

4 CIRCUIT DIAGRAM

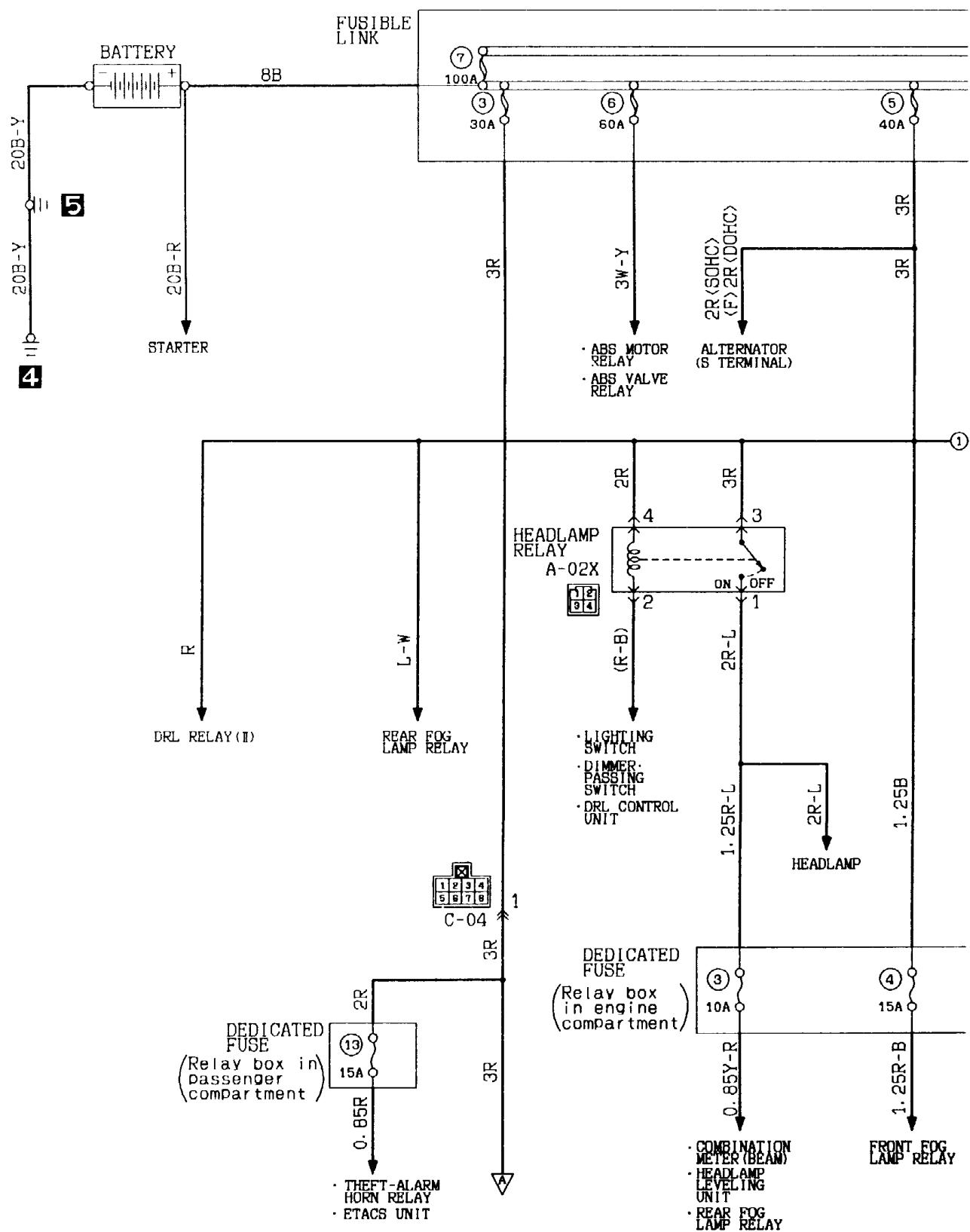
<L.H. drive vehicles built from November 1991>

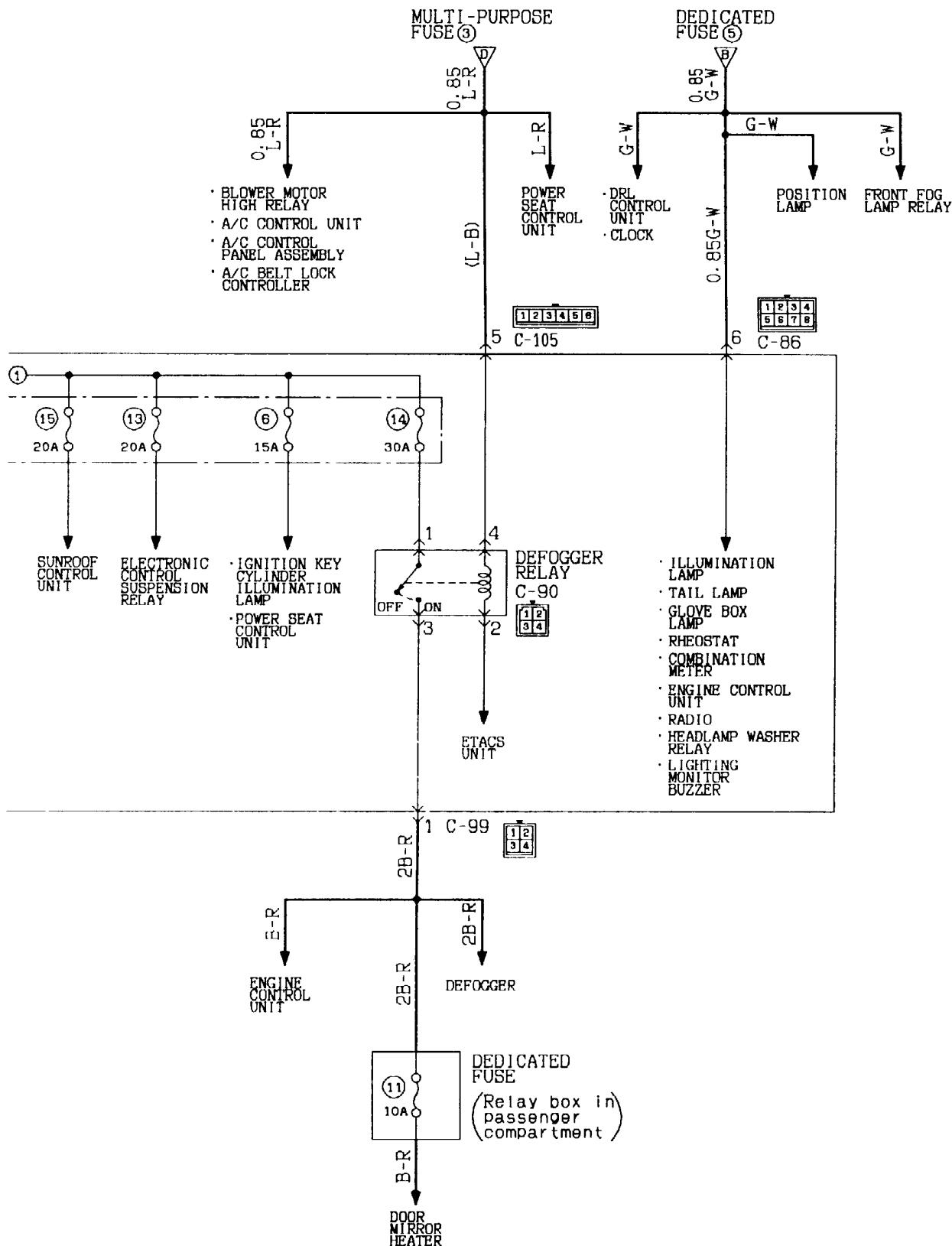
1 POWER DISTRIBUTION SYSTEM	4-272	14 LUGGAGE COMPARTMENT LAMP AND GLOVE BOX LAMP	4-344
2 STARTING SYSTEM		15 DOOR LAMP	4-346
2-1 Vehicles without theft-alarm system	4-278	16 AIR CONDITIONER CONTROL PANEL LAMP	4-347
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2-3 Vehicles with theft-alarm system <A/T>	4-278-2	18 STOP LAMP	4-351
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3-2 DOHC	4-280	21 METER AND GAUGE	4-354
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9-3 Headlamp leveling system	4-329	33 CLOCK	4-401
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11 FRONT FOG LAMP	4-335		
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34 CIGARETTE LIGHTER	4-402	41 SUNROOF	4-430
35 ACCESSORY SOCKET	4-403	42 HEATED SEAT	4-432
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NOTES

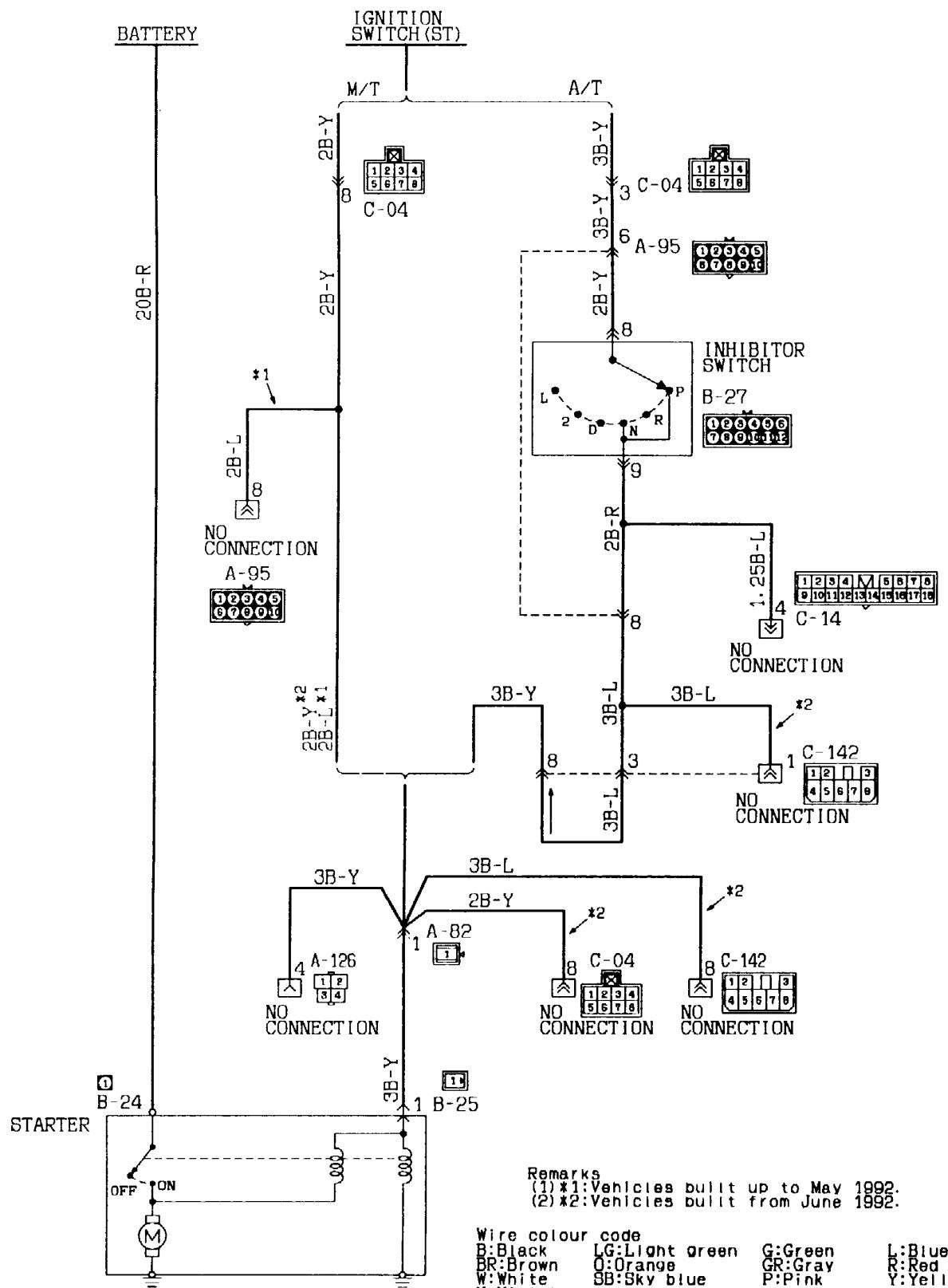
1 POWER DISTRIBUTION SYSTEM



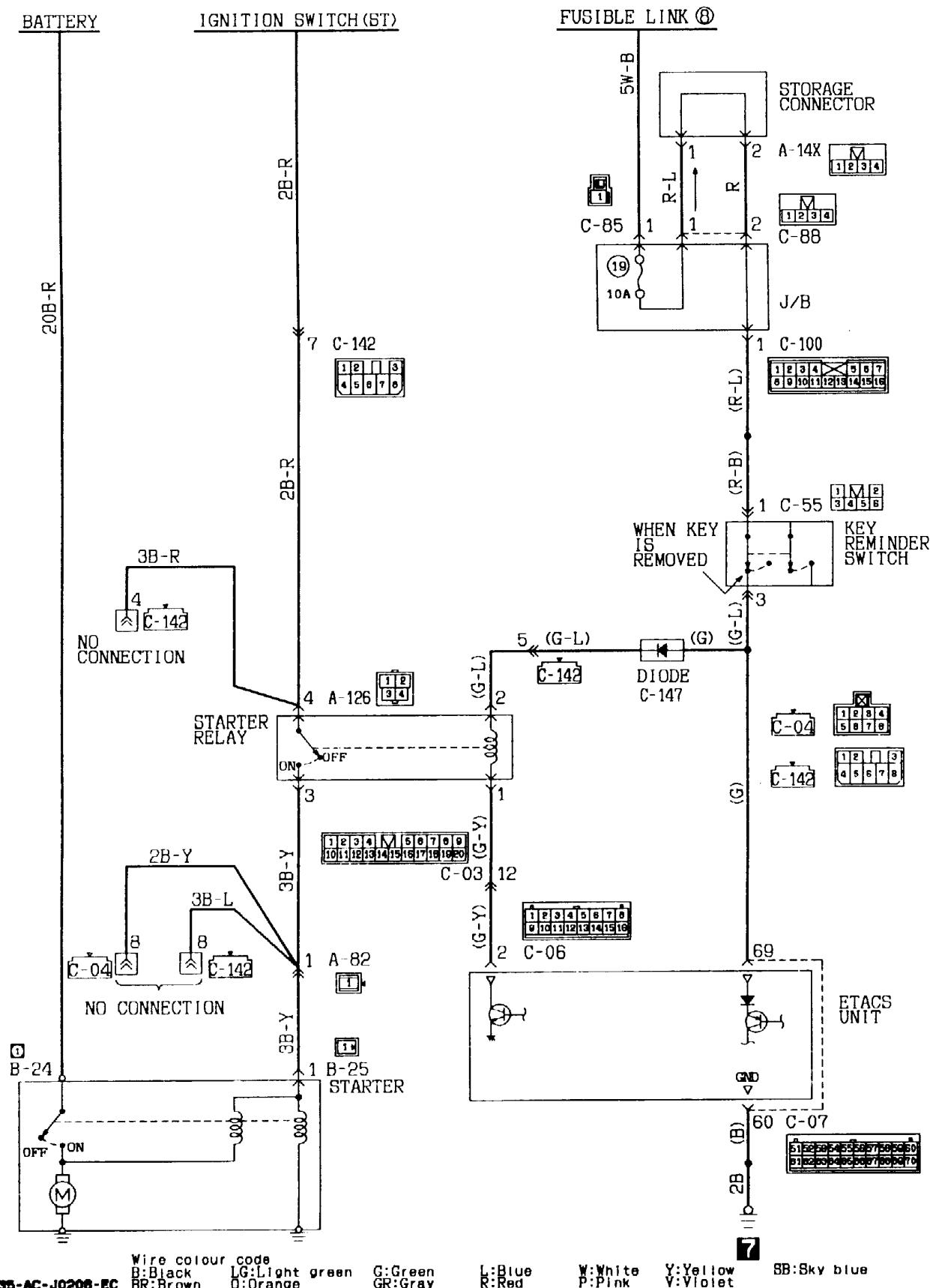


2 STARTING SYSTEM

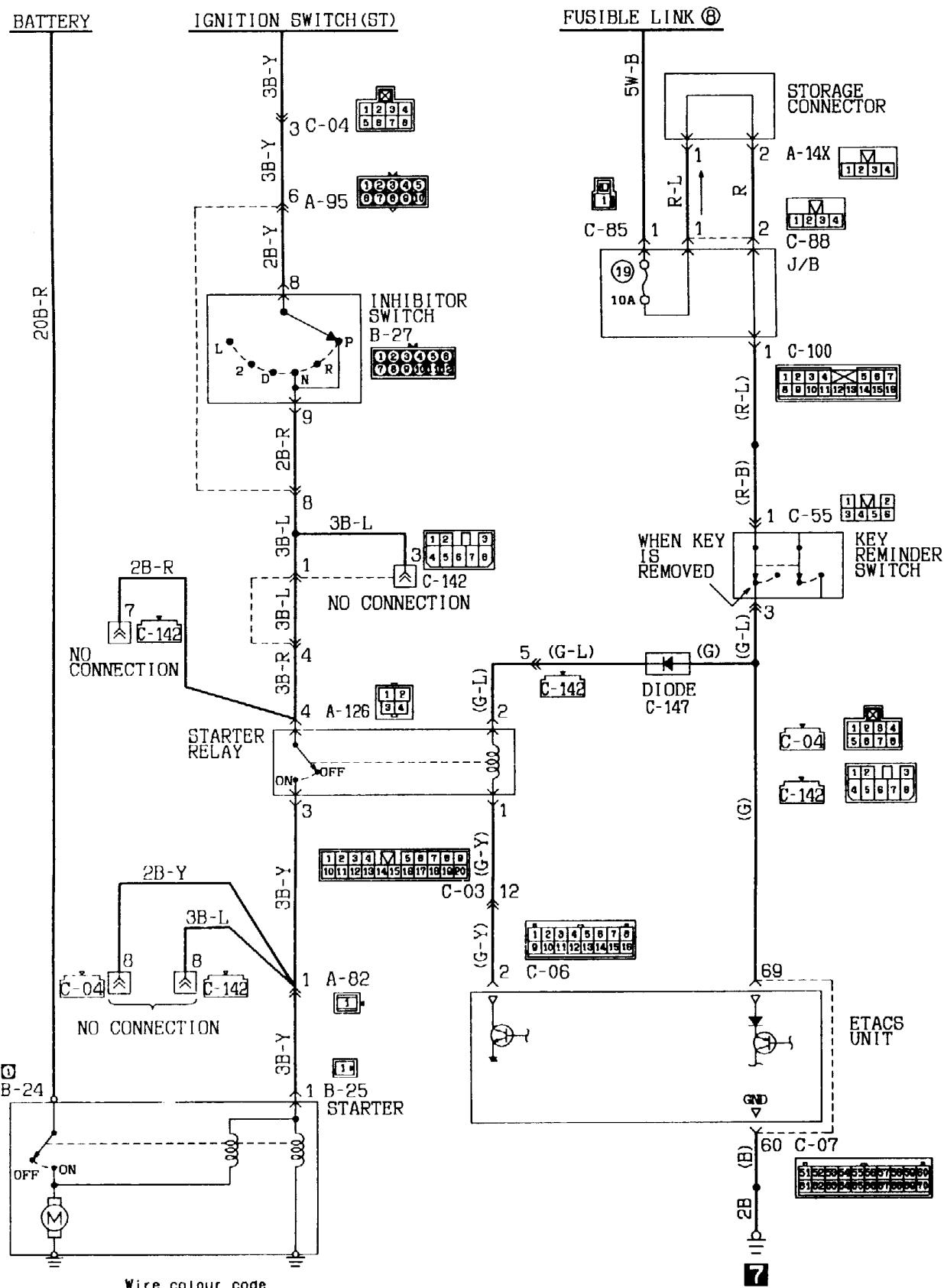
2-1 Vehicles without Theft-Alarm System



2-2 Vehicles with Theft-Alarm system< M/T >



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



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).

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

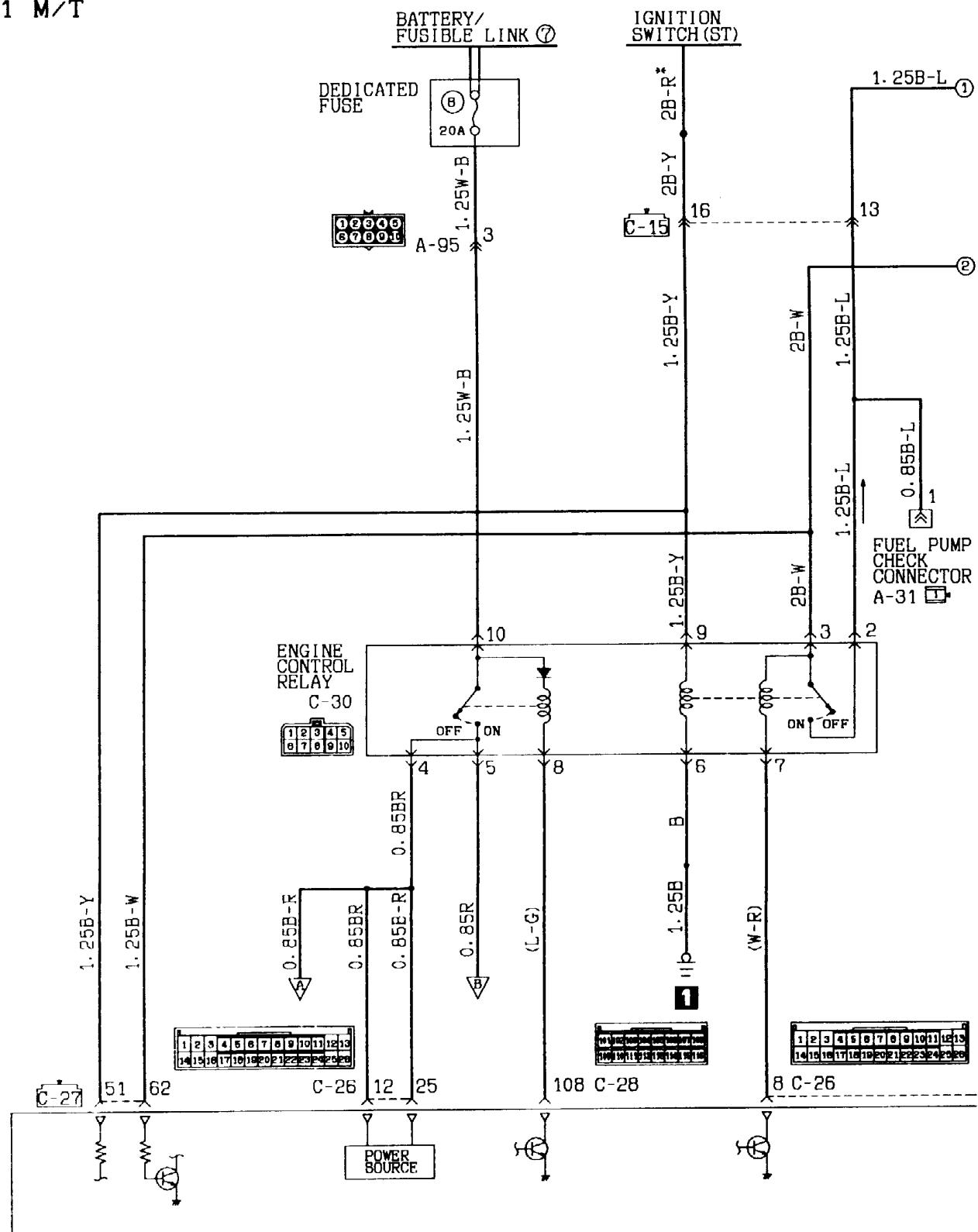
- The alternator relay is provided to back up the flow of current to the field coil when the charge warning lamp is open.

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 MPI-SOHC SYSTEM

5-1 M/T

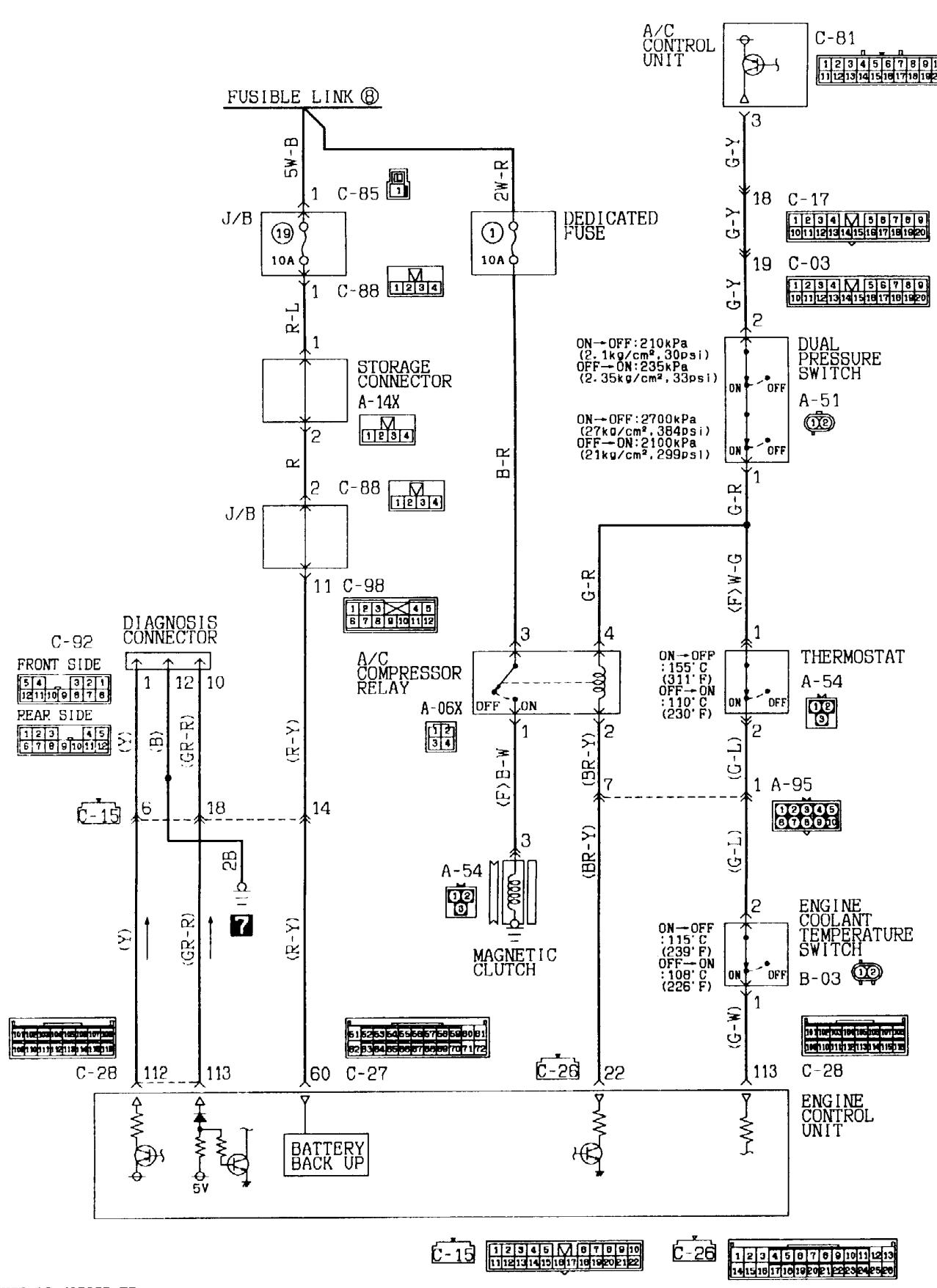


Remark
*: Vehicles with Theft-Alarm system.

ENGINE CONTROL UNIT

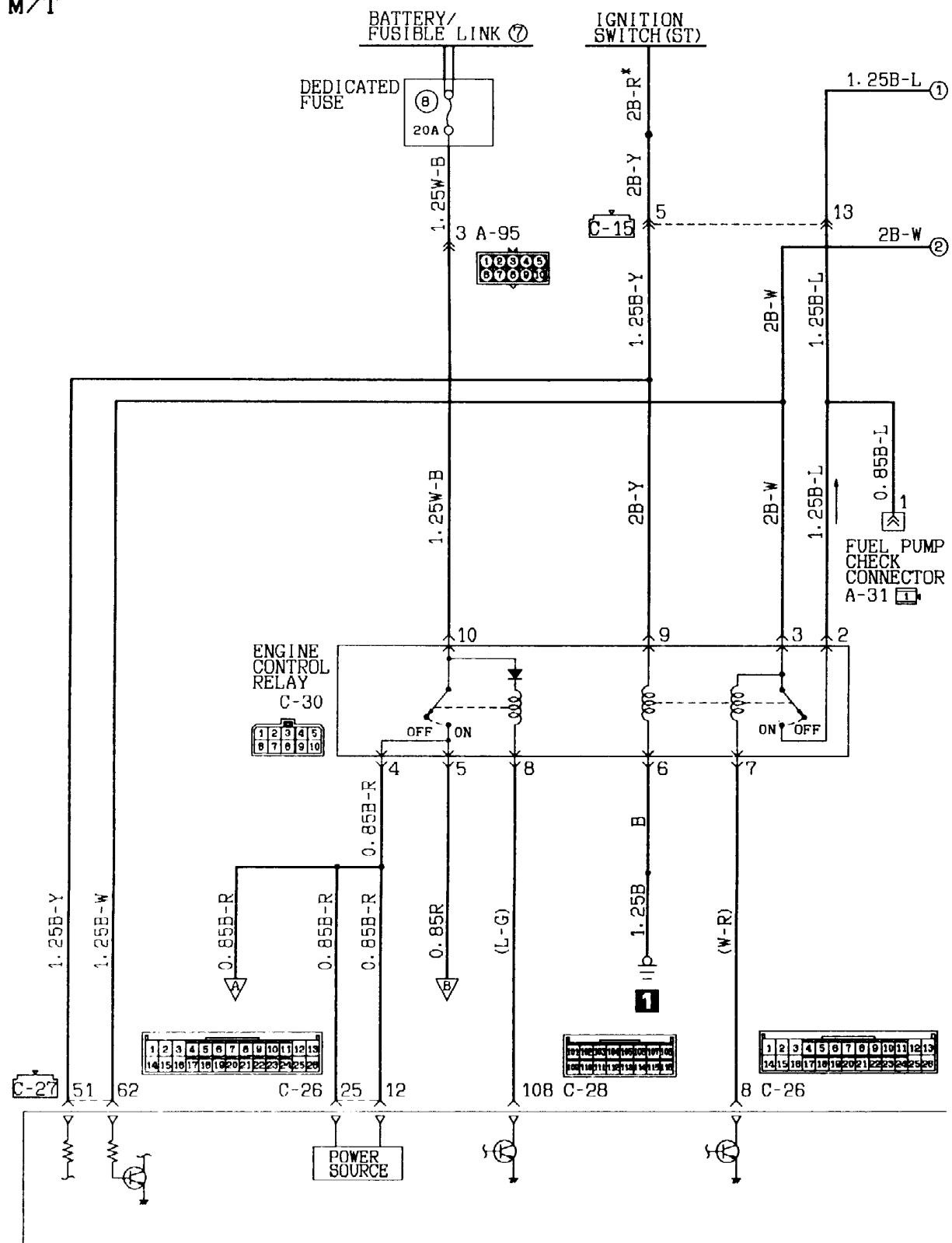
-27

C-15



6 MPI-DOHC SYSTEM

6-1 M/T



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.

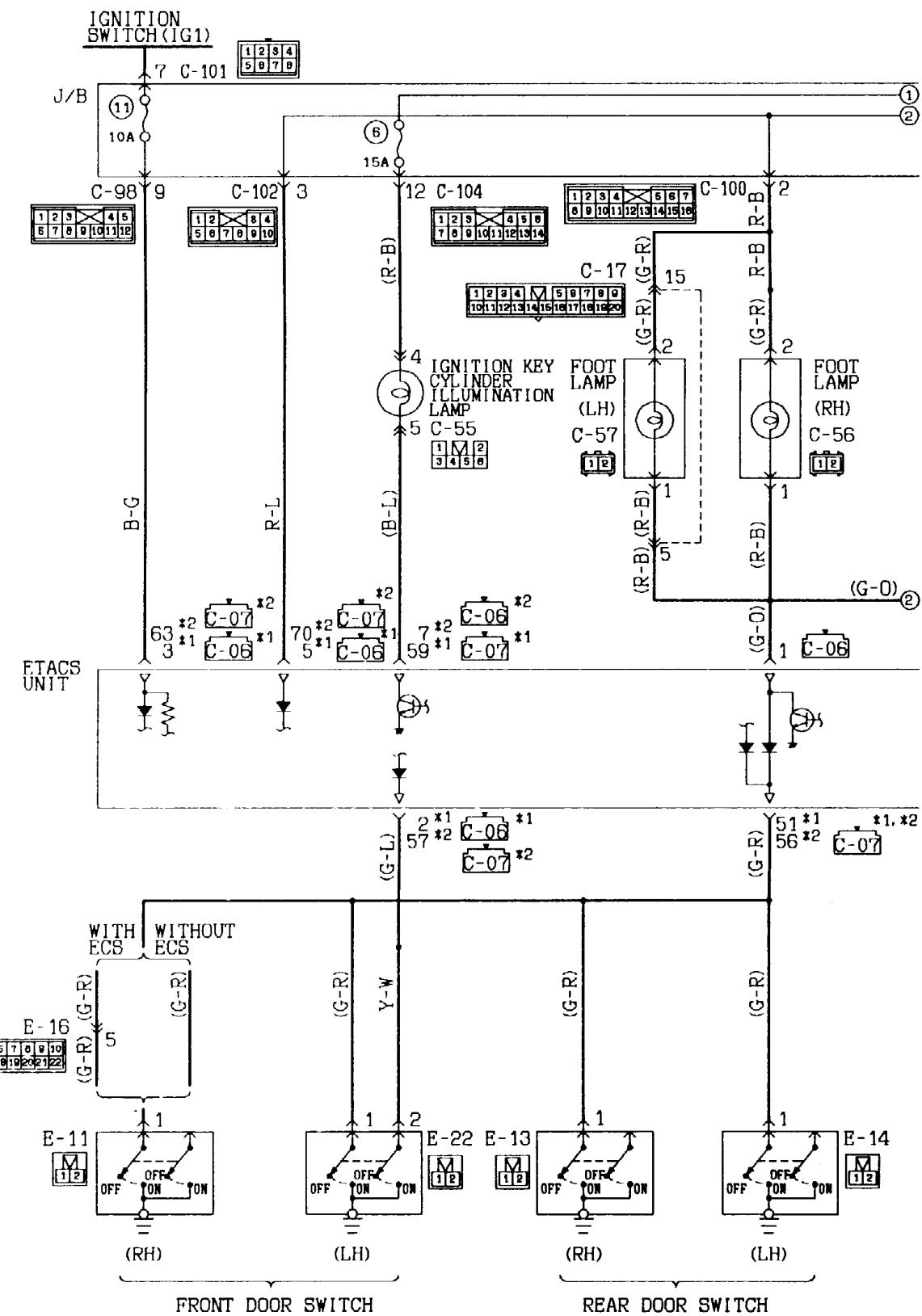
<IGNITION KEY CYLINDER ILLUMINATION LAMP>

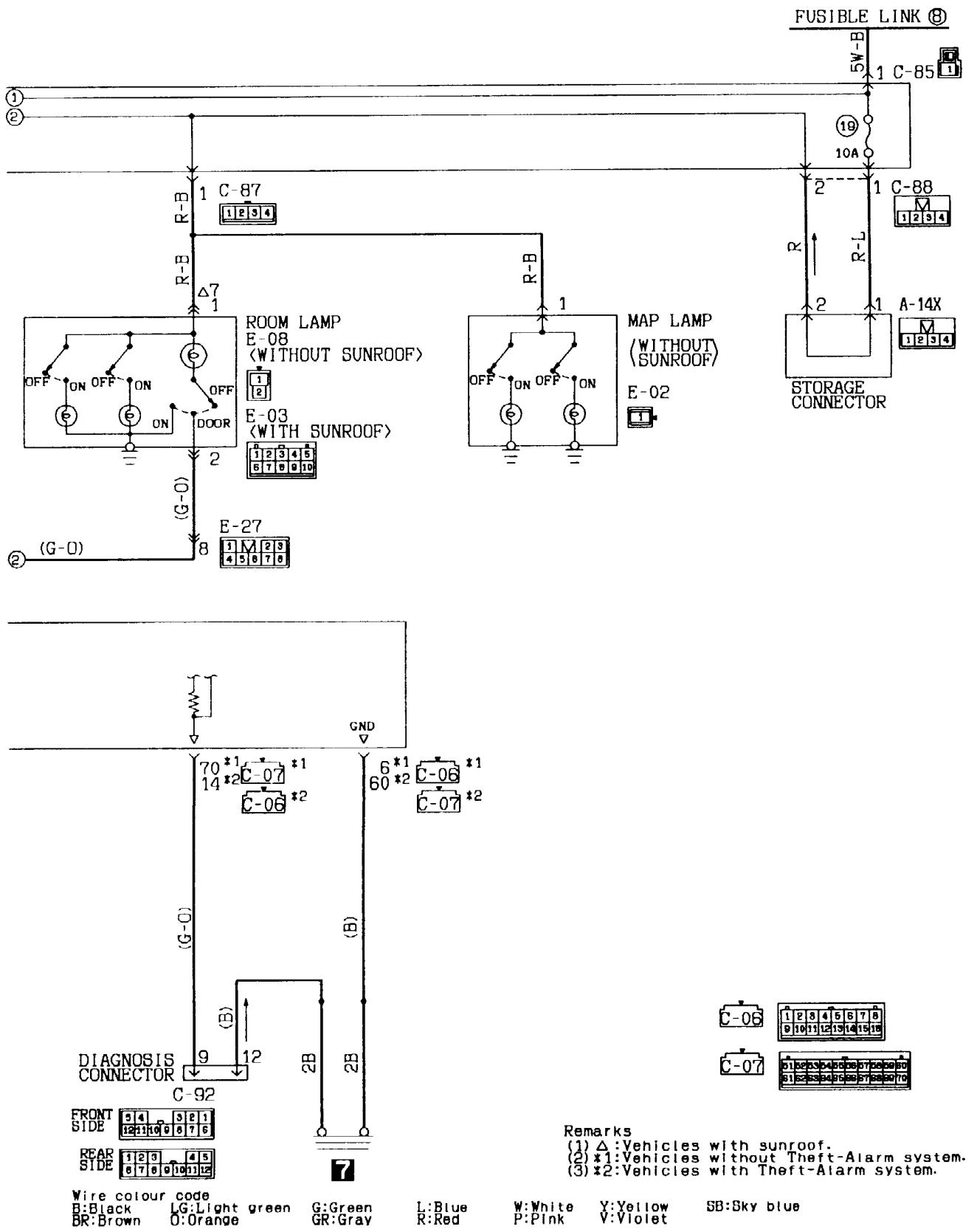
- When the driver's seat door is opened, the illumination lamp of the ignition key cylinder will be lit for approx. 10 seconds with the timer function of the ETACS unit.
- The illumination lamp of the ignition key cylinder will go out when the ignition switch is turned into the "ON" position while the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

TROUBLESHOOTING HINTS

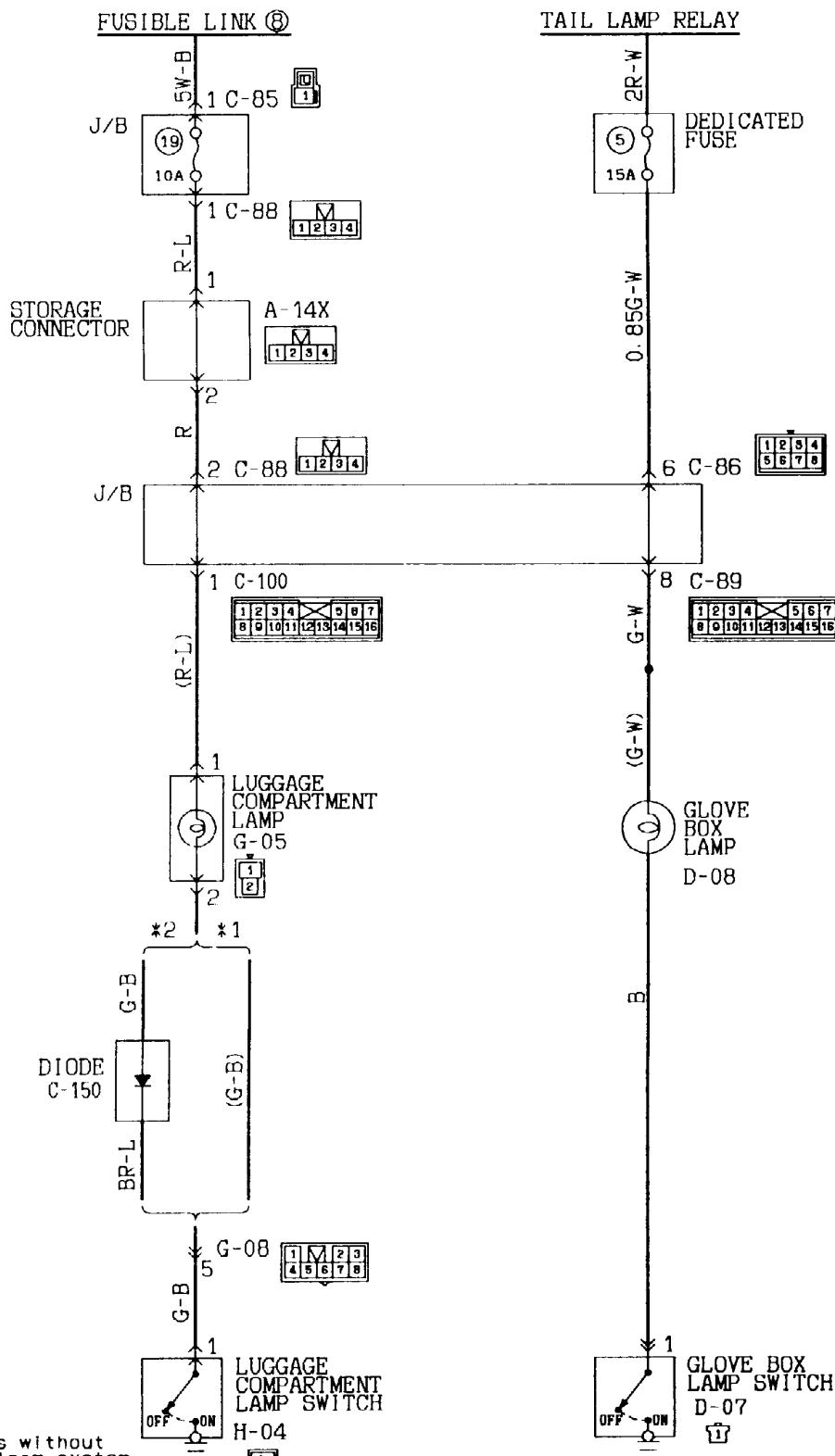
1. Room lamp, map lamp and foot lamp do not go on.
 - Check multi-purpose fuse No. ⑯.
2. Room lamp does not go on when any door is opened with the room lamp switch in the "DOOR" position.
 - Check lamp bulb.
 - Check room lamp switch.
3. Room lamp does not go on when a door is opened with the room lamp 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

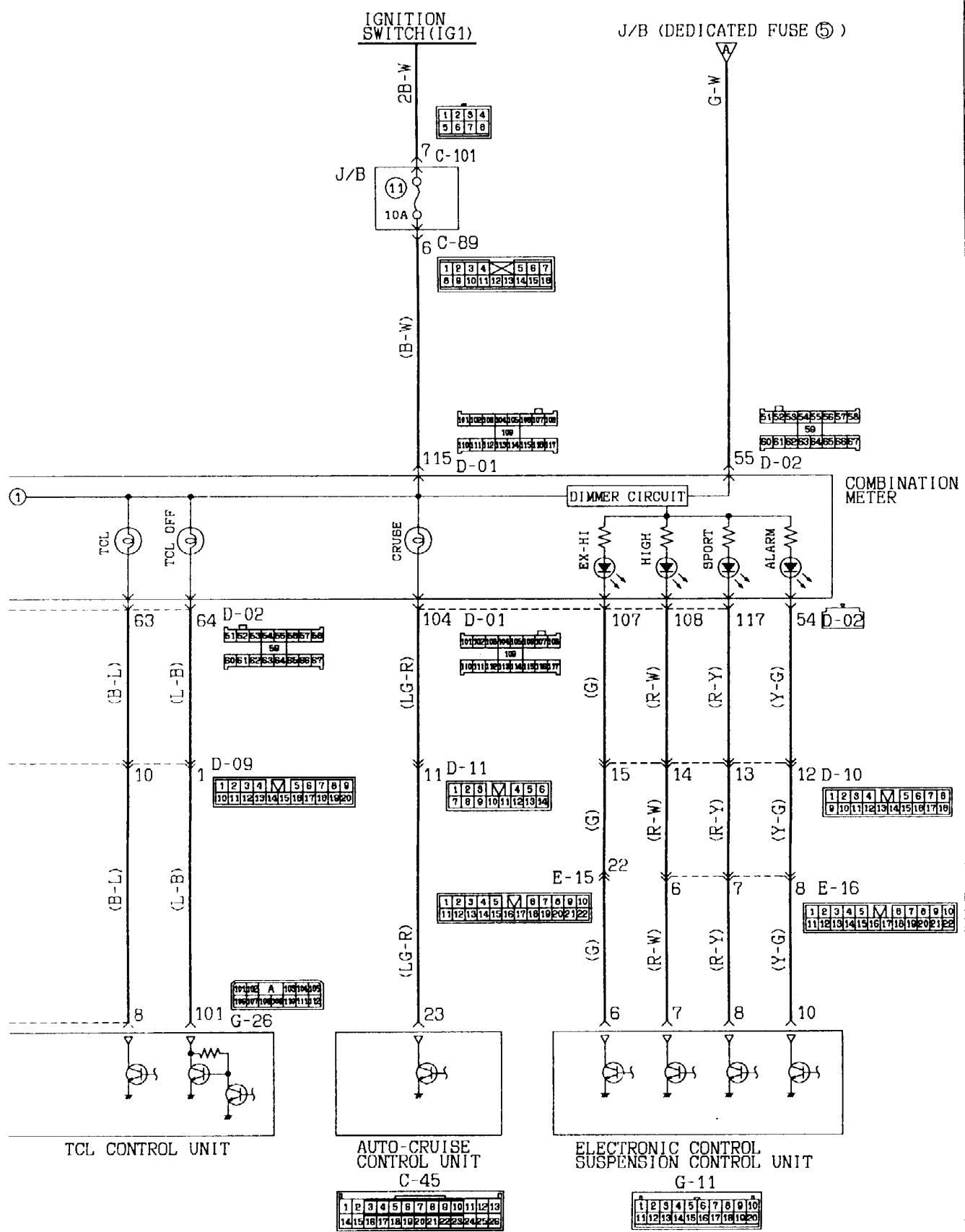




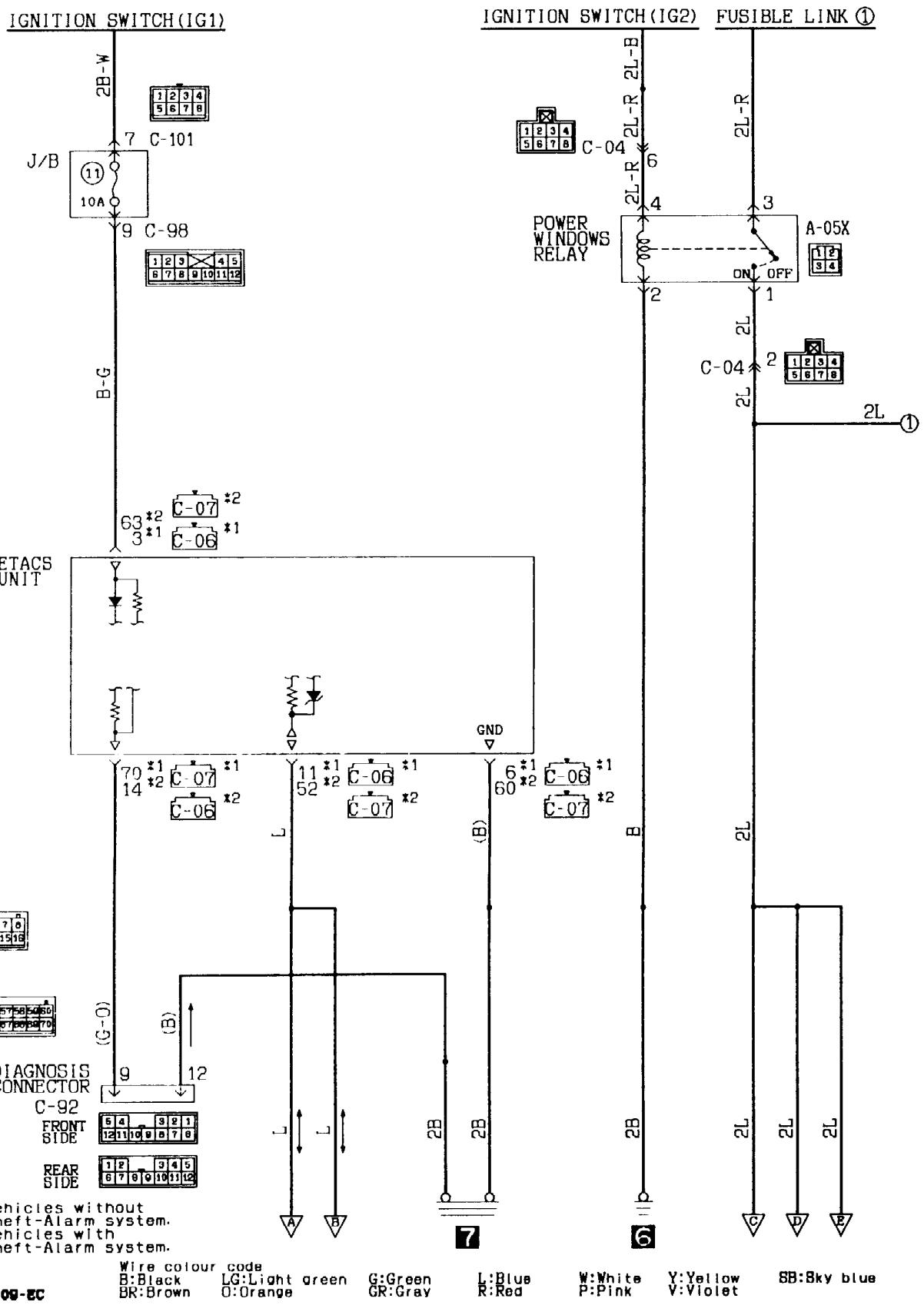
14 LUGGAGE COMPARTMENT LAMP AND GLOVE BOX LAMP



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

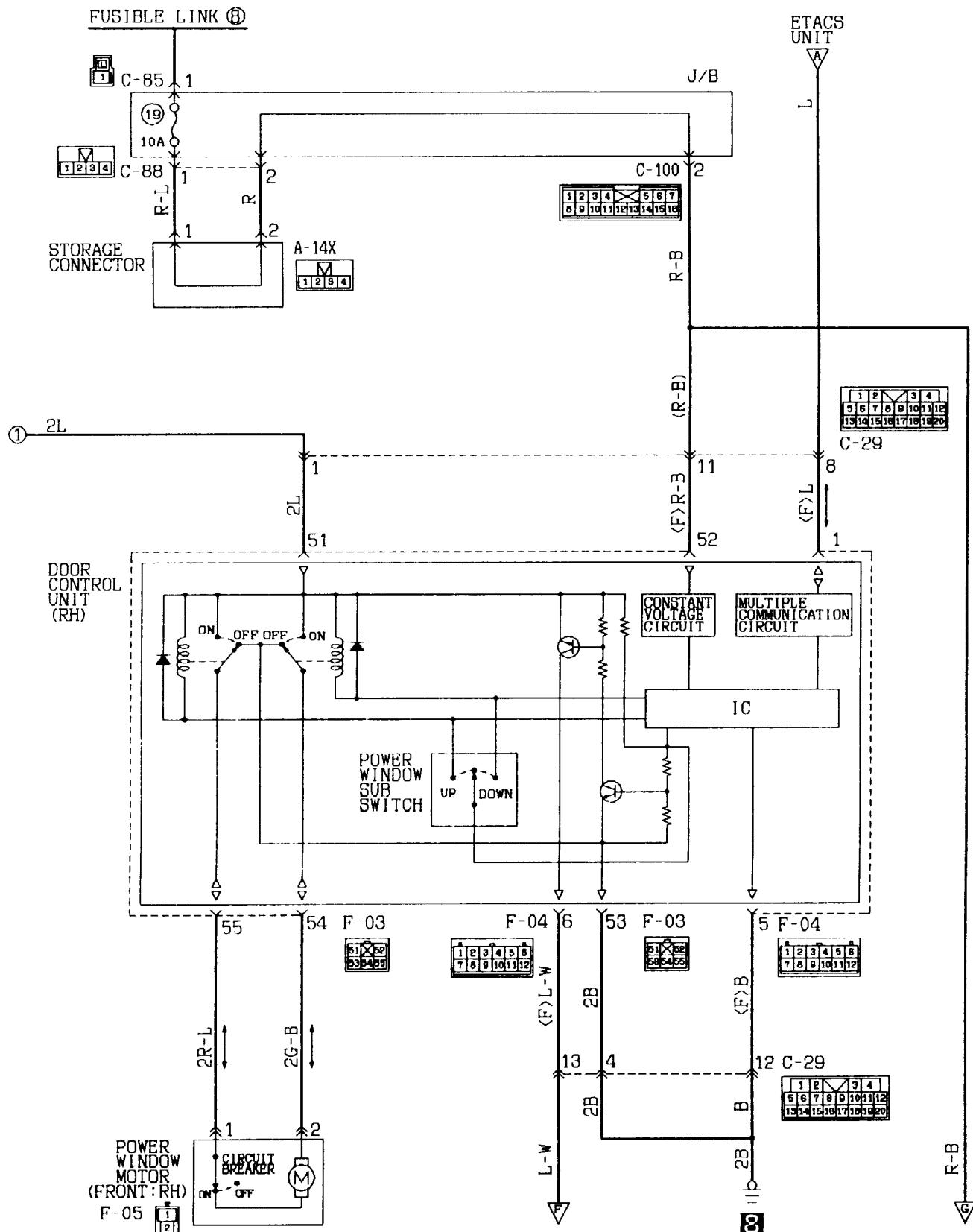


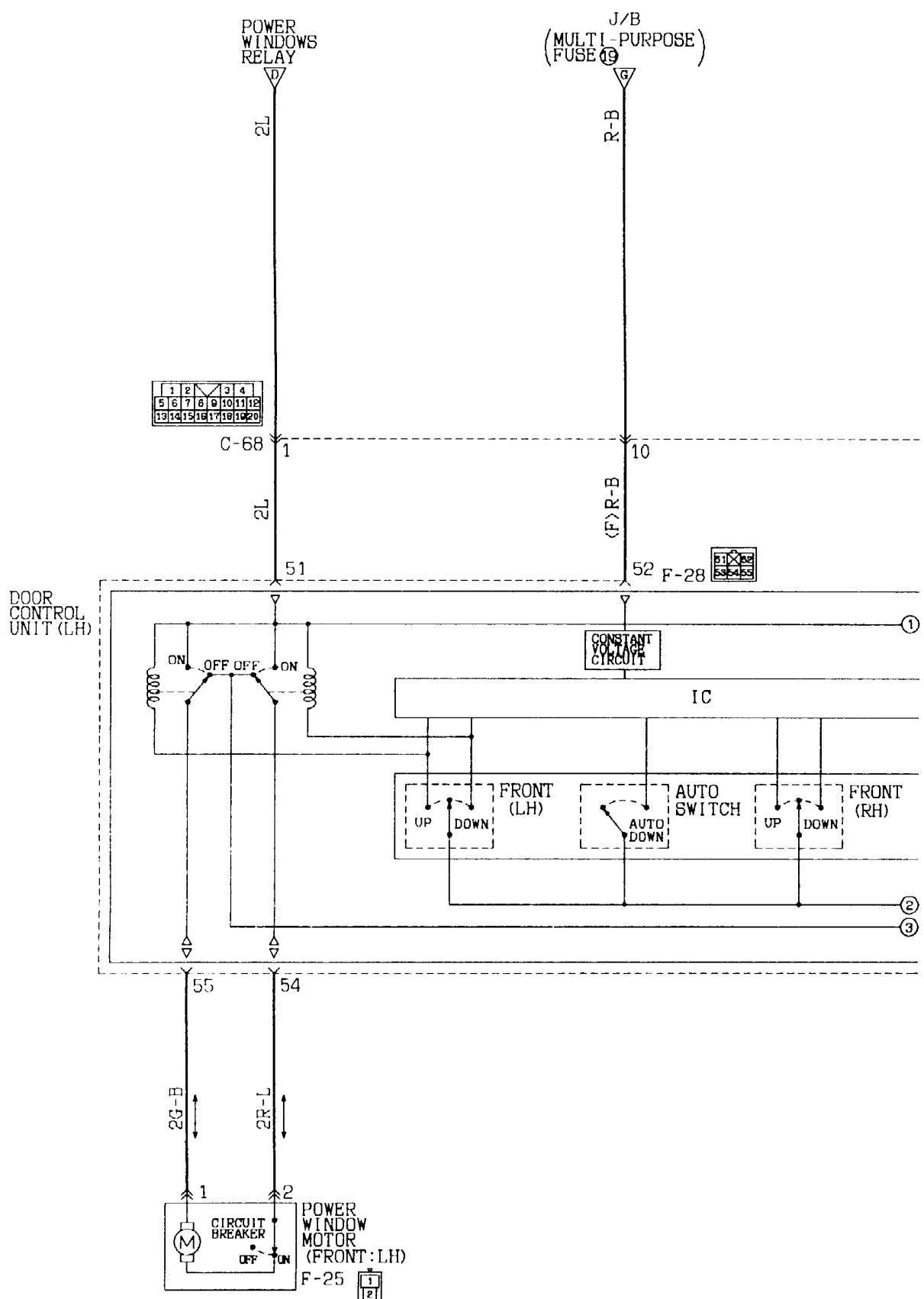
24 POWER WINDOW



CIRCUIT DIAGRAM – Power Window

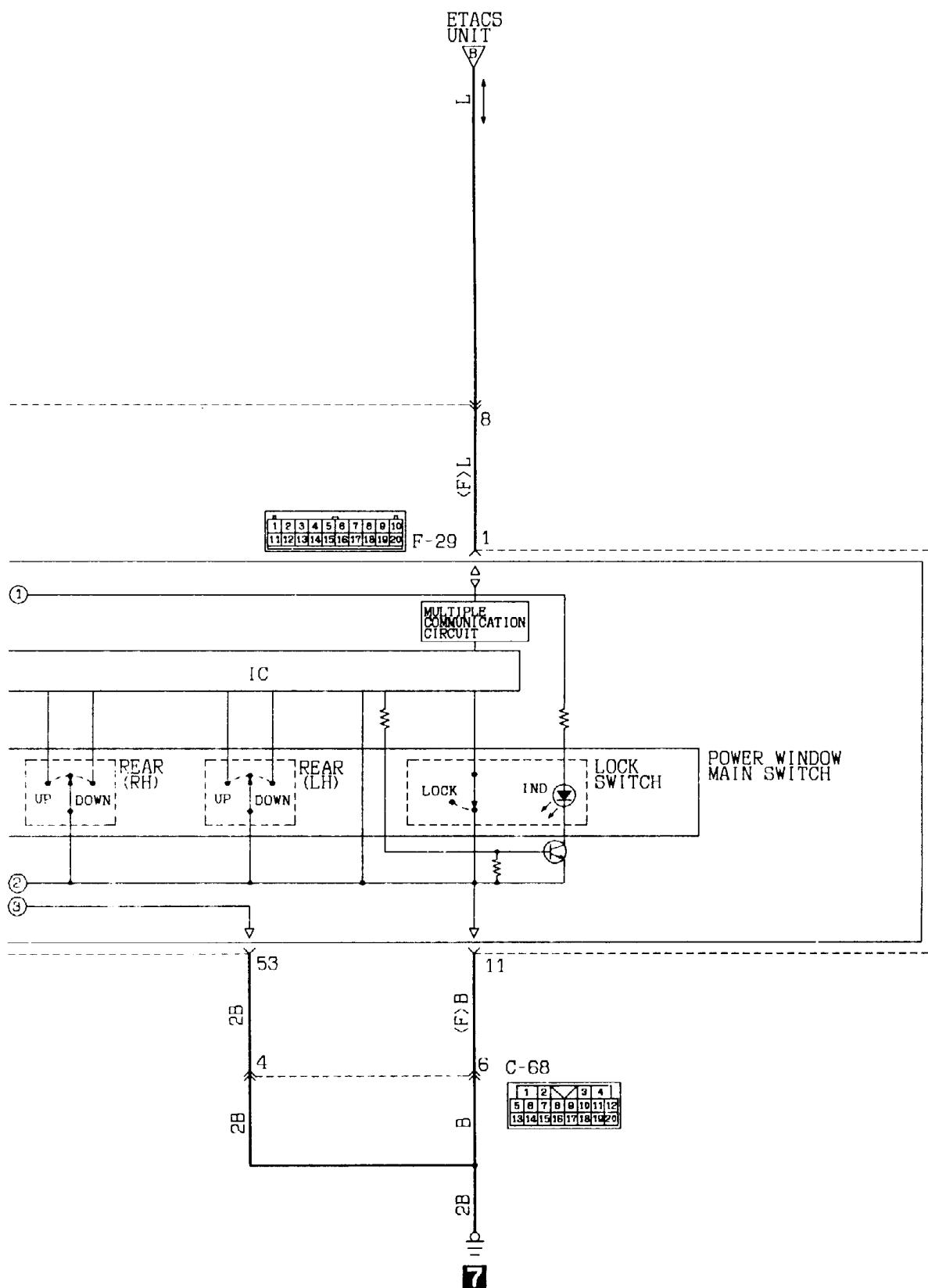
4-367

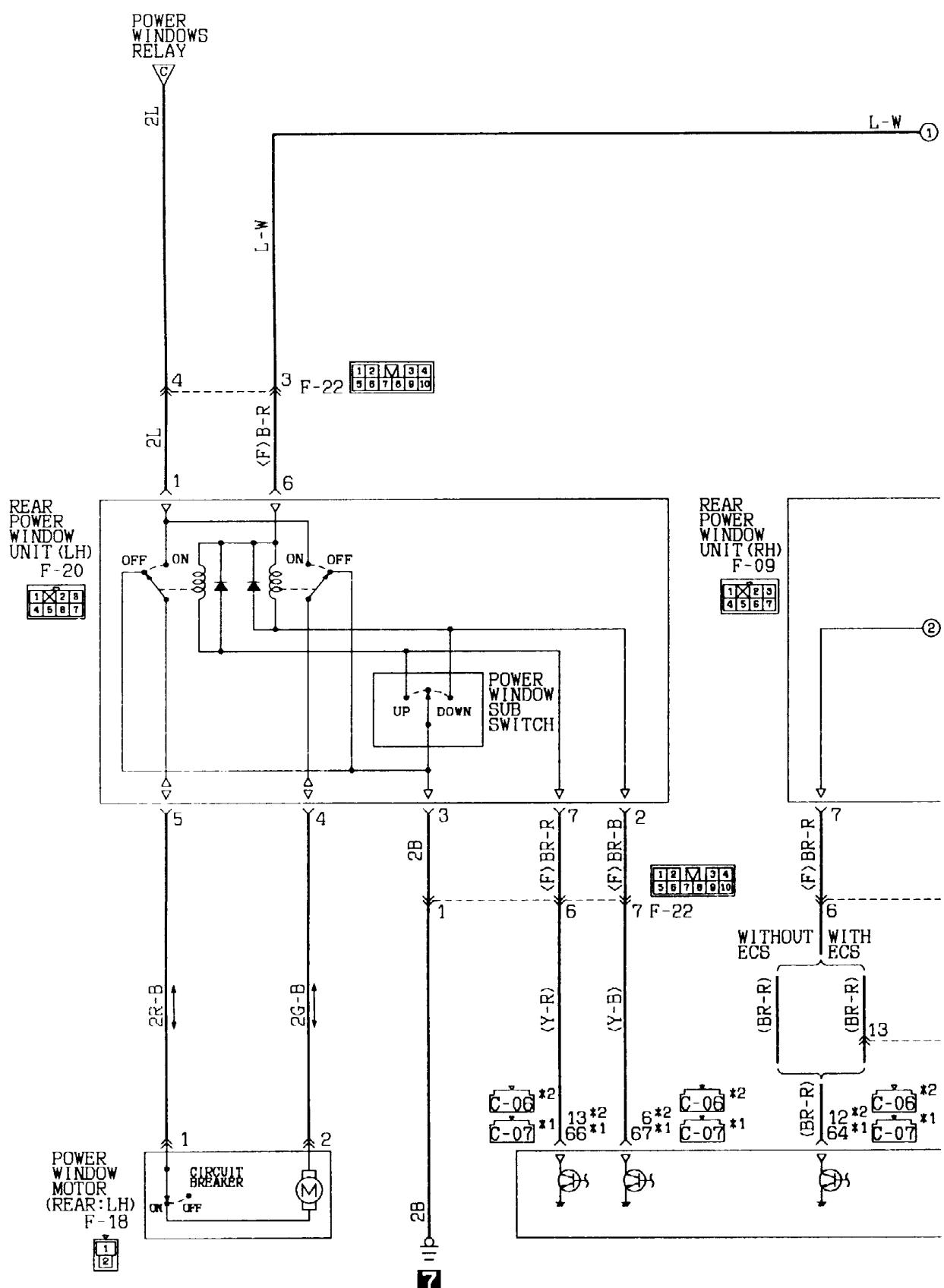


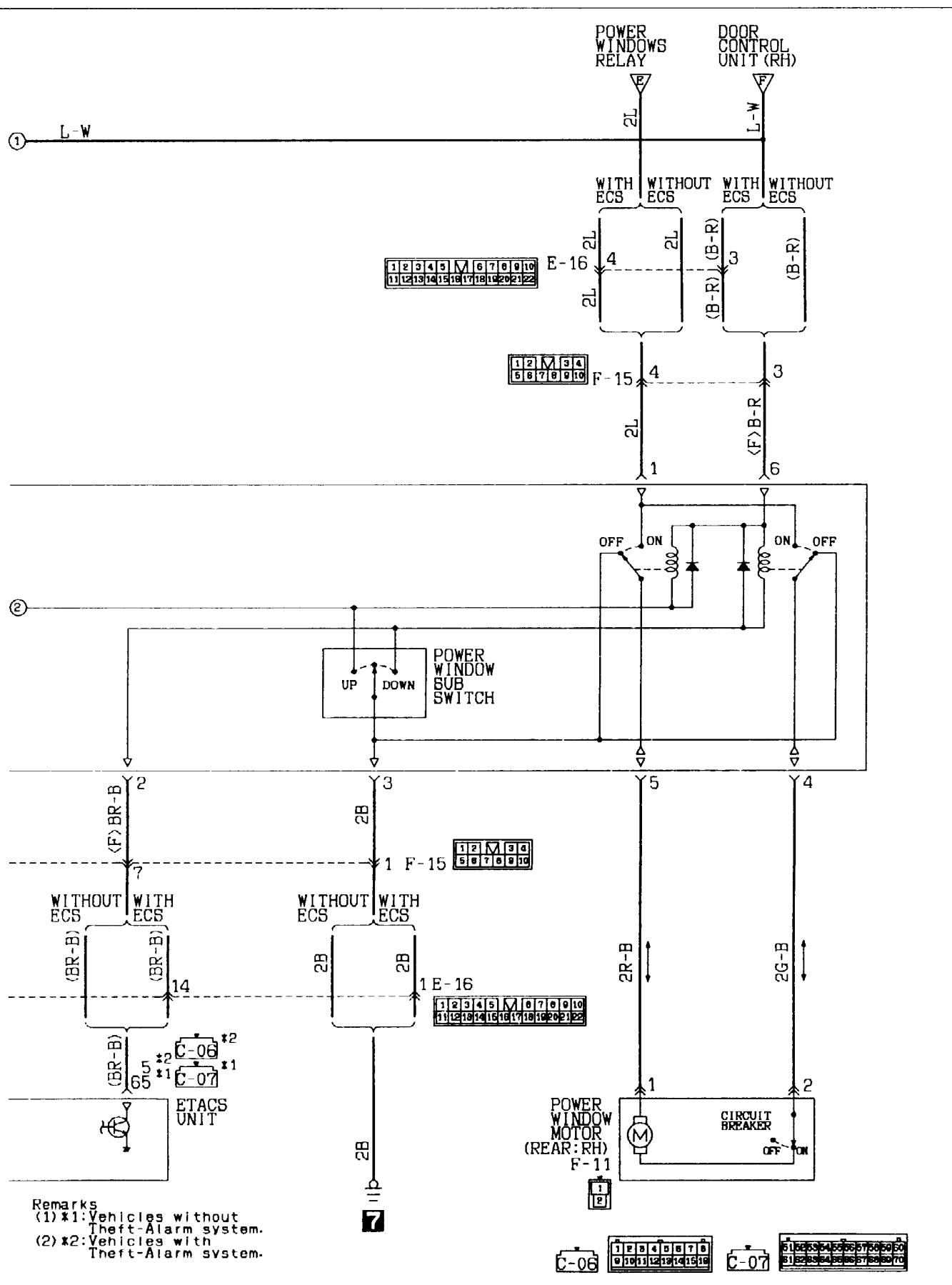


Wire colour code

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	

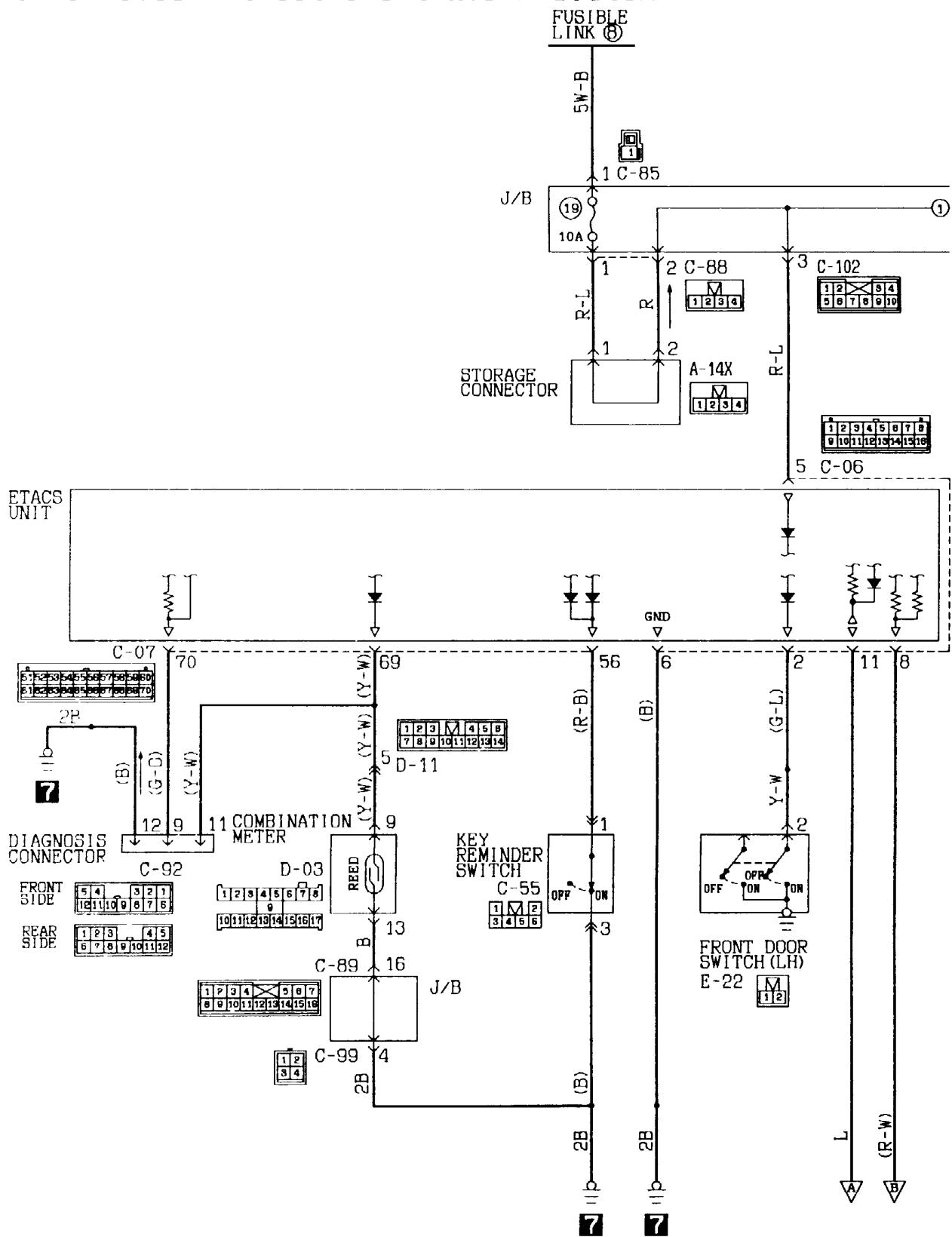




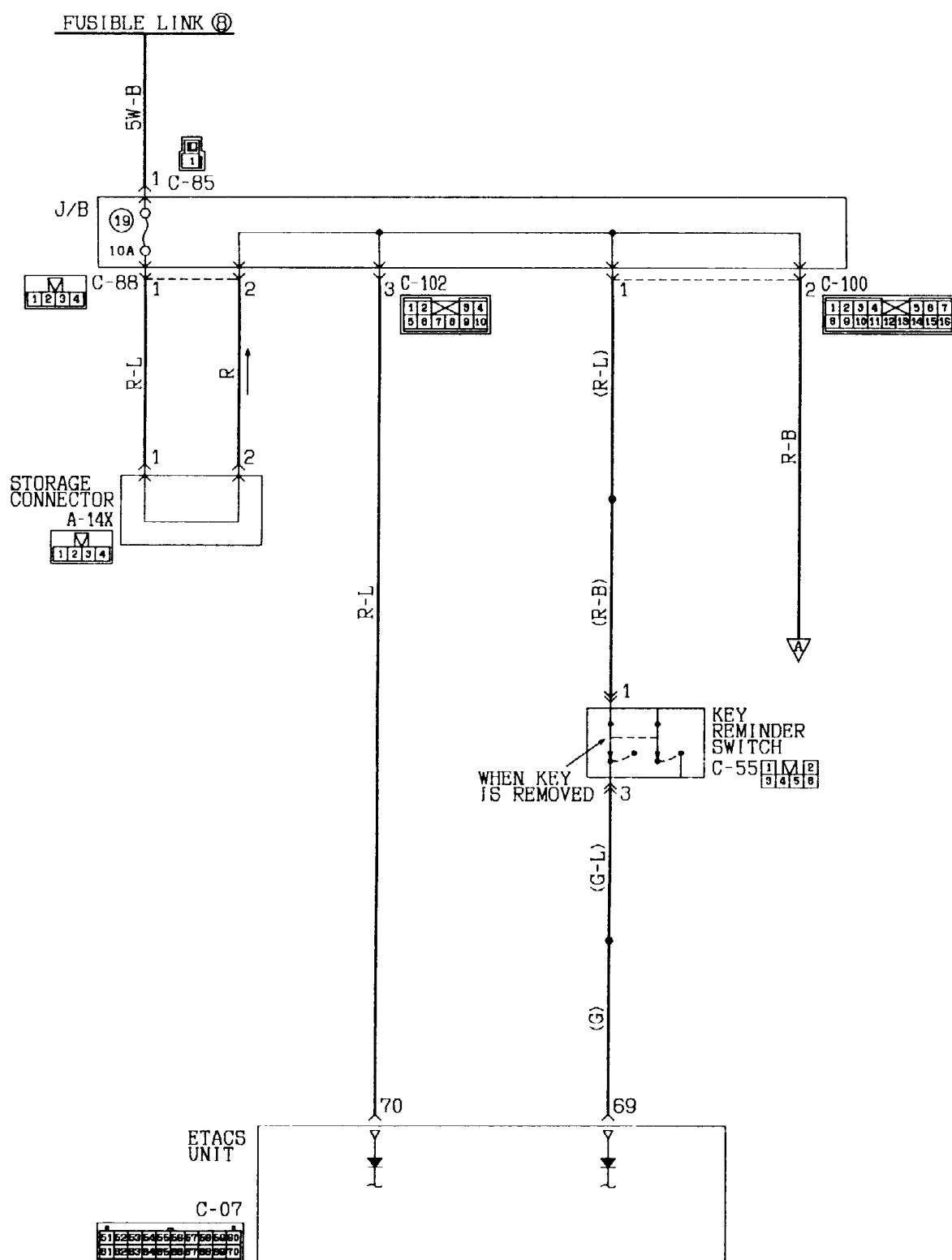


25 CENTRAL DOOR LOCKING SYSTEM

25-1 Vehicles without Theft-Alarm System



25-2 Vehicles with 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

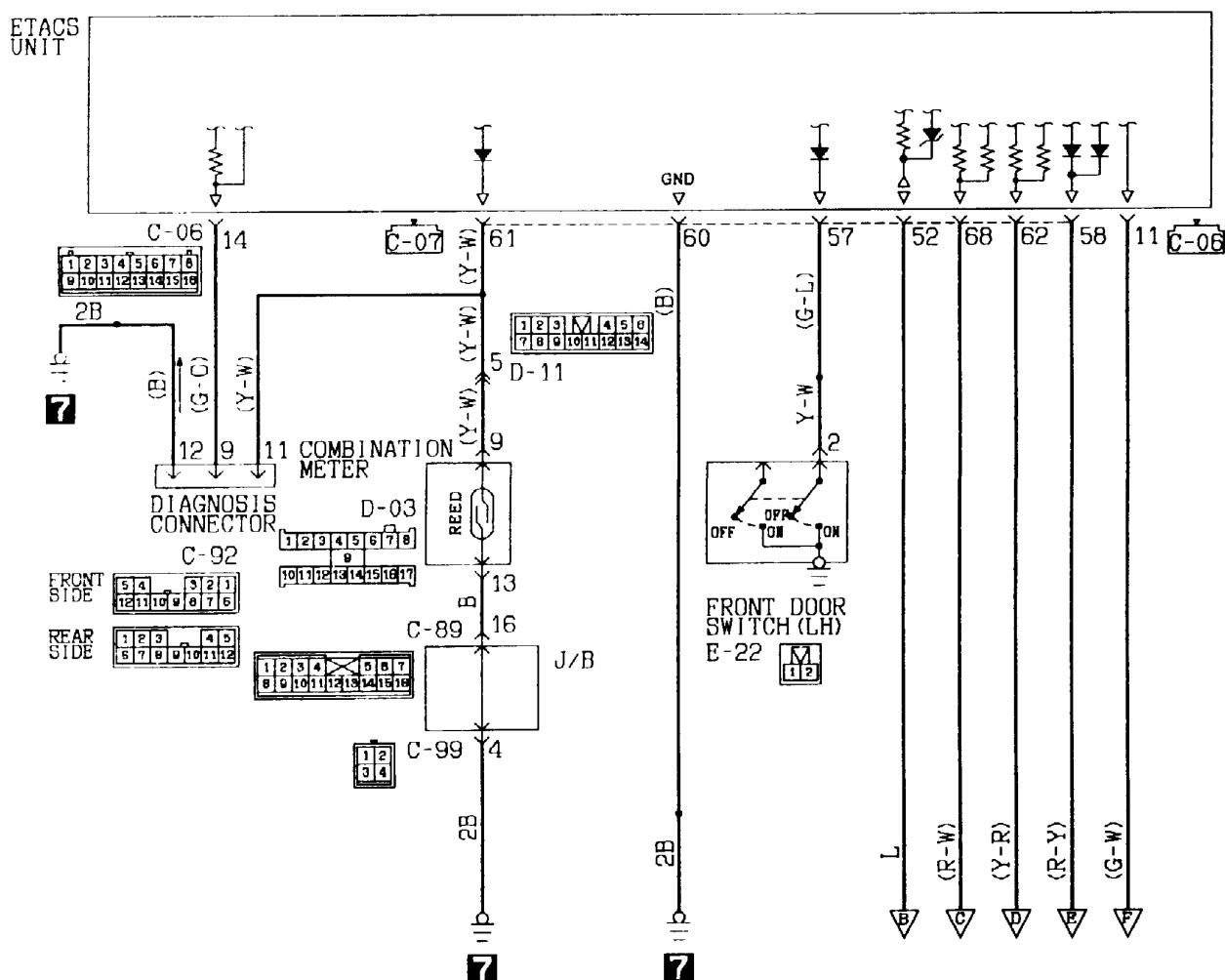
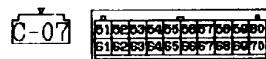
P:Pink

Y:Yellow

V:Violet

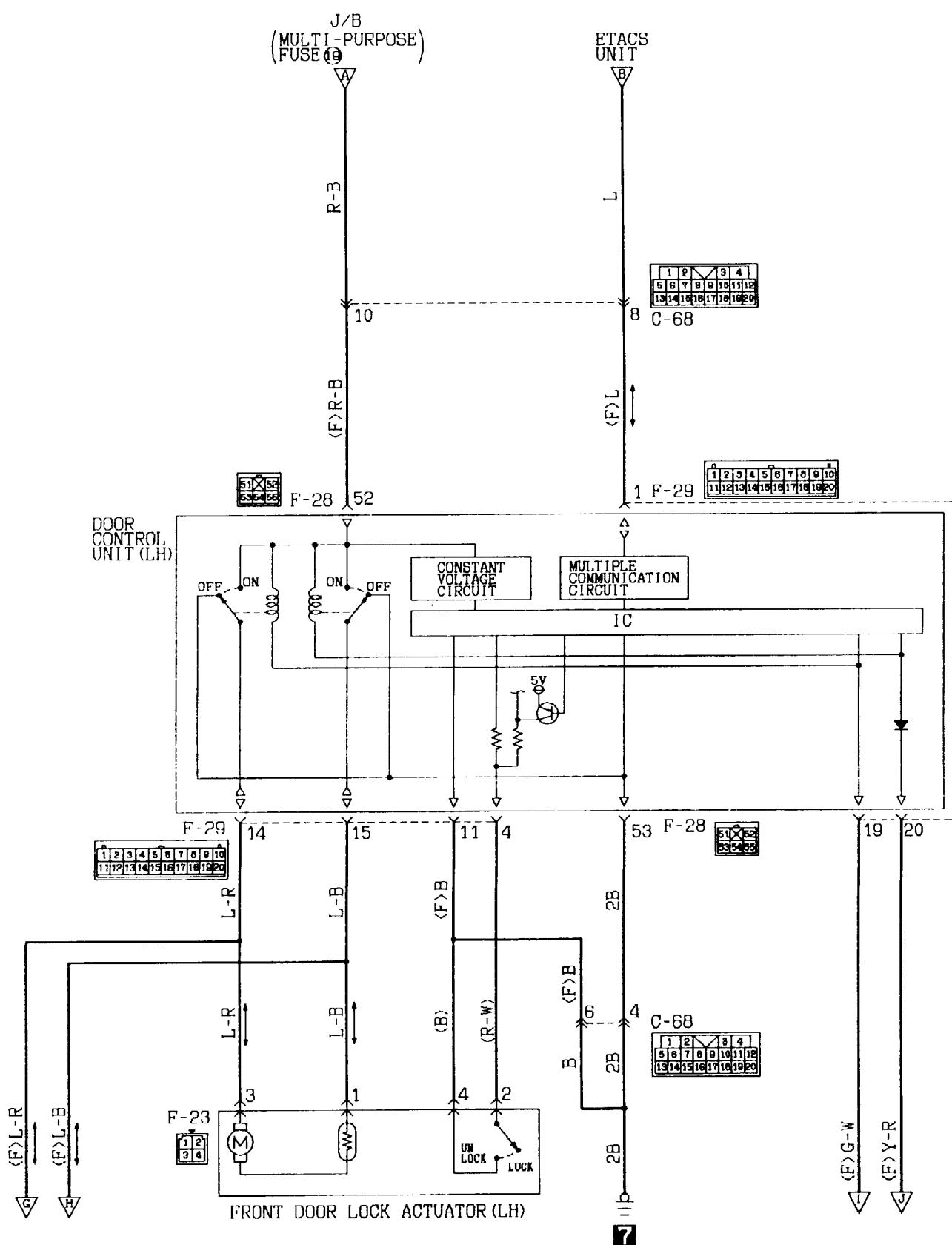
SB:Sky blue

KX35-AC-J1110-EC

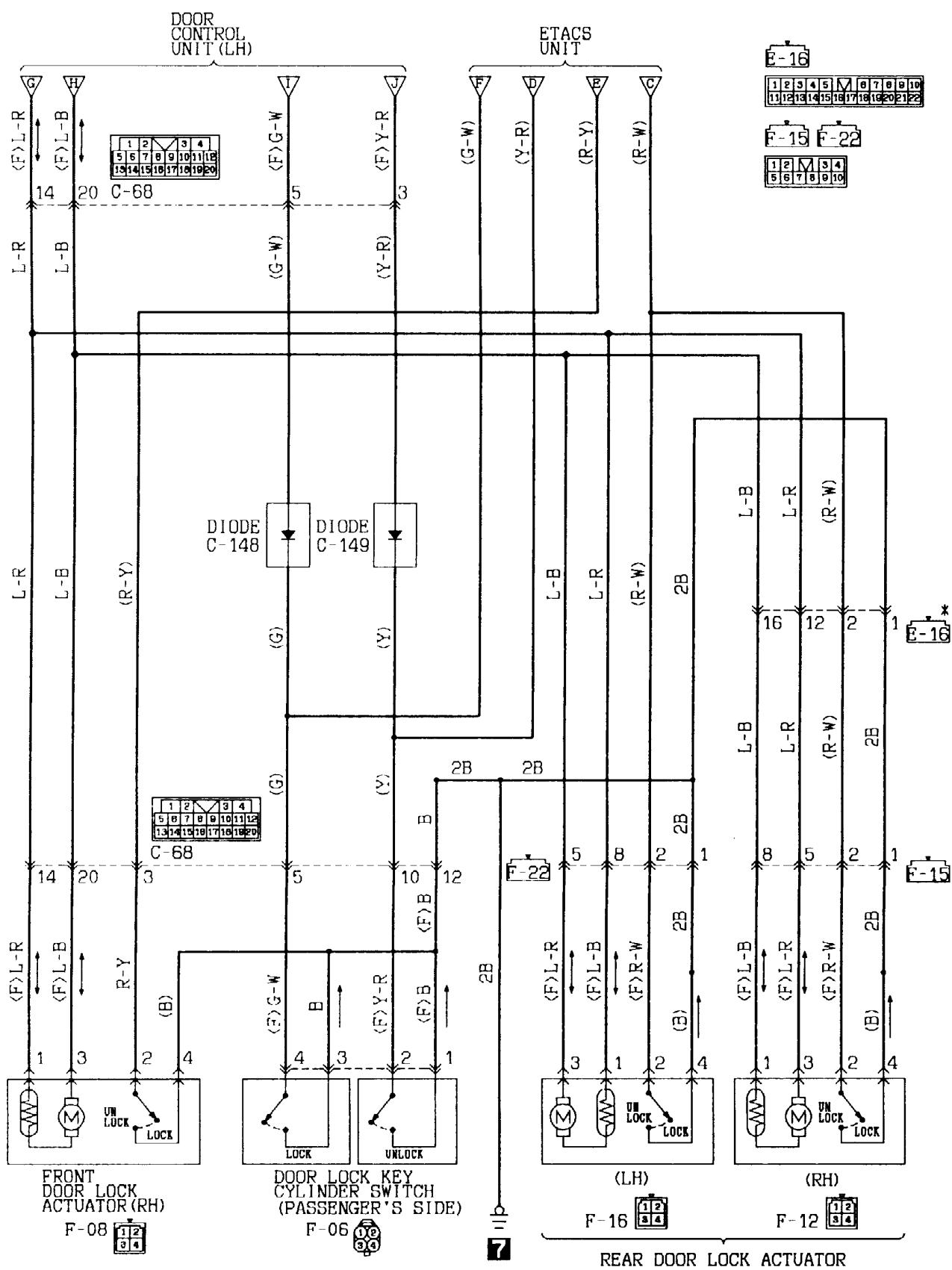


CIRCUIT DIAGRAM – Central Door Locking System

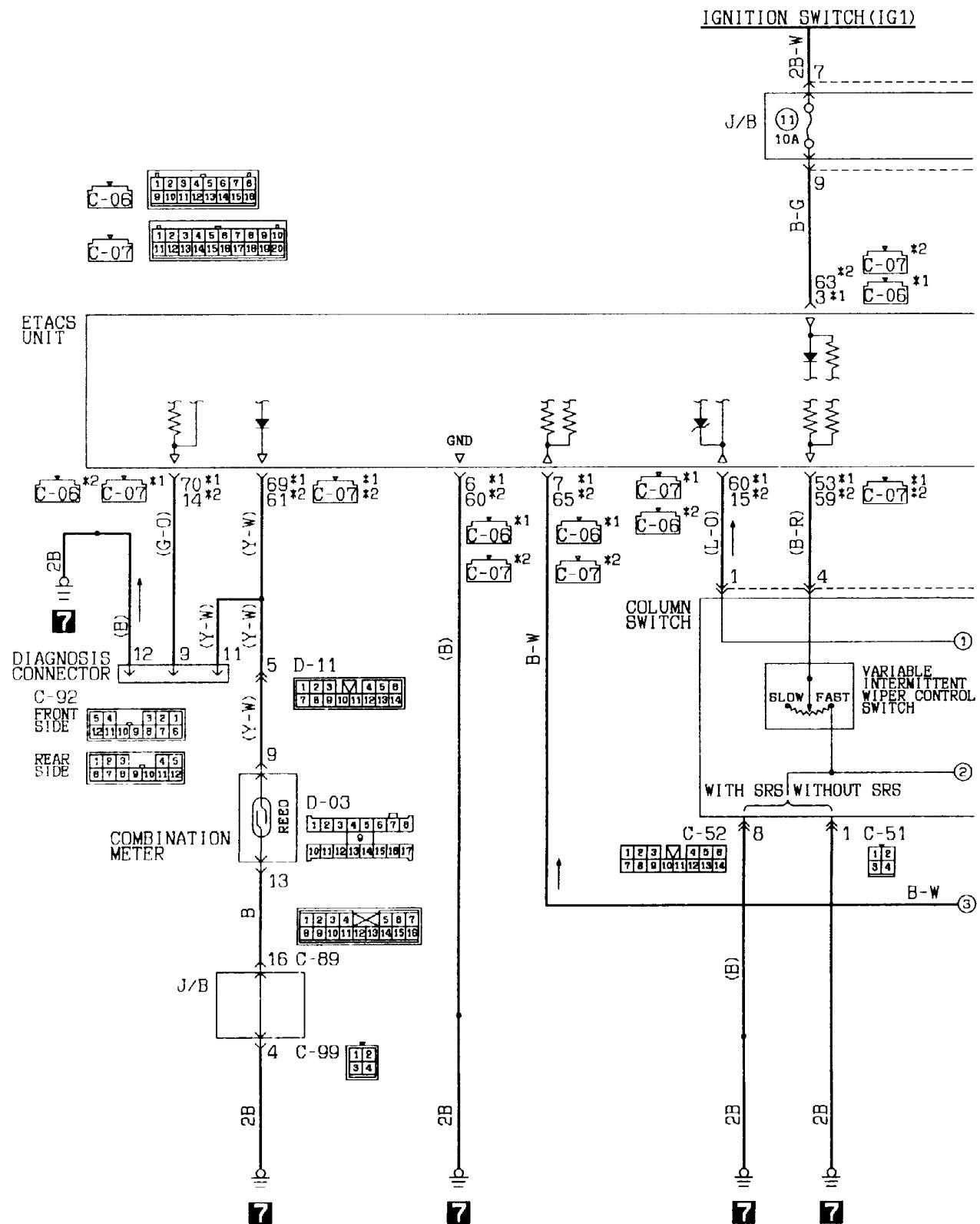
4-374-3



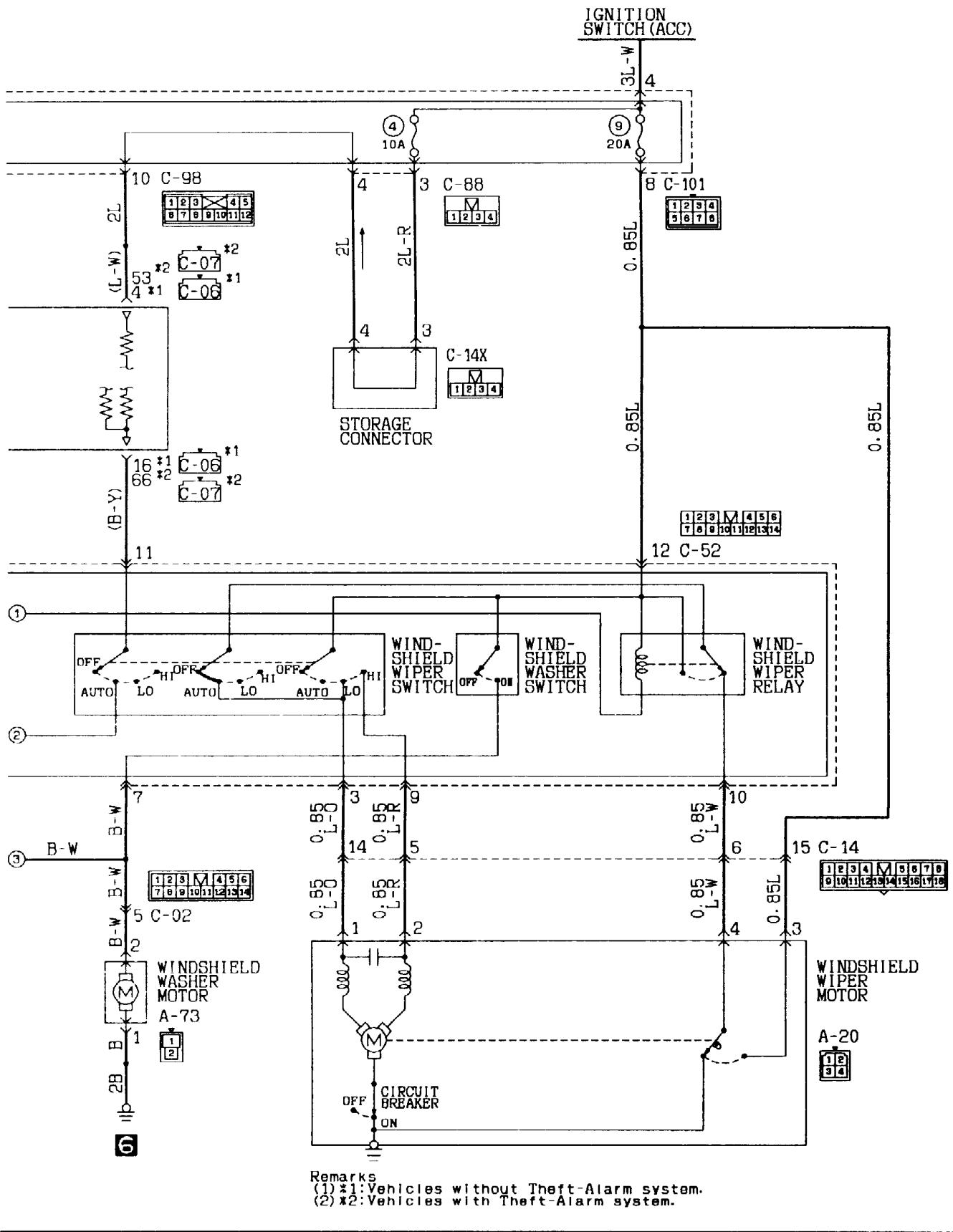
Wire colour code
 B:Black LG:Light green G:Green L:Blue
 BR:Brown O:Orange GR:Gray R:Red
 W:White P:Pink Y:Yellow V:Violet SB:Sky blue



27 WINDSHIELD WIPER AND WASHER



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



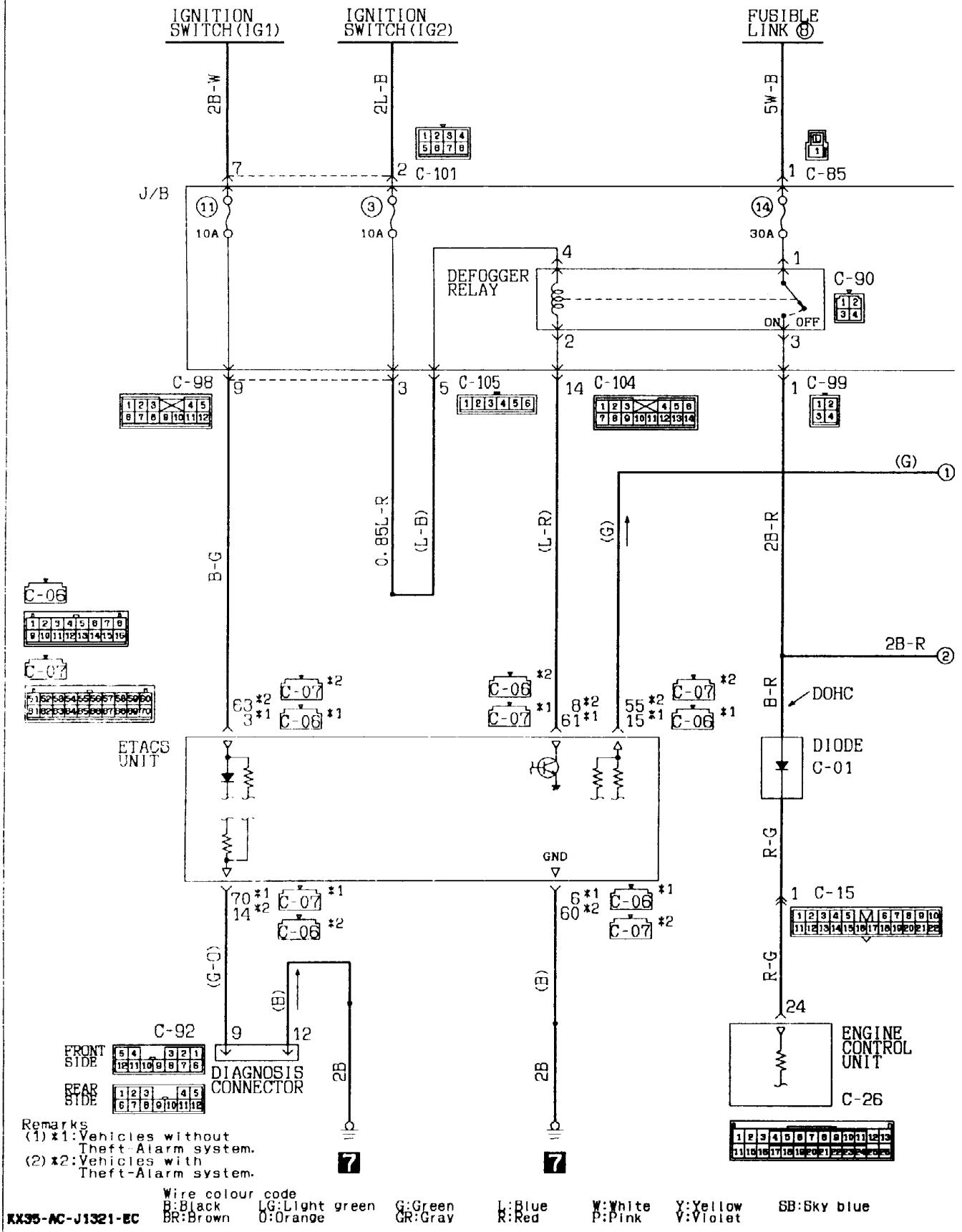
DEFOGGER AND DOOR MIRROR HEATER (See P.4-394.)**OPERATION**

- 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.

30 DEFOGGER AND DOOR MIRROR HEATER



Remarks

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

(2) *2: Vehicles with
Theft-Alarm system.

17

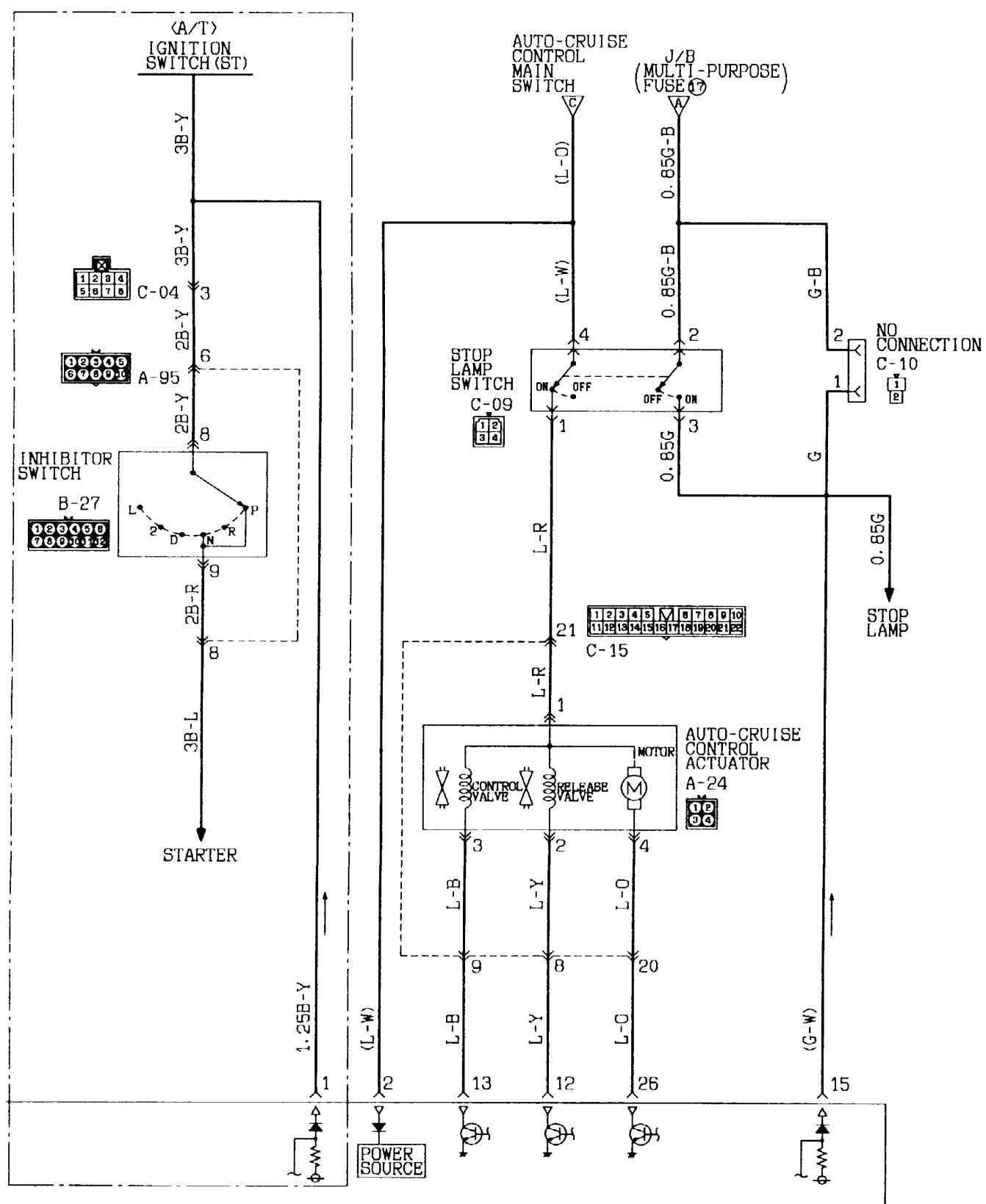
KX35-AC-J1321-EC

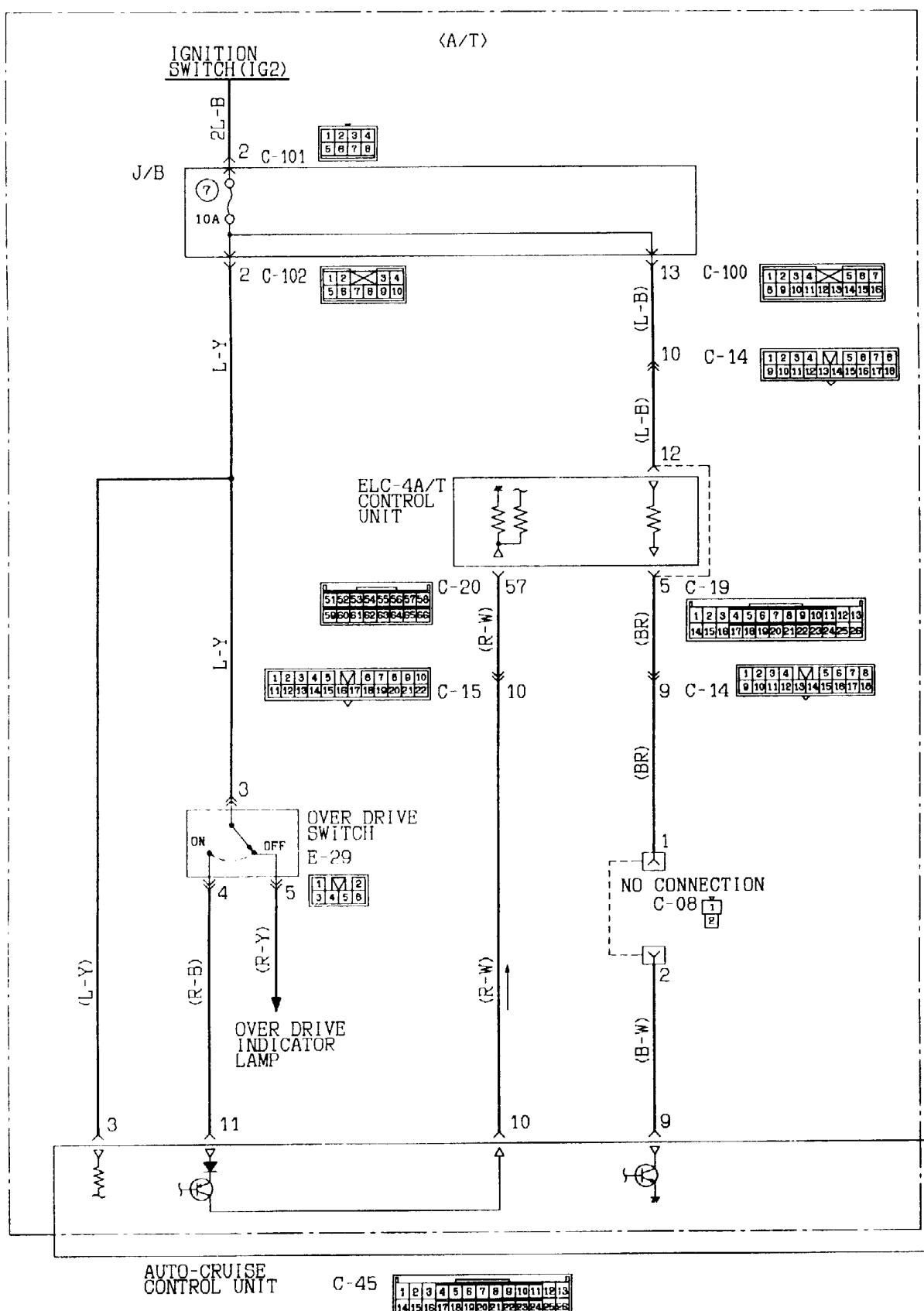
Wire colour code

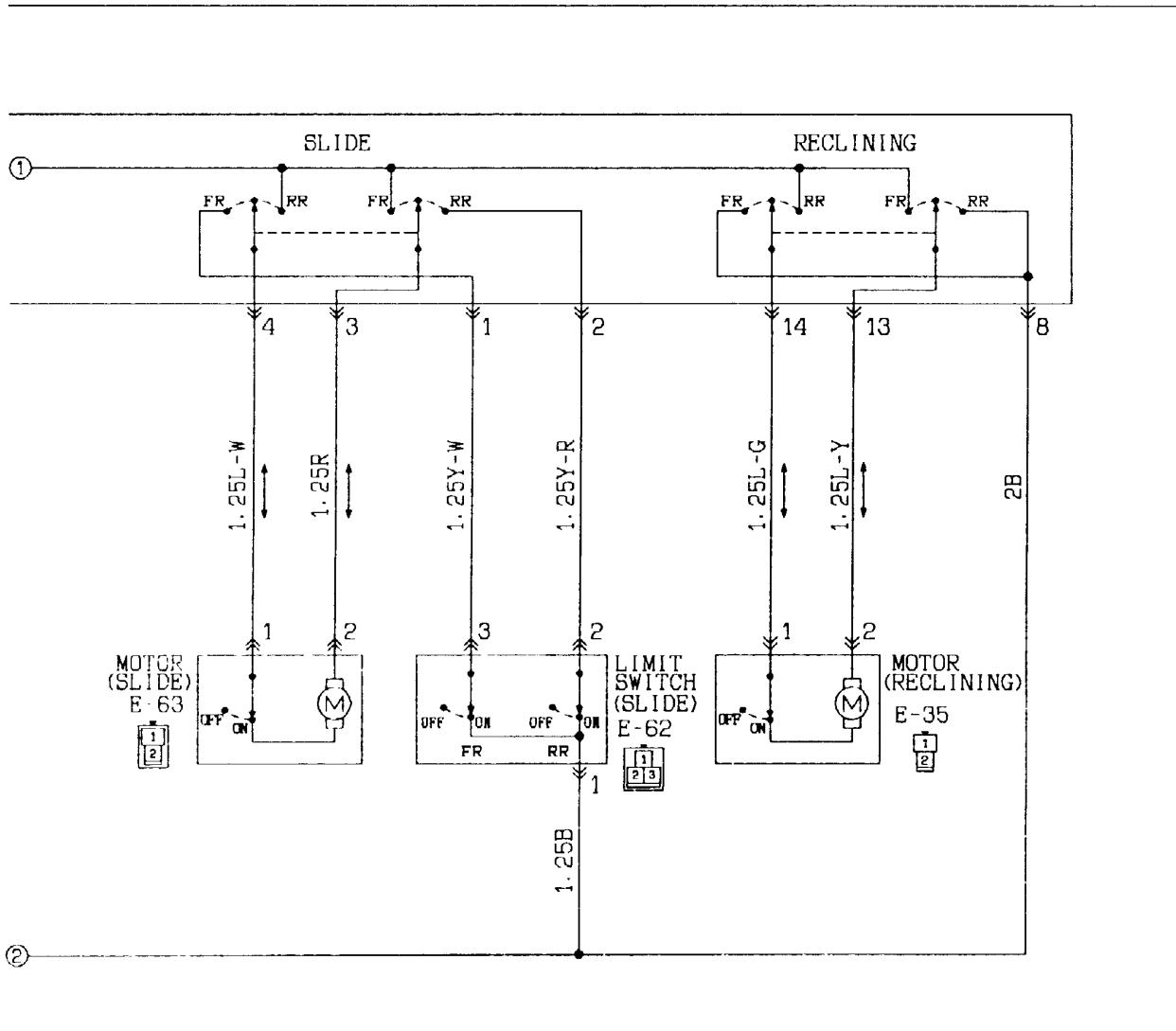
L:BL
R:Re

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

SB:Sky blue







Wire colour code

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

G:Green
GR:Gray

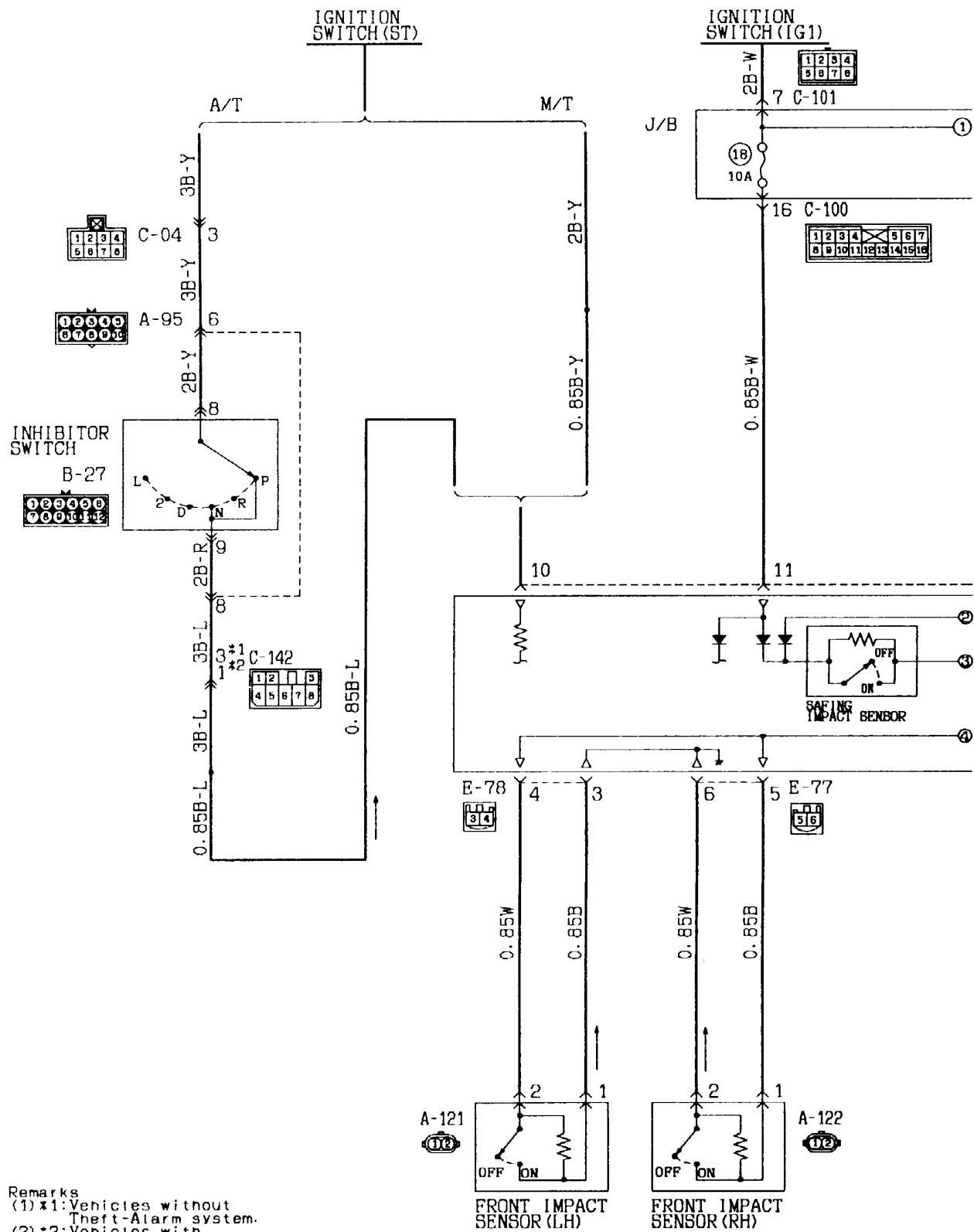
L:Blue
R:Red

W:White
P:Pink

Y:Yellow
V:Violet

SB:Sky blue

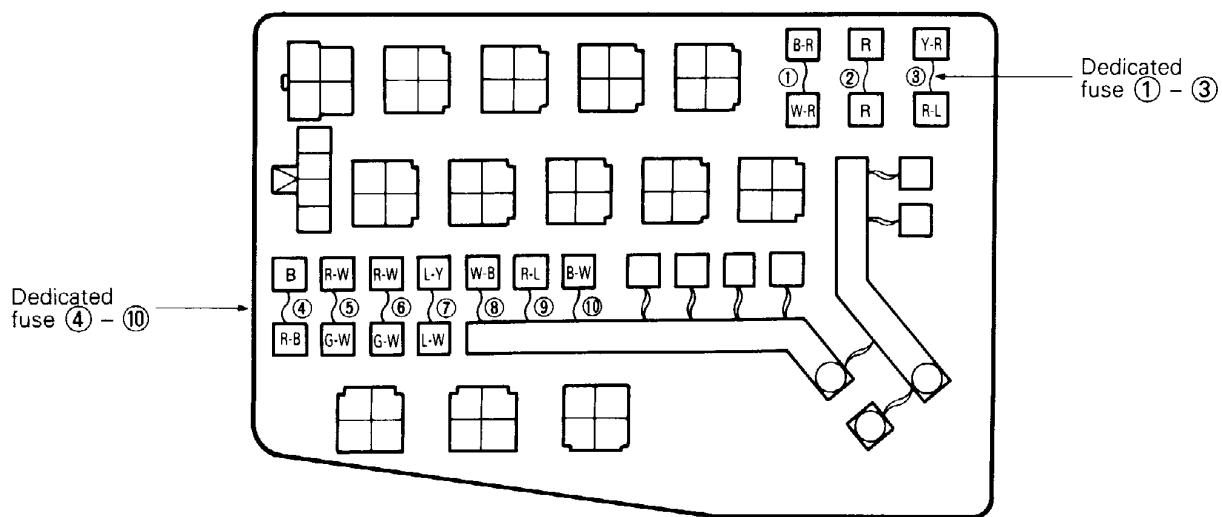
44 SUPPLEMENTAL RESTRAINT SYSTEM (SRS)



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

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

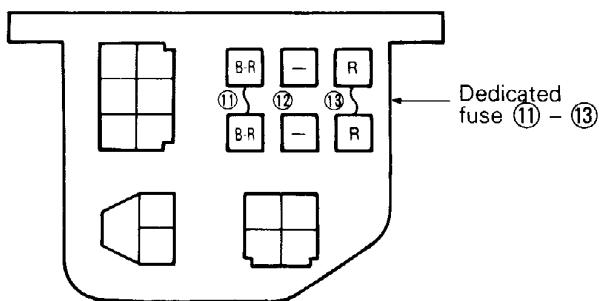
Power supply circuit	No.	Rated capacity (A)	Housing colour	Circuit
Battery	1	10	Red	A/C compressed circuit
	2	15	Blue	ACTIVE-ECS circuit
Headlamp relay (Battery)	3	10	Red	Upper beam indicator, rear fog lamp and headlamp leveling system circuit
Battery	4	15	Blue	Front fog lamp circuit
Tail lamp relay (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

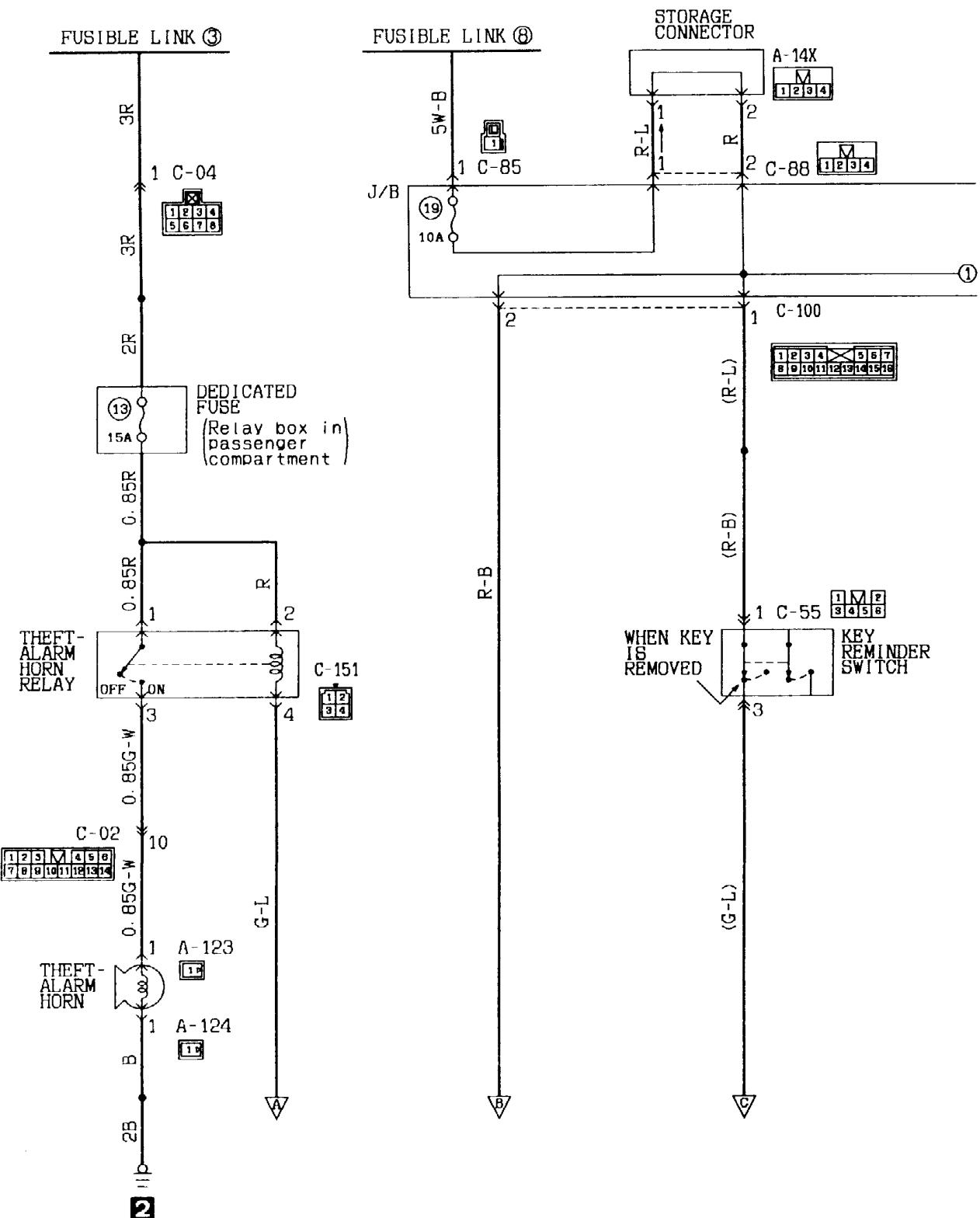


16N0761

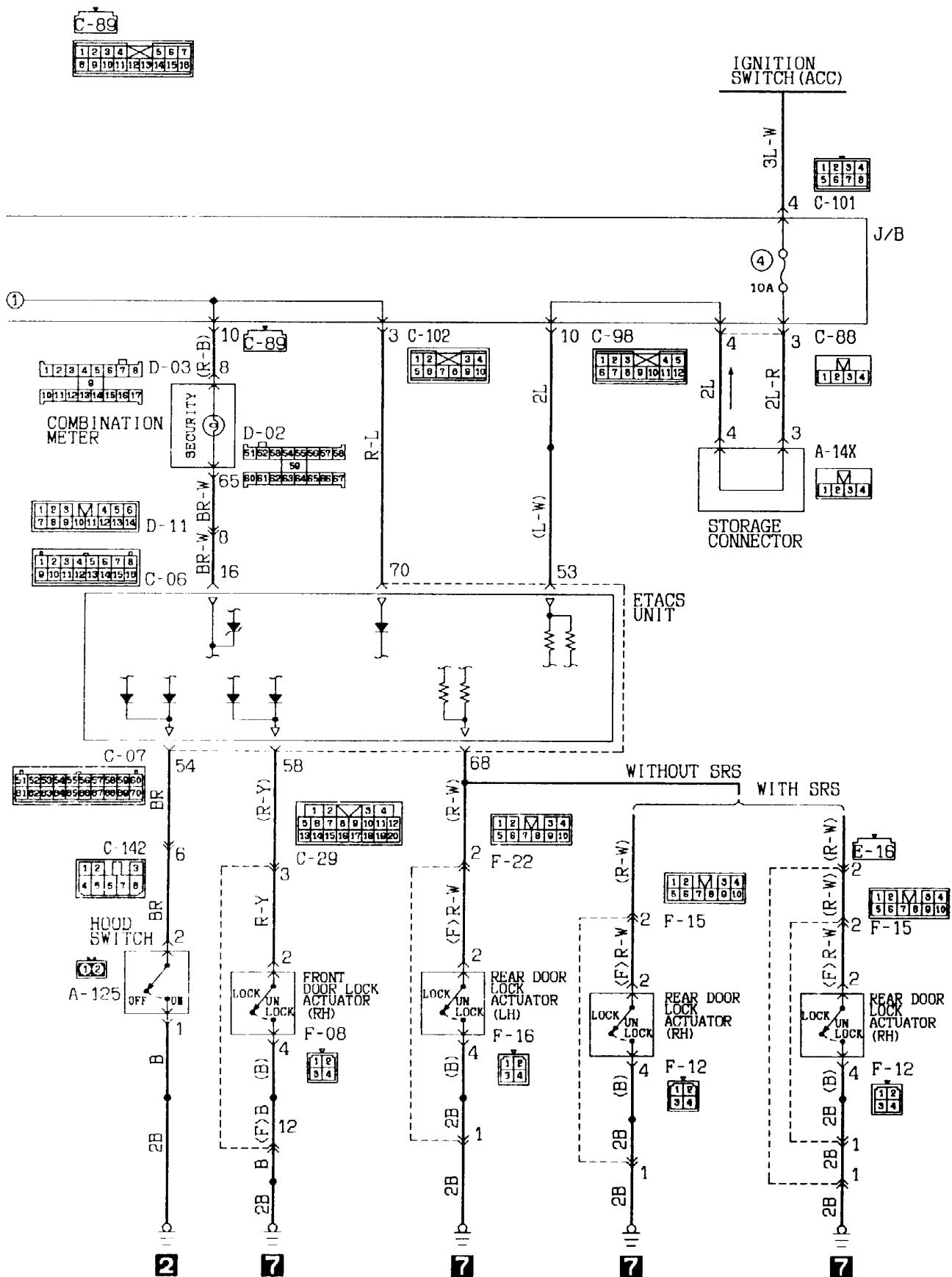
MULTI-PURPOSE FUSE (In junction block)

Power supply circuit	No.	Rated capacity (A)	Load circuit
Battery	1	10	Horn, horn relay
Ignition switch	IG2	10	ABS control unit, ABS valve relay, ACTIVE-ECS relay and EPS control unit
	IG2	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 (l), defogger relay and power seat control unit
	ACC	10	Auto-cruise control unit, clock, radio, motor antenna, ETACS unit and door control unit
	ACC	15	Accessory socket, cigarette lighter
Battery	6	15	Ignition key cylinder illumination lamp
Ignition switch	IG2	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	10	Heated seat
	ACC	20	Rear wiper, rear washer, windshield wiper and windshield washer
—	10	—	—

47 THEFT-ALARM SYSTEM

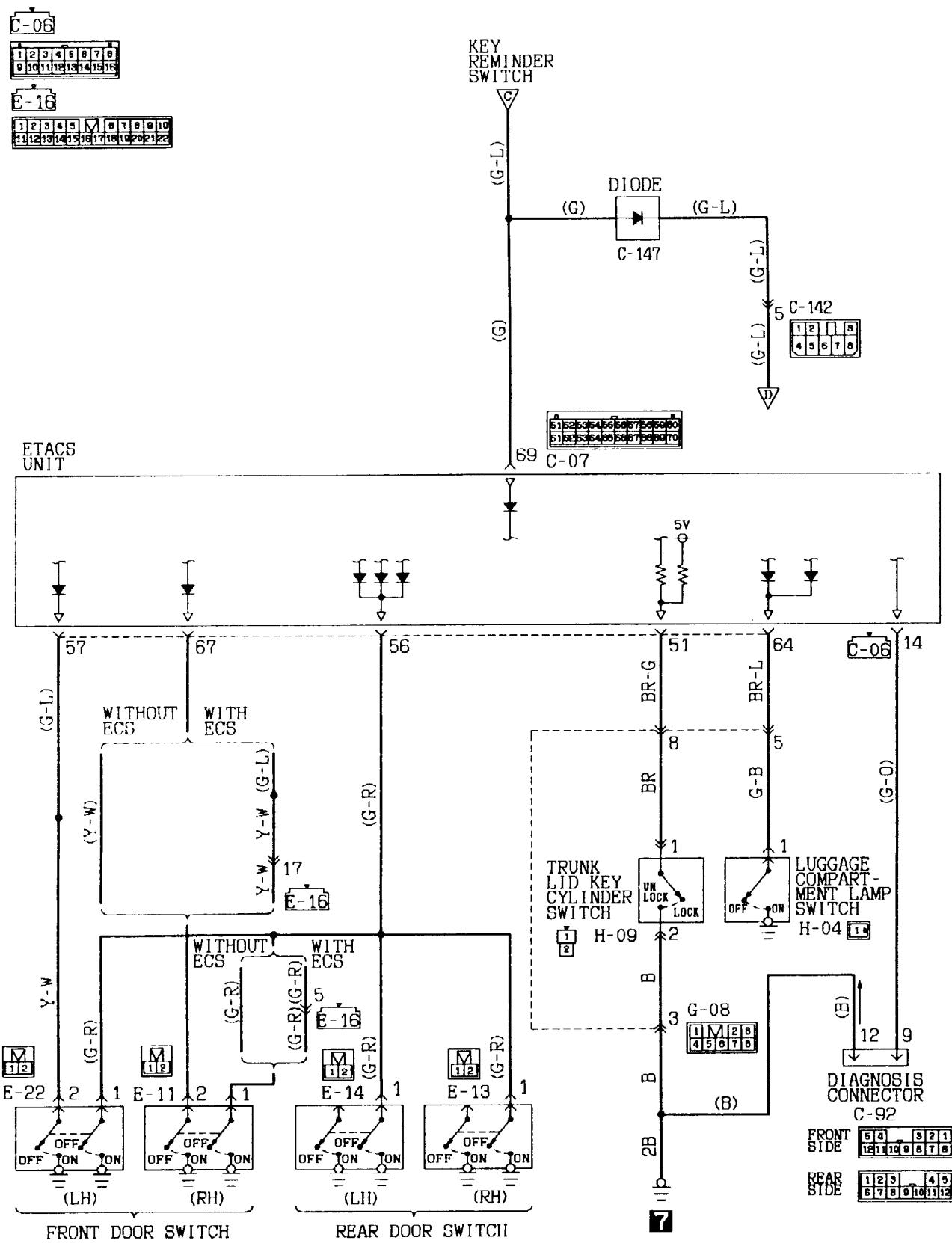


Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



CIRCUIT DIAGRAM – Theft-Alarm System

4-450-3



KX35-AC-J1532A-EC

Wire colour code

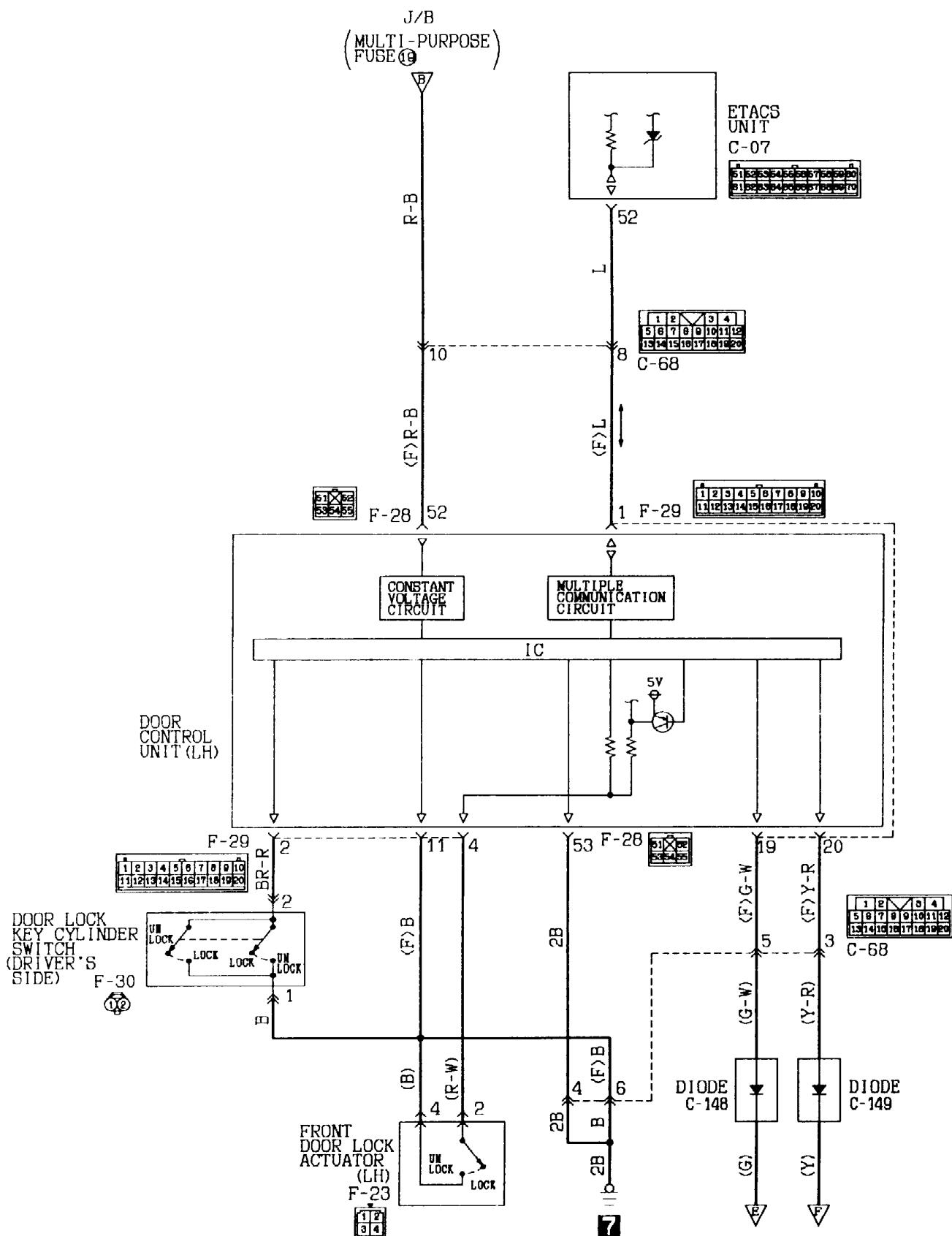
B:Black
BR:Brown
LG:Light green
O:Orange

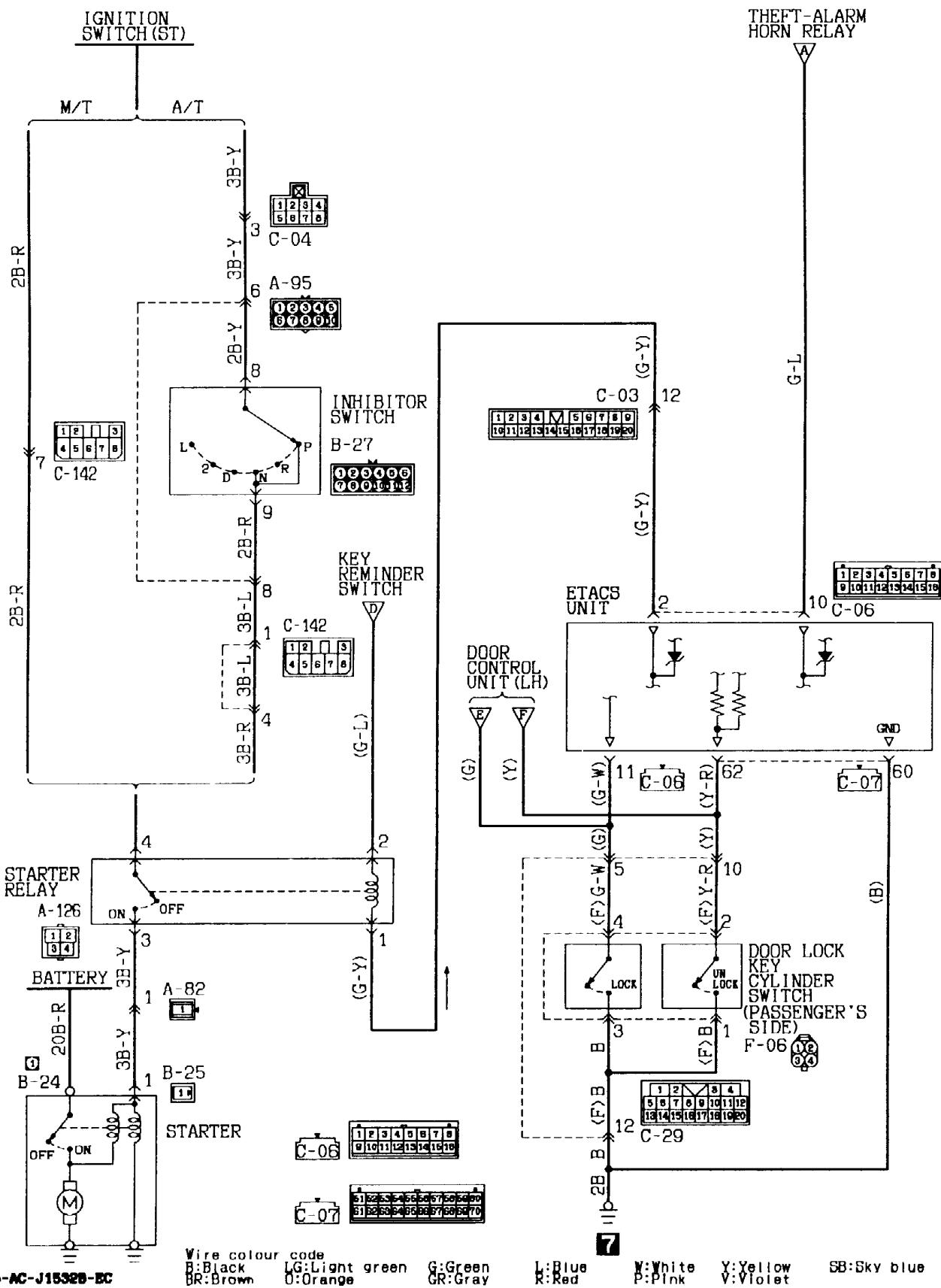
G:Green
GR:Gray
L:Blue

W:White
P:Pink

Y:Yellow
V:Violet

SB:Sky blue





4-450-6

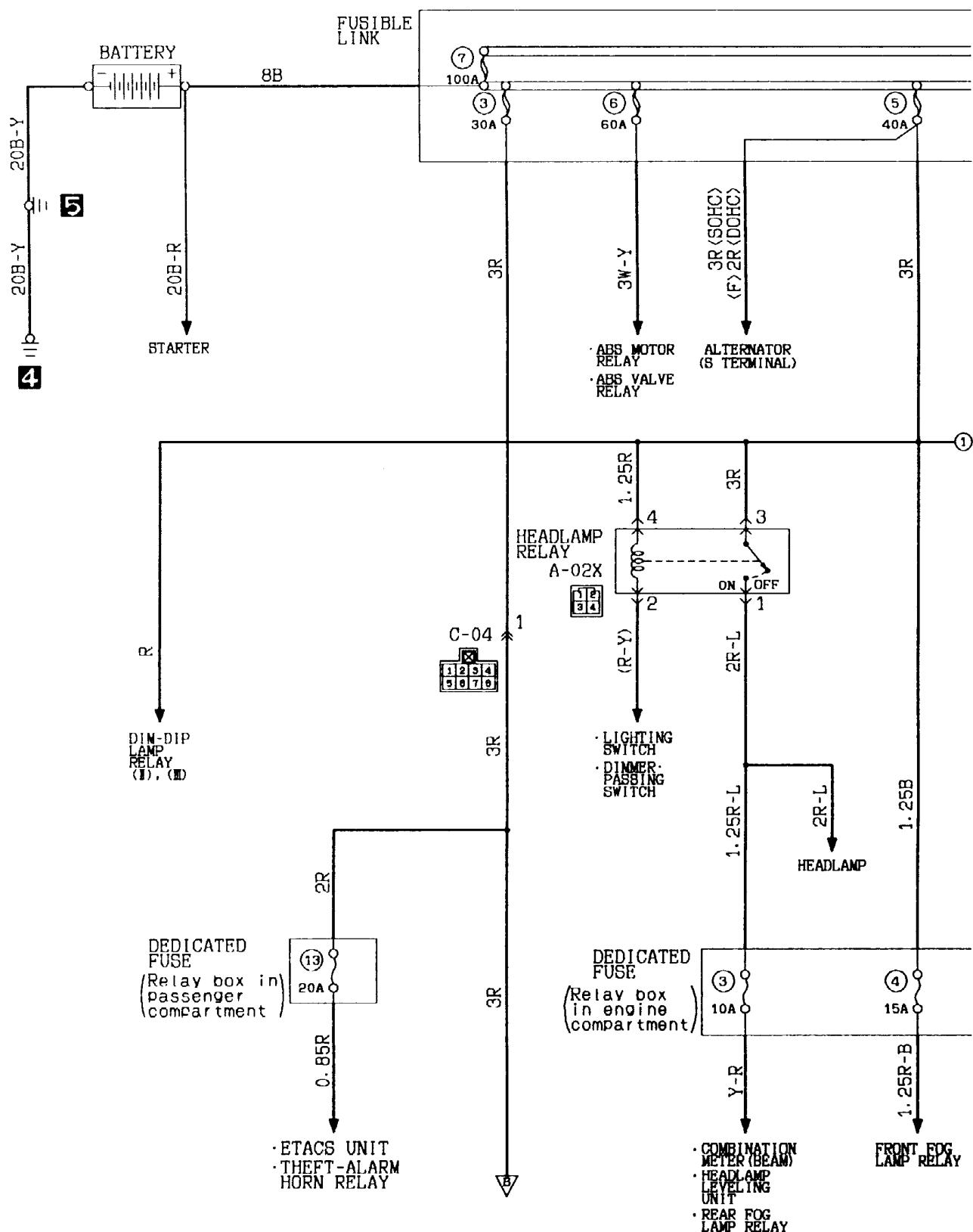
NOTES

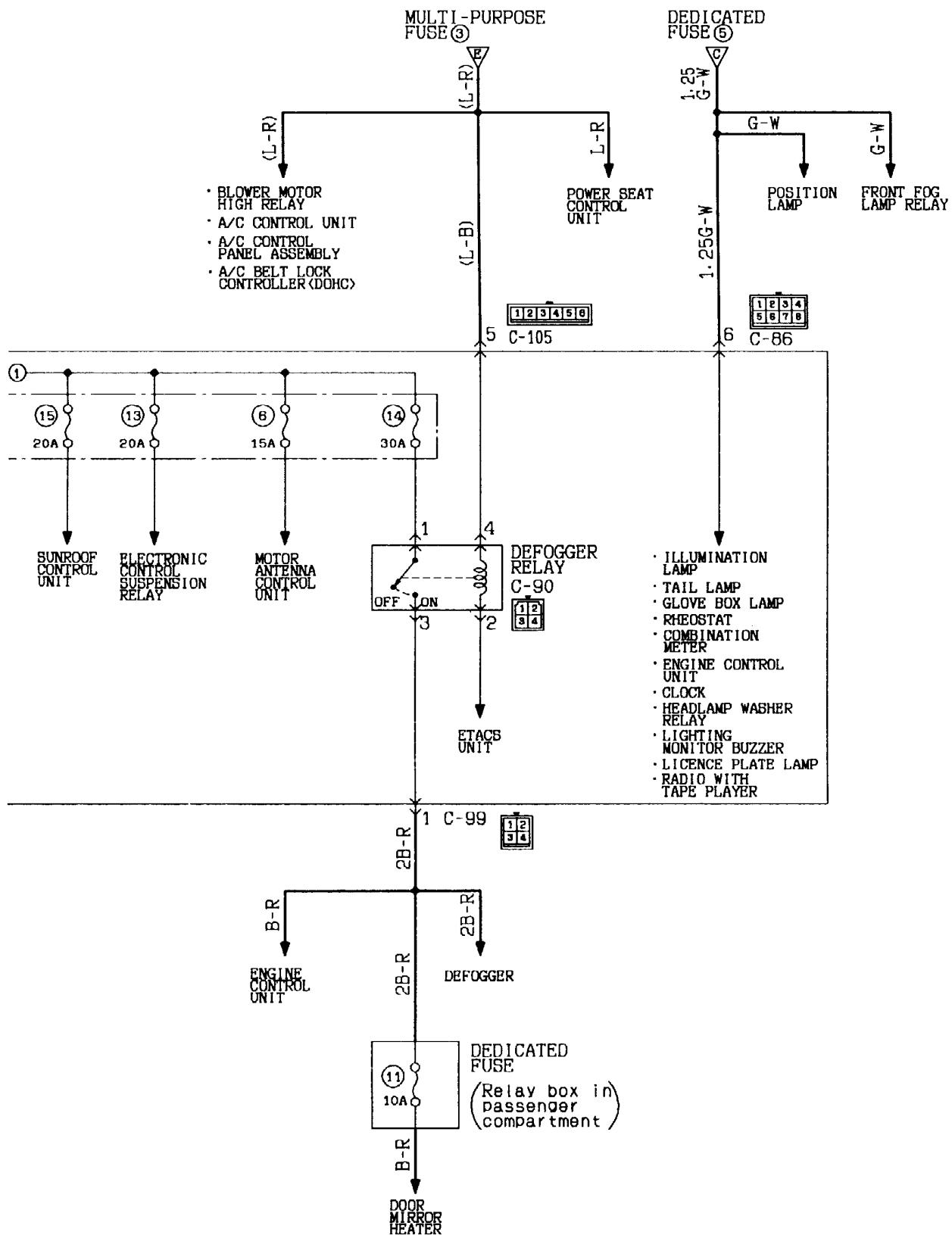
4 CIRCUIT DIAGRAM

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

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

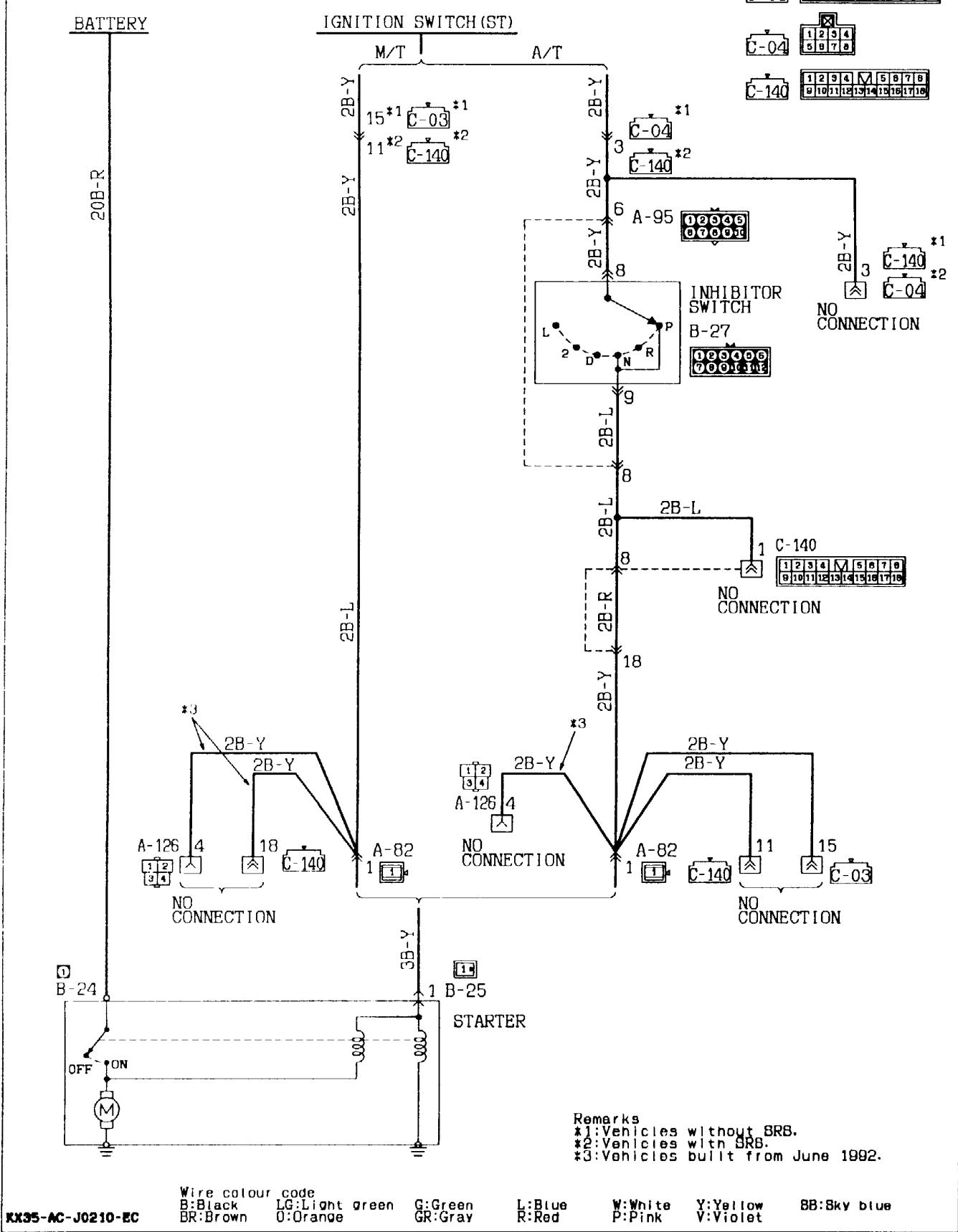
1 POWER DISTRIBUTION SYSTEM





2 STARTING SYSTEM

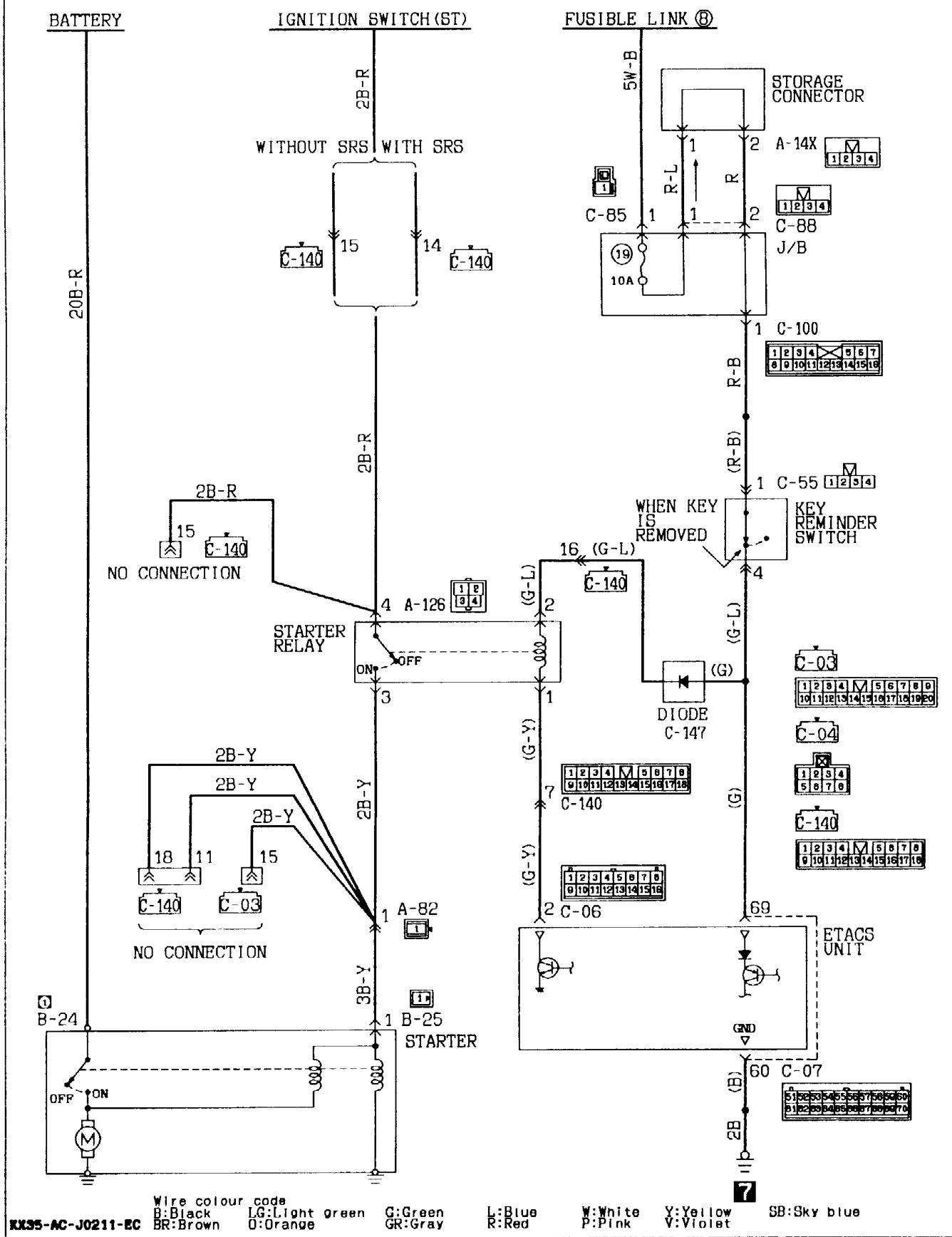
2-1 Vehicles without Theft-Alarm System



Remarks
*1: Vehicles without BRB.
*2: Vehicles with BRB.
*3: Vehicles built from June 1992.

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

2-2 Vehicles with Theft-Alarm system<M/T>



Wire colour code

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

BR:Brown U:Uruguay

G:Green
GR:Gray

GR. Gray

L:Blue
R:Red

R. REU

W:White
P:Pink

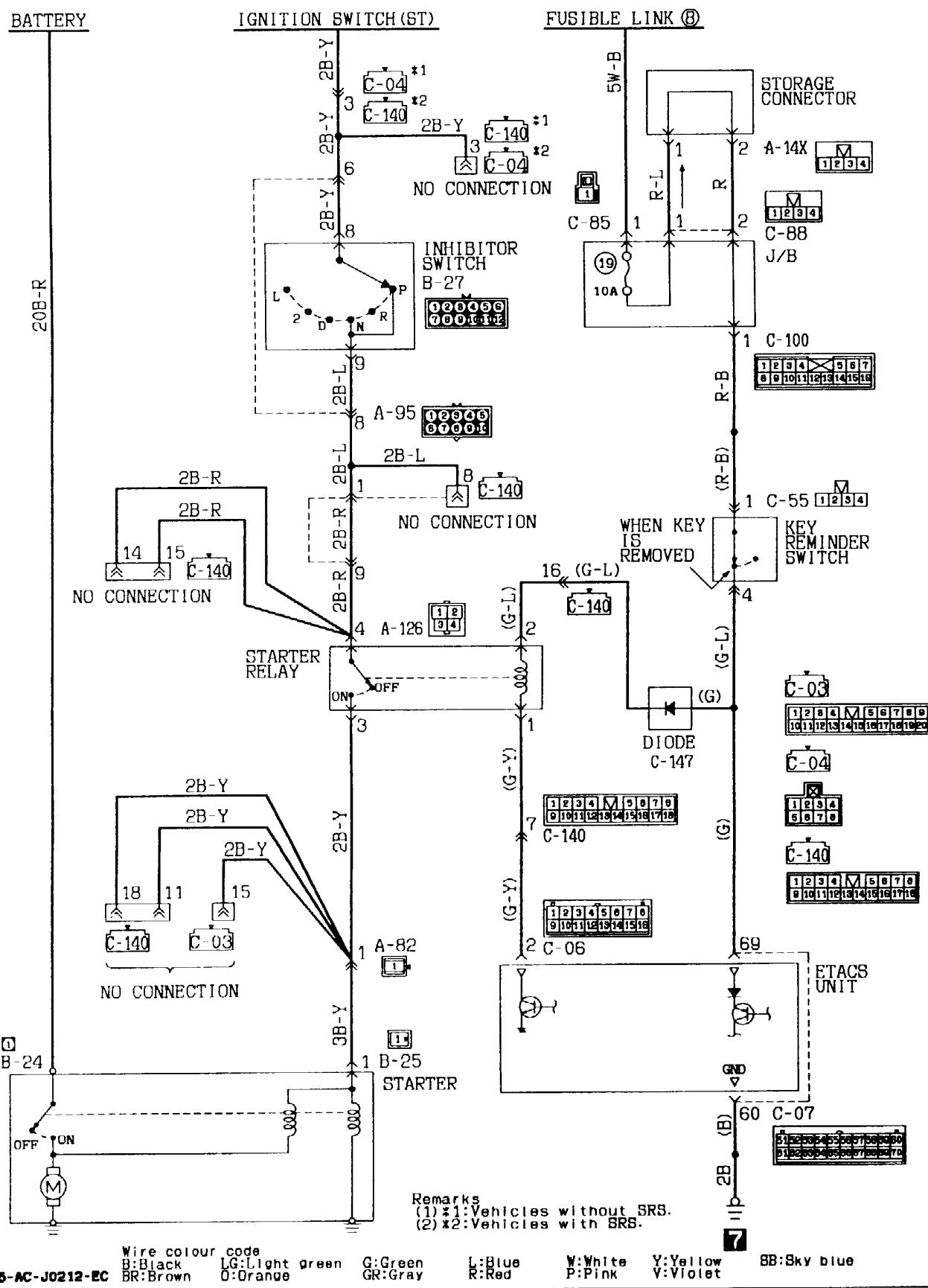
P.PTR

Y:Yellow
V:Violet

V. VIGIER

SB:Sky blue

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

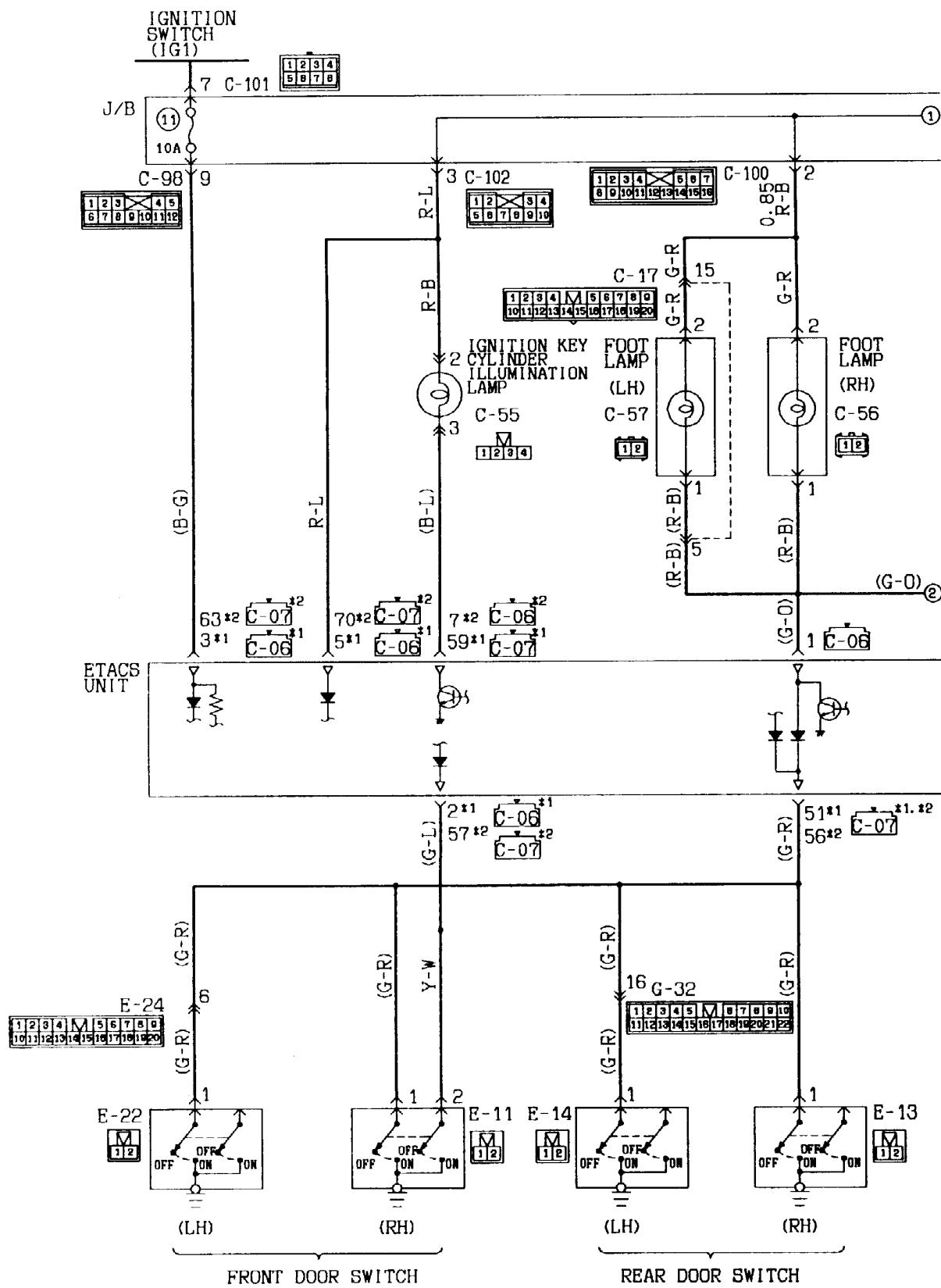
Ignition switch	Lighting switch	Rear fog lamp relay
–	"HEAD"	ON

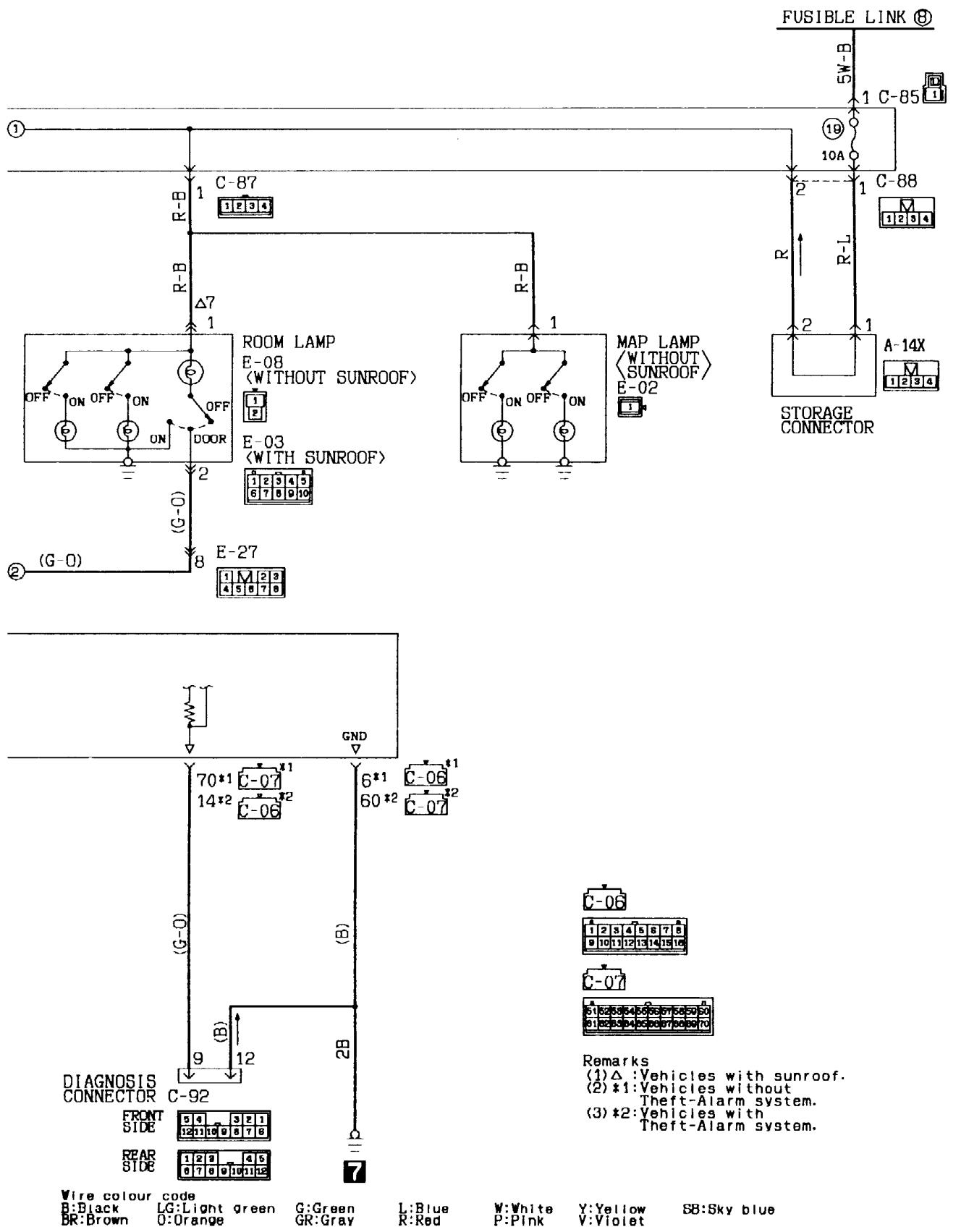
- Placing the lighting switch in the HEAD position causes the rear fog lamp relay to be energized.
- When the rear fog lamp switch is turned ON in this condition, the rear fog lamp goes on.

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





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.

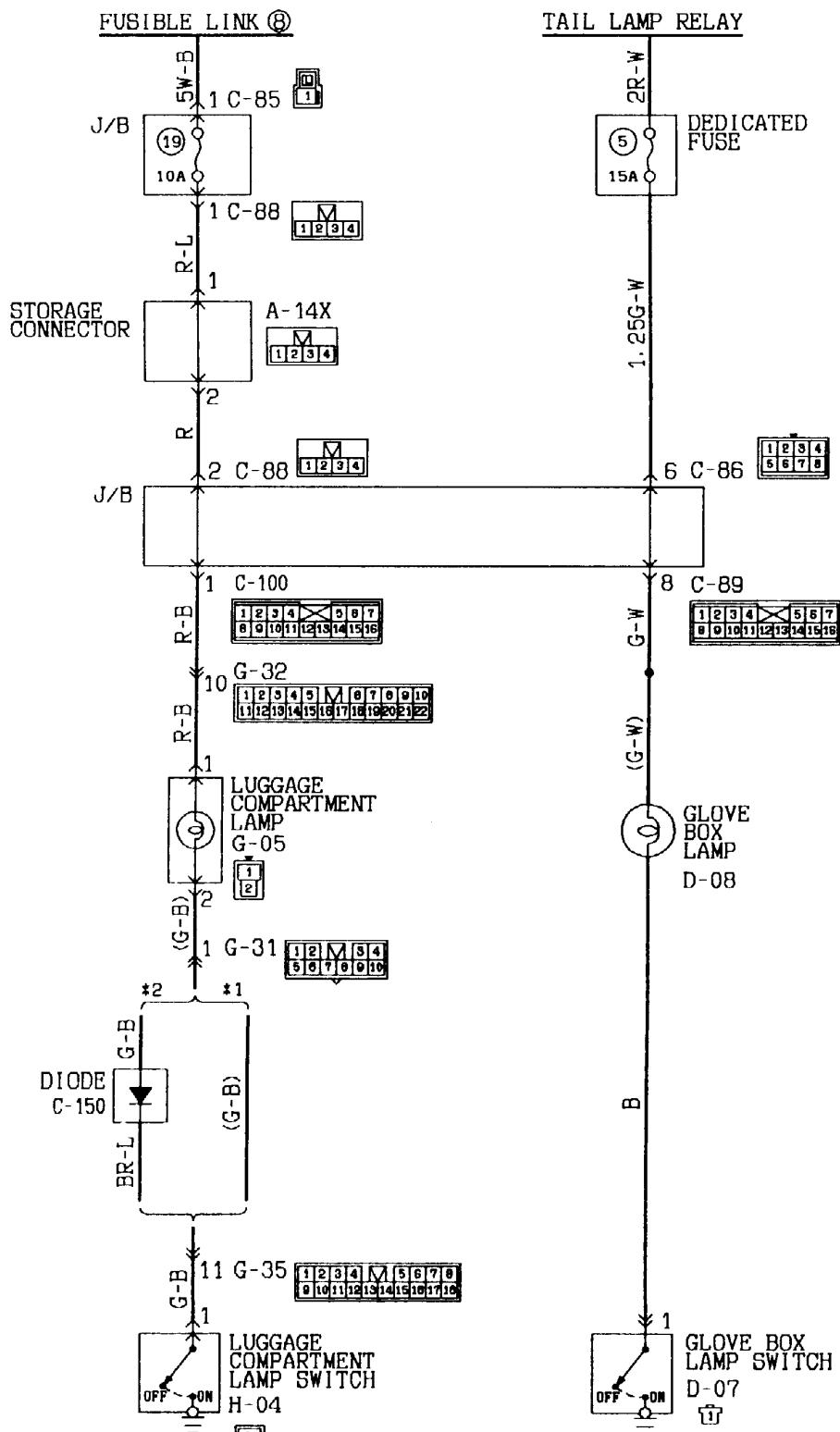
<IGNITION KEY CYLINDER ILLUMINATION LAMP>

- 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
 BR:Brown O:Orange GR:Gray R:Red P:Pink Y:Yellow
 V:Violet SB:Sky blue

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. ⑯.
- 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. ⑯.
 - 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).

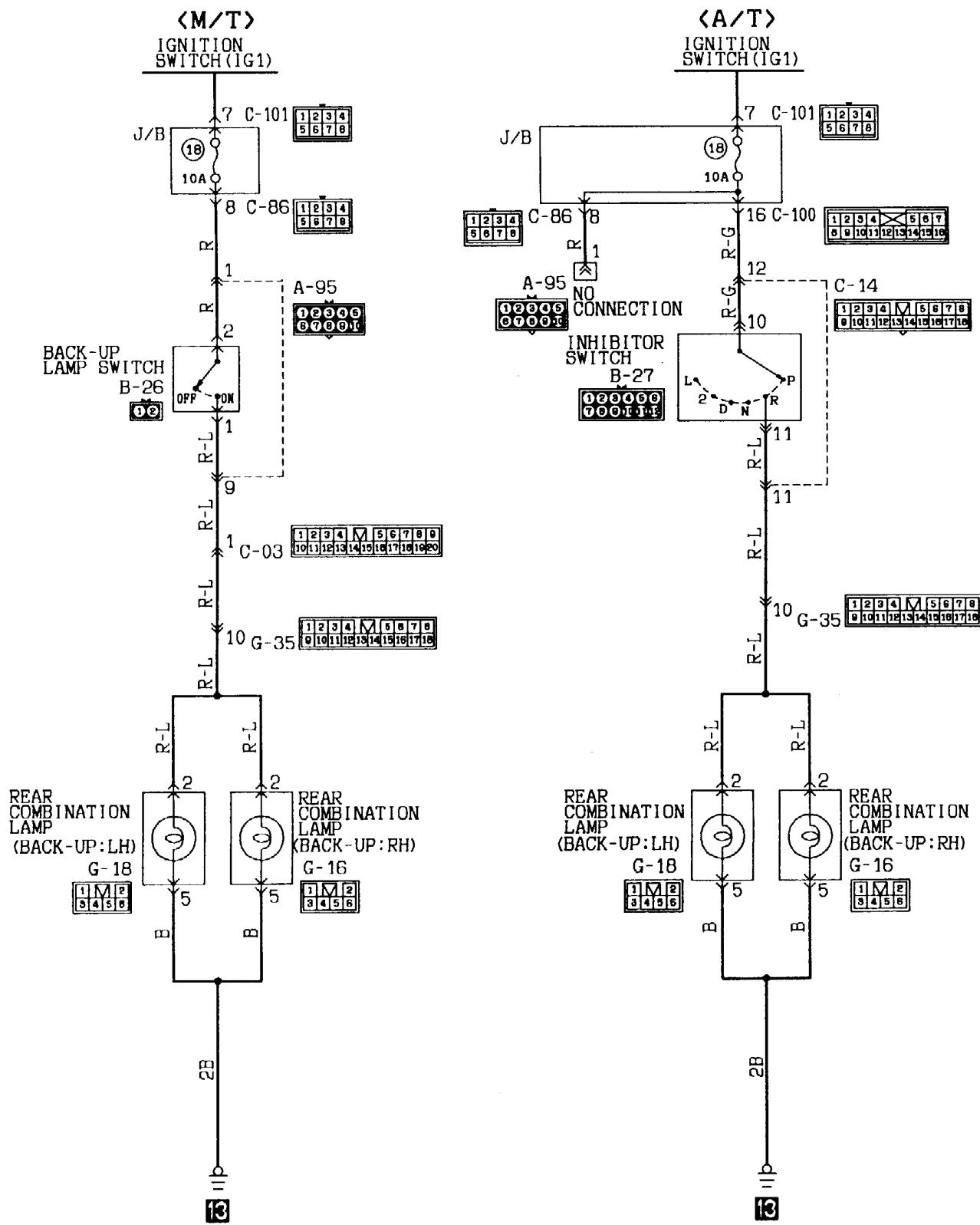
DOOR LAMP (See P.4-523.)**OPERATION**

- Battery voltage is always applied to the door lamp through the fusible link No. ⑧ and multi-purpose fuse No. ⑯.
- When each door is opened, the door switch turns on to light the door lamp.

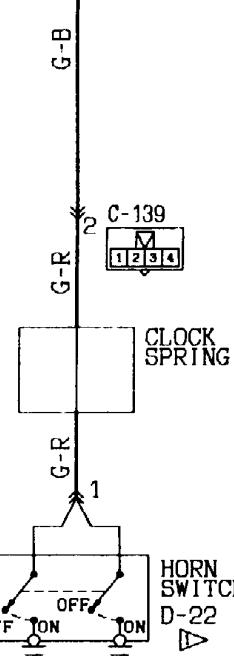
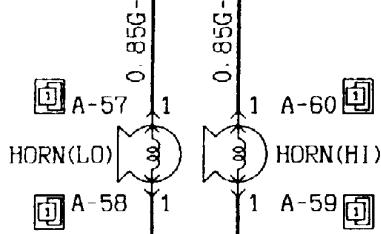
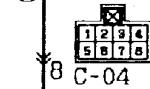
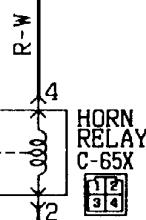
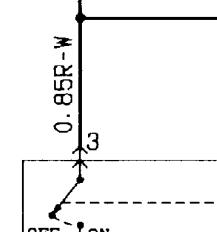
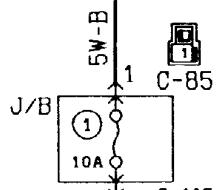
TROUBLESHOOTING HINTS

1. Door lamp does not go on.
 - 1) Every door lamp does not go on.
 - Check dedicated fuse No. ⑯.
 - 2) Any of door lamps does not go on.
 - Check the lamp bulb.
 - Check the door switch (contact and earth).

19 BACK-UP LAMP



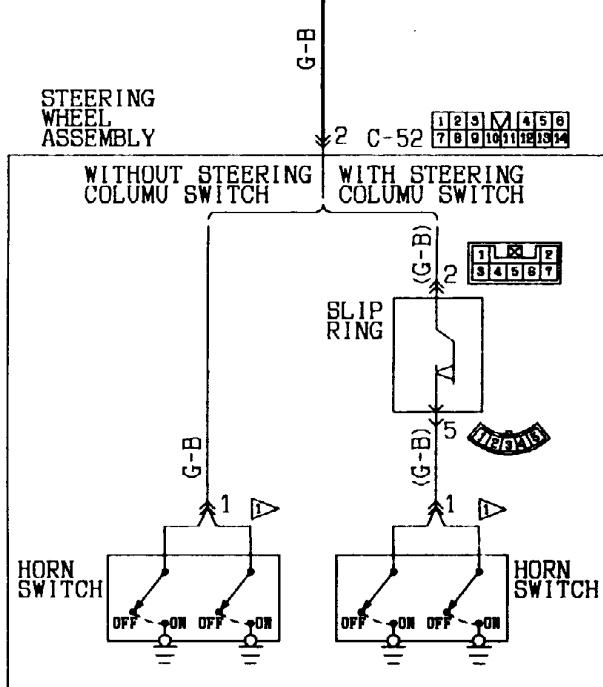
20 HORN

FUSIBLE LINK ⑥

WITH SRS WITHOUT SRS

STEERING WHEEL ASSEMBLY

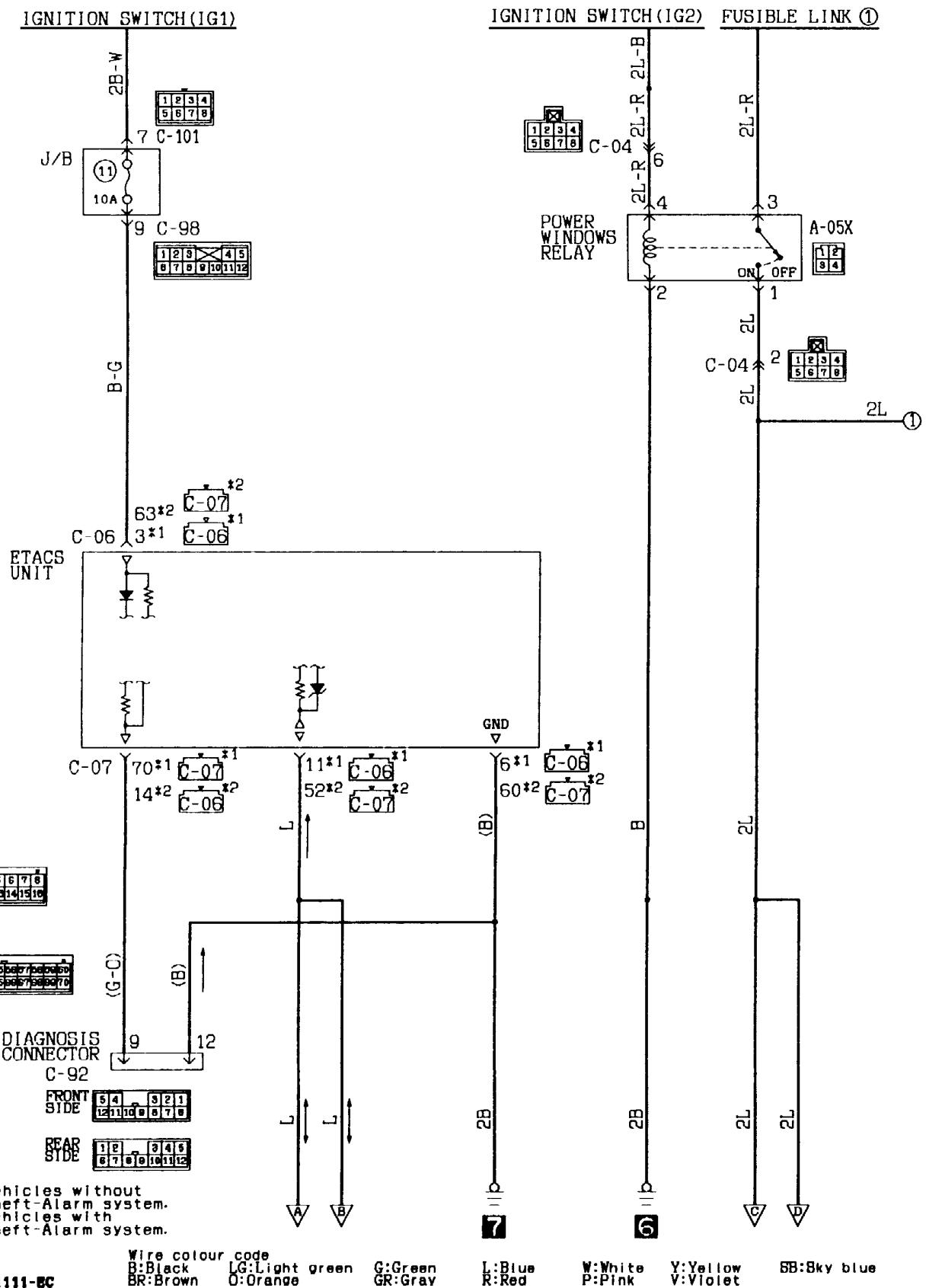
WITHOUT STEERING COLUMN SWITCH WITH STEERING COLUMN SWITCH

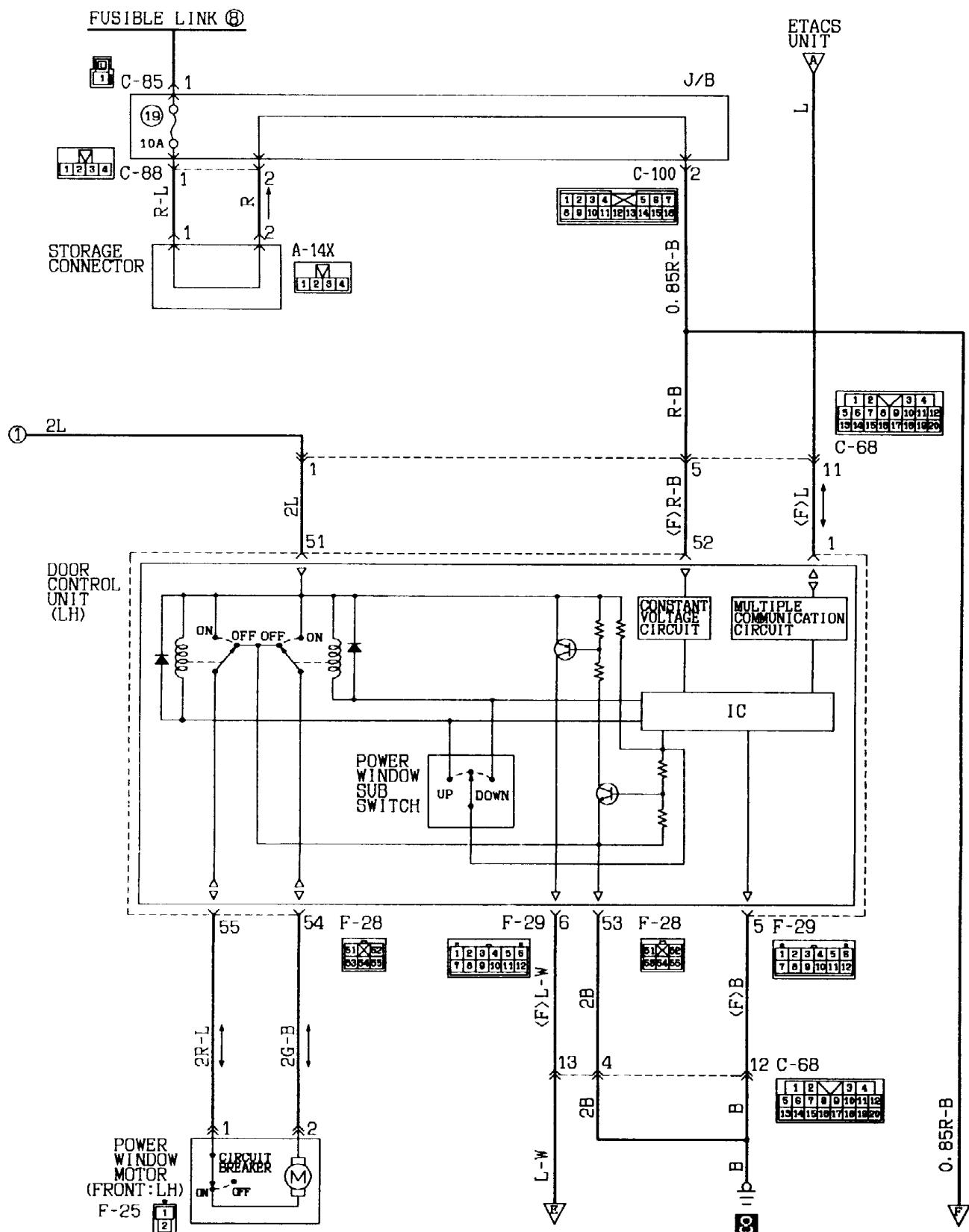


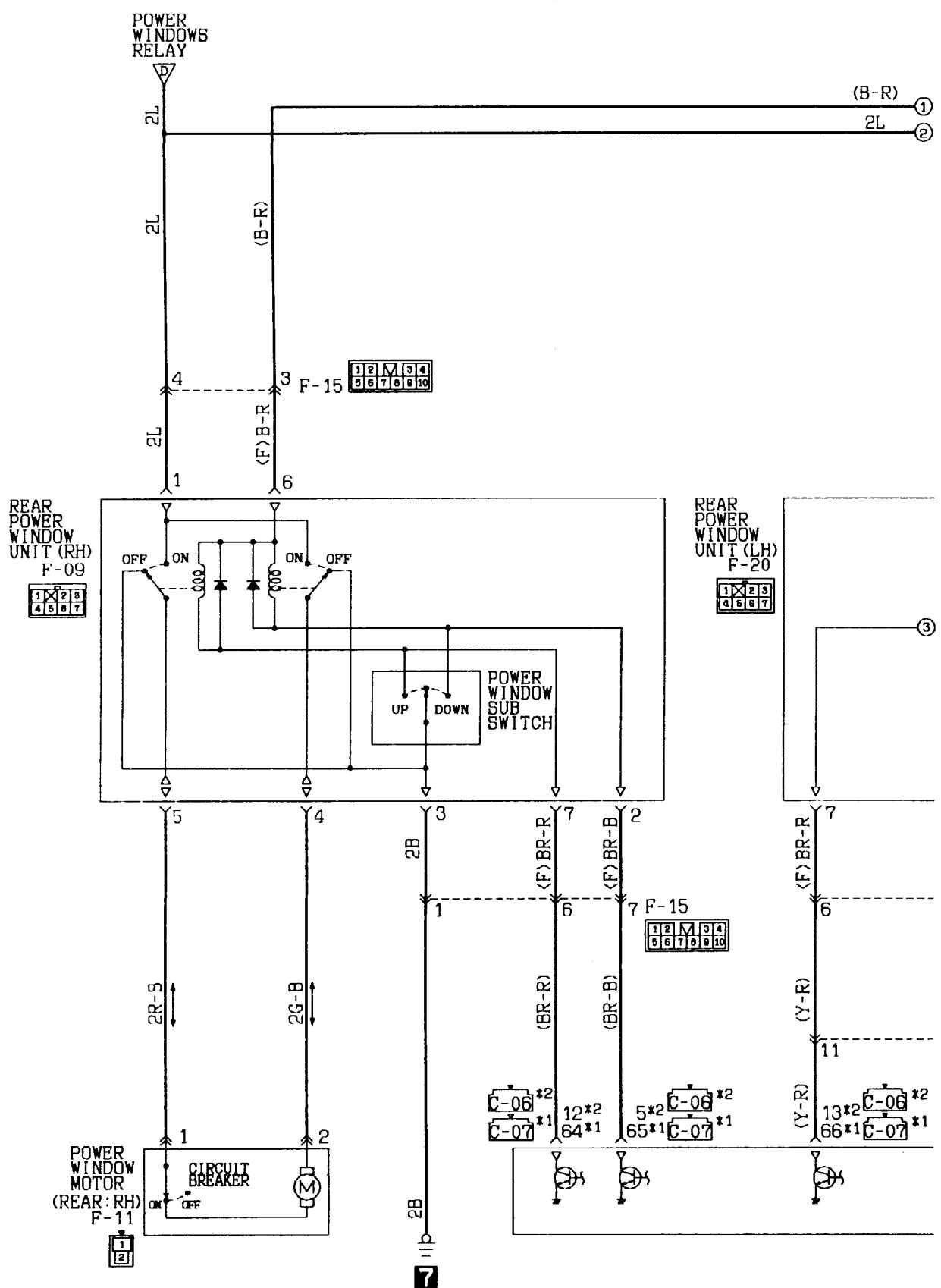
Wire colour code
 B:Black LG:Light green G:Green L:Blue
 BR:Brown O:Orange GR:Gray R:Red W:White
 P:Pink Y:Yellow V:Violet SB:Sky blue

KX35-AC-J0017-EC

24 POWER WINDOW







Wire colour code

B:Black LG:Light green G:Green

BR:Brown O:Orange GR:Gray

L:Blue

R:Red

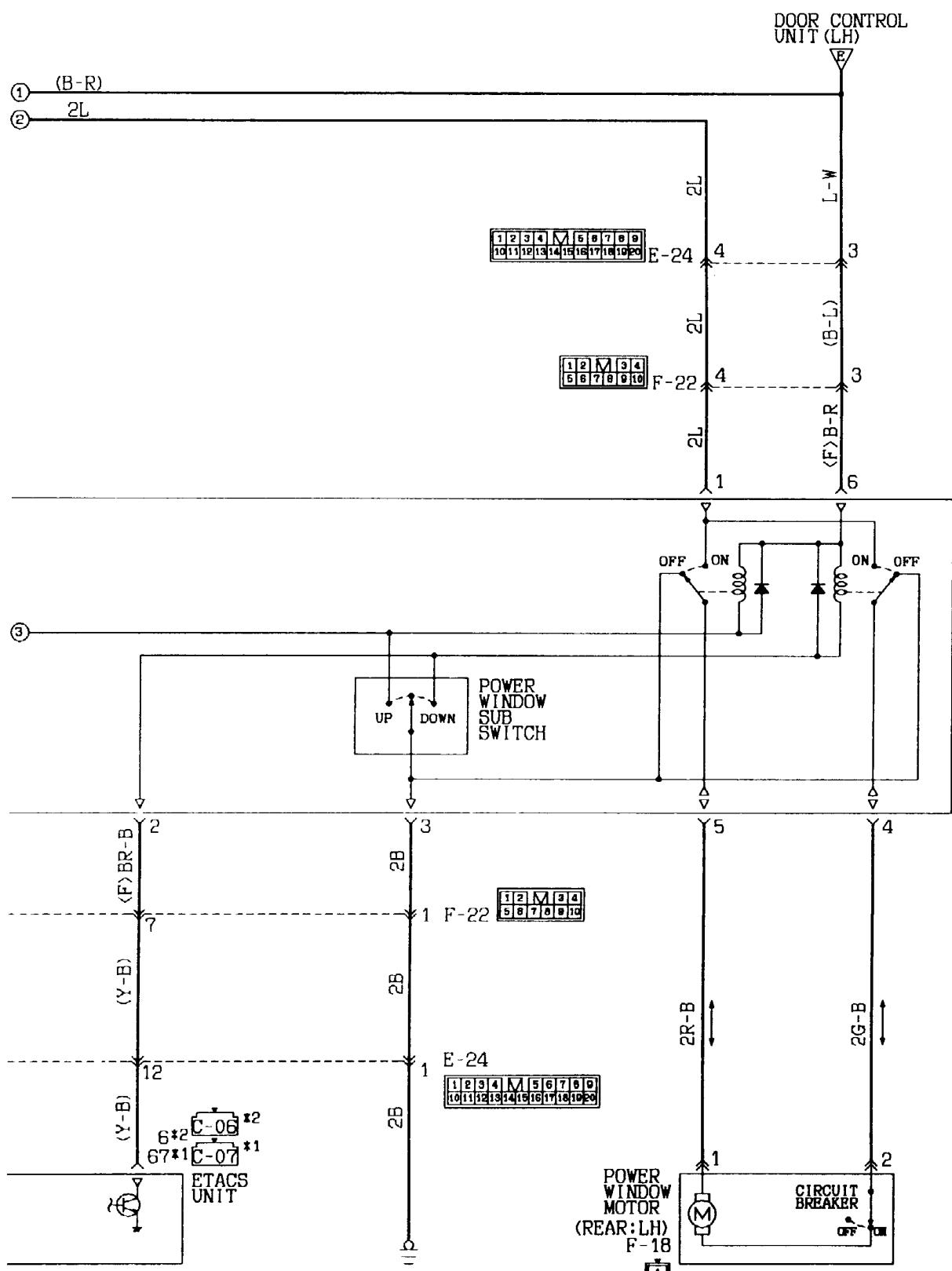
W:White

P:Pink

Y:Yellow

V:Violet

SB:Sky blue



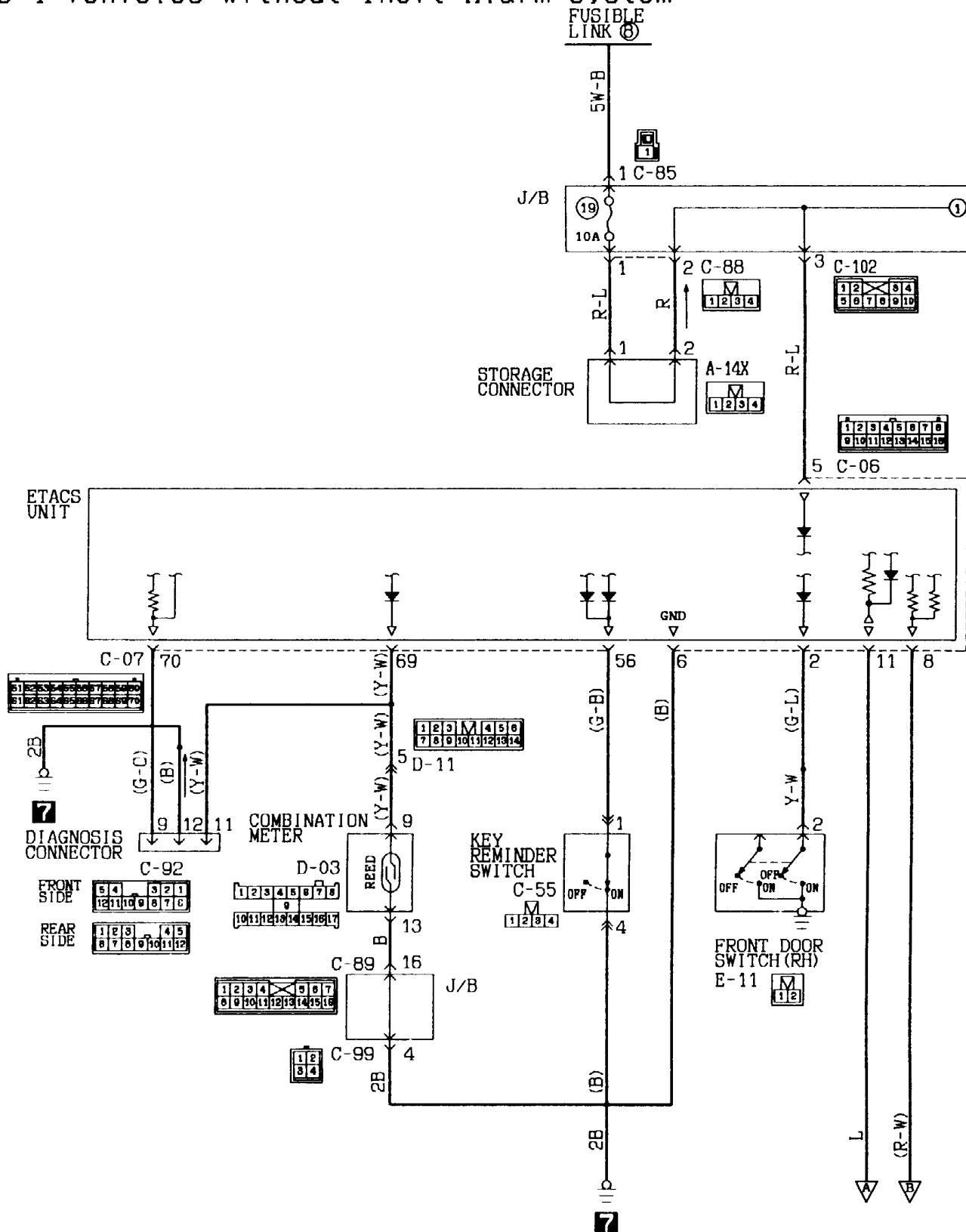
Remarks

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



25 CENTRAL DOOR LOCKING SYSTEM

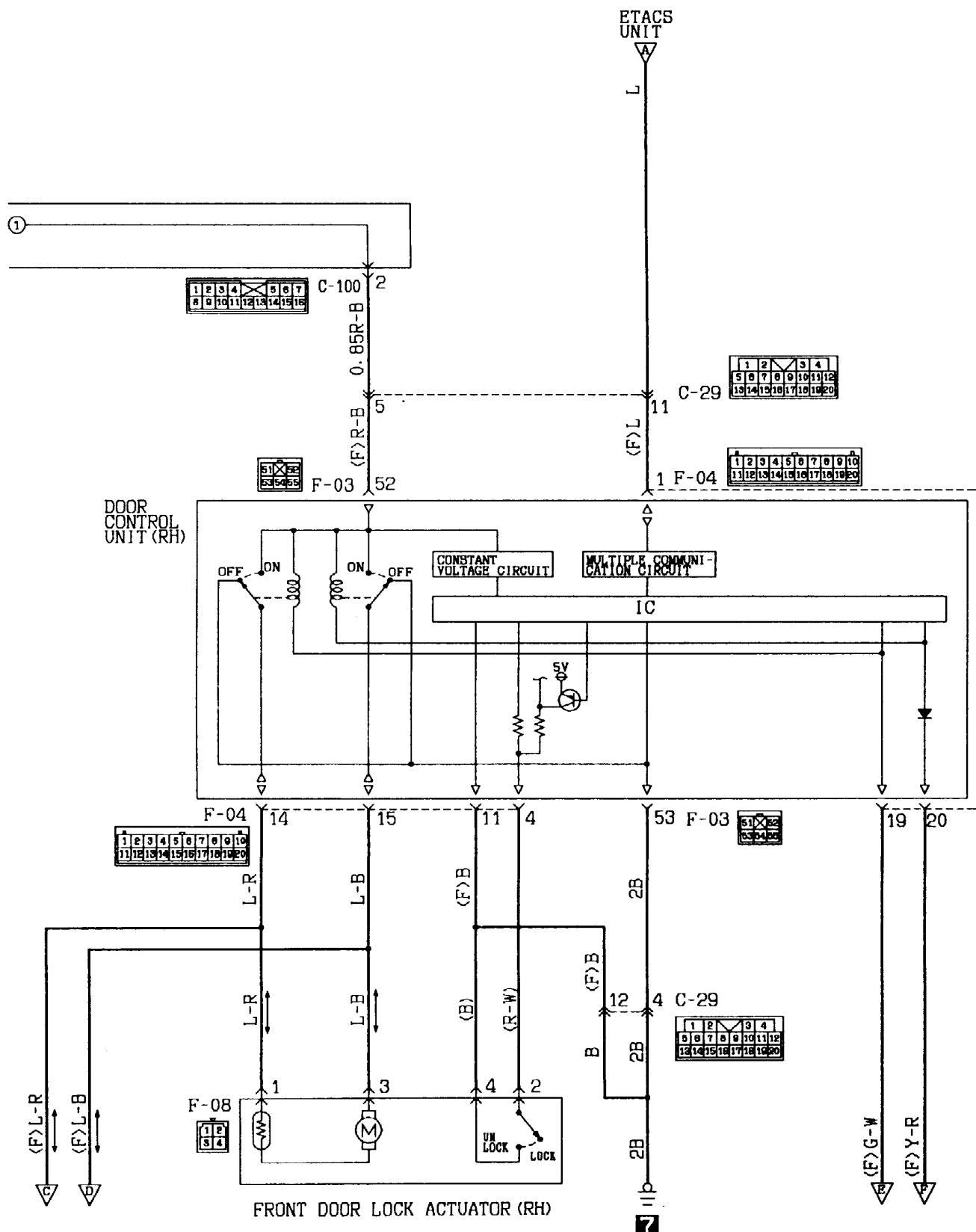
25-1 Vehicles without Theft-Alarm system

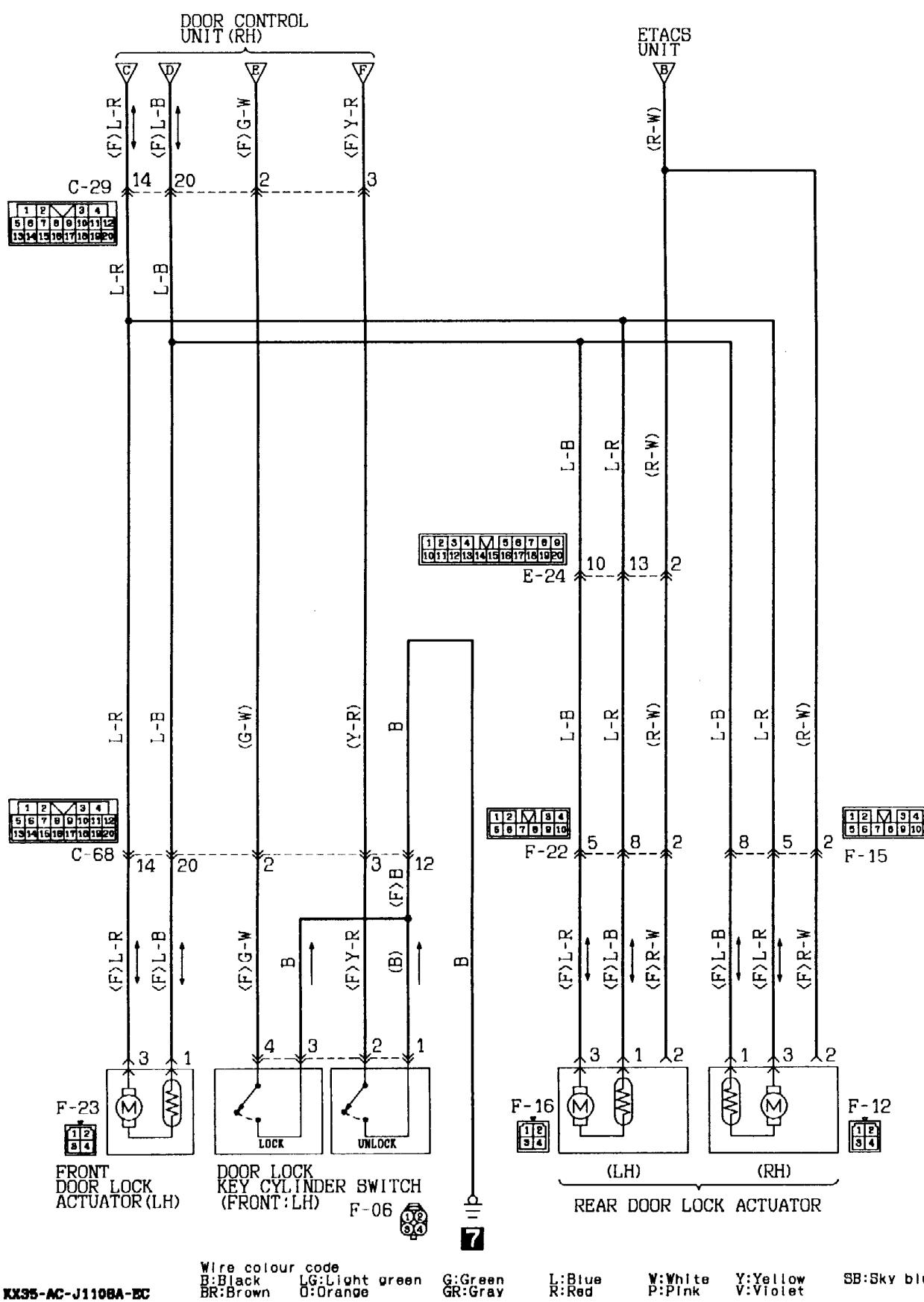


Wire colour code

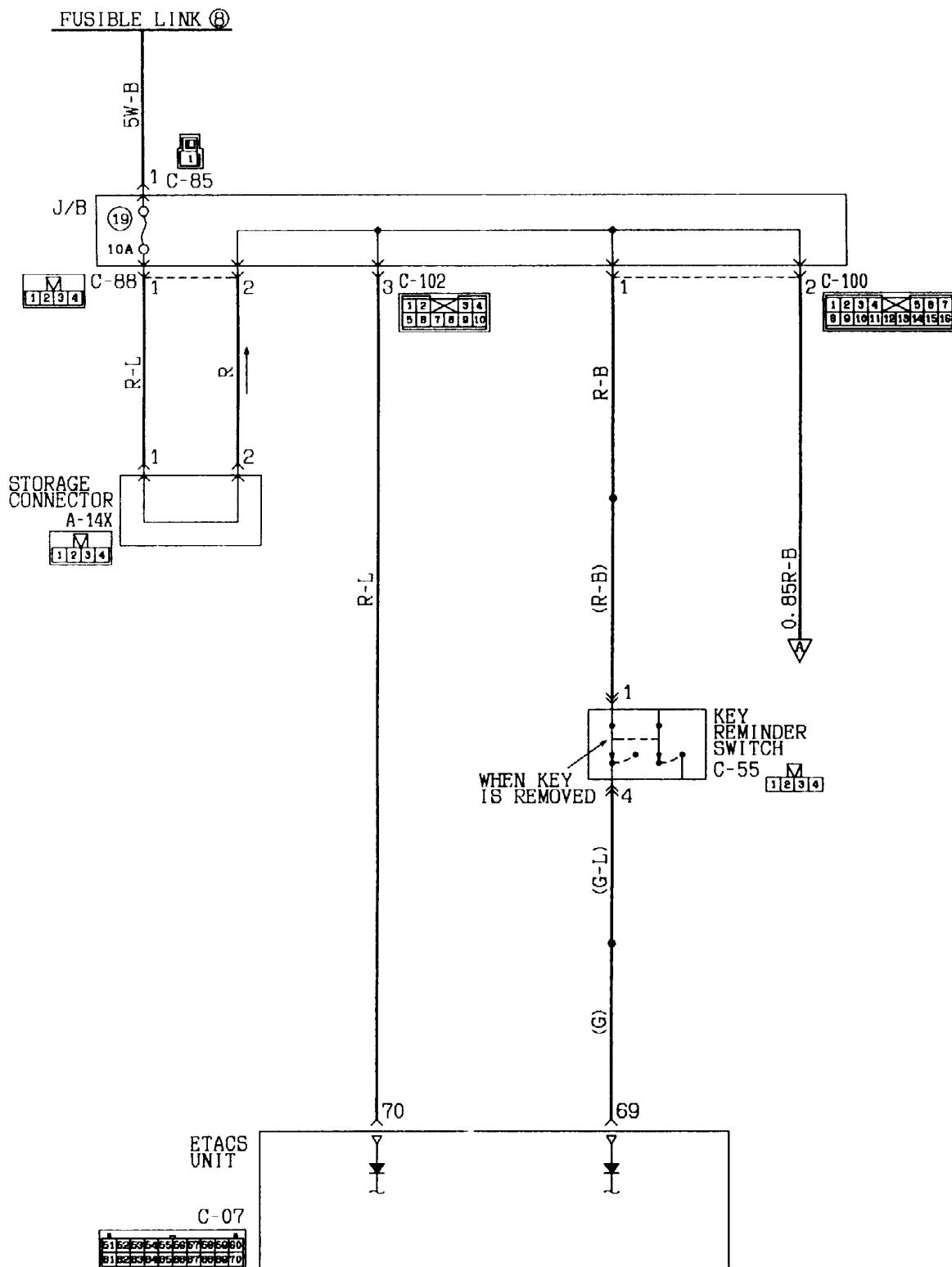
B:Black
BR:Brown
LG:Light green
D:OrangeG:Green
GR:GrayL:Blue
R:RedW:White
P:PinkY:Yellow
V:Violent

SB:Sky blue





25-2 Vehicles with Theft-Alarm System



Wire colour code

B:Black

BR:Brown

LG:Light green

D:Orange

G:Green

GR:Gray

L:Blue

R:Red

W:White

P:Pink

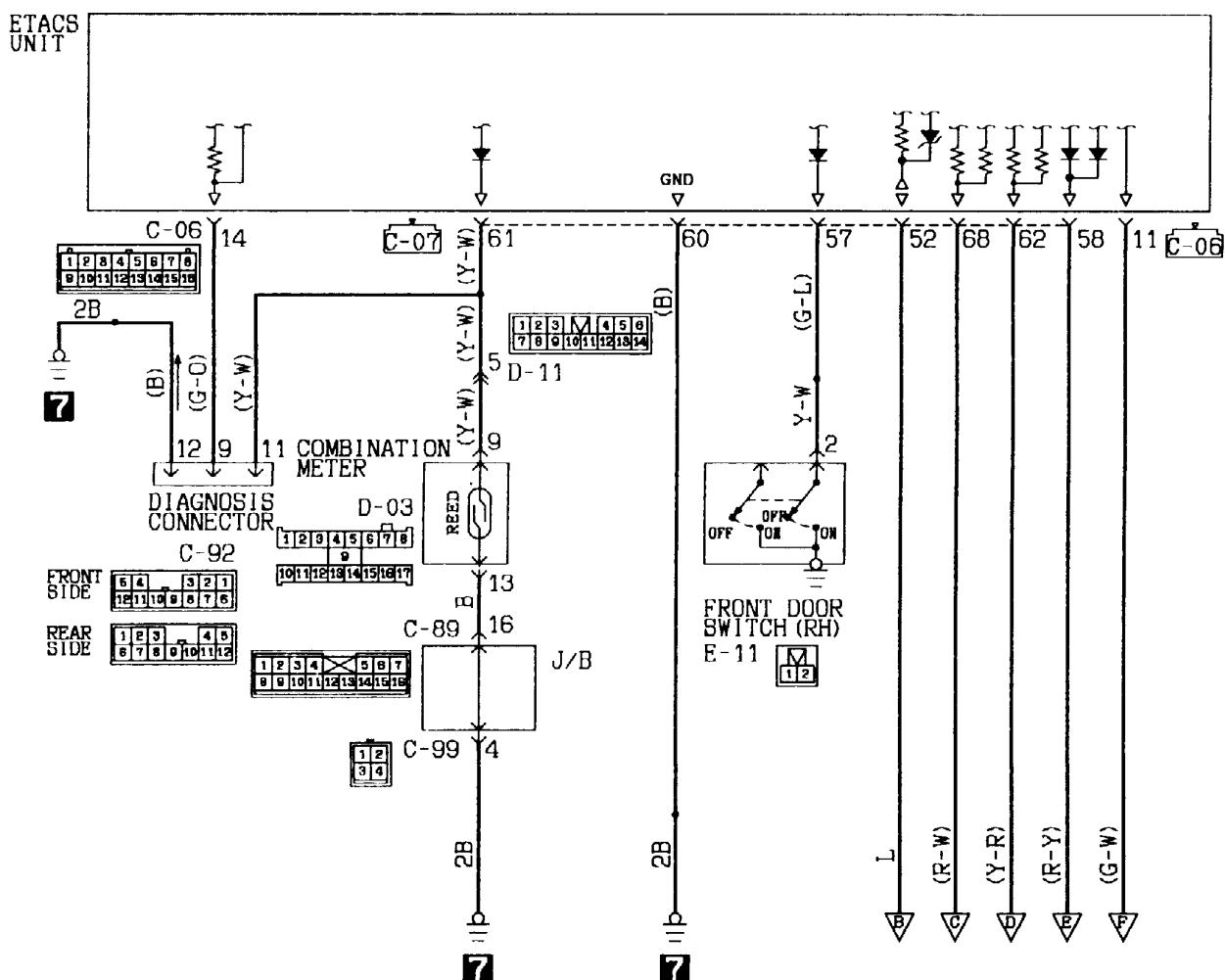
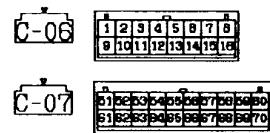
Y:Yellow

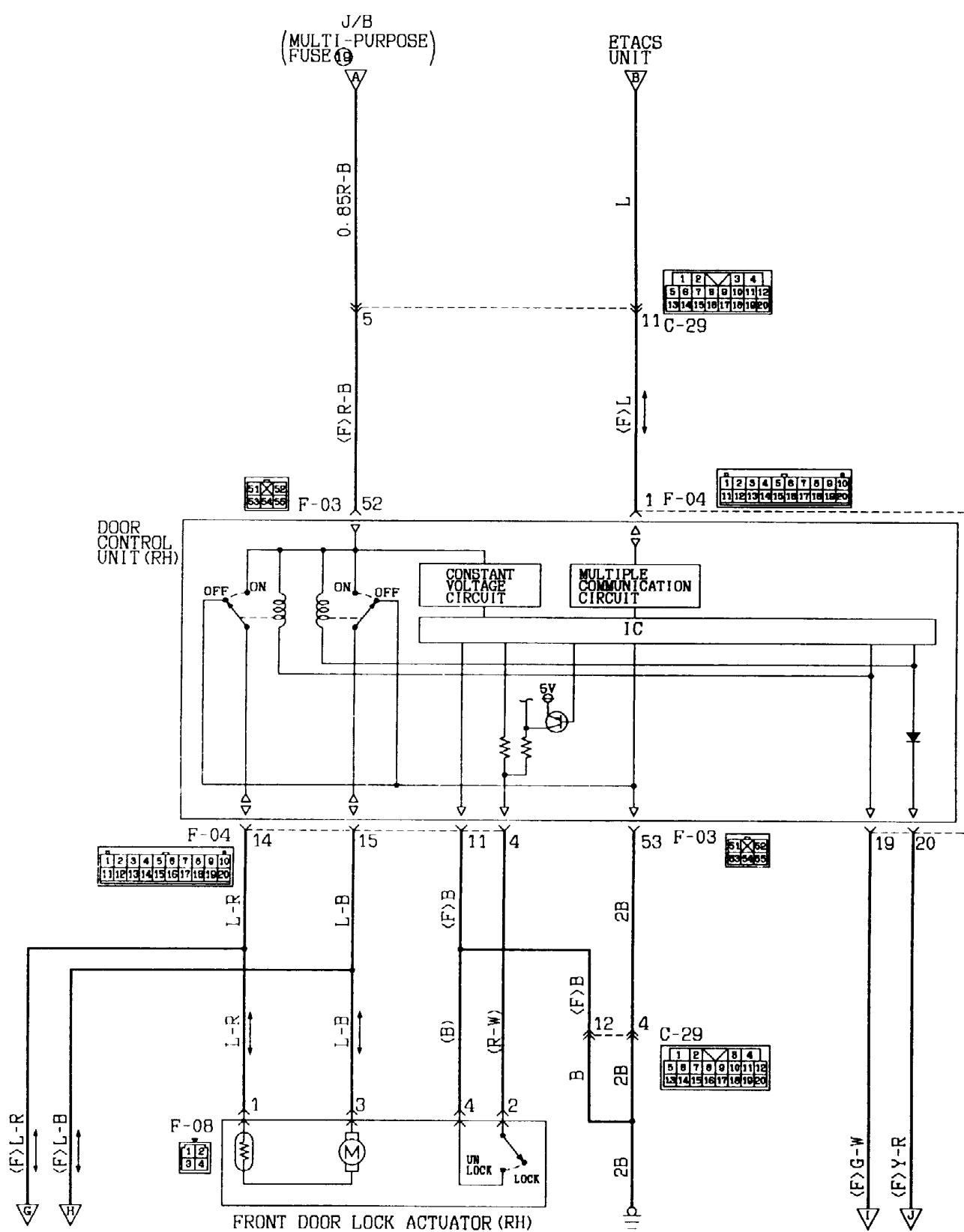
V:Violet

SB:Sky blue

CIRCUIT DIAGRAM – Central Door Locking System

4-551-2

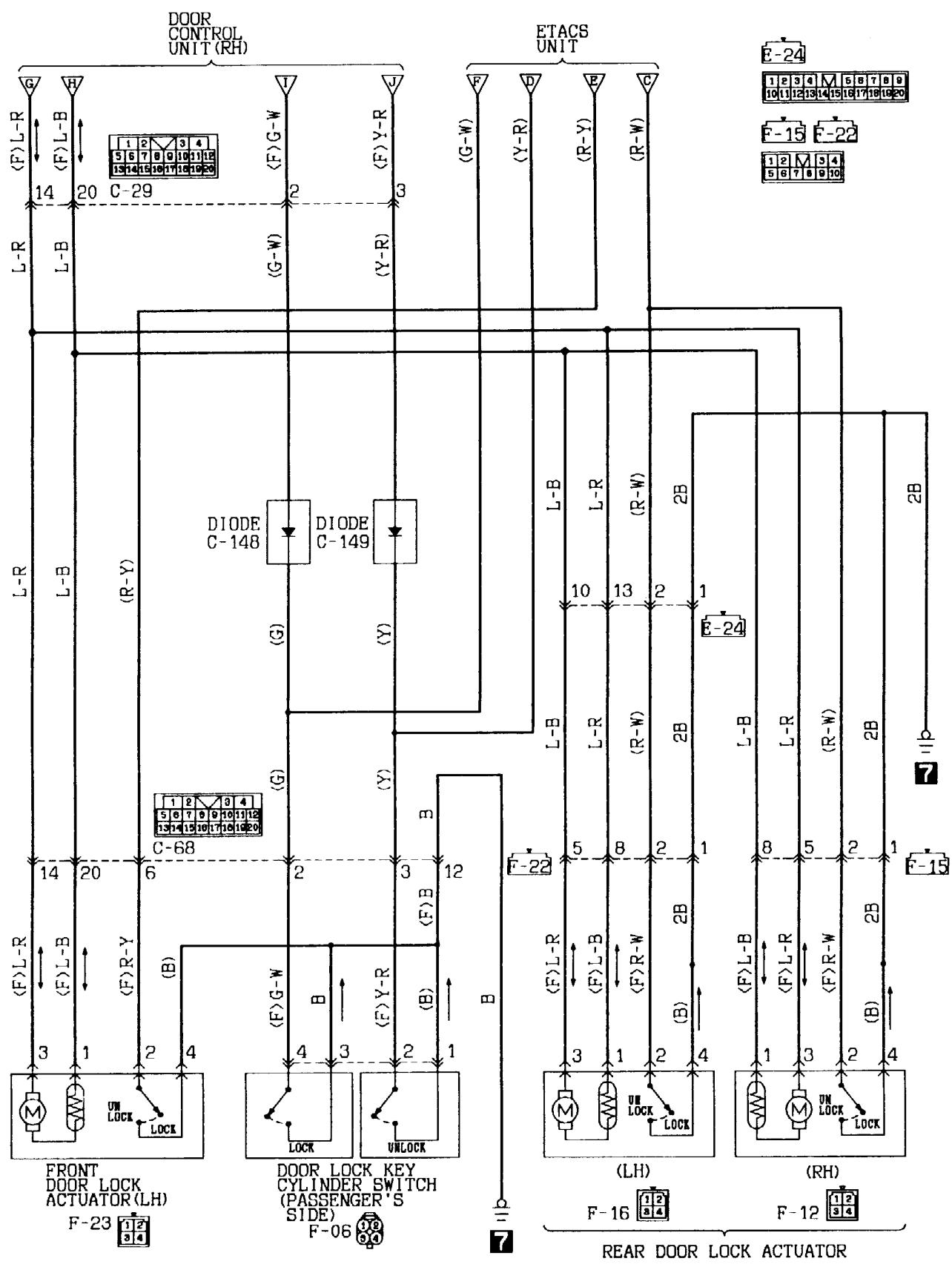




Wire colour code
 B:Black LG:Light green G:Green L:Blue
 BR:Brown O:Orange GR:Gray R:Red W:White P:Pink Y:Yellow V:Violet SB:Sky blue

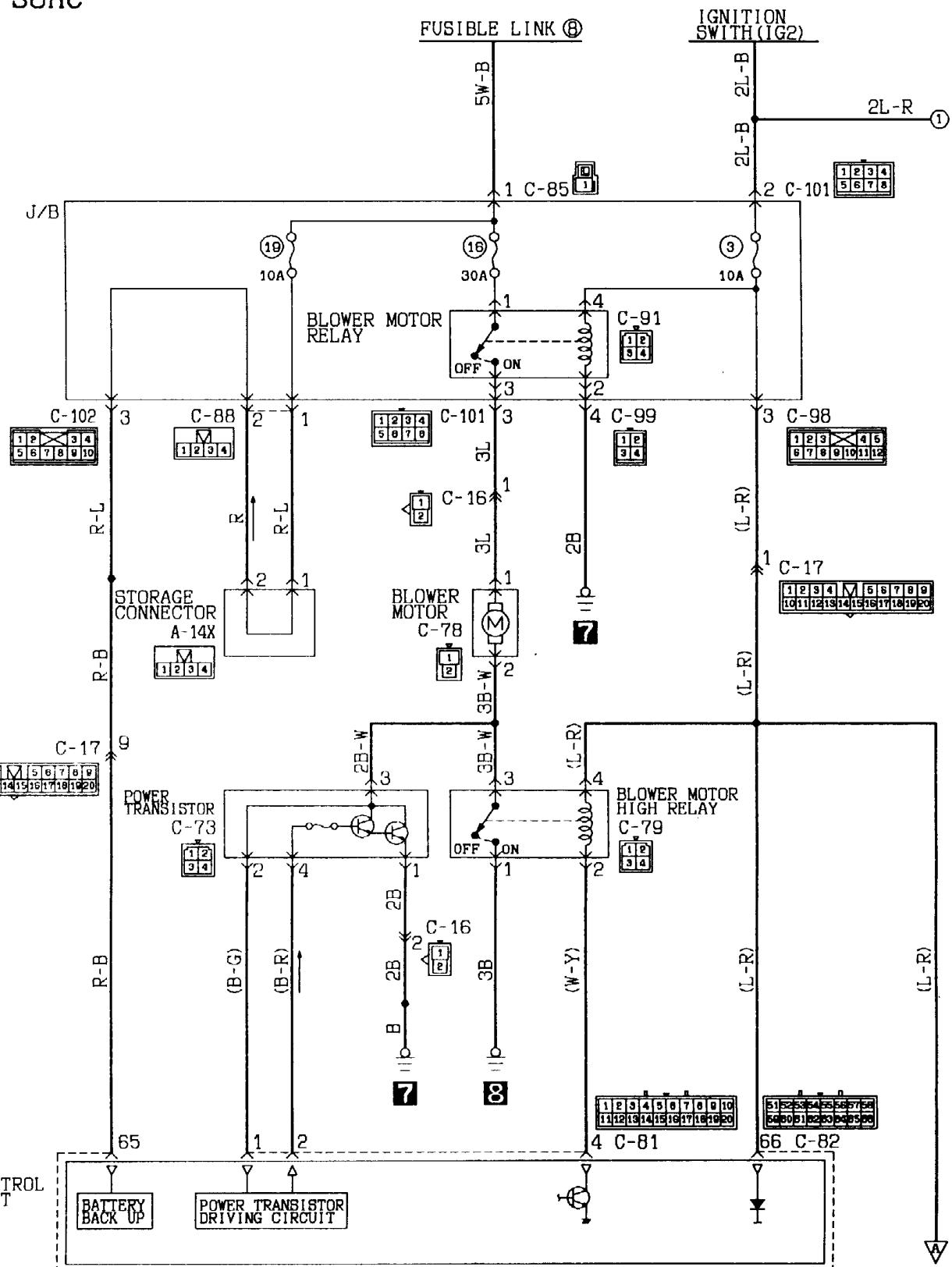
CIRCUIT DIAGRAM – Central Door Locking System

4-551-4



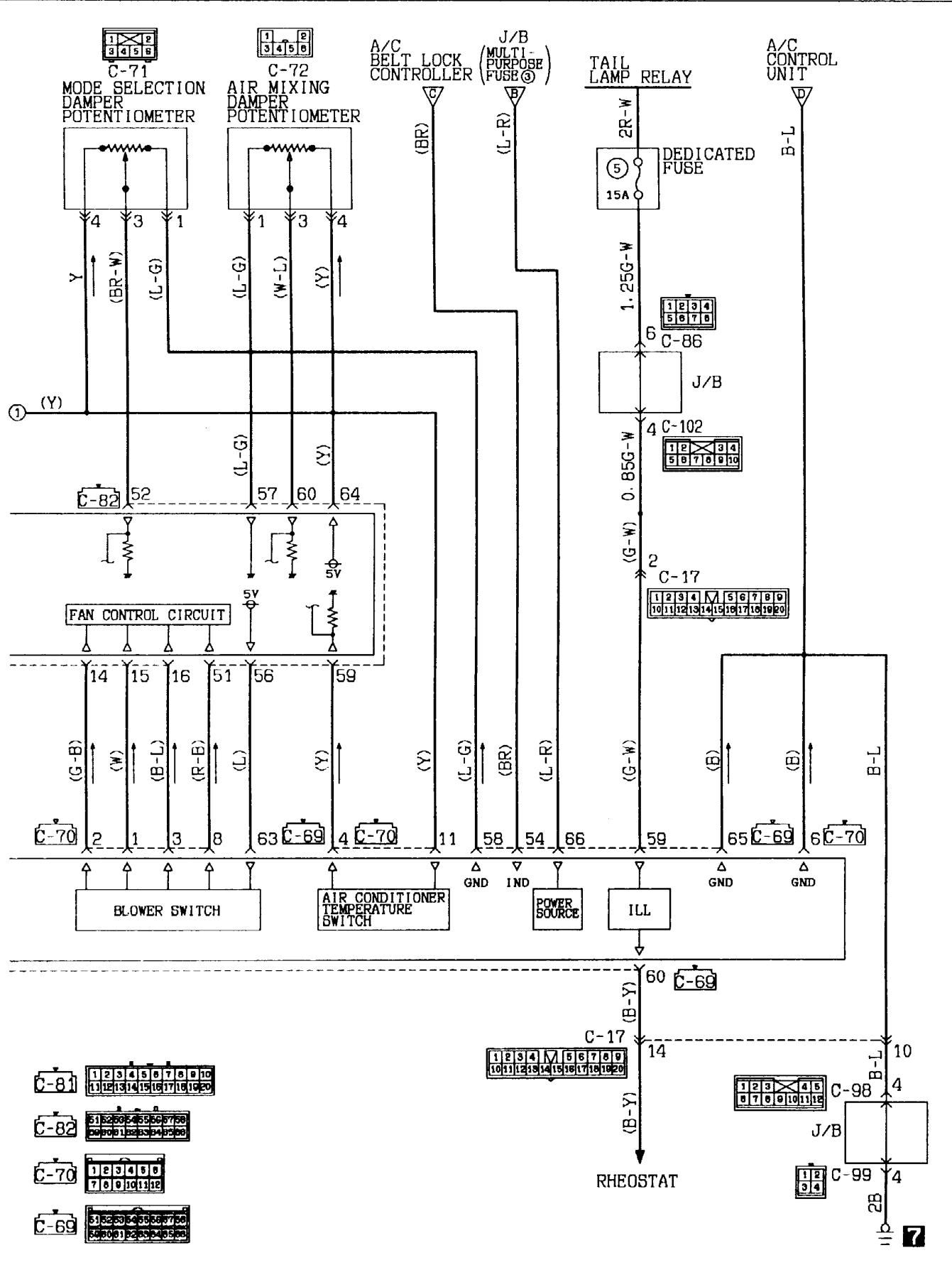
26 HEATER AND AIR CONDITIONER

26-1 SOHC

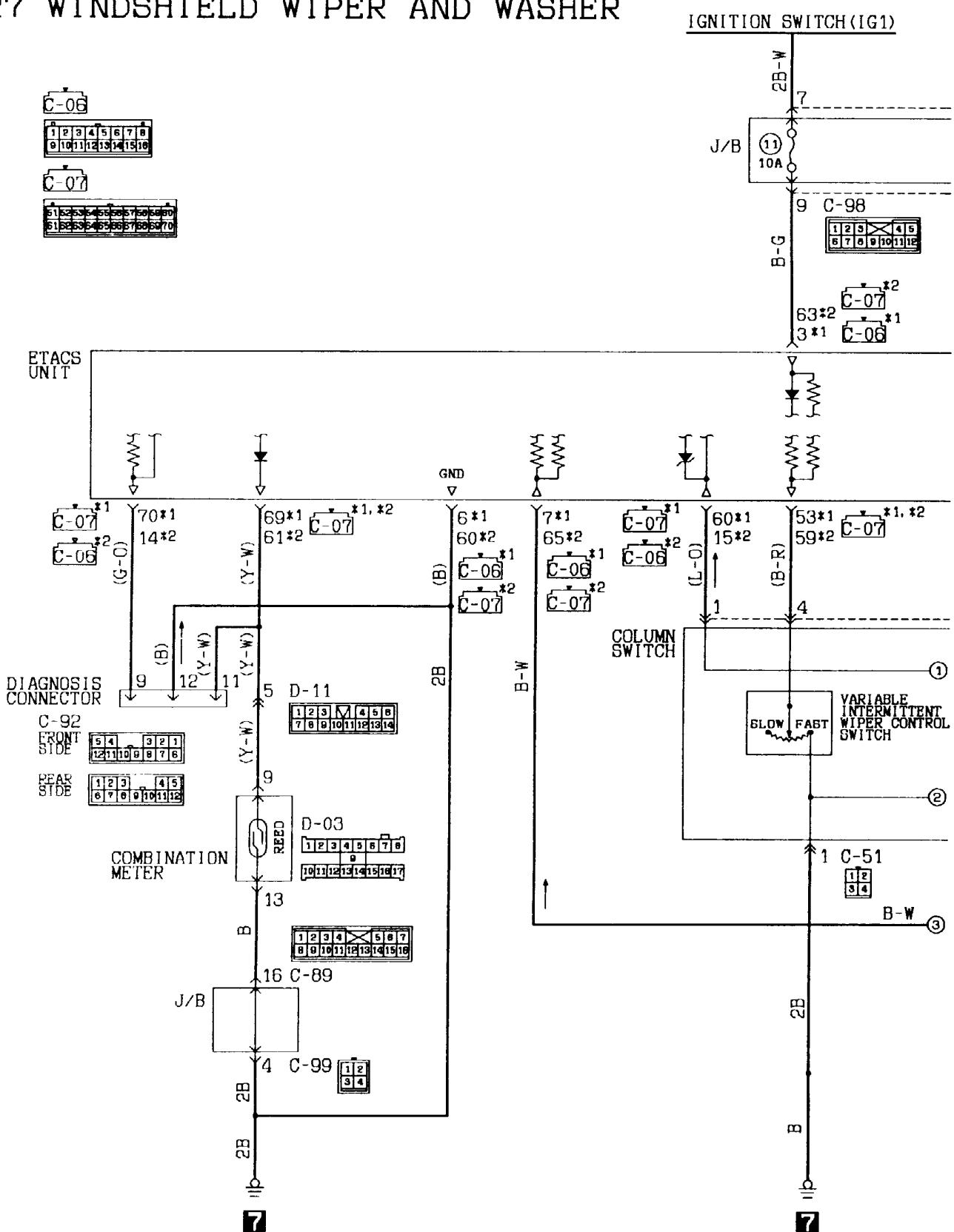


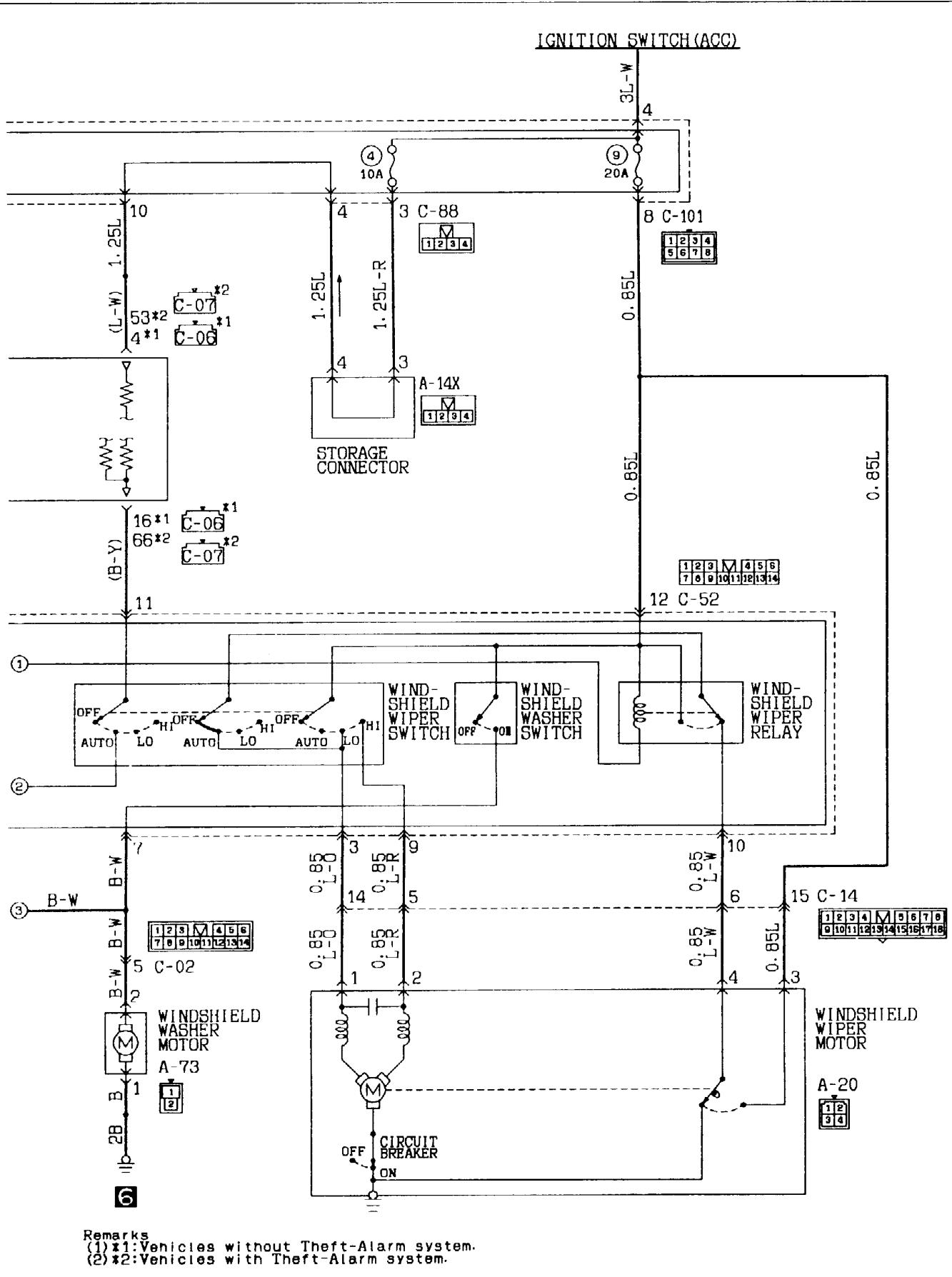
CIRCUIT DIAGRAM – Heater and Air Conditioner

4-563

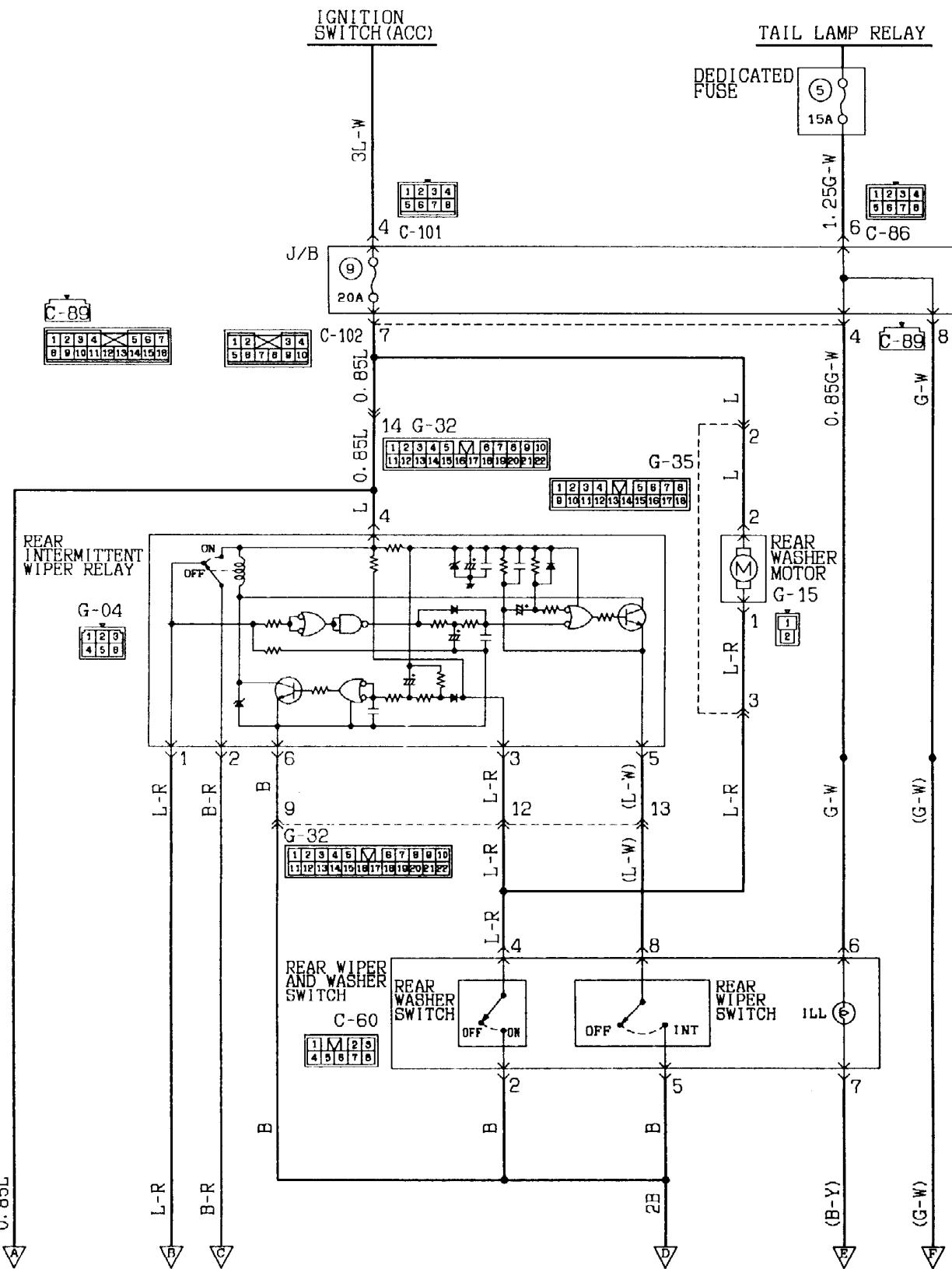


27 WINDSHIELD WIPER AND WASHER

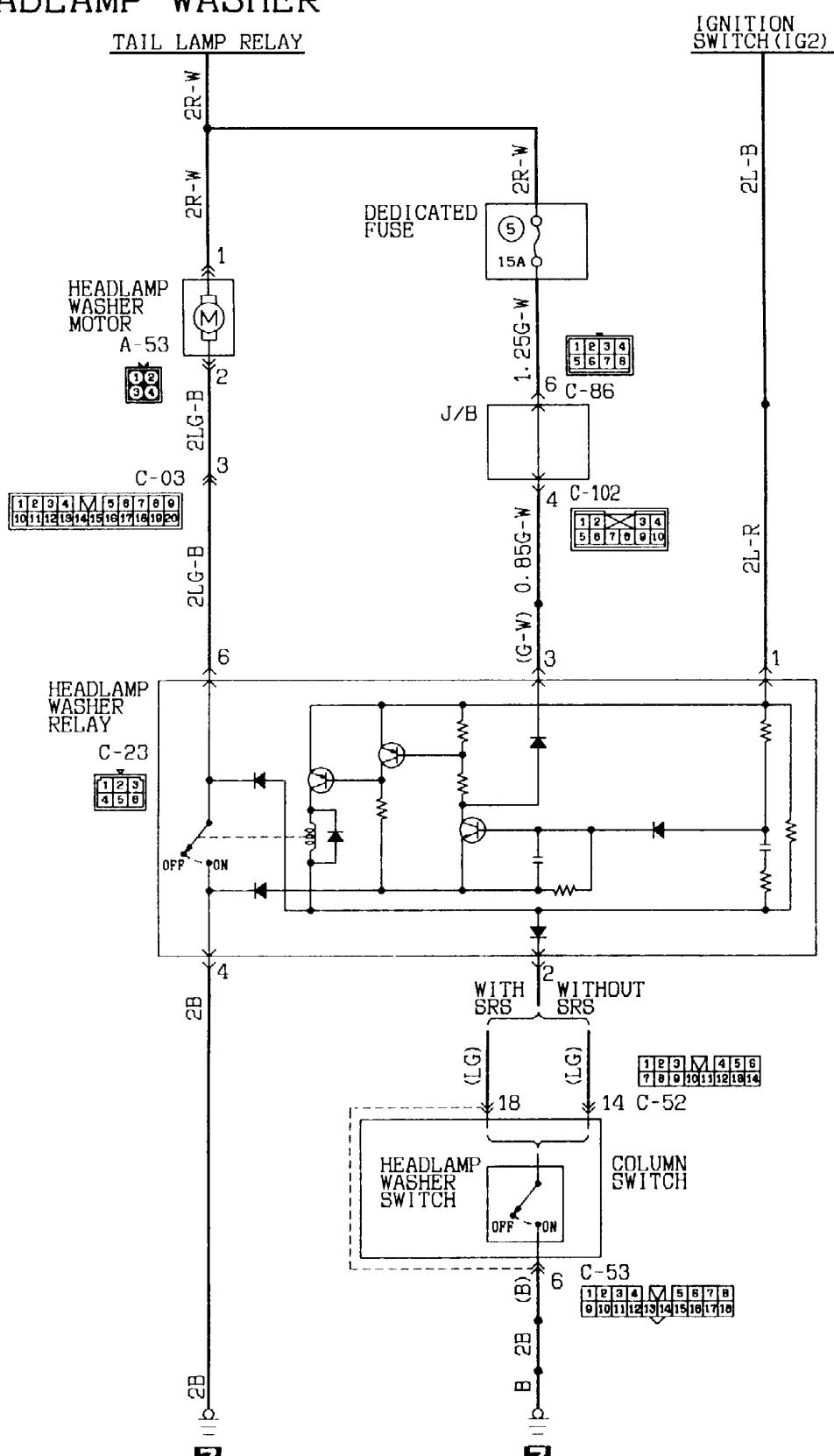




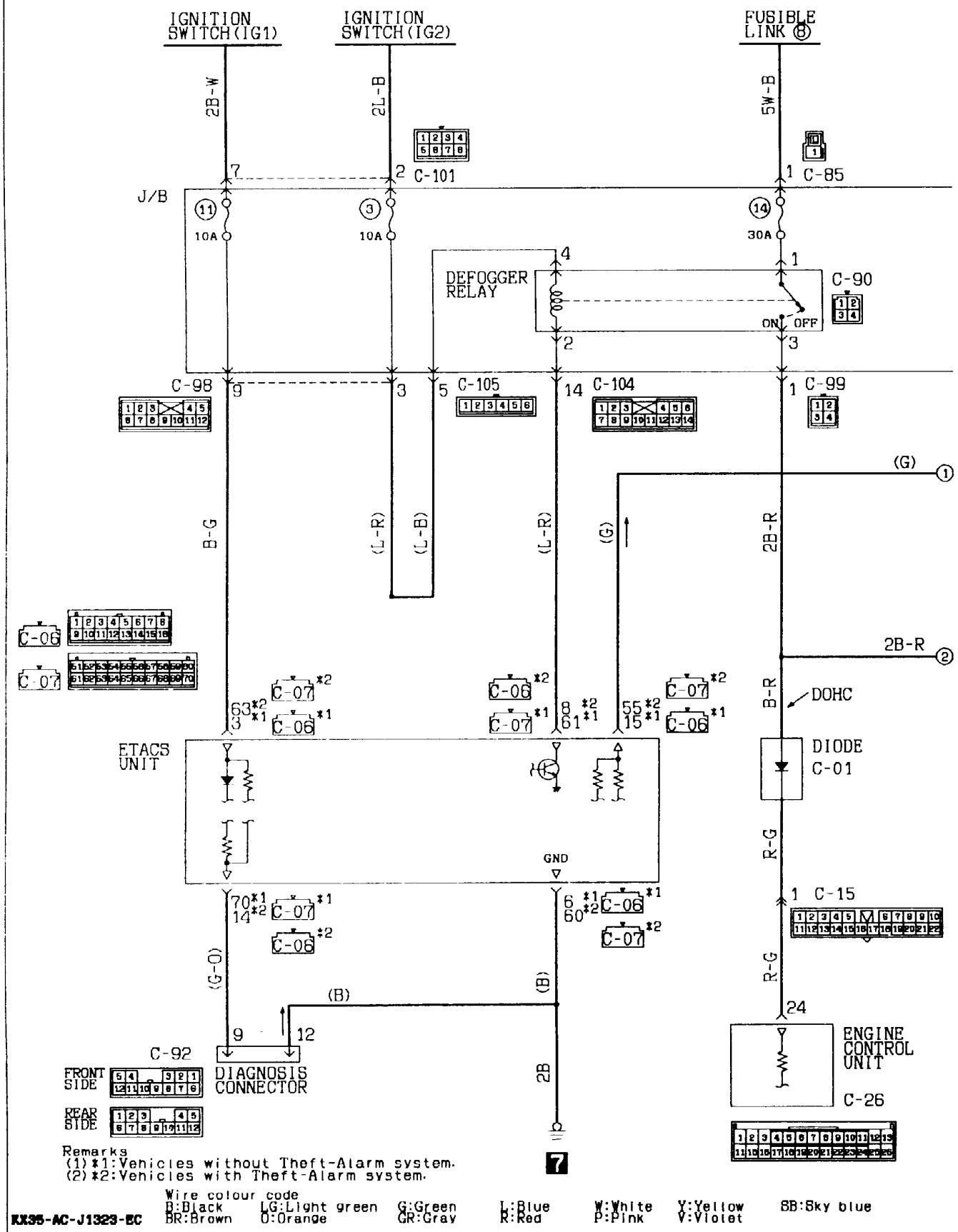
28 REAR WIPER AND WASHER



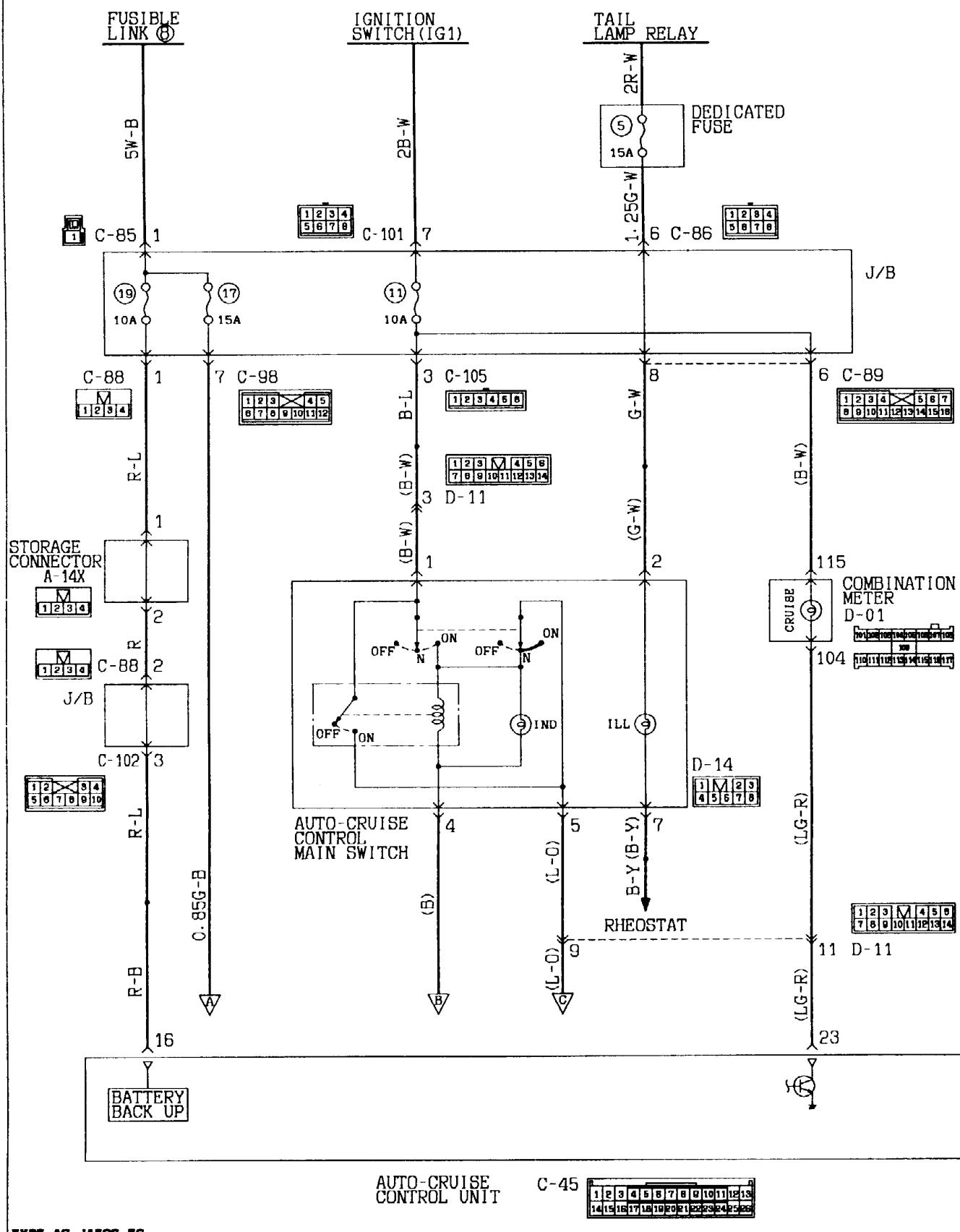
29 HEADLAMP WASHER

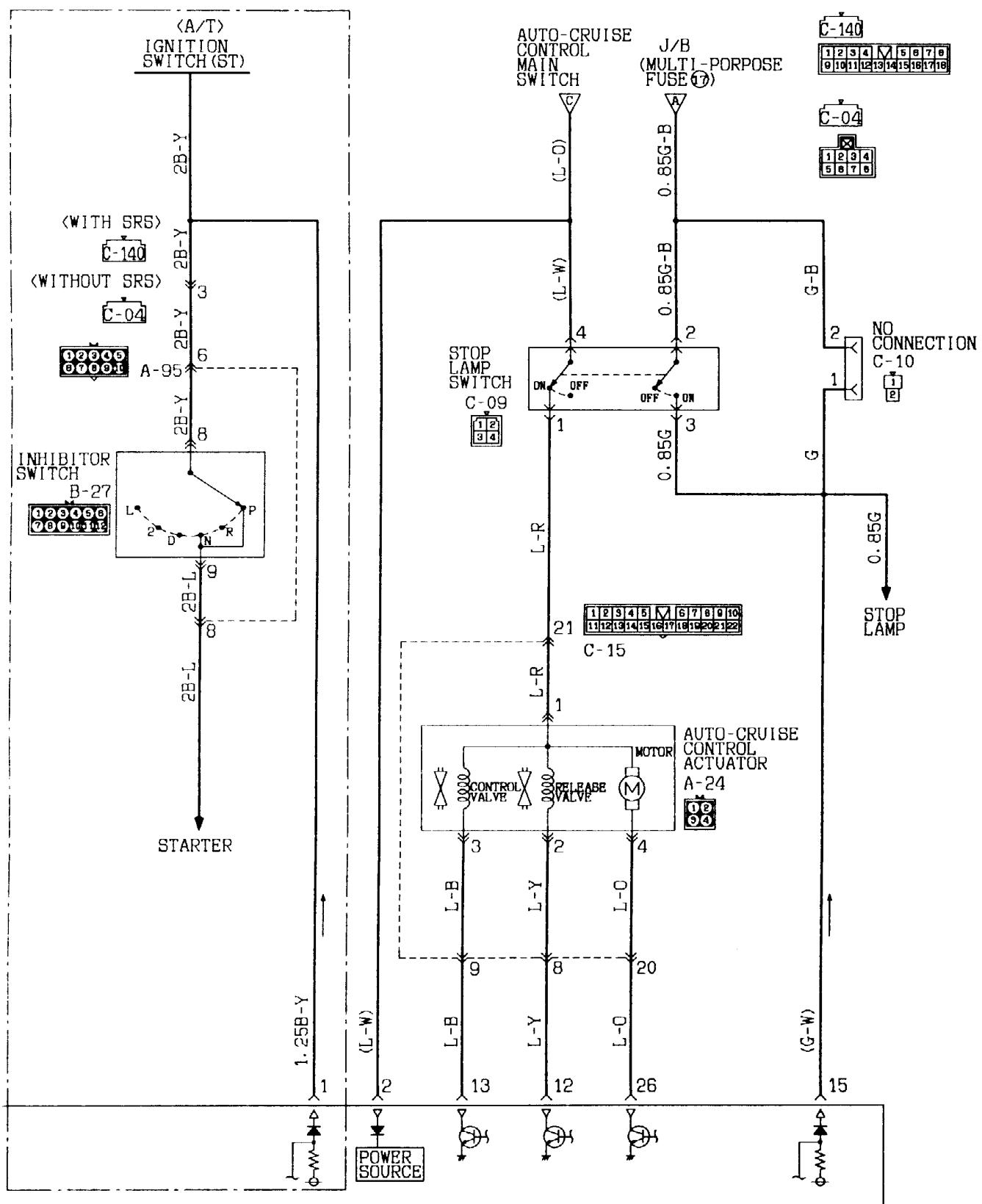


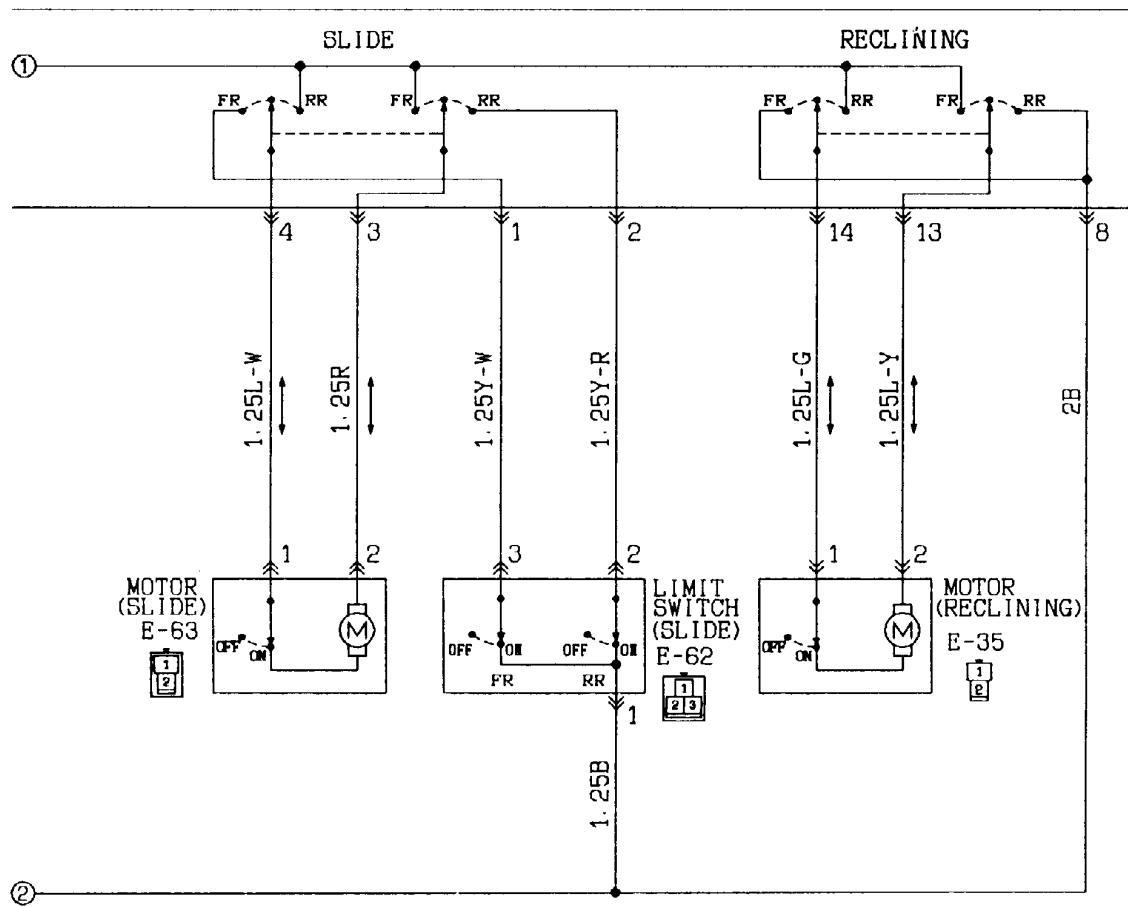
30 DEFOGGER AND DOOR MIRROR HEATER



39 AUTO-CRUISE CONTROL SYSTEM

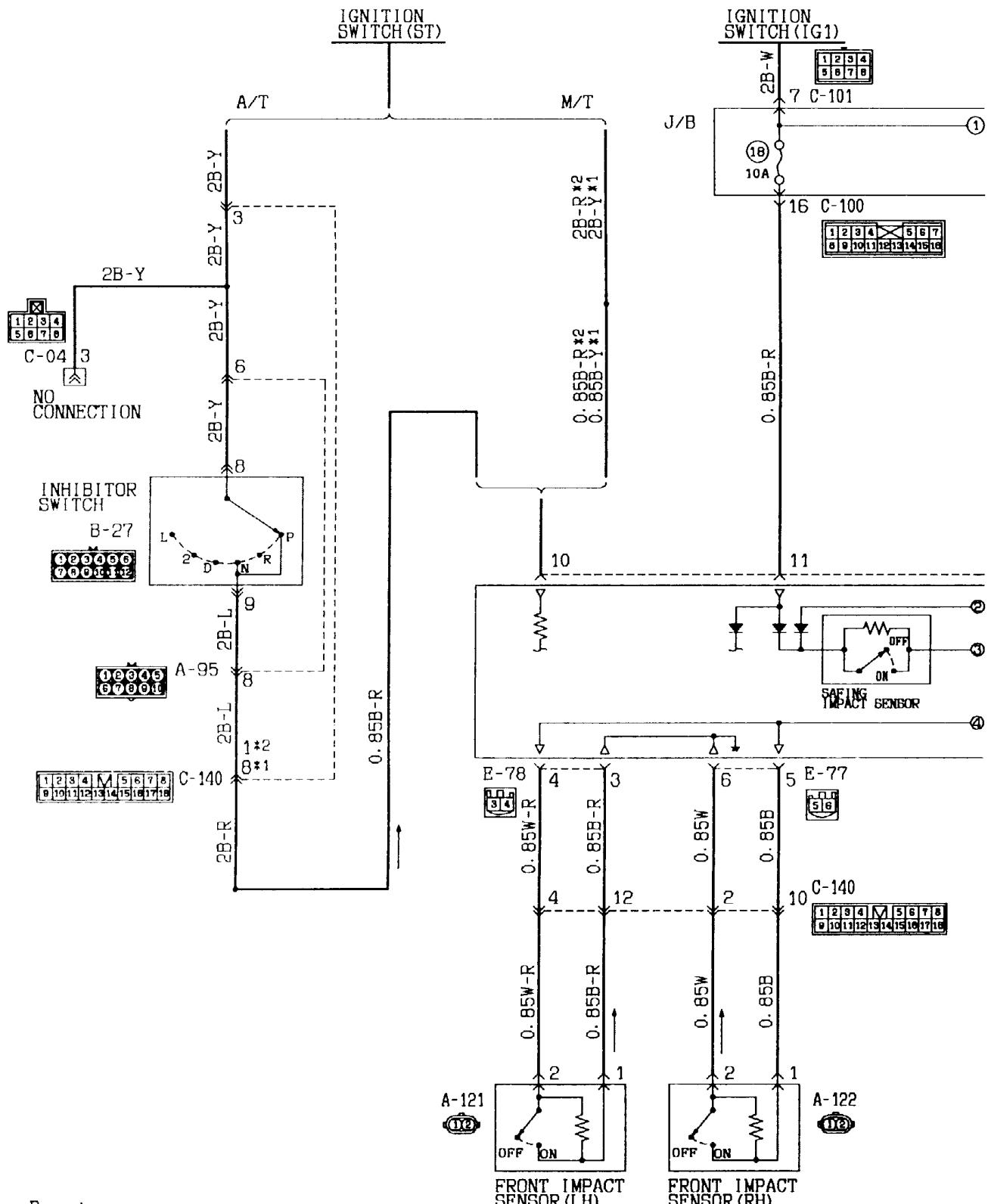






Wire colour code
 B:Black LG:Light green G:Green
 BR:Brown O:Orange GR:Gray L:Blue W:White Y:Yellow
 R:Red P:Pink V:Violet BB:Sky blue

43 SUPPLEMENTAL RESTRAINT SYSTEM (SRS)



Remarks

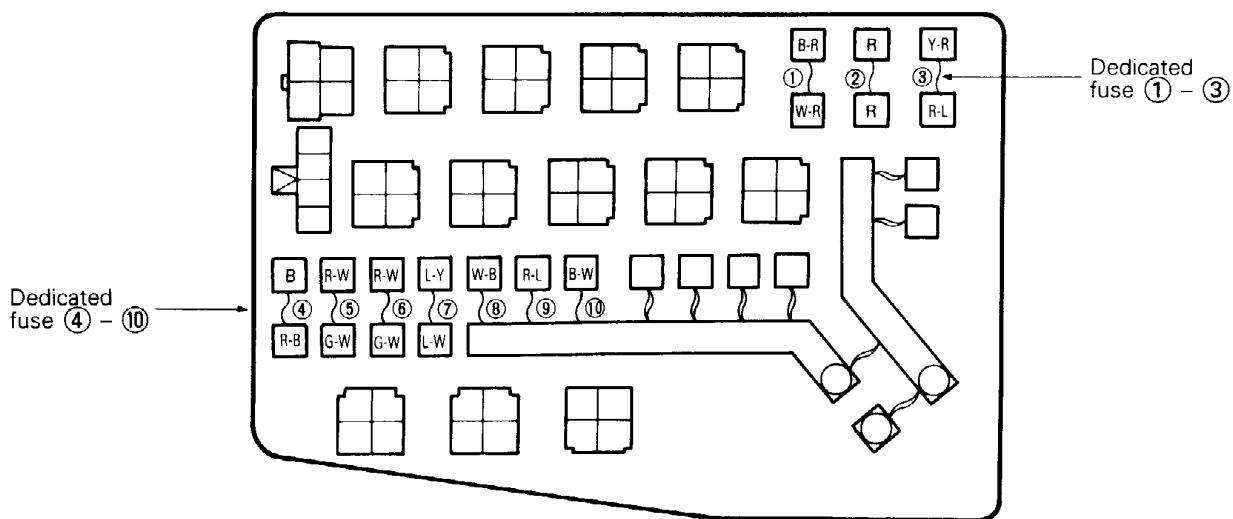
(1)*1: Vehicles without Theft-Alarm system.
 (2)*2: Vehicles with Theft-Alarm system.

Wire colour code

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

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

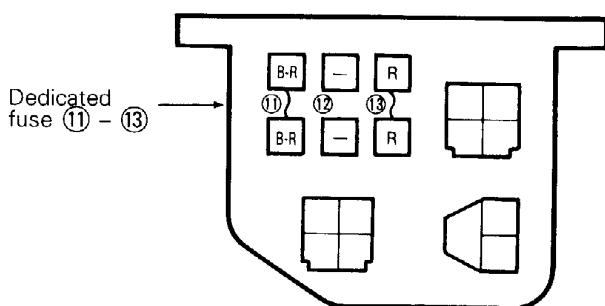
Power supply circuit	No.	Rated capacity (A)	Housing colour	Circuit
Battery	1	10	Red	A/C compressed circuit
	2	15	Blue	ACTIVE-ECS circuit
Headlamp relay (Battery)	3	10	Red	Upper beam indicator, rear fog lamp and headlamp leveling system circuit
Battery	4	15	Blue	Front fog lamp circuit
Tail lamp relay (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

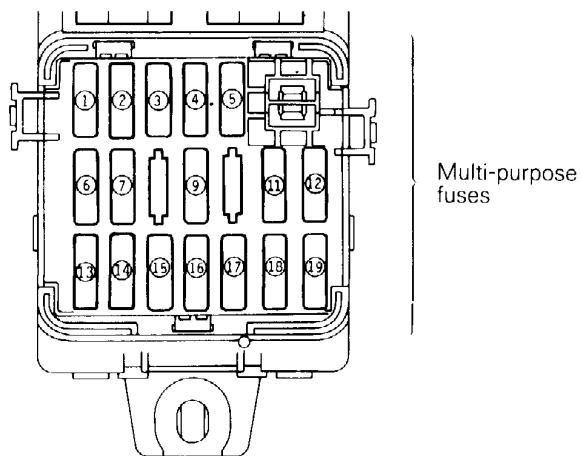
MULTI-PURPOSE FUSE (In junction block)

Power supply circuit	No.	Rated capacity (A)	Load circuit
Battery	1	10	Horn, horn relay
Ignition switch	IG2	10	ABS control unit, ABS valve relay, ACTIVE-ECS relay and EPS control unit
	IG2	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 (l), defogger relay and power seat control unit
	ACC	10	Auto-cruise control unit, clock, radio, motor antenna and ETACS unit
	ACC	15	Accessory socket, cigarette lighter
Battery	6	15	Motor antenna
Ignition switch	IG2	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	20	Door control unit, rear wiper, rear washer, windshield wiper and windshield washer
—	10	—	—

CIRCUIT DIAGRAM – Centralized Junction

4-623

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

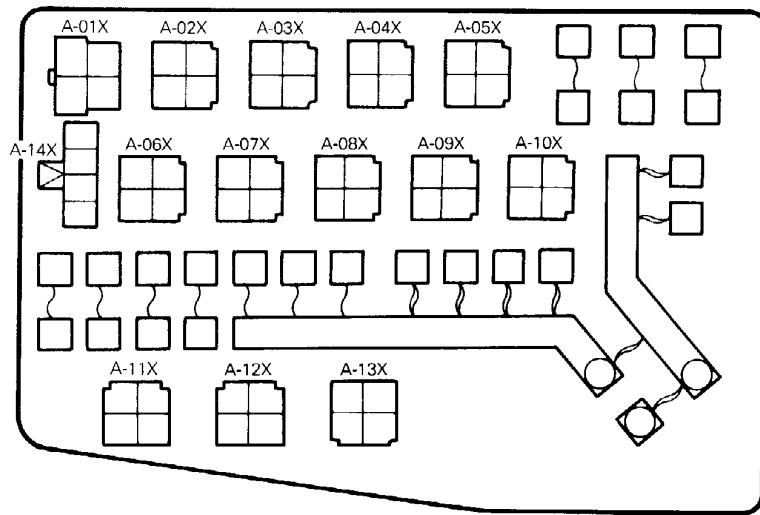


36N0356

CENTRALIZED RELAY

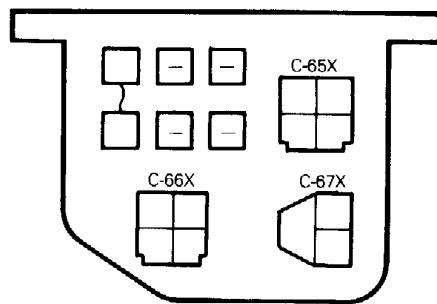
Classification	Name	Classification	Name
Relay box in engine compartment	A-01X Alternator relay	Relay box in engine compartment	A-09X Condenser fan motor relay (LO)
	A-02X Headlamp relay		A-10X Condenser fan motor relay (HI)
	A-03X Tail lamp relay		A-11X ACTIVE-ECS relay
	A-04X Front fog lamp relay		A-12X 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)		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>



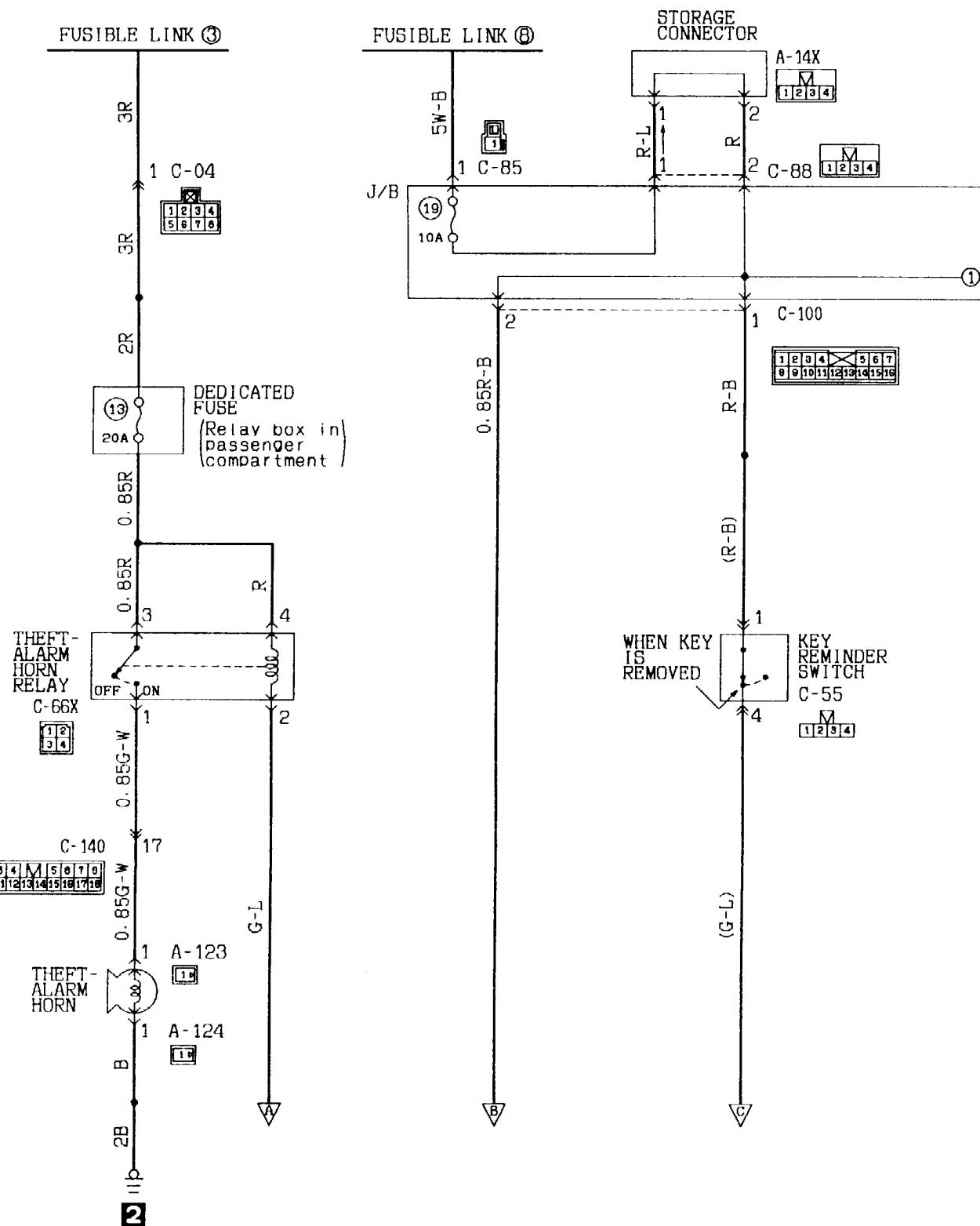
16N0763

<Relay box in passenger compartment>



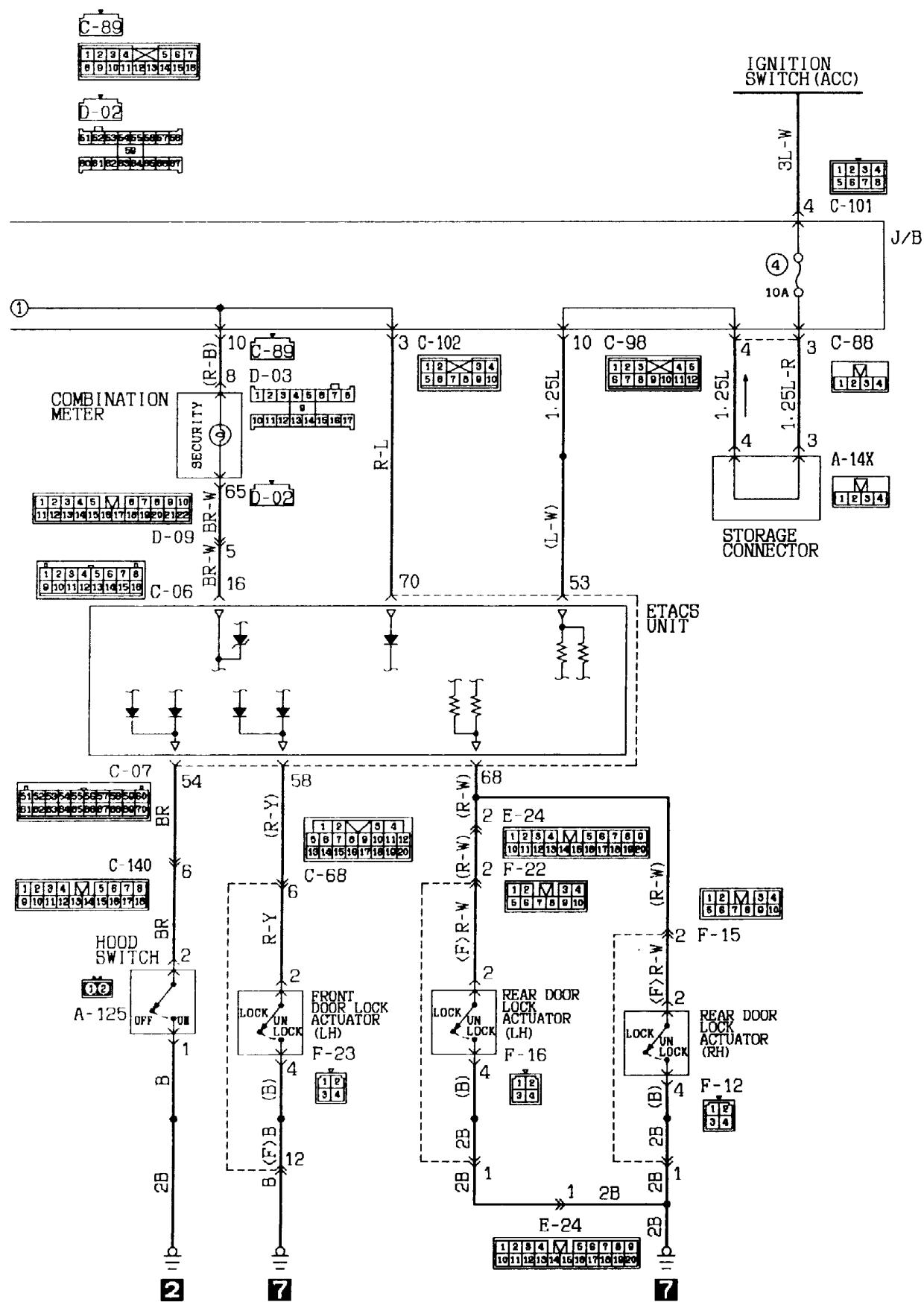
16N0231

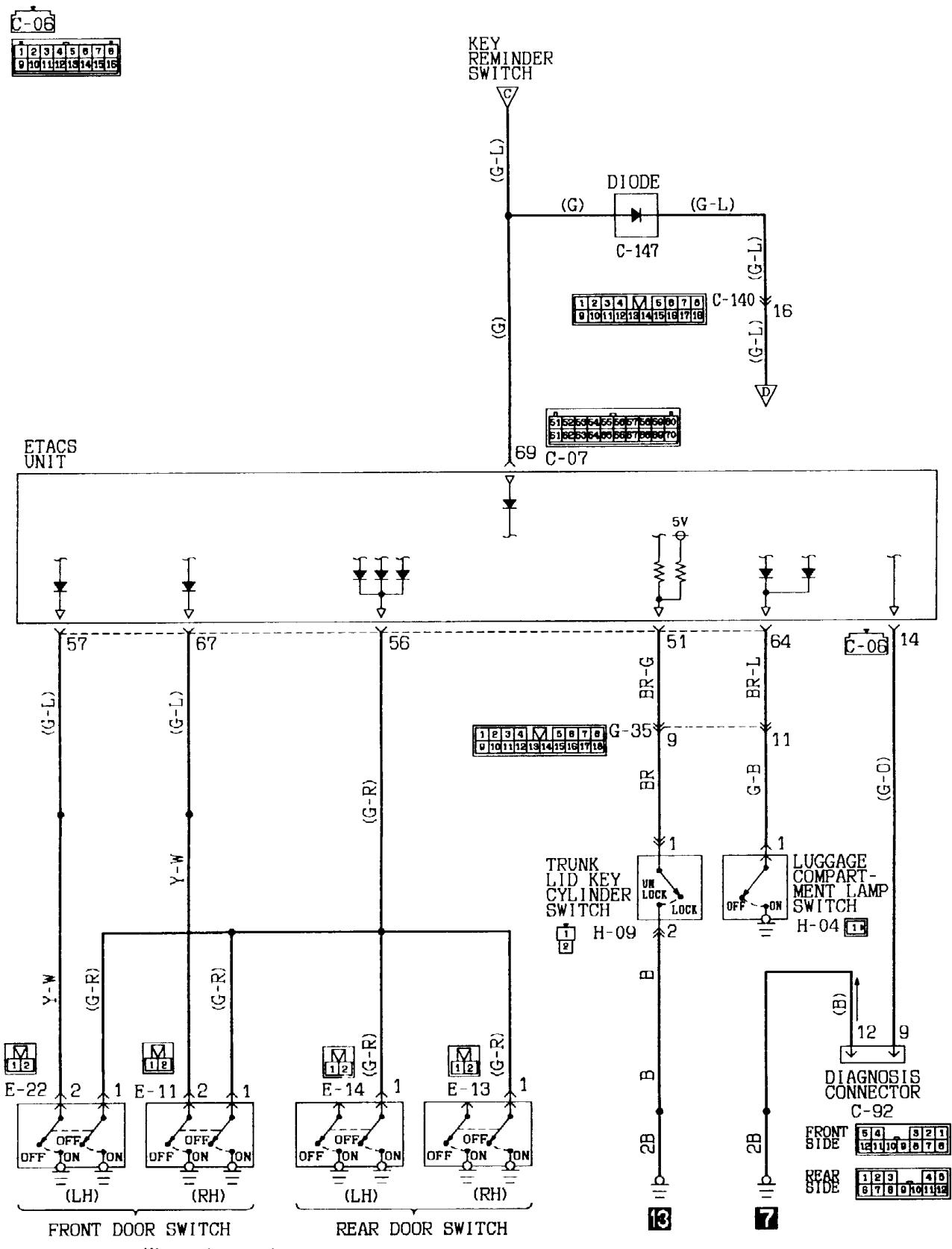
46 THEFT-ALARM SYSTEM



Wire colour code

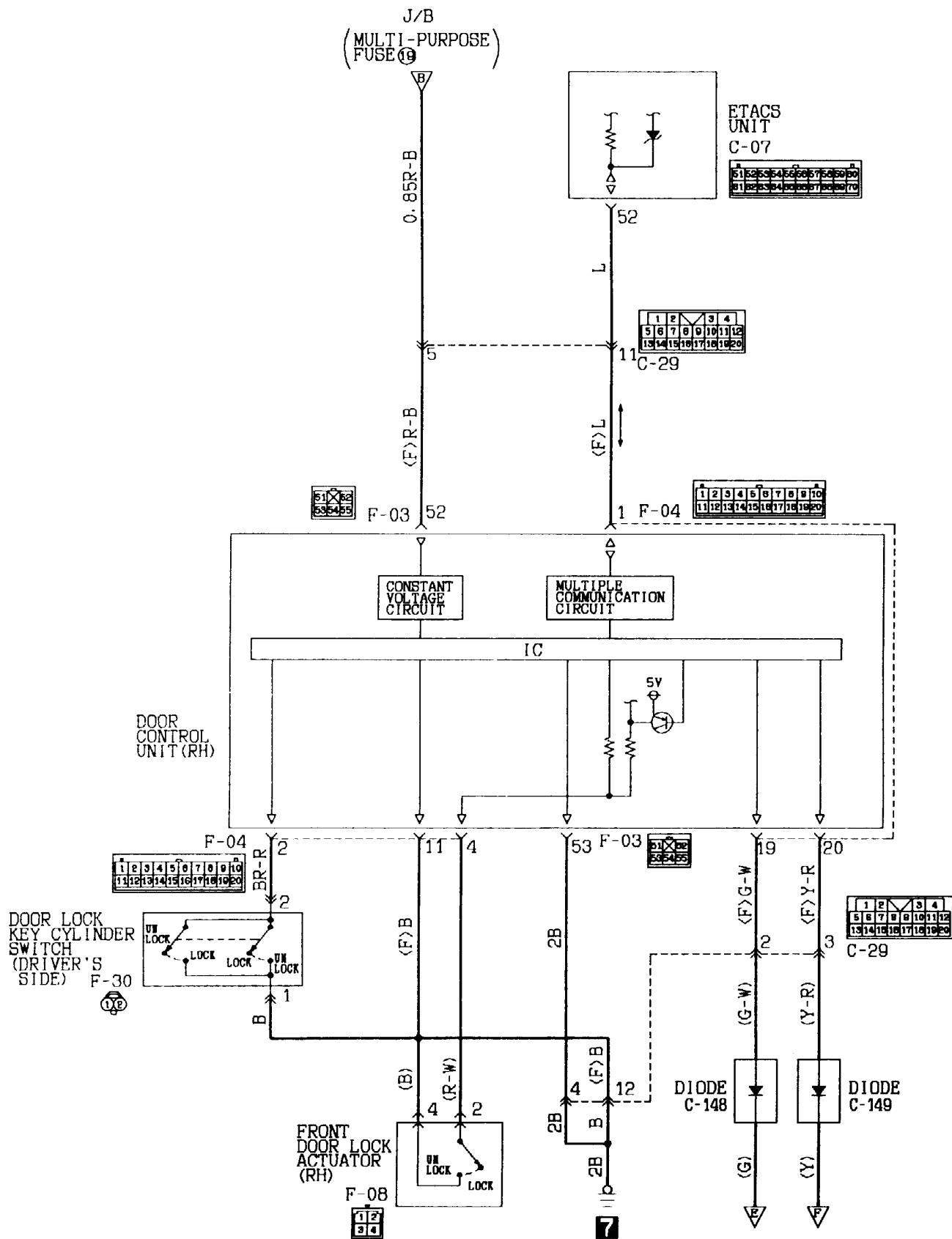
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	P:Pink	V:Violet		





KX95-AC-J1534A-BC

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



CIRCUIT DIAGRAM – Theft-Alarm System

4-629

