

4 CIRCUIT DIAGRAM

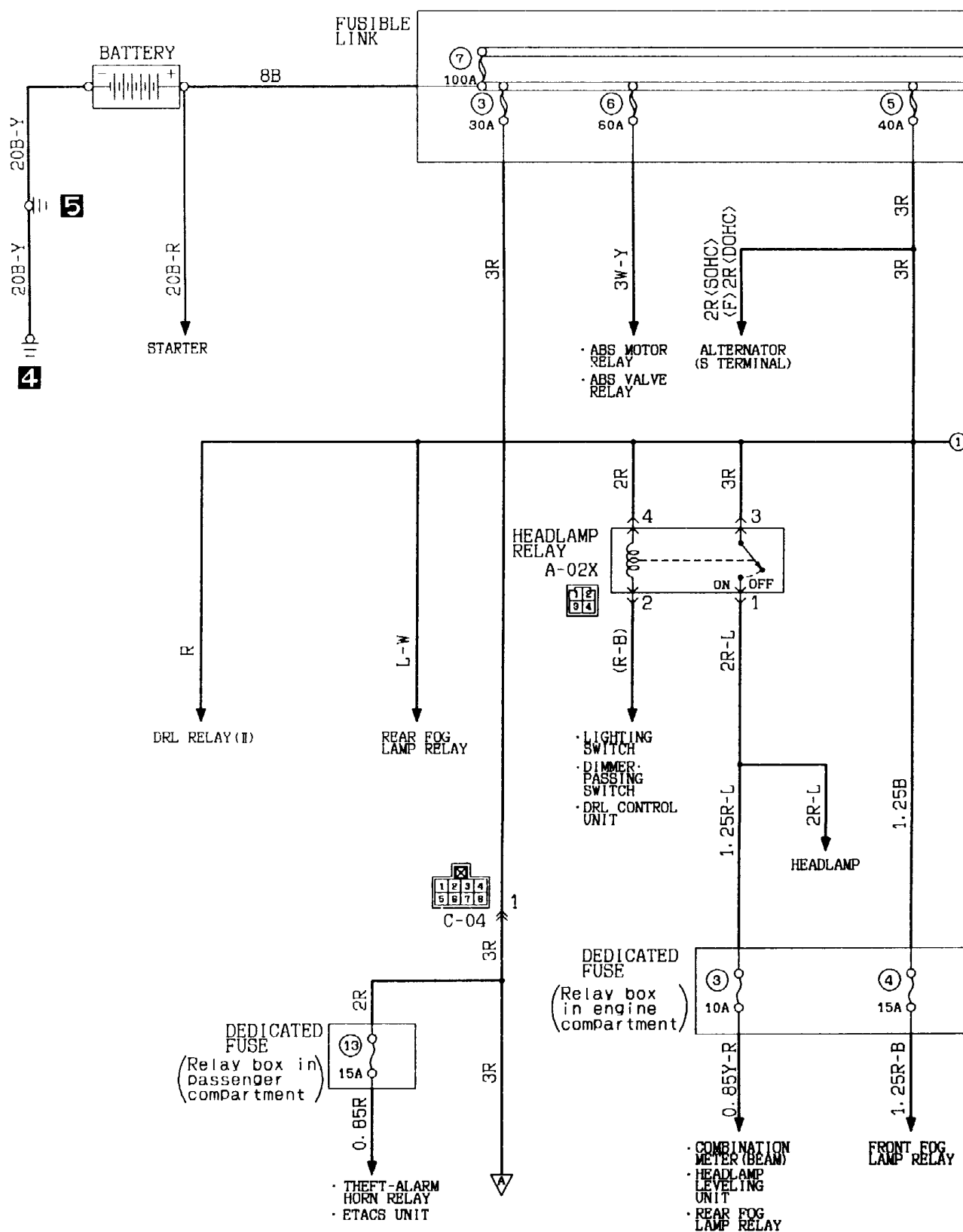
<L.H. drive vehicles built from November 1991>

1 POWER DISTRIBUTION SYSTEM	4-272	14 LUGGAGE COMPARTMENT LAMP AND GLOVE BOX LAMP	4-344
2 STARTING SYSTEM		15 DOOR LAMP	4-346
2-1 Vehicles without theft-alarm system	4-278	16 AIR CONDITIONER CONTROL PANEL LAMP	4-347
2-2 Vehicles with theft-alarm system <M/T>	4-278-1	17 TURN-SIGNAL LAMP AND HAZARD LAMP	4-348
2-3 Vehicles with theft-alarm system <A/T>	4-278-2	18 STOP LAMP	4-351
3 IGNITION SYSTEM		19 BACK-UP LAMP	4-352
3-1 SOHC	4-279	20 HORN	4-353
3-2 DOHC	4-280	21 METER AND GAUGE	4-354
4 CHARGING SYSTEM		22 WARNING LAMP	4-358
4-1 SOHC	4-281	23 INDICATOR LAMP	4-362
4-2 DOHC	4-282	24 POWER WINDOW	4-366
5 MPI-SOHC SYSTEM		25 CENTRAL DOOR LOCKING SYSTEM	
5-1 M/T	4-284	25-1 Vehicles without theft-alarm system	4-372
5-2 A/T	4-289	25-2 Vehicles with theft-alarm system	4-374-1
6 MPI-DOHC SYSTEM		26 HEATER AND AIR CONDITIONER	
6-1 M/T	4-294	26-1 SOHC	4-375
6-2 A/T <with TCL>	4-300	26-2 DOHC	4-381
6-3 A/T <without TCL>	4-307	27 WINDSHIELD WIPER AND WASHER	4-387
7 COOLING SYSTEM	4-314	28 REAR WIPER AND WASHER	4-389
8 ELC 4-SPEED AUTOMATIC TRANSMISSION	4-317	29 HEADLAMP WASHER	4-392
9 HEADLAMP		30 DEFOGGER AND DOOR MIRROR HEATER	4-394
9-1 Vehicles with daytime running lamp	4-322	31 REMOTE CONTROLLED MIRROR	4-397
9-2 Vehicles without daytime running lamp	4-326	32 RADIO AND TAPE PLAYER	4-399
9-3 Headlamp leveling system	4-329	33 CLOCK	4-401
10 TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP	4-331		
11 FRONT FOG LAMP	4-335		
12 REAR FOG LAMP	4-338		
13 ROOM LAMP, MAP LAMP, FOOT LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP	4-342		

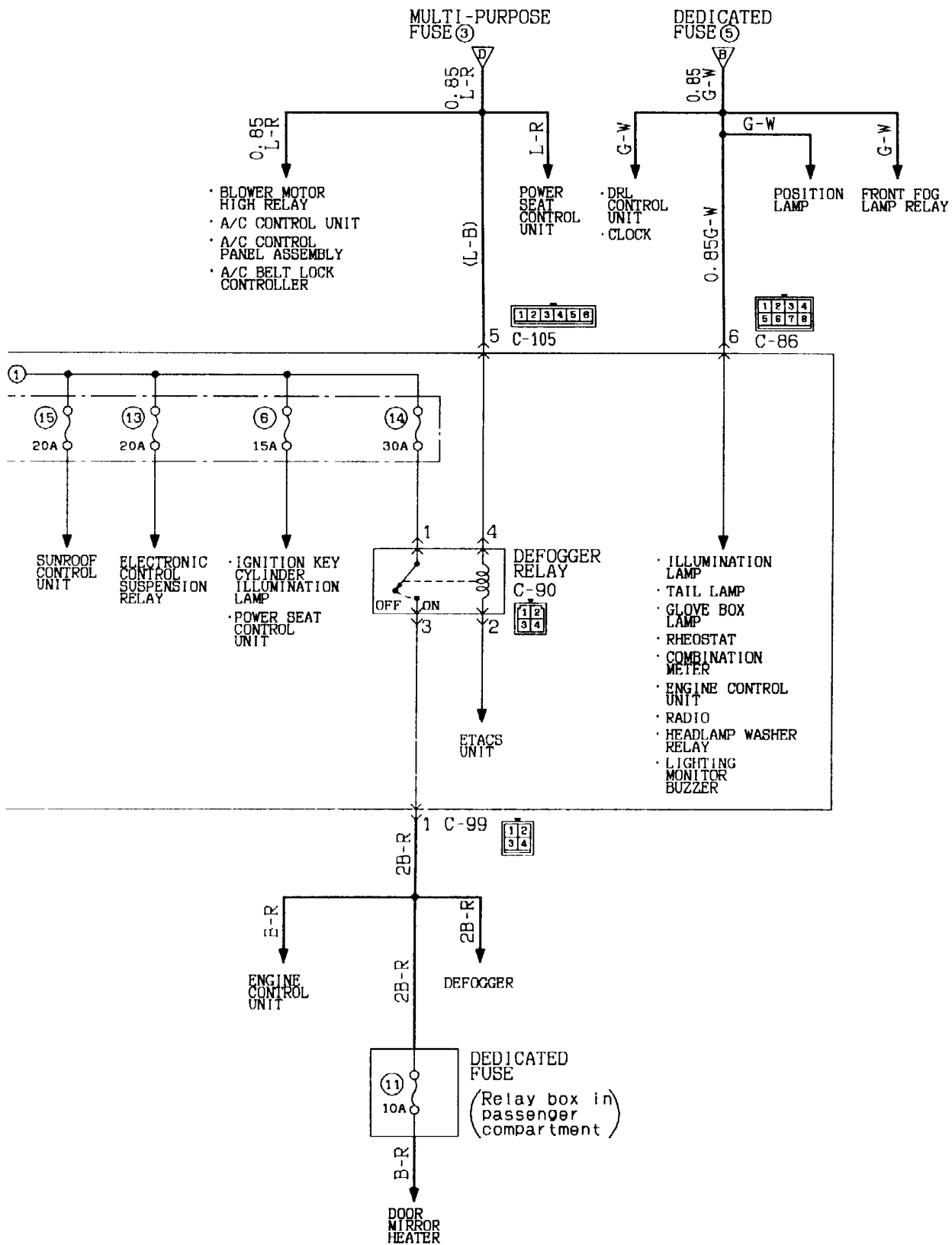
34 CIGARETTE LIGHTER	4-402	41 SUNROOF	4-430
35 ACCESSORY SOCKET	4-403	42 HEATED SEAT	4-432
36 ACTIVE-ELECTRONIC CONTROL SUSPENSION	4-404	43 POWER SEAT	4-434
37 ANTI-SKID BRAKE SYSTEM	4-412	44 SUPPLEMENTAL RESTRAINT SYSTEM (SRS)	4-442
38 TRACTION CONTROL SYSTEM	4-415	45 JUNCTION BLOCK	4-444
39 AUTO-CRUISE CONTROL SYSTEM	4-422	46 CENTRALIZED JUNCTION	4-446
40 ELECTRONIC CONTROL POWER STEERING	4-428	47 THEFT-ALARM SYSTEM	4-450-1

NOTES

1 POWER DISTRIBUTION SYSTEM

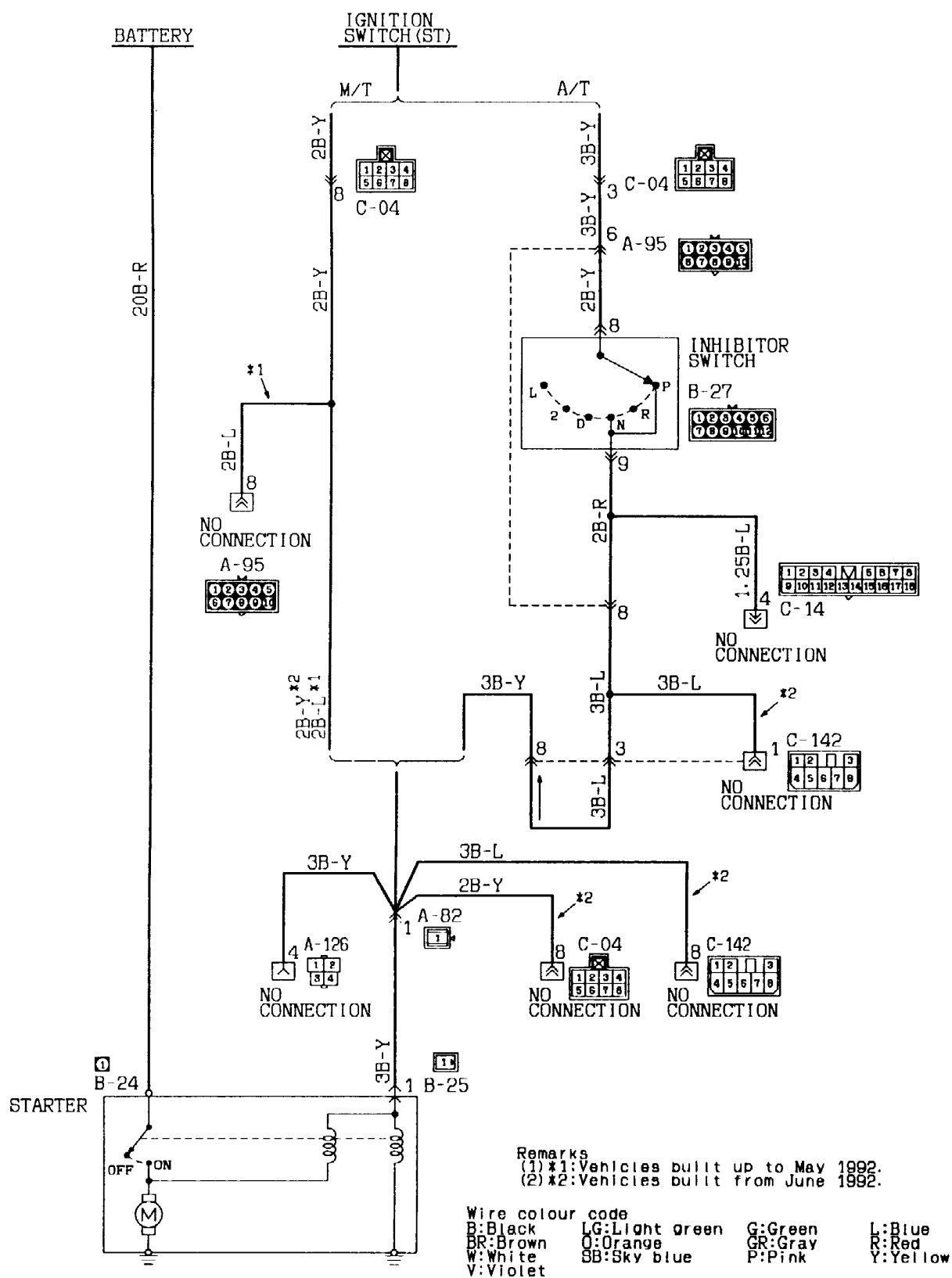


KX35-AC-J0105-EC



2 STARTING SYSTEM

2-1 Vehicles without Theft-Alarm System



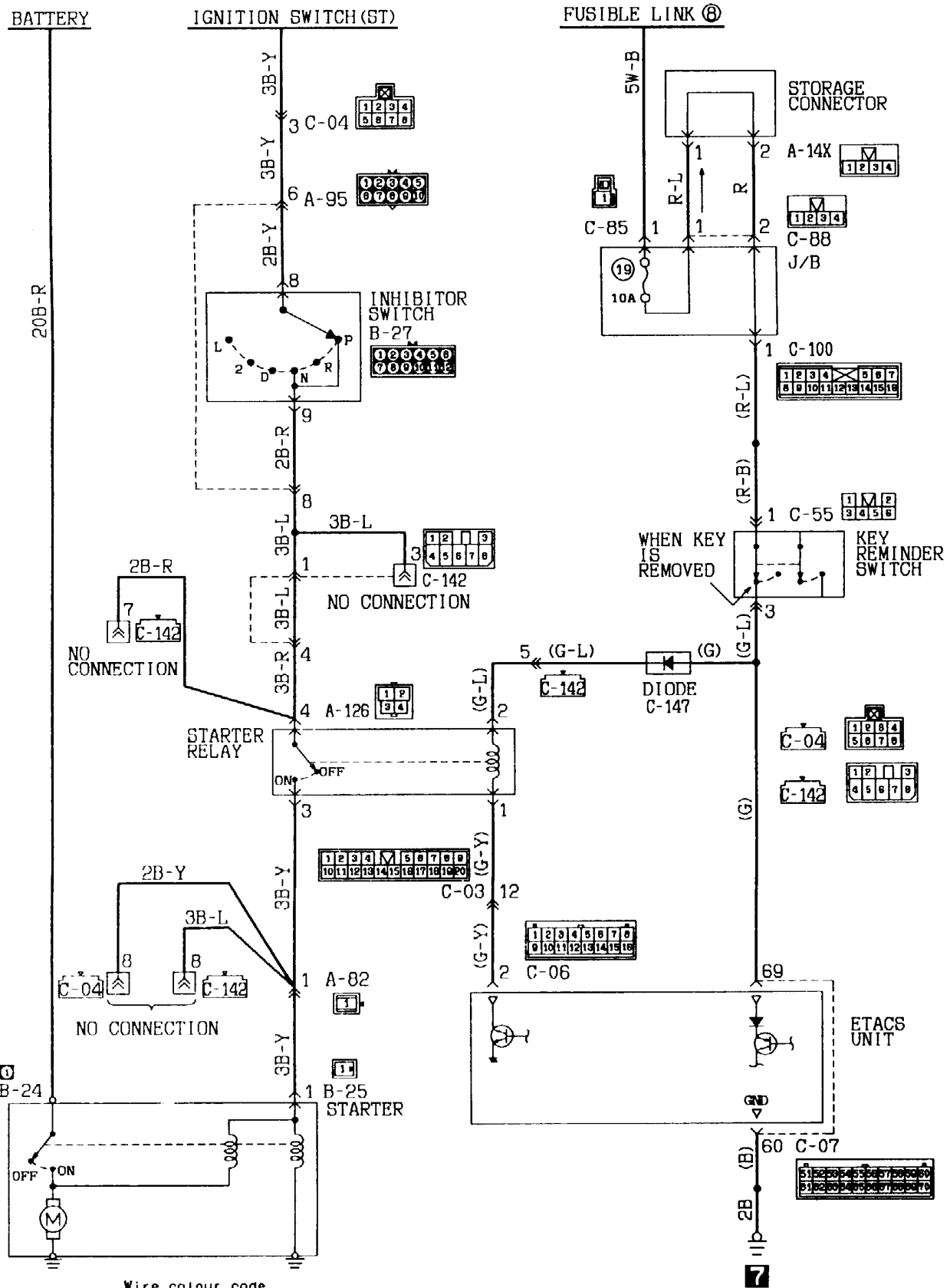
KX95-AC-J0207-EC

FUSIBLE LINK ⑧



SB: Sky blue

2-3 Vehicles with Theft-Alarm system (A/T)



KX35-AC-J0209-EC

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

STARTING SYSTEM (See P.4-278, -1, -2.)**OPERATION**

- 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.

TROUBLESHOOTING HINTS

1. Starter motor does not turn over at all.
 - Check starter (coil).
 - Check battery terminals for proper contact.
 - Check the inhibitor switch. <A/T>
2. Starter motor does not stop rotation.
 - Check starter (magnet switch).

4-278-4

NOTES

CHARGING SYSTEM (See P.4-281, 282.)**OPERATION****When engine is stationary**

- When the ignition switch is turned to the ON position, current flows 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.

Remark

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

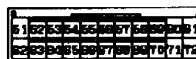
TROUBLESHOOTING HINTS

1. Charging indicator lamp does not go on when the ignition switch is turned to "ON", before the engine starts.
 - Check the lamp 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).

5-1 M/T



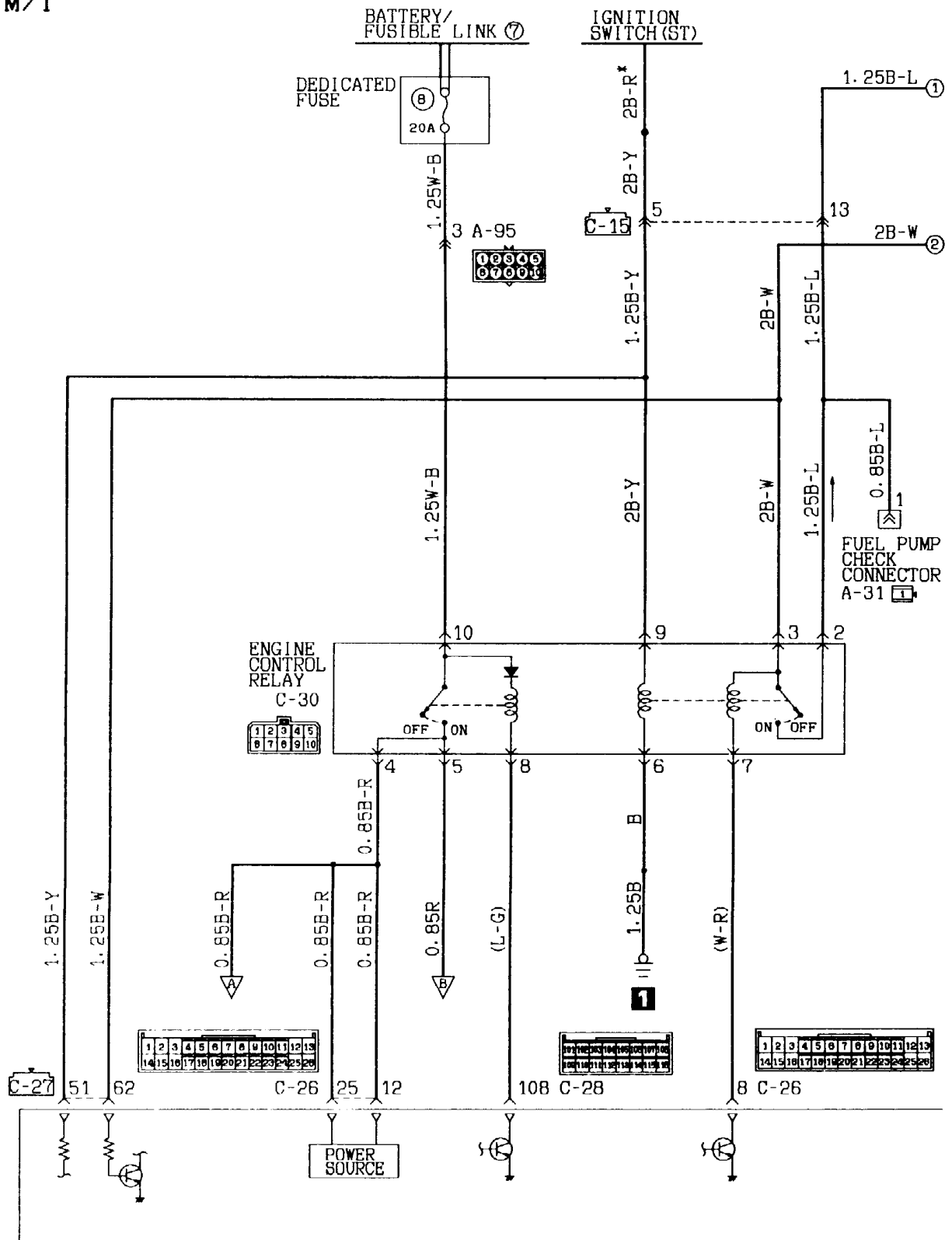
ENGINE CONTROL UNIT



KX35-AC-J0508-EC



6 MPI-DOHC SYSTEM
6-1 M/T



Remark
*: Vehicles with Theft-Alarm system.

ENGINE CONTROL UNIT

C-27

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

C-15

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

KX33-AC-J0510-EC

ROOM LAMP, MAP LAMP, FOOT LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP (See P.4-342.)**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.
- When all doors are closed, the timer function of the ETACS unit will be activated to gradually dim the room lamp and turn it off in approx. 6 seconds.

Remarks

- If the ignition switch is in the "ON" position, it will immediately go out without dimming.

<FOOT LAMP>

- When any door is opened, the foot lamp will come on.
- When all doors are closed, the timer function of the ETACS unit will be activated to gradually dim the foot lamp and turn it off in approx. 6 seconds.

Remarks

- If the ignition switch is in the "ON" position, it will immediately go out without dimming.

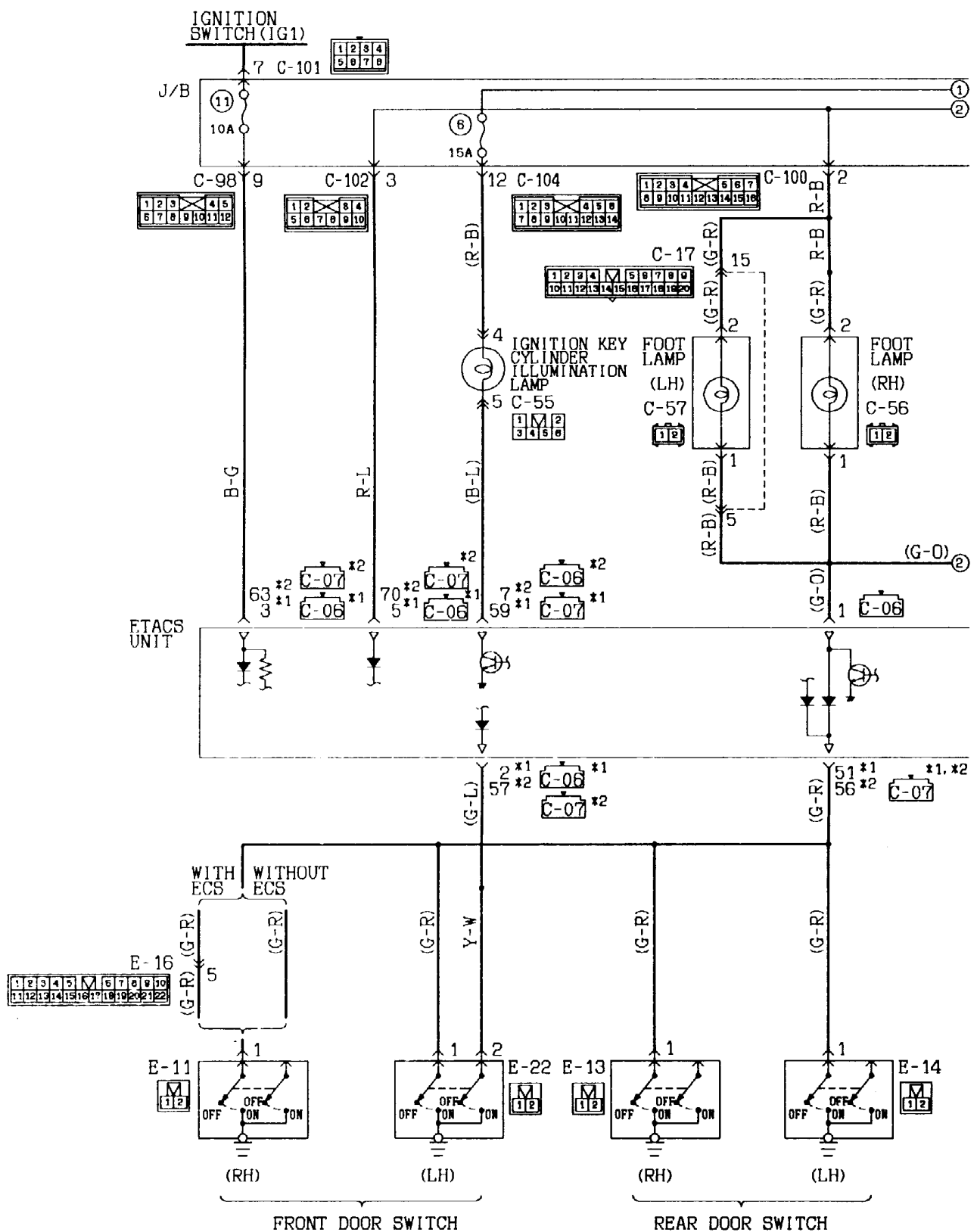
<IGNITION KEY CYLINDER ILLUMINATION LAMP>

- When the driver's seat door is opened, the illumination lamp of the ignition key cylinder will be lit for approx. 10 seconds with the timer function of the ETACS unit.
- The illumination lamp of the ignition key cylinder will go out when the ignition switch is turned into the "ON" position while the lamp is lit.

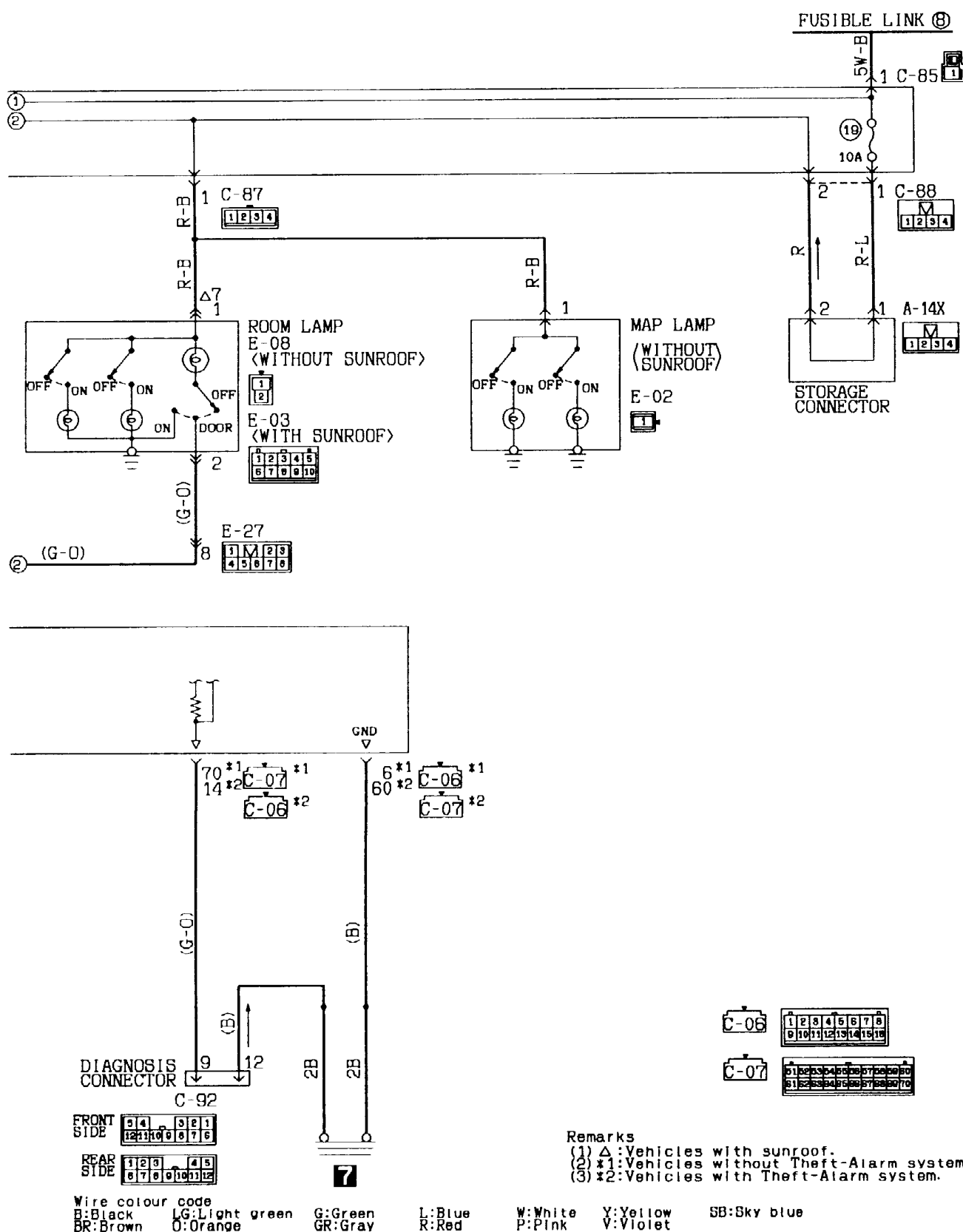
TROUBLESHOOTING HINTS

1. Room lamp, map lamp and foot lamp do not go on.
 - Check multi-purpose fuse No. ⑱.
2. Room lamp does not go on when any door is opened with the room lamp switch in the "DOOR" position.
 - Check lamp bulb.
 - Check room lamp switch.
3. Room lamp does not go on when a door is opened with the room lamp switch in the "DOOR" position.
 - Check door switch.
4. Ignition key cylinder illumination lamp does not go on.
 - Check multi-purpose fuse No. ⑥.
 - Check driver's side door switch.
5. When the door is closed, the room lamp and foot lamp immediately go out.
 - Check ETACS unit.

13 ROOM LAMP, MAP LAMP, FOOT LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP



KX35-AC-J0847-EC



FUSIBLE LINK (8)

5W-B

1 C-85

J/B

10A

1 C-88

R-L

1

STORAGE CONNECTOR

A-14X

2

R

2 C-88

J/B

1 C-100

(R-L)

1

LUGGAGE COMPARTMENT LAMP G-05

2

*2

G-B

DIODE C-150

BR-L

*1

G-B

5

G-B

1

LUGGAGE COMPARTMENT LAMP SWITCH H-04

OFF ON

TAIL LAMP RELAY

2R-W

5

15A

0.85G-W

6 C-86

8 C-89

G-W

(G-W)

GLOVE BOX LAMP D-08

B

1

GLOVE BOX LAMP SWITCH D-07

OFF ON

Remarks

- Remarks
(1)*1: Vehicles without
Theft-Alarm system.
(2)*2: Vehicles with
Theft-Alarm system.

Wire colour code

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

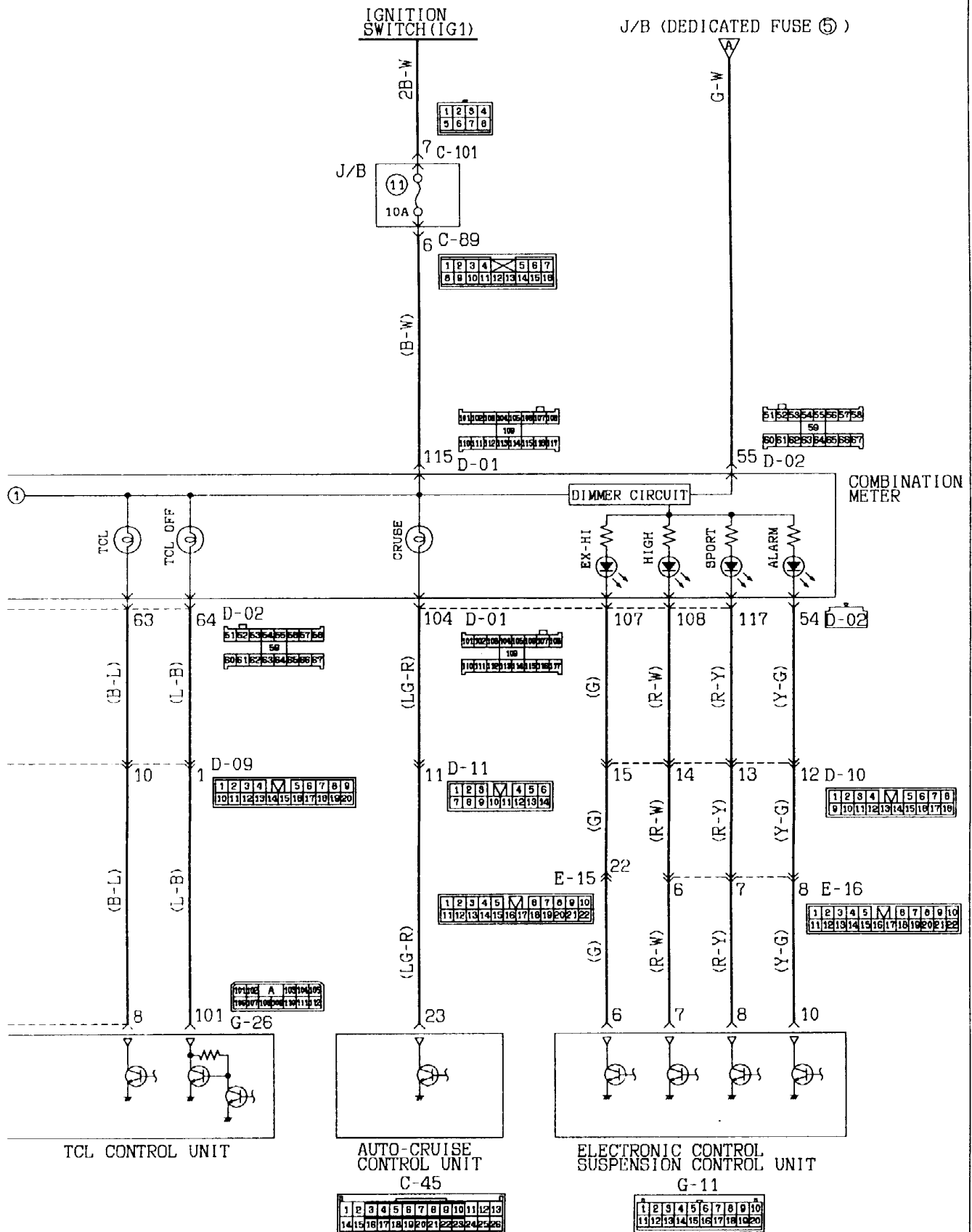
G:Green
GR:Gray

L:Blue
R:Red

W: White
P: Pink

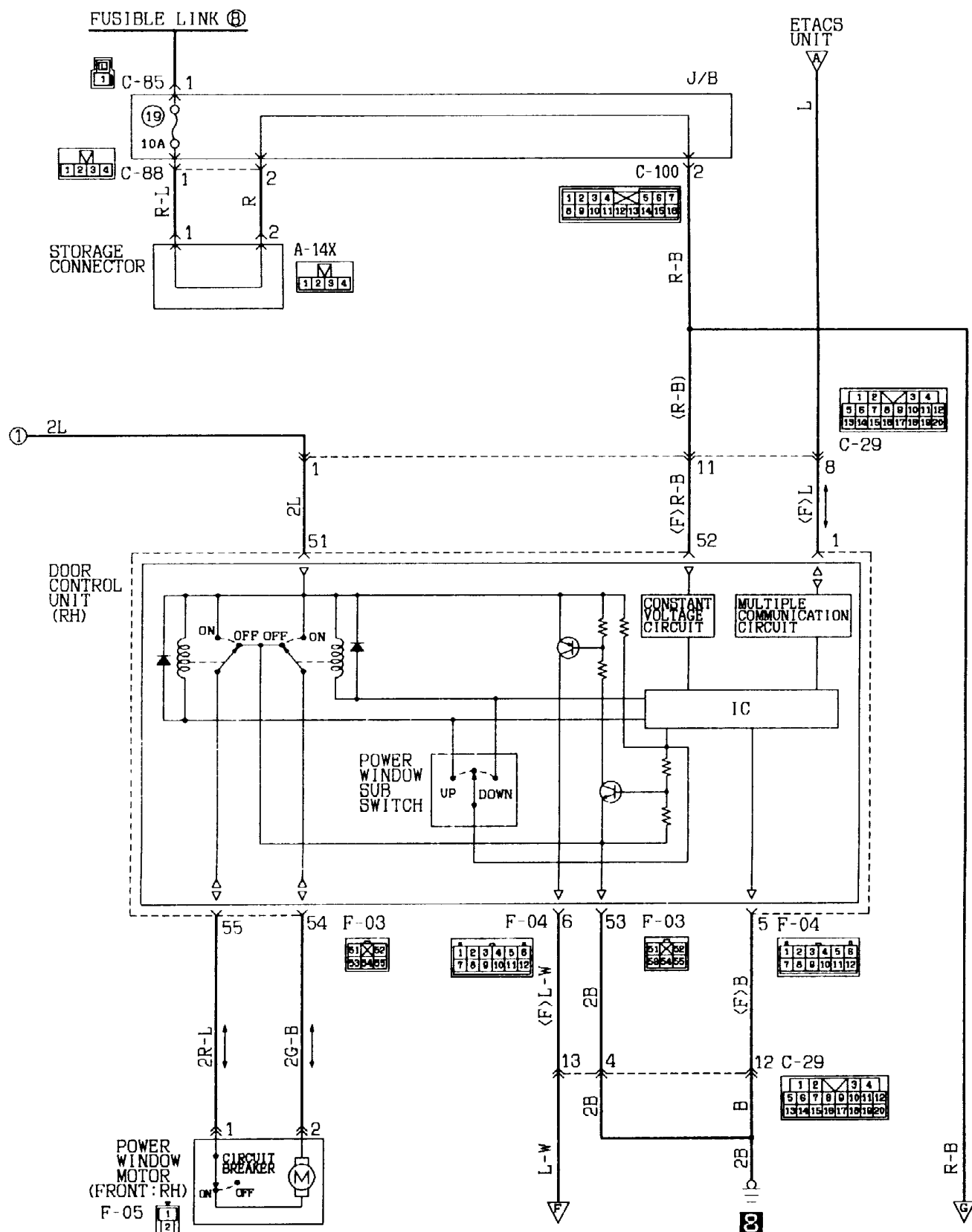
Y: Yellow
V: Violet

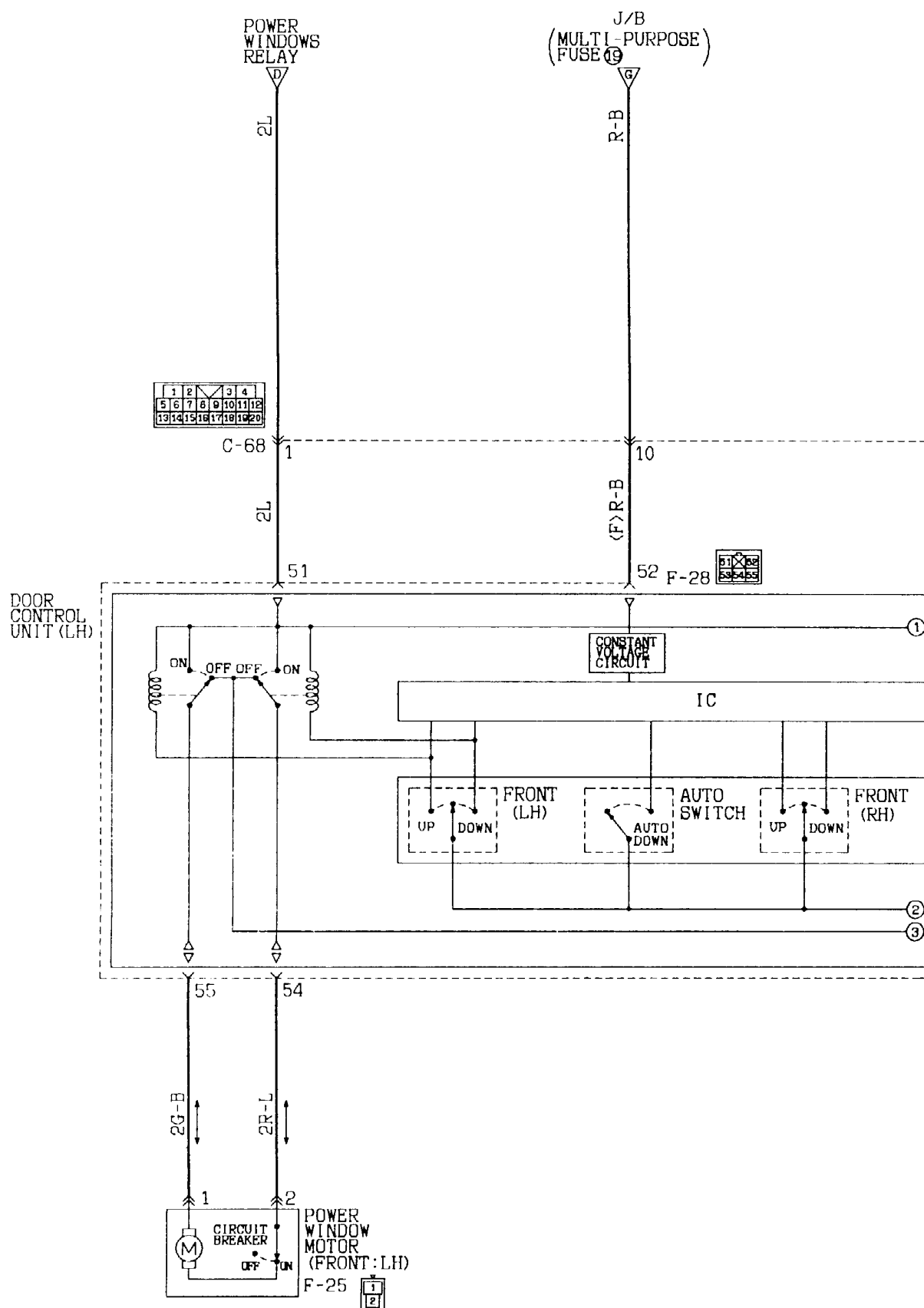
SB:Sky blue

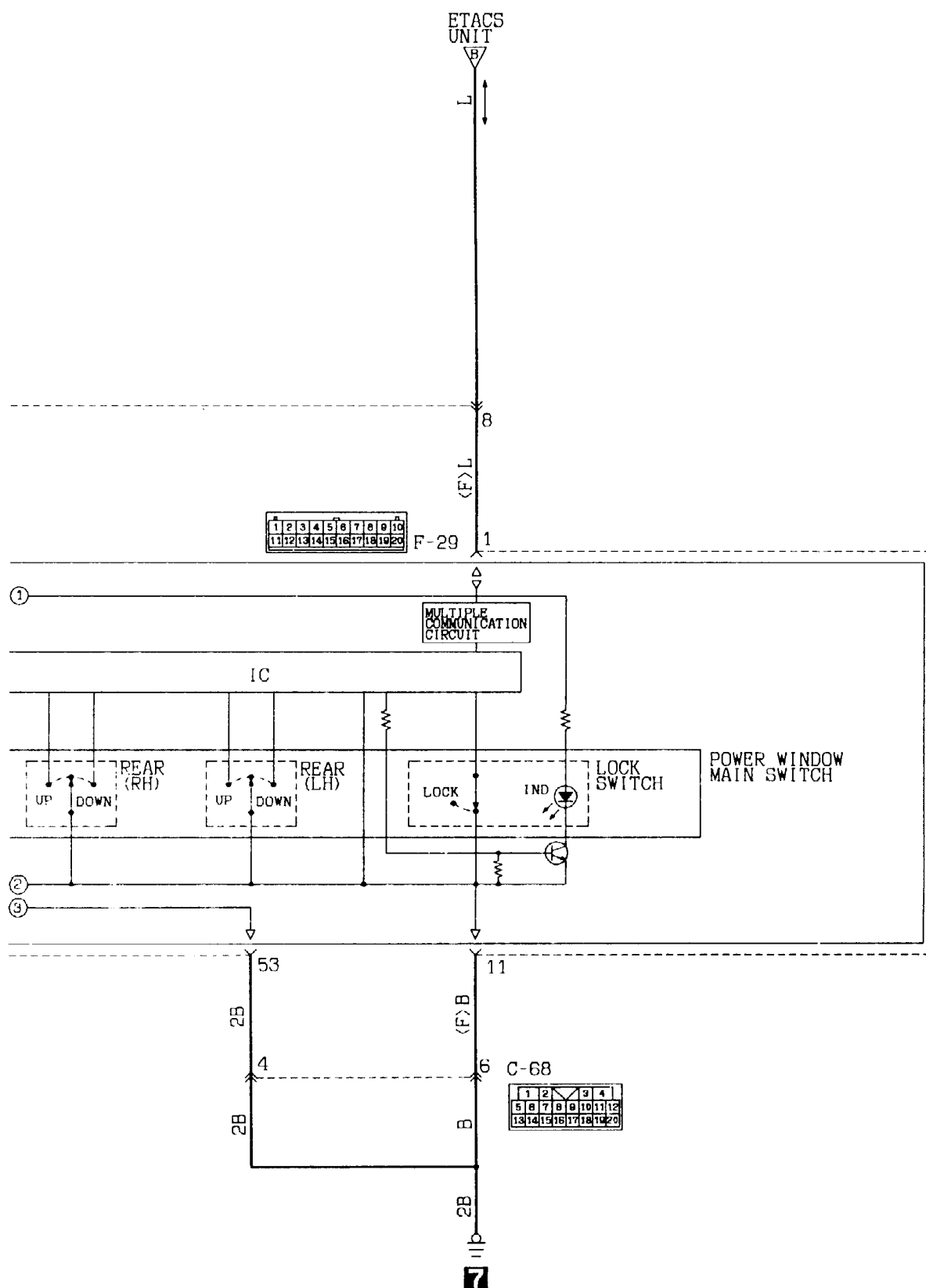


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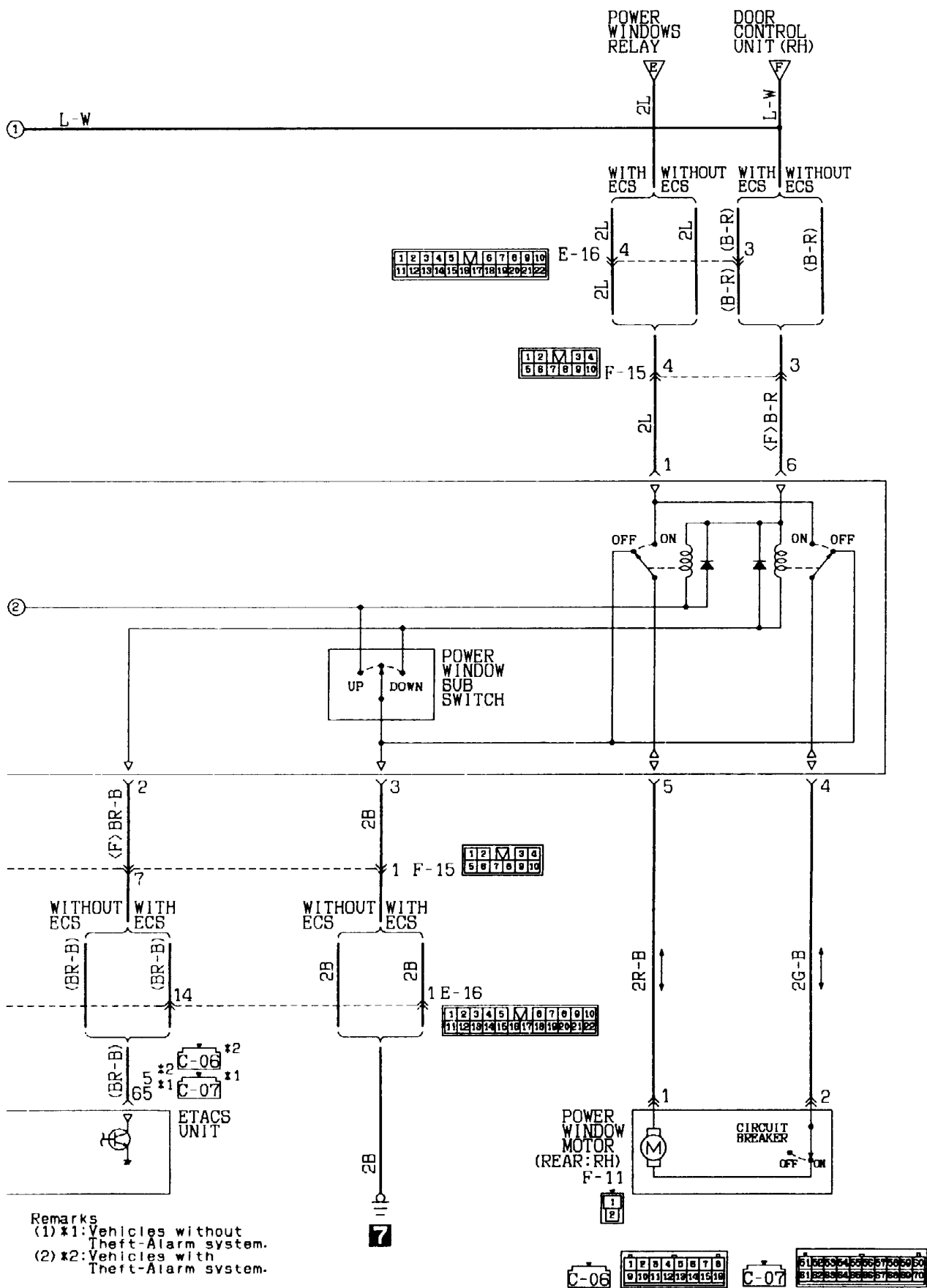
Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet





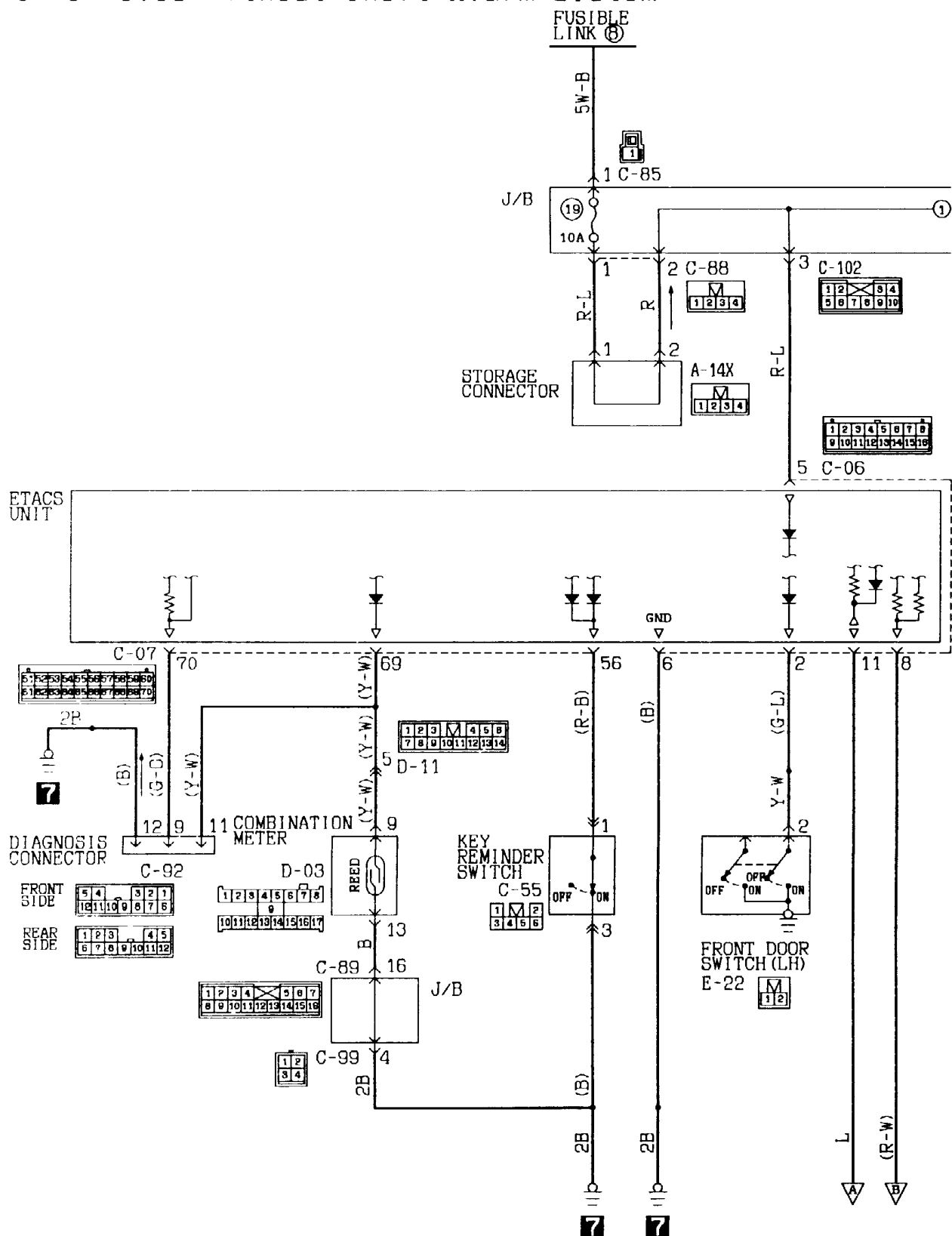






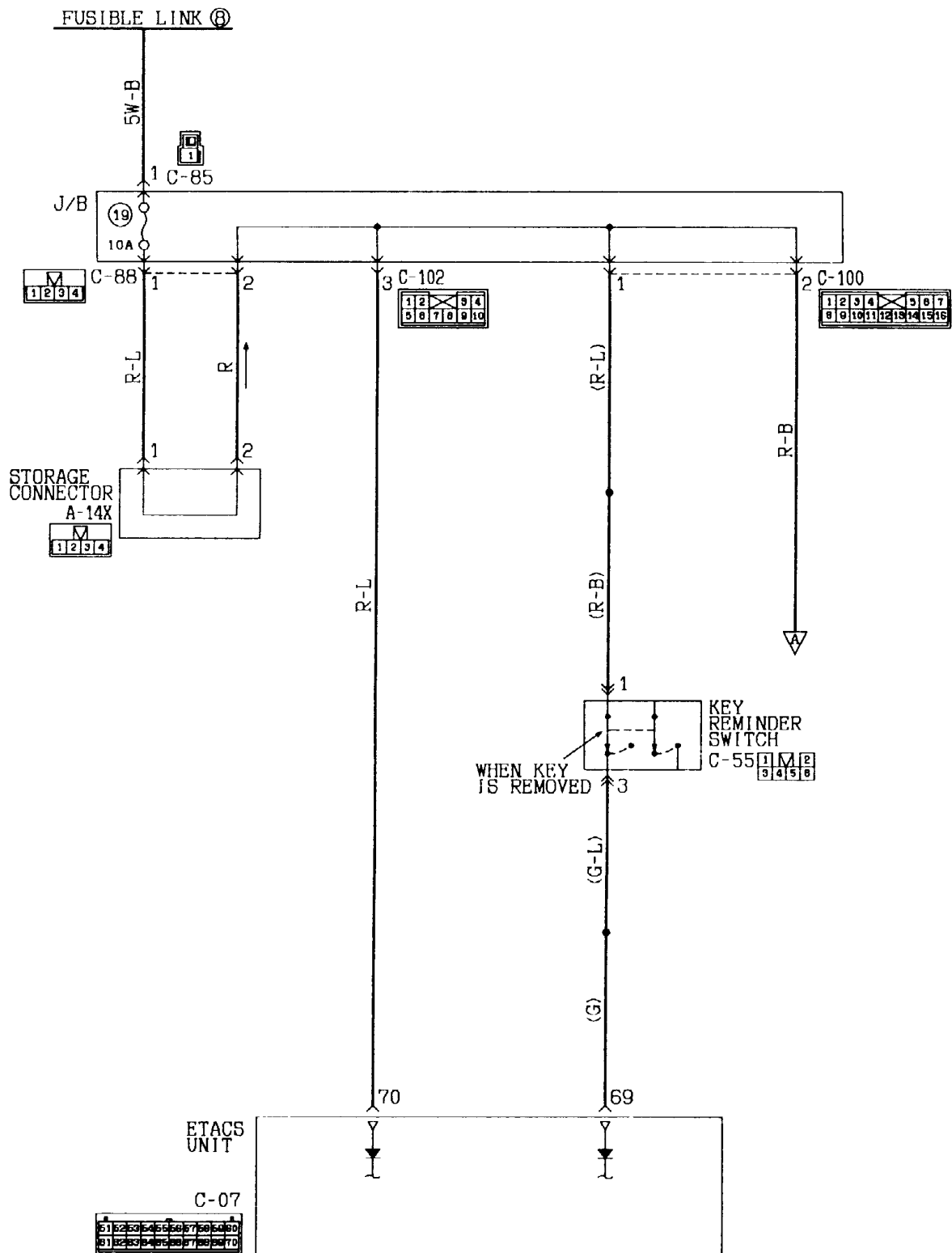
25 CENTRAL DOOR LOCKING SYSTEM

25-1 Vehicles without Theft-Alarm System



KX35-AC-J1106-EC

25-2 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

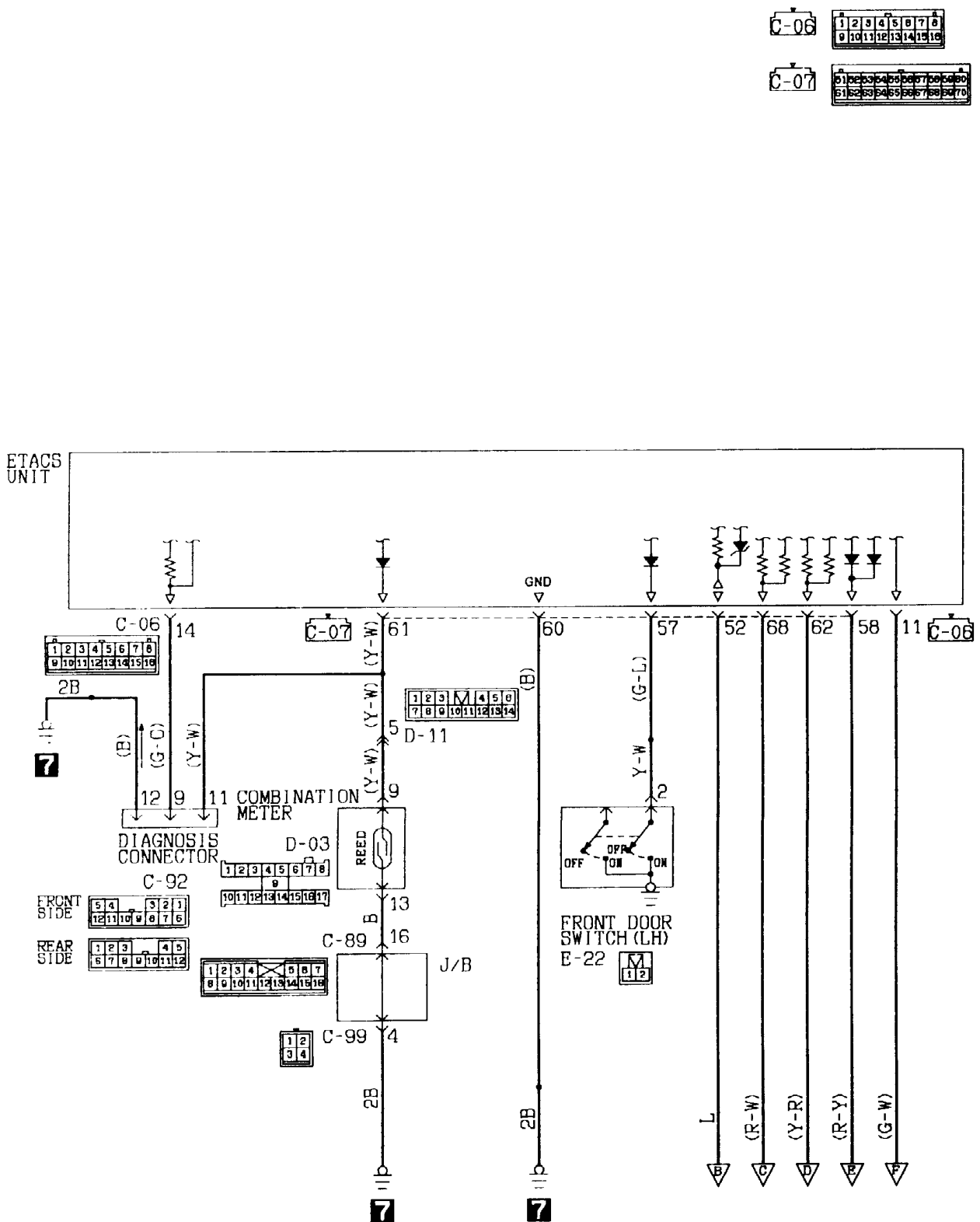
GR:Gray

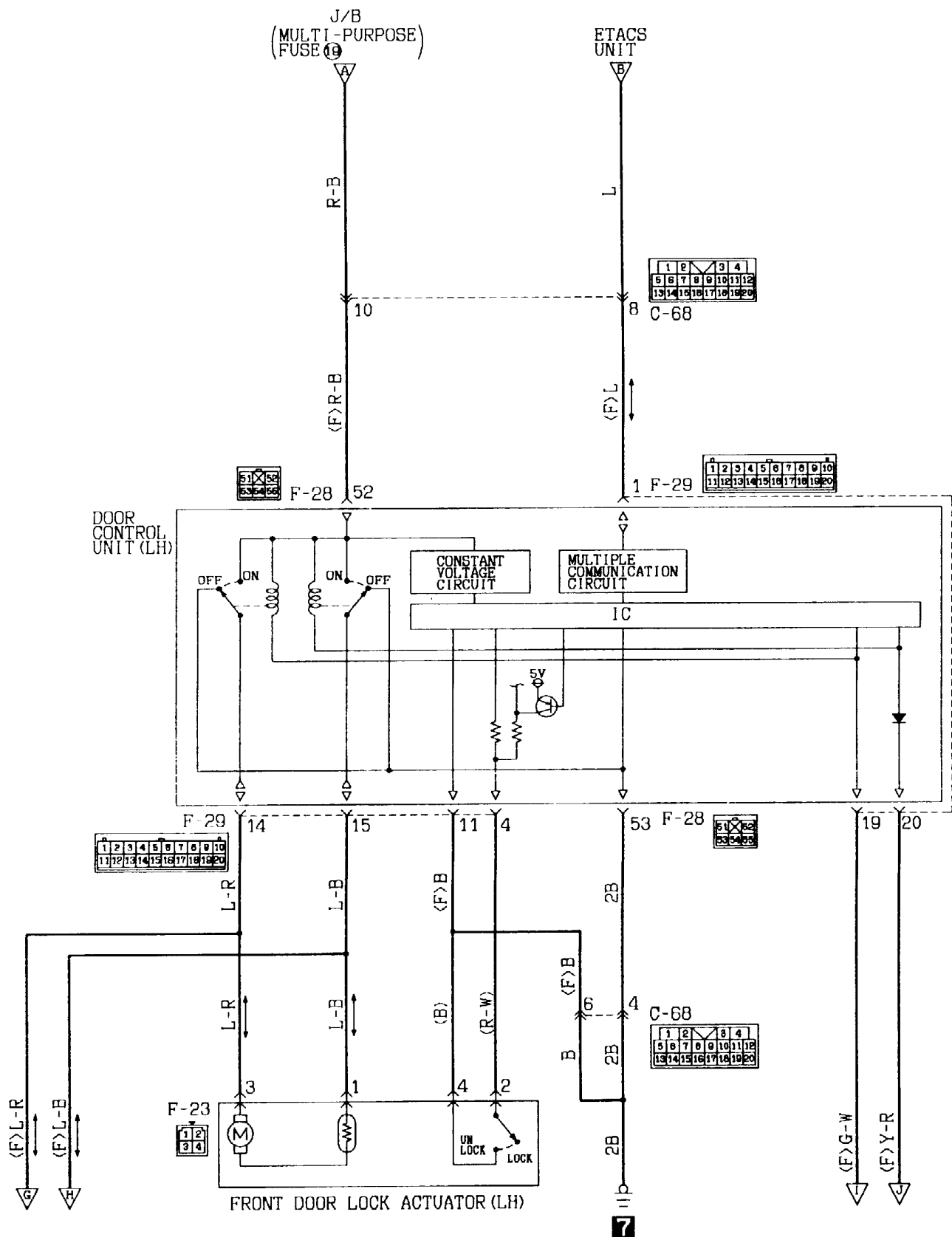
R:Red

P:Pink

V:Violet

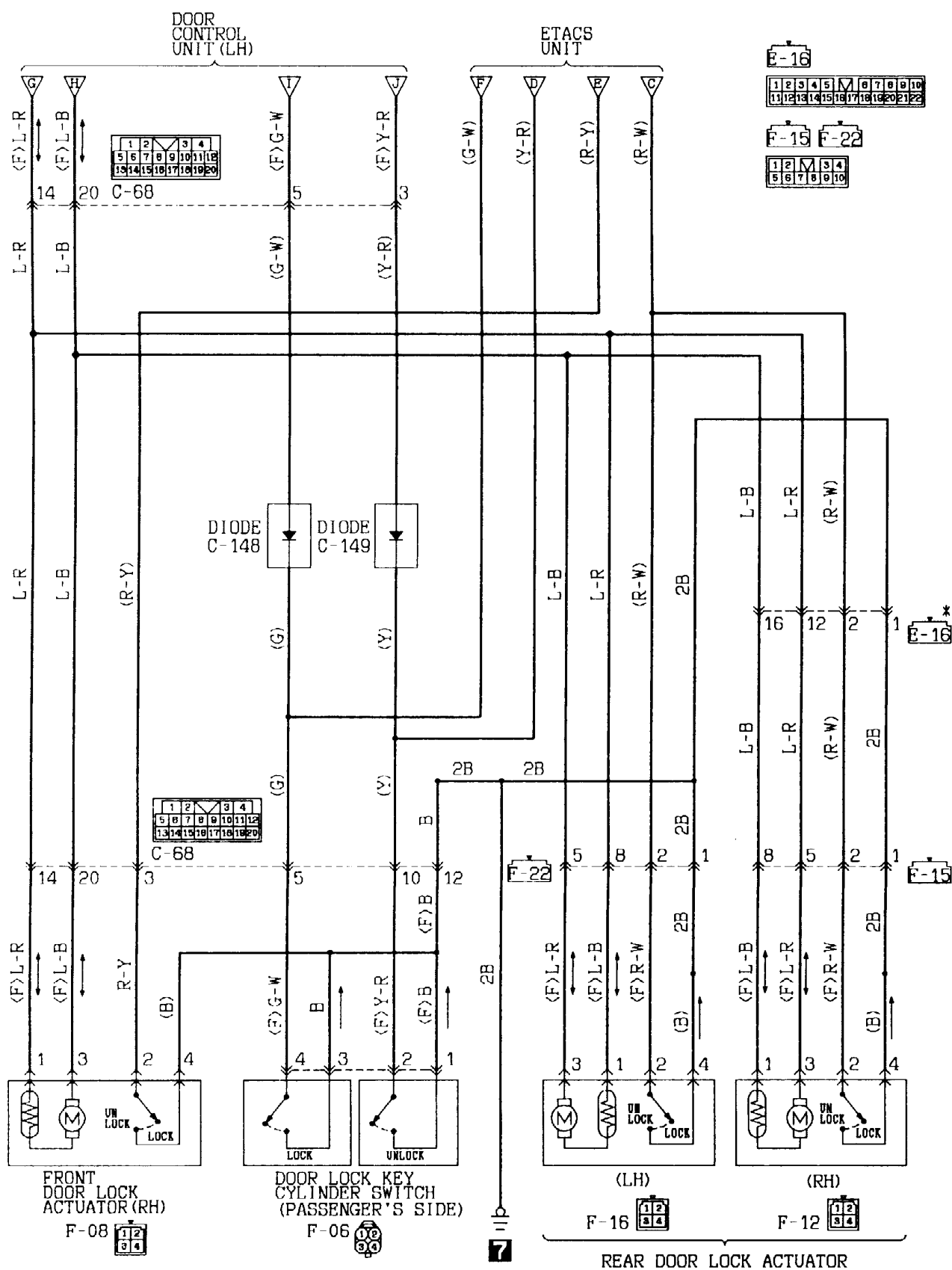
KX35-AC-J1110-EC



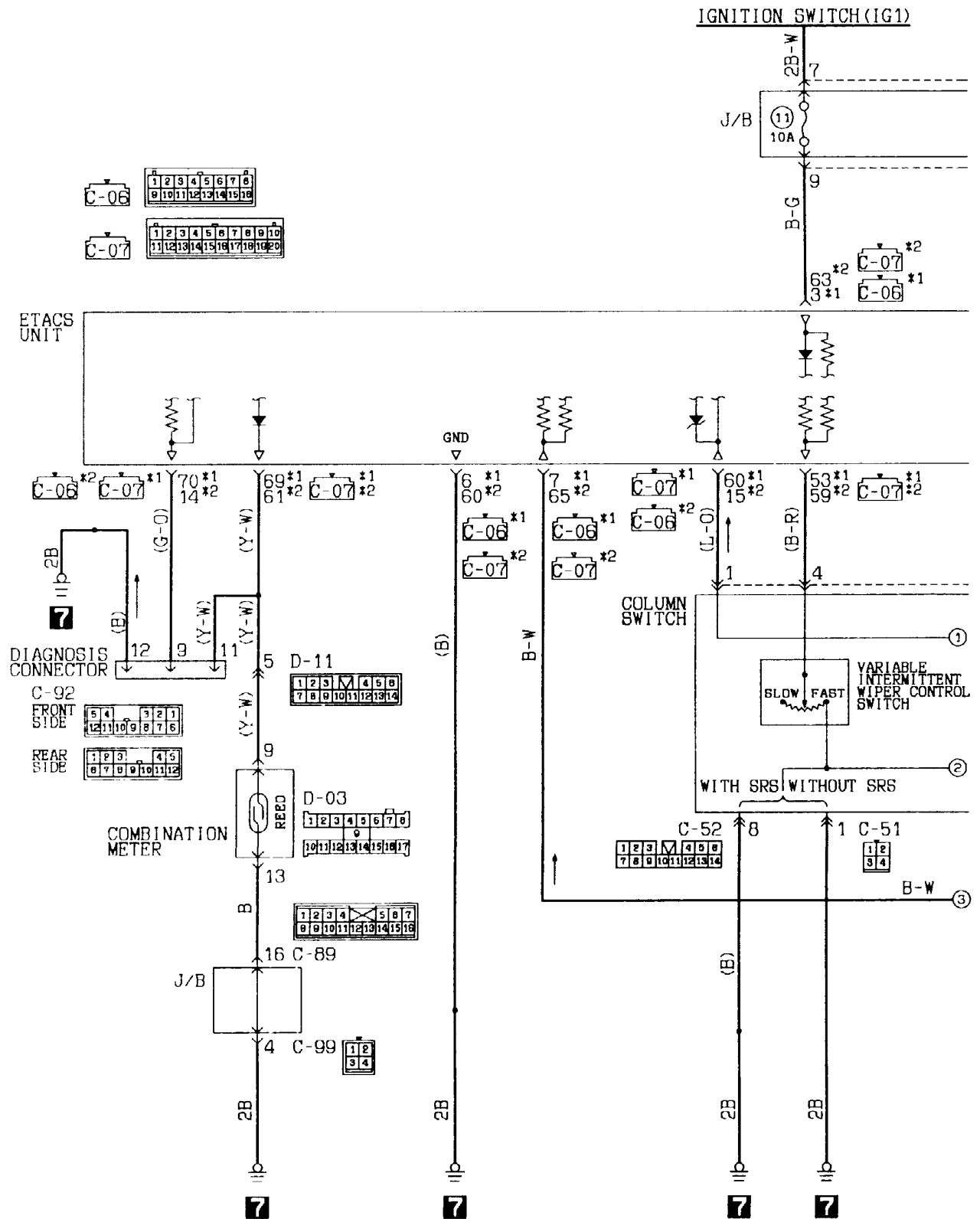


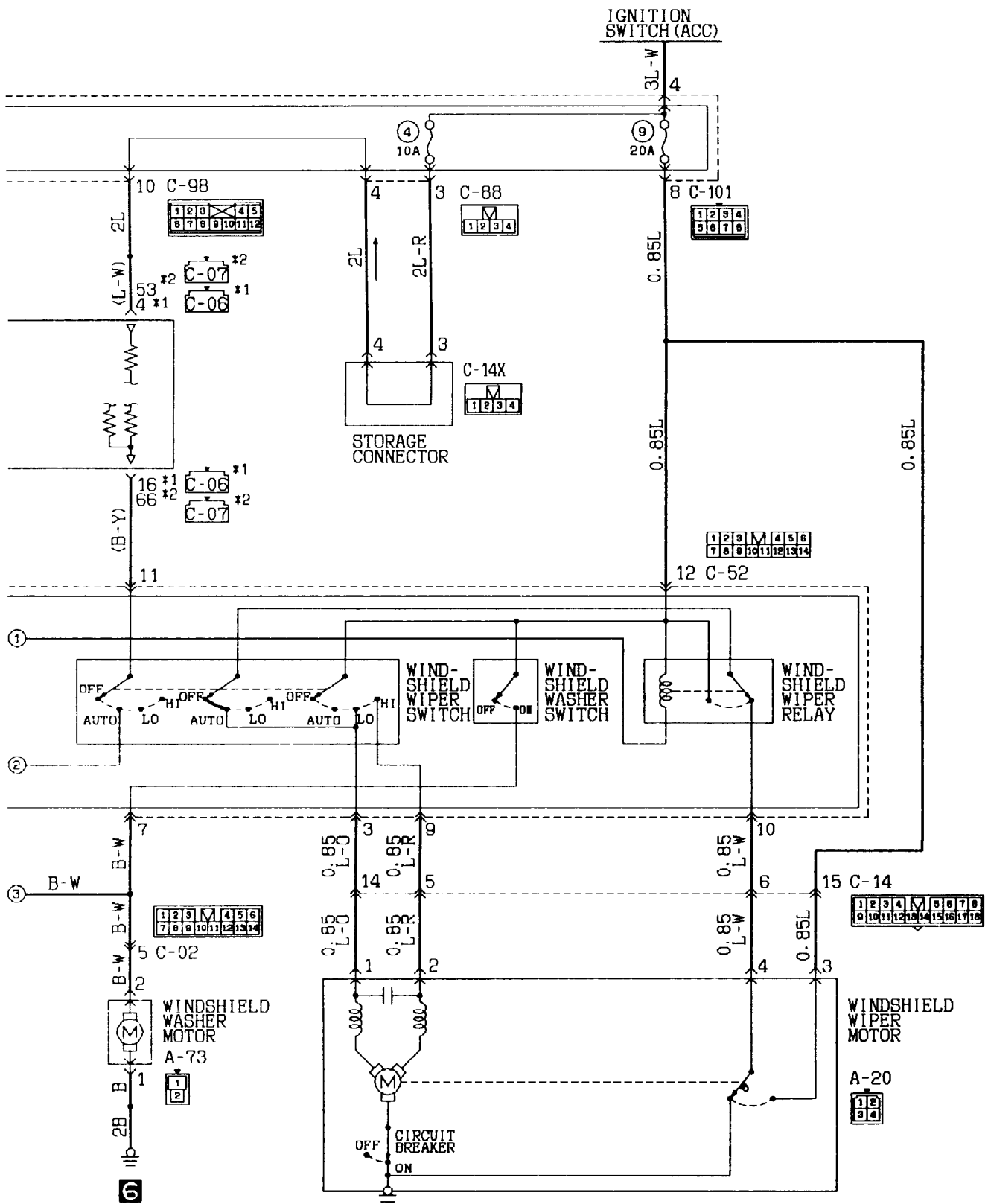
Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-J1110A-EC



27 WINDSHIELD WIPER AND WASHER





Remarks

- (1) *1: Vehicles without Theft-Alarm system.
 (2) *2: Vehicles with Theft-Alarm system.

DEFOGGER AND DOOR MIRROR HEATER (See P.4-394.)**OPERATION**

- When the defogger switch is turned on with the ignition switch in the "ON" position, the timer function of the ETACS unit will keep the defogger relay on for approx. 11 minutes and the defogger and door mirror heater will operate.
- At the same time, the defogger indicator lamp lights up indicating that the defogger and door mirror heater are in operation.
- Even if the defogger and door mirror heater are in operation, the defogger switch is pressed once again, and the defogger and door mirror heater will be turned off.

TROUBLESHOOTING HINTS

1. Defogger is inoperative.
 - 1) Indicator lamp does not come on, either.
 - Check multi-purpose fuse No. ③.
 - Check multi-purpose fuse No. ⑭.
 - Check defogger relay.
 - 2) Indicator lamp comes on.
 - Check defogger.
2. Only the door mirror heater does not operate at all.
 - Check dedicated fuse No. ⑪.
3. Timer is inoperative.
 - Check ETACS unit.

IGNITION SWITCH (IG1)
2B-W
7
11
10A
C-98

IGNITION SWITCH (IG2)
2L-B
2
3
10A
C-101
C-105

FUSIBLE LINK
5W-B
1
30A
C-85
C-90
C-99

DEFOGGER RELAY
4
2
14
C-104

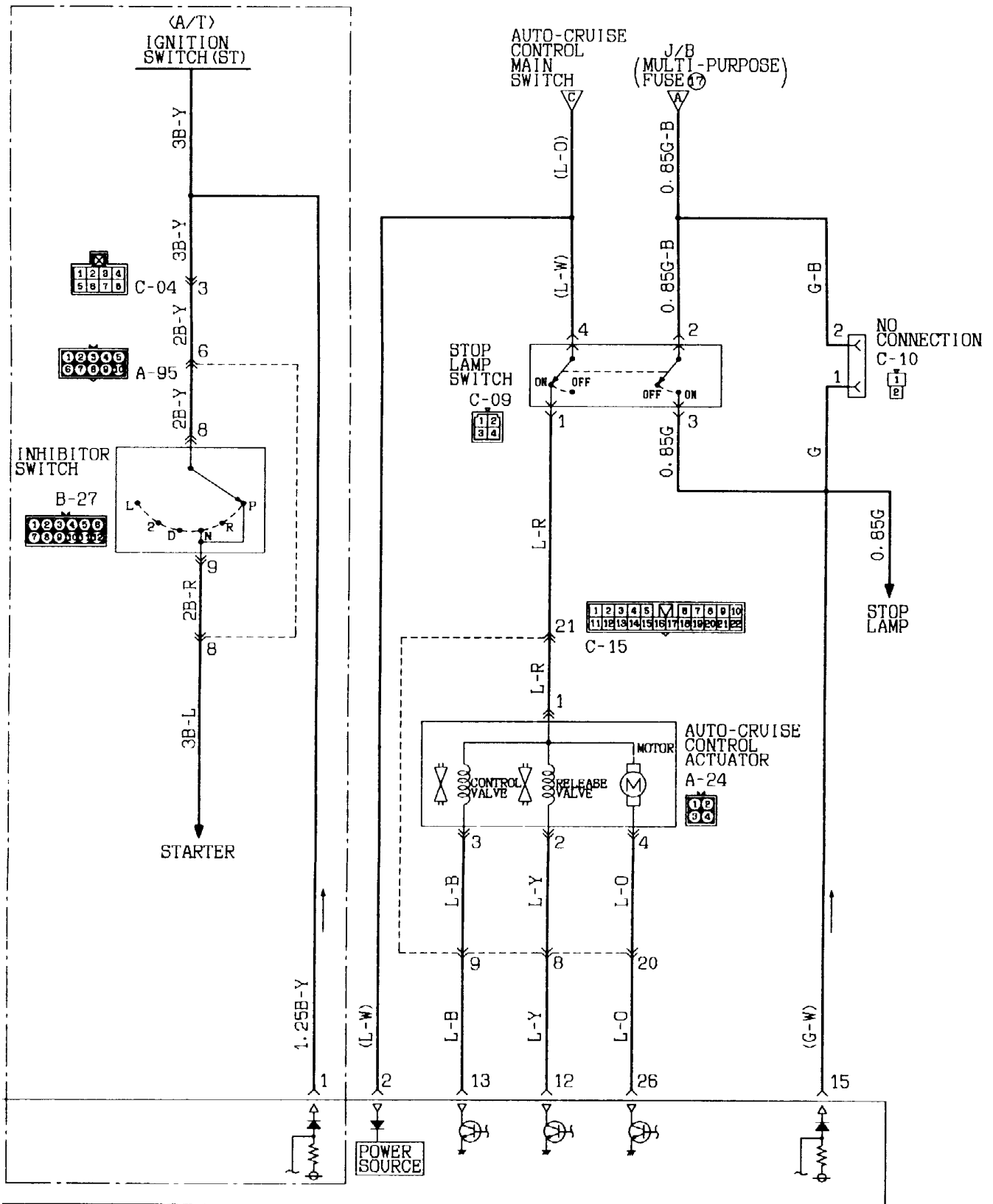
ETACS UNIT
63
3
C-07
C-08
GND

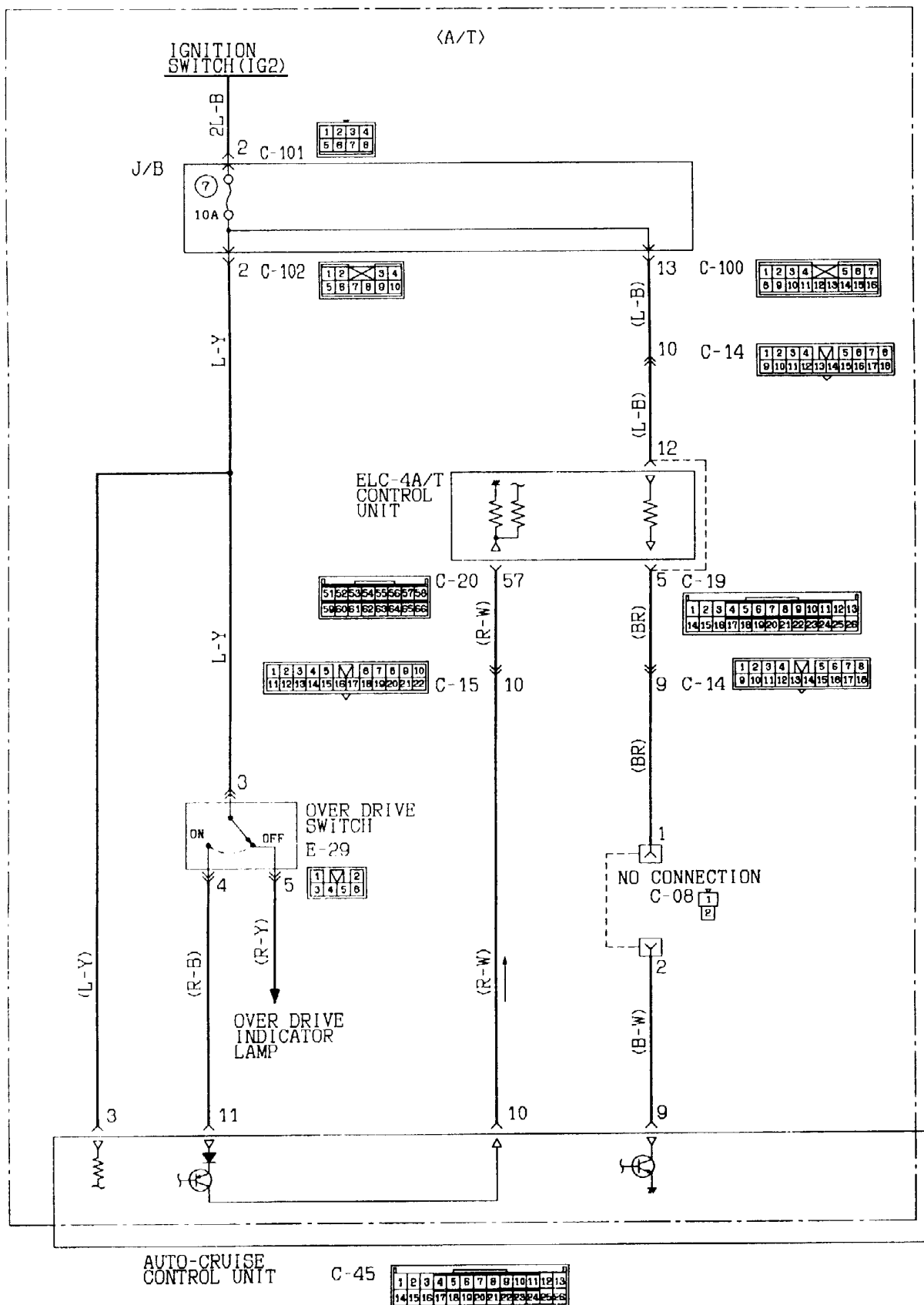
DIAGNOSIS CONNECTOR
C-92
9
12
2B

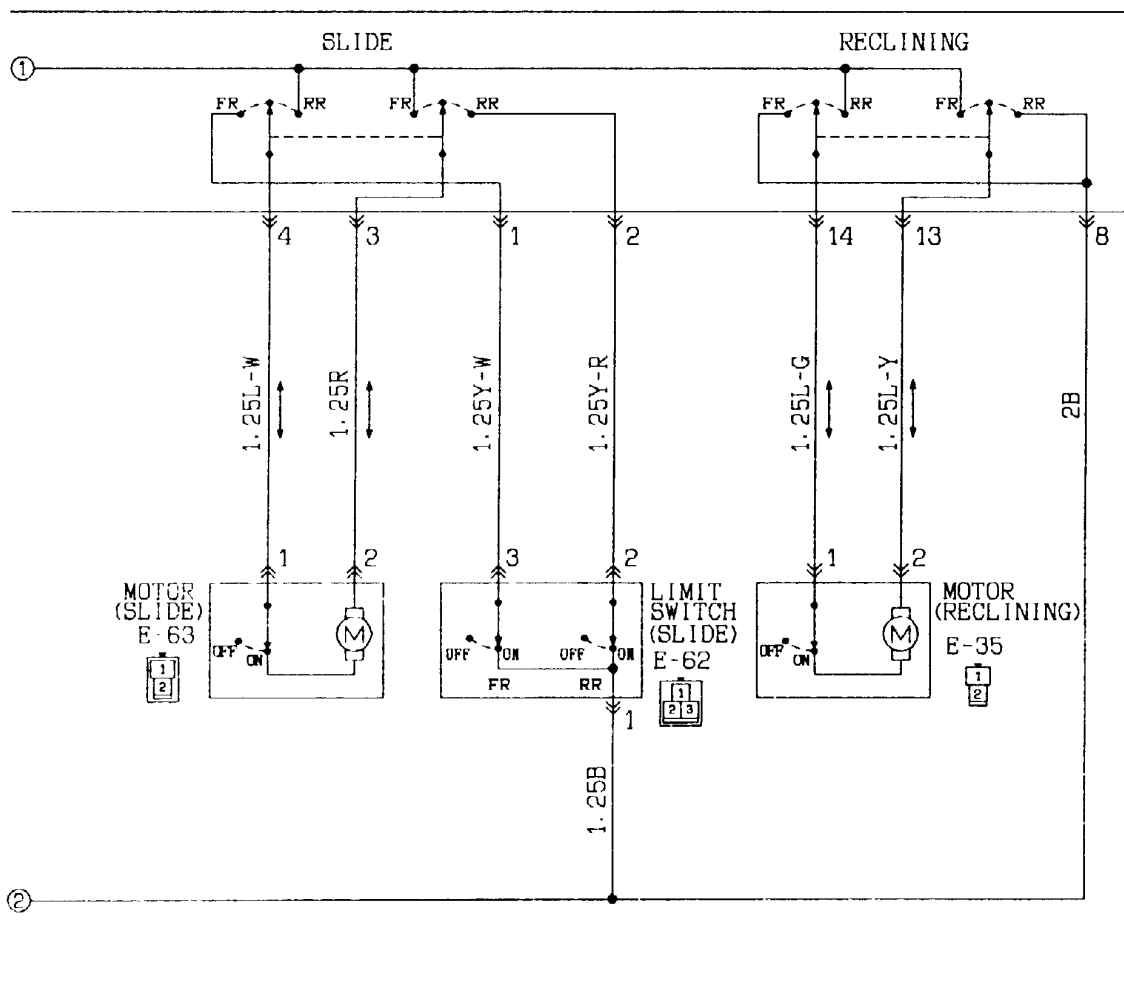
ENGINE CONTROL UNIT
C-26
24

REMARKS
(1) *1: Vehicles without Theft-Alarm system.
(2) *2: 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







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

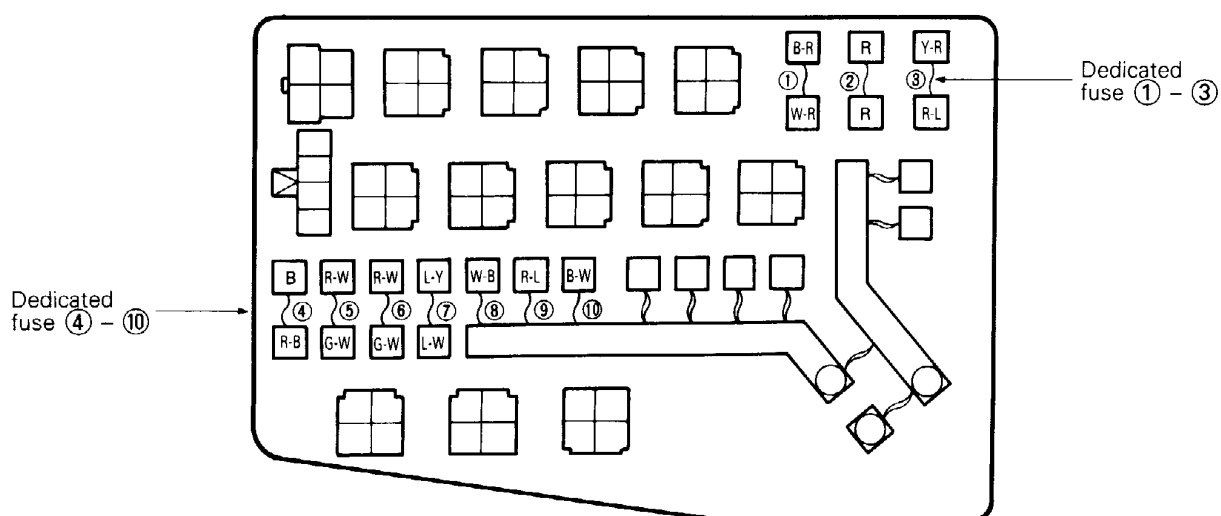
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Remarks
(1)*1: Vehicles without
Theft-Alarm system.
(2)*2: Vehicles with
Theft-Alarm system.

KX35-AC-J1531-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

DEDICATED FUSE ① – ⑩ (Relay box in engine compartment)

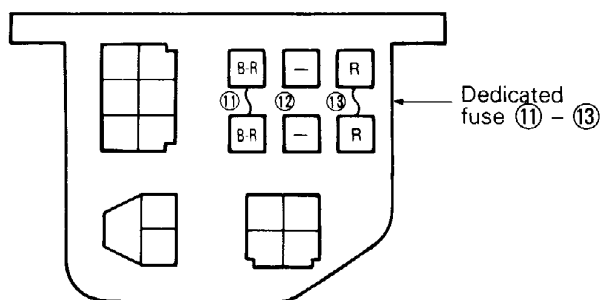
Power supply circuit	No.	Rated capacity (A)	Housing colour	Circuit
Battery	1	10	Red	A/C compressed circuit
	2	15	Blue	ACTIVE-ECS circuit
Headlamp relay (Battery)	3	10	Red	Upper beam indicator, rear fog lamp and headlamp leveling system circuit
Battery	4	15	Blue	Front fog lamp circuit
Tail lamp relay (Battery)	5	15	Blue	Tail lamp, illumination and lighting monitor buzzer circuit
	6	15	Blue	Tail lamp circuit
Battery	7	30	Green	Condenser fan circuit
	8	20	Yellow	MPI circuit
	9	15	Blue	Hazard lamp circuit
	10	30	Green	TCL circuit



16N0763

DEDICATED FUSE ⑪ – ⑬ (Relay box in passenger compartment)

Power supply circuit	No.	Rated capacity (A)	Housing colour	Circuit
Defogger relay (Battery)	11	10	Red	Door mirror heater circuit
—	12	—	—	—
Battery	13	15	Blue	Theft-alarm horn circuit

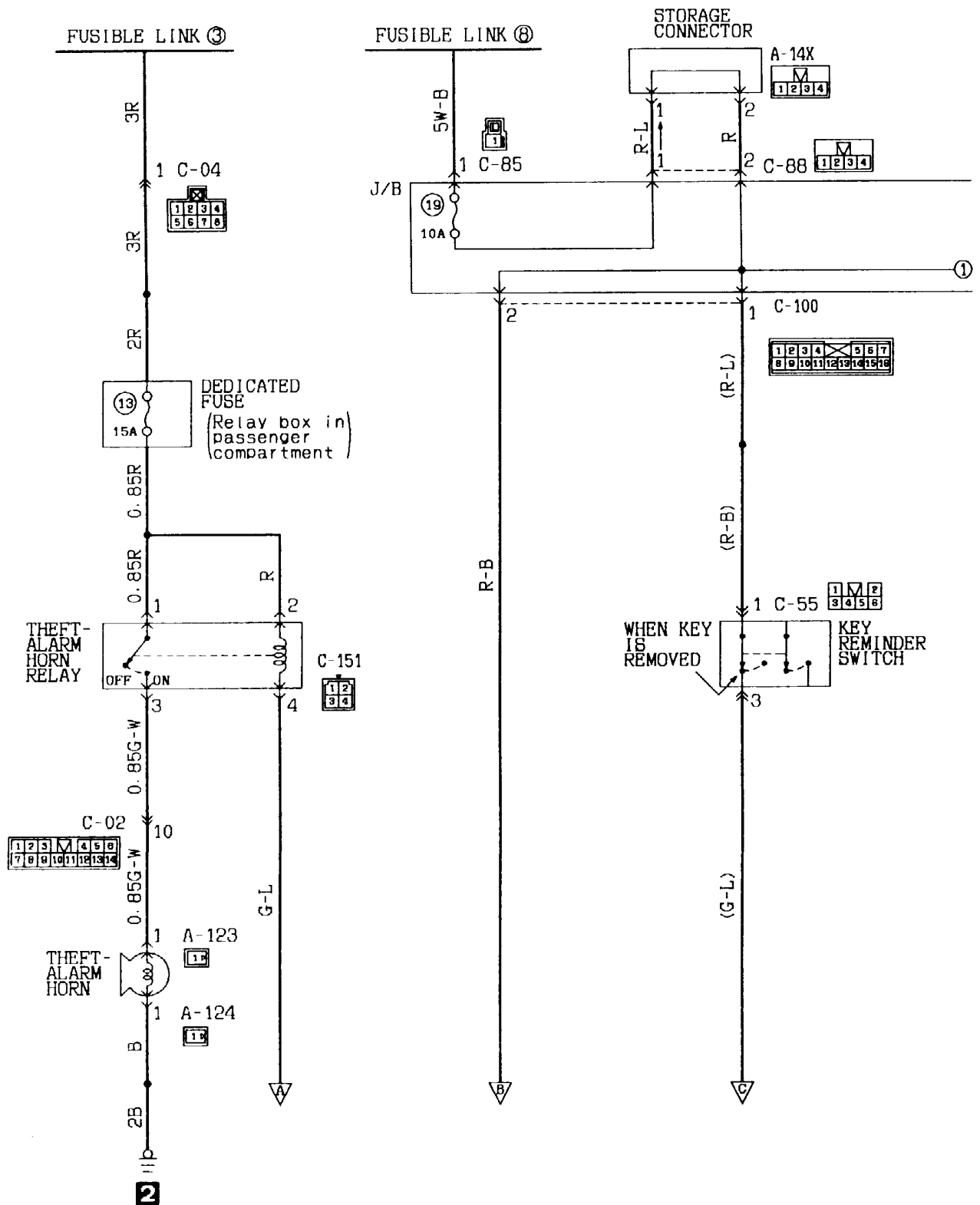


16N0761

MULTI-PURPOSE FUSE (In junction block)

Power supply circuit		No.	Rated capacity (A)	Load circuit
Battery		1	10	Horn, horn relay
Ignition switch	IG2	2	10	ABS control unit, ABS valve relay, ACTIVE-ECS relay and EPS control unit
	IG2	3	10	A/C belt lock controller, A/C control panel assembly, A/C control unit, blower motor relay, blower motor high relay, daytime running lamp relay (I), defogger relay and power seat control unit
	ACC	4	10	Auto-cruise control unit, clock, radio, motor antenna, ETACS unit and door control unit
	ACC	5	15	Accessory socket, cigarette lighter
Battery		6	15	Ignition key cylinder illumination lamp
Ignition switch	IG2	7	10	ACTIVE-ECS control unit <A/T>, auto-cruise control unit, combination meter, ELC-4A/T control unit, power seat control unit and TCL control unit
	IG2	8	10	Heated seat
	ACC	9	20	Rear wiper, rear washer, windshield wiper and windshield washer
—		10	—	—

47 THEFT-ALARM SYSTEM



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

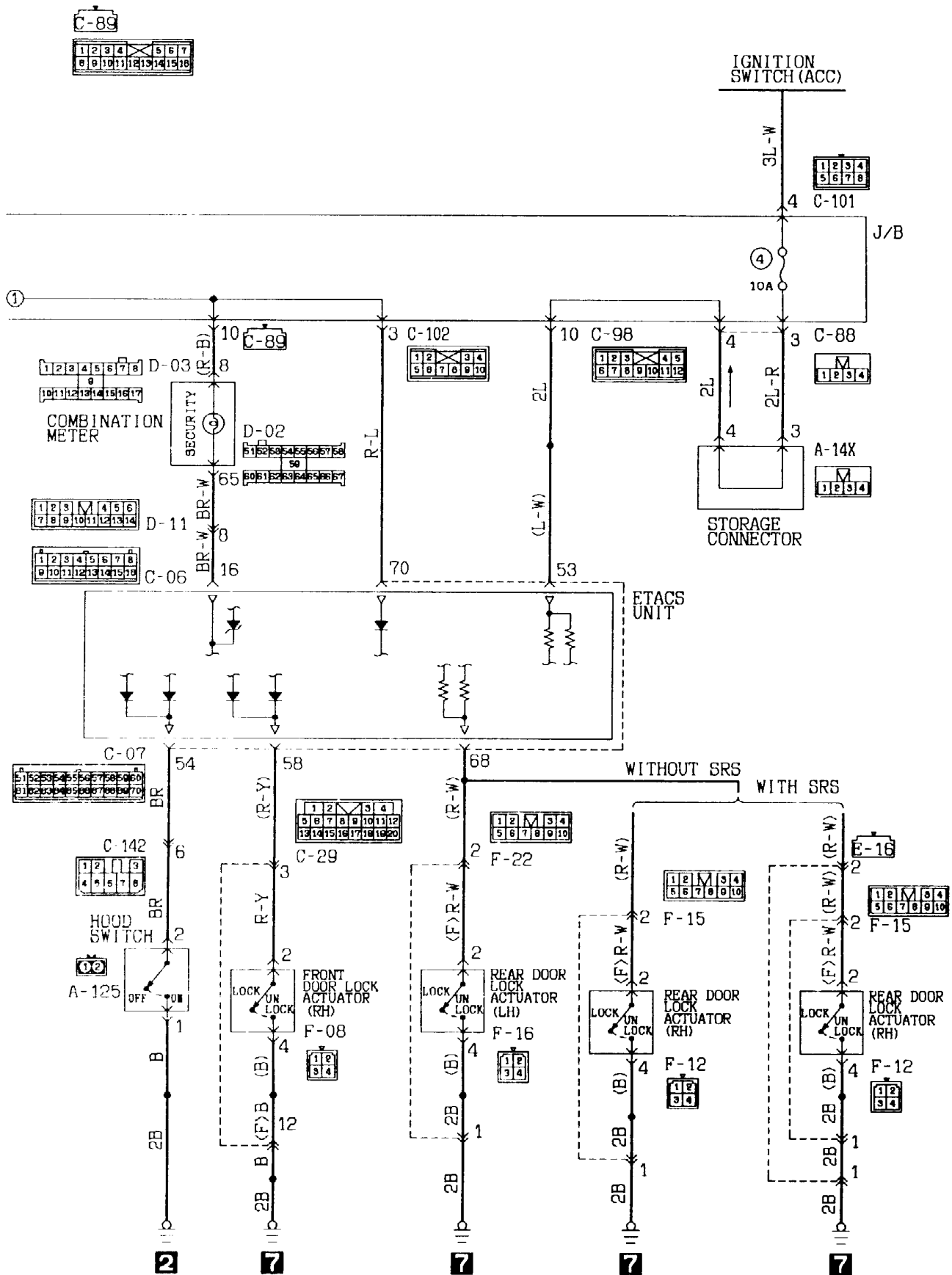
V:Violet

SB:Sky blue

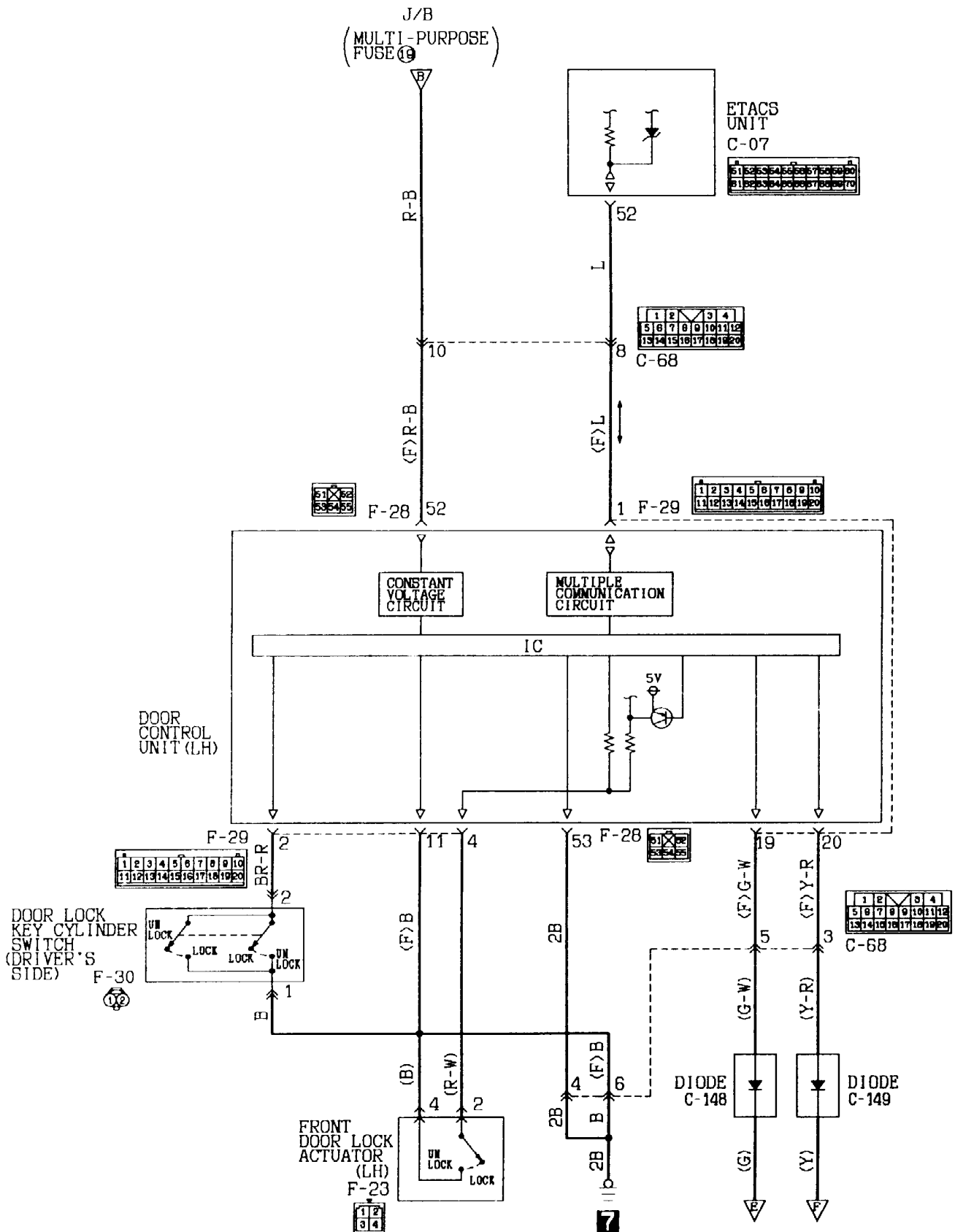
XX35-AC-J1532-EC

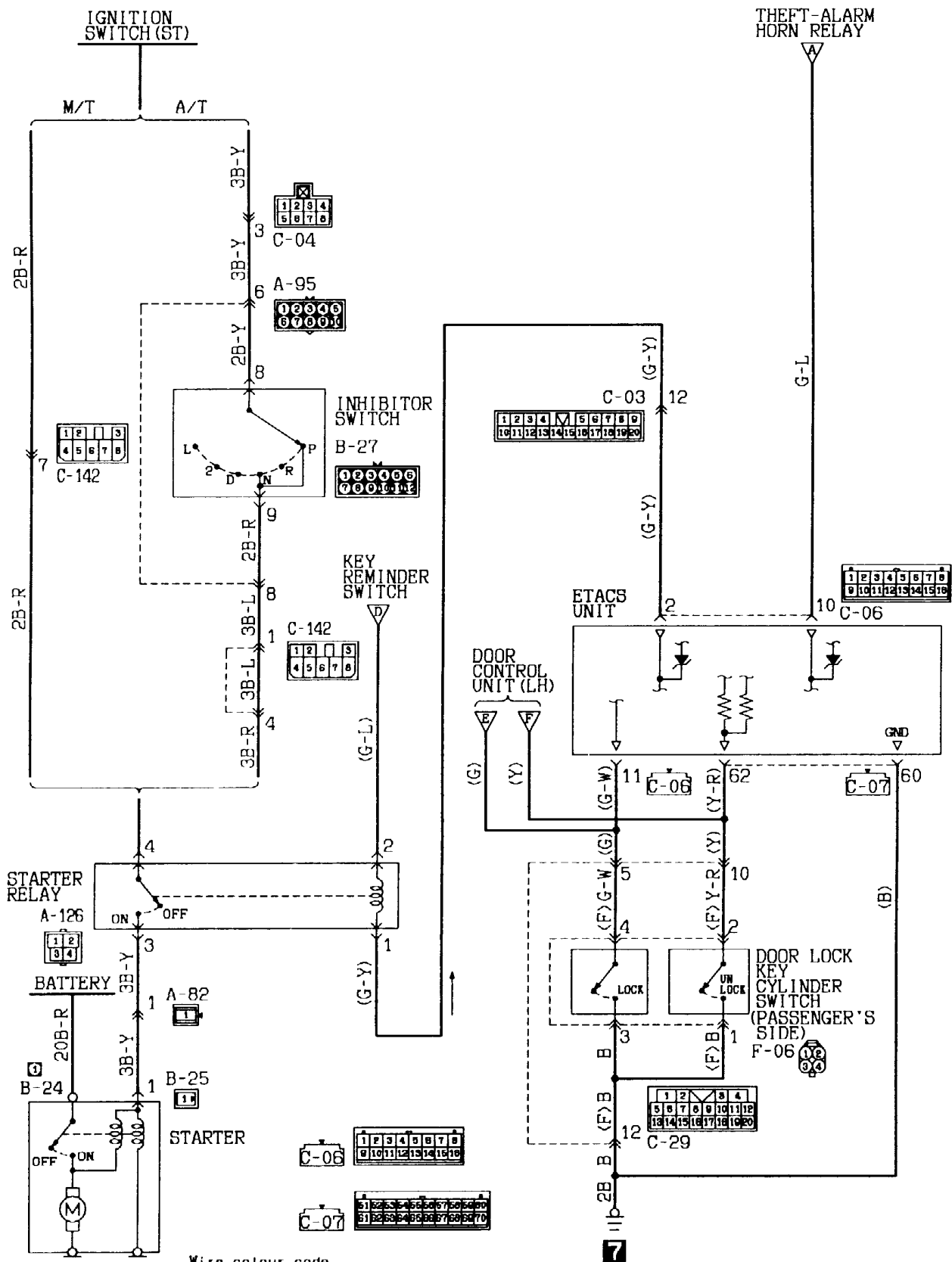
PHGE9036-C

ADDED









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

4-450-6

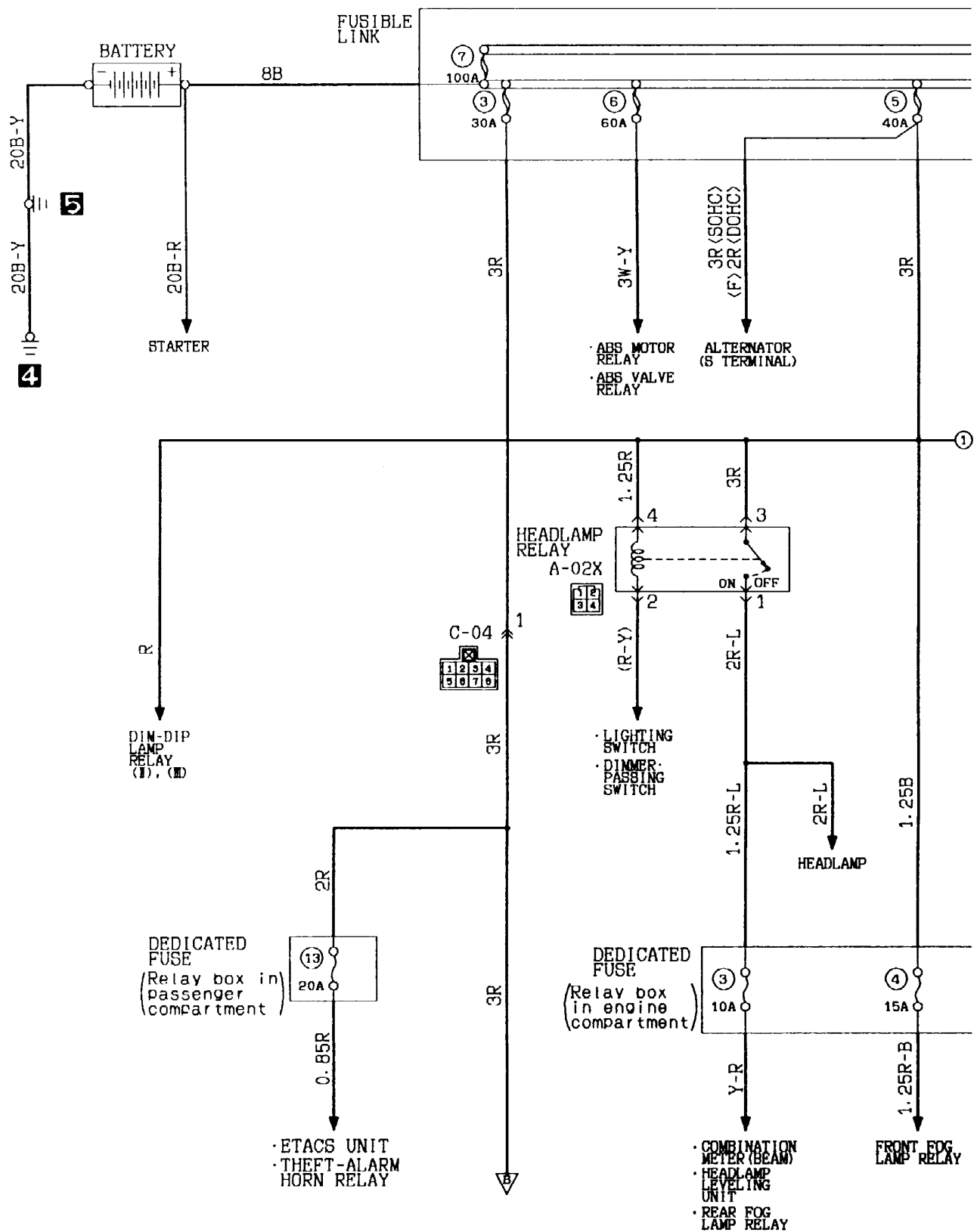
NOTES

4 CIRCUIT DIAGRAM

<R.H. drive vehicles built from November 1991>

1 POWER DISTRIBUTION SYSTEM	4-452	20 HORN	4-530
2 STARTING SYSTEM		21 METER AND GAUGE	4-532
2-1 Vehicles without theft-alarm system	4-458	22 WARNING LAMP	4-534
2-2 Vehicles with theft-alarm system <M/T>	4-458-1	23 INDICATOR LAMP	4-539
2-3 Vehicles with theft-alarm system <A/T>	4-458-2	24 POWER WINDOW	4-543
3 IGNITION SYSTEM		25 CENTRAL DOOR LOCKING SYSTEM	
3-1 SOHC	4-459	25-1 Vehicles without theft-alarm system	4-549
3-2 DOHC	4-460	25-2 Vehicles with theft-alarm system	4-551-1
4 CHARGING SYSTEM		26 HEATER AND AIR CONDITIONER	
4-1 SOHC	4-461	26-1 SOHC	4-552
4-2 DOHC	4-462	26-2 DOHC	4-558
5 MPI-SOHC SYSTEM		27 WINDSHIELD WIPER AND WASHER	4-564
5-1 M/T	4-464	28 REAR WIPER AND WASHER	4-566
5-2 A/T	4-469	29 HEADLAMP WASHER	4-569
6 MPI-DOHC SYSTEM		30 DEFOGGER AND DOOR MIRROR HEATER	4-570
6-1 M/T	4-475	31 REMOTE CONTROLLED MIRROR	4-574
6-2 A/T <with TCL>	4-481	32 RADIO AND TAPE PLAYER	4-576
6-3 A/T <without TCL>	4-488	33 CLOCK	4-578
7 COOLING SYSTEM	4-496	34 CIGARETTE LIGHTER	4-579
8 ELC 4-SPEED AUTOMATIC TRANSMISSION	4-498	35 ACCESSORY SOCKET	4-580
9 HEADLAMP		36 ACTIVE-ELECTRONIC CONTROL SUSPENSION	4-581
9-1 Vehicles with dim-dip lamp	4-504	37 ANTI-SKID BRAKE SYSTEM	4-589
9-2 Headlamp leveling system	4-506	38 TRACTION CONTROL SYSTEM	4-592
10 TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP	4-508	39 AUTO-CRUISE CONTROL SYSTEM	4-599
11 FRONT FOG LAMP	4-512	40 ELECTRONIC CONTROL POWER STEERING	4-605
12 REAR FOG LAMP	4-514	41 SUNROOF	4-606
13 ROOM LAMP, MAP LAMP, FOOT LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP	4-518	42 POWER SEAT	4-608
14 LUGGAGE COMPARTMENT LAMP AND GLOVE BOX LAMP	4-521	43 SUPPLEMENTAL RESTRAINT SYSTEM (SRS)	4-616
15 DOOR LAMP	4-523	44 JUNCTION BLOCK	4-618
16 AIR CONDITIONER CONTROL PANEL LAMP	4-524	45 CENTRALIZED JUNCTION	4-620
17 TURN-SIGNAL LAMP AND HAZARD LAMP	4-526	46 THEFT-ALARM SYSTEM	4-625
18 STOP LAMP	4-528		
19 BACK-UP LAMP	4-529		

1 POWER DISTRIBUTION SYSTEM

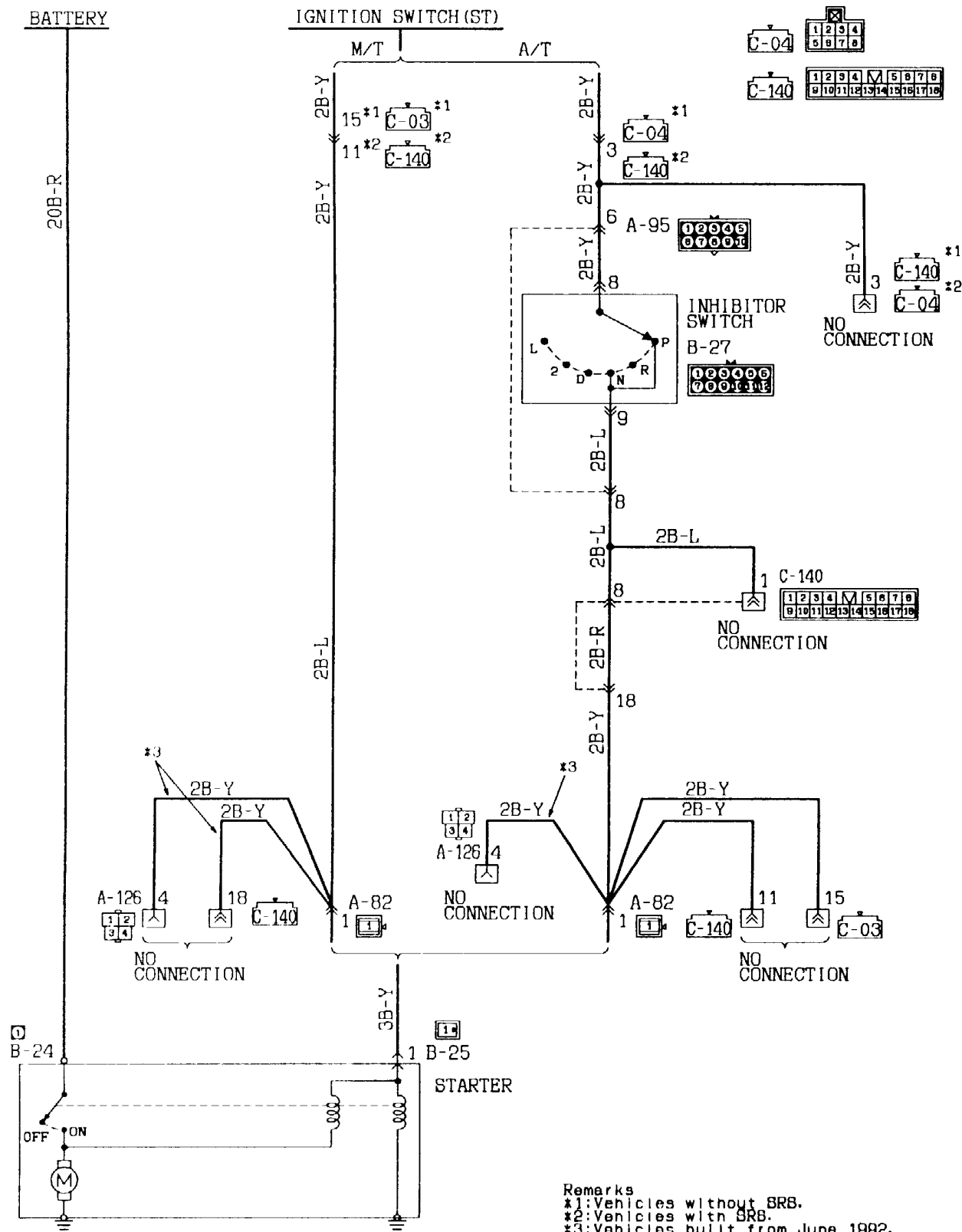


KX35-AC-J0106-EC



2 STARTING SYSTEM

2-1 Vehicles without Theft-Alarm System



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

G:Green
 GR:Gray

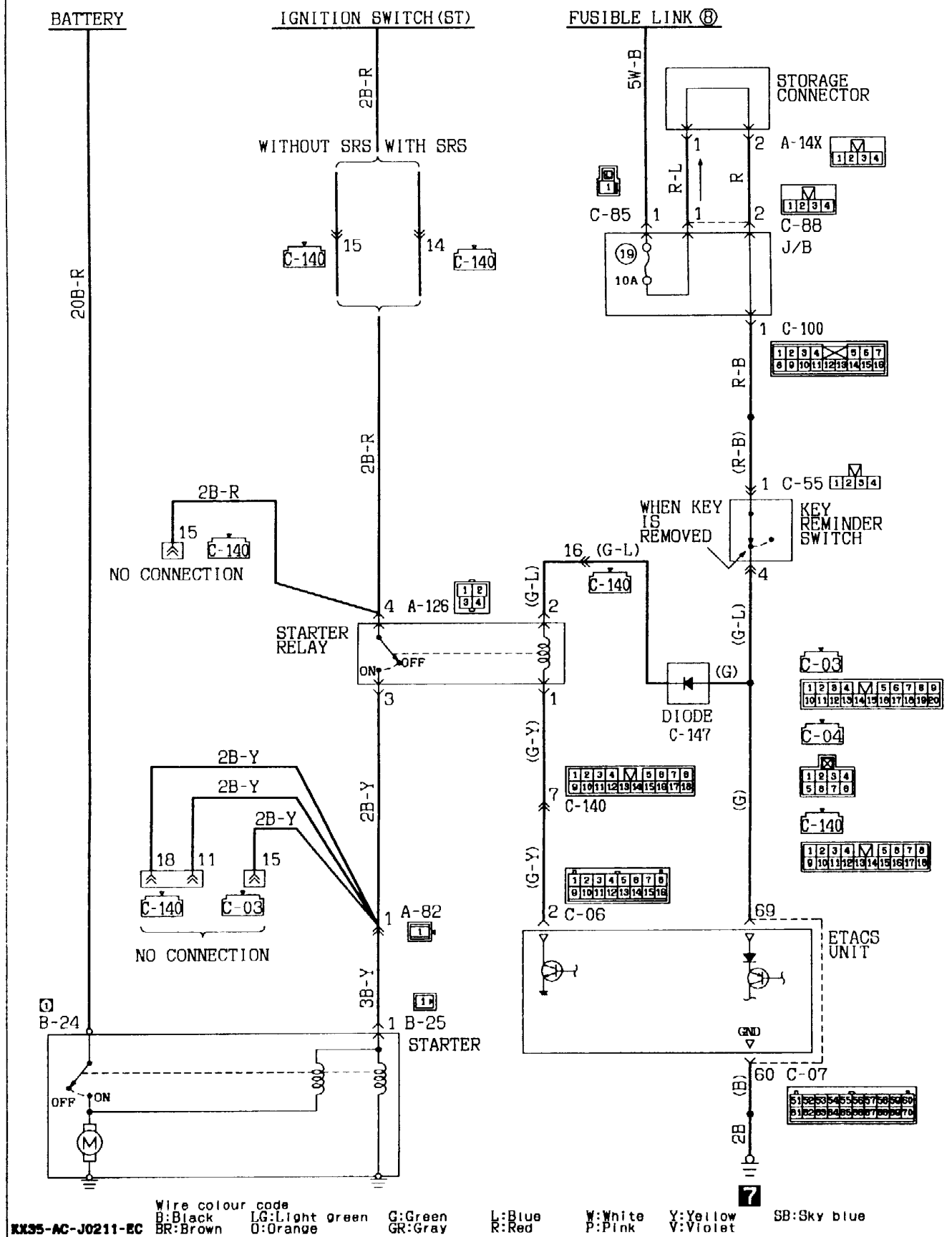
L:Blue
 R:Red

W:White
 P:Pink

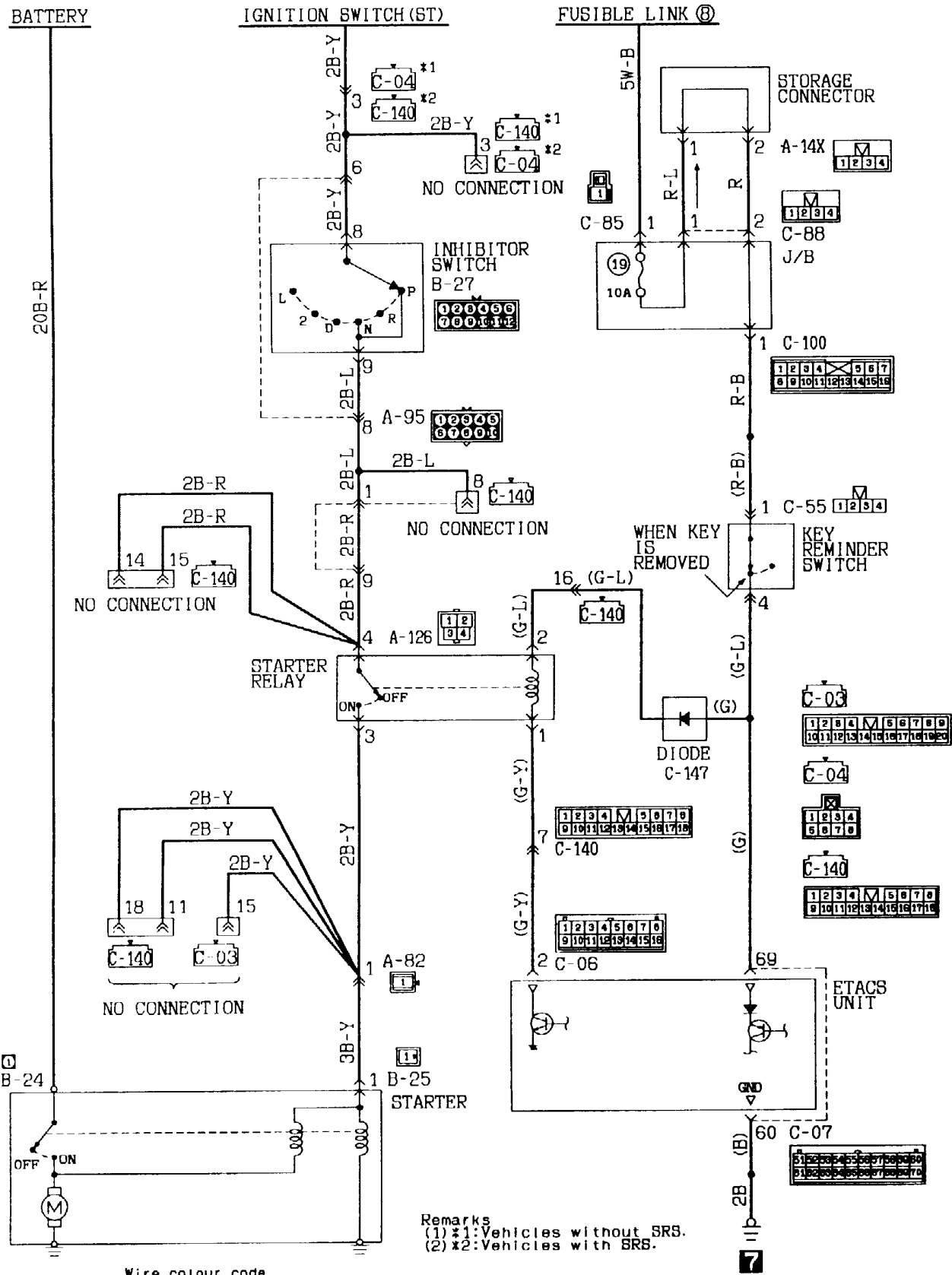
Y:Yellow
 V:Violet

SB:Sky blue

2-2 Vehicles with Theft-Alarm system (M/T)



2-3 Vehicles with Theft-Alarm system (A/T)



STARTING SYSTEM (See P.4-458, -1, -2.)**OPERATION**

- 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.

TROUBLESHOOTING HINTS

1. Starter motor does not turn over at all.
 - Check starter (coil).
 - Check battery terminals for proper contact.
 - Check the inhibitor switch. <A/T>
2. Starter motor does not stop rotation.
 - Check starter (magnet switch).

4-458-4

NOTES

REAR FOG LAMP (See P.4-514.)**OPERATION**

Rear Fog lamp Relay ON Conditions

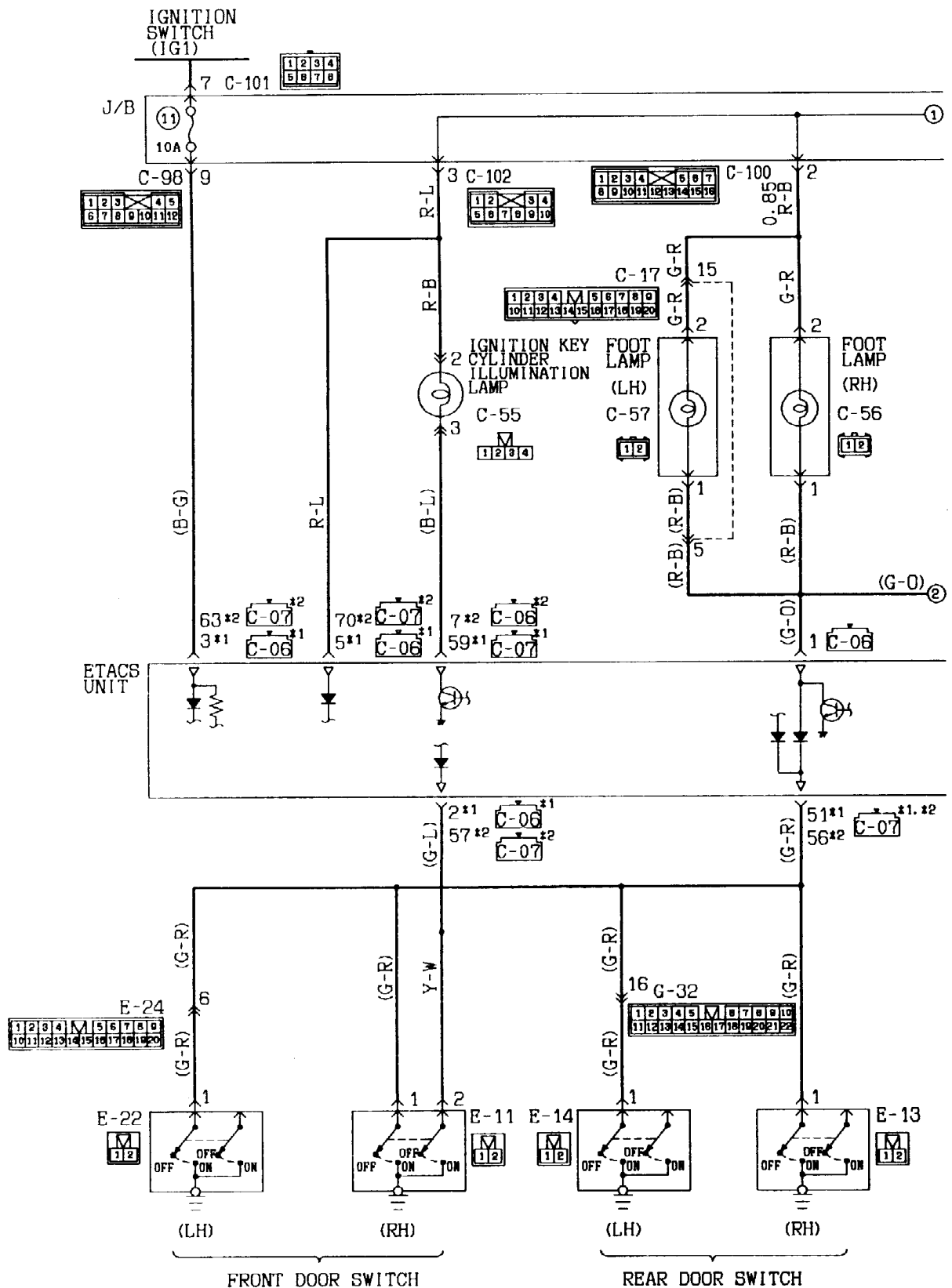
Ignition switch	Lighting switch	Rear fog lamp relay
–	“HEAD”	ON

- Placing the lighting switch in the HEAD position causes the rear fog lamp relay to be energized.
- When the rear fog lamp switch is turned ON in this condition, the rear fog lamp goes on.

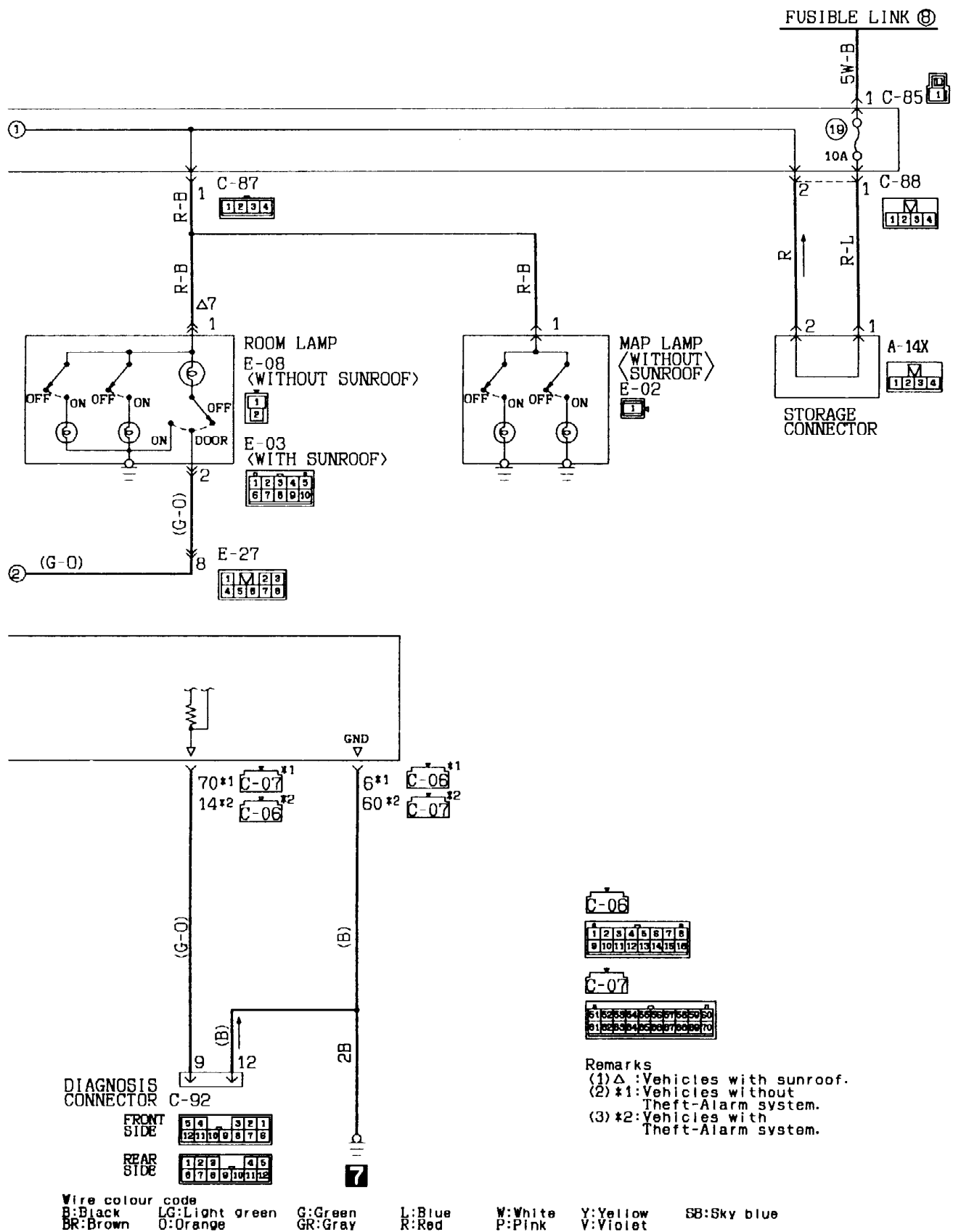
TROUBLESHOOTING HINTS

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. ③.
 - 2) Headlamps do not go on, either.
 - Check the lighting switch.
 - Check the fusible link No. ⑤.
2. The rear fog lamp at the one side doesn't illuminate.
 - Check the lamp bulb.

13 ROOM LAMP, MAP LAMP, FOOT LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP



RX35-AC-J0849-EC



ROOM LAMP, MAP LAMP, FOOT LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP (See P.4-518.)**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.
- When all doors are closed, the timer function of the ETACS unit will be activated to gradually dim the room lamp and turn it off in approx. 6 seconds.

Remarks

- If the ignition switch is in the "ON" position, it will immediately go out without dimming.

<FOOT LAMP>

- When any door is opened, the foot lamp will come on.
- When all doors are closed, the timer function of the ETACS unit will be activated to gradually dim the foot lamp and turn it off in approx. 6 seconds.

Remarks

- If the ignition switch is in the "ON" position, it will immediately go out without dimming.

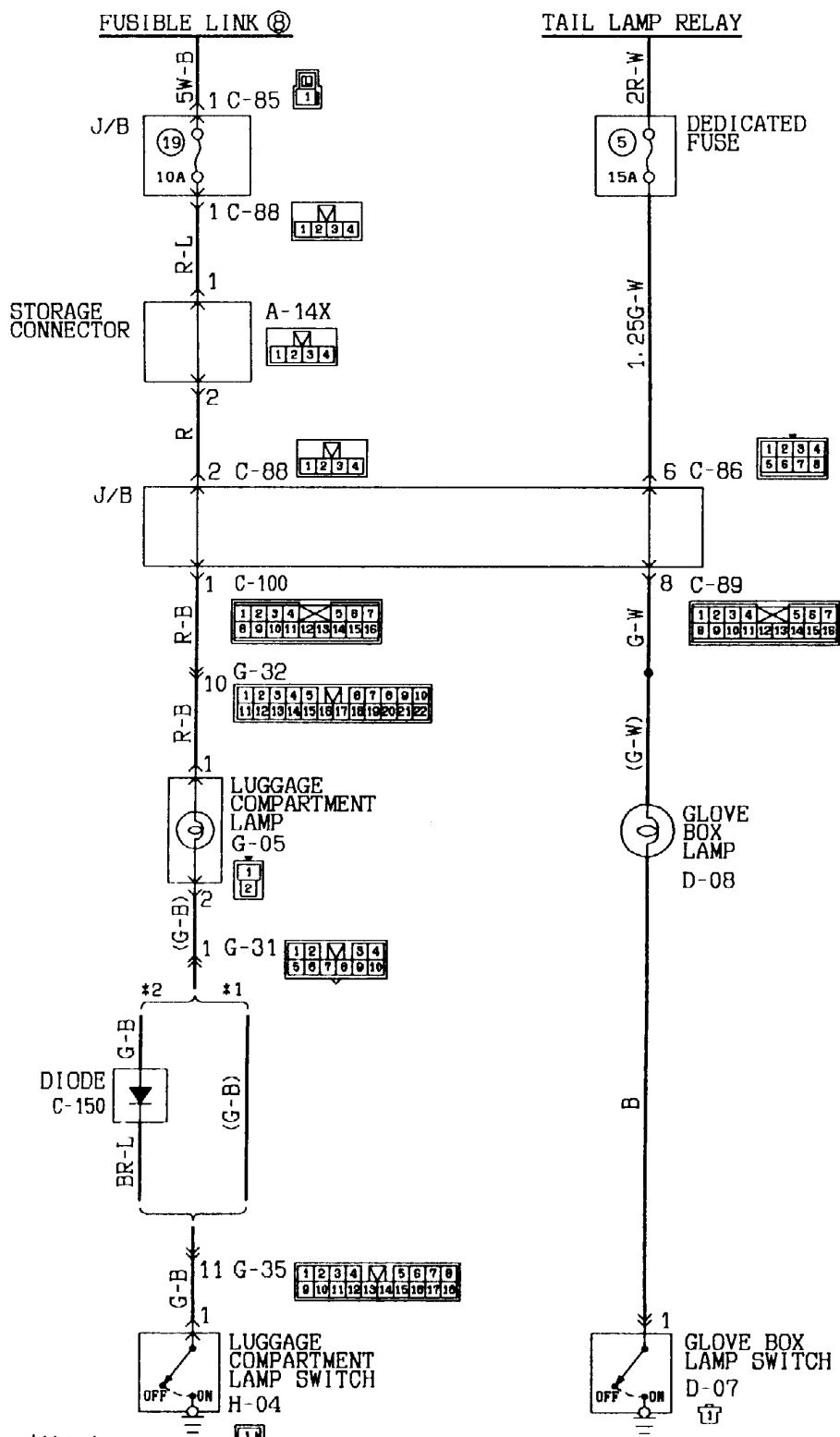
<IGNITION KEY CYLINDER ILLUMINATION LAMP>

- When the driver's seat door is opened, the illumination lamp of the ignition key cylinder will be lit for approx. 10 seconds with the timer function of the ETACS unit.
- The illumination lamp of the ignition key cylinder will go out when the ignition switch is turned into the "ON" position while the lamp is lit.

TROUBLESHOOTING HINTS

1. The room lamp, map lamp, foot lamp and ignition key cylinder illumination lamp all don't go on.
 - Check multi-purpose fuse No. ①9.
2. Room lamp does not go on when any door is opened with the room lamp switch in the "DOOR" position.
 - Check lamp bulb.
 - Check room lamp switch.
3. Room lamp does not go on when a door is opened with the room lamp switch in the "DOOR" position.
 - Check door switch.
4. Ignition key cylinder illumination lamp does not go on.
 - Check driver's side door switch.
5. When the door is closed, the room lamp and foot lamp immediately go out.
 - Check ETACS unit.

14 LUGGAGE COMPARTMENT LAMP AND GLOVE BOX LAMP



Remarks

- (1) *1: Vehicles without Theft-Alarm system.
 (2) *2: 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

KX35-AC-J0850-EC

LUGGAGE COMPARTMENT LAMP AND GLOVE BOX LAMP (See P.4-521.)**OPERATION****<Luggage compartment lamp>**

- Battery voltage is being applied at all times to the luggage compartment lamp through the fusible link No. ⑧ and multi-purpose fuse No. ⑲.
- Opening the luggage compartment lid turns ON the luggage compartment lamp 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 in this state, the glove box lamp switch turns on to light the glove box lamp.

TROUBLESHOOTING HINTS

1. Luggage compartment lamp does not go on.
 - 1) Room lamp does not go on, either.
 - Check multi-purpose fuse No. ⑲.
 - 2) Room lamp goes on.
 - Check the lamp bulb.
 - Check the luggage compartment lamp switch (contact and earth).
2. Glove box lamp does not go on.
 - 1) Each illumination lamp also does not go on.
 - Check dedicated fuse No. ⑤.
 - 2) Each illumination lamp goes on.
 - Check the glove box lamp switch (contact and earth).

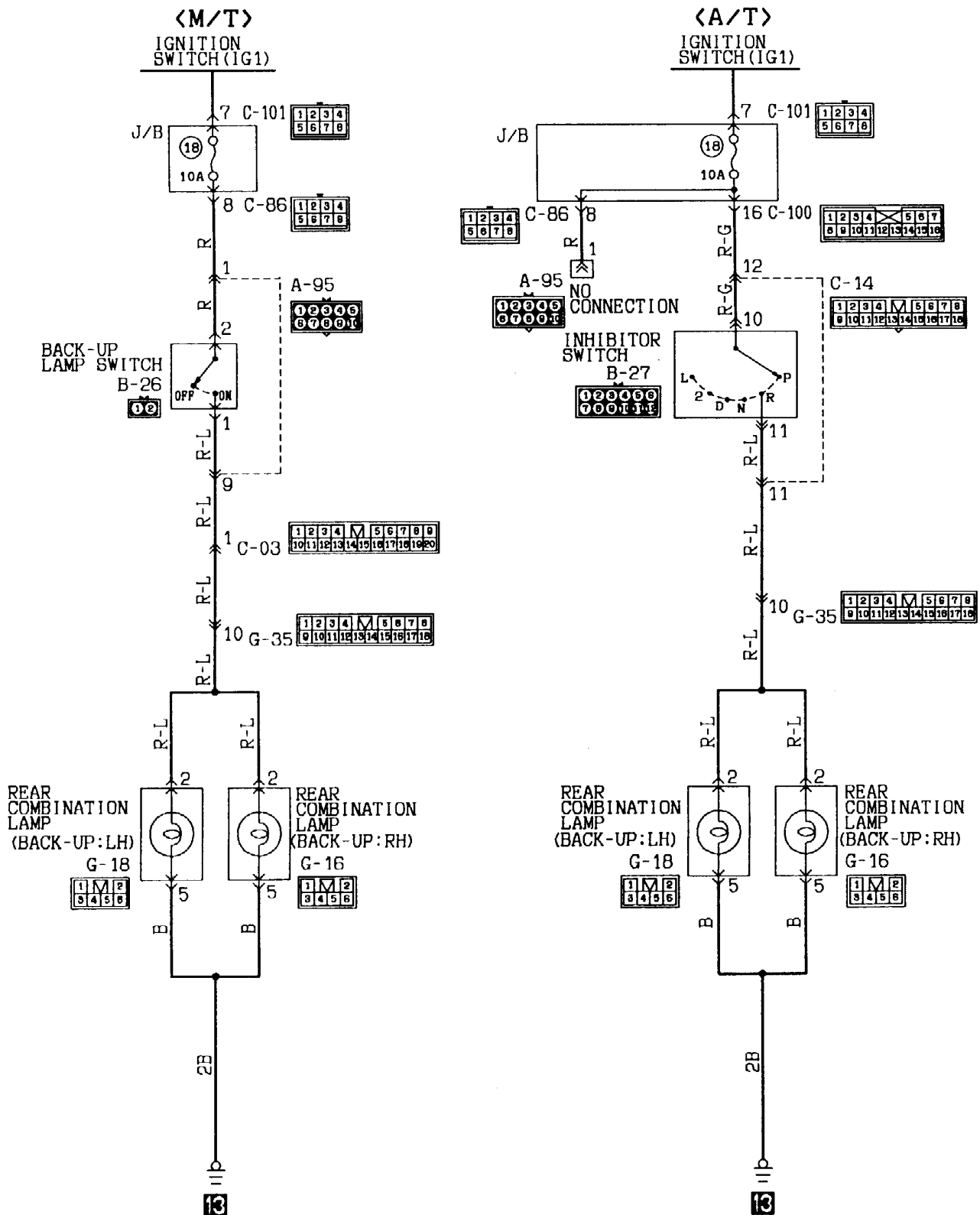
DOOR LAMP (See P.4-523.)**OPERATION**

- Battery voltage is always applied to the door lamp through the fusible link No. ⑧ and multi-purpose fuse No. ⑲.
- When each door is opened, the door switch turns on to light the door lamp.

TROUBLESHOOTING HINTS

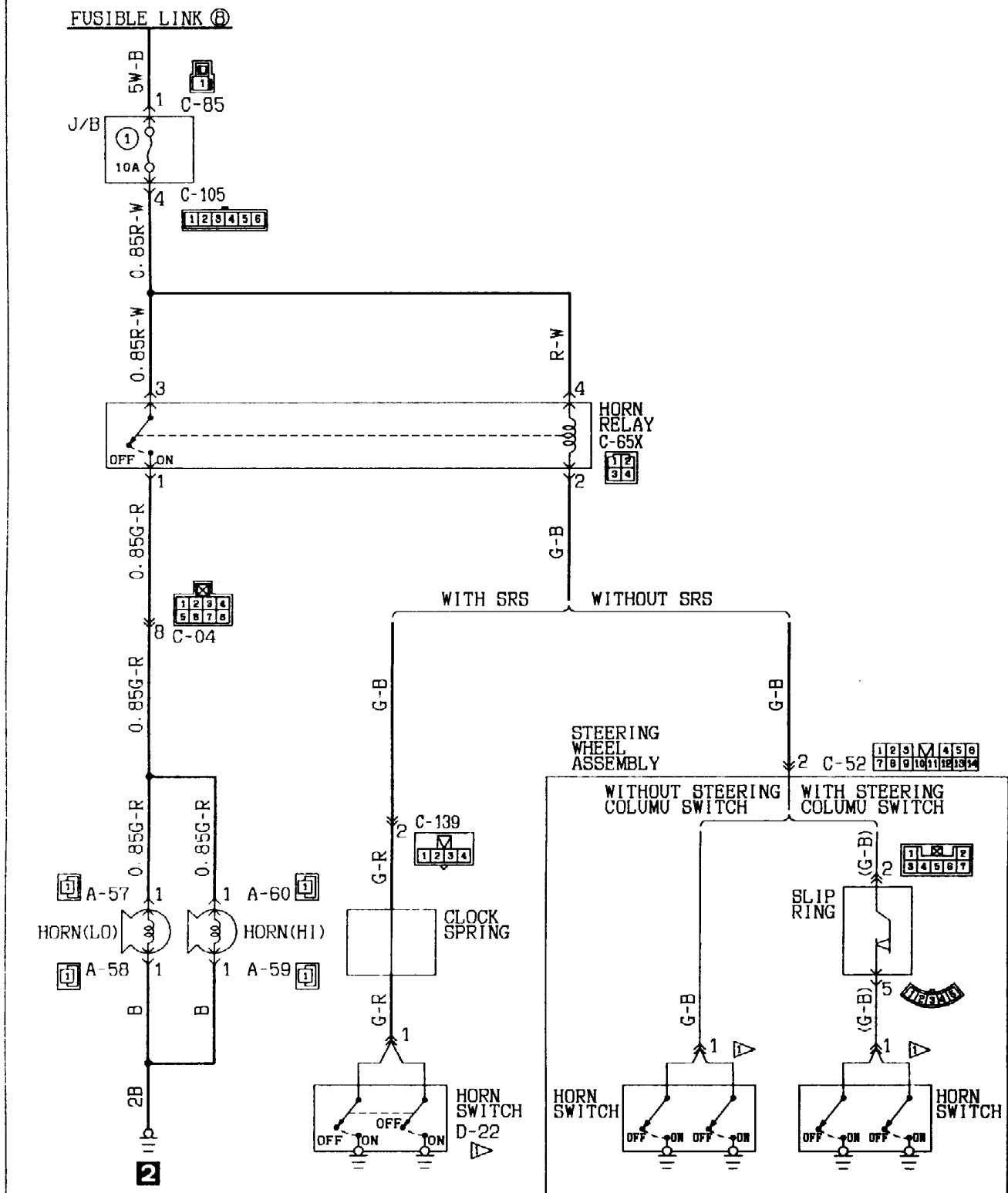
1. Door lamp does not go on.
 - 1) Every door lamp does not go on.
 - Check dedicated fuse No. ⑲.
 - 2) Any of door lamps does not go on.
 - Check the lamp bulb.
 - Check the door switch (contact and earth).

19 BACK-UP LAMP



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

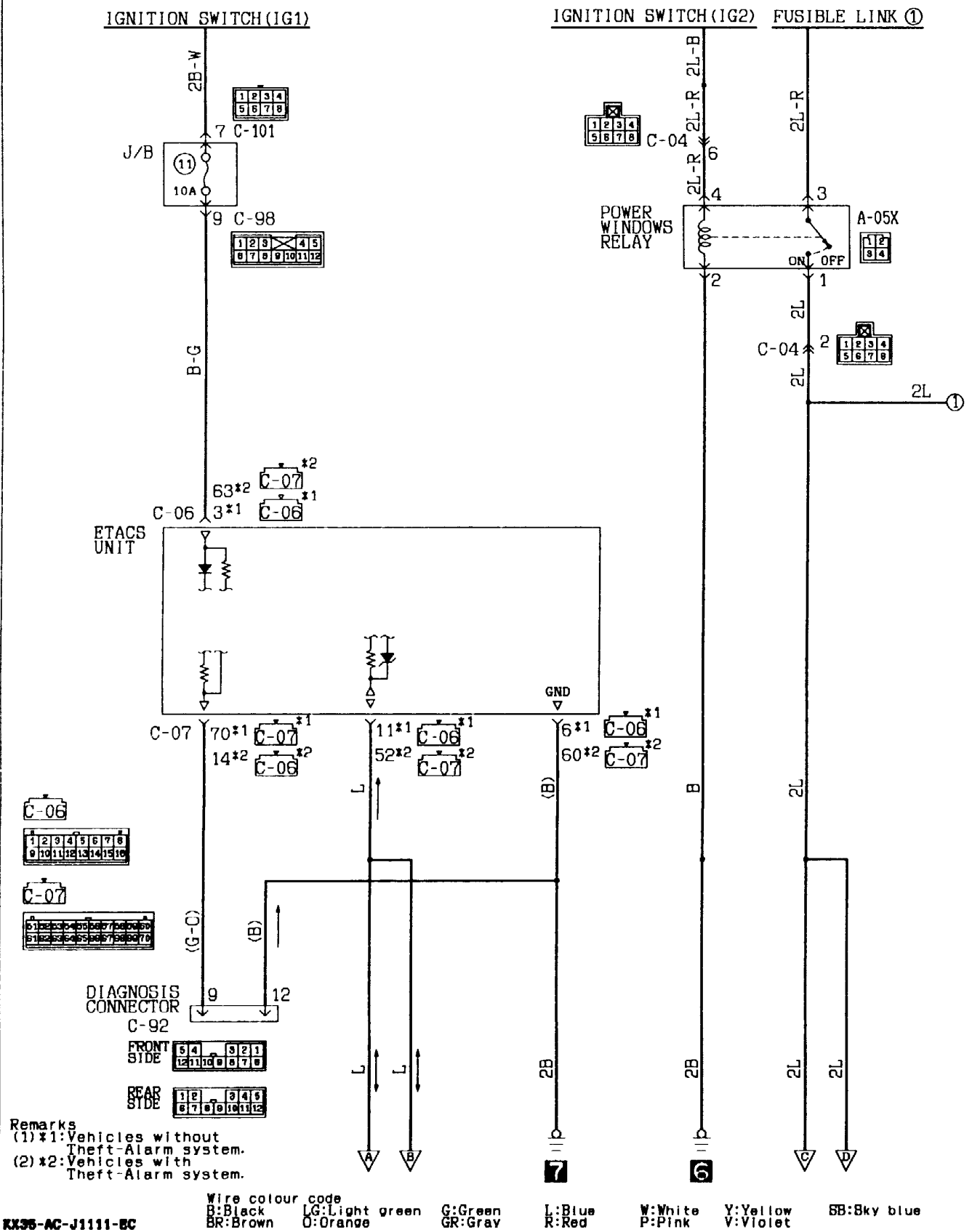
20 HORN

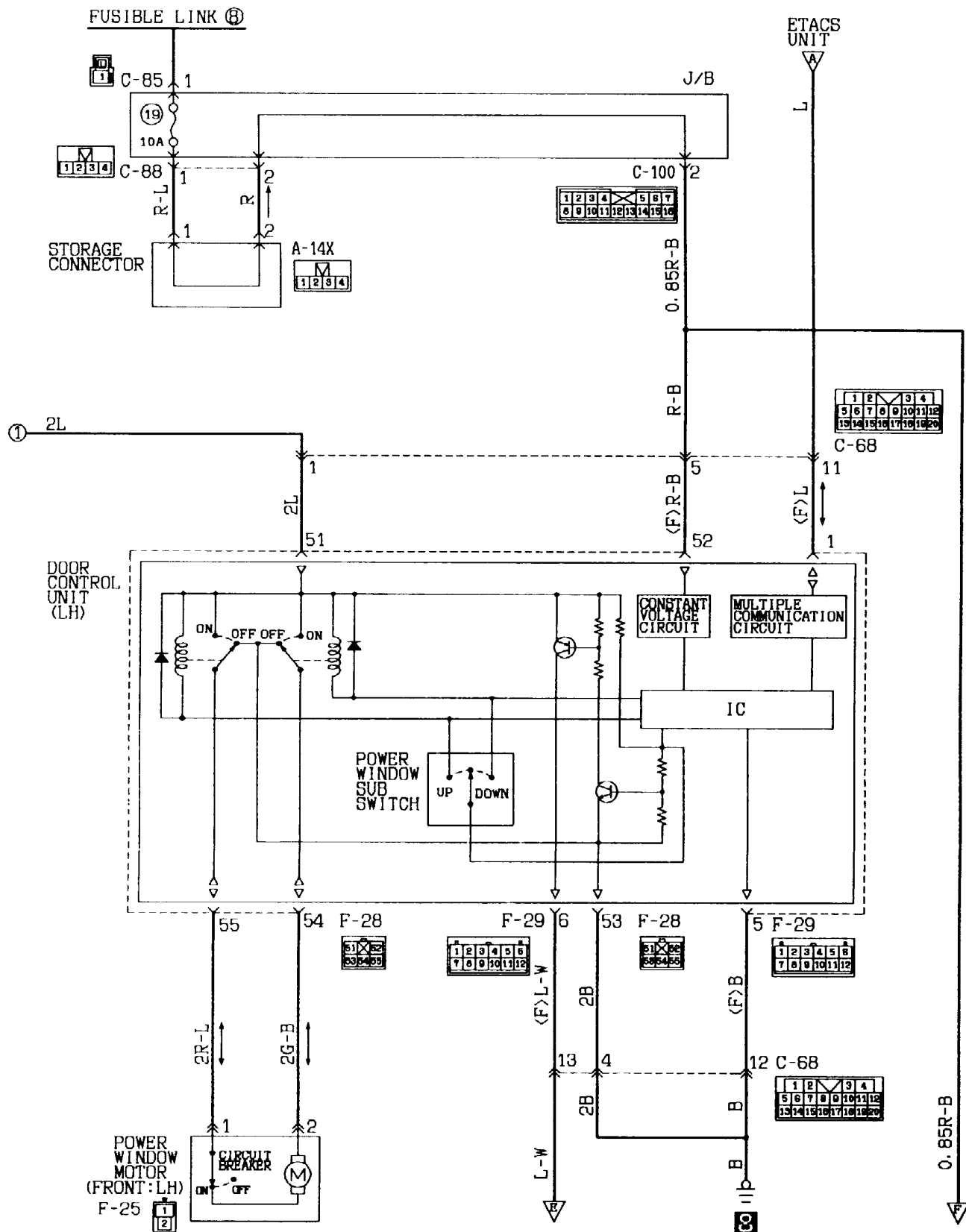


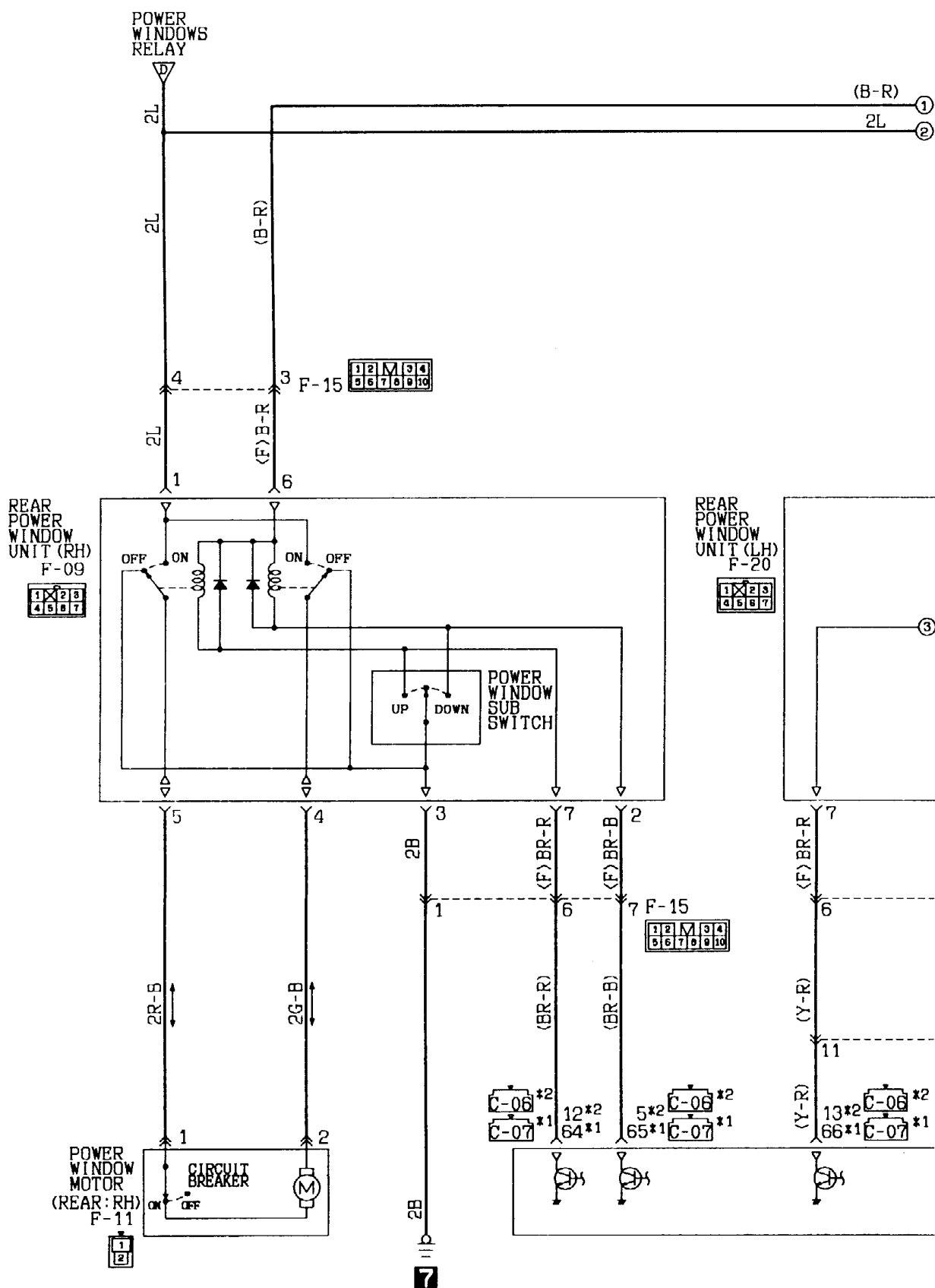
Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-J0917-EC

24 POWER WINDOW







Wire colour code

B:Black

LG:Light green

G:Green

L:Blue

W:White

Y:Yellow

SB:Sky blue

BR:Brown

O:Orange

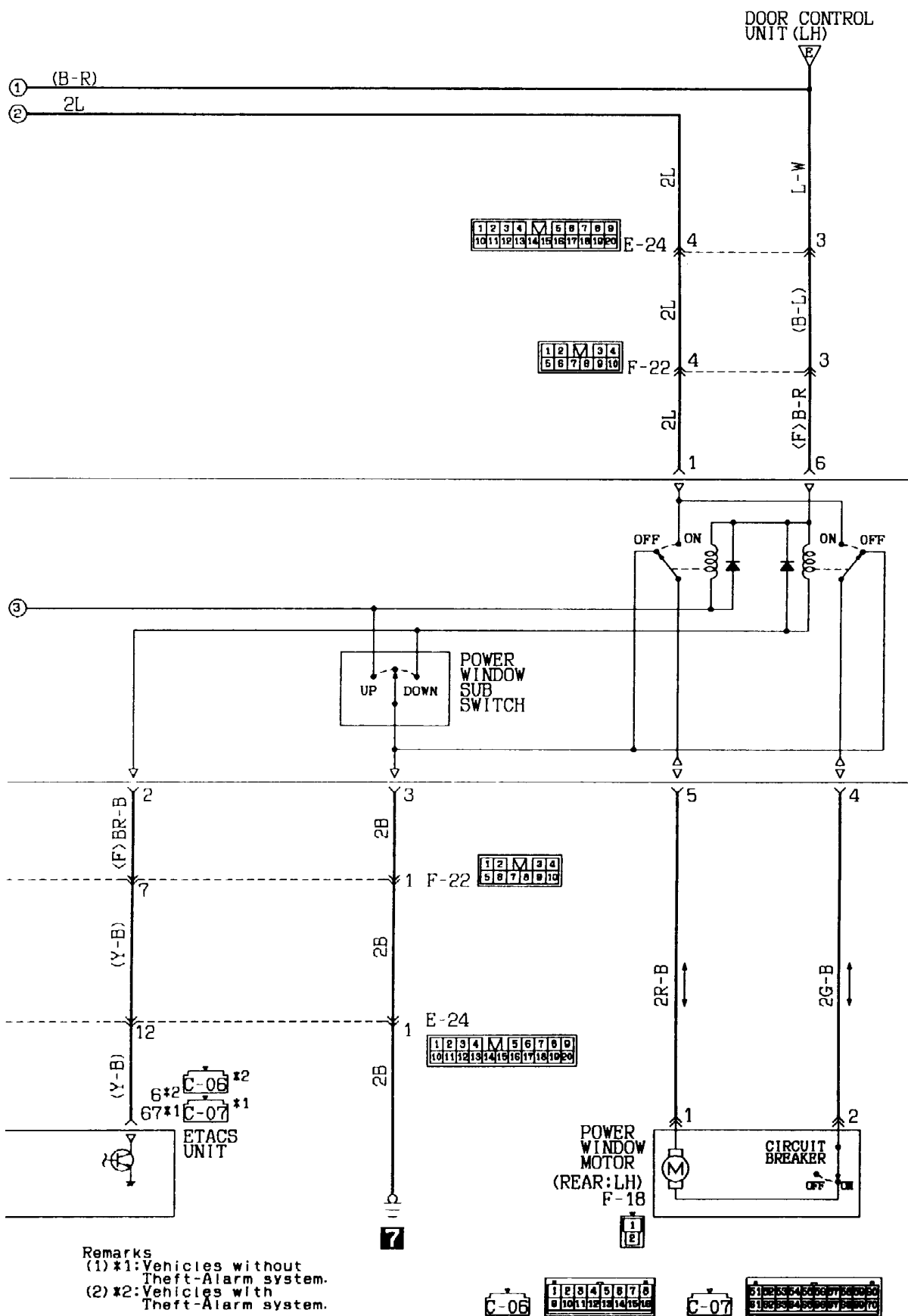
GR:Gray

R:Red

P:Pink

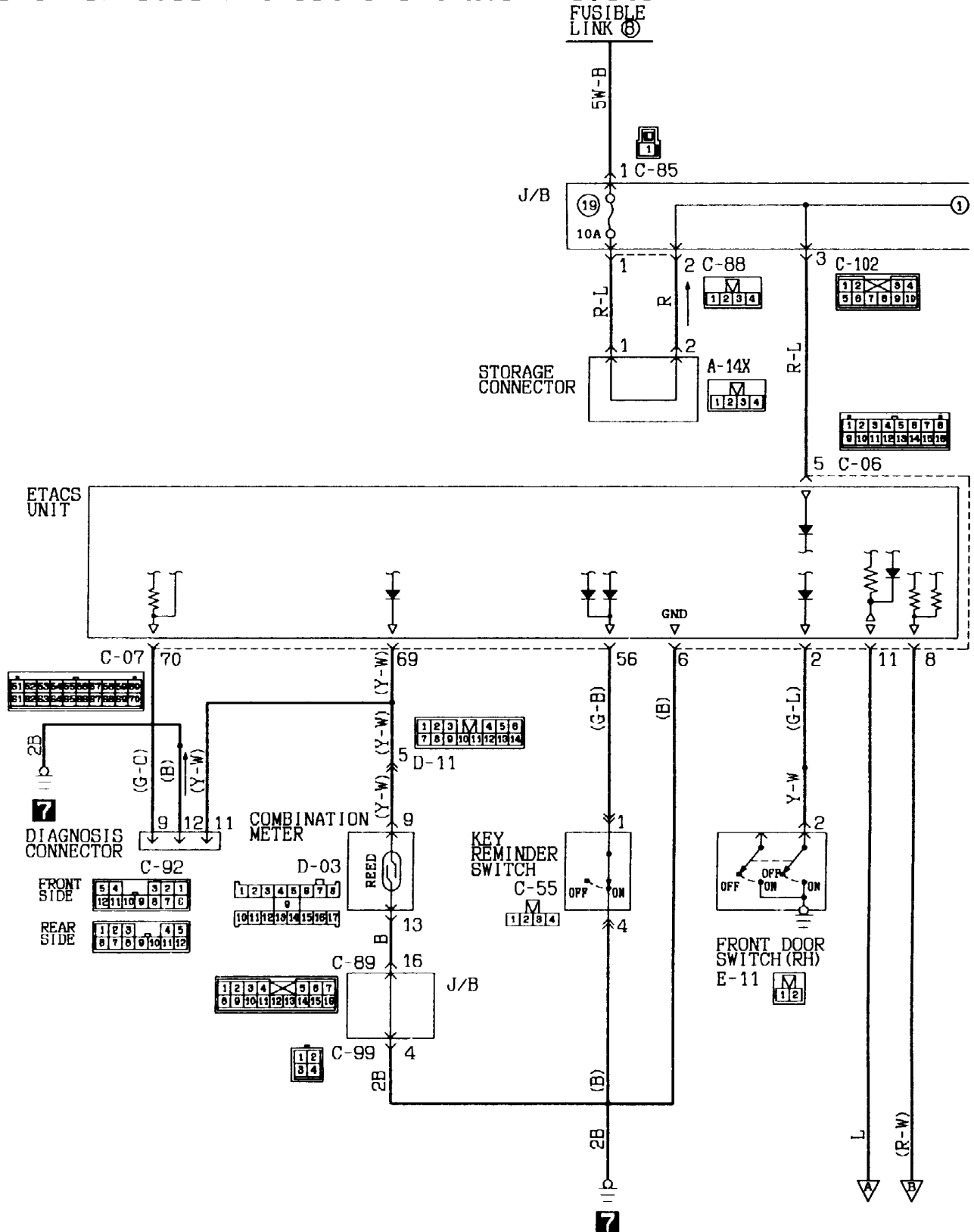
V:Violet

KX95-AC-J1111B-EC

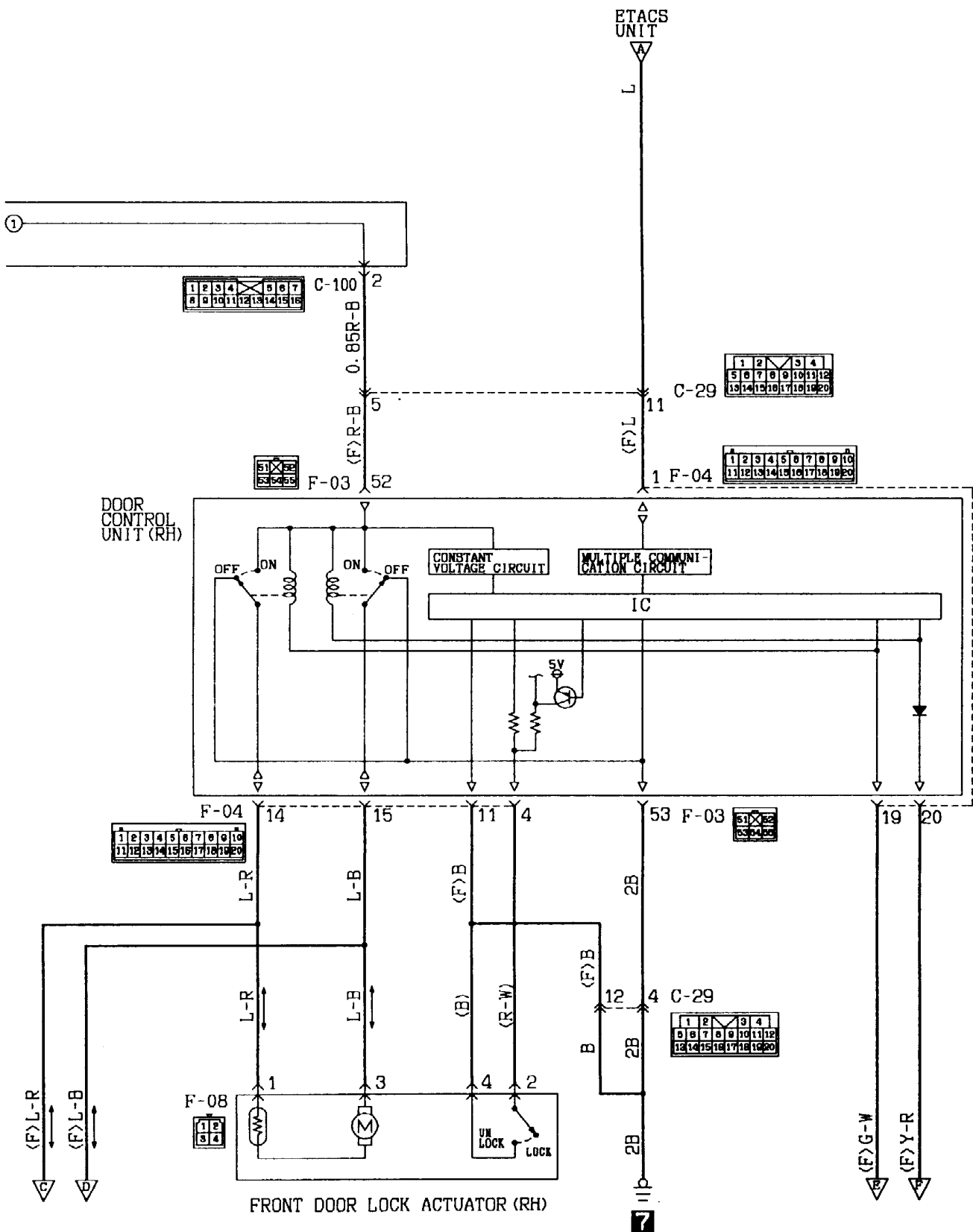


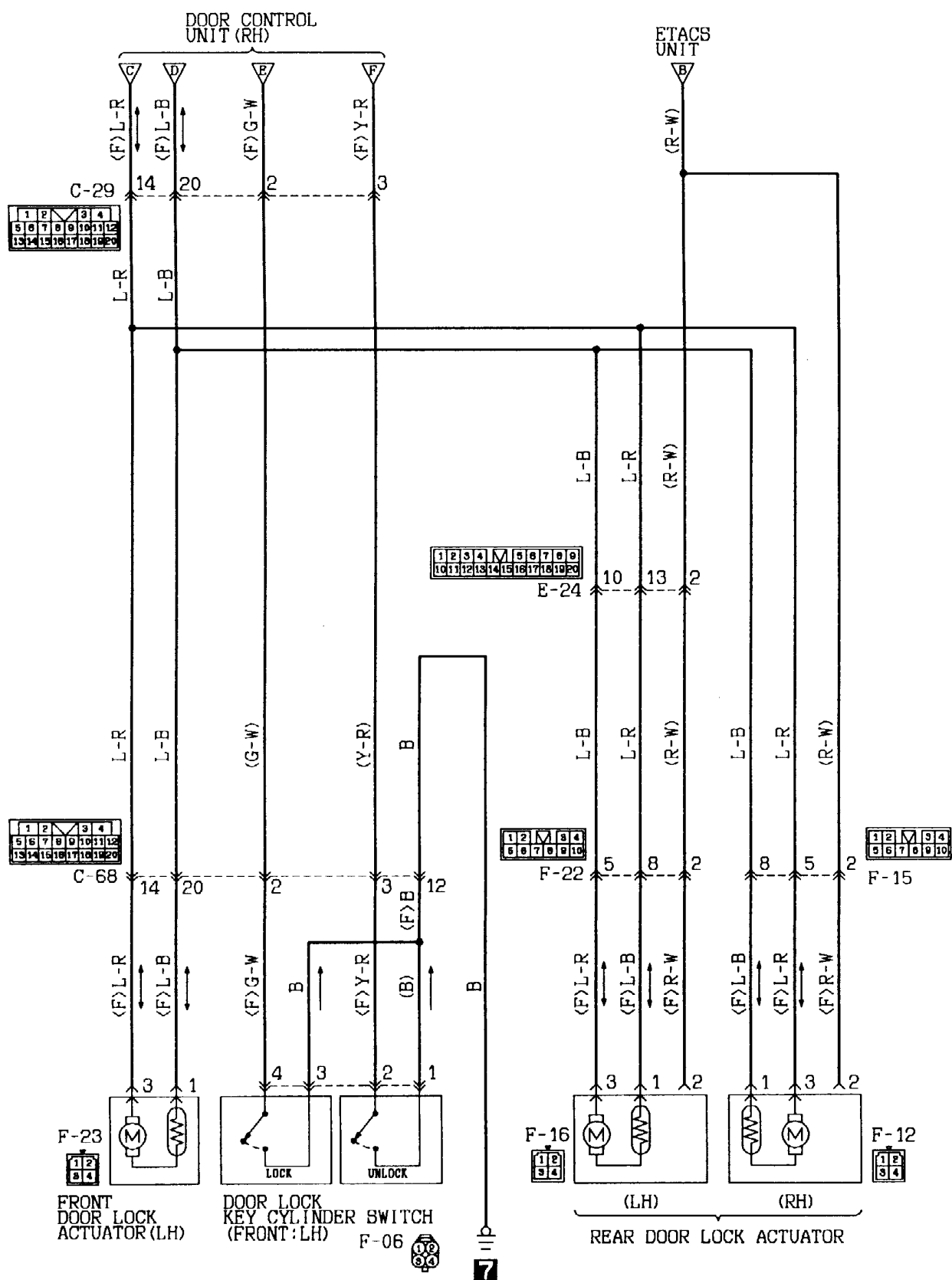
25 CENTRAL DOOR LOCKING SYSTEM

25-1 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





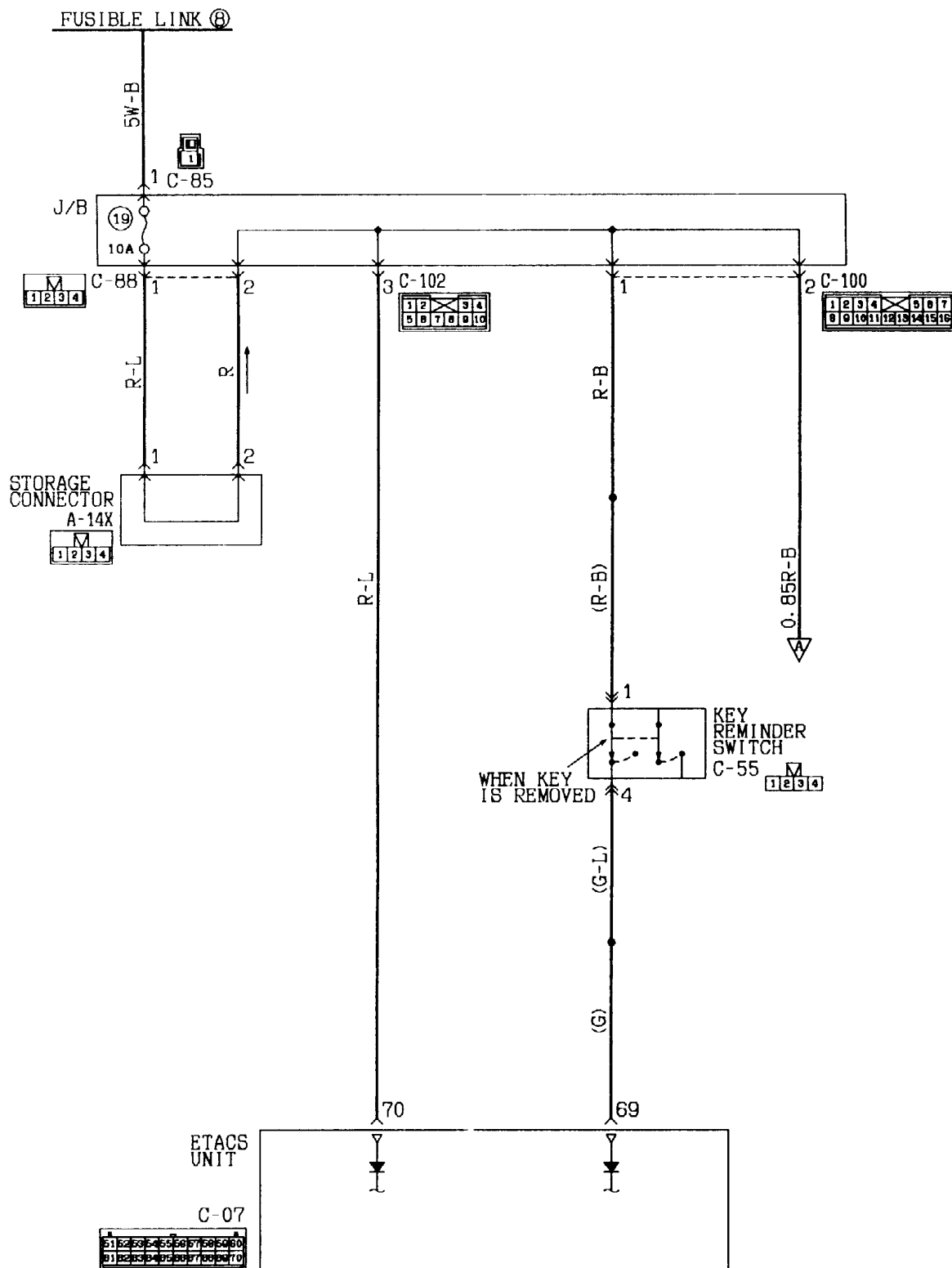
Wire colour code

B:Black
BR:BrownLG:Light green
O:OrangeG:Green
GR:GrayL:Blue
R:RedW:White
P:PinkY:Yellow
V:Violet

SB:Sky blue

KX35-AC-J1108A-EC

25-2 Vehicles with Theft-Alarm System

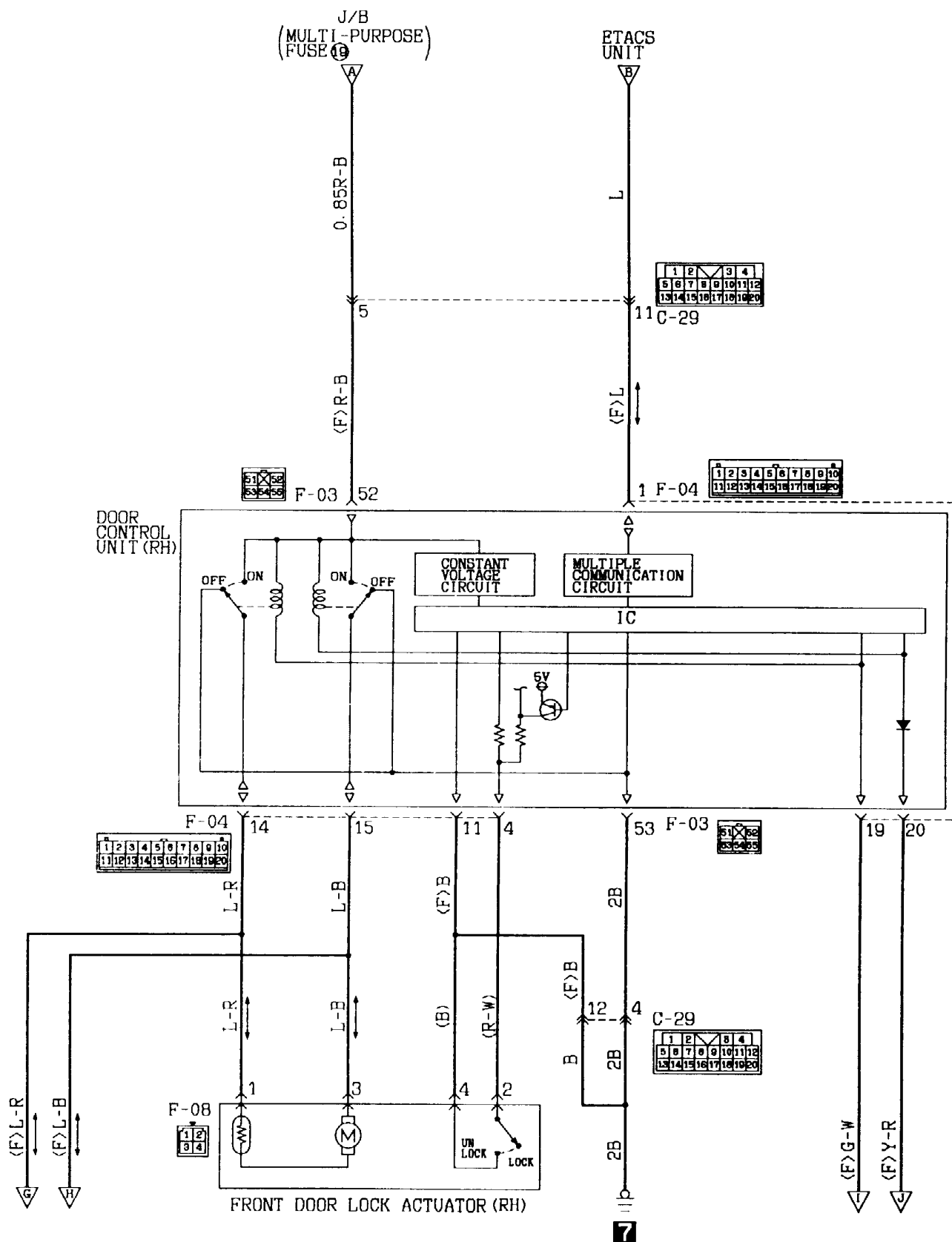


Wire colour code

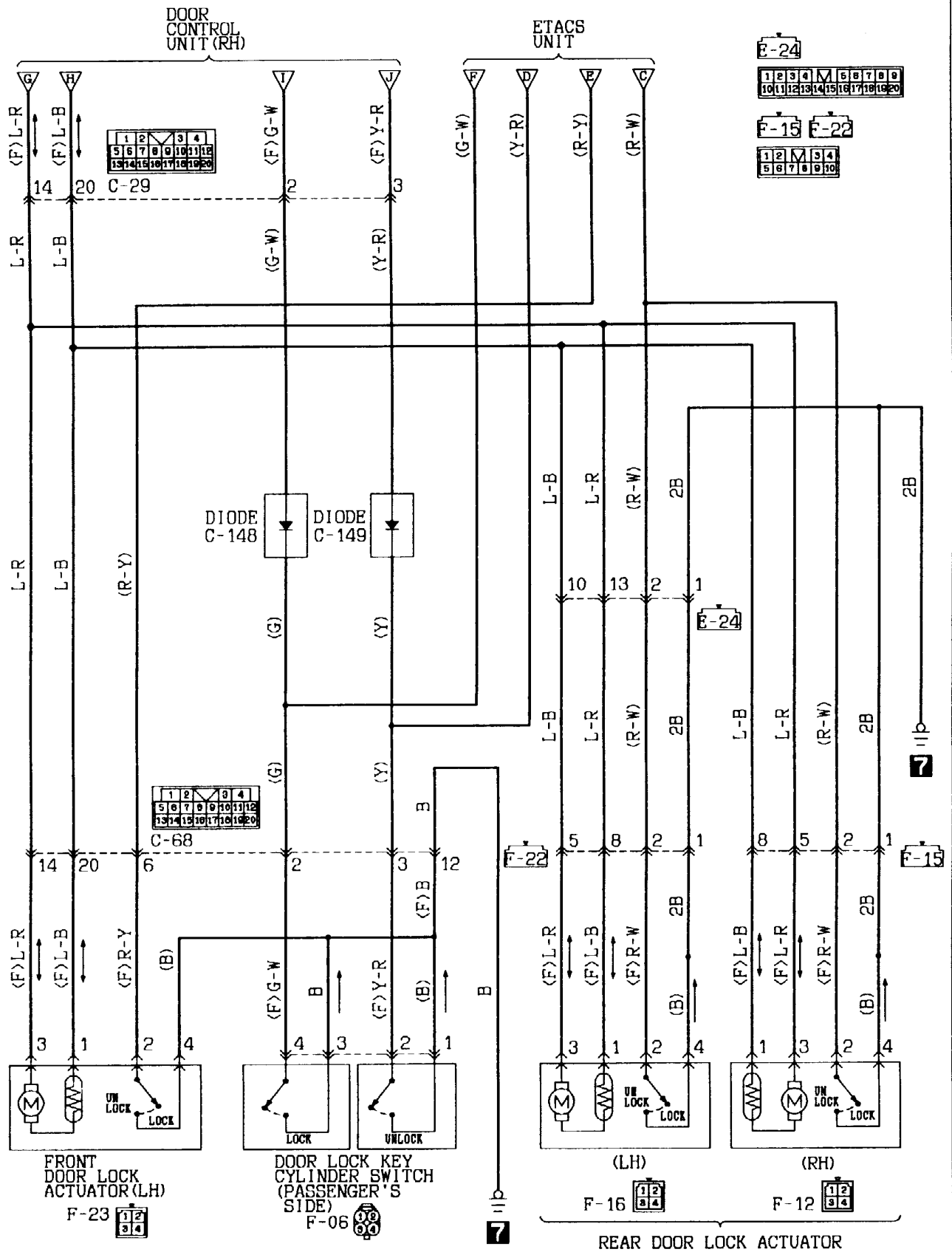
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-J1112-EC

PHGE9036-C

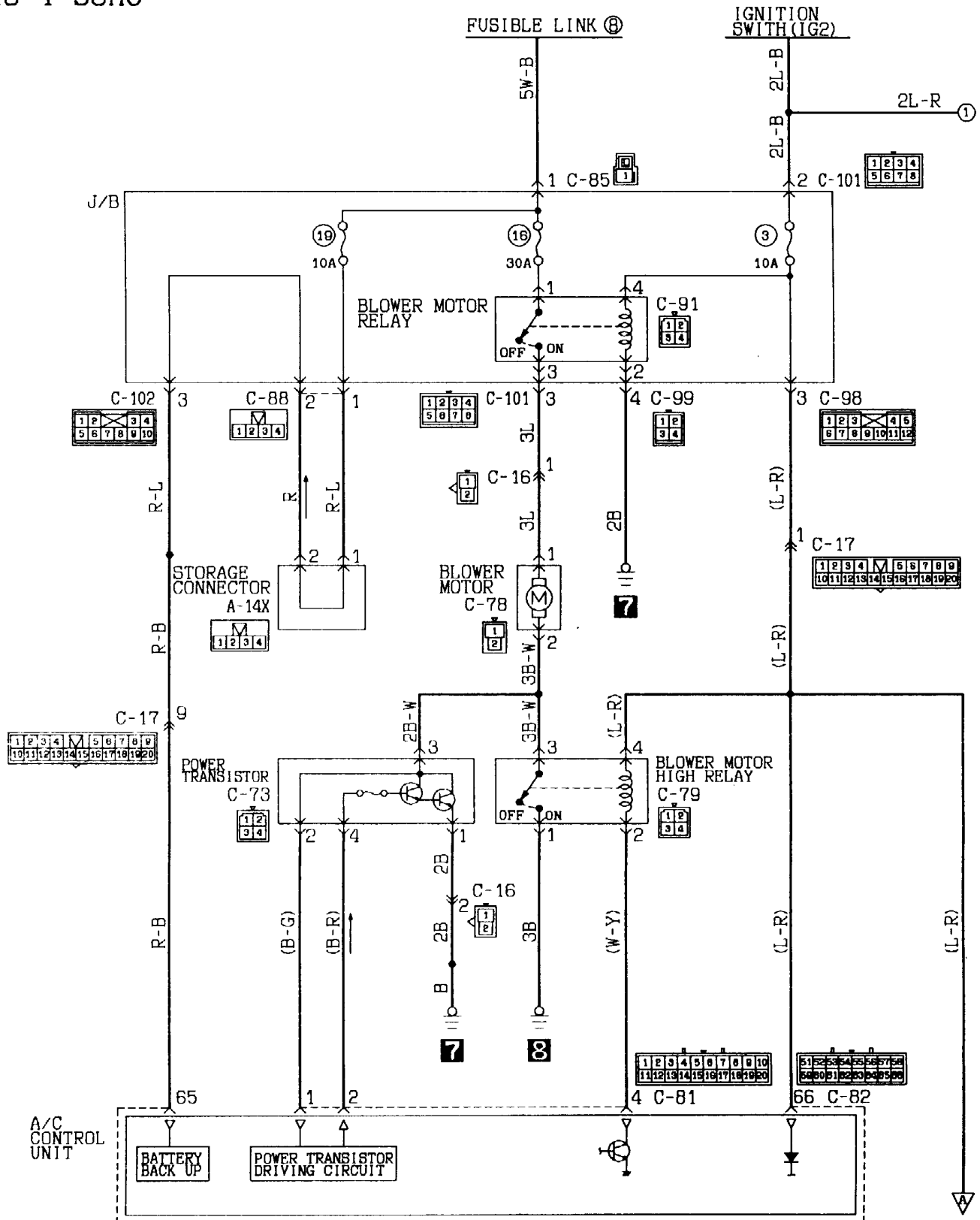


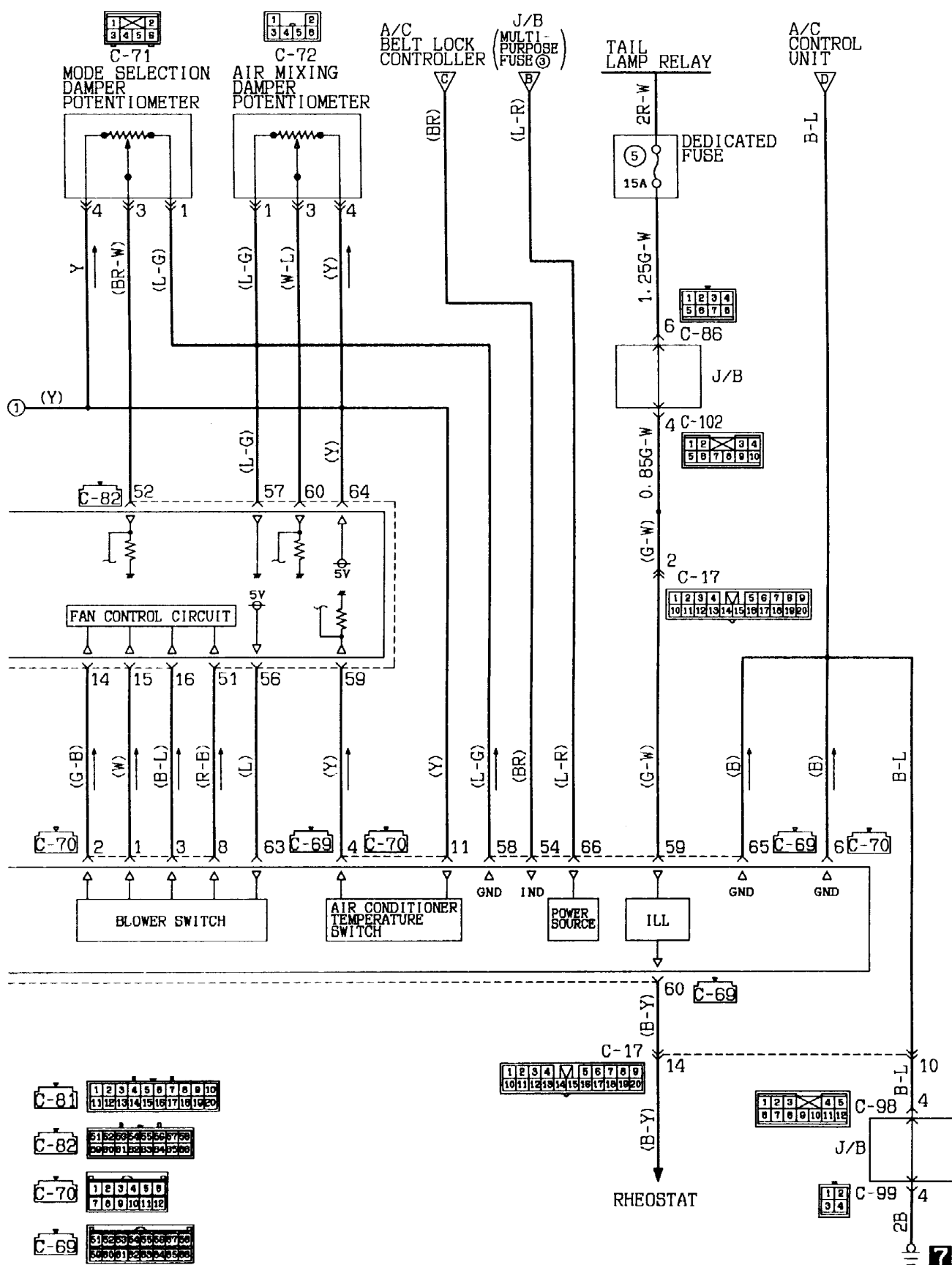
Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



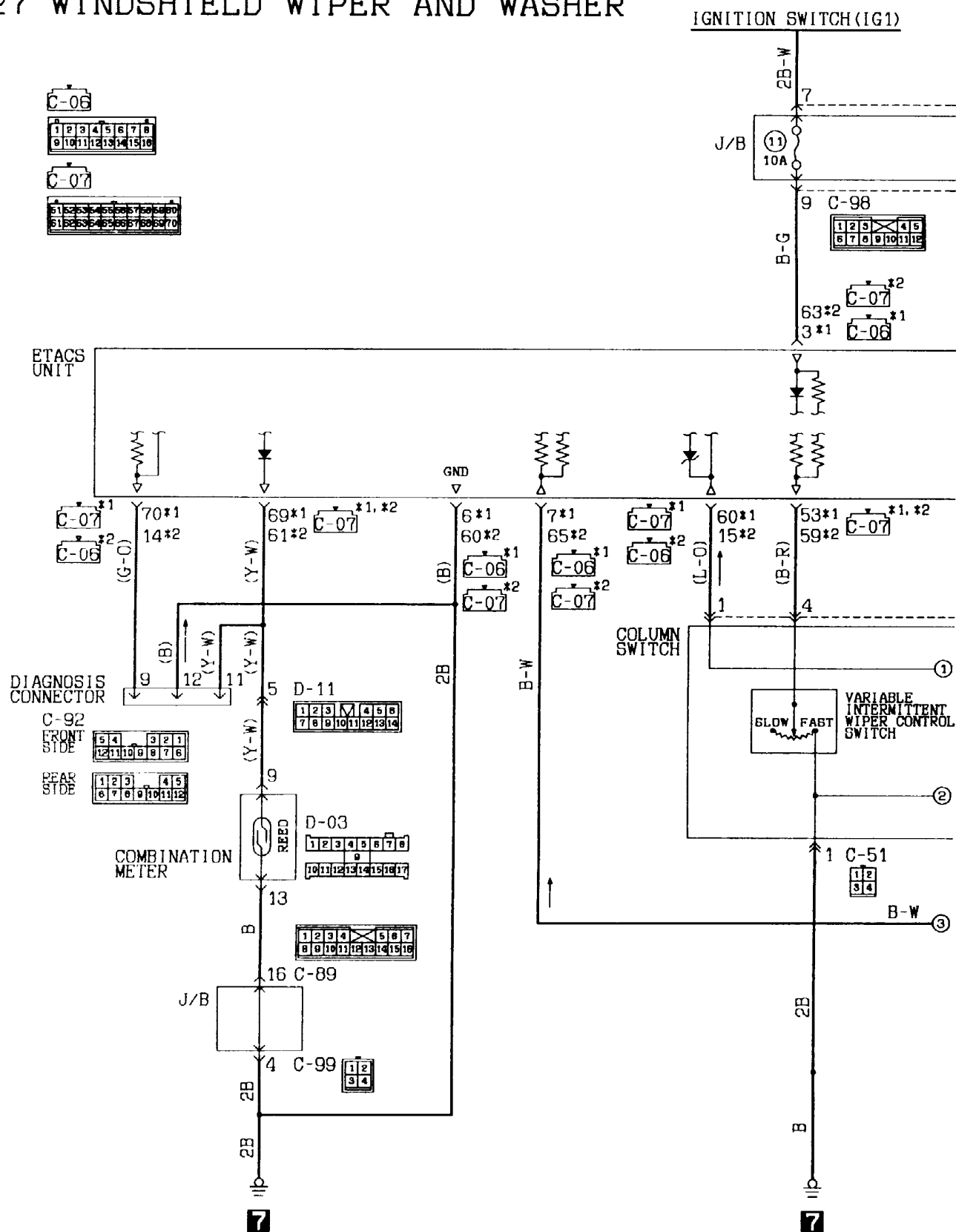
26 HEATER AND AIR CONDITIONER

26-1 SOHC





27 WINDSHIELD WIPER AND WASHER



RX35-AC-J1322-EC

Wire colour code

B:Black

LG:Light green

G:Green

L:Blue

W:White

Y:Yellow

BB:Sky blue

BR:Brown

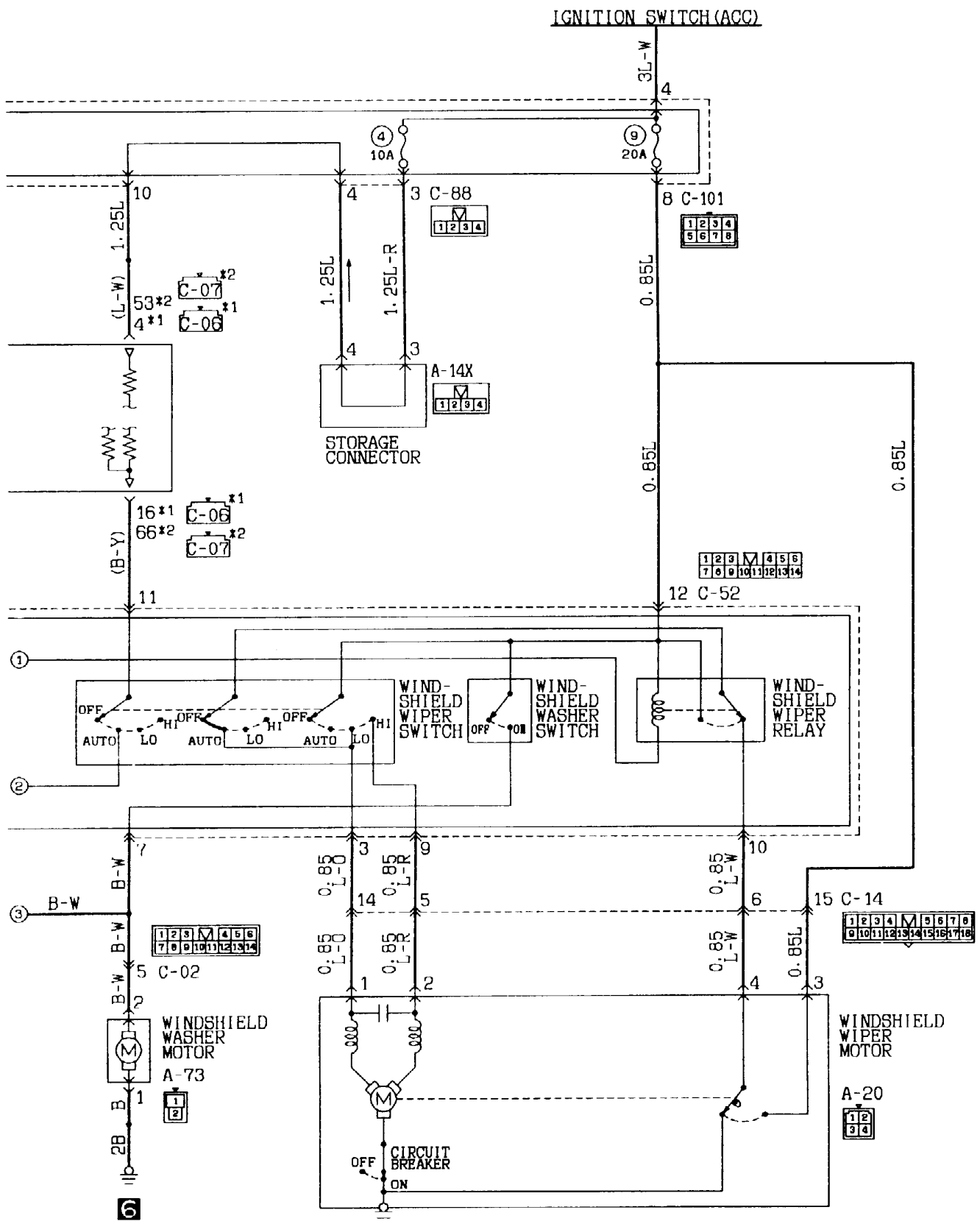
O:Orange

GR:Gray

R:Red

P:Pink

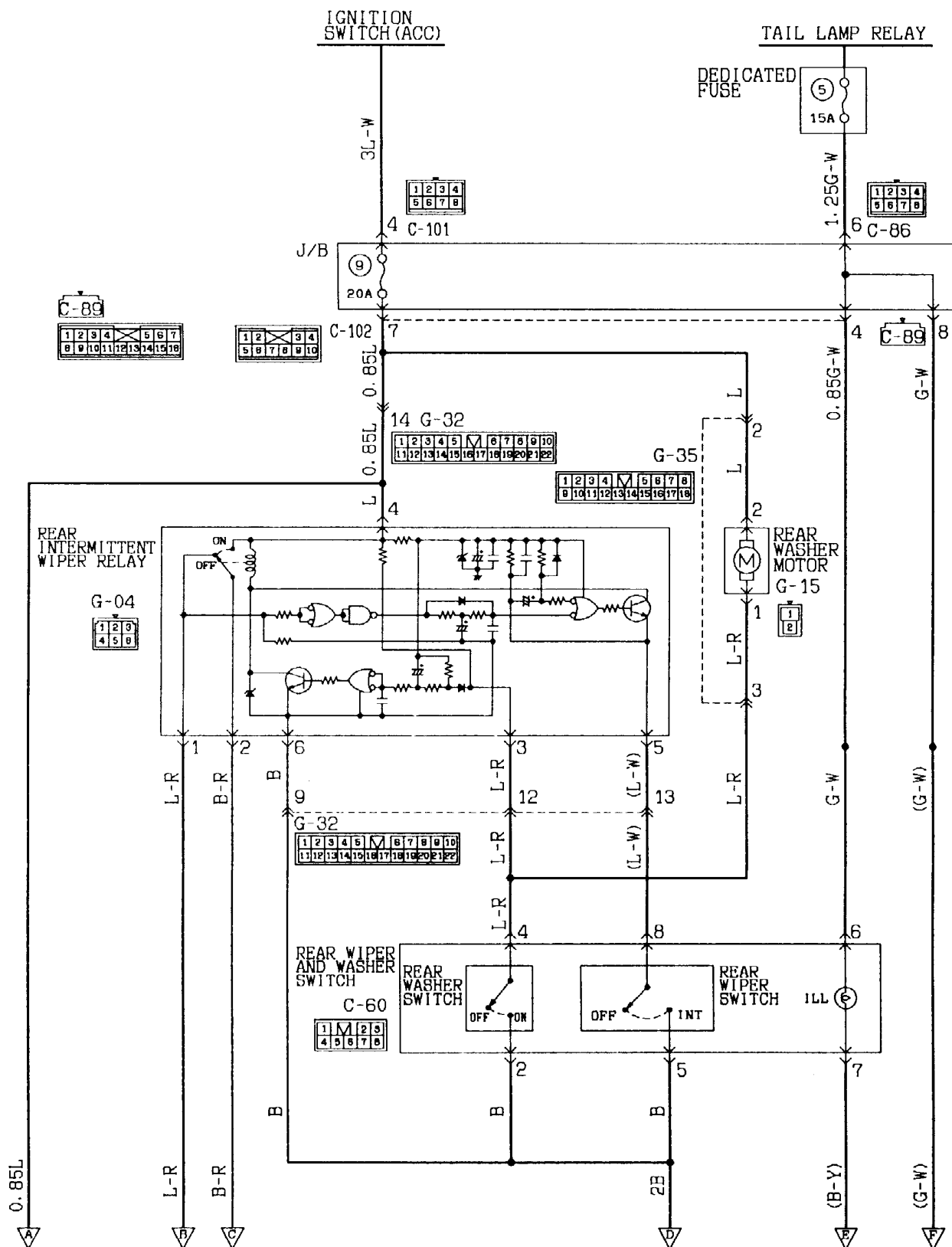
V:Violet



Remarks

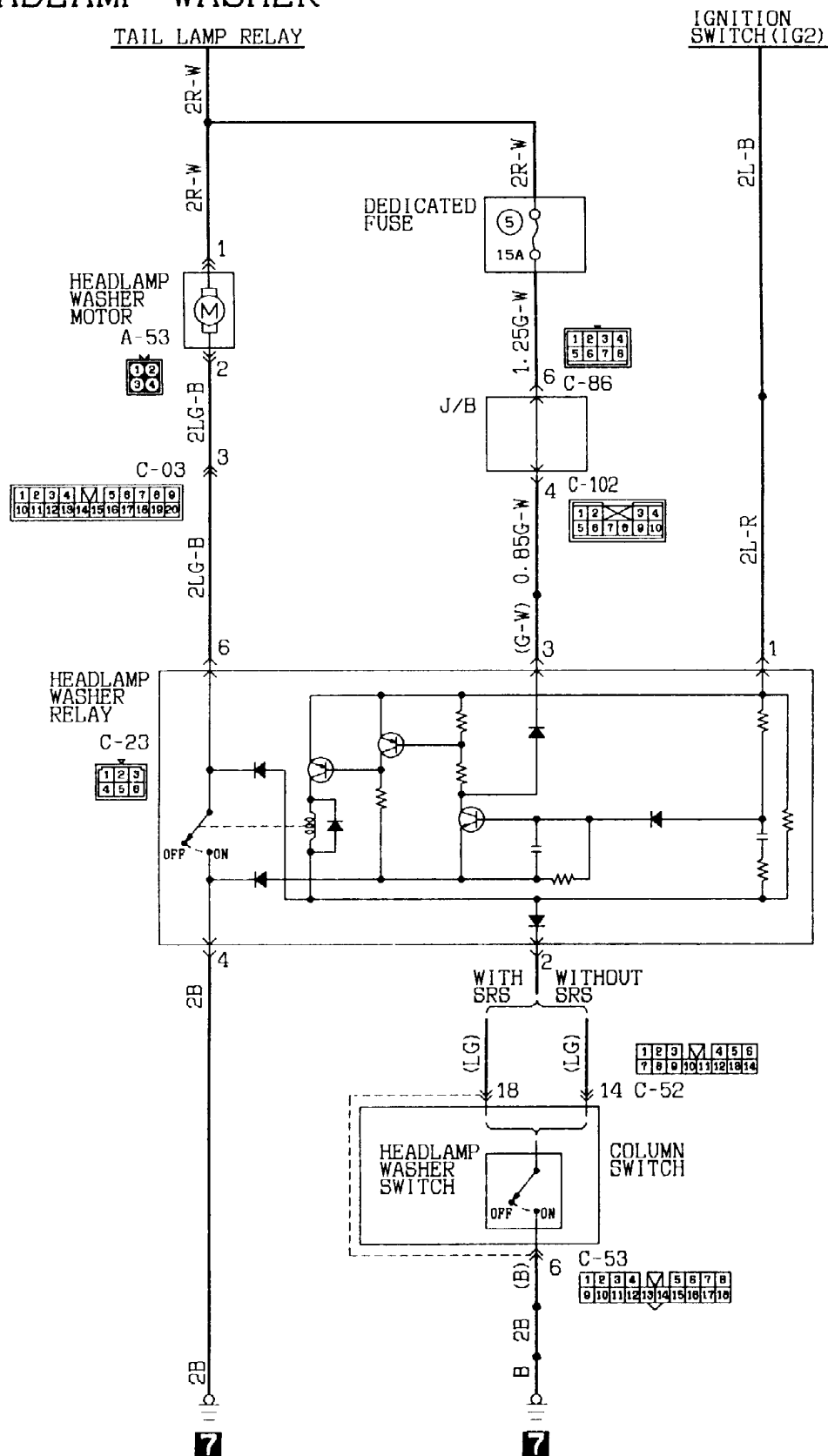
- (1) *1: Vehicles without Theft-Alarm system.
 (2) *2: Vehicles with Theft-Alarm system.

28 REAR WIPER AND WASHER



KX35-AC-J1318-EC

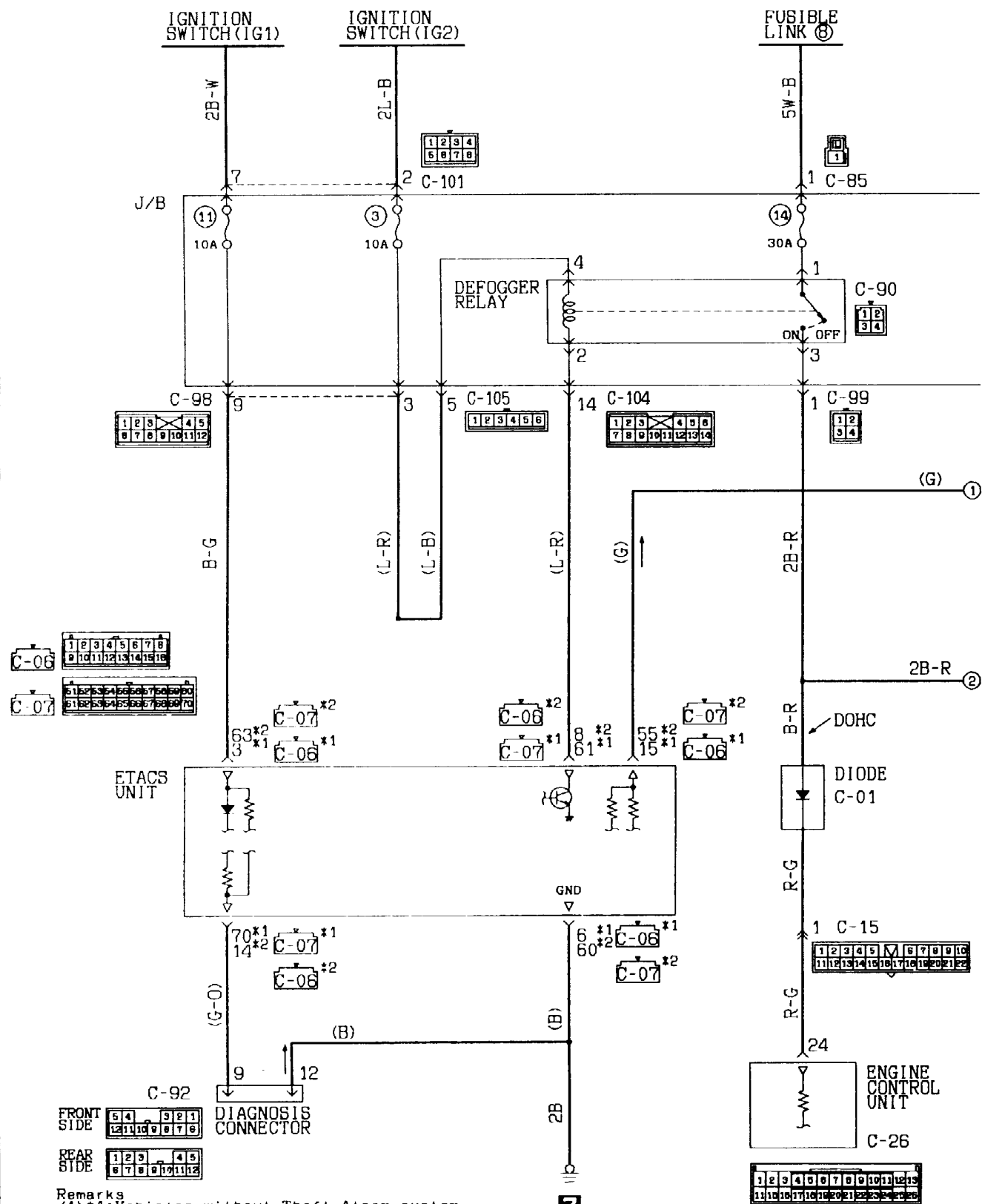
29 HEADLAMP WASHER



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

KX35-AC-J1317-EC

30 DEFOGGER AND DOOR MIRROR HEATER



Remarks

- (1)*1: Vehicles without Theft-Alarm system.
 (2)*2: Vehicles with Theft-Alarm system.

Wire colour code

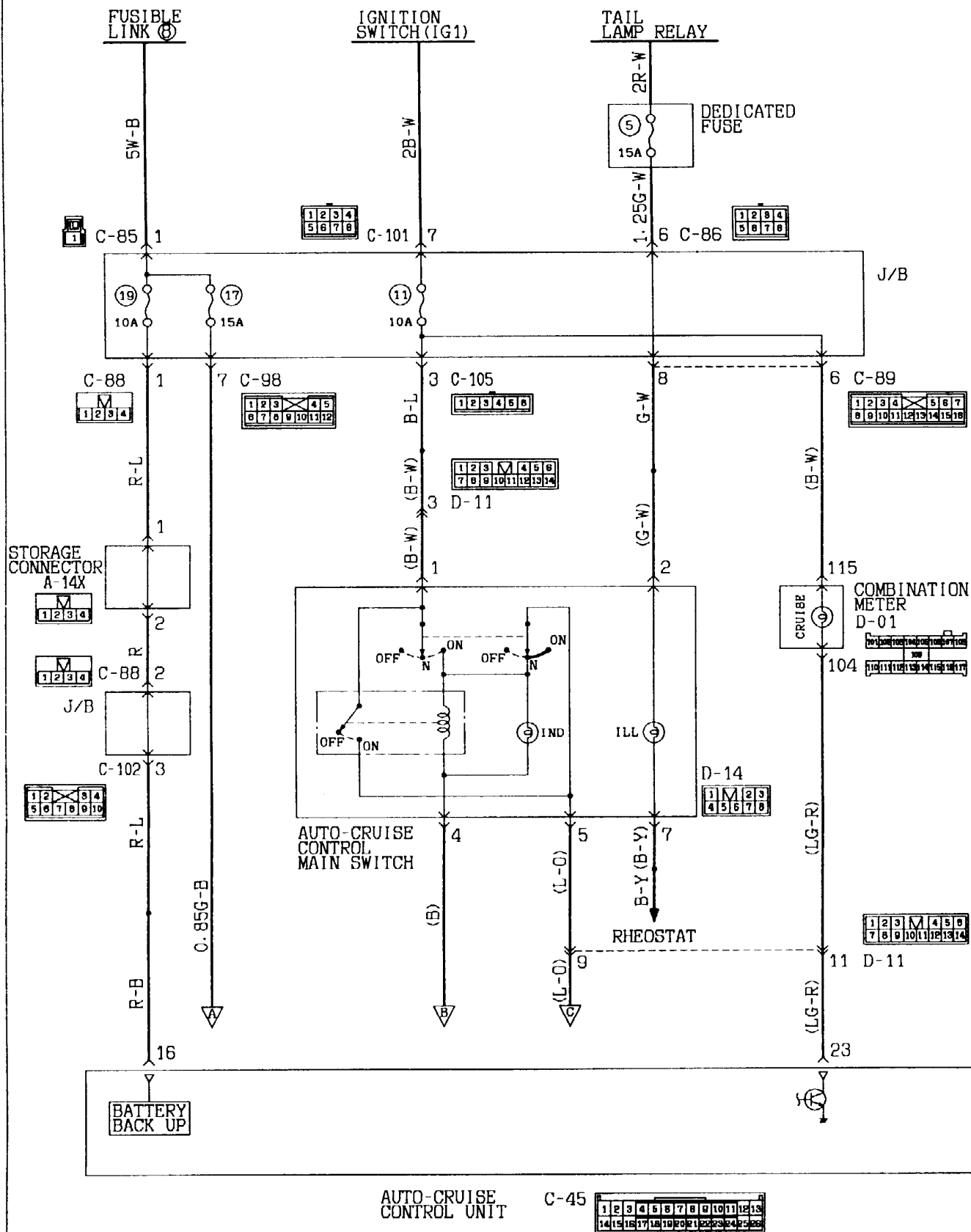
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-J1323-EC

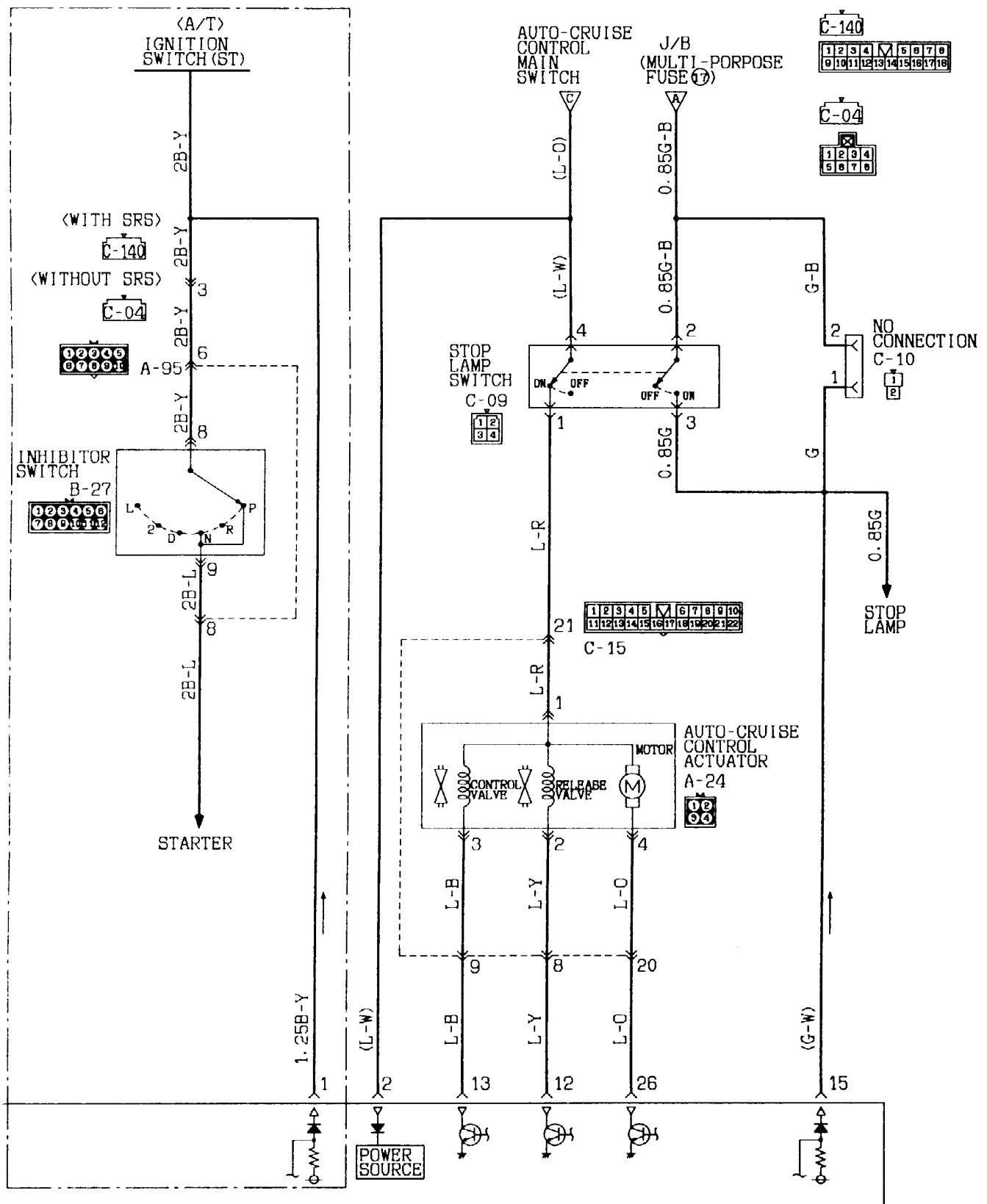
FUSIBLE
LINK ⑧

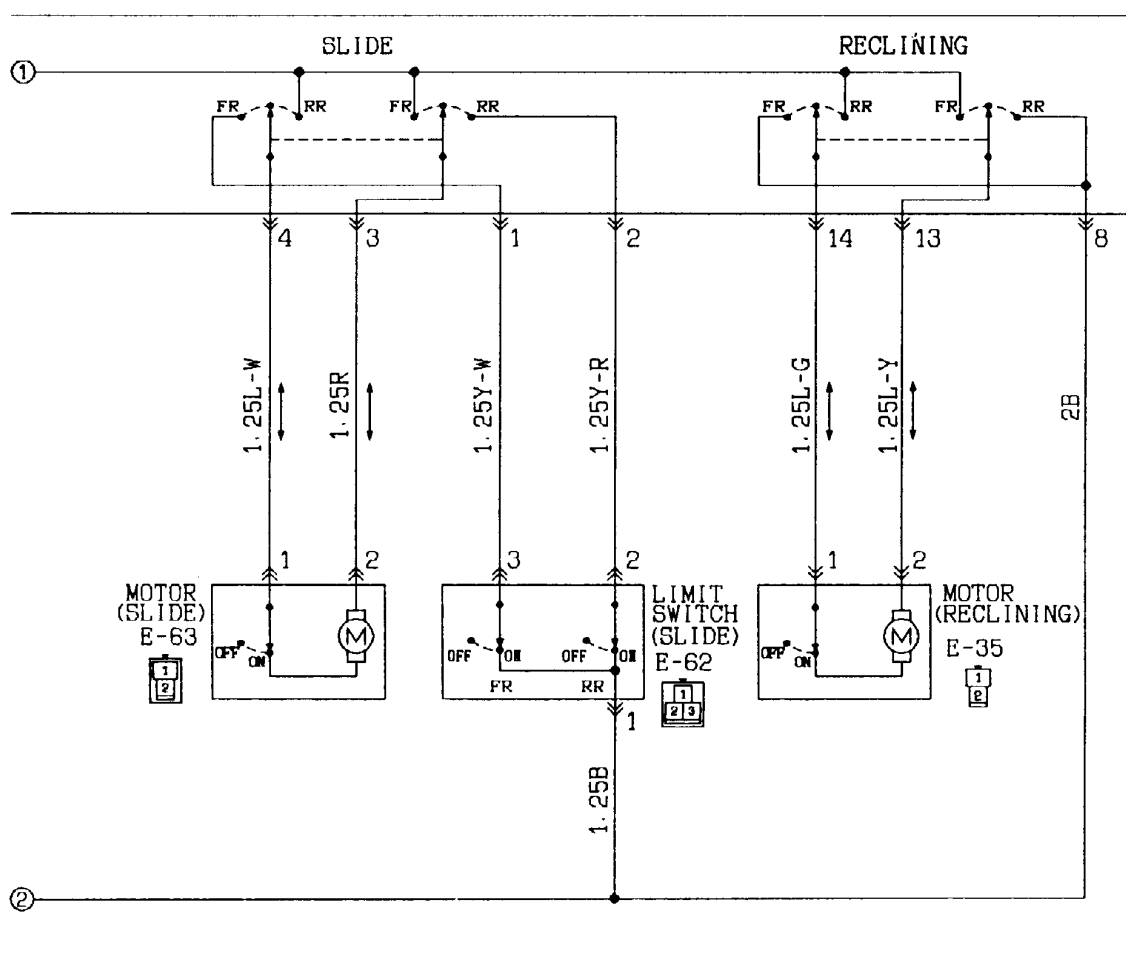
IGNITION
SWITCH (IG1)

TAIL
LAMP RELAY



KX35-AC-J1526-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

[illegible]

Remarks

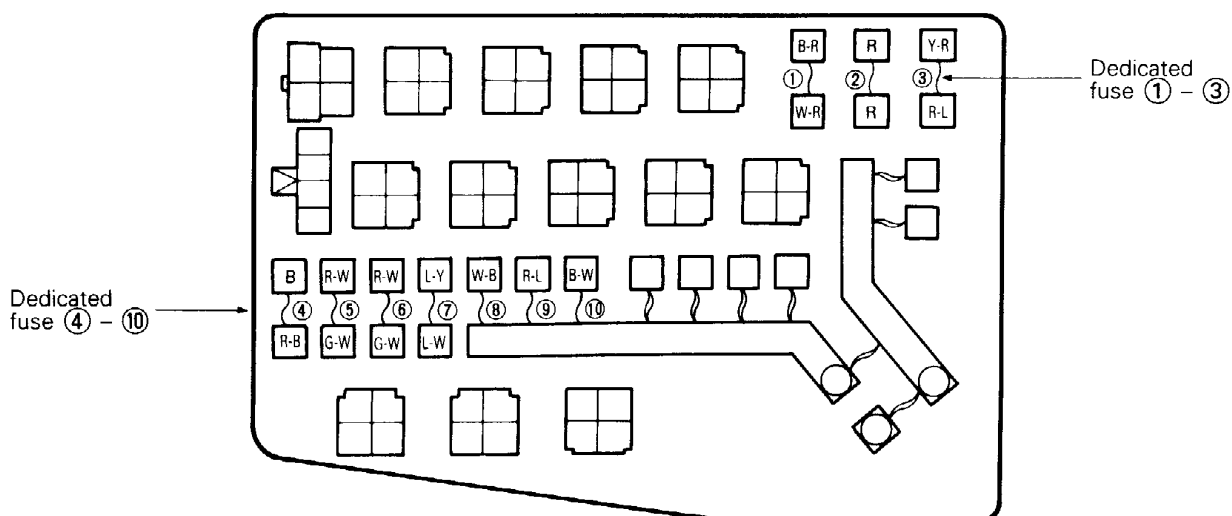
- REMARKS
(1)*1: Vehicles without Theft-Alarm system.
(2)*2: Vehicles with Theft-Alarm system.

Wire colour code

Wire colour code
KX35-AC-J1533-EC 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

DEDICATED FUSE ① – ⑩ (Relay box in engine compartment)

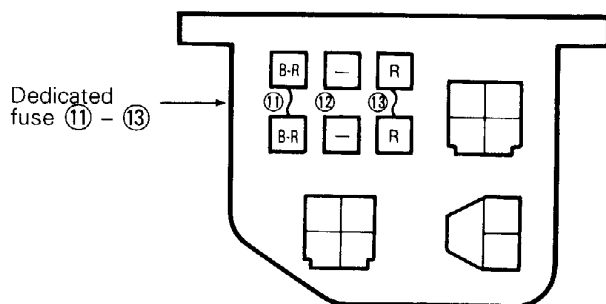
Power supply circuit	No.	Rated capacity (A)	Housing colour	Circuit
Battery	1	10	Red	A/C compressed circuit
	2	15	Blue	ACTIVE-ECS circuit
Headlamp relay (Battery)	3	10	Red	Upper beam indicator, rear fog lamp and headlamp leveling system circuit
Battery	4	15	Blue	Front fog lamp circuit
Tail lamp relay (Battery)	5	15	Blue	Tail lamp, illumination and lighting monitor buzzer circuit
	6	15	Blue	Tail lamp circuit
Battery	7	30	Green	Condenser fan circuit
	8	20	Yellow	MPI circuit
	9	15	Blue	Hazard lamp circuit
	10	30	Green	TCL circuit



16N0763

DEDICATED FUSE ⑪ – ⑬ (Relay box in passenger compartment)

Power supply circuit	No.	Rated capacity (A)	Housing colour	Circuit
Defogger relay (Battery)	11	10	Red	Door mirror heater circuit
—	12	—	—	—
Battery	13	20	Yellow	Theft-alarm horn circuit

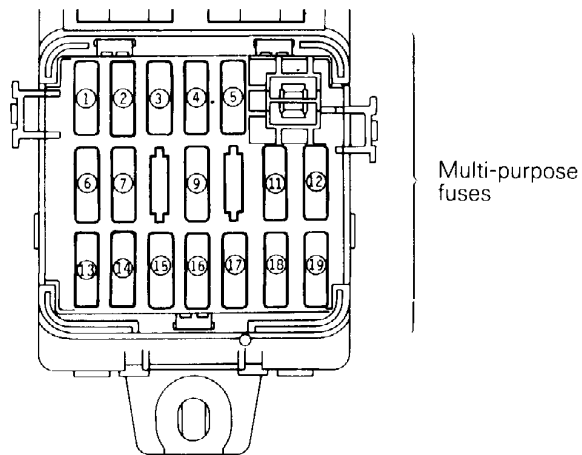


16N0231

MULTI-PURPOSE FUSE (In junction block)

Power supply circuit		No.	Rated capacity (A)	Load circuit
Battery		1	10	Horn, horn relay
Ignition switch	IG2	2	10	ABS control unit, ABS valve relay, ACTIVE-ECS relay and EPS control unit
	IG2	3	10	A/C belt lock controller, A/C control panel assembly, A/C control unit, blower motor relay, blower motor high relay, dim-dip lamp relay (I), defogger relay and power seat control unit
	ACC	4	10	Auto-cruise control unit, clock, radio, motor antenna and ETACS unit
	ACC	5	15	Accessory socket, cigarette lighter
Battery		6	15	Motor antenna
Ignition switch	IG2	7	10	ACTIVE-ECS control unit <A/T>, auto-cruise control unit, combination meter, ELC-4A/T control unit, power seat control unit and TCL control unit
—		8	—	—
Ignition switch	ACC	9	20	Door control unit, rear wiper, rear washer, windshield wiper and windshield washer
—		10	—	—

Power supply circuit		No.	Rated capacity (A)	Load circuit
Ignition switch	IG1	11	10	Alternator relay, auto-cruise control unit, combination meter, engine oil level relay, ETACS unit, lighting monitor buzzer, motor antenna, power seat control unit and sunroof control unit
	IG1	12	10	Turn and hazard flasher unit and SRS diagnosis unit
Battery		13	20	ACTIVE-ECS control unit
		14	30	Defogger and door mirror heater
		15	20	Sunroof control unit
		16	30	Blower motor
		17	15	ACTIVE-ECS control unit and stop lamp
Ignition switch	IG1	18	10	ACTIVE-ECS control unit <M/T>, back-up lamp and SRS diagnosis unit
Battery		19	10	A/C control unit, ACTIVE-ESC control unit, auto-cruise control unit, clock, combination meter, door control unit, door lamp, ELC-4A/T control unit, engine control unit, ETACS unit, foot lamp, ignition key cylinder illumination lamp, power seat control unit, radio, room lamp, TCL control unit and luggage compartment lamp

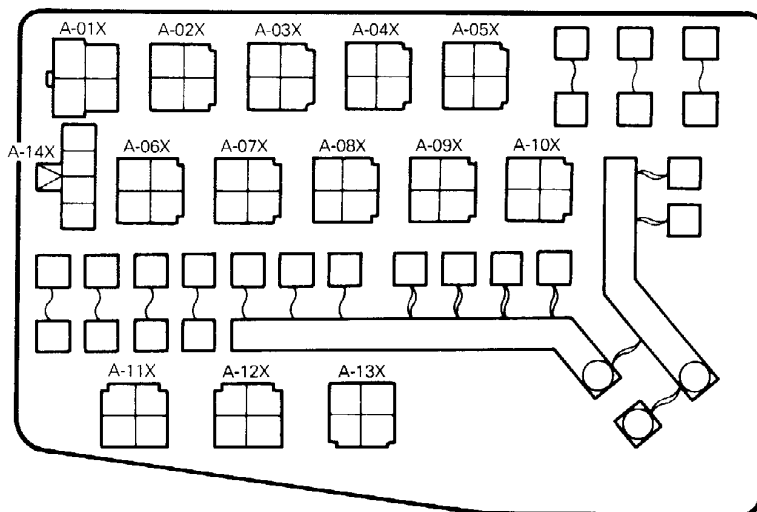


36N0356

CENTRALIZED RELAY

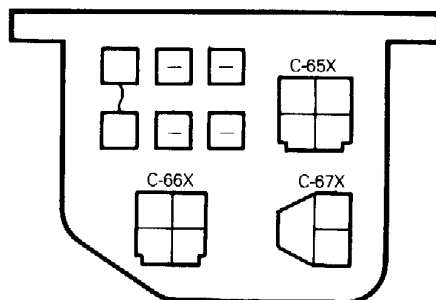
Classification		Name	Classification		Name
Relay box in engine compartment	A-01X	Alternator relay	Relay box in engine compartment	A-09X	Condenser fan motor relay (LO)
	A-02X	Headlamp relay		A-10X	Condenser fan motor relay (HI)
	A-03X	Tail lamp relay		A-11X	ACTIVE-ECS relay
	A-04X	Front fog lamp relay		A-12X	Radiator fan motor relay (LO-I)
	A-05X	Power window relay		A-13X	Rear fog lamp relay
	A-06X	A/C compressor relay		A-14X	Storage connector
	A-07X	Radiator fan motor relay (LO-II)	Relay box in passenger compartment	C-65X	Horn relay
	A-08X	Radiator fan motor relay (HI)		C-66X	Theft-alarm horn relay
C-67X				Turn and hazard flasher unit	

<Relay box in engine compartment>



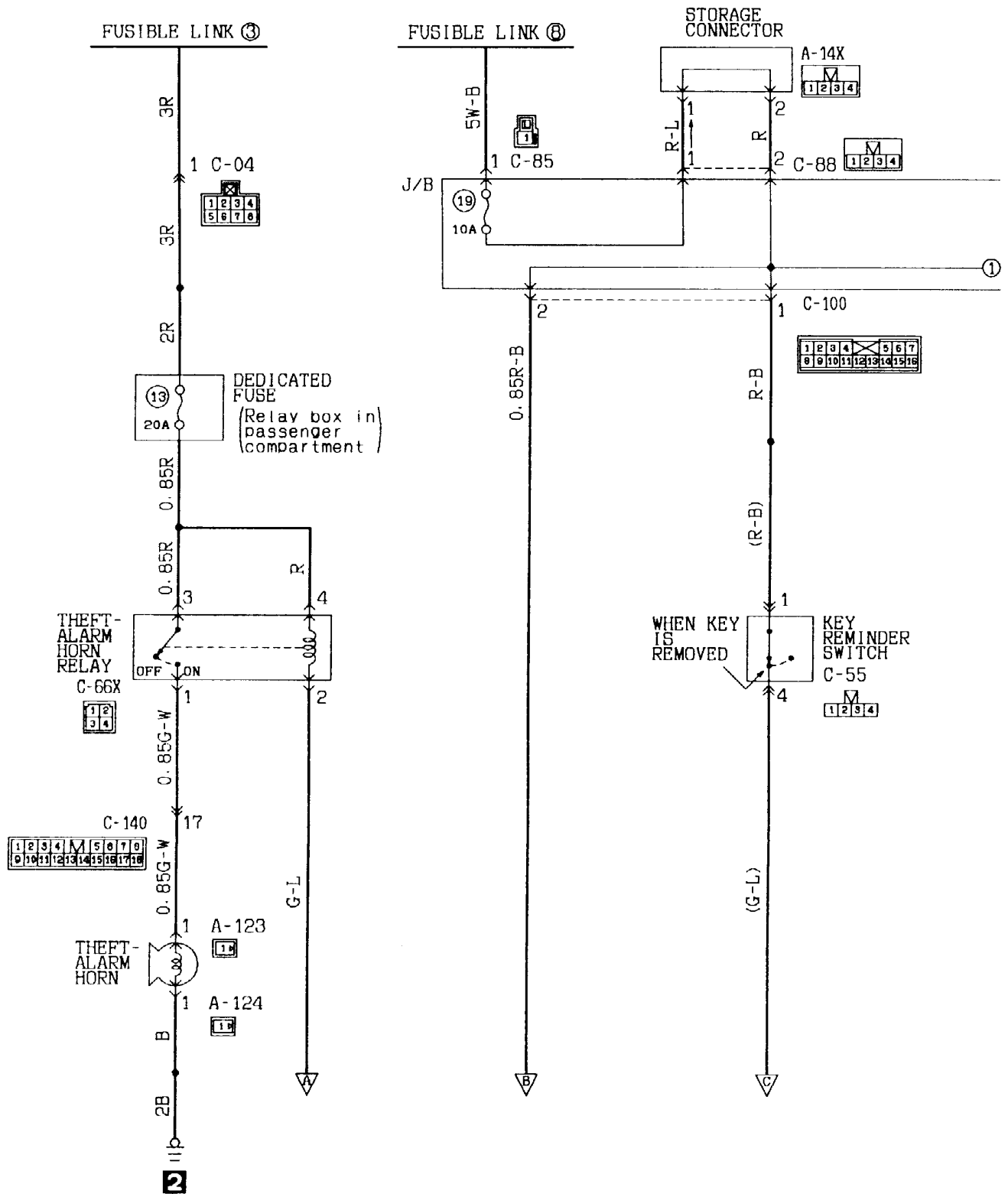
16N0763

<Relay box in passenger compartment>



16N0231

46 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

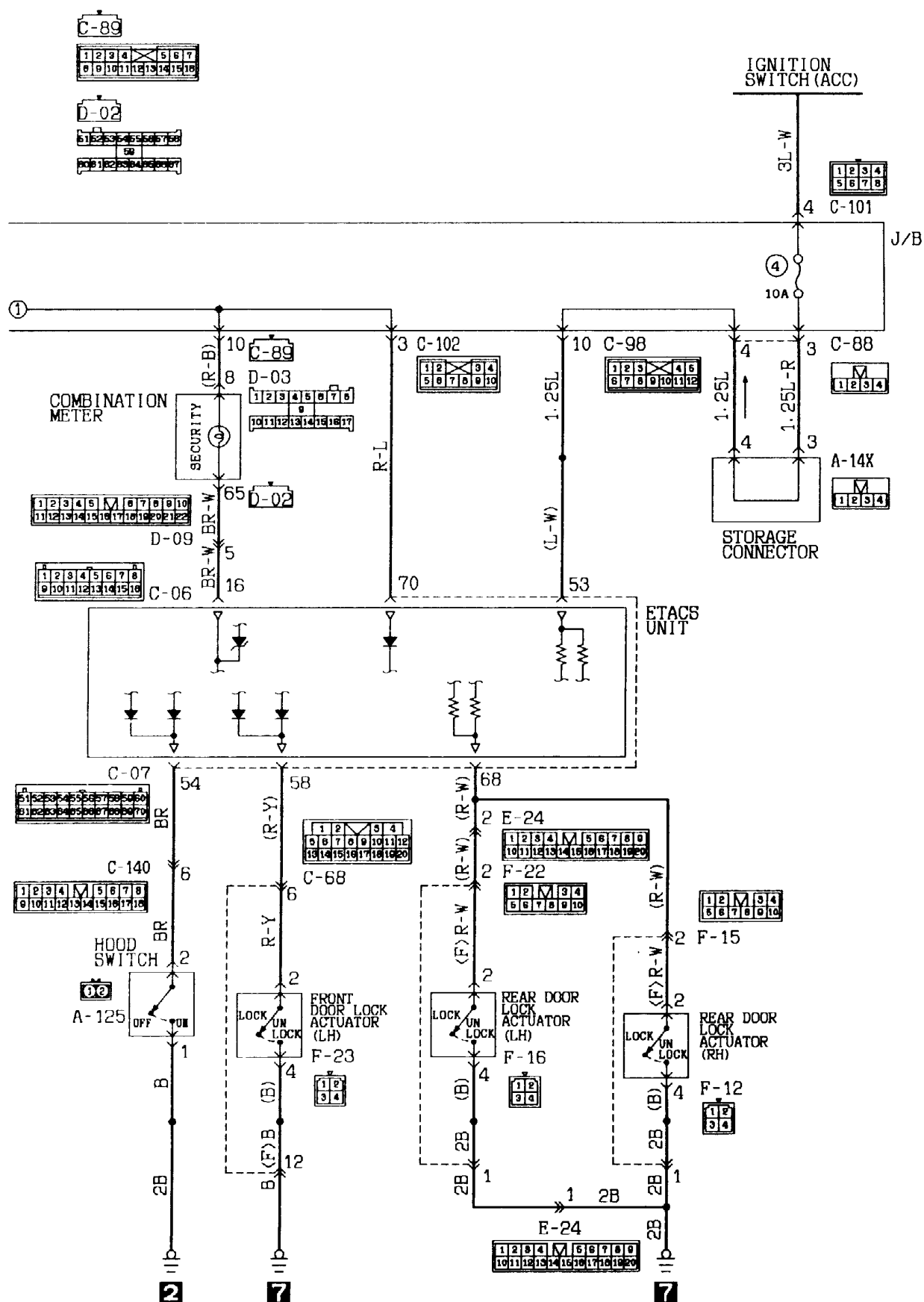
GR:Gray

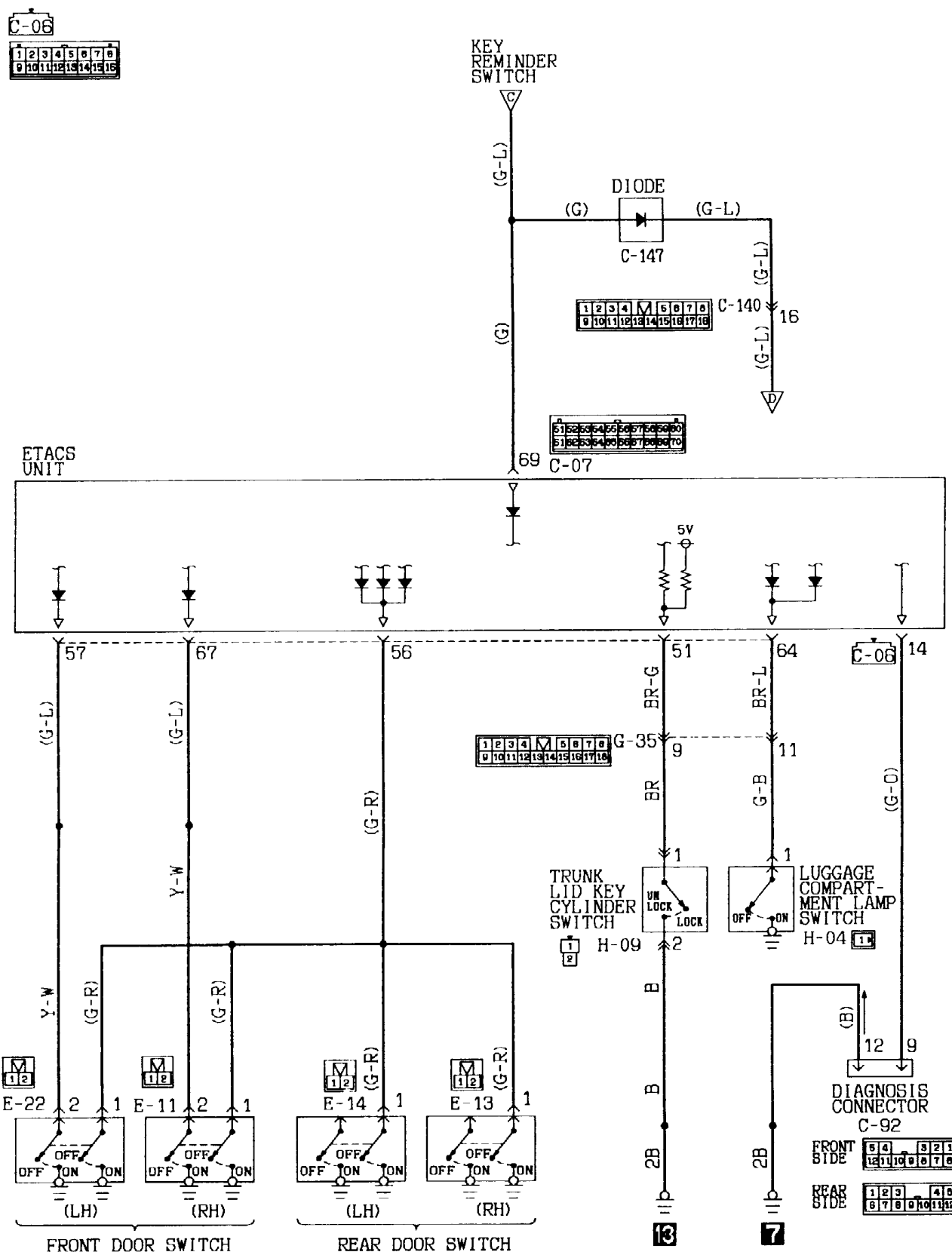
R:Red

P:Pink

V:Violet

KX35-AC-J1534-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



