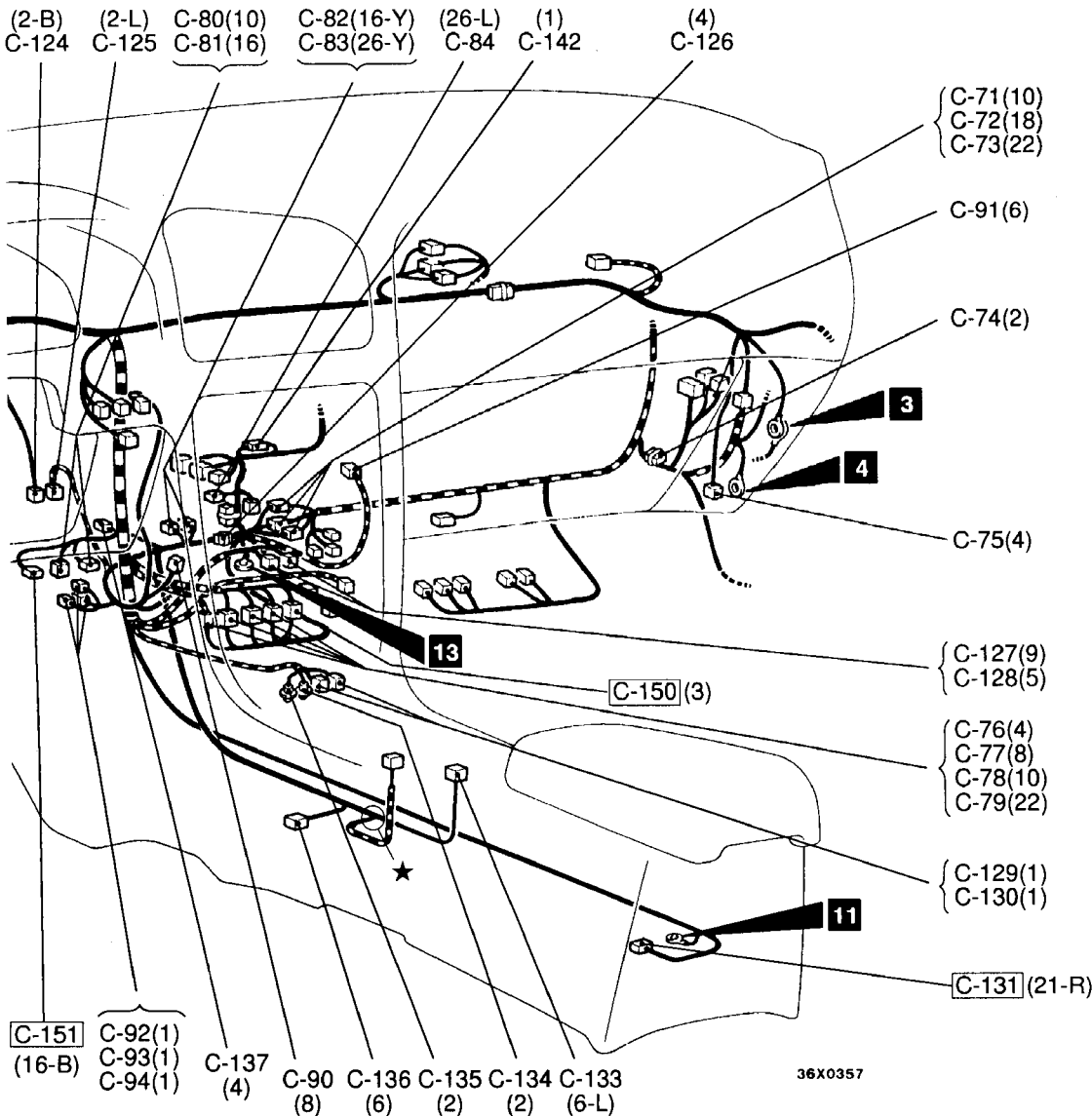
- C-53 ABS-ECU <2WD>
- C-54 ABS-ECU <2WD>
- C-55 Jumper connector
- C-56 -
- C-57 Dash wiring harness and ABS wiring harness combination
- C-58 TCL-ECU
- C-59 TCL-ECU
- C-60 ECS-ECU
- C-61 ECS-ECU
- C-62 ECS-ECU
- C-63 Door lock ECU
- C-64 Auto-cruise ECU or spare connector
- C-65 ECS switch
- C-66 -
- C-67 EPS-ECU
- C-68 Key reminder switch
- C-69 Ignition switch
- C-143 ETACS-ECU
- C-144 Diode <theft alarm system>
- C-145 Air bag module (passenger)

L.H. drive vehicles



- C-70 -
- C-71 ABS wiring harness and control wiring harness combination
- C-72 ABS wiring harness and control wiring harness combination
- C-73 ABS wiring harness and control wiring harness combination
- C-74 Diode <ABS-2WD>
- C-75 Rear fog lamp relay
- C-76 Dash wiring harness and control wiring harness combination
- C-77 Dash wiring harness and control wiring harness combination
- C-78 Dash wiring harness and control wiring harness combination
- C-79 Dash wiring harness and control wiring harness combination
- C-80 Diagnosis connector
- C-81 Diagnosis connector
- C-82 ELC-4A/T-ECU
- C-83 ELC-4A/T-ECU
- C-84 4WS-ECU
- C-85 Front wiring harness and dash wiring harness combination

- C-86 Front wiring harness and dash wiring harness combination
- C-87 Front wiring harness and dash wiring harness combination
- C-88 Front wiring harness and dash wiring harness combination
- C-89 Front wiring harness and dash wiring harness combination
- C-90 Engine control relay
- C-91 Engine oil level relay
- C-92 No connection
- C-93 No connection
- C-94 No connection
- C-95 Stop lamp switch (2-pin) or no connection <Auto-cruise control>
- C-96 Stop lamp switch (4-pin) <Auto-cruise control> or no connection
- C-97 Pedal stroke sensor
- C-98 Clutch switch <TCL>
- C-99 Clutch switch <Auto-cruise control>
- C-100 Turn-signal and hazard flasher unit
- C-101 Diode (for luggage compartment lamp) <Hatch-back>
- C-102 Air selection damper control motor
- C-103 Blower motor
- C-104 Automatic compressor ECU



- C-105 Resistor
- C-106 Air purifier
- C-107 Air purifier indicator lamp
- C-108 Heater control illumination lamp
- C-109 Air selection switch
- C-110 A/C switch
- C-111 Blower switch
- C-112 A/C belt lock controller
- C-113 Blower motor high relay
- C-114 Power transistor
- C-115 Fin thermo sensor
- C-116 Engine coolant temperature sensor
- C-117 Air mixing damper control motor
- C-118 A/C control panel and ECU assembly
- C-119 A/C control panel and ECU assembly
- C-120 Mode selection damper control motor
- C-121 Diode (for rear fog lamp)
- C-122 Clock spring
- C-123 Clock spring
- C-124 Accelerator pedal switch or no connection
- C-125 Kickdown switch
- C-126 Diode <MPI>
- C-127 Radio
- C-128 Radio
- C-129 Cigarette lighter

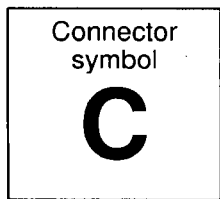
- C-130 Cigarette lighter
- C-131 SRS air bag control unit
- C-132 -
- C-133 Auto/hold change over switch
- C-134 Cigarette lighter illumination lamp
- C-135 Ashtray illumination lamp
- C-136 Overdrive switch
- C-137 Oxygen sensor
- C-138 -
- C-139 -
- C-140 -
- C-141 -
- C-142 Idle up cut connector
- C-146 -
- C-147 Spare connector
- C-148 Spare connector
- C-149 Spare connector
- C-150 Dash wiring harness and control wiring harness combination
- C-151 Immobilizer ECU
- C-152 Ignition key ring antenna

Remark

Connector numbers enclosed by a frame  are newly added or transferred connectors.

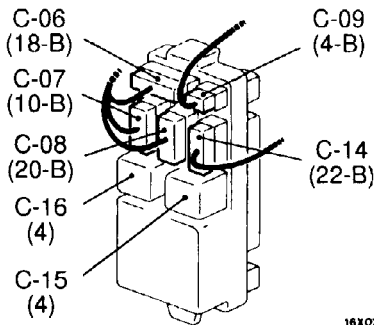
DASH PANEL

R.H. drive vehicles

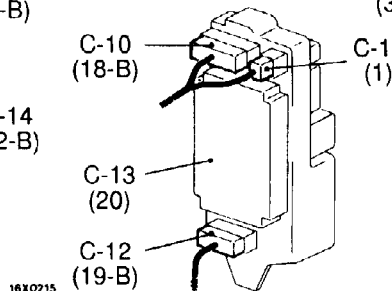


J/B (1)

(Front side)

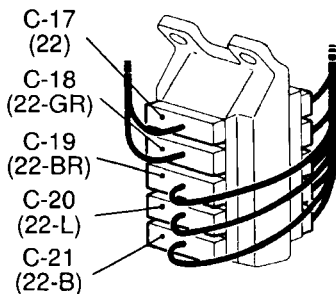


(Rear side)

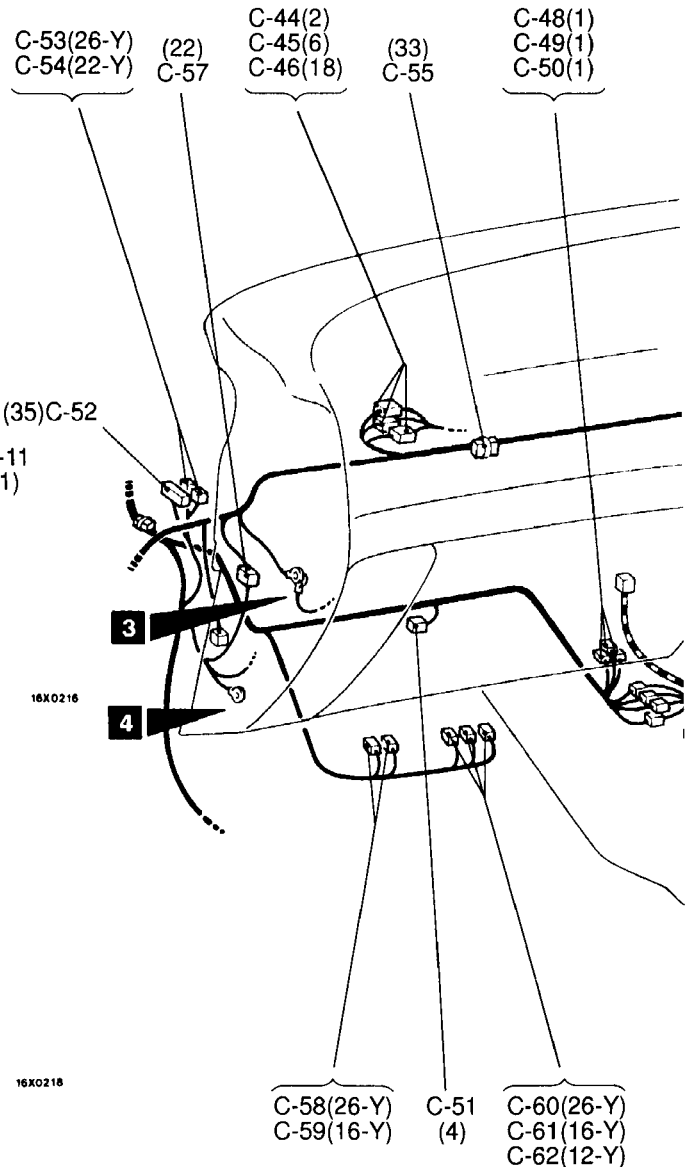
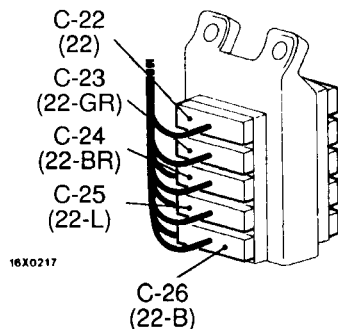


J/B (2)

(Front side)

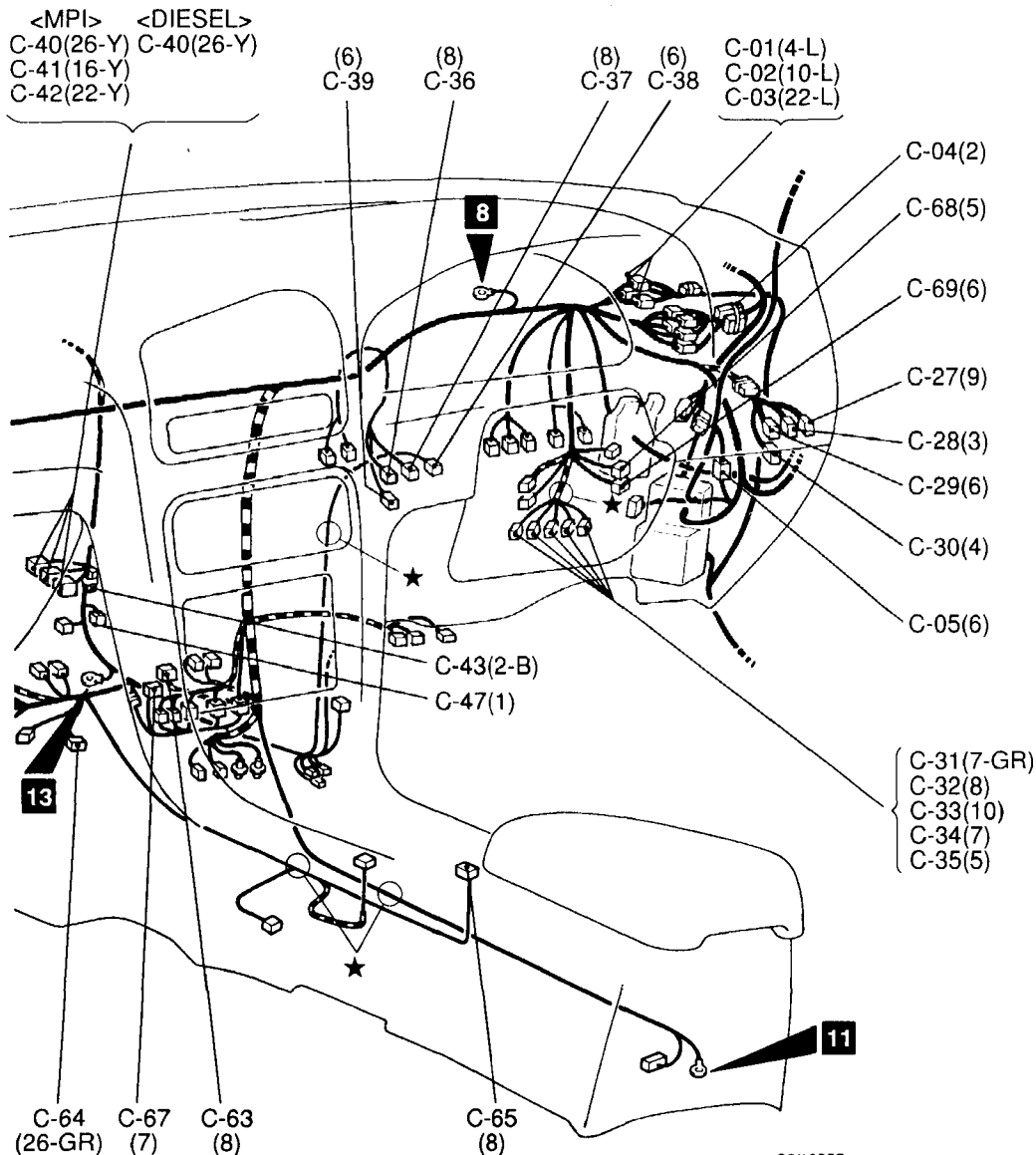


(Rear side)



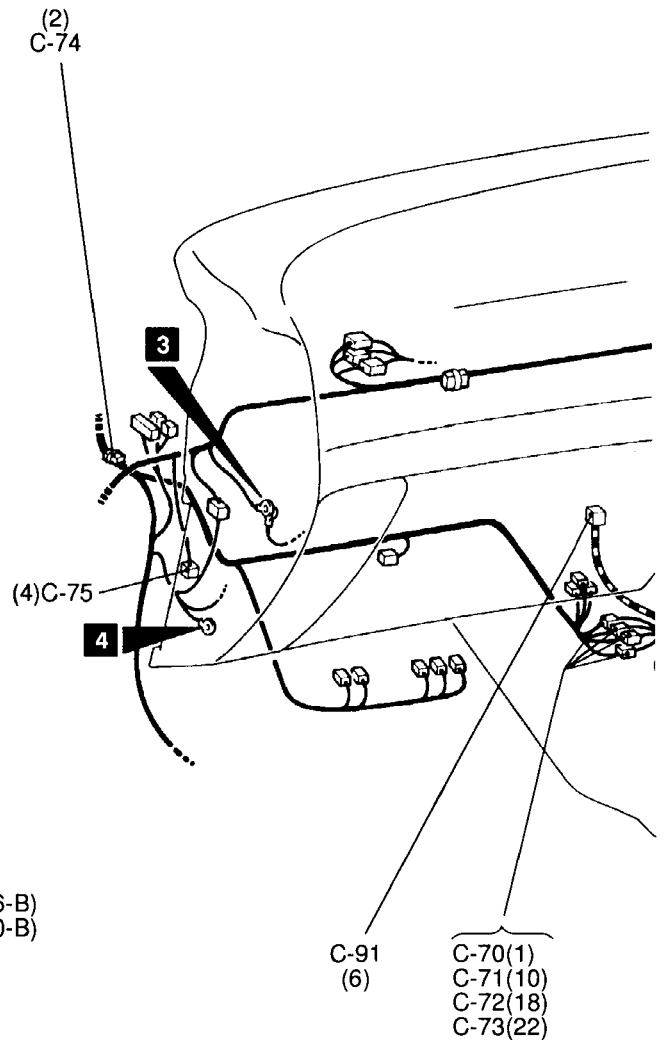
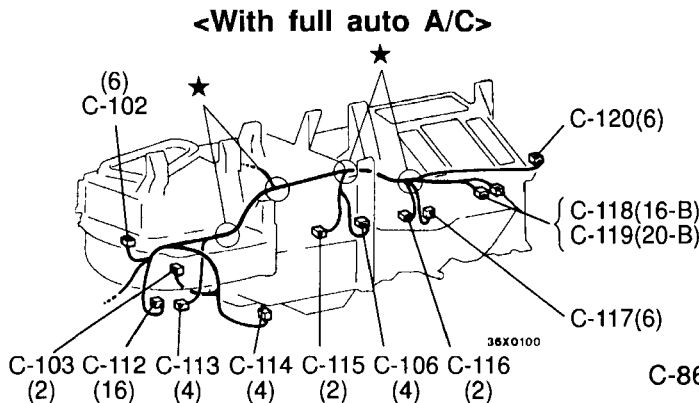
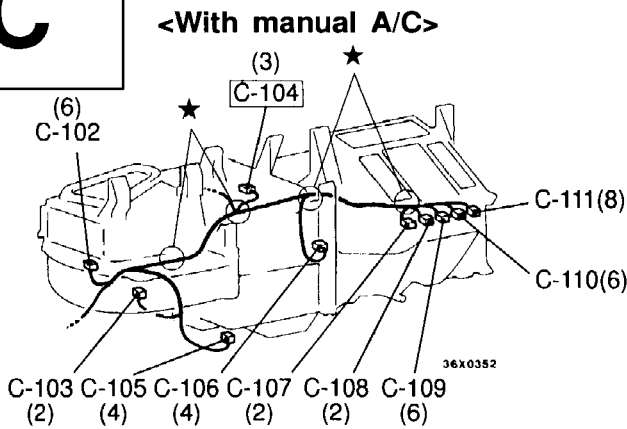
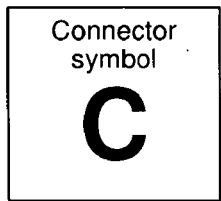
- C-01 Dash wiring harness and floor wiring harness combination
- C-02 Dash wiring harness and floor wiring harness combination
- C-03 Dash wiring harness and floor wiring harness combination
- C-04 Diode <ABS-4WD>
- C-05 Dash wiring harness and roof wiring harness combination
- C-06 Dash wiring harness and J/B (1) combination
- C-07 Dash wiring harness and J/B (1) combination
- C-08 Dash wiring harness and J/B (1) combination
- C-09 Roof wiring harness and J/B (1) combination
- C-10 Front wiring harness and J/B (1) combination
- C-11 Front wiring harness and J/B (1) combination
- C-12 Floor wiring harness and J/B (1) combination
- C-13 ETACS-ECU and Buzzer ECU
- C-14 Instrument panel wiring harness and J/B (1) combination
- C-15 Blower relay

- C-16 Defogger relay
- C-17 Instrument panel wiring harness and J/B (2) combination
- C-18 Instrument panel wiring harness and J/B (2) combination
- C-19 Dash wiring harness and J/B (2) combination
- C-20 Dash wiring harness and J/B (2) combination
- C-21 Dash wiring harness and J/B (2) combination
- C-22 Dash wiring harness and J/B (2) combination
- C-23 Dash wiring harness and J/B (2) combination
- C-24 Dash wiring harness and J/B (2) combination
- C-25 Dash wiring harness and J/B (2) combination
- C-26 Dash wiring harness and J/B (2) combination
- C-27 Remote controlled mirror switch
- C-28 Rheostat
- C-29 Front fog lamp switch
- C-30 Rear fog lamp switch
- C-31 Column switch
- C-32 Column switch
- C-33 Column switch



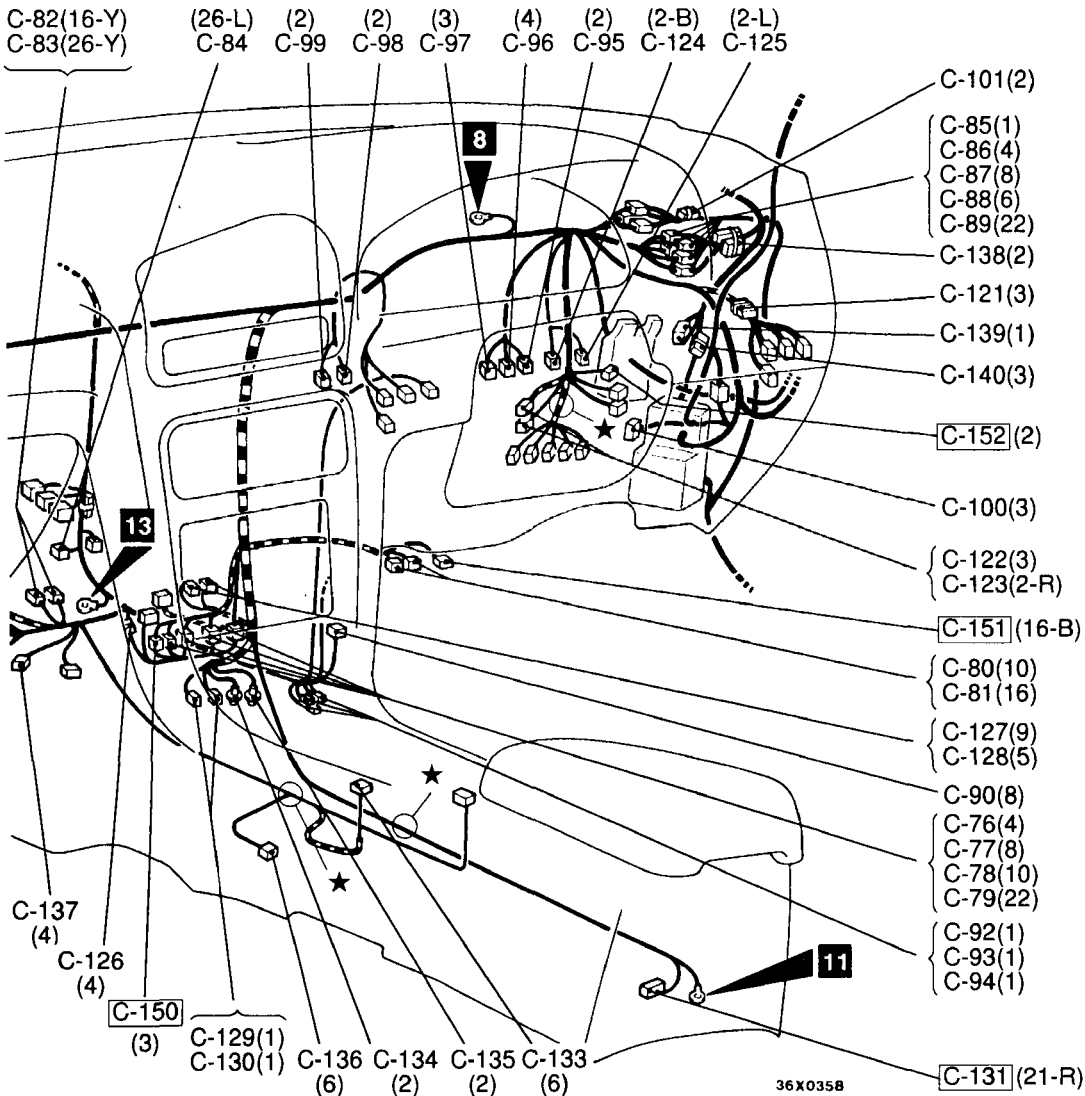
- |      |  |      |  |
|------|--|------|--|
| C-34 | Column switch  | C-51 | ECS relay  |
| C-35 | Column switch  | C-52 | ABS-ECU <4WD>  |
| C-36 | Rear wiper and washer switch                           | C-53 | ABS-ECU <2WD>  |
| C-37 | Auto-cruise control main switch                        | C-54 | ABS-ECU <2WD>  |
| C-38 | TCL-switch   | C-55 | Jumper connector                                       |
| C-39 | Headlamp leveling switch                               | C-56 | -  |
| C-40 | Engine ECU   | C-57 | Dash wiring harness and ABS wiring harness combination |
| C-41 | Engine ECU   | C-58 | TCL-ECU  |
| C-42 | Engine ECU   | C-59 | TCL-ECU  |
| C-43 | Fuel octane ratio selection connector                  | C-60 | ECS-ECU  |
| C-44 | Dash wiring harness and A/C wiring harness combination | C-61 | ECS-ECU  |
| C-45 | Dash wiring harness and A/C wiring harness combination | C-62 | ECS-ECU  |
| C-46 | Dash wiring harness and A/C wiring harness combination | C-63 | Door lock ECU  |
| C-47 | No connection  | C-64 | Auto-cruise ECU or spare connector                     |
| C-48 | No connection  | C-65 | ECS switch   |
| C-49 | No connection  | C-66 | -  |
| C-50 | No connection  | C-67 | EPS-ECU  |
|      |  | C-68 | Key reminder switch                                    |
|      |  | C-69 | Ignition switch  |

R.H. drive vehicles



- C-70 ABS wiring harness and control wiring harness combination
- C-71 ABS wiring harness and control wiring harness combination
- C-72 ABS wiring harness and control wiring harness combination
- C-73 ABS wiring harness and control wiring harness combination
- C-74 Diode
- C-75 Rear fog lamp relay
- C-76 Dash wiring harness and control wiring harness combination
- C-77 Dash wiring harness and control wiring harness combination
- C-78 Dash wiring harness and control wiring harness combination
- C-79 Dash wiring harness and control wiring harness combination
- C-80 Diagnosis connector
- C-81 Diagnosis connector
- C-82 ELC-4A/T-ECU
- C-83 ELC-4A/T-ECU
- C-84 4WS-ECU
- C-85 Front wiring harness and dash wiring harness combination

- C-86 Front wiring harness and dash wiring harness combination
- C-87 Front wiring harness and dash wiring harness combination
- C-88 Front wiring harness and dash wiring harness combination
- C-89 Front wiring harness and dash wiring harness combination
- C-90 Engine control relay
- C-91 Engine oil level relay
- C-92 No connection
- C-93 No connection
- C-94 No connection
- C-95 Stop lamp switch (2-pin) or no connection <Auto-cruise control>
- C-96 Stop lamp switch (4-pin) <Auto-cruise control> or no connection
- C-97 Pedal stroke sensor
- C-98 Clutch switch <TCL>
- C-99 Clutch switch <Auto-cruise control>
- C-100 Turn-signal and hazard flasher unit
- C-101 Diode (for luggage compartment lamp) <Hatch-back>
- C-102 Air selection damper control motor
- C-103 Blower motor
- C-104 Automatic compressor ECU
- C-105 Resistor
- C-106 Air purifier



- C-107 Air purifier indicator lamp
- C-108 Heater control illumination lamp
- C-109 Air selection switch
- C-110 A/C switch
- C-111 Blower switch
- C-112 A/C belt lock controller
- C-113 Blower high relay
- C-114 Power transistor
- C-115 Fin thermo sensor
- C-116 Engine coolant temperature sensor
- C-117 Air mixing damper control motor
- C-118 A/C control panel and ECU assembly
- C-119 A/C control panel and ECU assembly
- C-120 Mode selection damper control motor
- C-121 Diode (for rear fog lamp)
- C-122 Clock spring
- C-123 Clock spring
- C-124 Accelerator pedal switch or no connection
- C-125 Kickdown switch
- C-126 Diode (MPI)
- C-127 Radio
- C-128 Radio
- C-129 Cigarette lighter
- C-130 Cigarette lighter
- C-131** SRS air bag control unit

- C-132 -
- C-133 Auto/hold change over switch
- C-134 Cigarette lighter illumination lamp
- C-135 Ashtray illumination lamp
- C-136 Overdrive switch
- C-137 Oxygen sensor
- C-138 Diode (for dim-dip lamp)
- C-139 Joint connector
- C-140 Diode (for dim-dip lamp)
- C-141 -
- C-142 -
- C-143 -
- C-144 -
- C-145 -
- C-146 -
- C-147 -
- C-148 -
- C-149 -
- C-150** Dash wiring harness and control wiring harness combination
- C-151** Immobilizer ECU
- C-152** Ignition key ring antenna

Remark  
 Connector numbers enclosed by a frame  are newly added or transferred connectors.

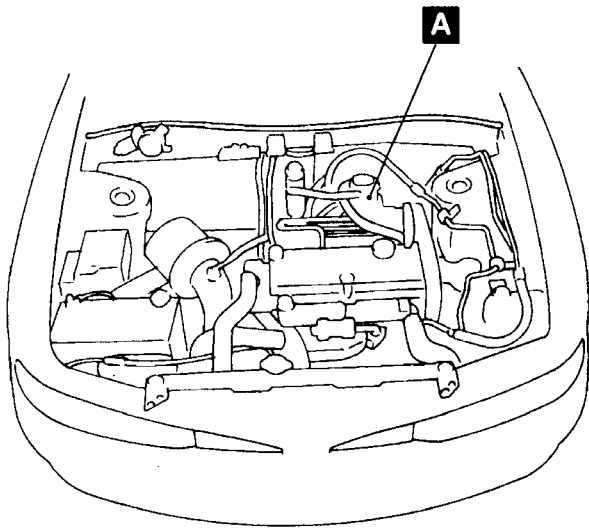


## **3 SINGLE PART INSTALLATION POSITION**

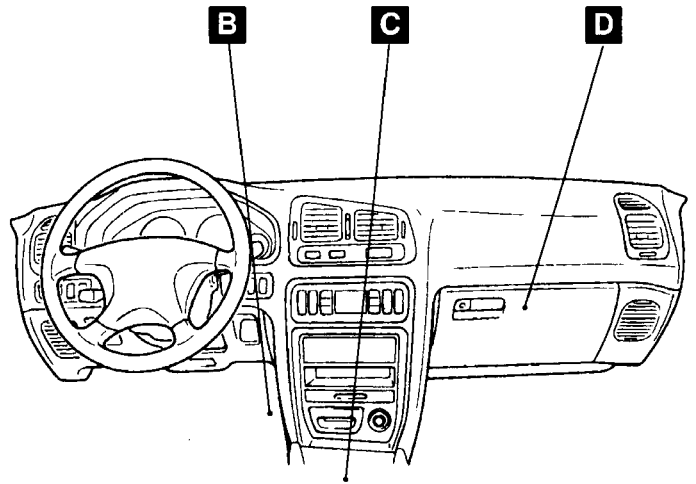
**CONTROL UNIT ..... 3-2**

**CONTROL UNIT**

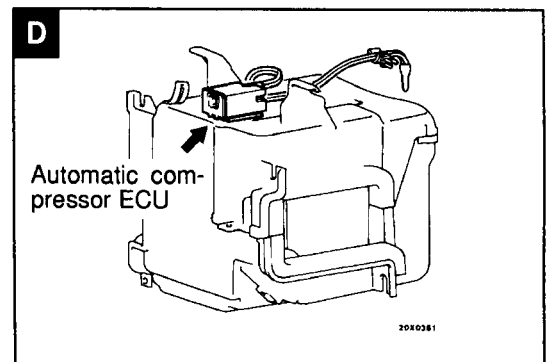
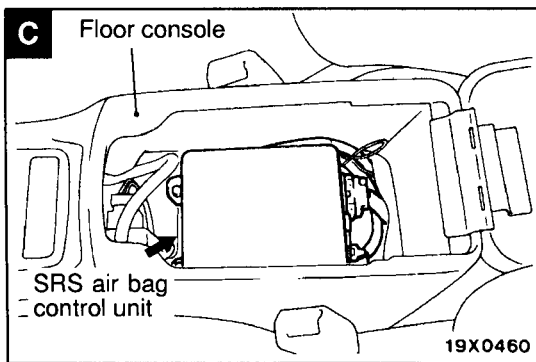
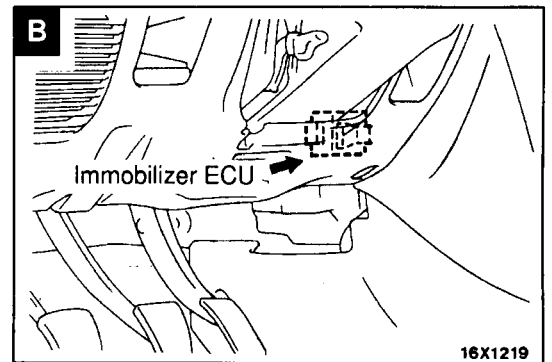
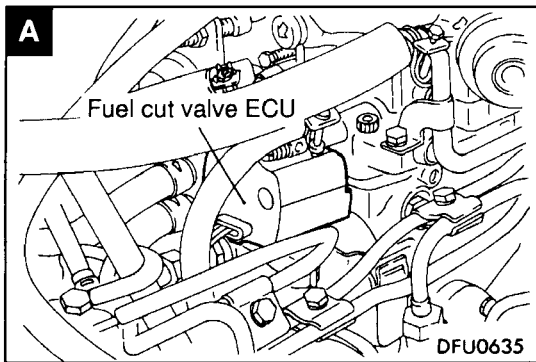
| Name                     | Symbol | Name                     | Symbol |
|--------------------------|--------|--------------------------|--------|
| Automatic compressor ECU | D      | Immobilizer ECU          | B      |
| Fuel cut valve ECU       | A      | SRS air bag control unit | C      |



16X0629



16X0633



## 4 CIRCUIT DIAGRAM

### CENTRALIZED JUNCTION

- Multi-purpose fuse ..... 4-3

### POWER DISTRIBUTION SYSTEM ..... 4-4

### GLOW SYSTEM

- Vehicles with immobilizer system ..... 4-10

### MPI SYSTEM

- 4G93, 4G63  
<Vehicles with immobilizer system> ..... 4-14
- 6A12, 6G73  
<Vehicles with immobilizer system> ..... 4-22

### TURN-SIGNAL LAMP AND HAZARD LAMP ..... 4-30

### HEATER AND MANUAL AIR CONDITIONER

- Petrol-powered vehicles <2WD> ..... 4-34
- Petrol-powered vehicles <4WD> ..... 4-40
- Diesel-powered vehicles ..... 4-46

### FULL AUTOMATIC AIR CONDITIONER

- 6A12-M/T ..... 4-51
- 6A12-A/T ..... 4-59
- 6G73 ..... 4-67

### SUPPLEMENTAL RESTRAINT SYSTEM

- L.H. drive vehicles ..... 4-76
- R.H. drive vehicles ..... 4-78

### IMMOBILIZER SYSTEM

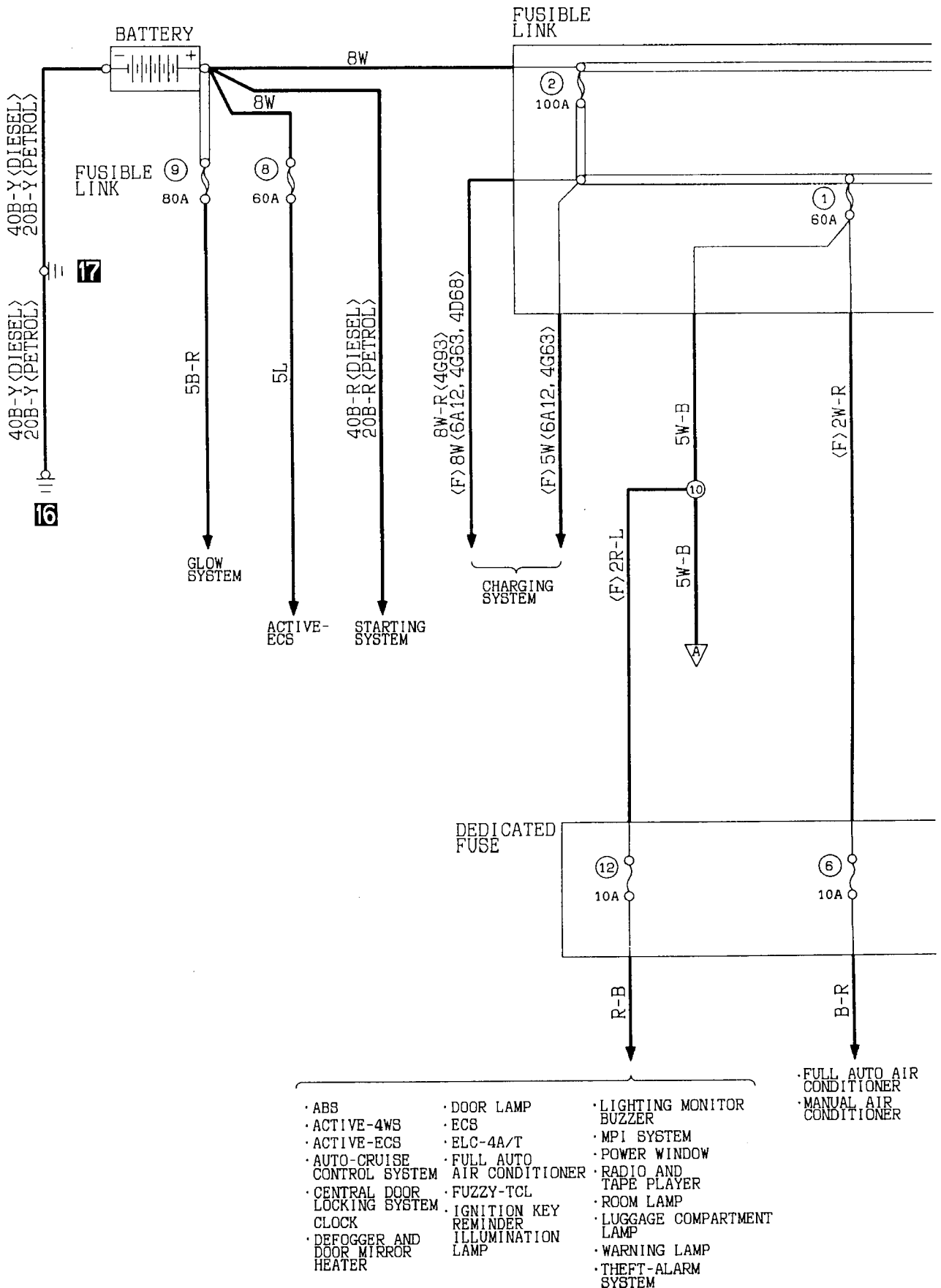
- Petrol-powered vehicles ..... 4-80
- Diesel-powered vehicles ..... 4-82

NOTES

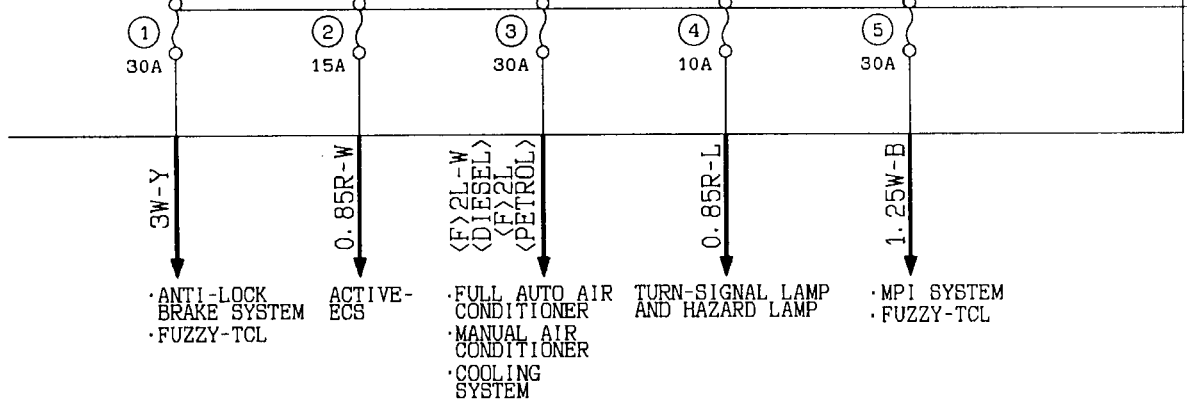
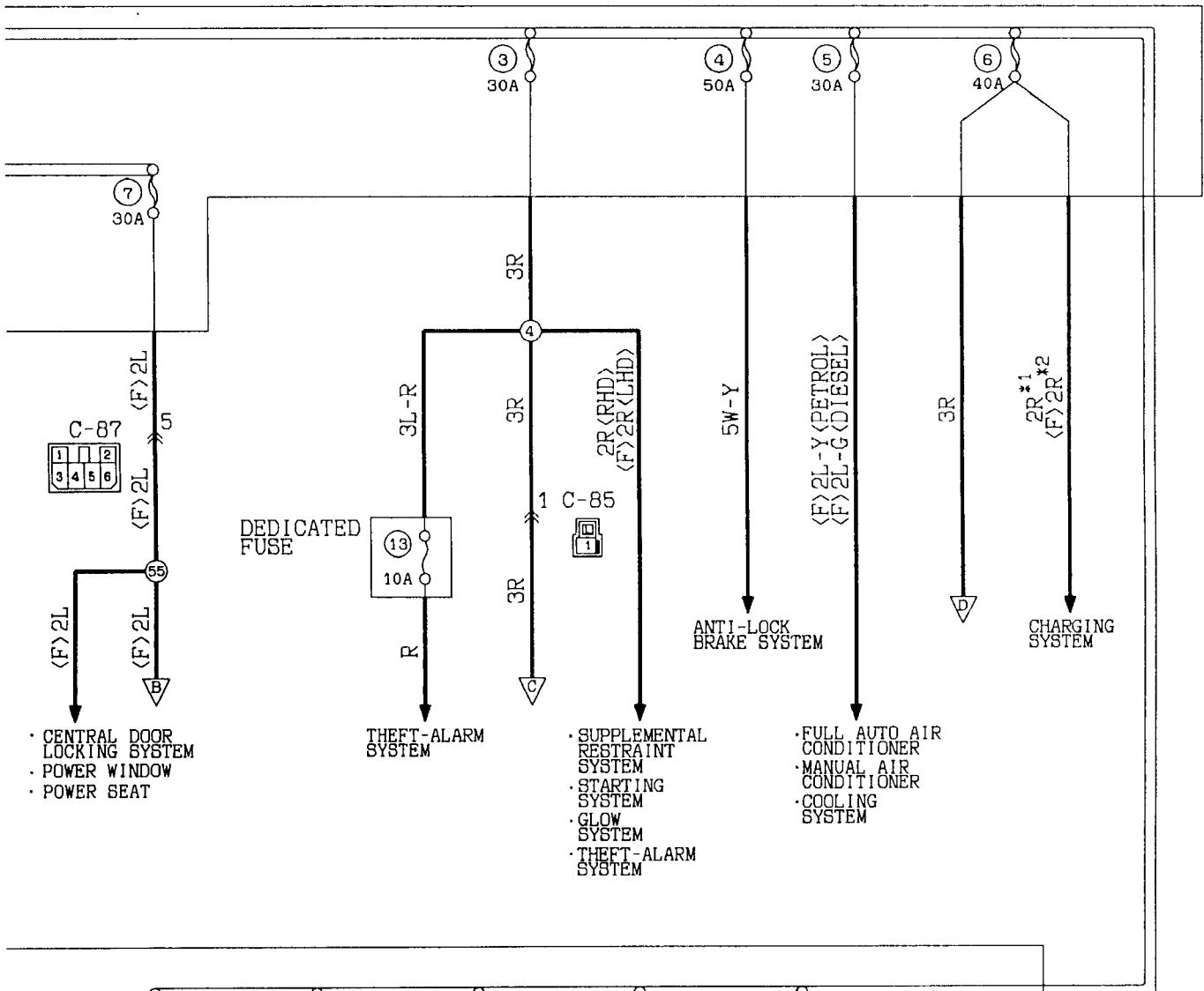
**CENTRALIZED JUNCTION****MULTI-PURPOSE FUSE (In junction block (1))**

| Power supply circuit      |     | No. | Rated capacity (A) | Housing colour | Load circuit   |
|---------------------------|-----|-----|--------------------|----------------|--|
| Fusible link No. (1), (2) |     | 1   | —                  | —              | —  |
| Ignition switch           | IG2 | 2   | 10                 | Red            | ABS power relay and ECS-ECU  |
|                           | IG1 | 3   | 10                 | Red            | ECS-ECU, back-up lamp and 4WS-ECU  |
|                           |     | 4   | 10                 | Red            | Turn signal and hazard flasher unit, SRS air bag control unit and 4WS-ECU  |
| Fusible link No. (1), (2) |     | 5   | 15                 | Blue           | ABS-ECU, auto-cruise-ECU, ECS-ECU, ELC-4A/T-ECU, engine ECU, stop lamp and TCL-ECU   |
|                           |     | 6   | 30                 | Green          | Deffogger  |
| Ignition switch           | IG2 | 7   | 10                 | Red            | EPS-ECU  |
|                           | IG1 | 8   | 10                 | Red            | Auto-cruise-ECU, auto-cruise main switch, buzzer ECU, ETACS-ECU, Fuel cut valve ECU, immobilizer ECU, indicator lamp, meter and gauge, motor antenna assembly, SRS diagnosis unit, steering wheel sensor, sunroof ECU and warning lamp   |
|                           | ACC | 9   | 20                 | Yellow         | Intermittent wiper relay, motor antenna assembly, rear intermittent, wiper relay and remote controlled mirror  |
| Fusible link No. (1), (2) |     | 10  | —                  | —              | —  |
|                           |     | 11  | 30                 | Green          | Blower motor   |
| Ignition switch           | ACC | 12  | 10                 | Red            | Horn   |
|                           | IG2 | 13  | 10                 | Red            | ABS-ECU, air conditioner ECU, air purifier, air selection control motor, automatic compressor ECU, blower relay, power window switch, condenser fan relay, deffogger relay, dim-dip relay (I), DRL-ECU, DRL relay (I), engine ECU, headalmp washer relay, heated seat, power window, radiator fan relay, TCL-ECU and valve relay |
|                           | ACC | 14  | 15                 | Blue           | Cigarette lighter  |
|                           | IG1 | 15  | 10                 | Red            | Auto-cruise ECU, A/T selector lever position illumination lamp and ELC-4A/T-ECU  |
| Fusible link No. (7)      |     | 16  | —                  | —              | —  |
|                           |     | 17  | 20                 | Yellow         | Sunroof ECU  |

POWER DISTRIBUTION SYSTEM

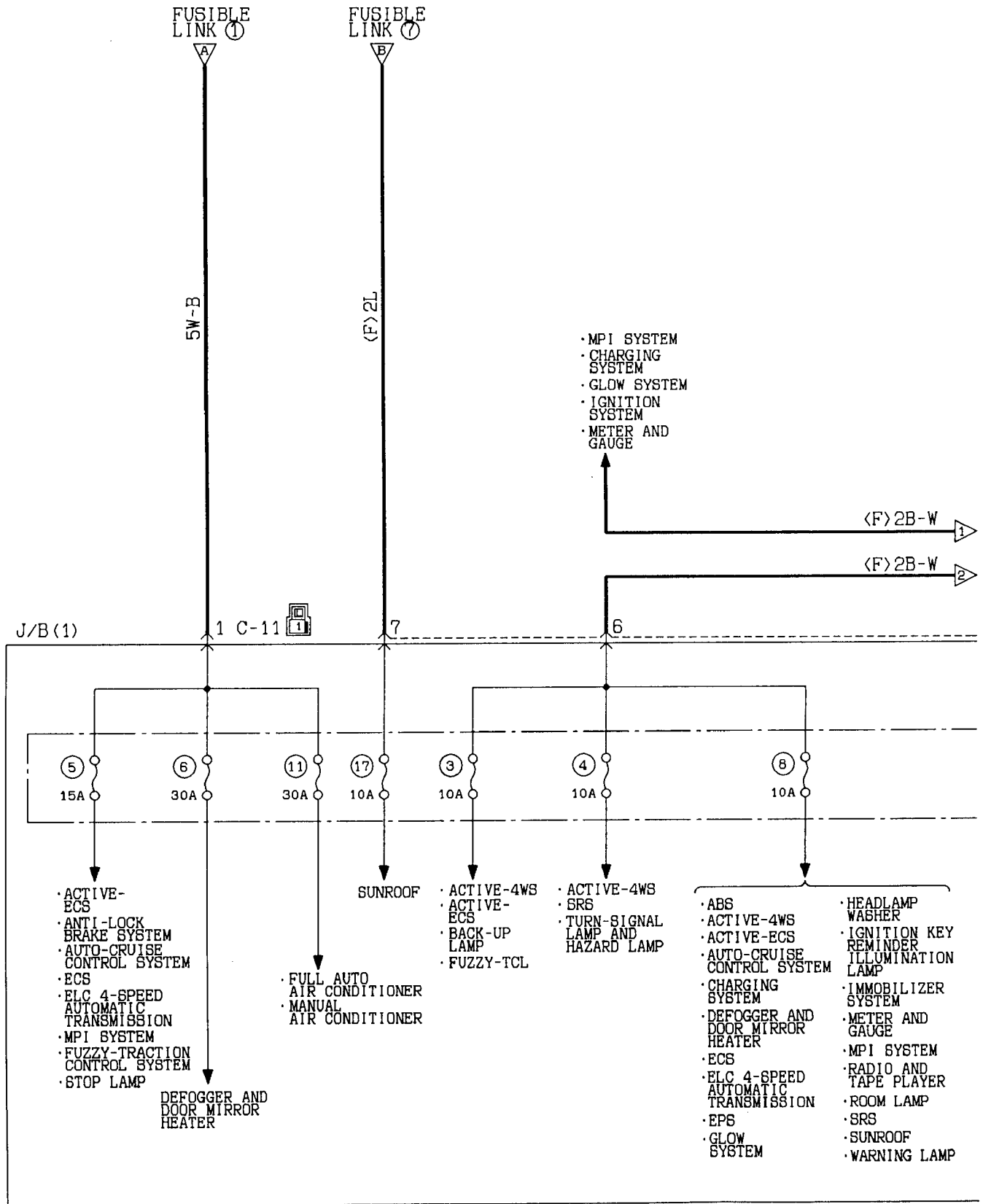


Remarks  
 (1)\*1:4G93-LHD, 6A12-LHD  
 (2)\*2:4G93-RHD, 6A12-RHD, 4G63, 4G68



Wire colour code  
 B:Black    LG:Light green    G:Green    L:Blue    W:White    Y:Yellow    SB:Sky blue  
 BR:Brown    O:Orange    GR:Gray    R:Red    P:Pink    V:Violet

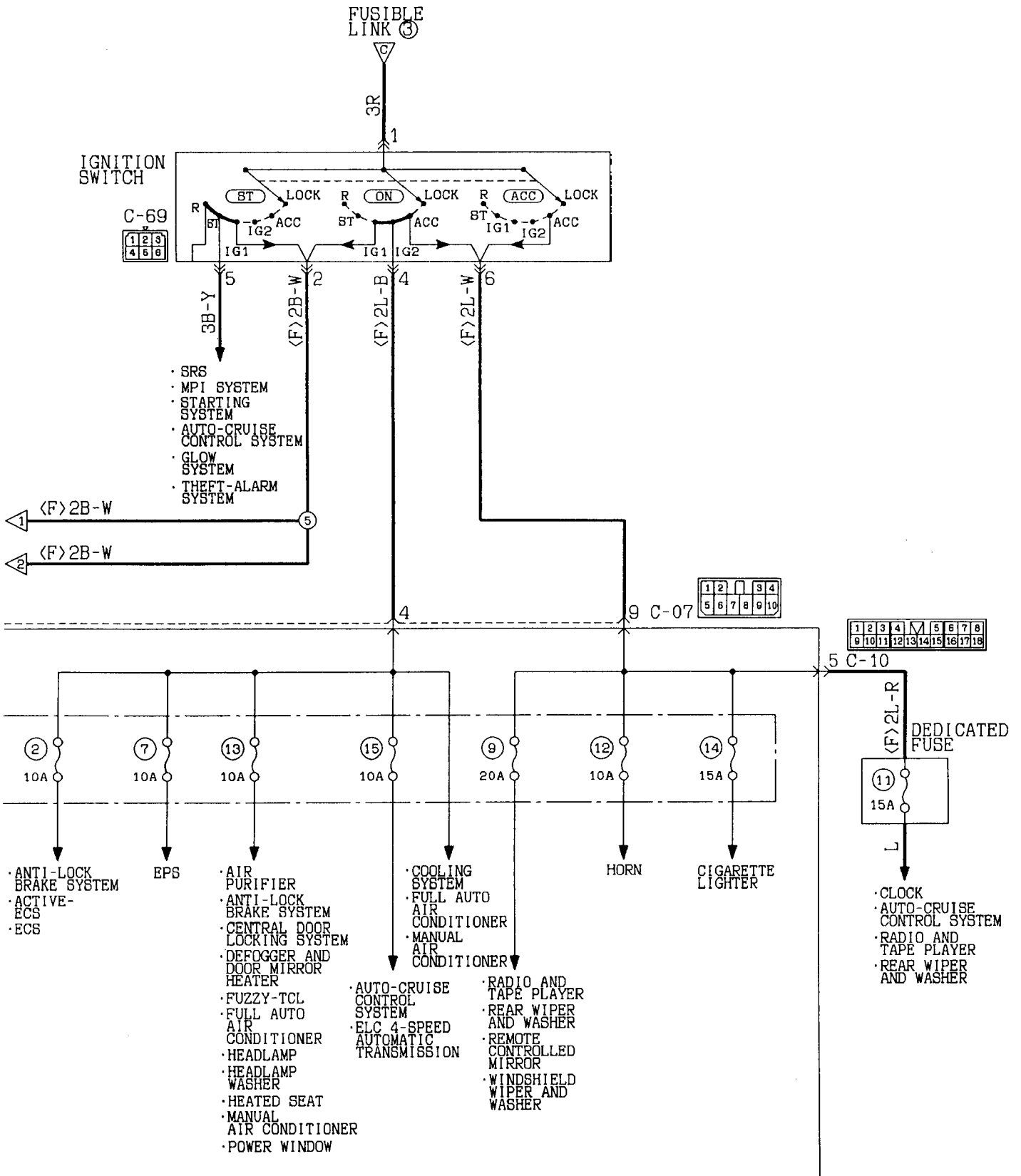
POWER DISTRIBUTION SYSTEM (CONTINUED)



Wire colour code

B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet





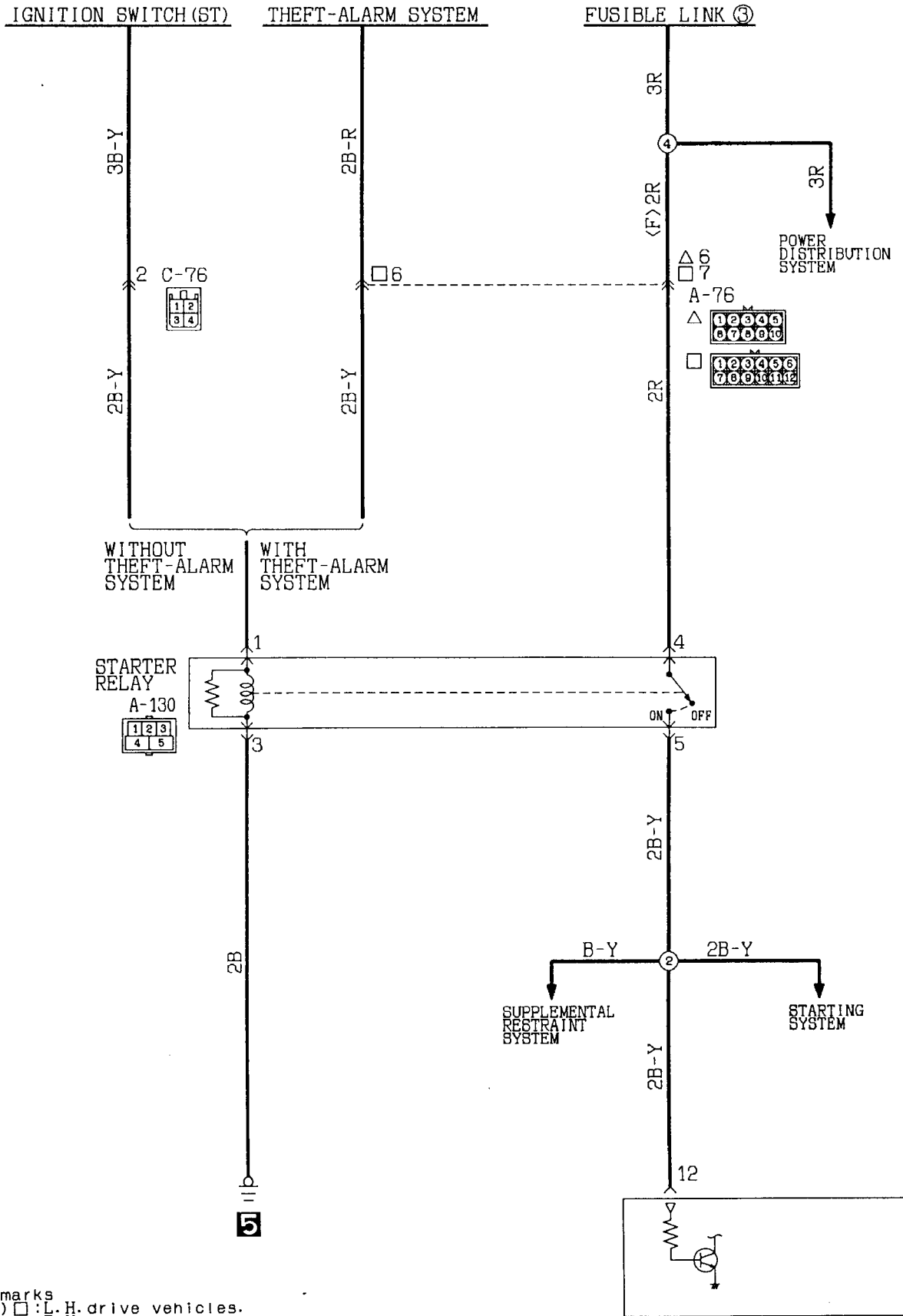
Remark  
 The above circuit diagram shows the current flow at the ignition key position "ACC", "ON" and "ST" combined.  
 Be sure trace the appropriate circuit depending on the ignition key position.



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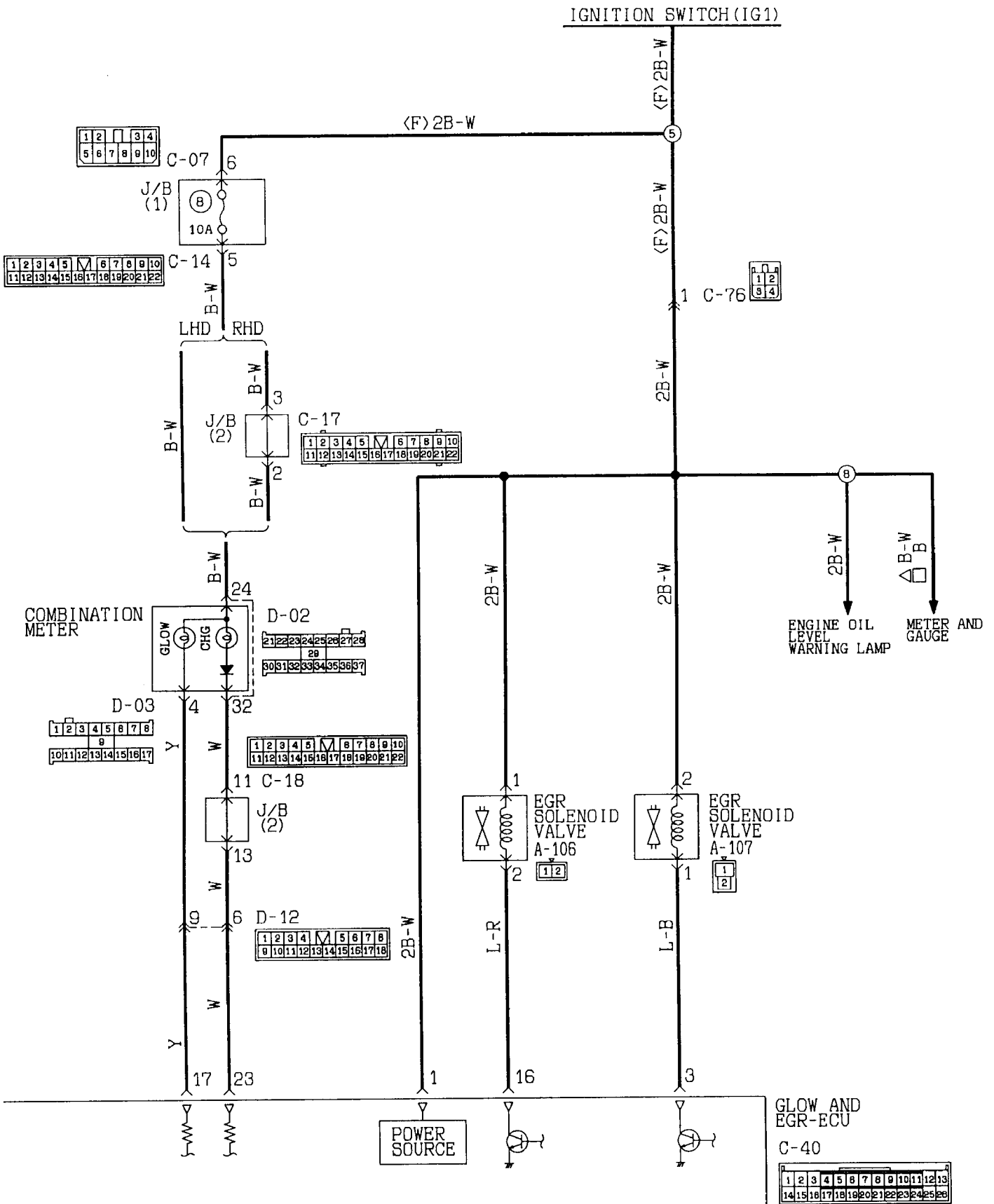
NOTES

GLOW SYSTEM <Vehicles with immobilizer system>

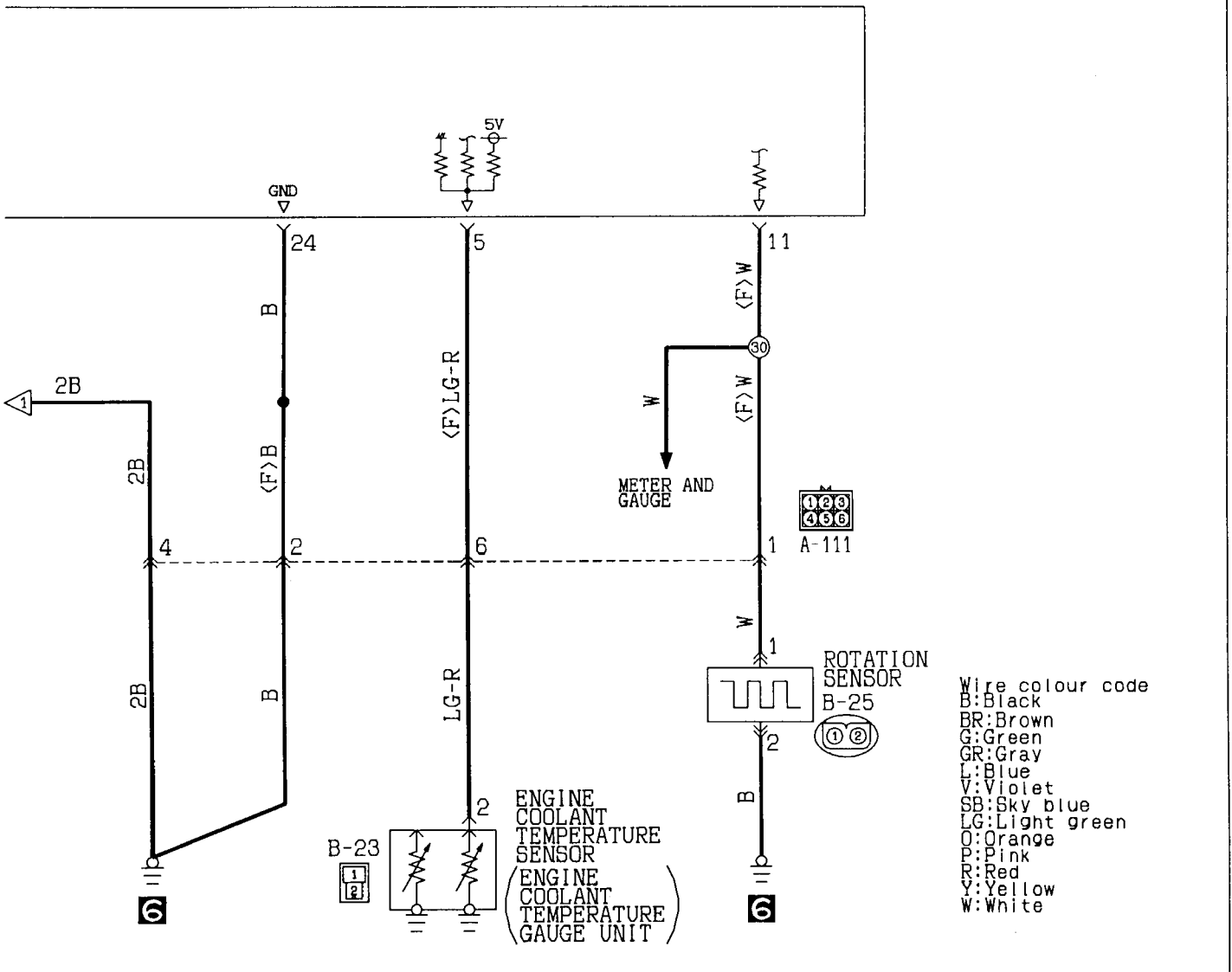


Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.

Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

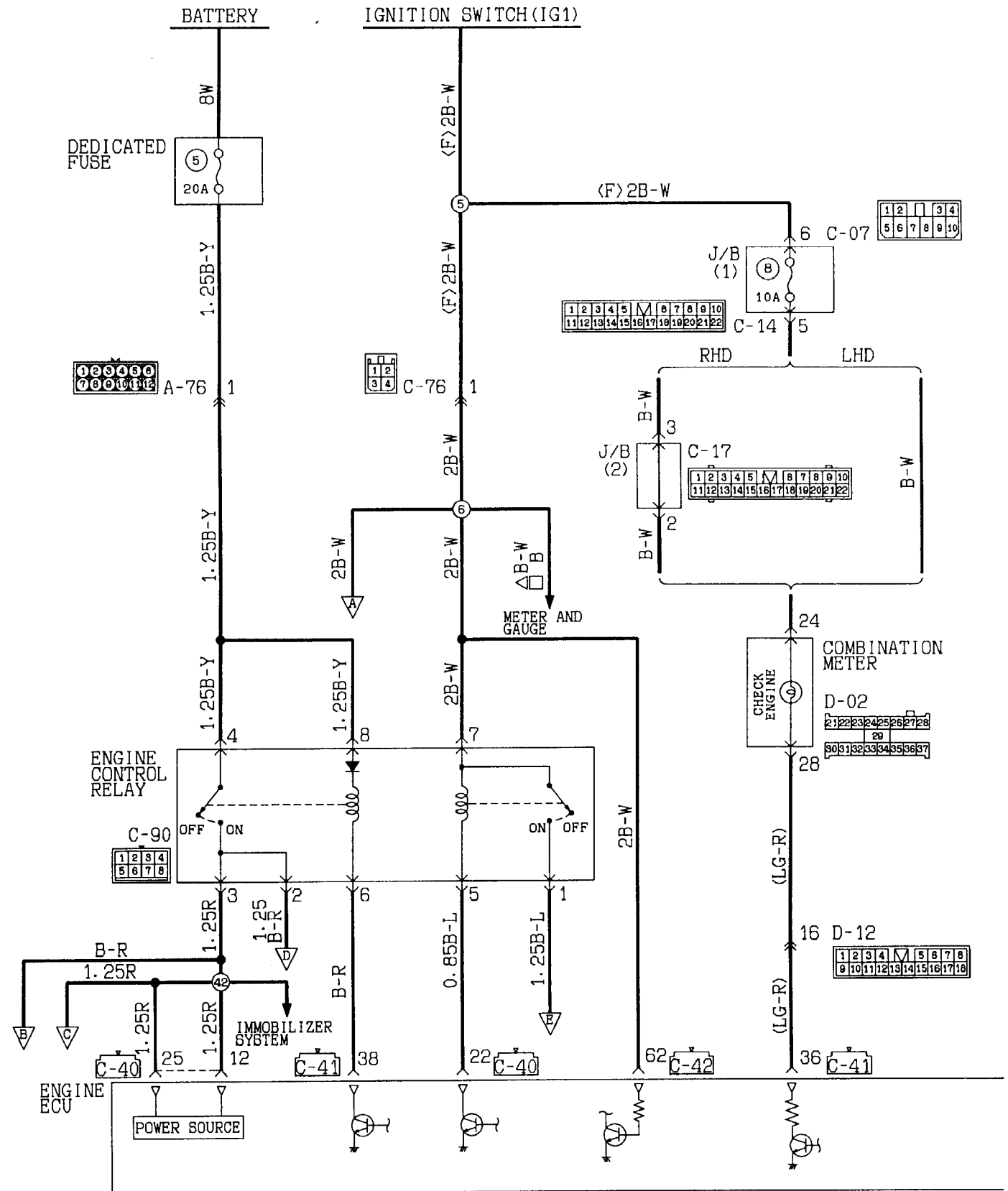






MPI SYSTEM

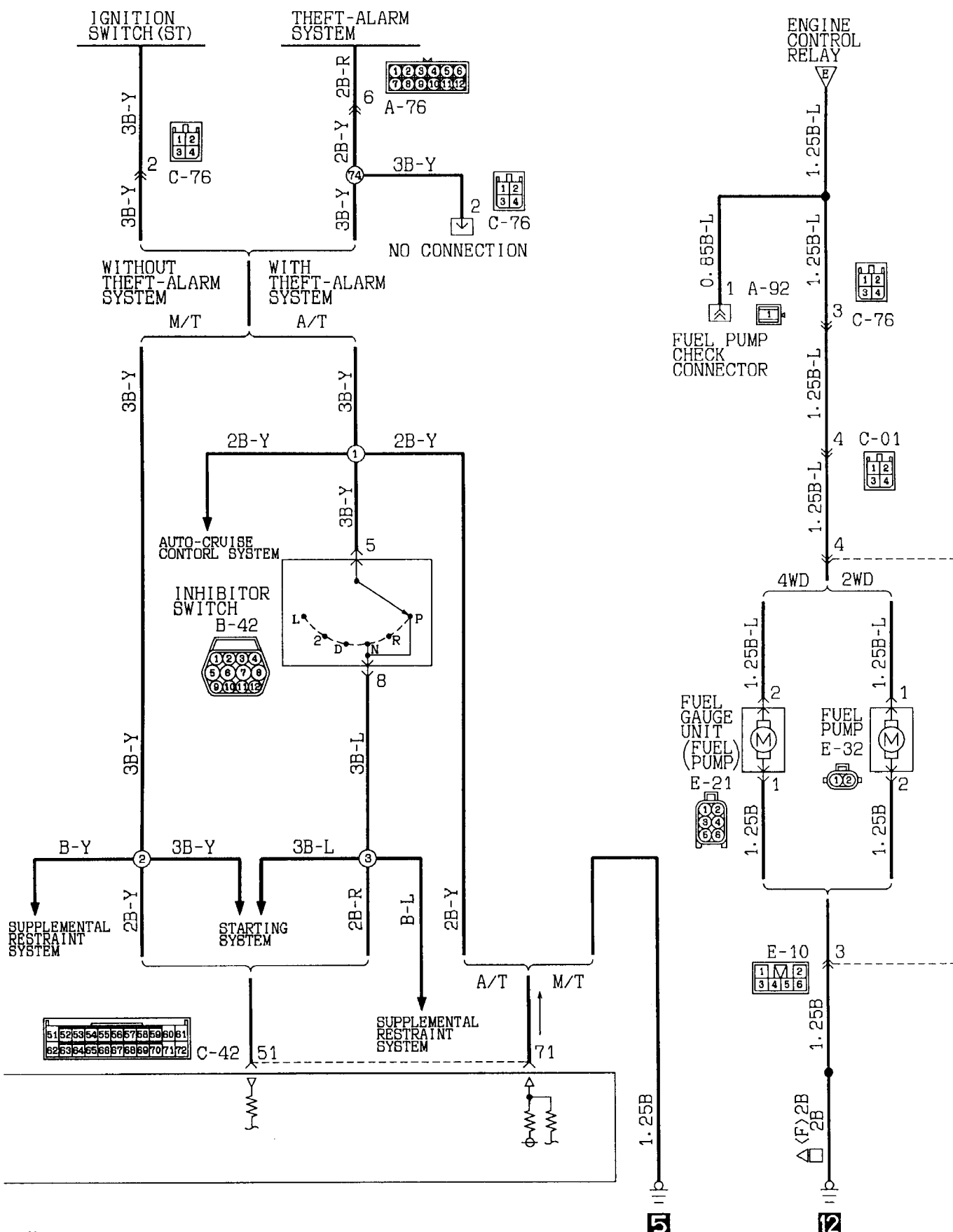
4G93, 4G63 <Vehicles with immobilizer system>



Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.

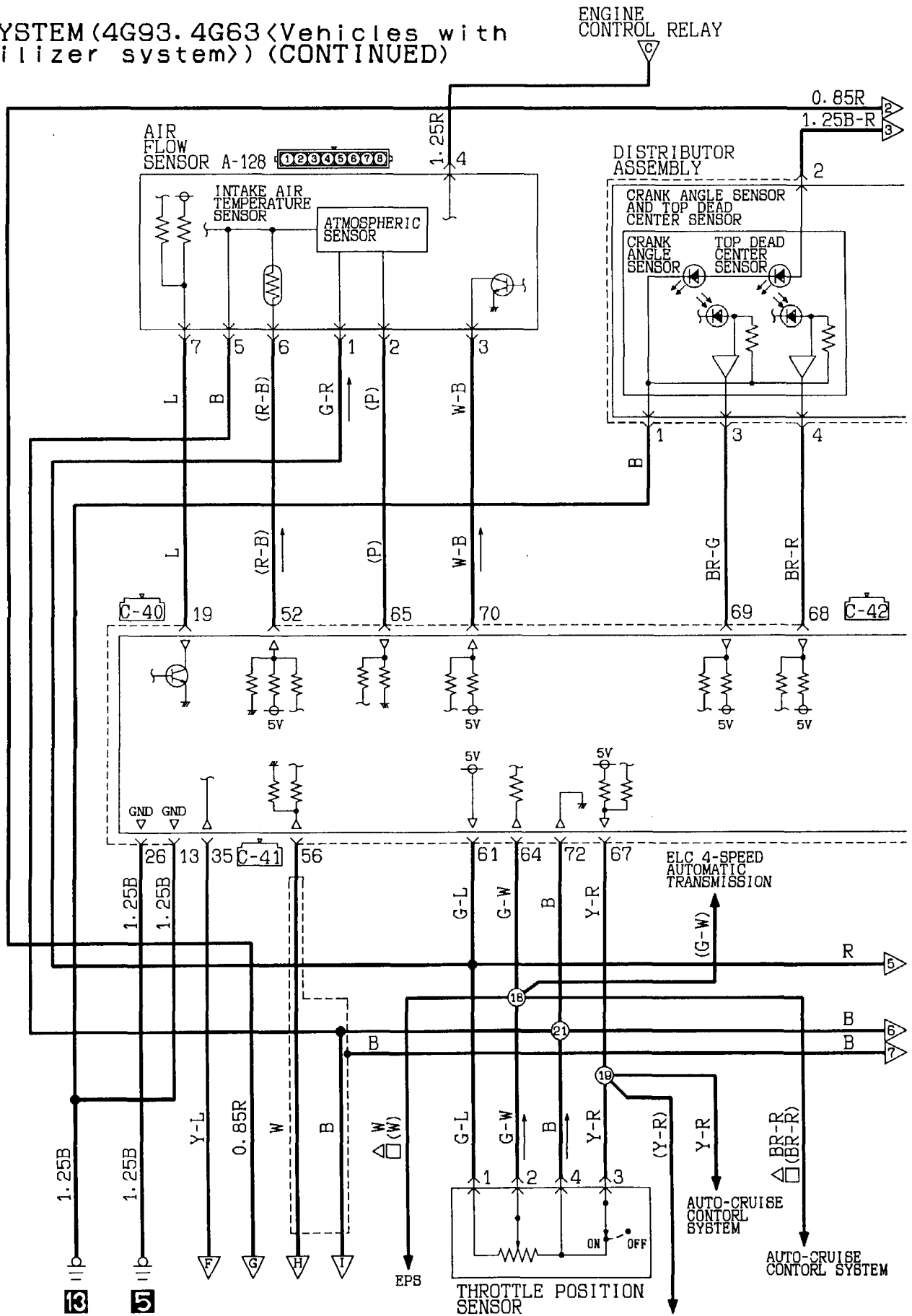




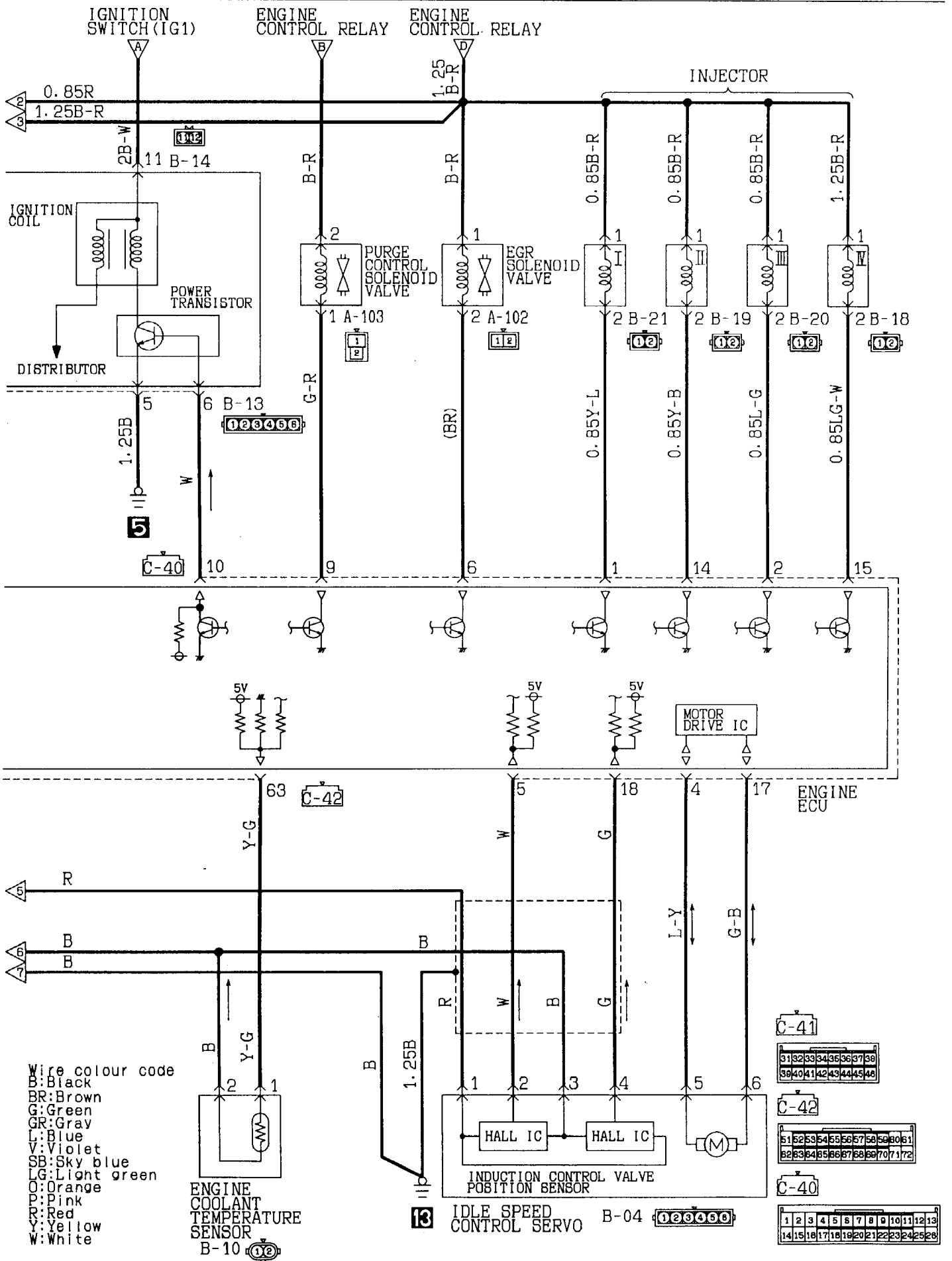


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow BB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

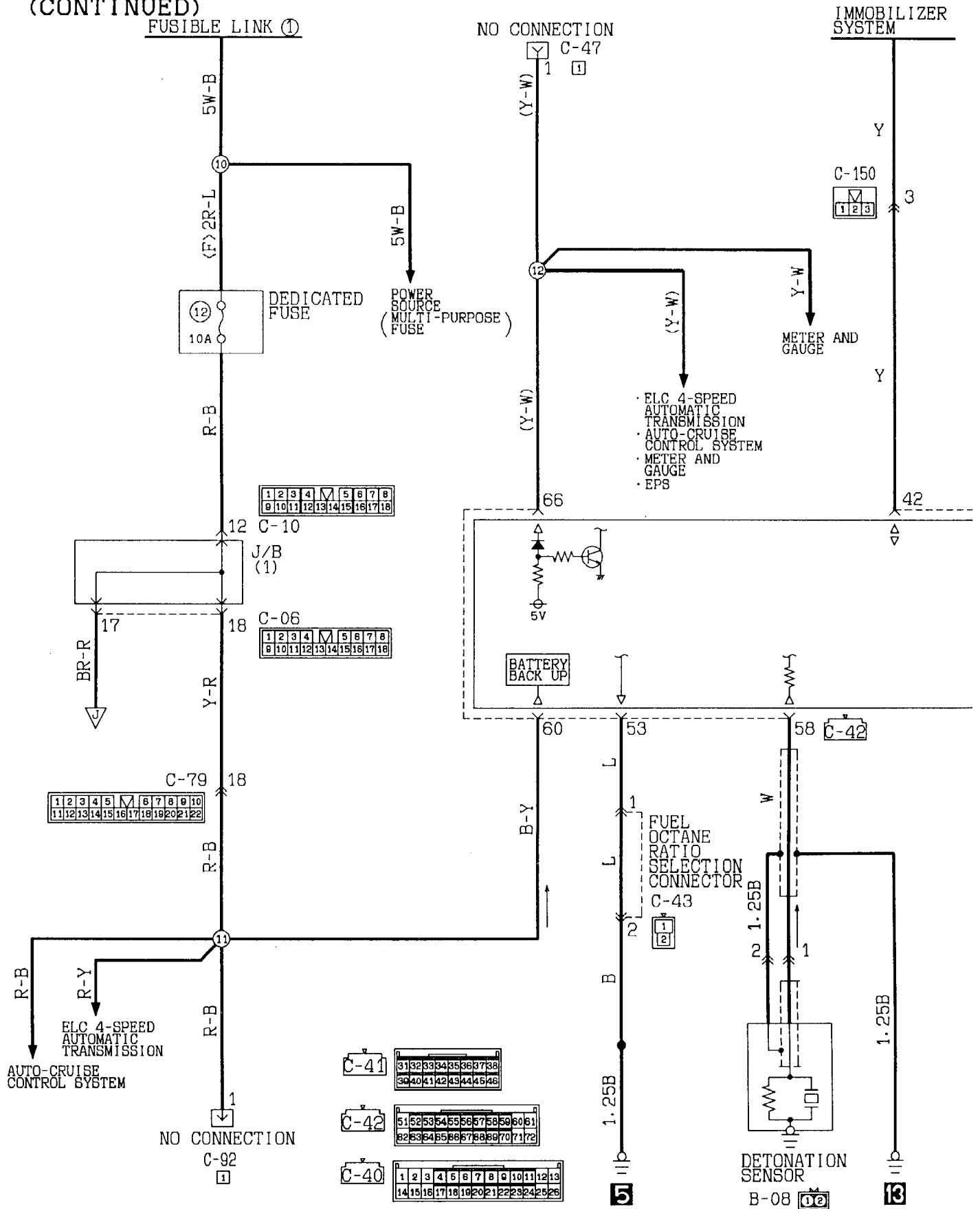
MPI SYSTEM (4G93, 4G63 (Vehicles with immobilizer system)) (CONTINUED)



Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.

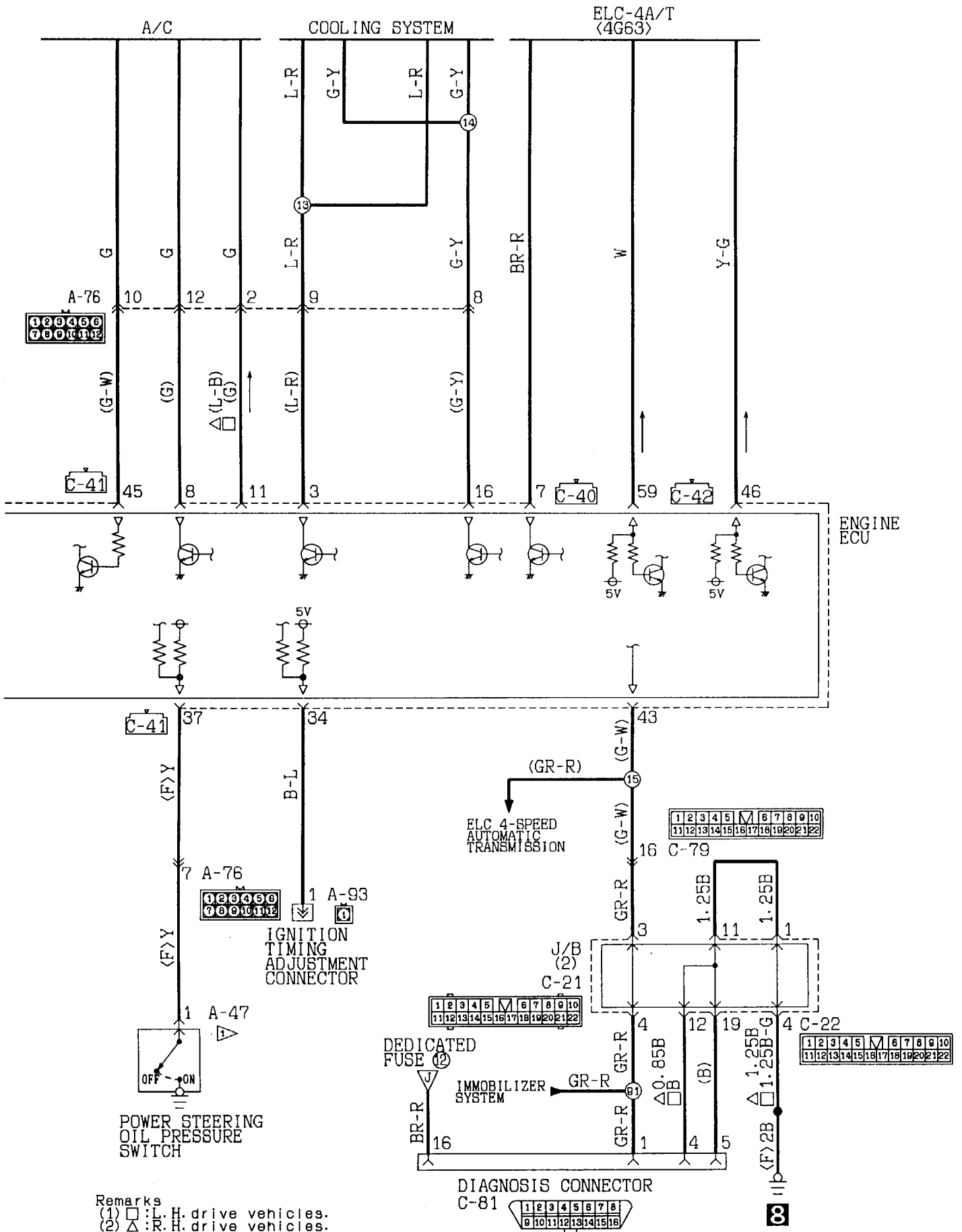


MPI SYSTEM (4G93. 4G63 (Vehicles with immobilizer system))  
(CONTINUED)

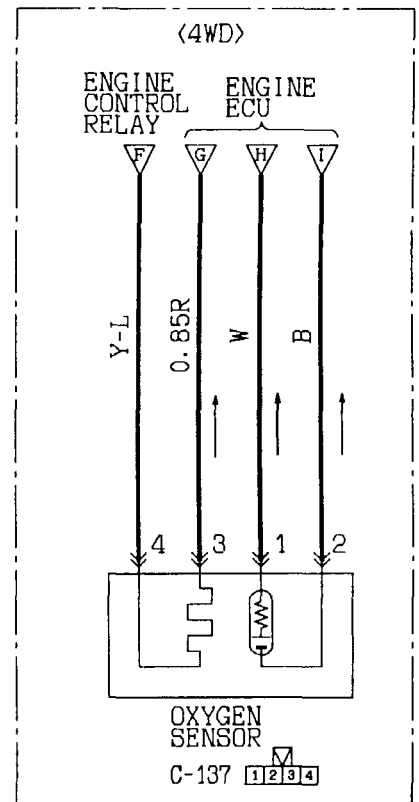
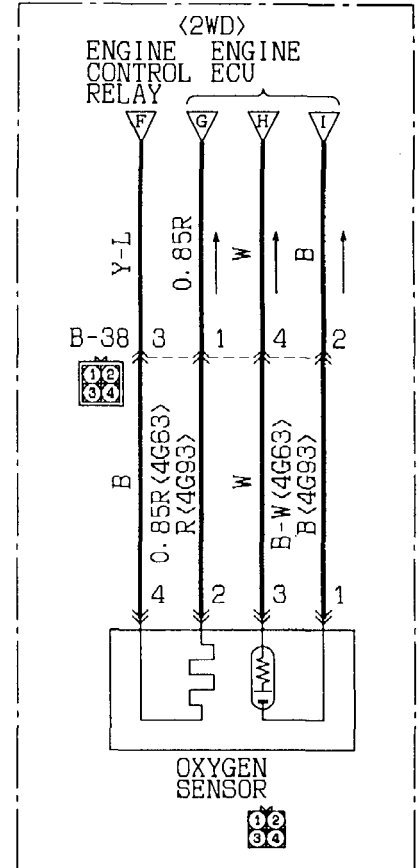
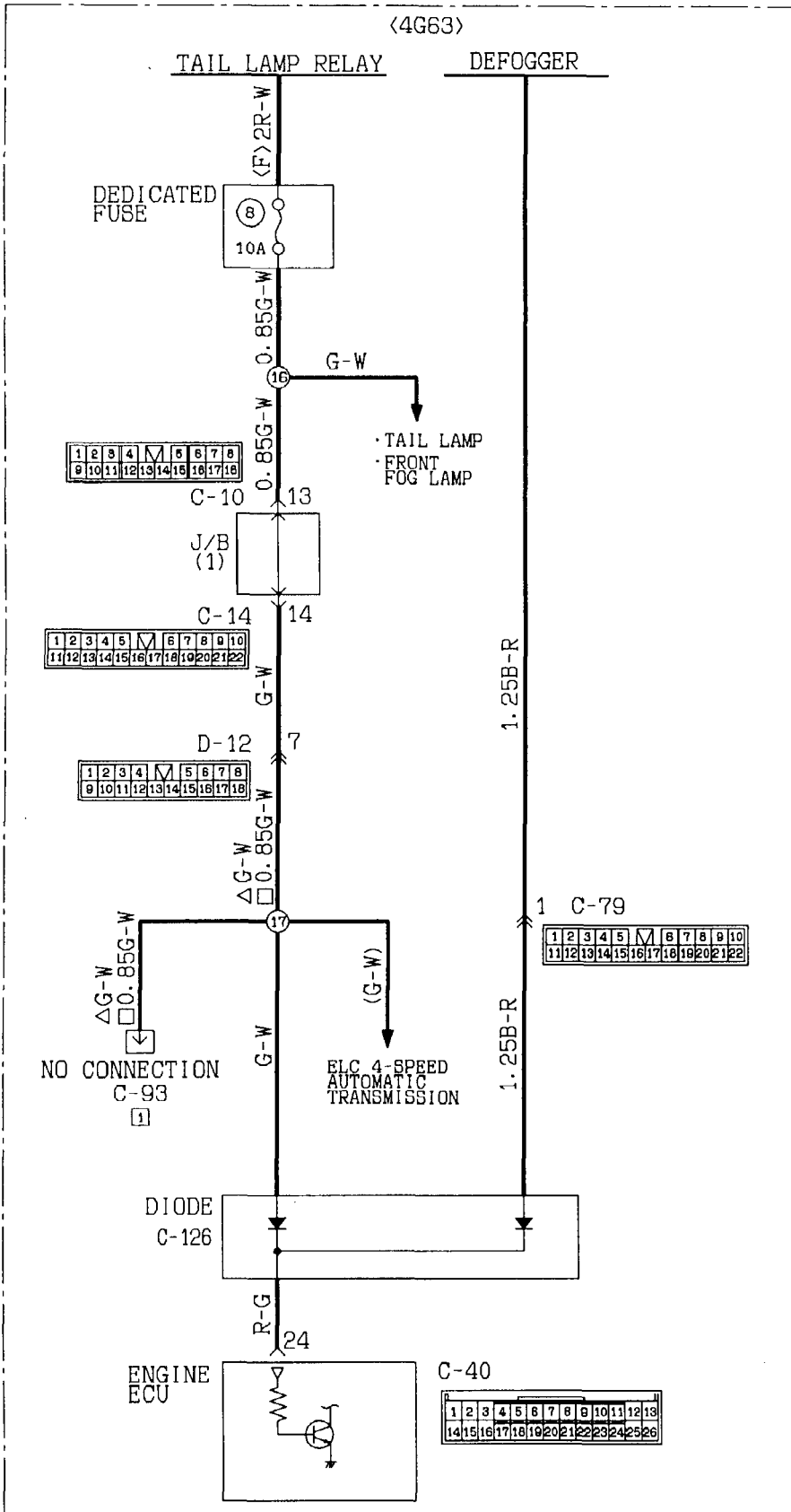


Wire colour code

B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



MPI SYSTEM (4G93, 4G63 (Vehicles with immobilizer system)) (CONTINUED)



Remarks  
(1) □: L. H. drive Vehicles.  
(2) Δ: R. H. drive Vehicles.

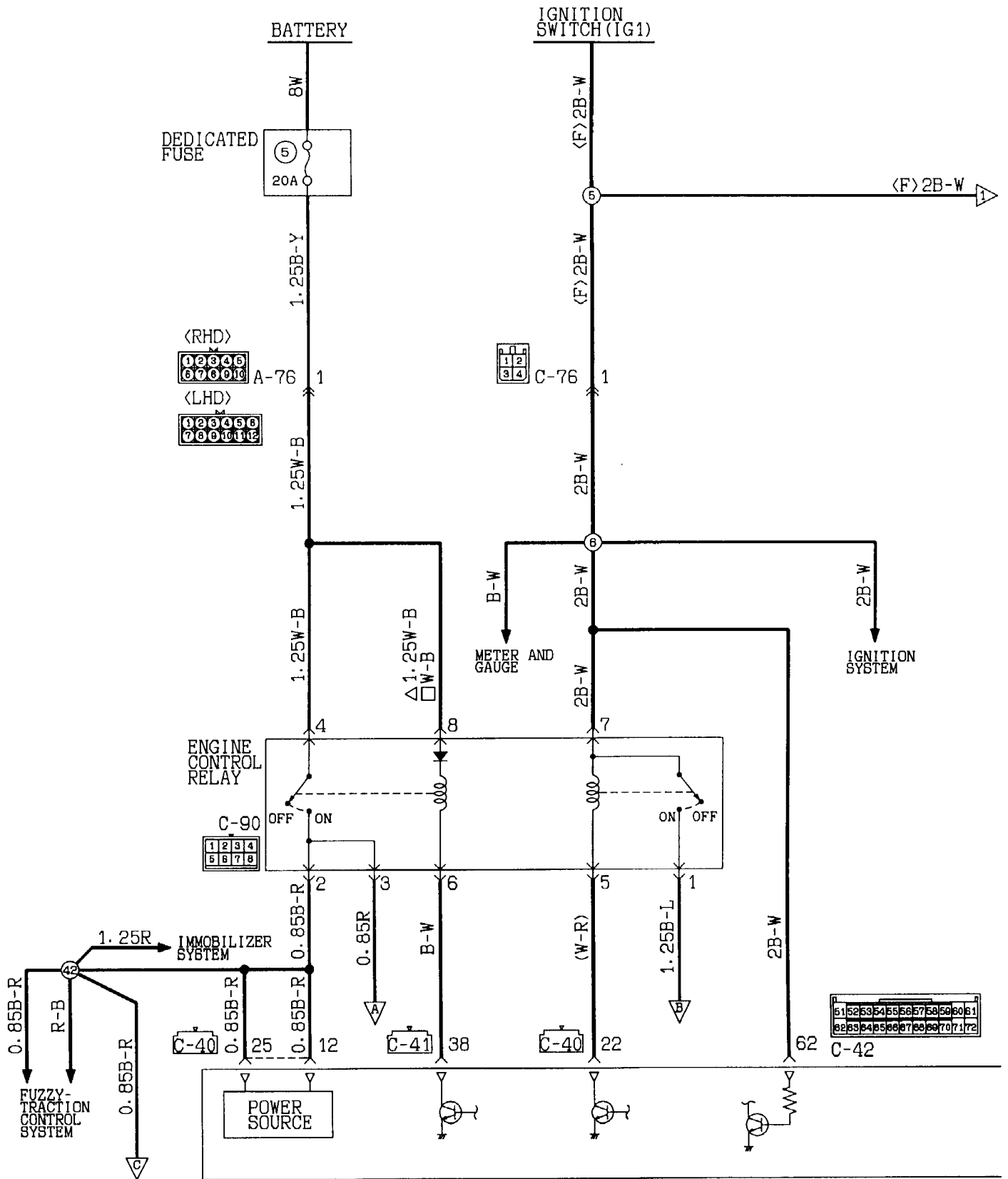
Wire colour code  
B: Black      LG: Light green      G: Green  
BR: Brown      O: Orange      GR: Gray  
W: White      SB: Sky blue      P: Pink  
V: Violet

L: Blue  
R: Red  
Y: Yellow

NOTES

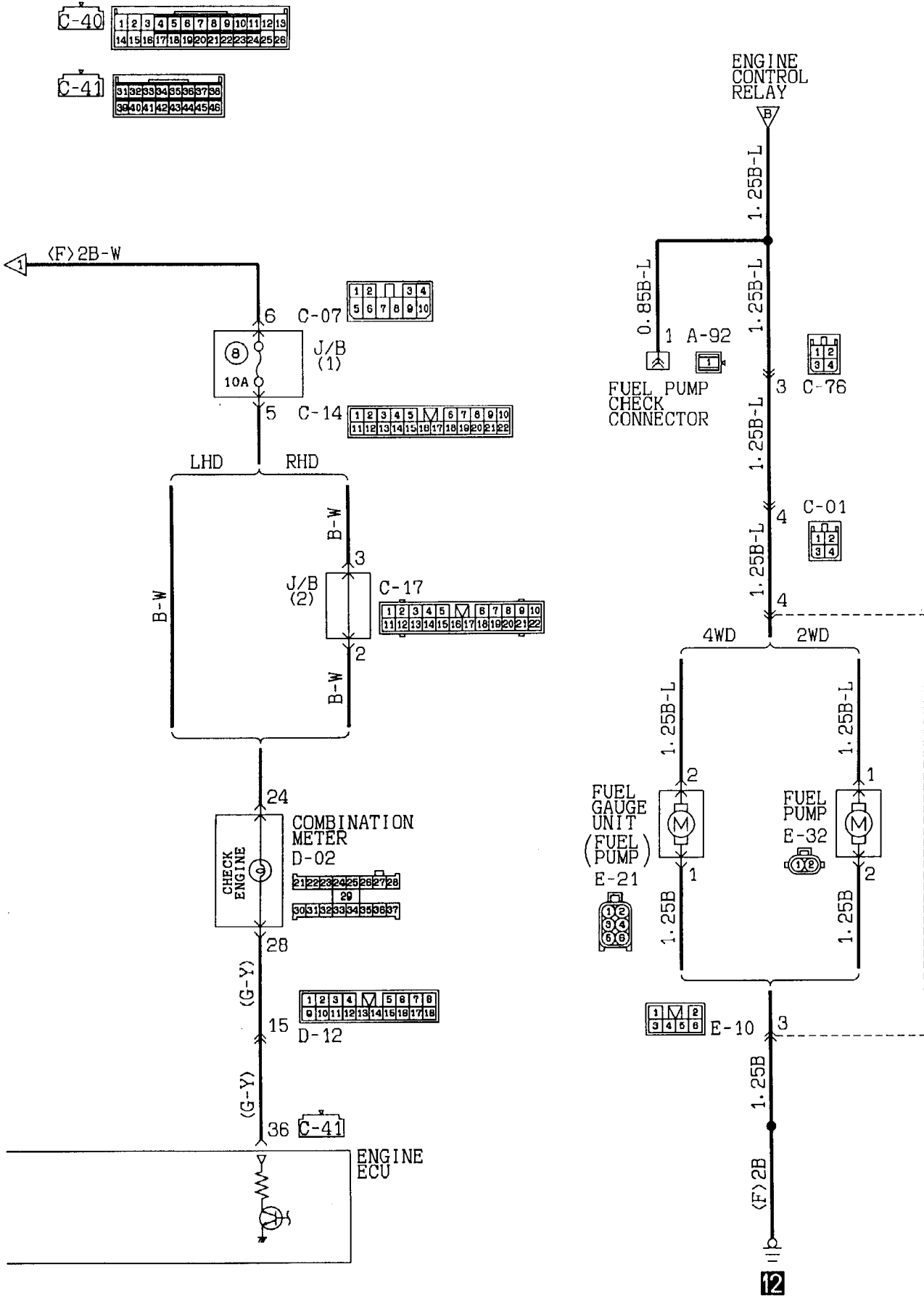
MPI SYSTEM

6A12, 6G73 <Vehicles with immobilizer system>



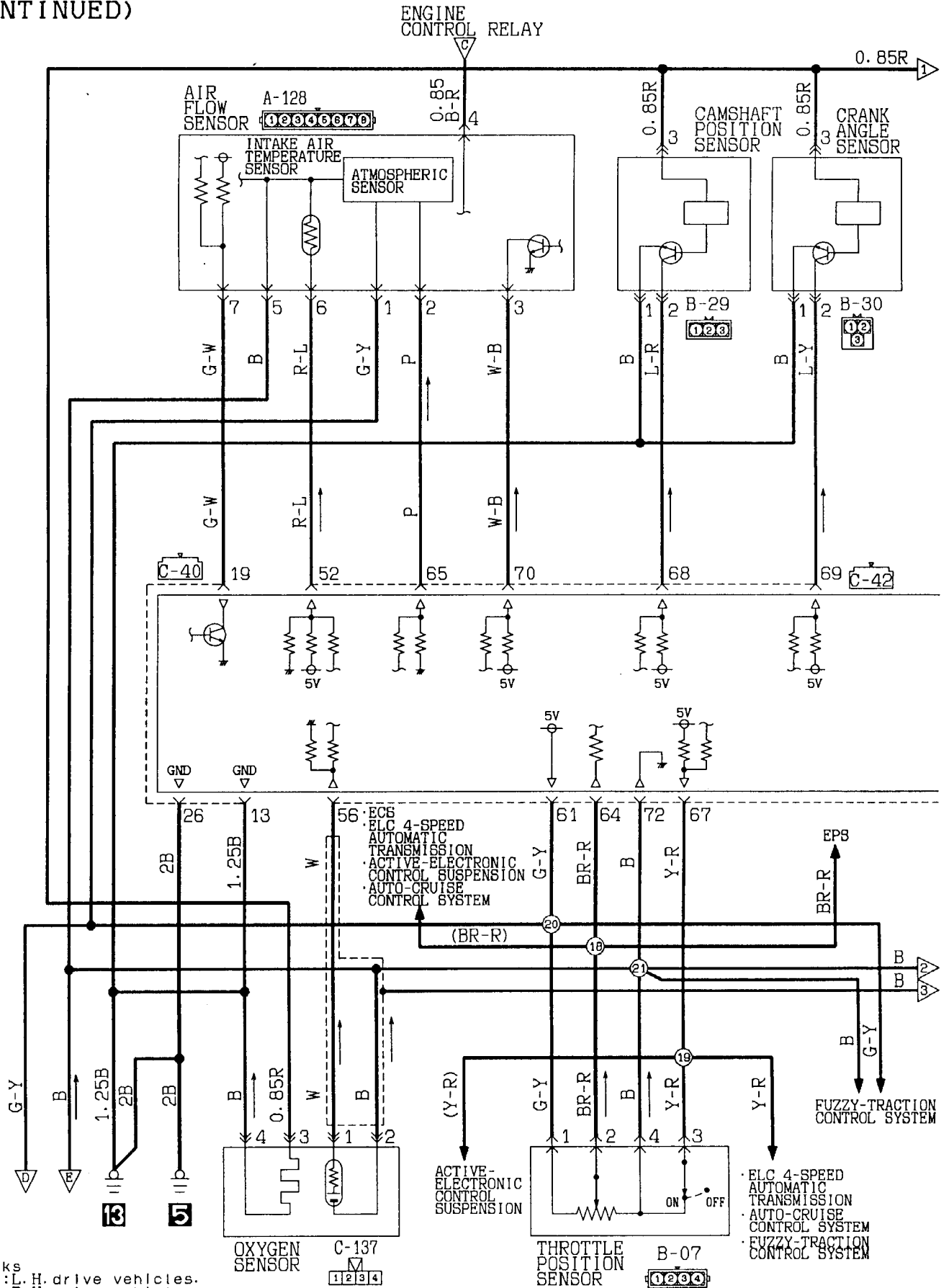
Remarks  
 (1) □ : L. H. drive vehicles.  
 (2) △ : R. H. drive vehicles.



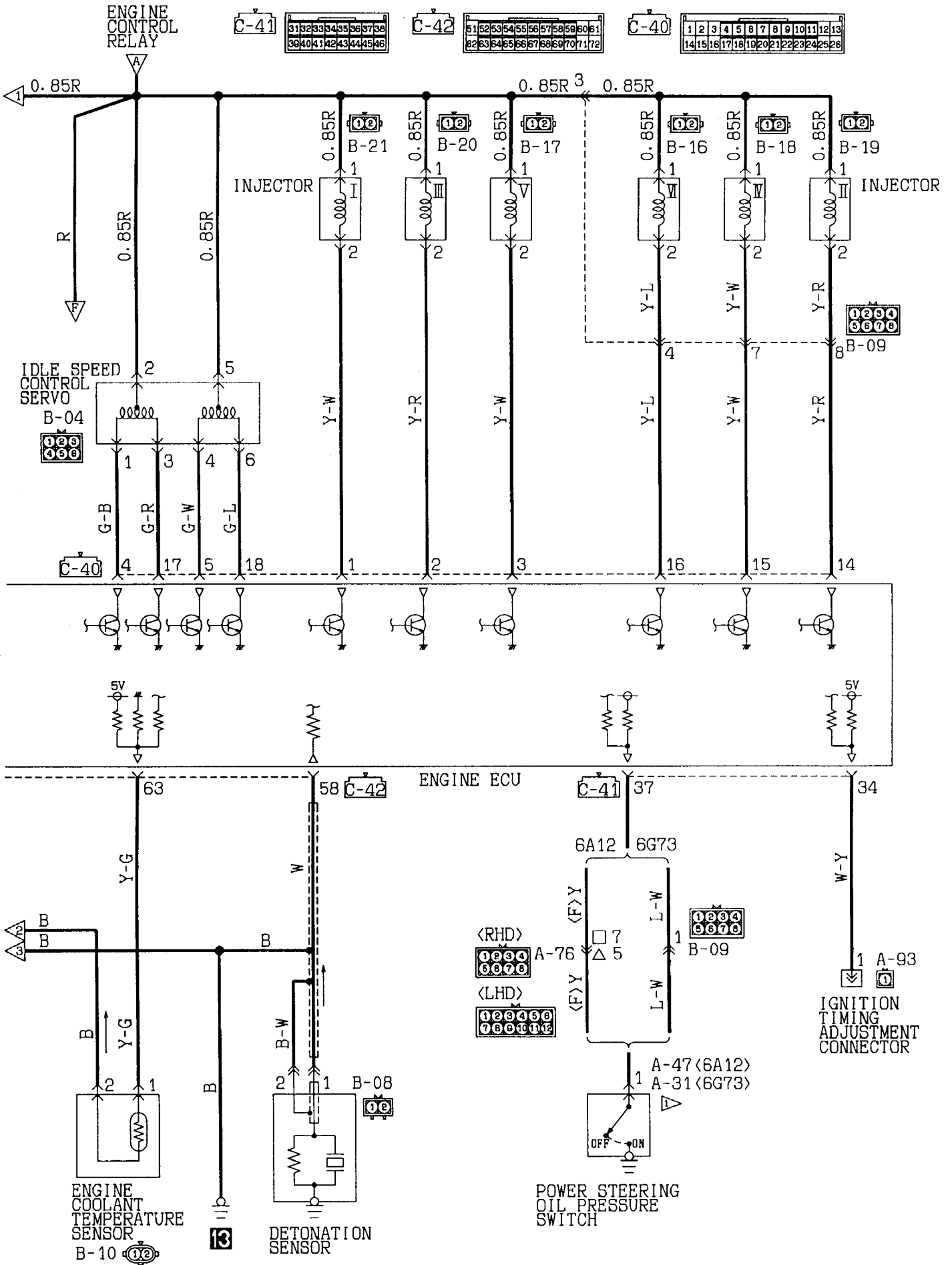


Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

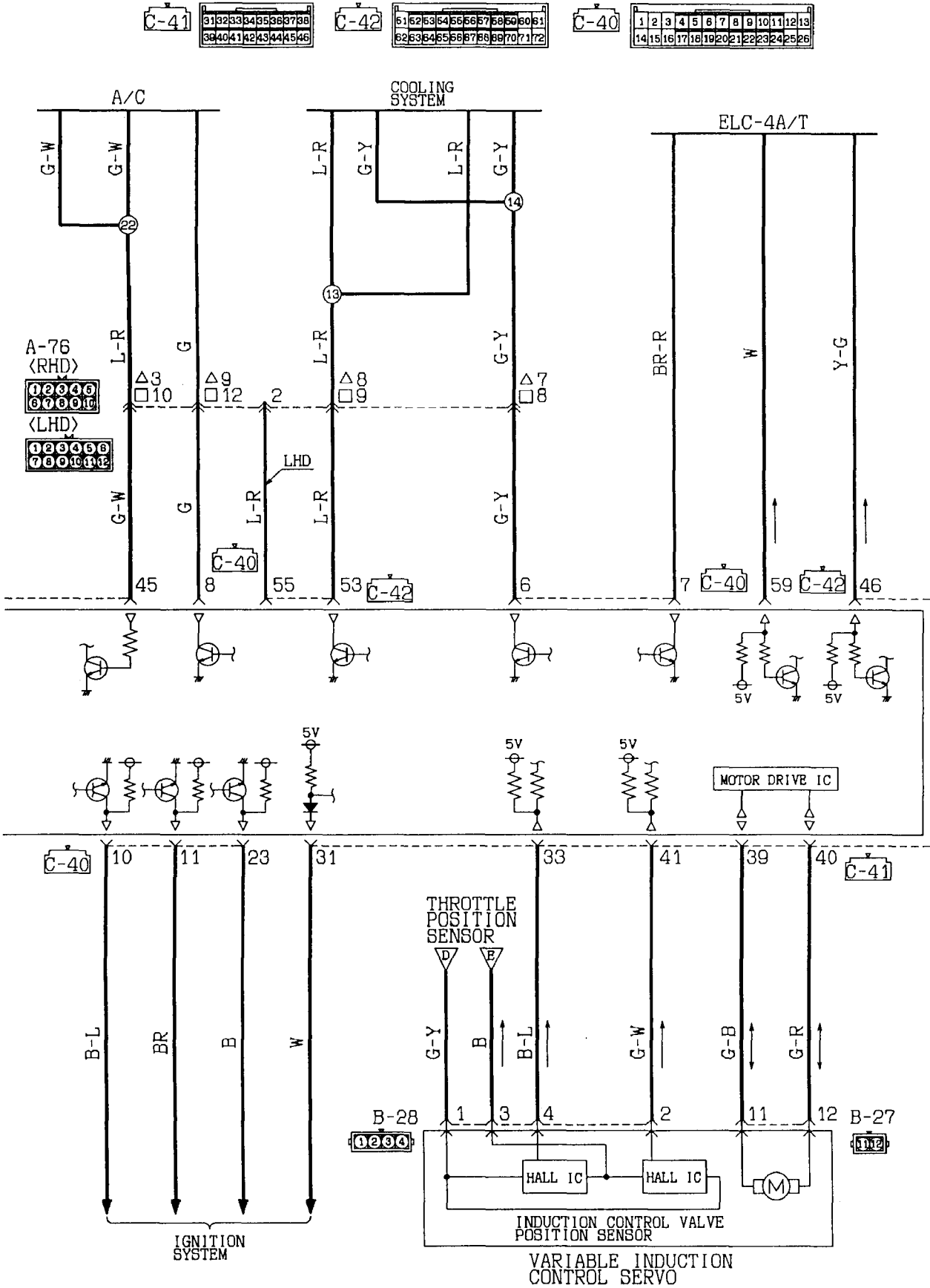
MPI SYSTEM (6A12.6G73 (Vehicles with immobilizer system))  
(CONTINUED)



Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.

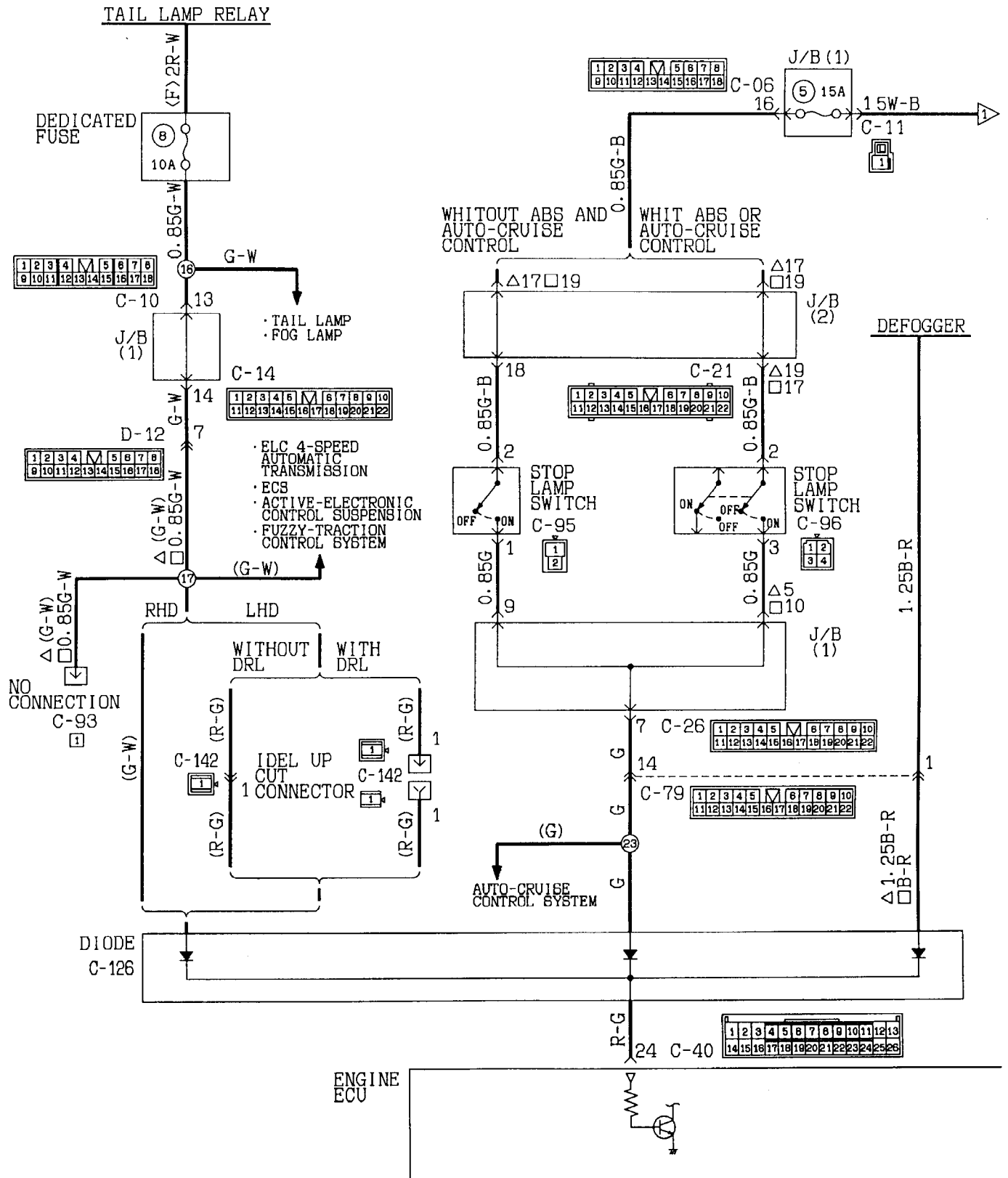






Wire colour code  
 B:Black    LG:Light green    G:Green    L:Blue    W:White    Y:Yellow    SB:Sky blue  
 BR:Brown    O:Orange    GR:Gray    R:Red    P:Pink    V:Violet

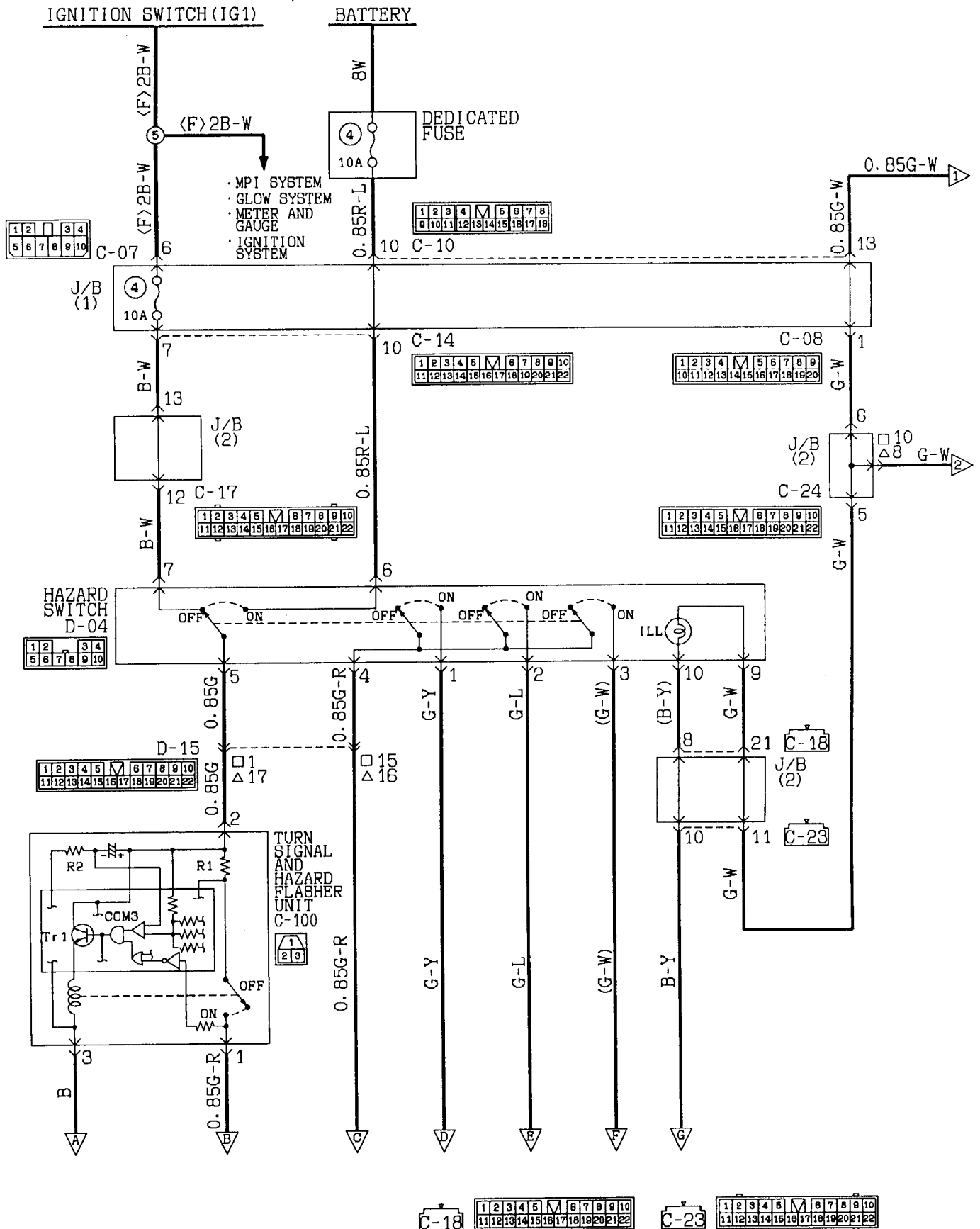
MPI SYSTEM (6A12. 6G73 <Vehicles with immobilizer system>) (CONTINUED)



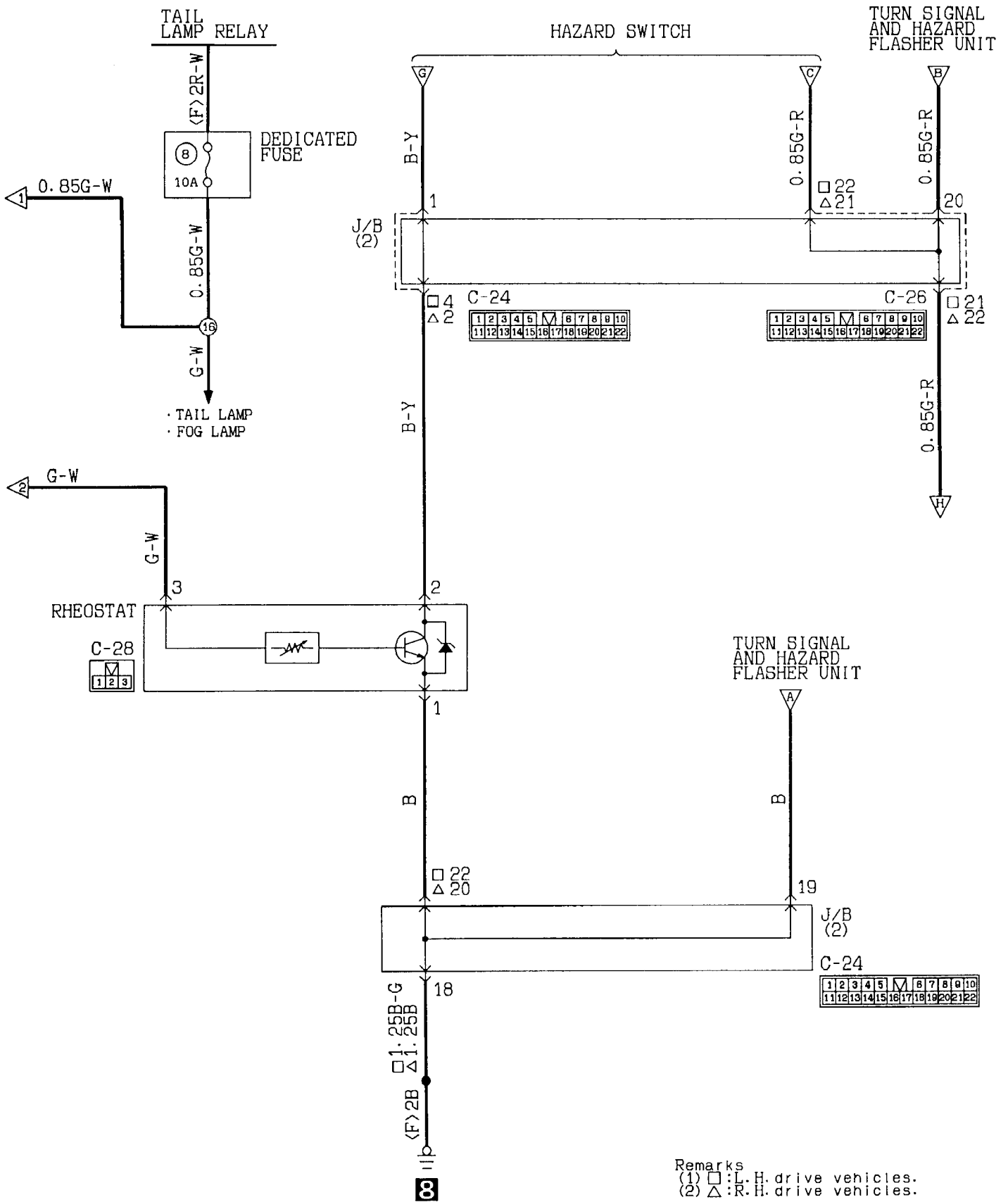
Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.



TURN-SIGNAL LAMP AND HAZARD LAMP



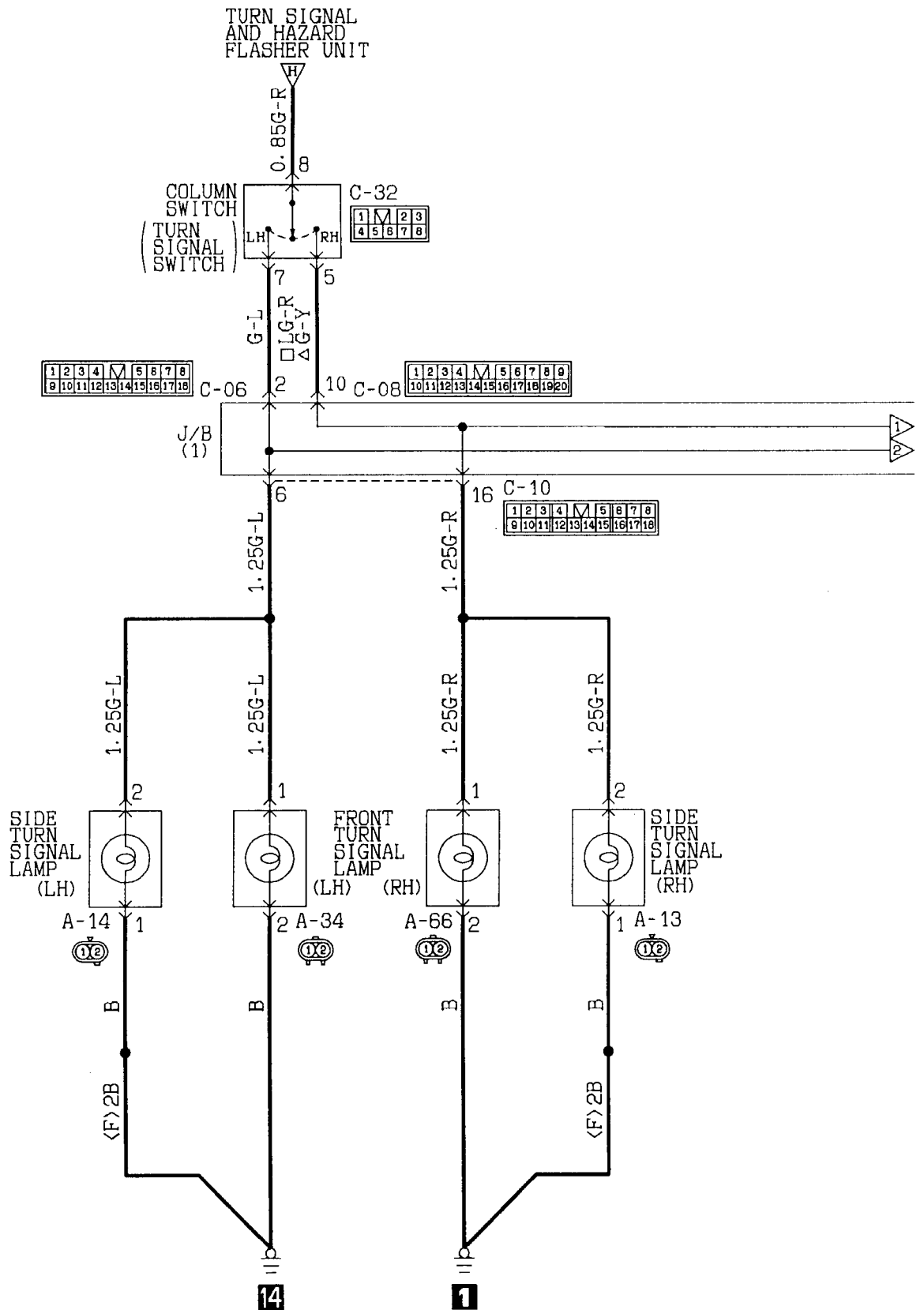




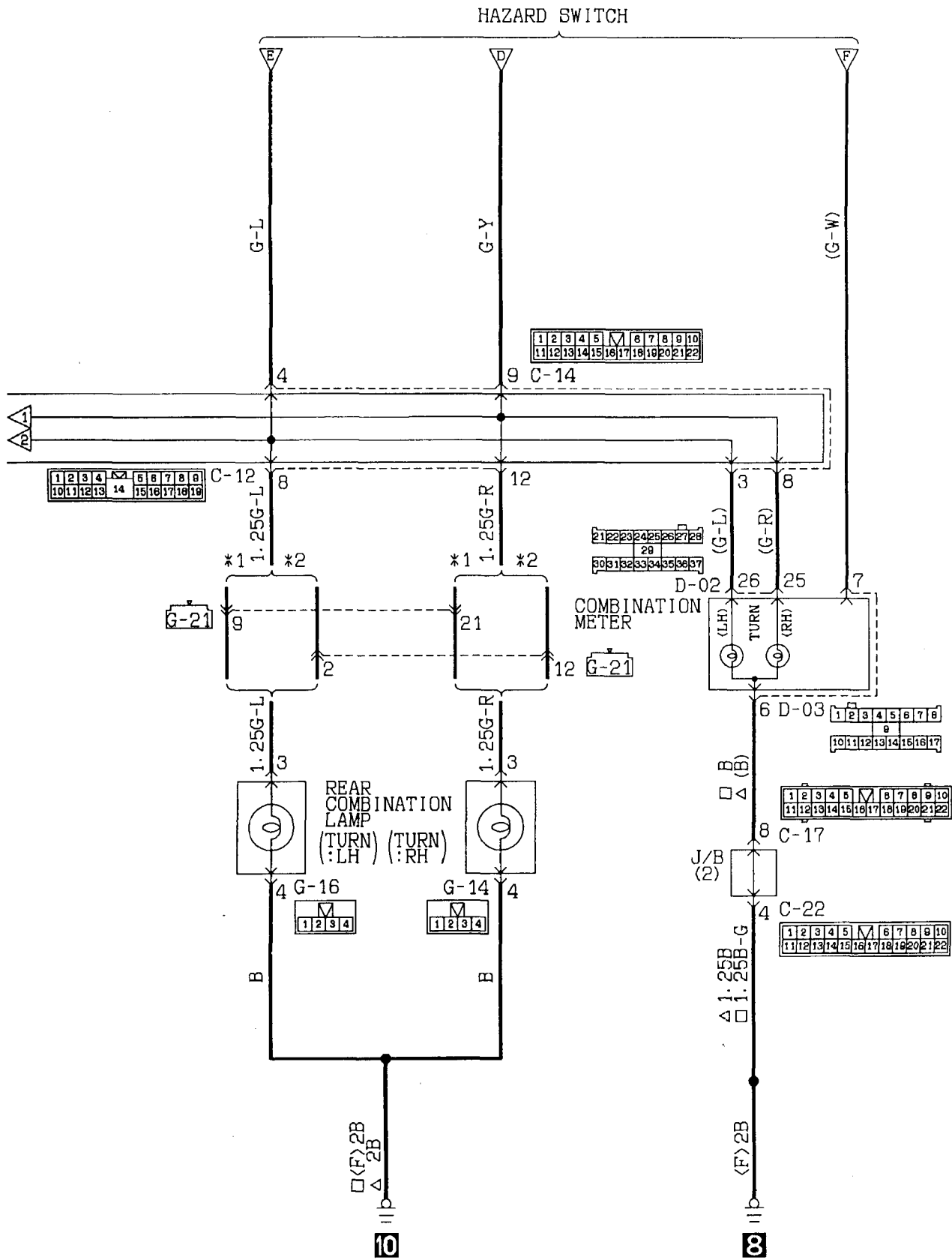
Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.

Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

TURN-SIGNAL AND HAZARD LAMP (CONTINUED)



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

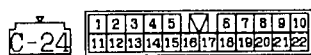
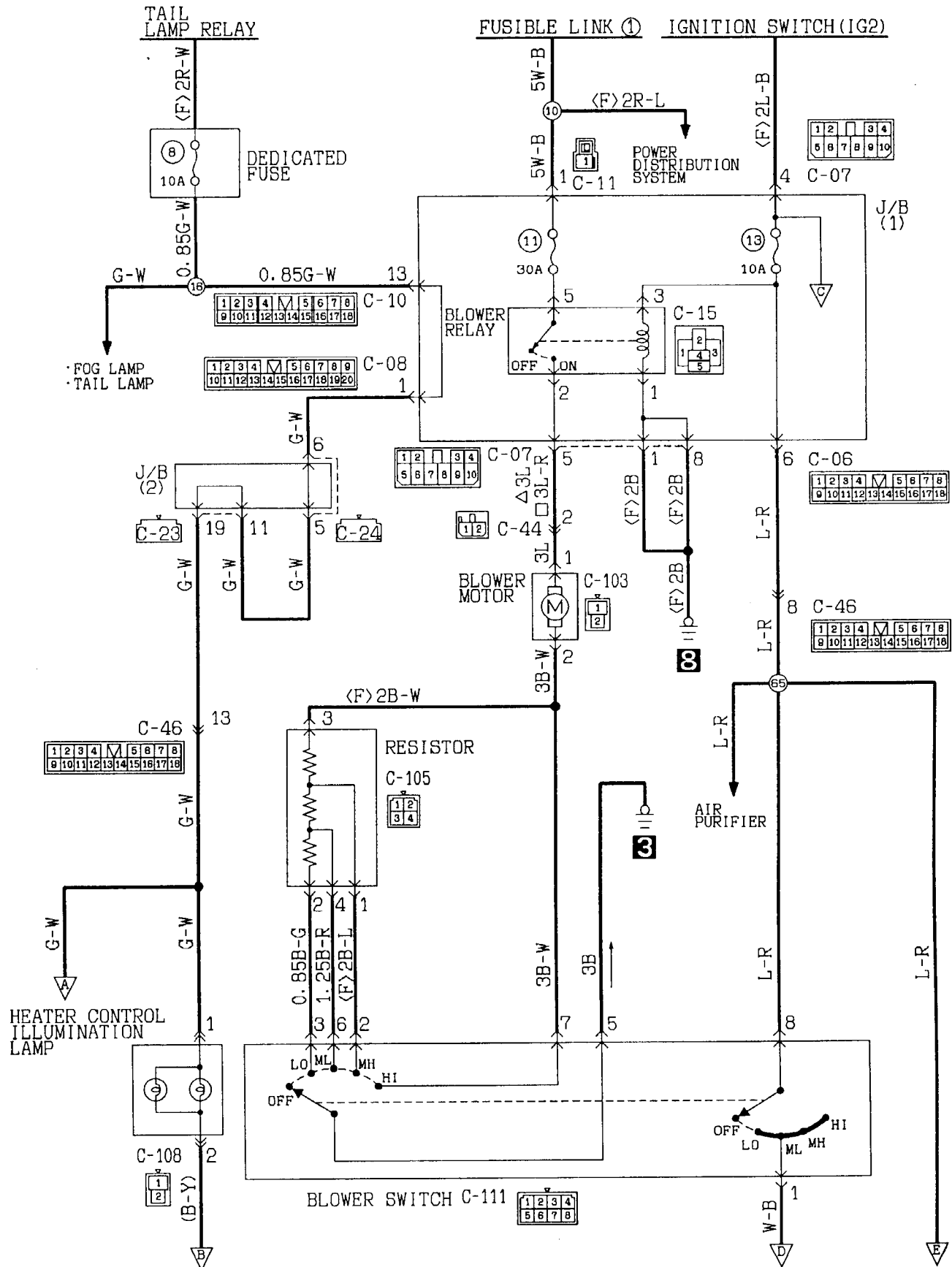


Remarks  
 (1) \*1: SEDAN.  
 (2) \*2: HATCHBACK.  
 (3) □: L.H. drive vehicles.  
 (4) △: R.H. drive vehicles.



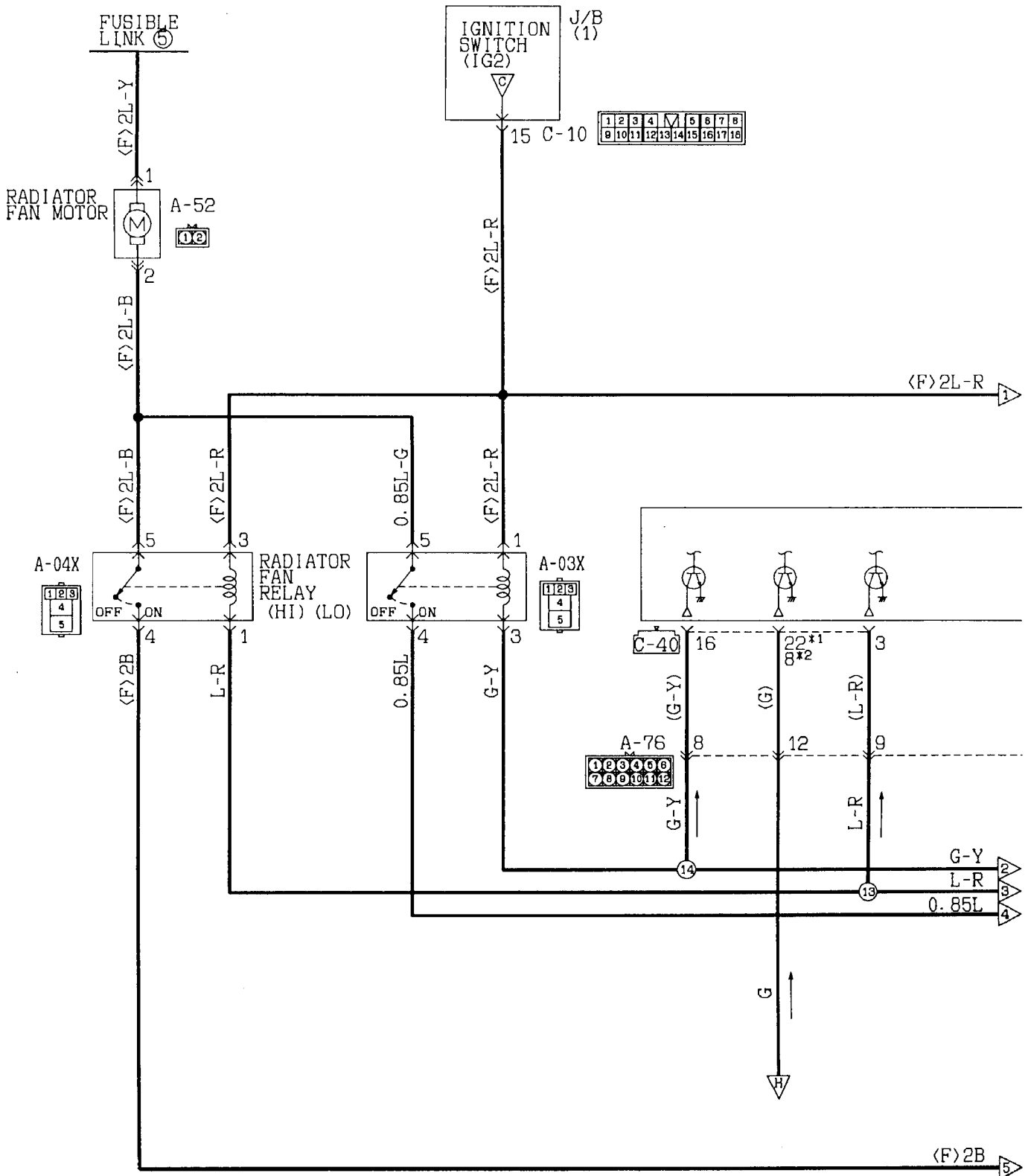
# HEATER AND MANUAL AIR CONDITIONER

Petrol-powered vehicles (2WD)





HEATER AND MANUAL AIR CONDITIONER  
(Petrol-powered vehicles<2WD>) (CONTINUED)



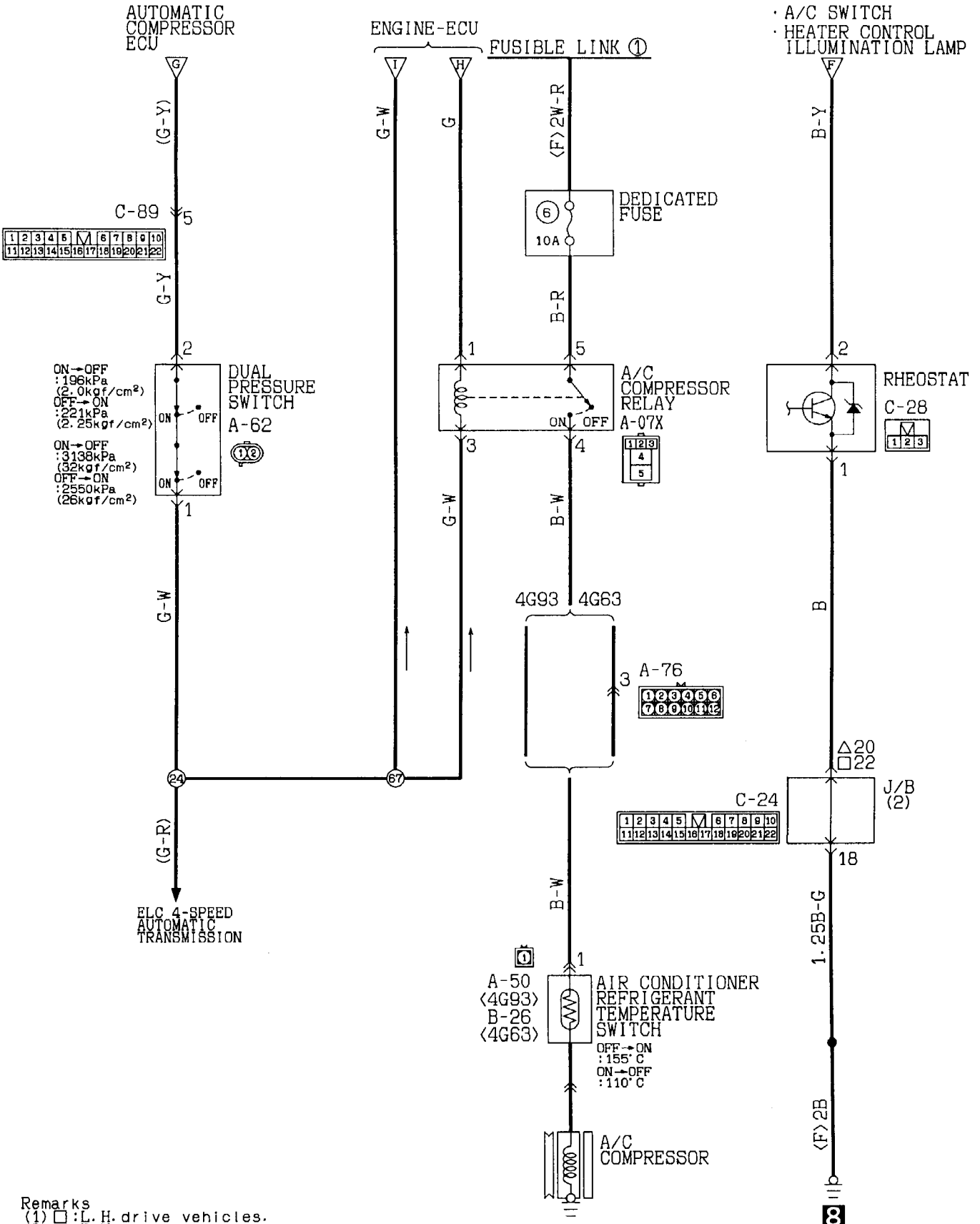
Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.  
 (3) \*1: Vehicles without immobilizer system.  
 (4) \*2: Vehicles with immobilizer system.

|      |    |    |    |    |    |    |    |    |    |    |    |    |
|------|----|----|----|----|----|----|----|----|----|----|----|----|
| C-40 |    |    |    |    |    |    |    |    |    |    |    |    |
| 1    | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 14   | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

Wire colour code  
 B:Black    LG:Light green    G:Green    L:Blue    W:White    Y:Yellow    SB:Sky blue  
 BR:Brown    O:Orange    GR:Gray    R:Red    P:Pink    V:Violet



HEATER AND MANUAL AIR CONDITIONER  
(Petrol-powered vehicles <2WD>) (CONTINUED)



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

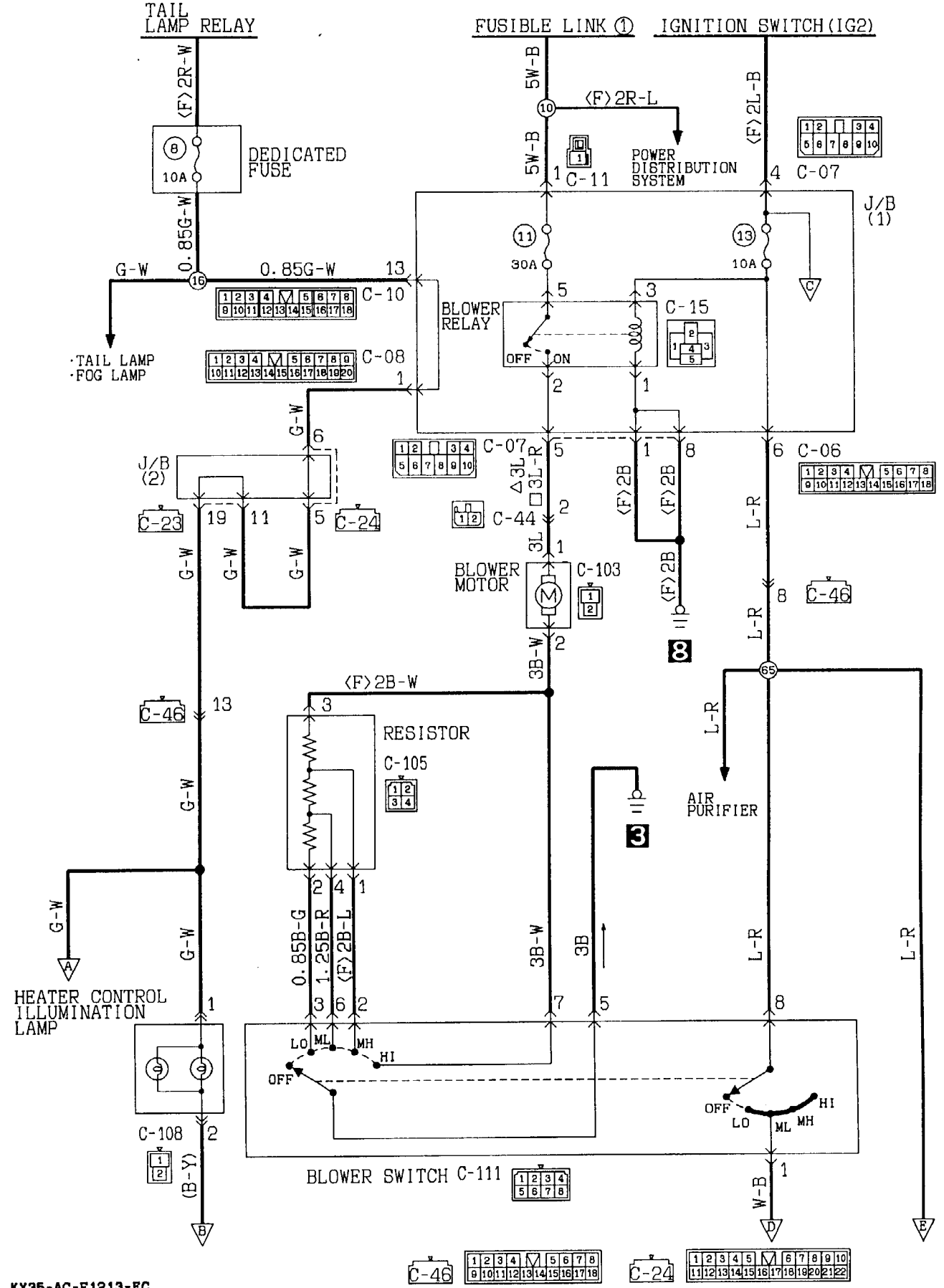


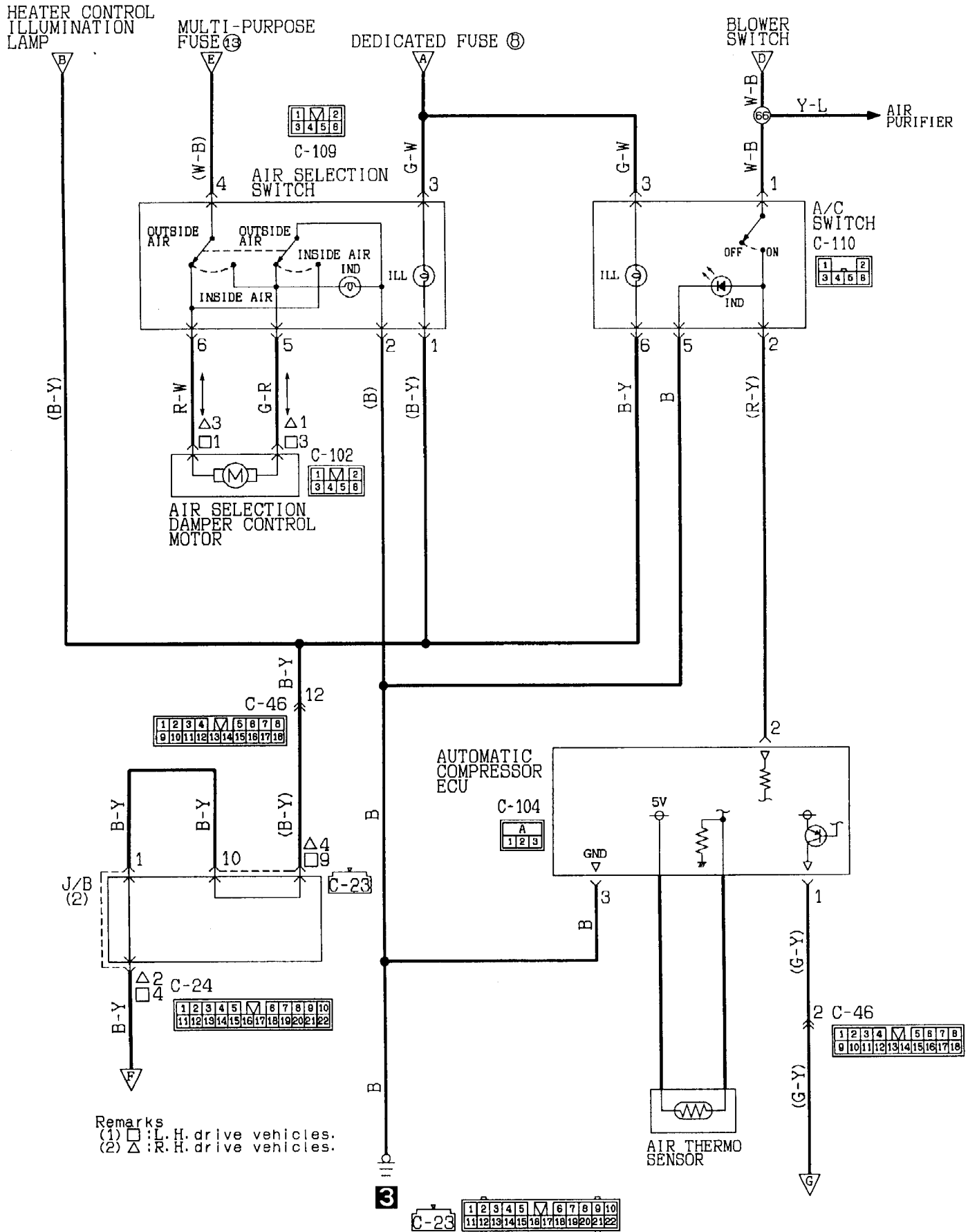
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NOTES

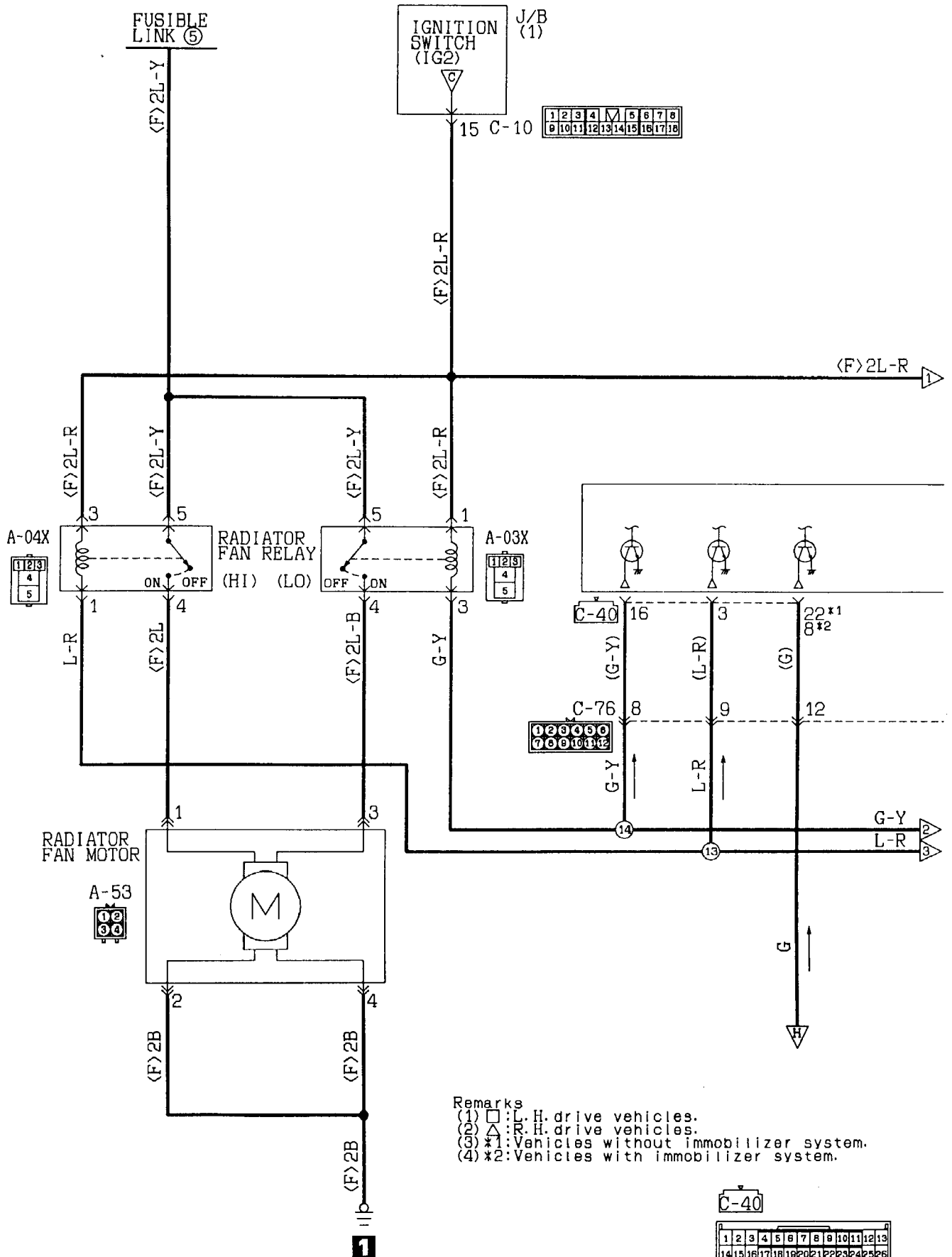
# HEATER AND MANUAL AIR CONDITIONER

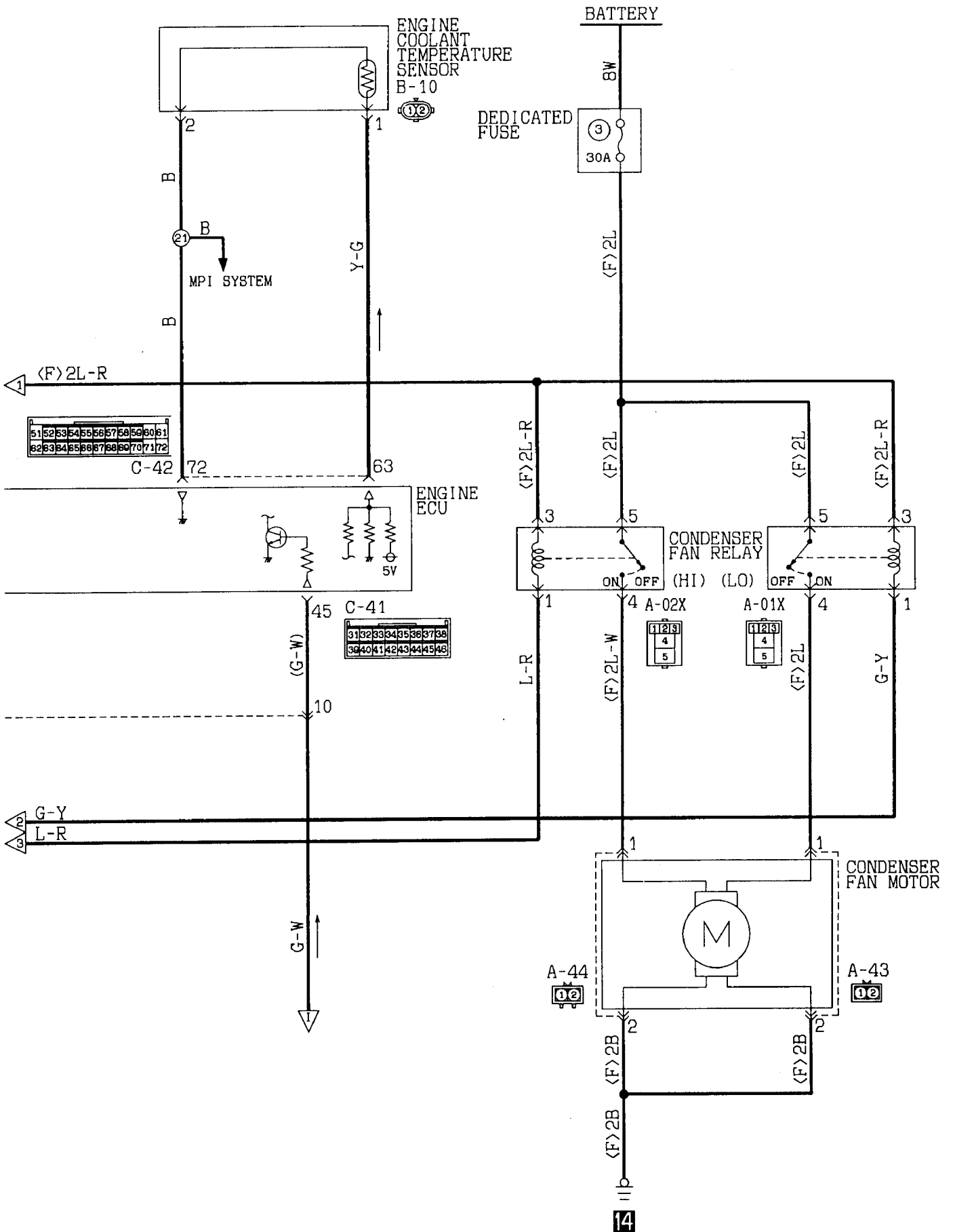
Petrol-powered vehicles (4WD)



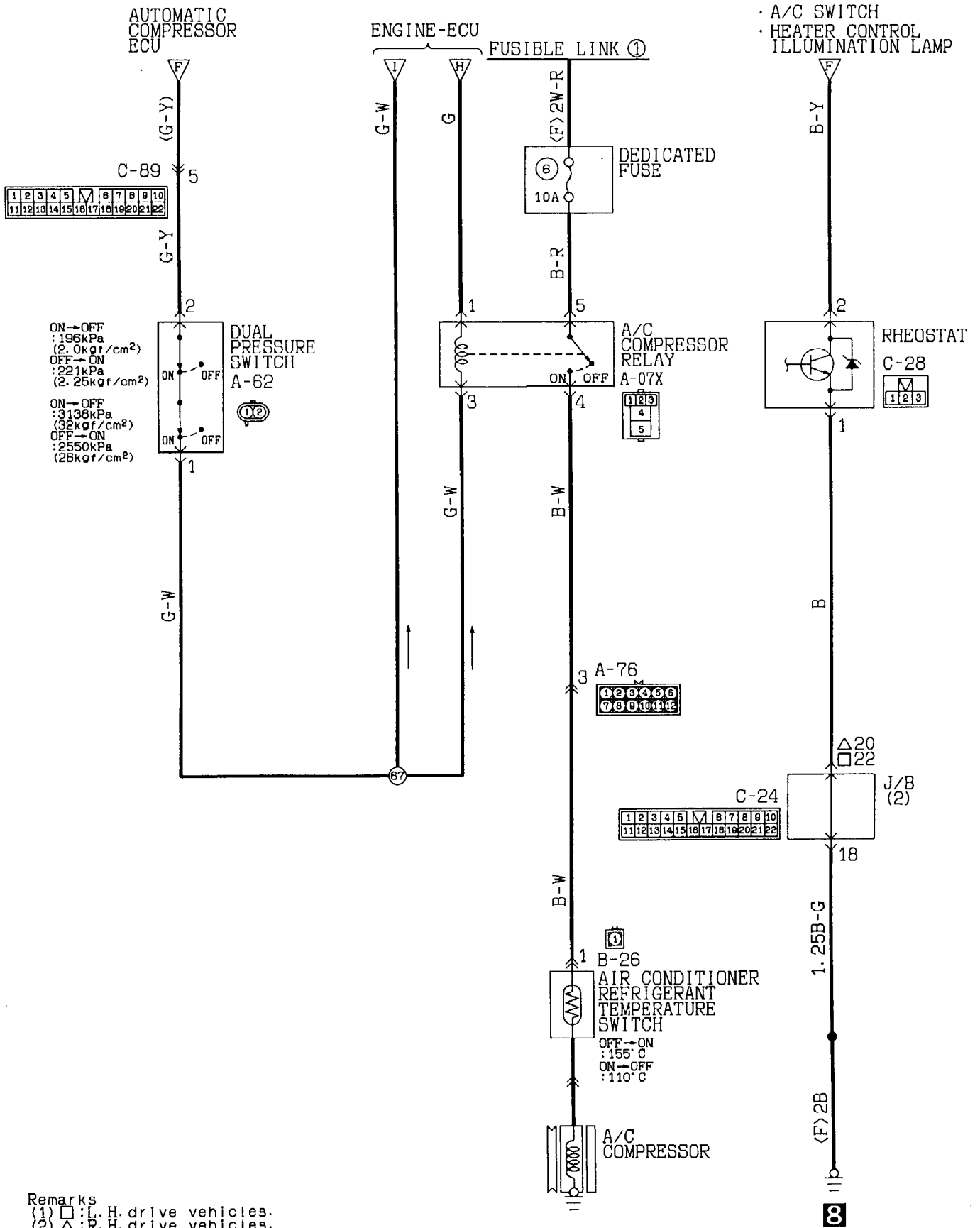


HEATER AND MANUAL AIR CONDITIONER  
(Petrol-powered vehicles<4WD>) (CONTINUED)





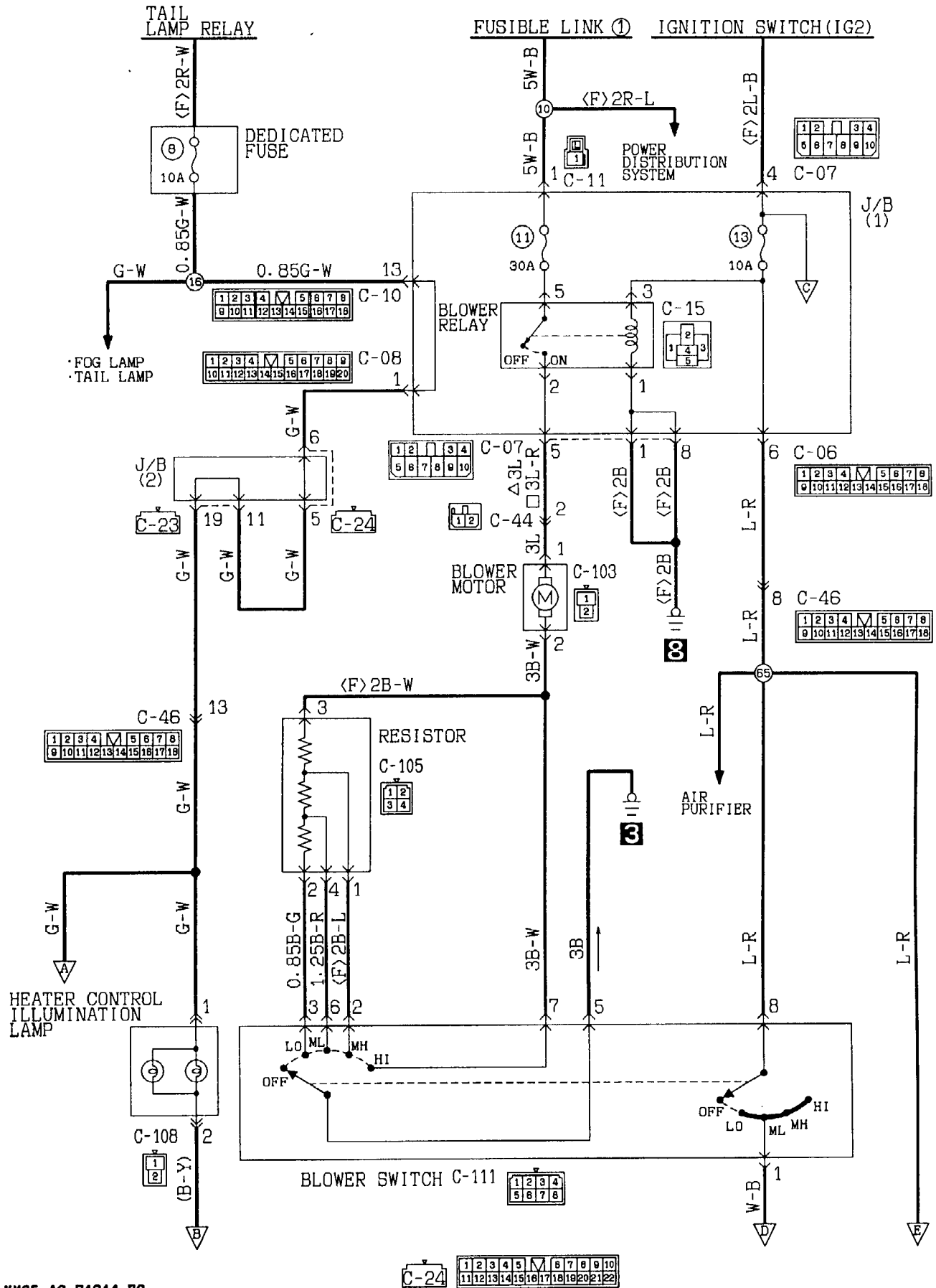
HEATER AND MANUAL AIR CONDITIONER  
(Petrol-powered vehicles <4WD>) (CONTINUED)



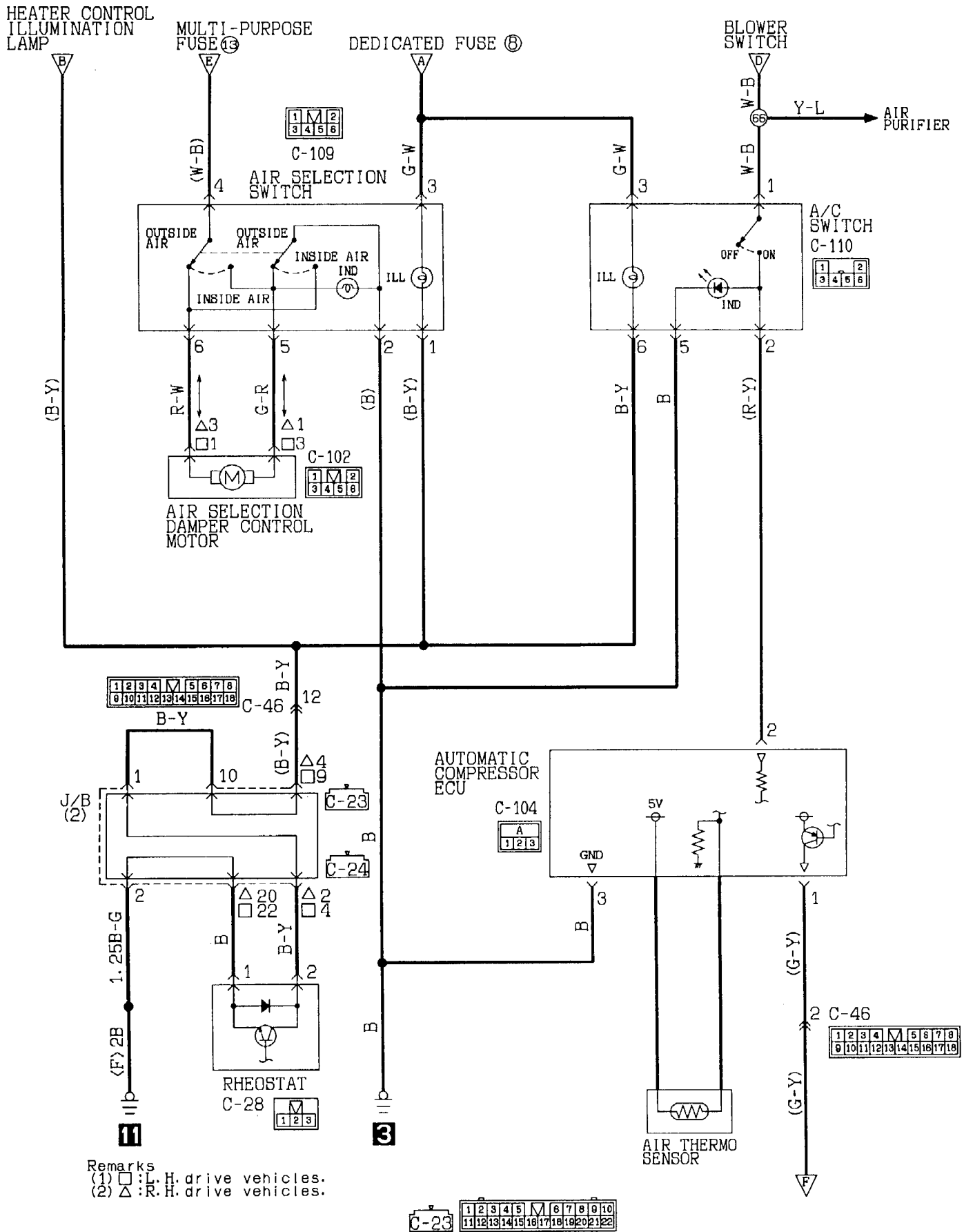
NOTES

# HEATER AND MANUAL AIR CONDITIONER

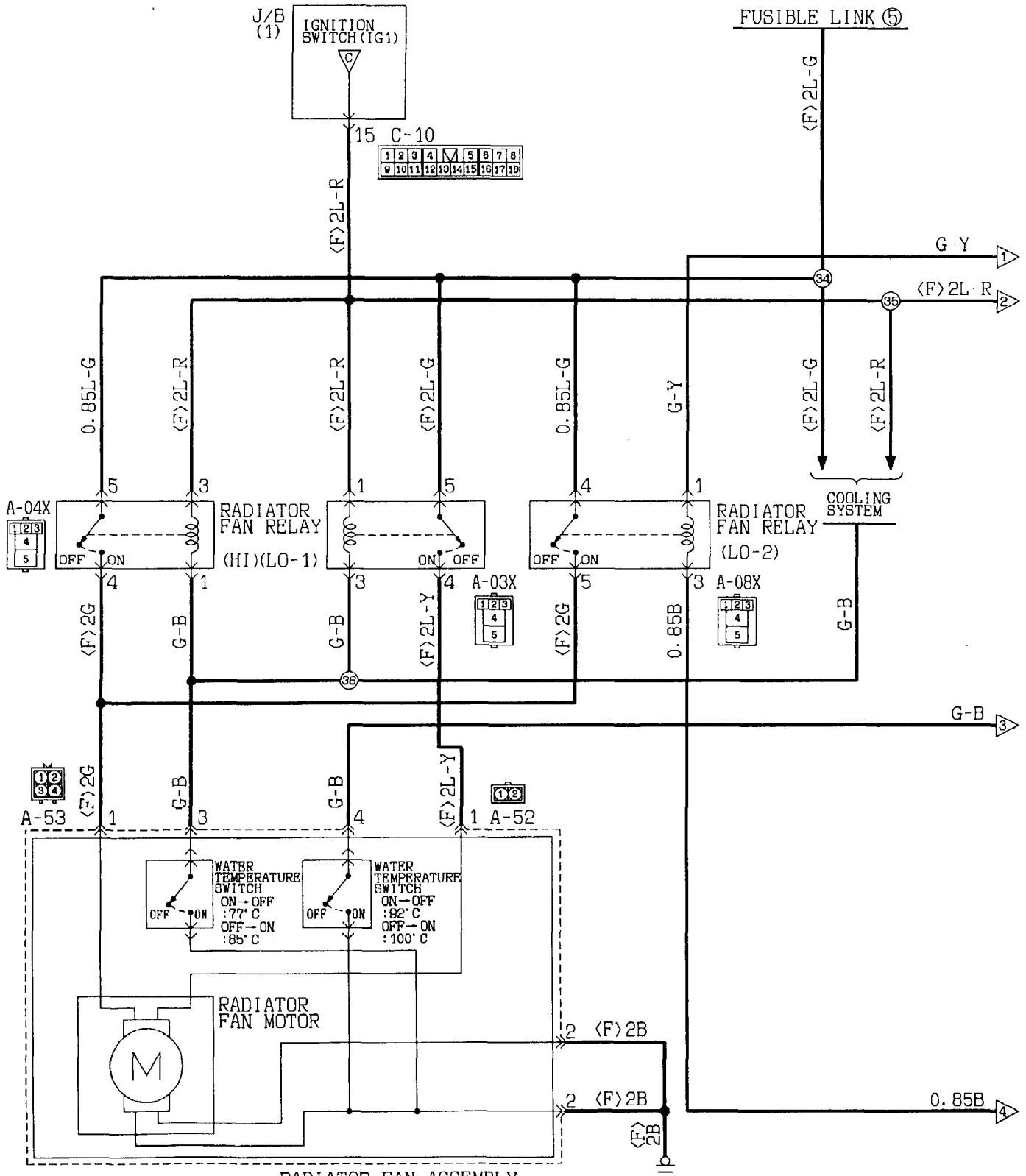
Diesel-powered vehicles







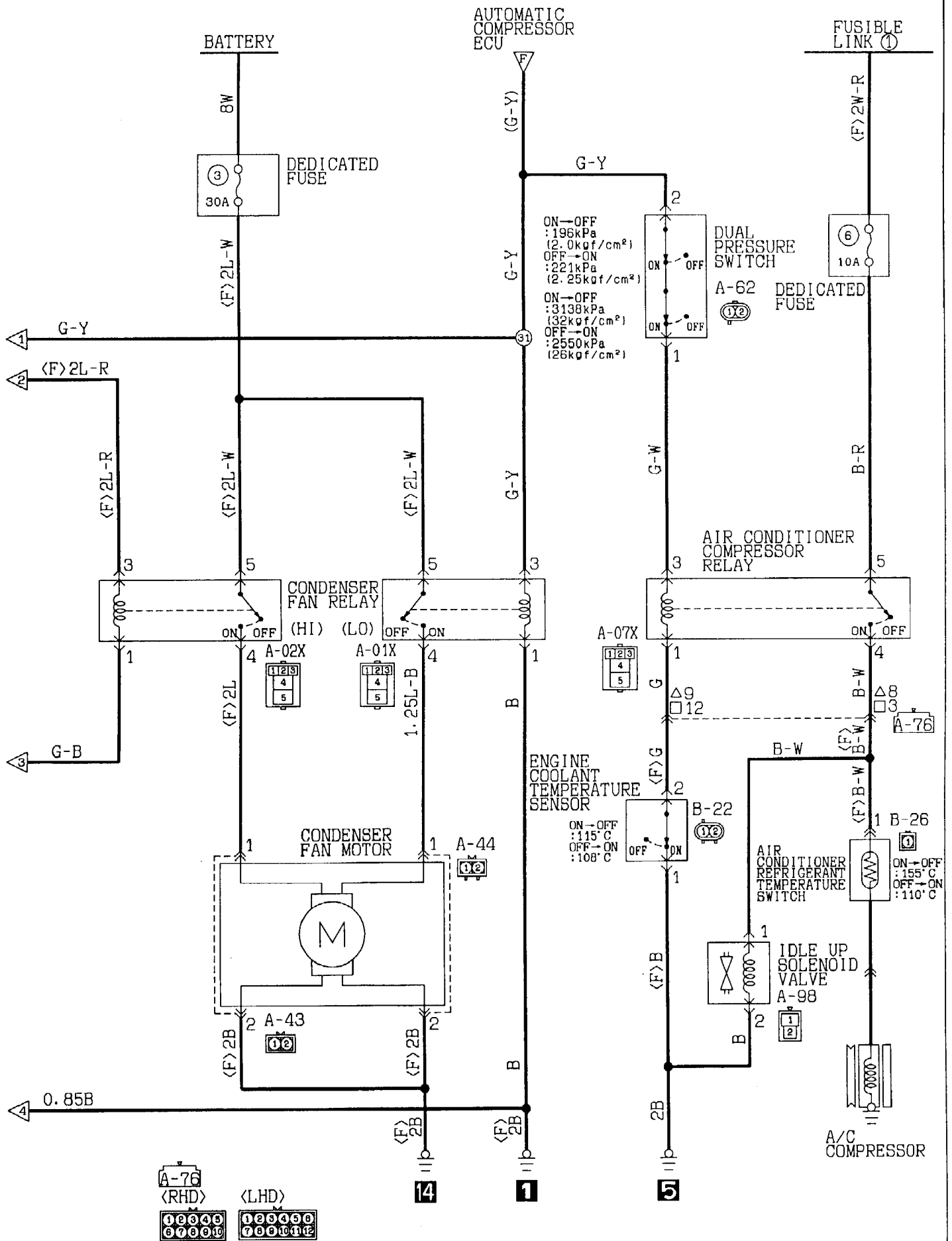
HEATER AND MANUAL AIR CONDITIONER  
(Diesel-powered vehicles) (CONTINUED)



RADIATOR FAN ASSEMBLY

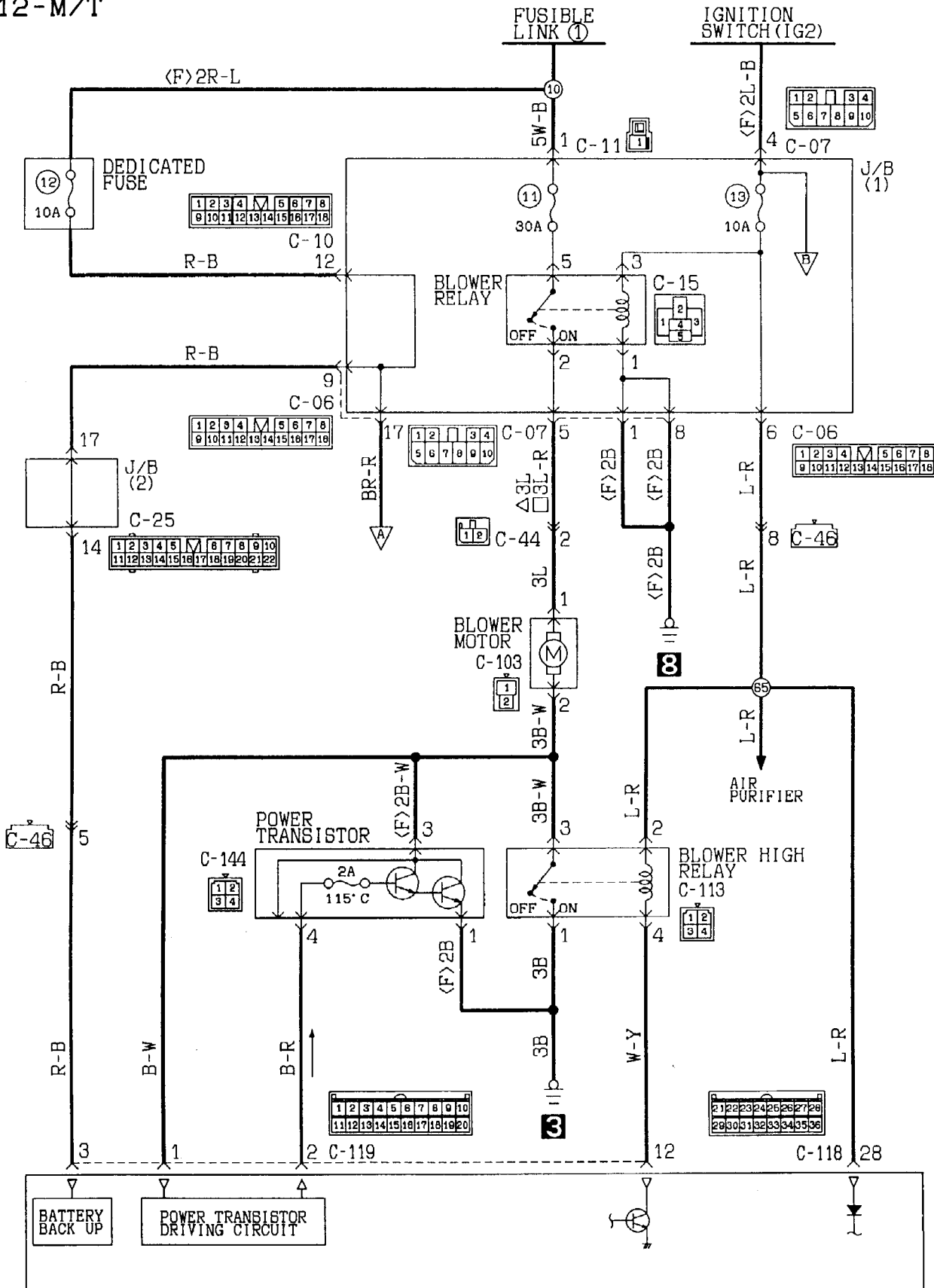
Remarks  
(1) □ : L. H. drive vehicles.  
(2) △ : R. H. drive vehicles.

Wire colour code  
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



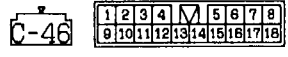
NOTES

FULL AUTOMATIC AIR CONDITIONER  
6A12-M/T

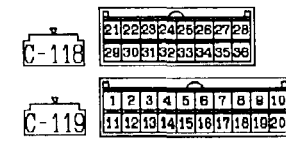
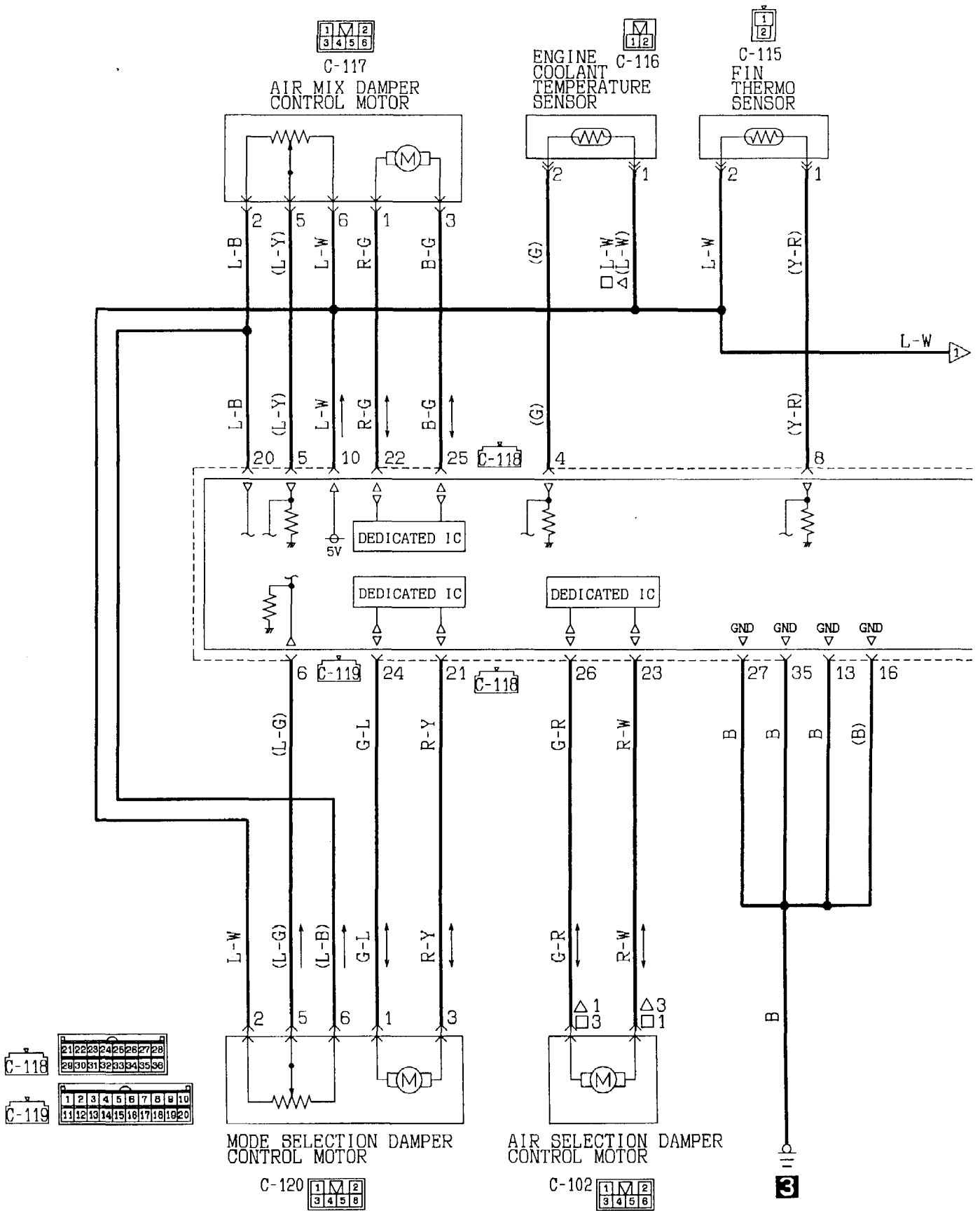


A/C CONTROL  
PANEL AND  
ECU ASSEMBLY

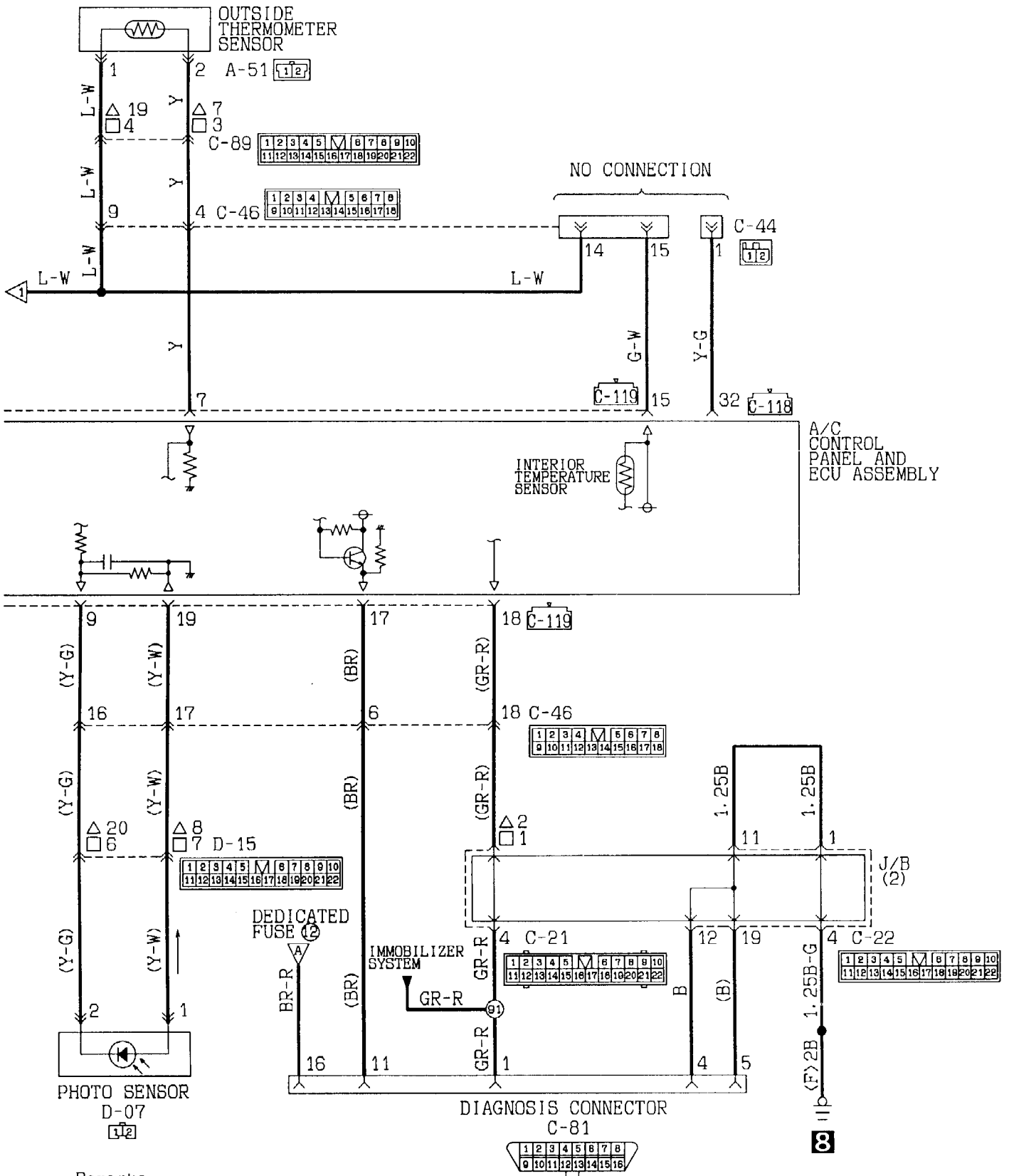
Remarks  
(1) : □ L. H. drive vehicles.  
(2) : △ R. H. drive vehicles.



FULL AUTOMATIC AIR CONDITIONER <6A12-M/T> (CONTINUED)

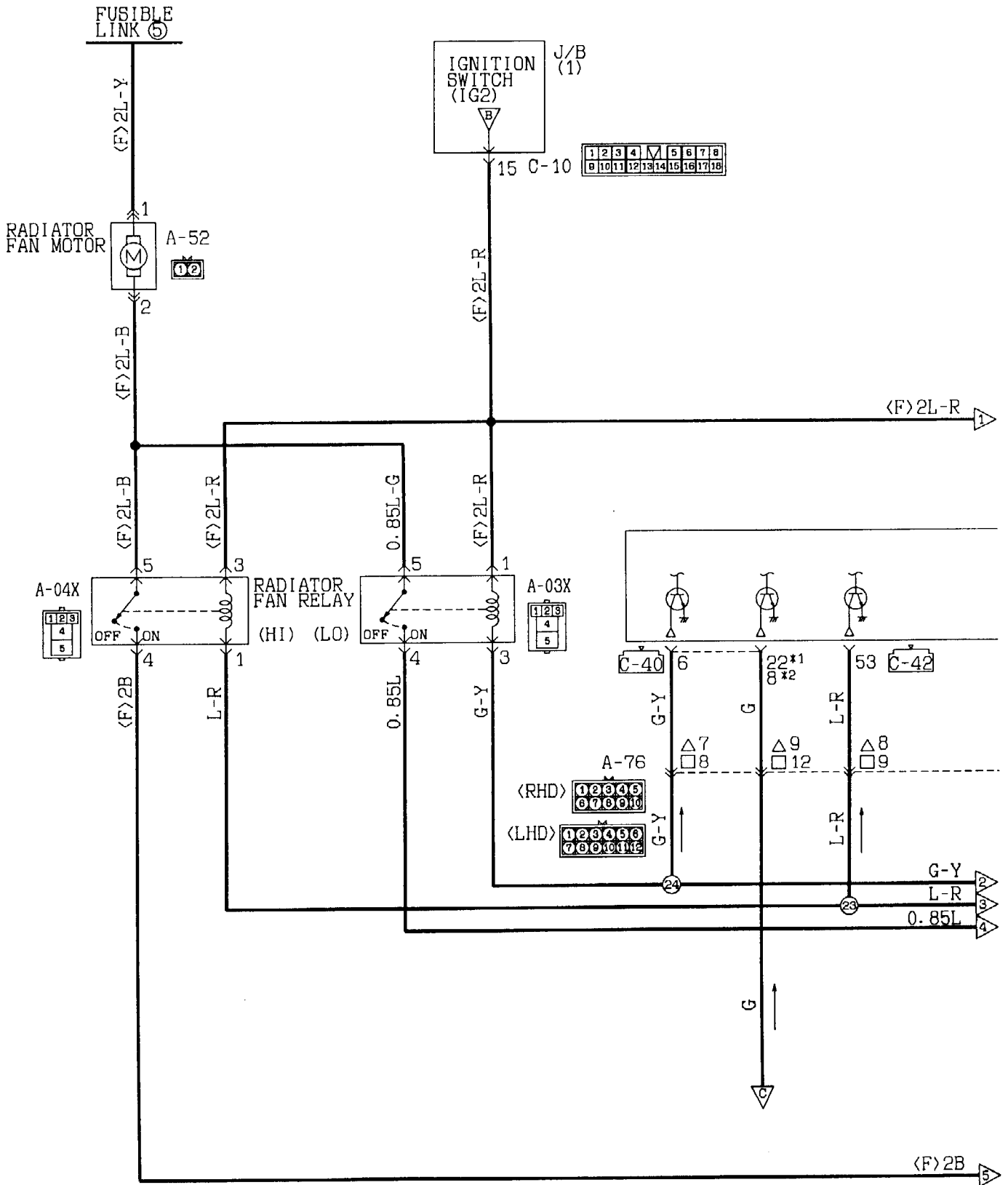


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



Remarks  
 (1) □ : L.H. drive vehicles.  
 (2) △ : R.H. drive vehicles.

FULL AUTOMATIC AIR CONDITIONER <6A12-M/T> (CONTINUED)



Remarks

- (1) □: L.H. drive vehicles.
- (2) △: R.H. drive vehicles.
- (3) \*1: Vehicles without immobilizer system.
- (4) \*2: Vehicles with immobilizer system.

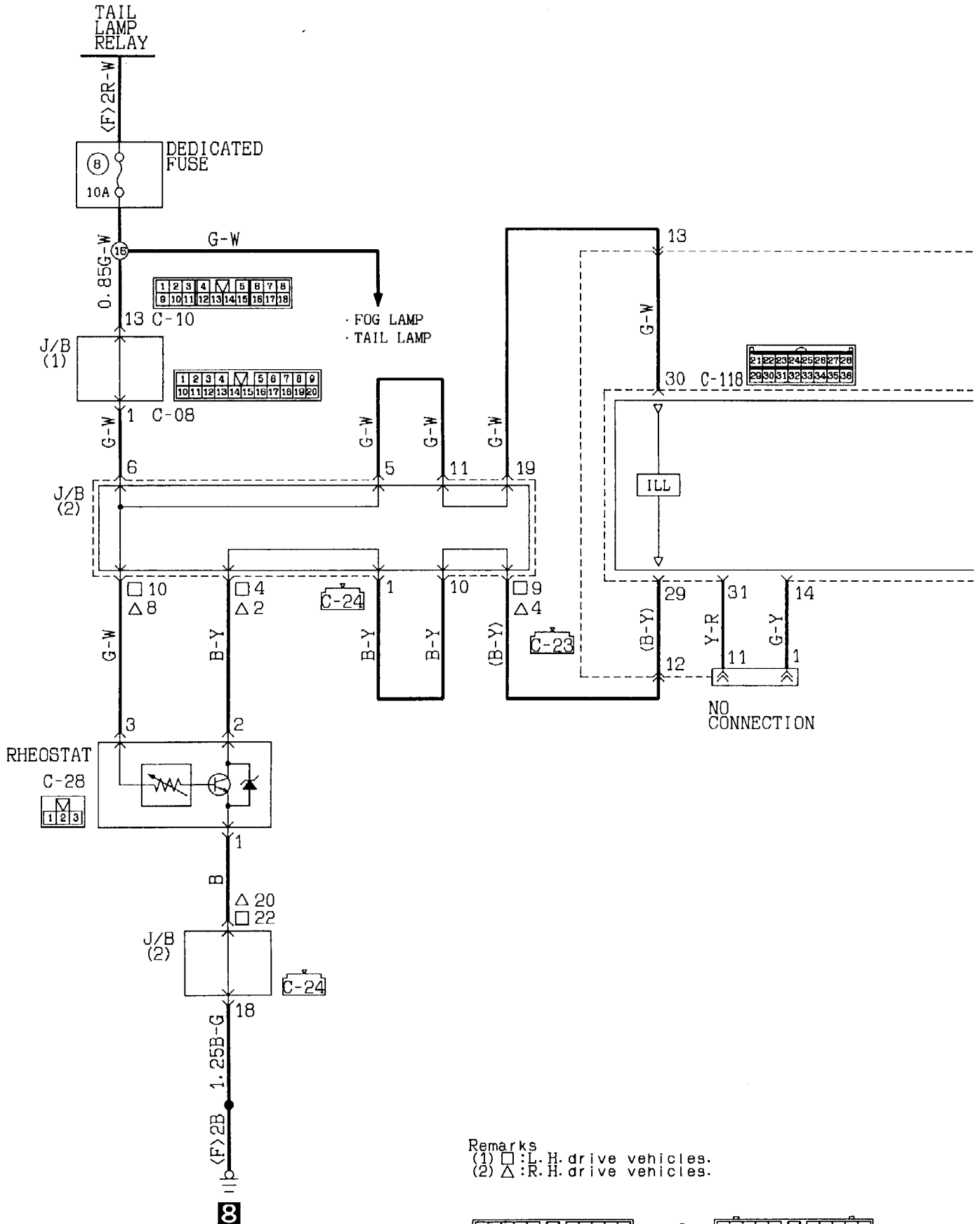
|      |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| C-40 | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
|      | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |

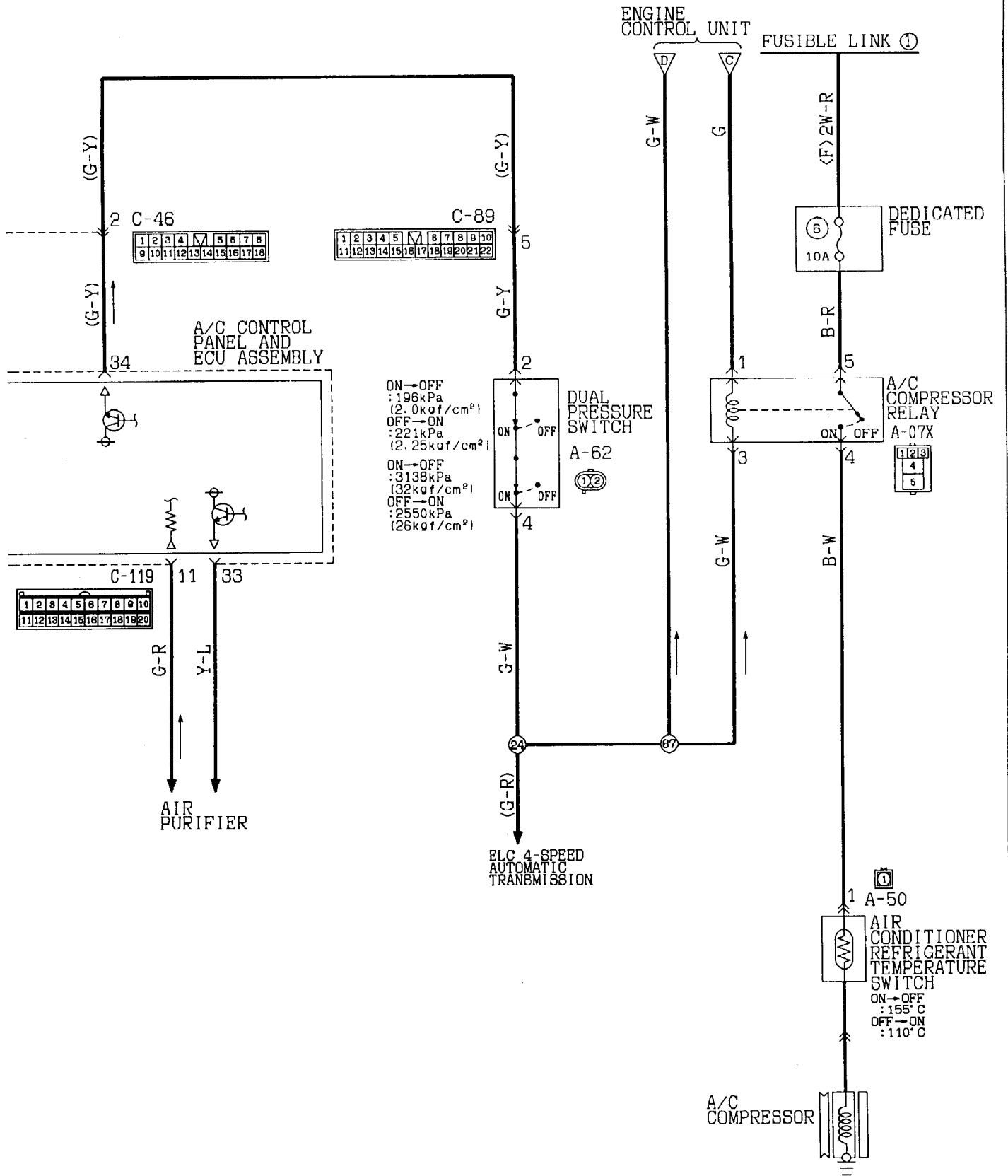
|      |    |    |    |    |    |    |    |    |    |    |    |    |
|------|----|----|----|----|----|----|----|----|----|----|----|----|
| C-42 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 |
|      | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 |





FULL AUTOMATIC AIR CONDITIONER <6A12-M/T> (CONTINUED)

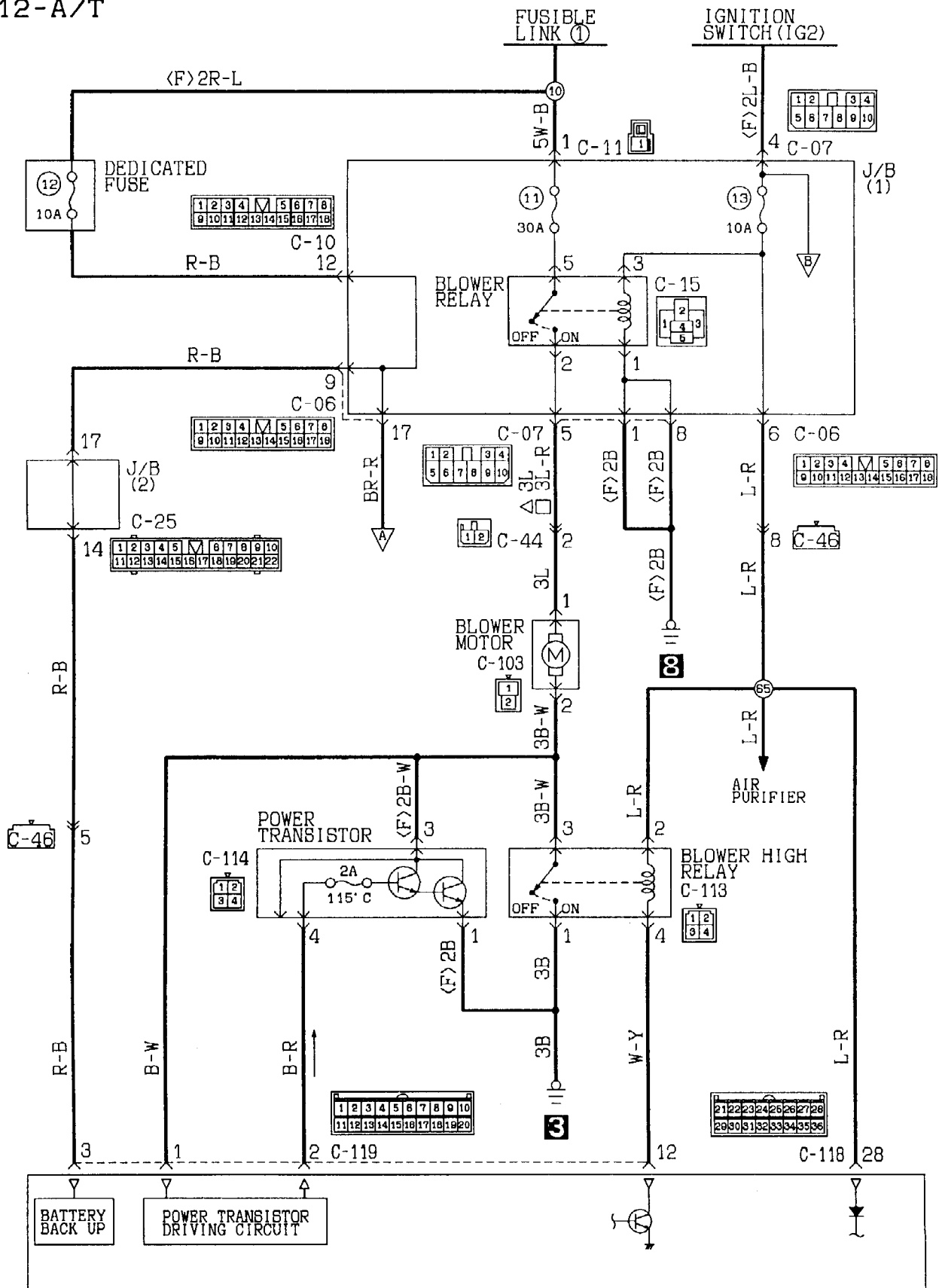




Wire colour code  
 B:Black    LG:Light green    G:Green    L:Blue  
 BR:Brown    O:Orange    GR:Gray    R:Red  
 W:White    SB:Sky blue    P:Pink    Y:Yellow  
 V:Violet

**NOTES**

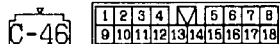
FULL AUTOMATIC AIR CONDITIONER  
6A12-A/T



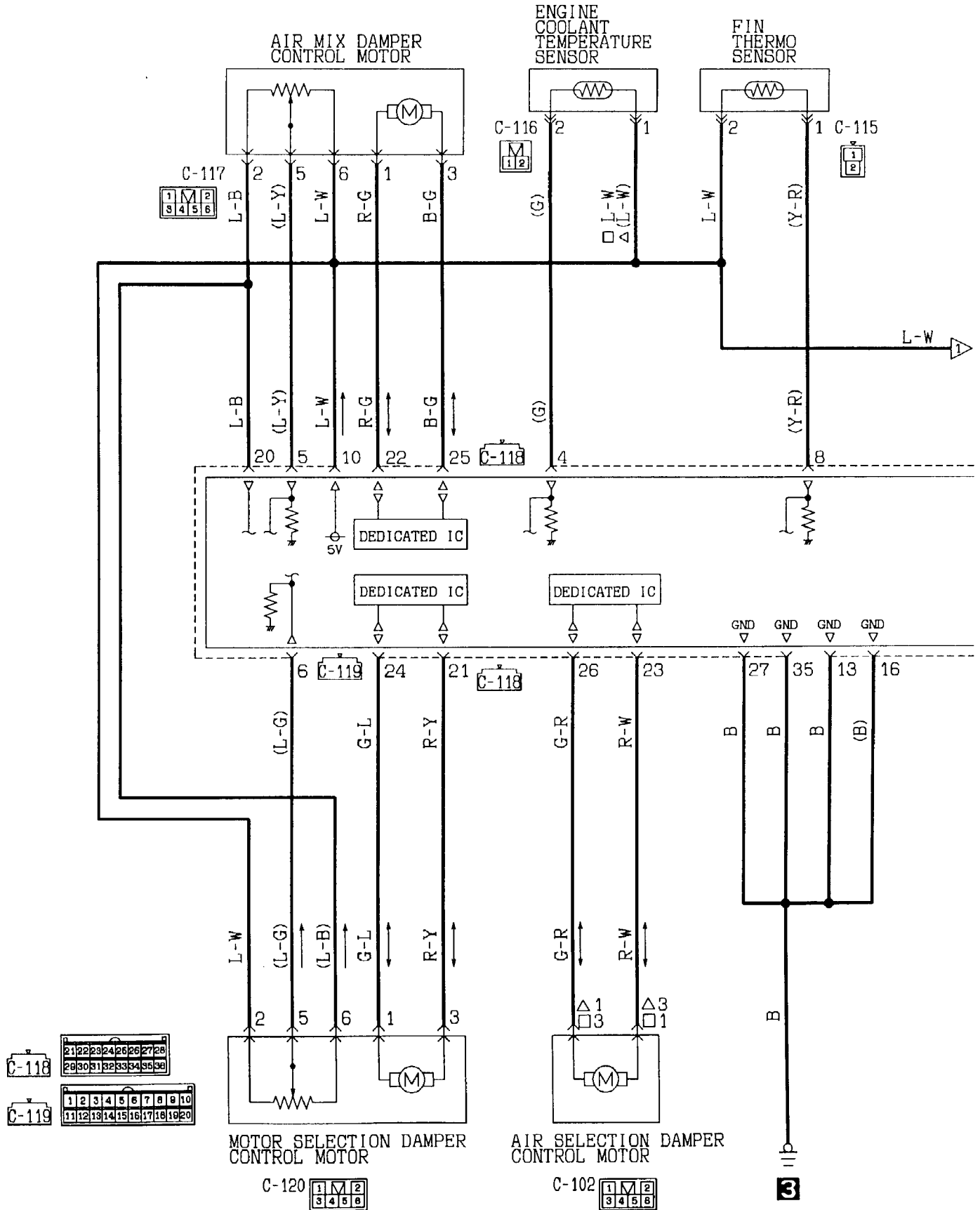
A/C CONTROL  
PANEL AND  
ECU ASSEMBLY

Remarks

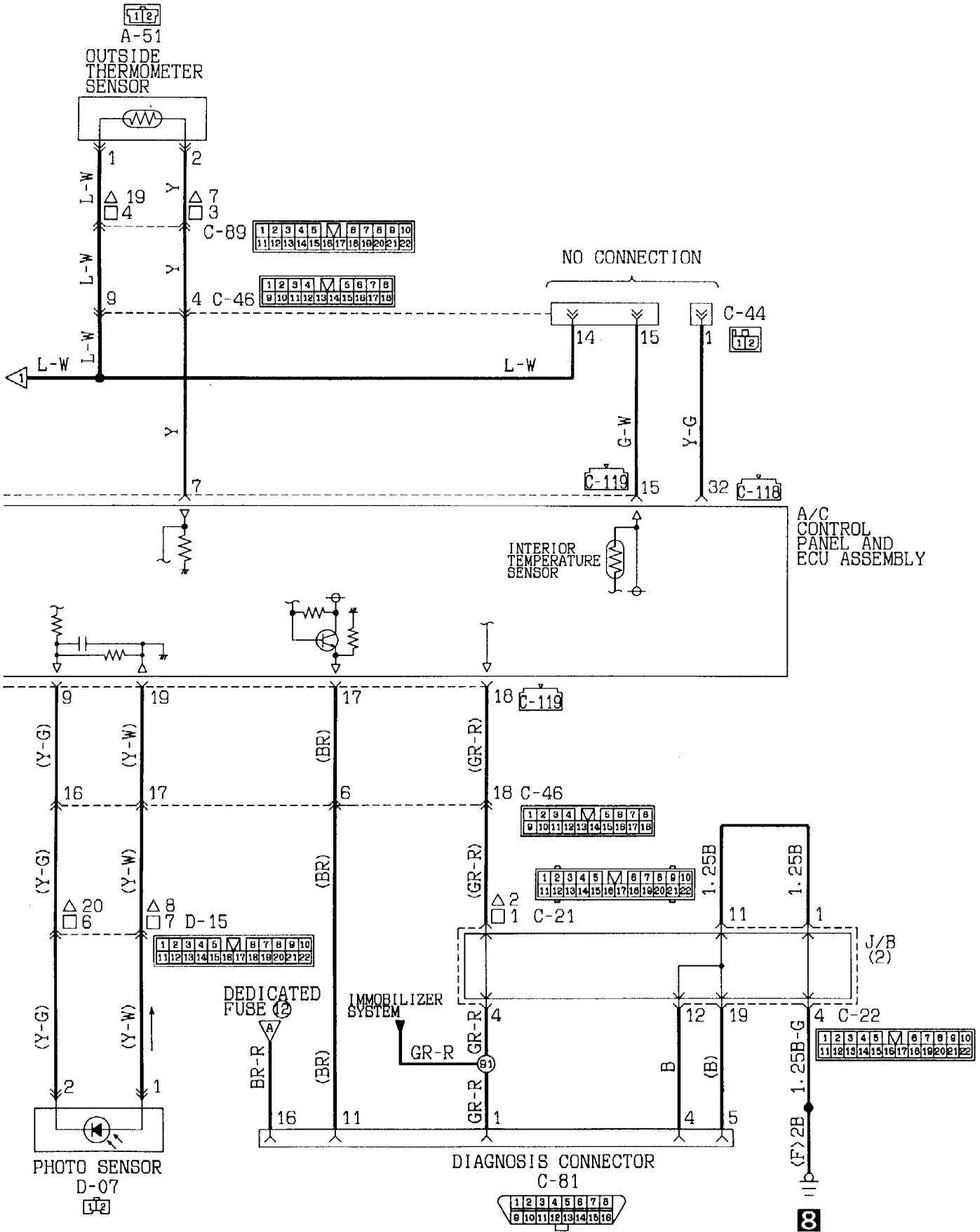
- (1) : □ L.H. drive vehicles.
- (2) : △ R.H. drive vehicles.



FULL AUTOMATIC AIR CONDITIONER (6A12-A/T) (CONTINUED)



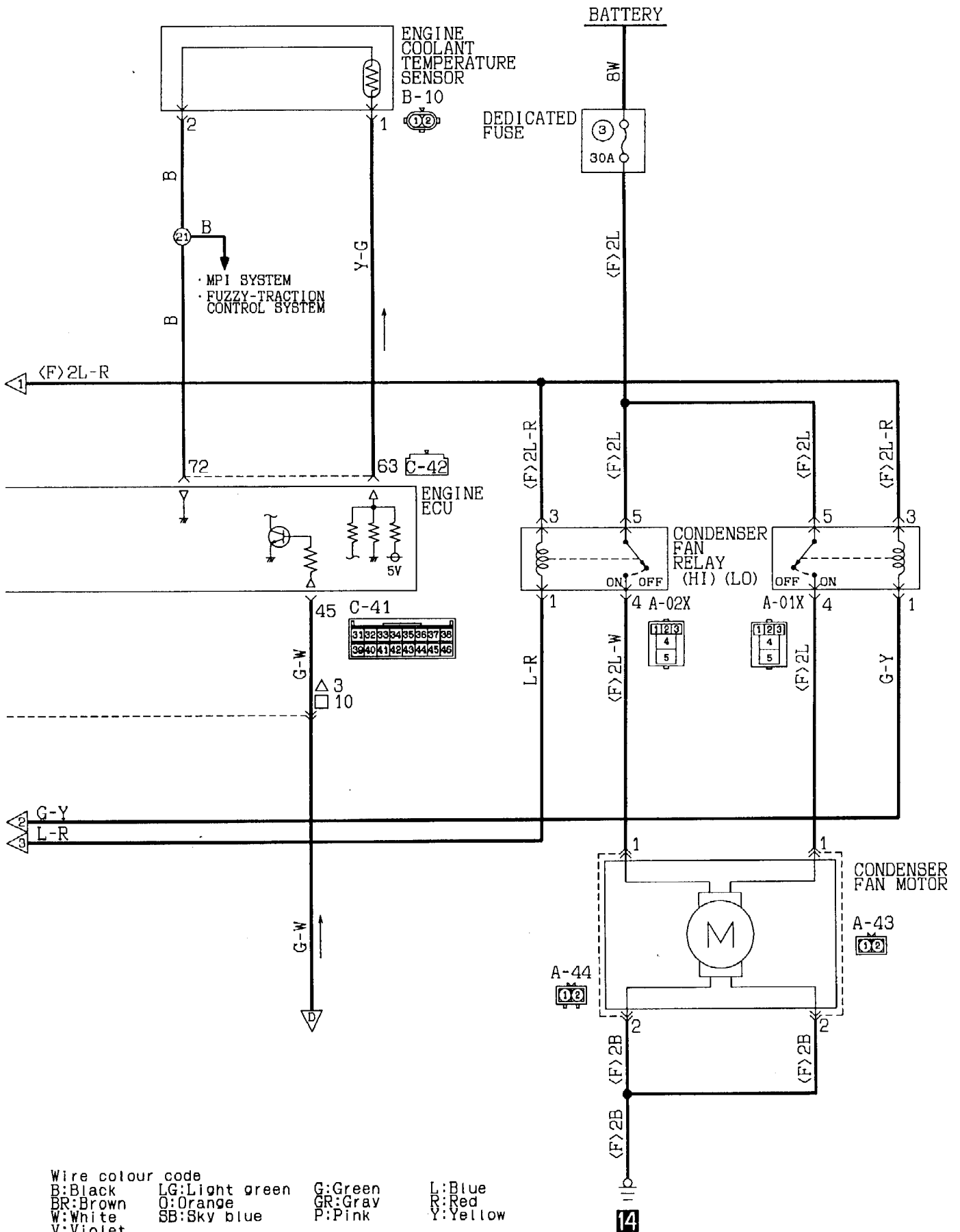
Wire colour code  
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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



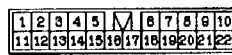
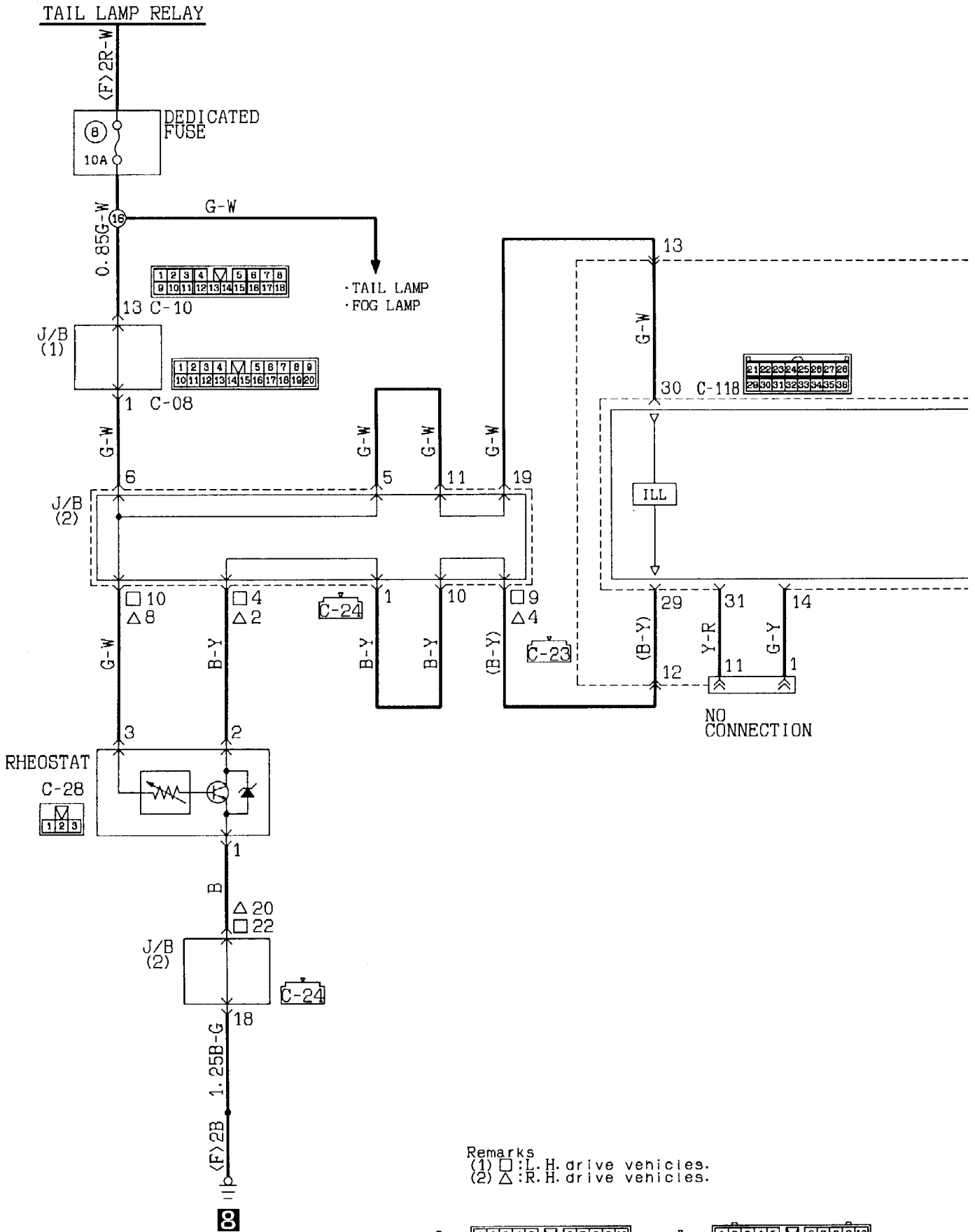
Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.

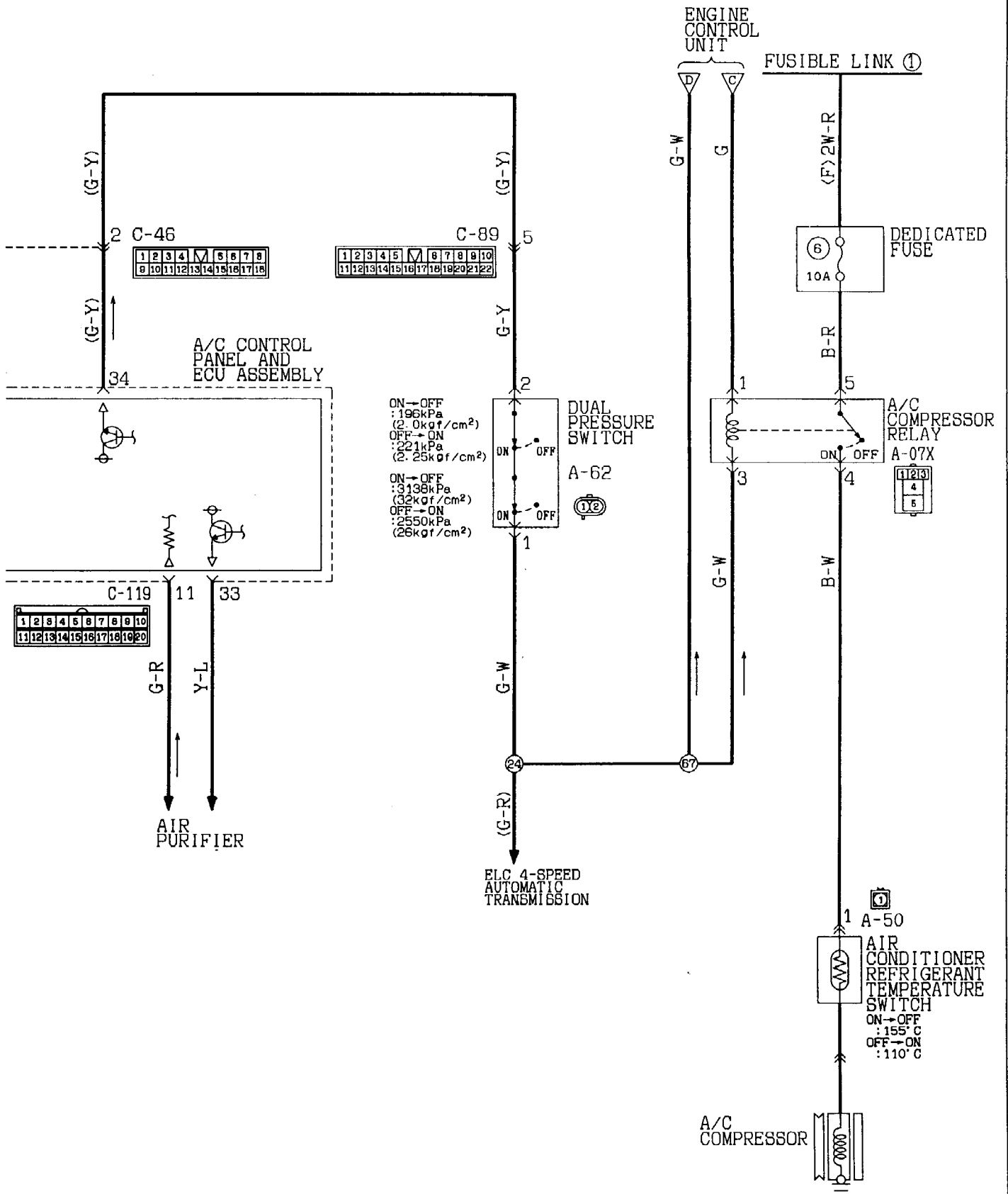






FULL AUTOMATIC AIR CONDITIONER <6A12-A/T> (CONTINUED)

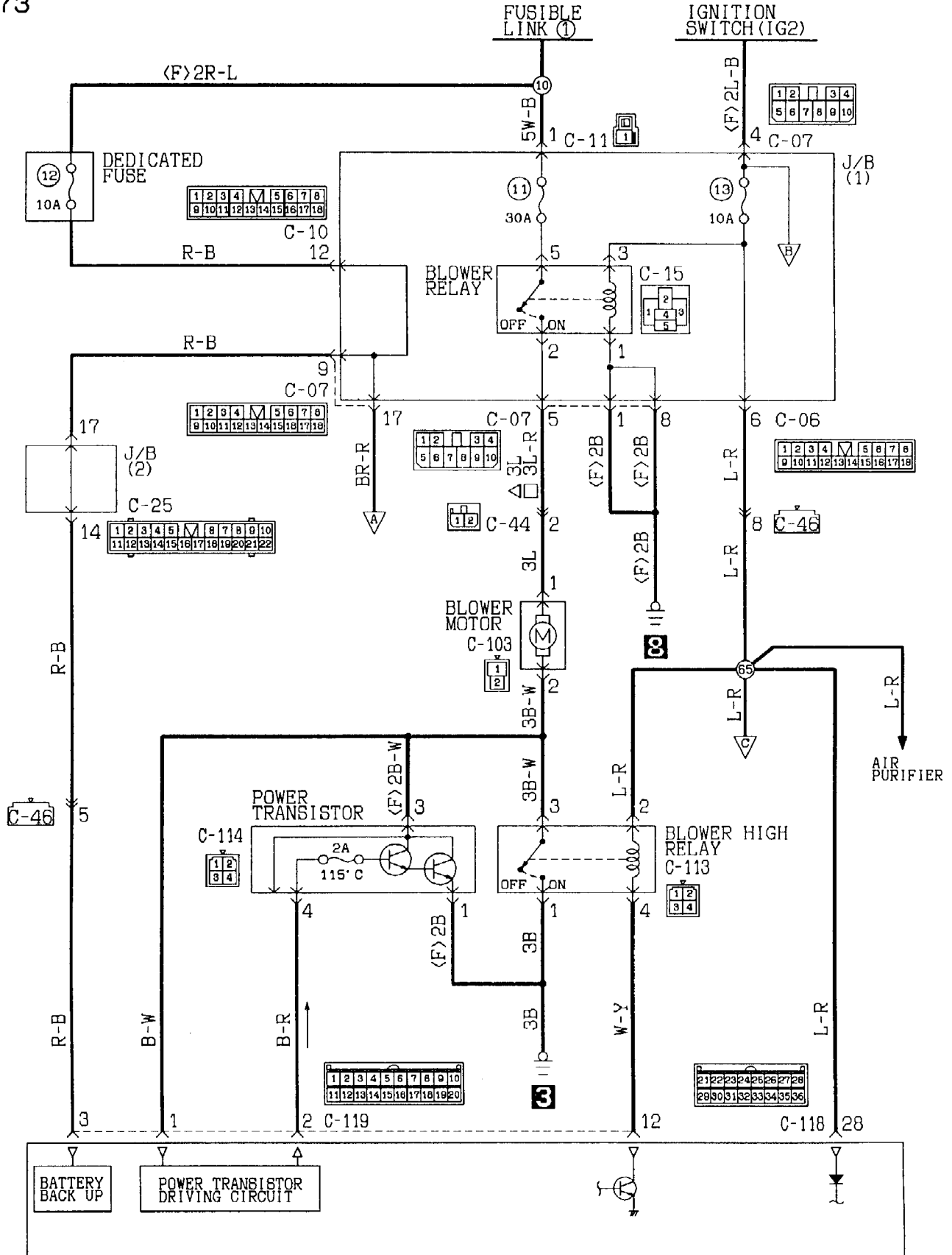




Wire colour code  
 B:Black      LG:Light green      G:Green      L:Blue  
 BR:Brown    O:Orange            GR:Gray      R:Red  
 W:White      SB:Sky blue        P:Pink        Y:Yellow  
 V:Violet

NOTES

FULL AUTOMATIC AIR CONDITIONER  
6G73



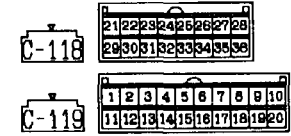
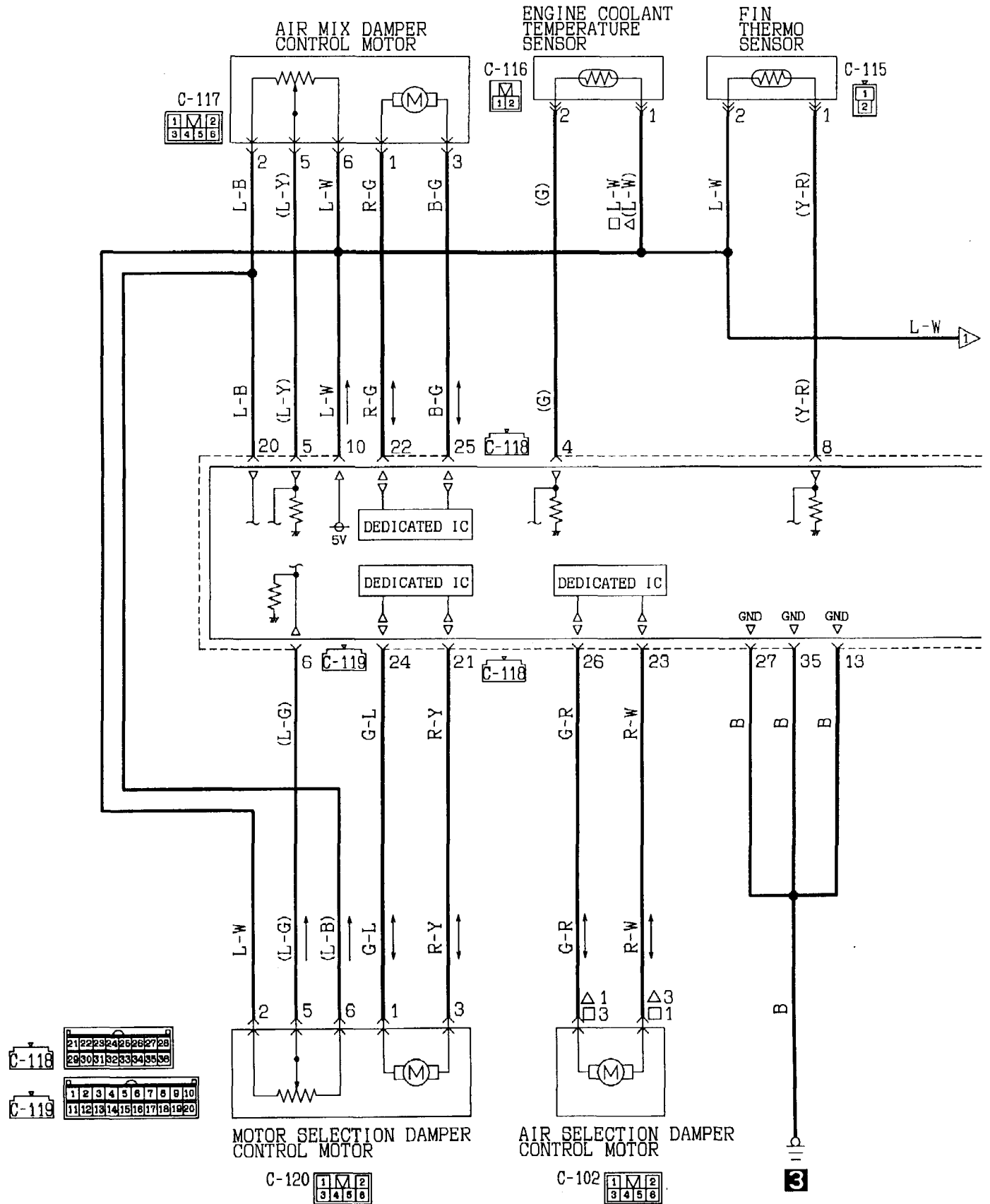
A/C CONTROL  
PANEL AND  
ECU ASSEMBLY

Remarks

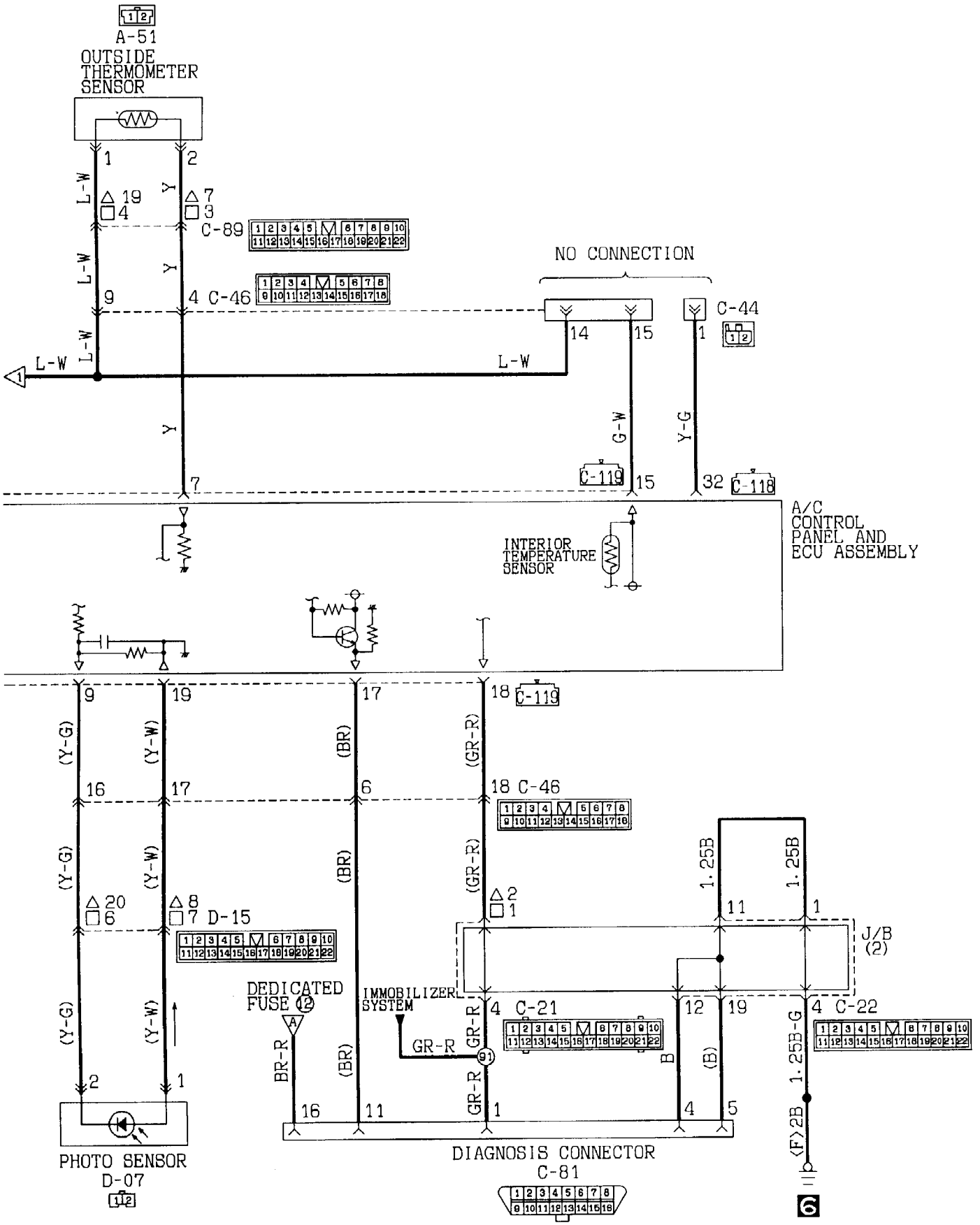
- (1) : □ L.H. drive vehicles.
- (2) : △ R.H. drive vehicles.



FULL AUTOMATIC AIR CONDITIONER <6G73> (CONTINUED)

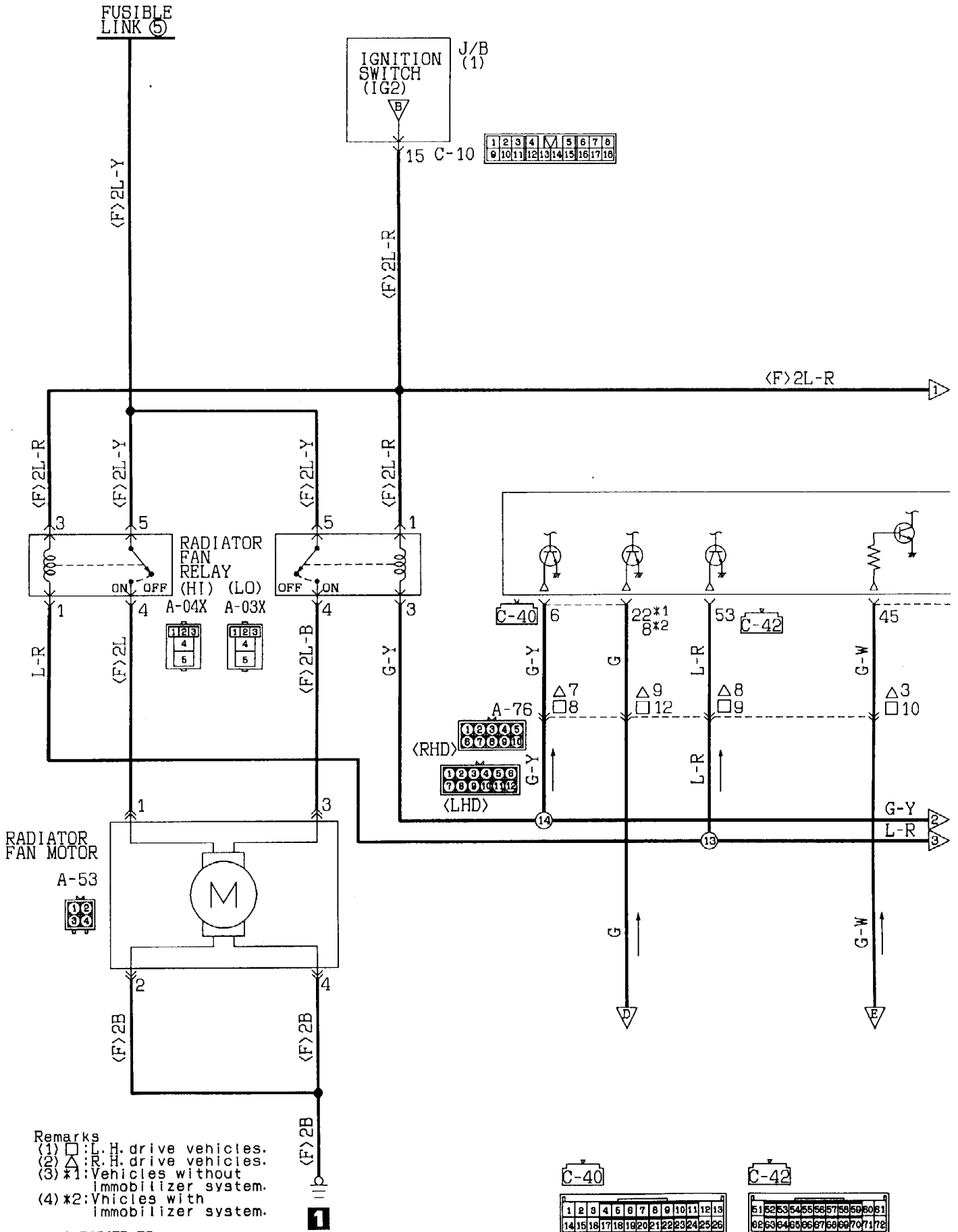


Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

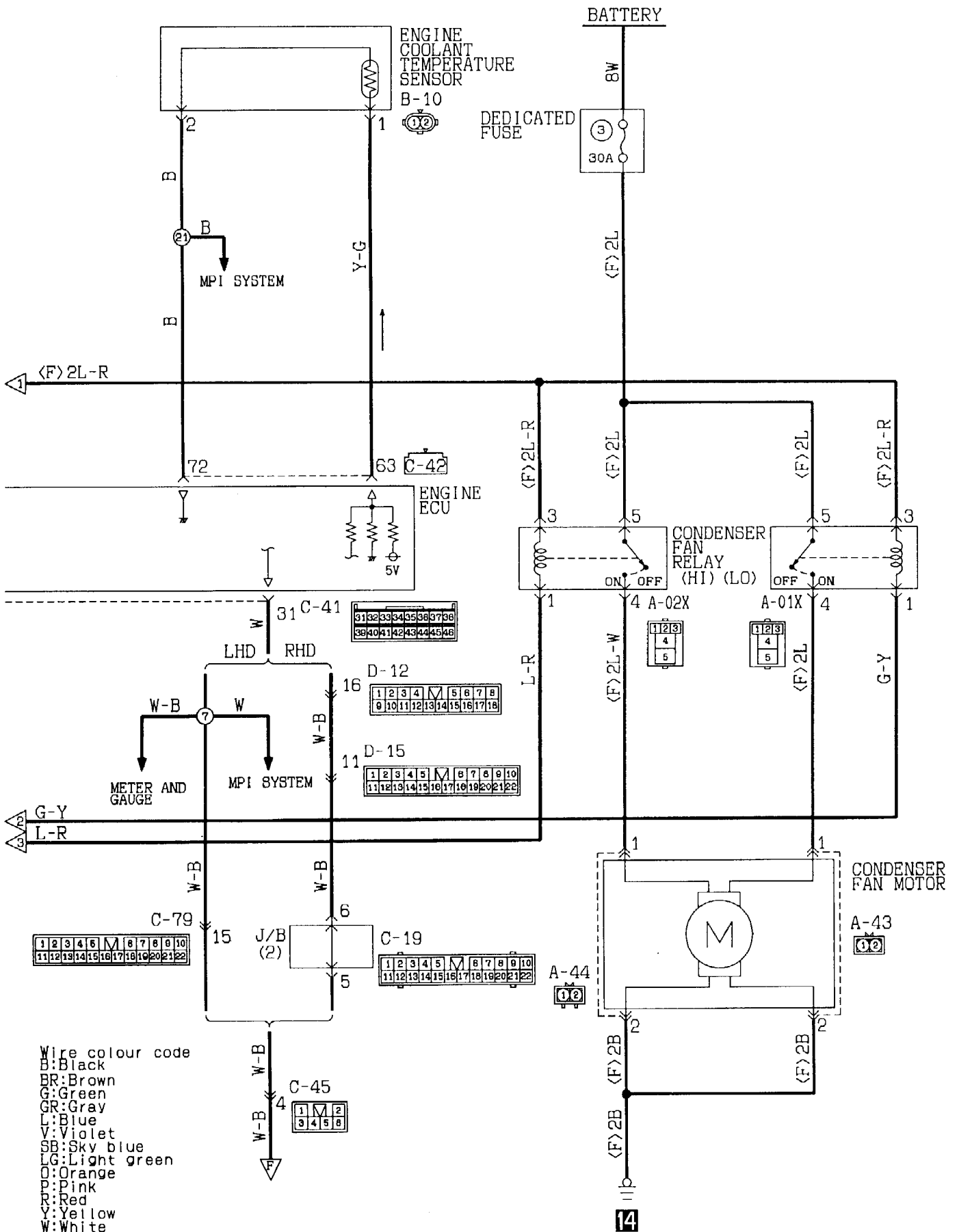


Remarks  
 (1) □: L.H. drive vehicles.  
 (2) △: R.H. drive vehicles.

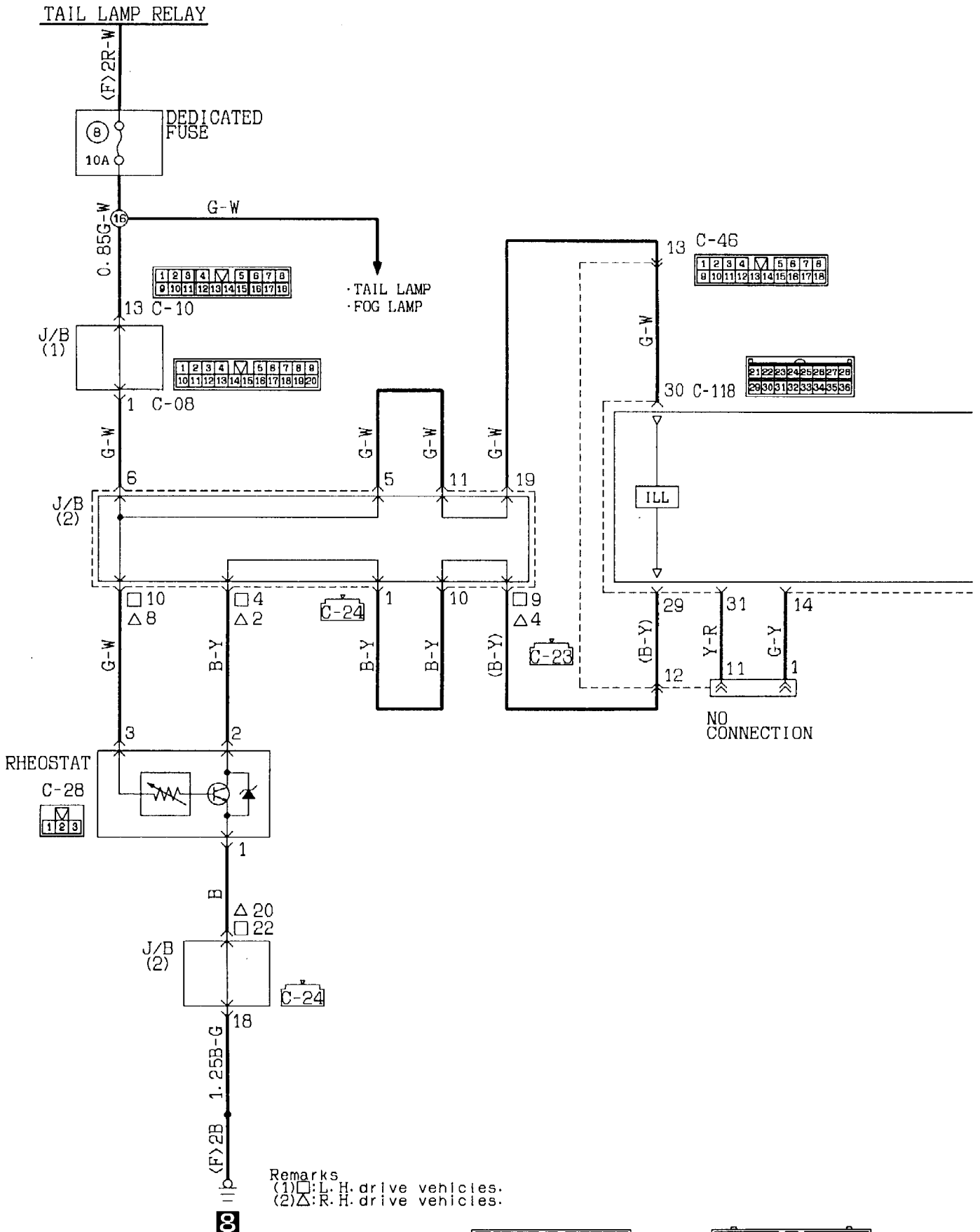
FULL AUTOMATIC AIR CONDITIONER <6G73> (CONTINUED)

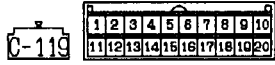




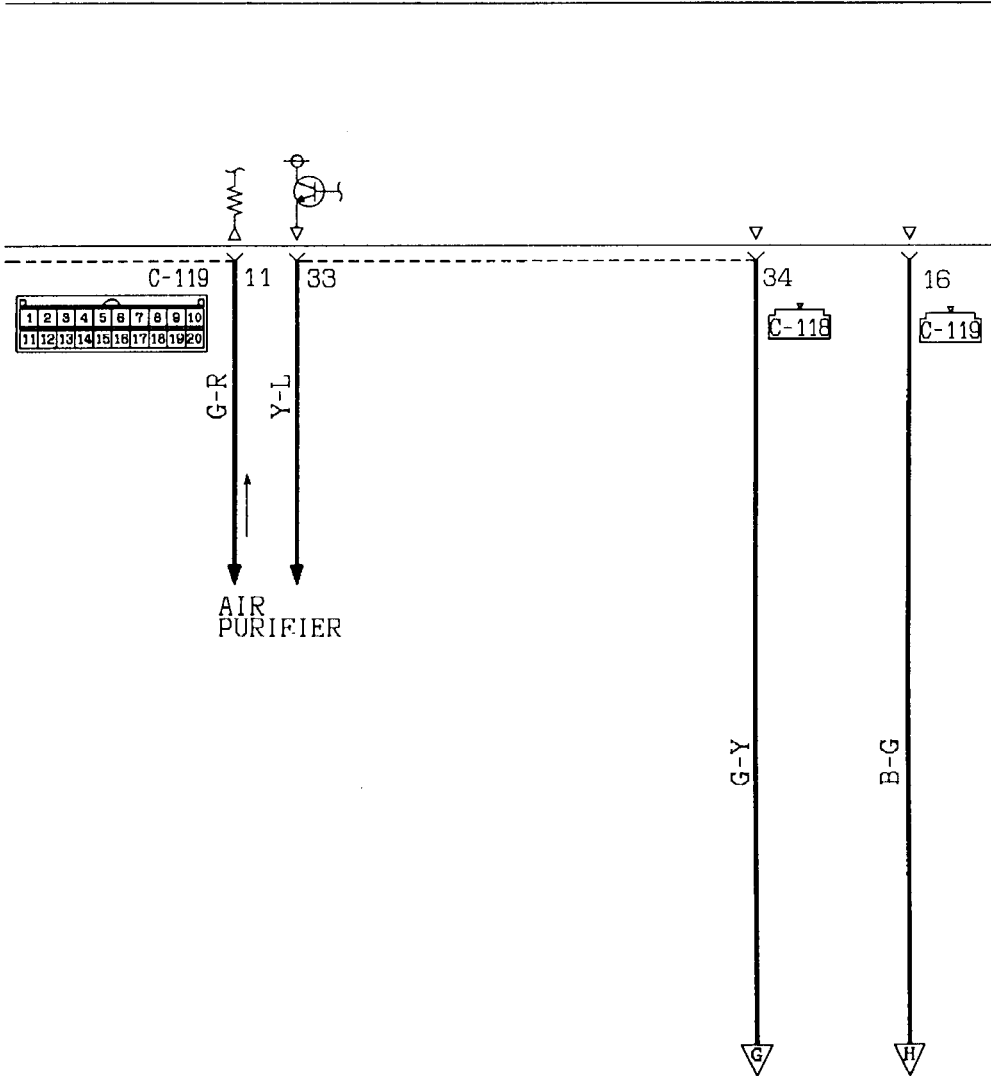


FULL AUTOMATIC AIR CONDITIONER <6G73> (CONTINUED)





A/C  
CONTROL PANEL AND  
ECU ASSEMBLY

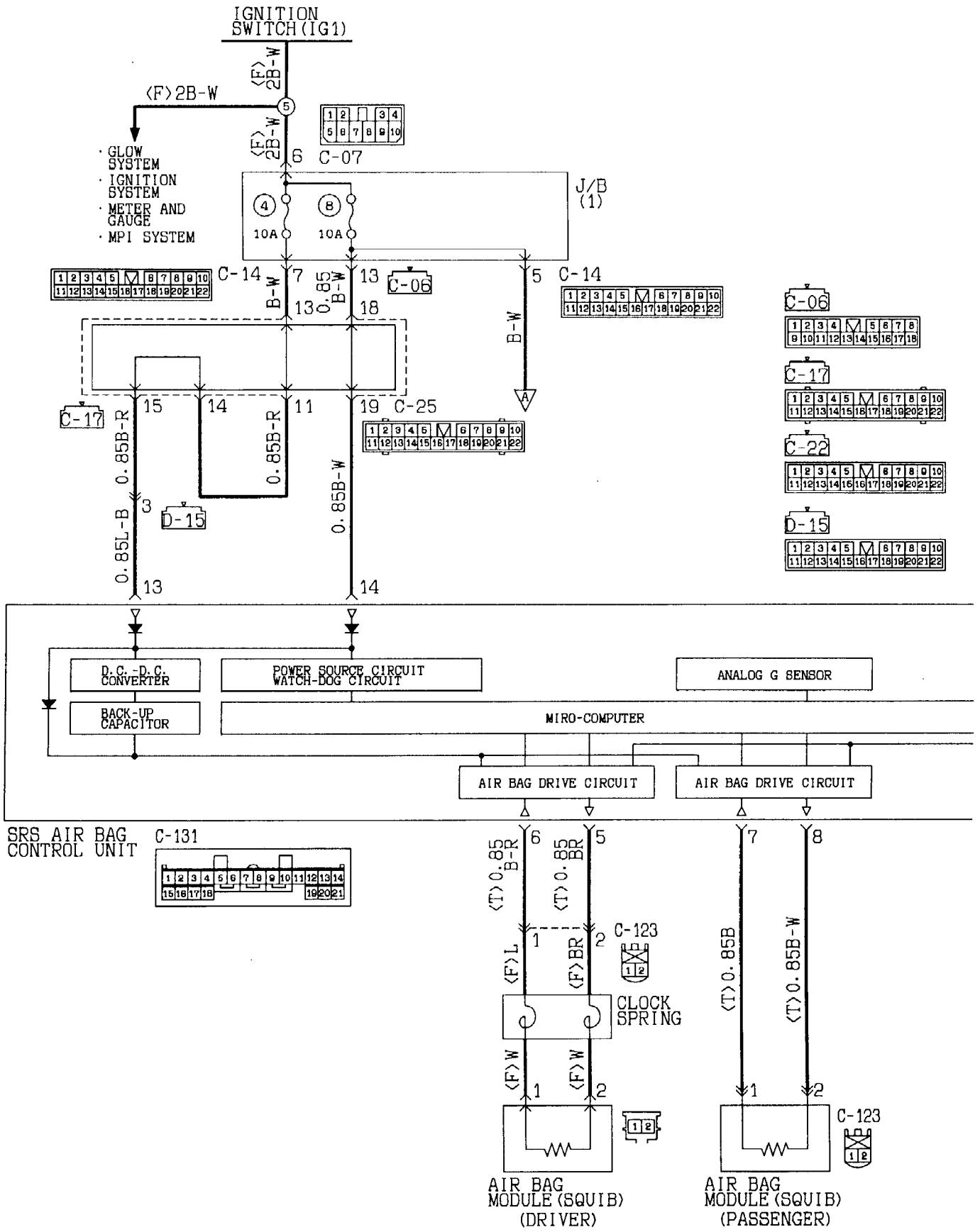


Wire colour code  
 B:Black    LG:Light green    G:Green    L:Blue  
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 V:Violet

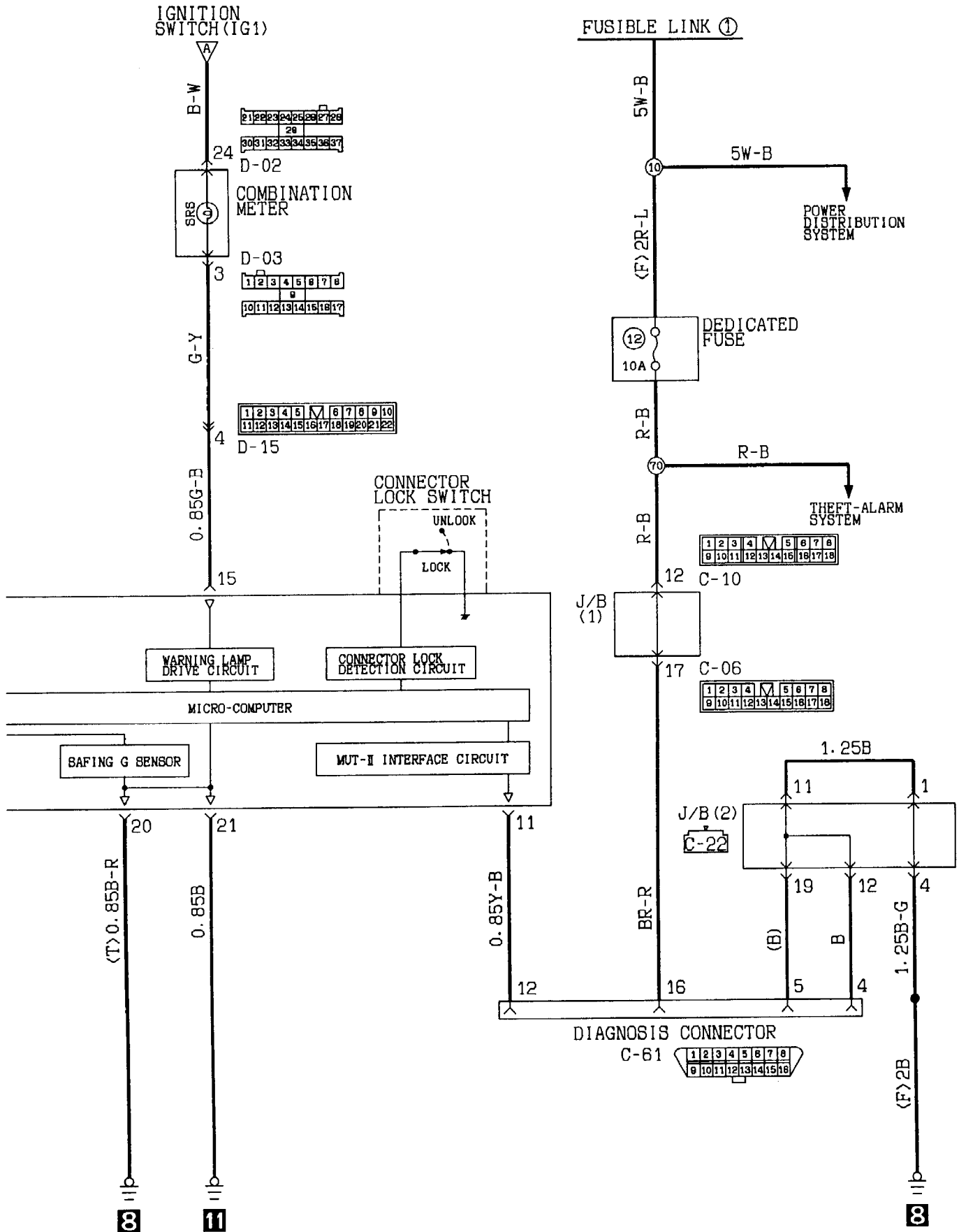


NOTES

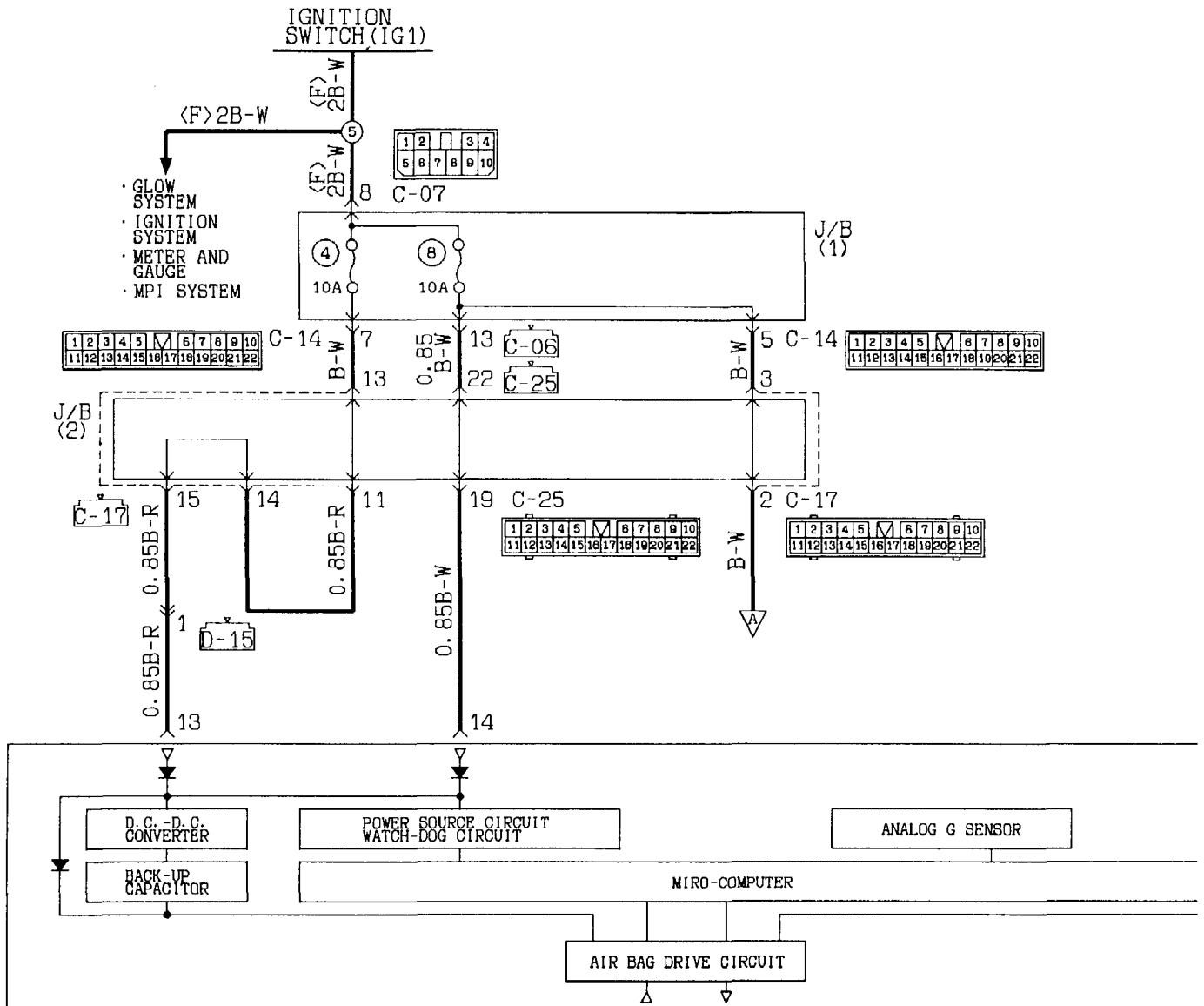
# SUPPLEMENTAL RESTRAINT SYSTEM L.H. drive vehicles



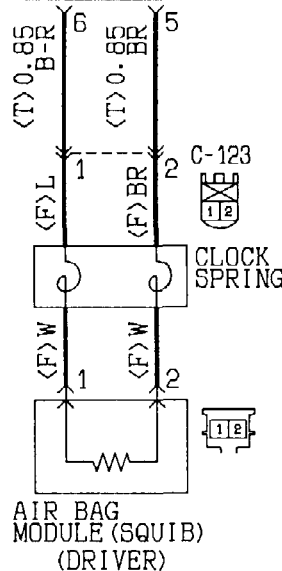
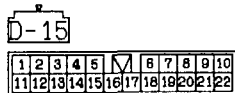
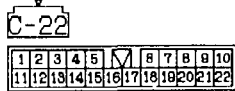
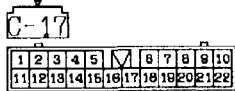
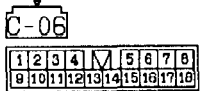
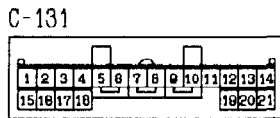
Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



SUPPLEMENTAL RESTRAINT SYSTEM  
R. H. drive vehicles



SRS AIR BAG CONTROL UNIT

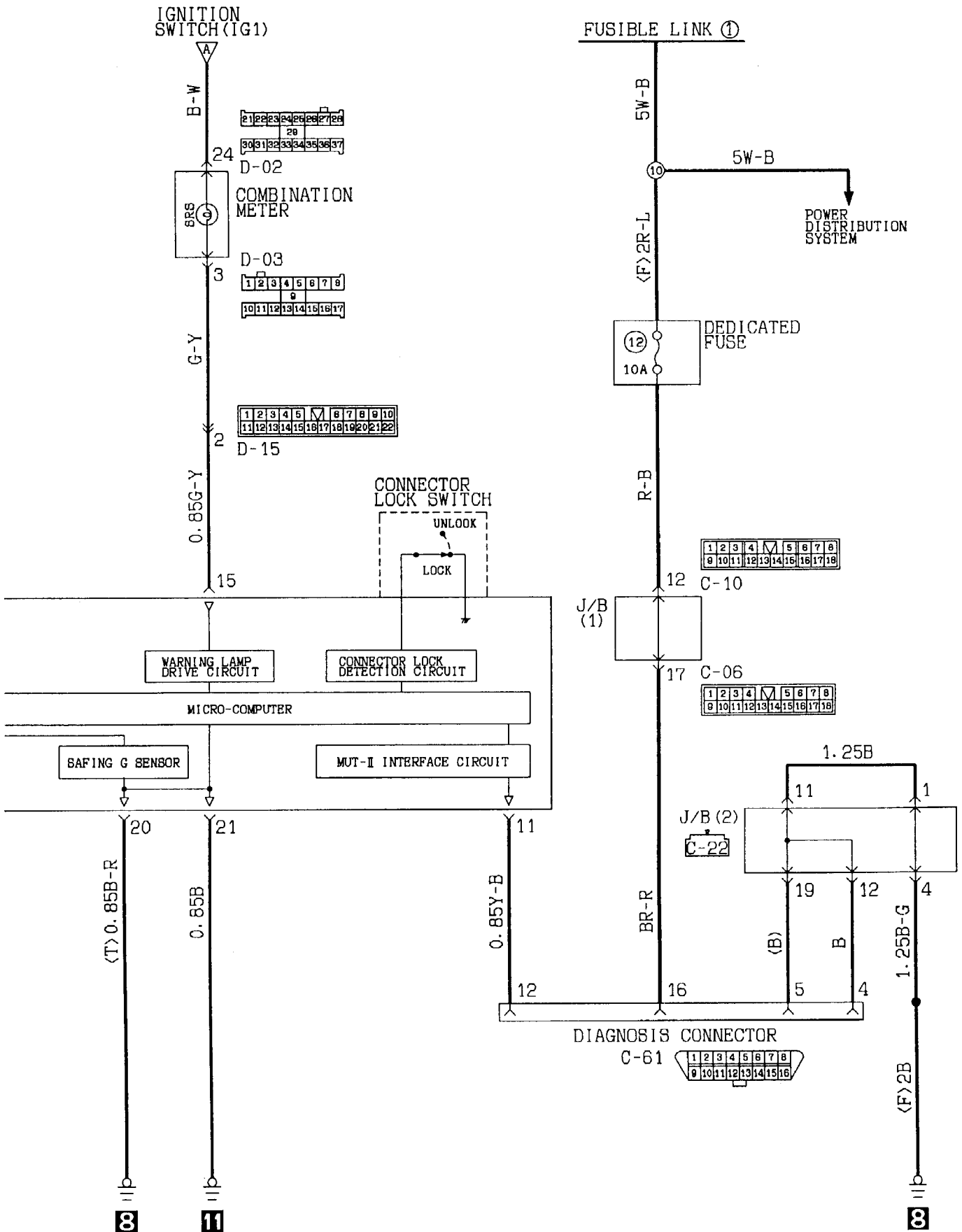


AIR BAG MODULE (SQUIB) DRIVER

Wire colour code

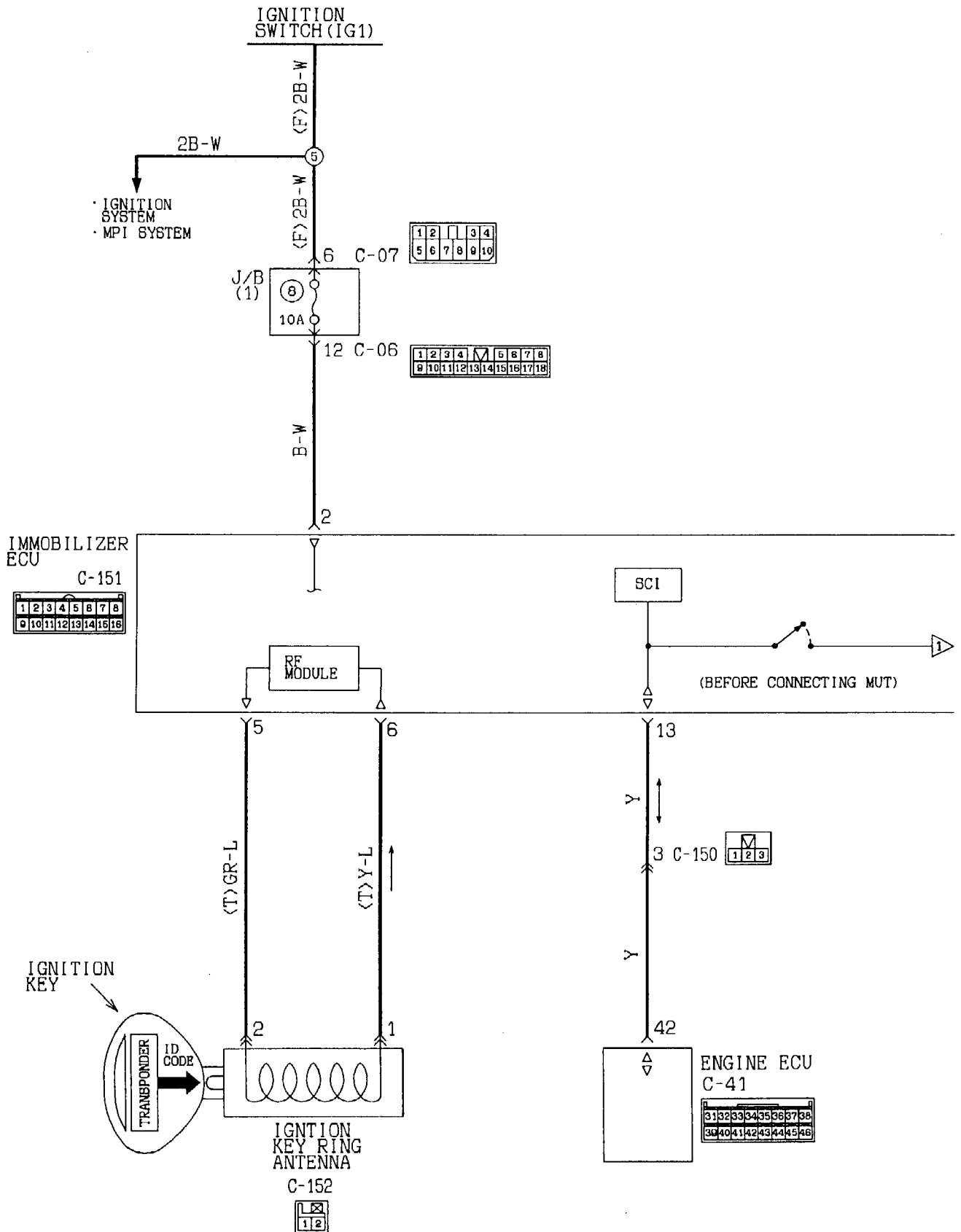
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet





# IMMOBILIZER SYSTEM

Petrol-powered vehicles



Wire colour code  
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue  
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet





