

4 CIRCUIT DIAGRAM

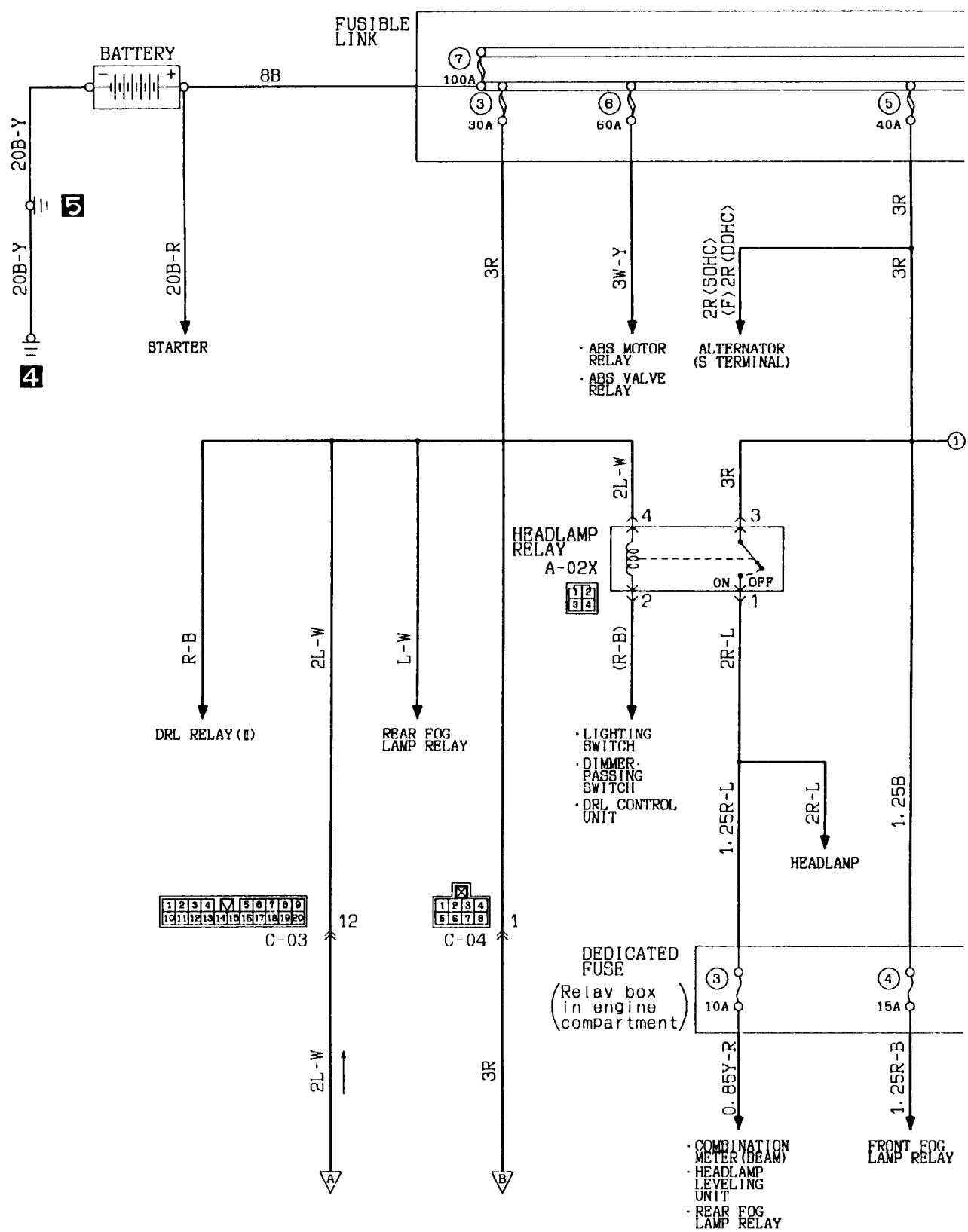
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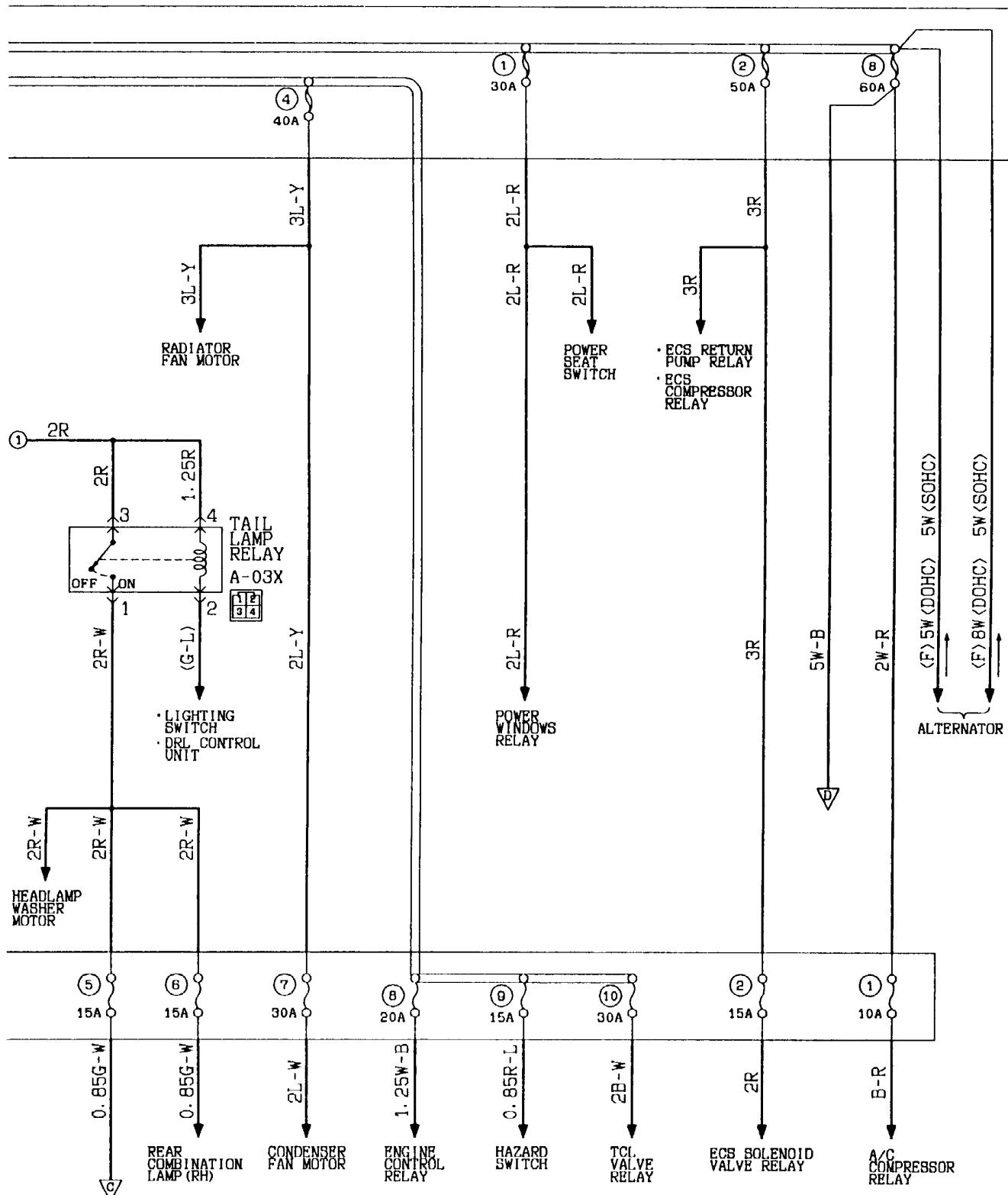
NOTES

1 POWER DISTRIBUTION CIRCUIT

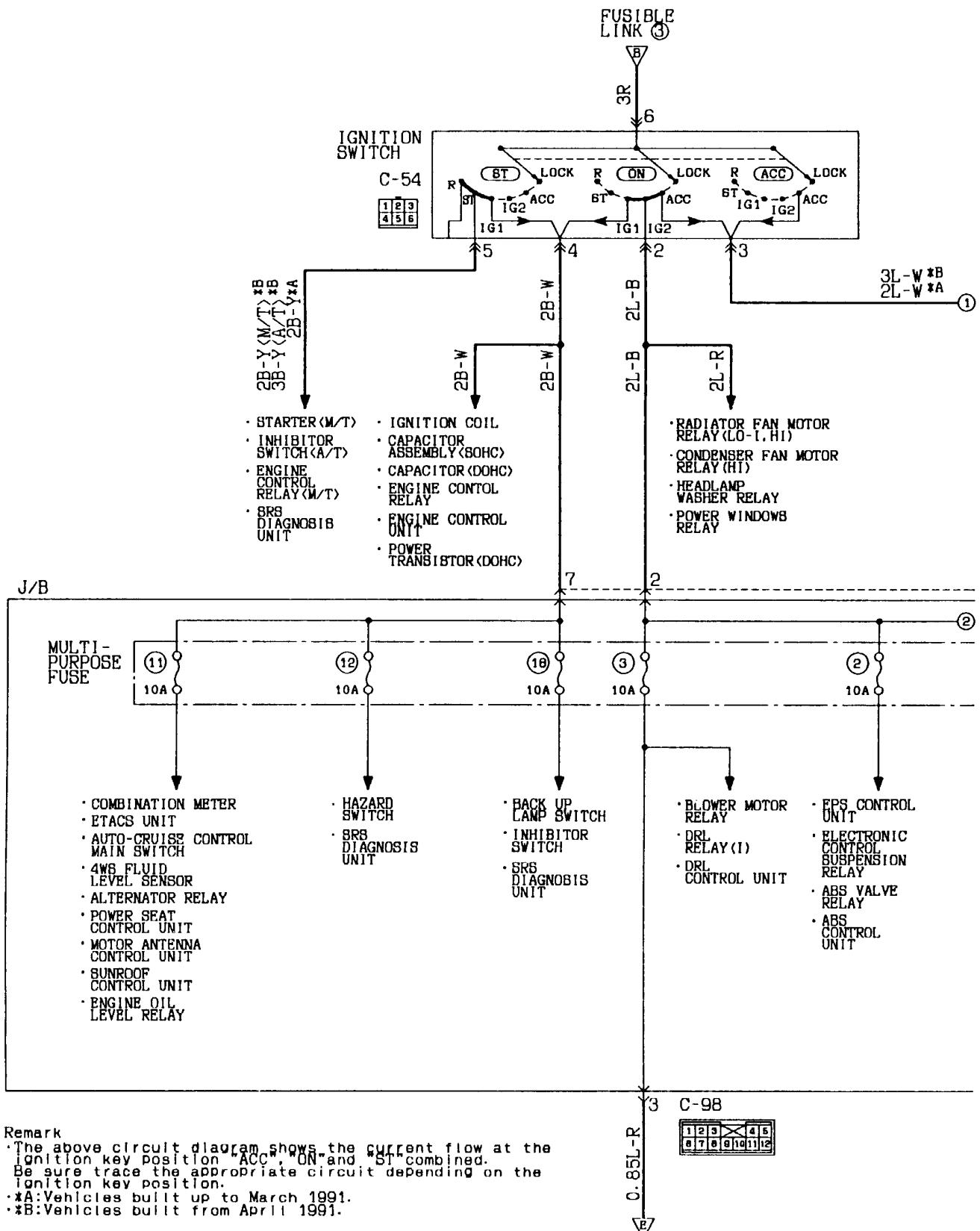
1-1 L. H. drive vehicles

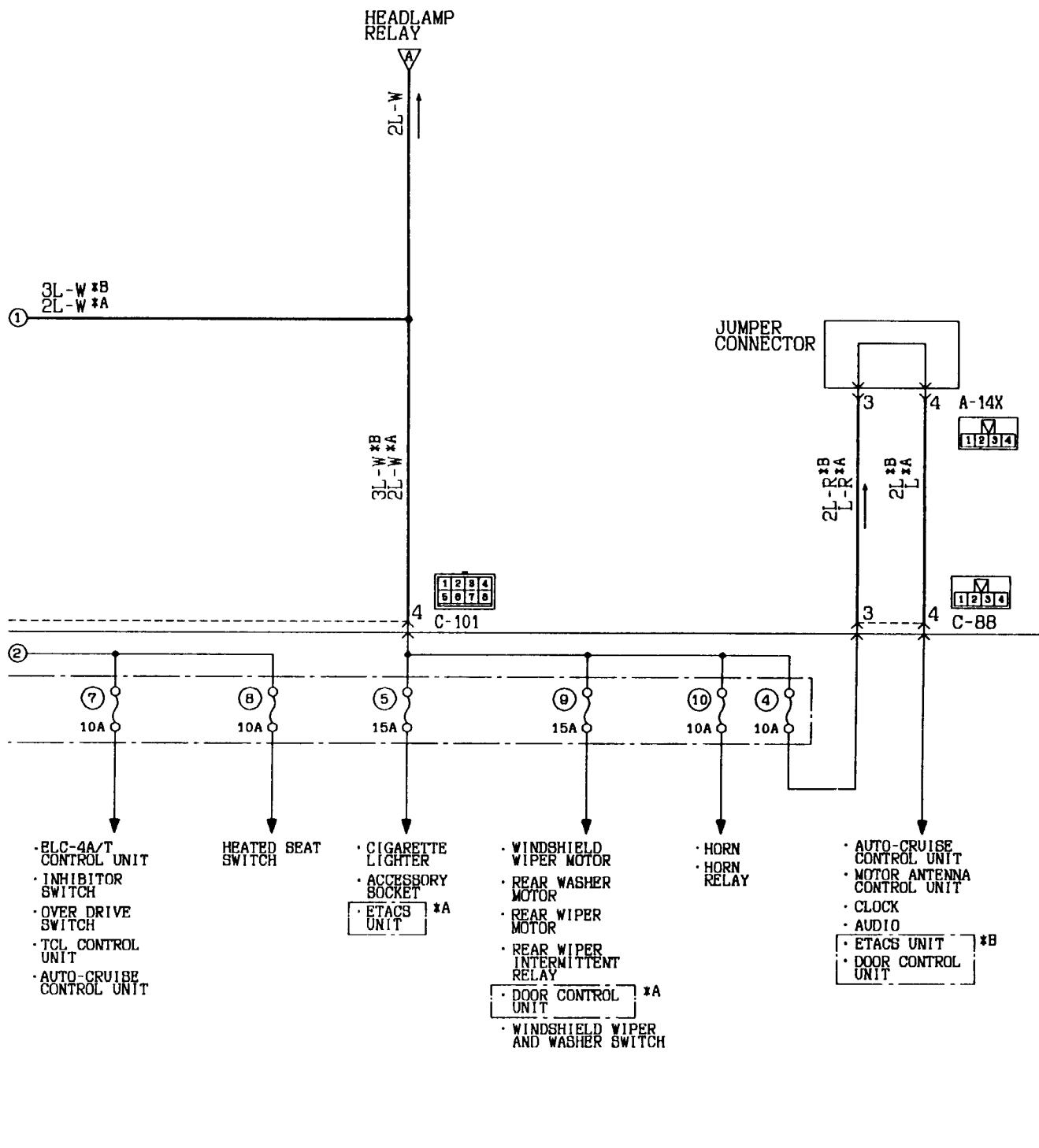


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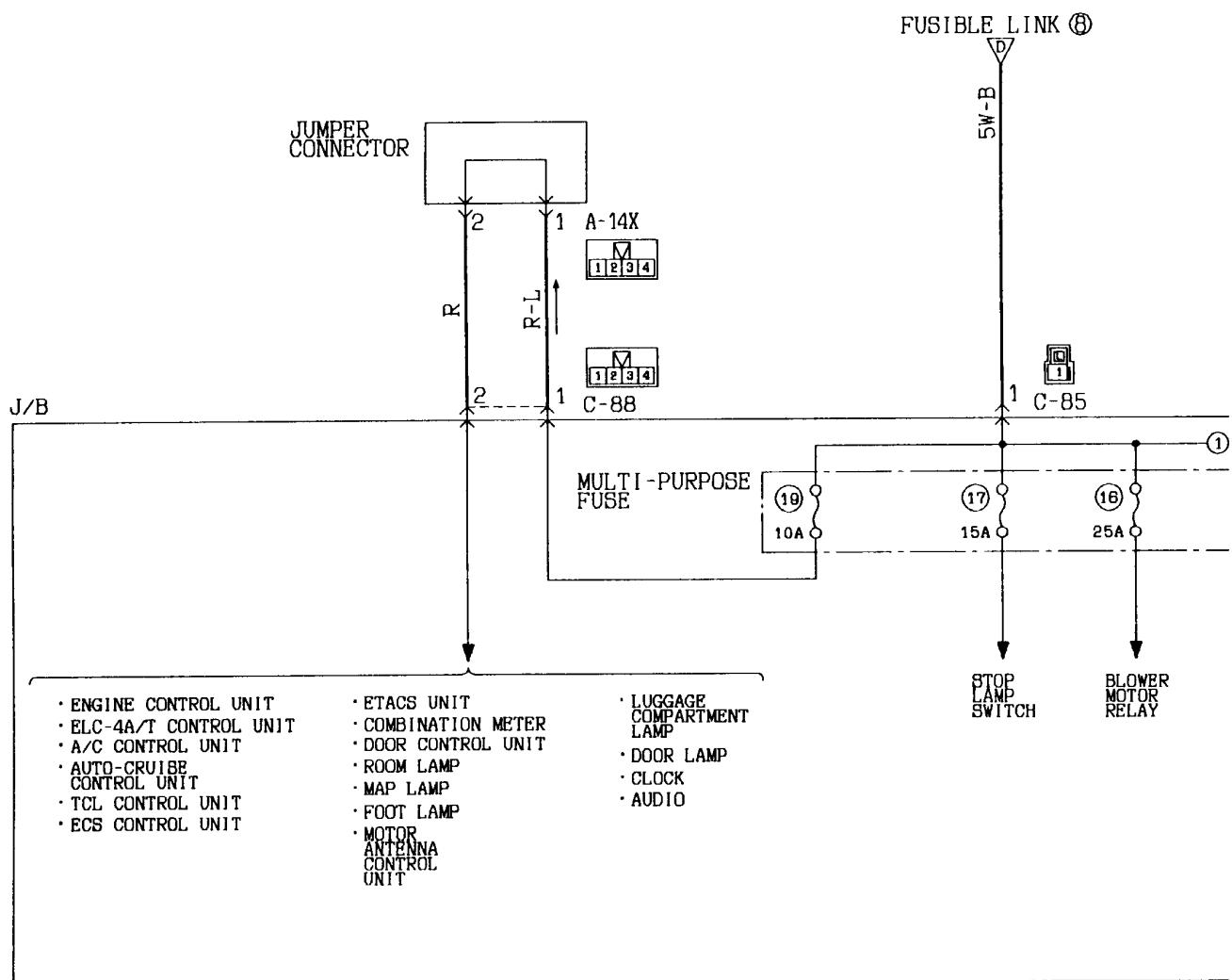


Wire colour code
 B:Black LG:Light green G:Green R:Blue
 BR:Brown O:Orange GR:Gray W:White Y:Yellow
 P:Pink V:Violet SB:Sky blue

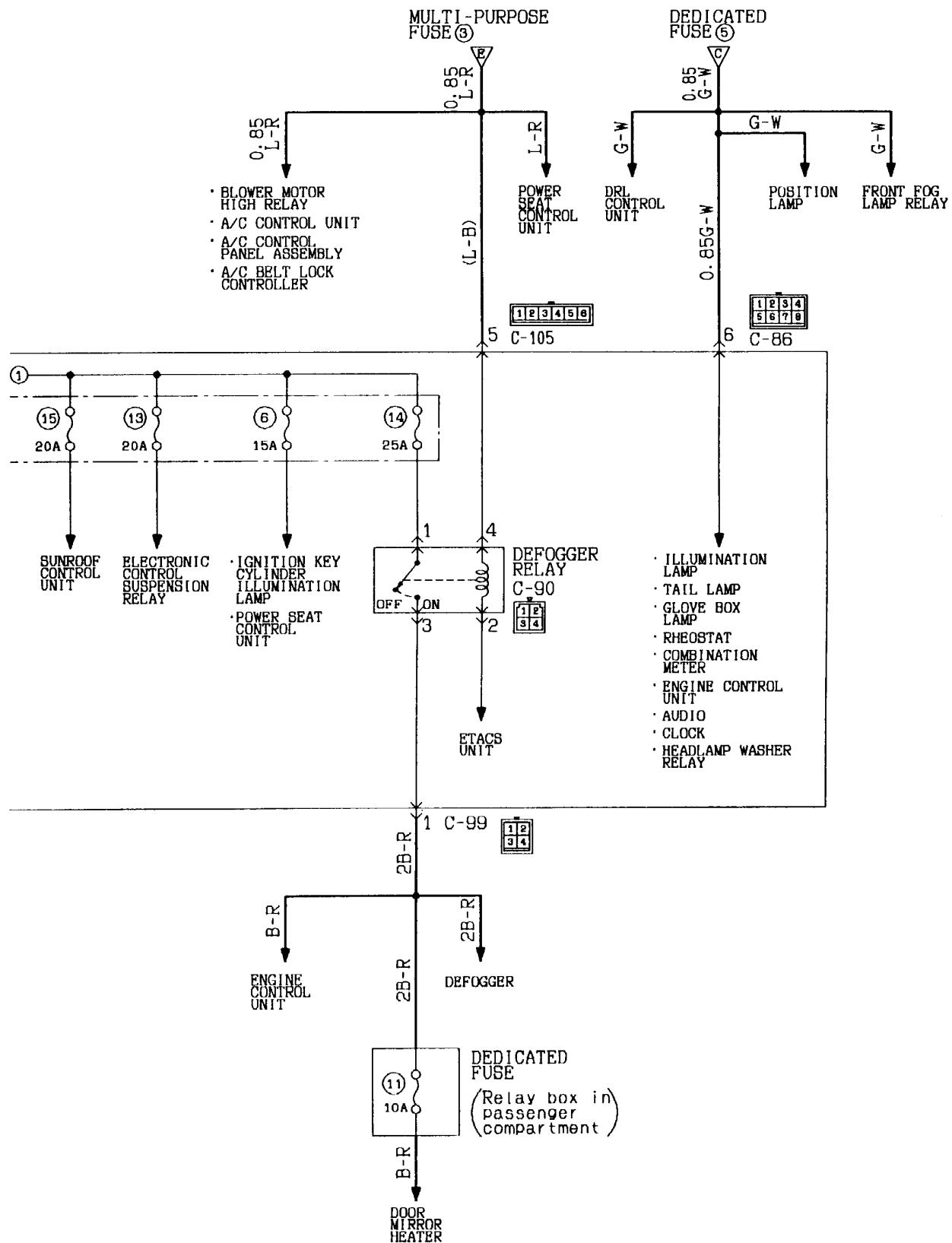




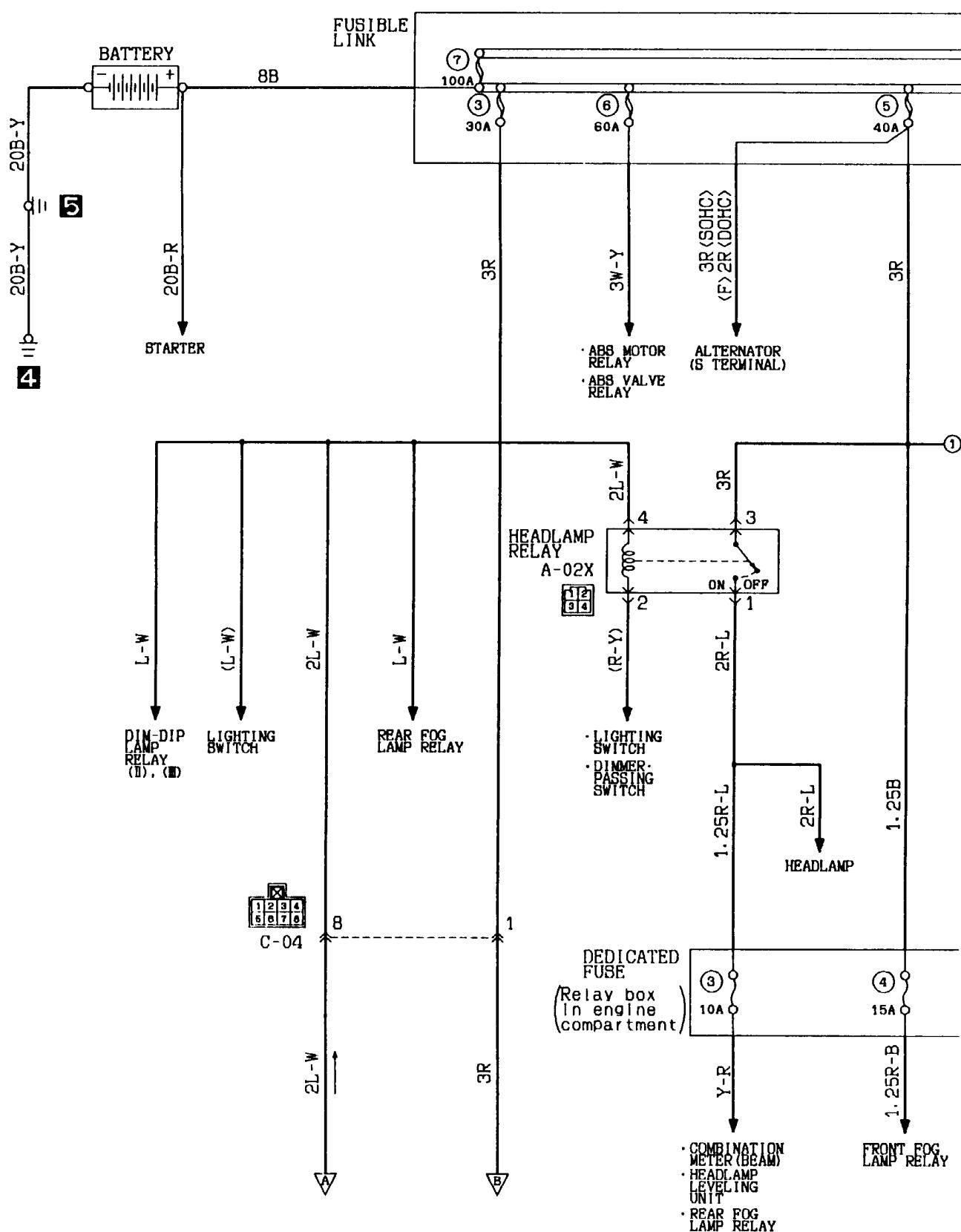
Wire colour code
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 P:Pink V:Violet

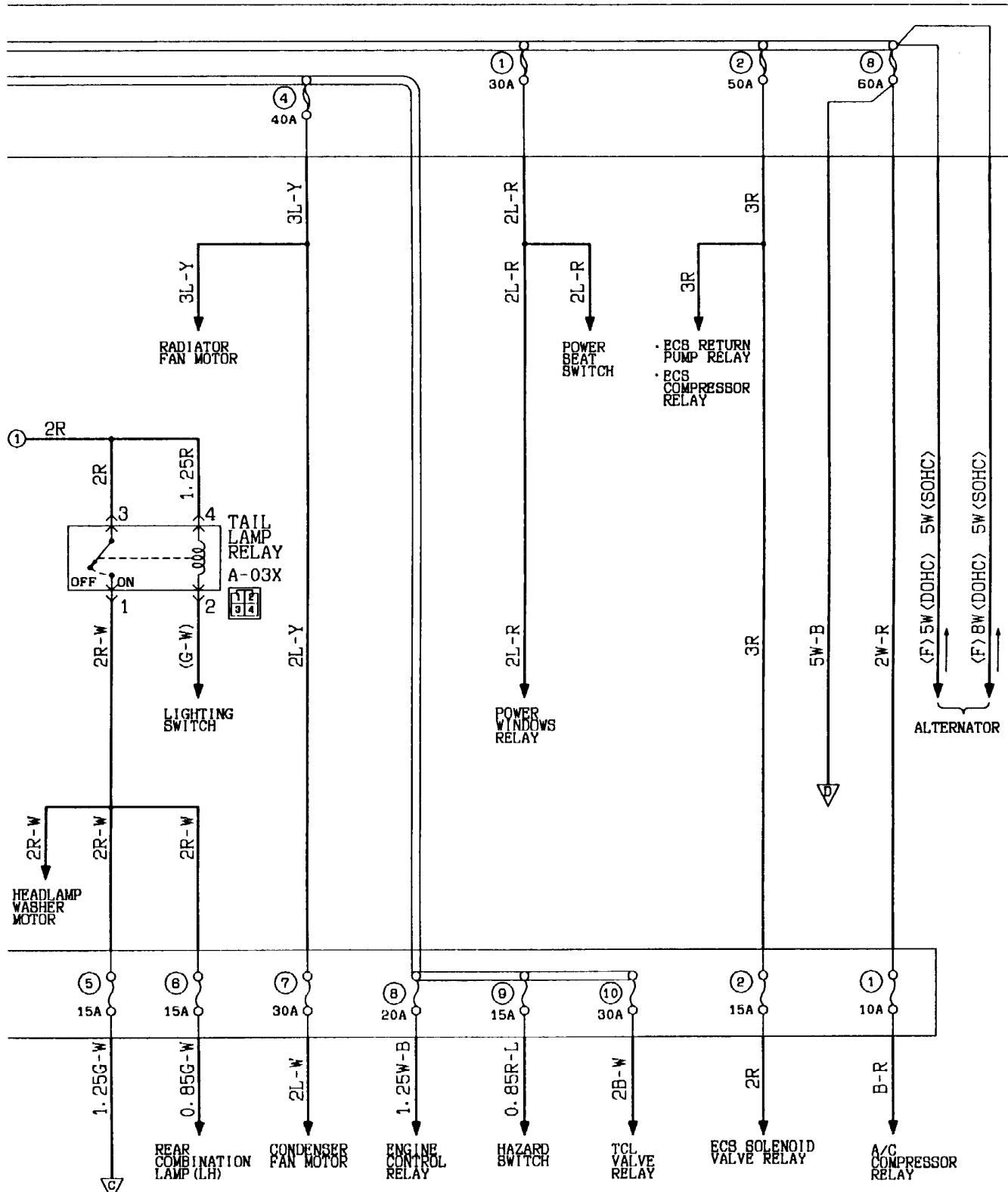


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 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

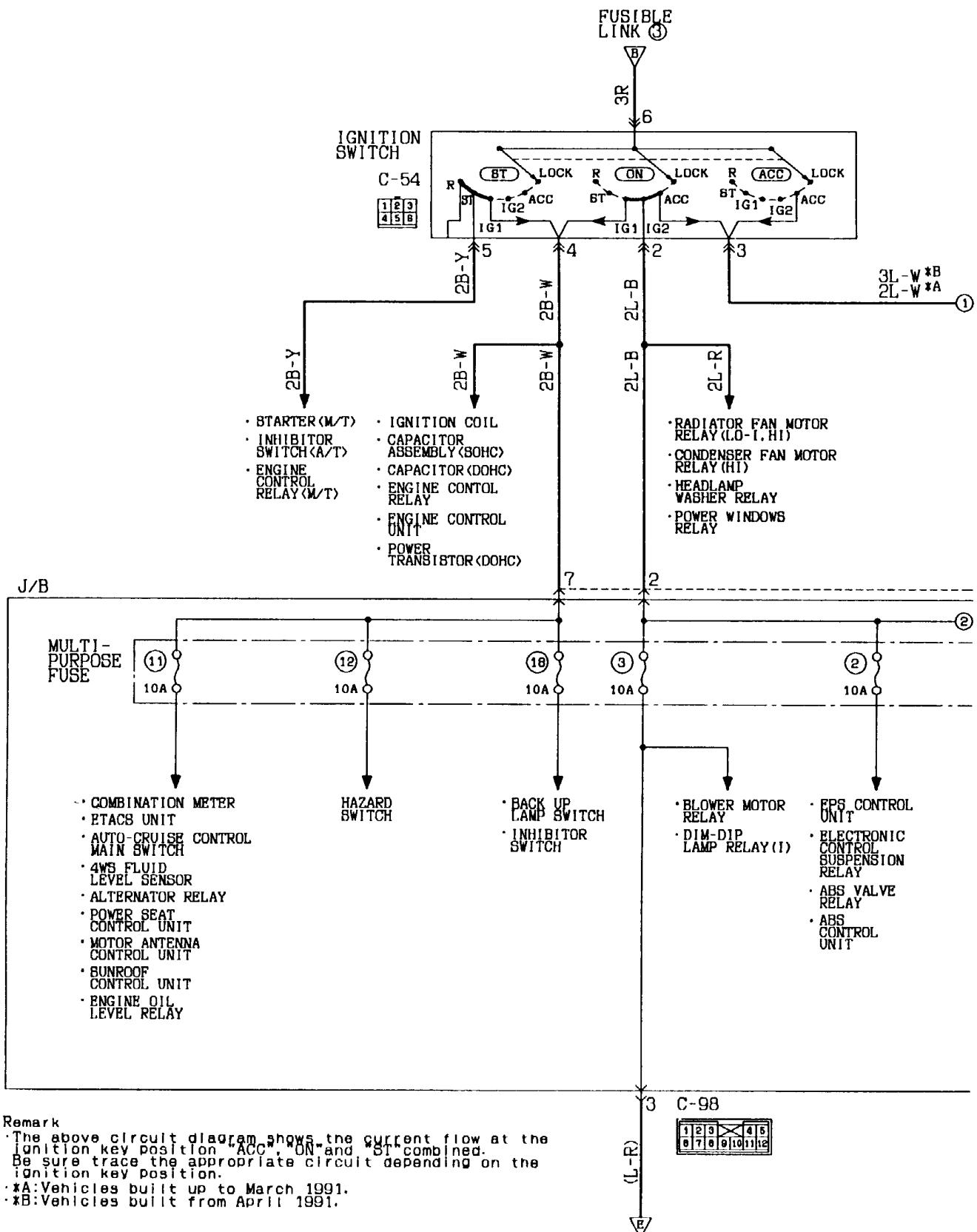


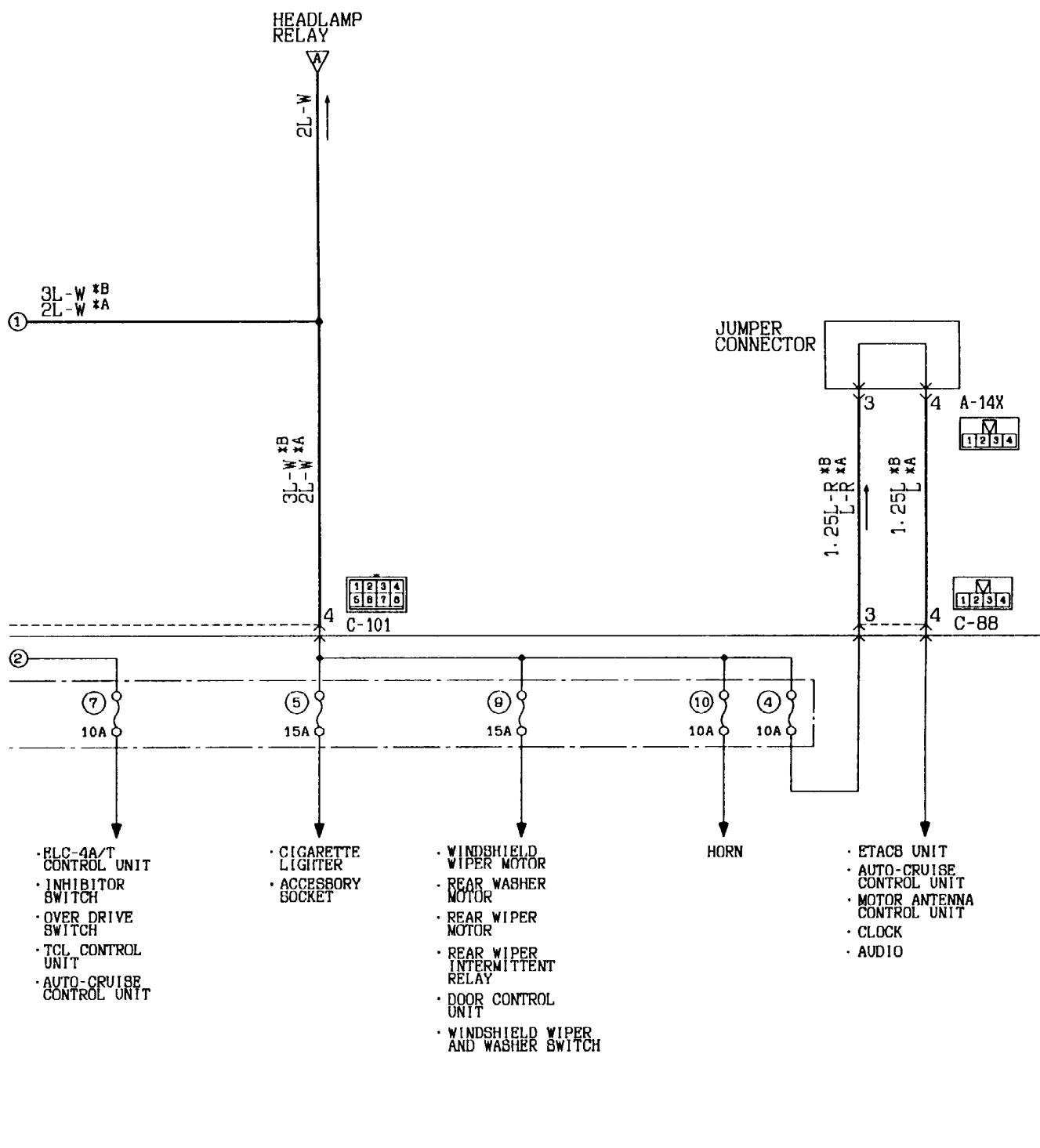
1-2 R. H. drive vehicles



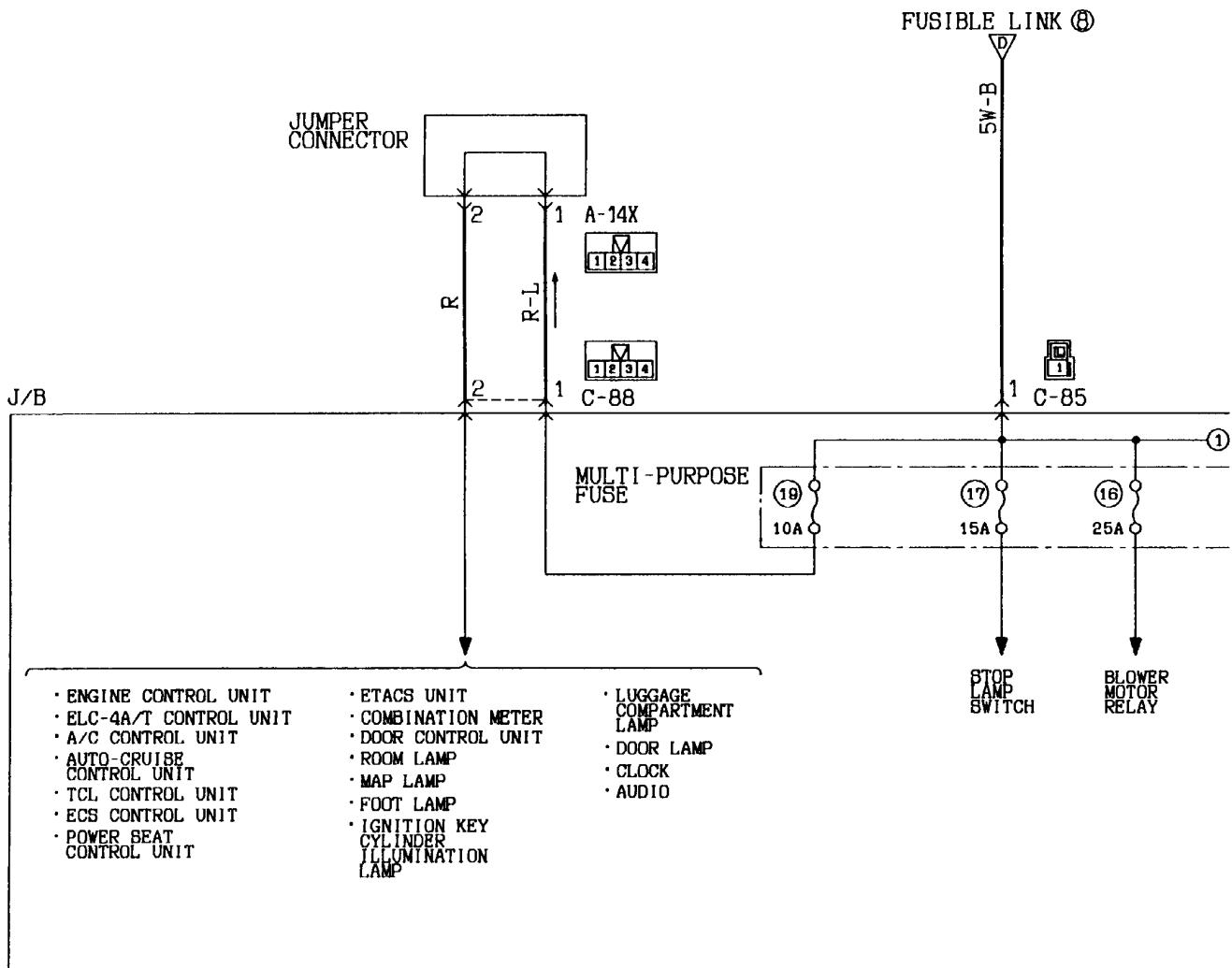


Wire colour code
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 R:Red W:White Y:Yellow
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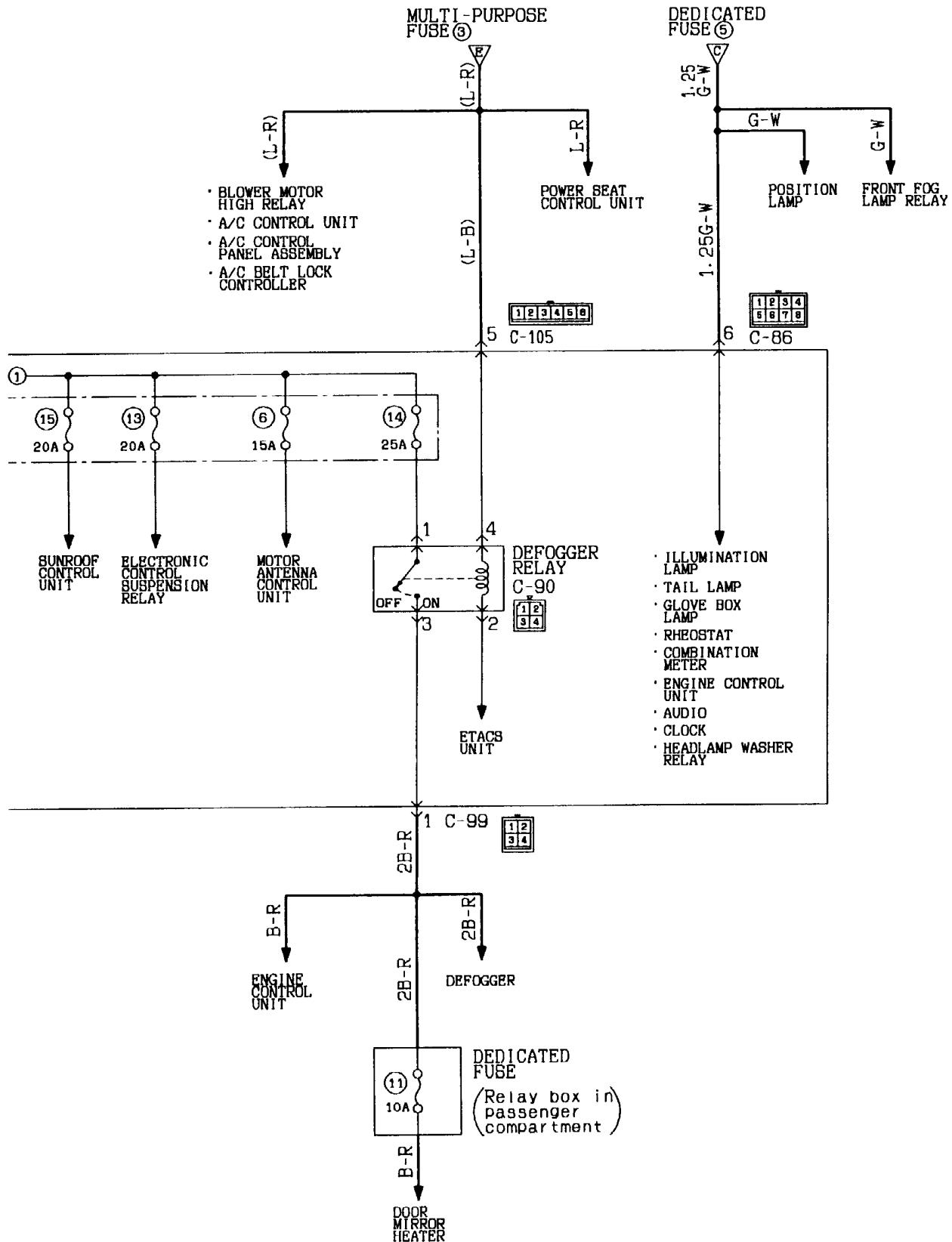




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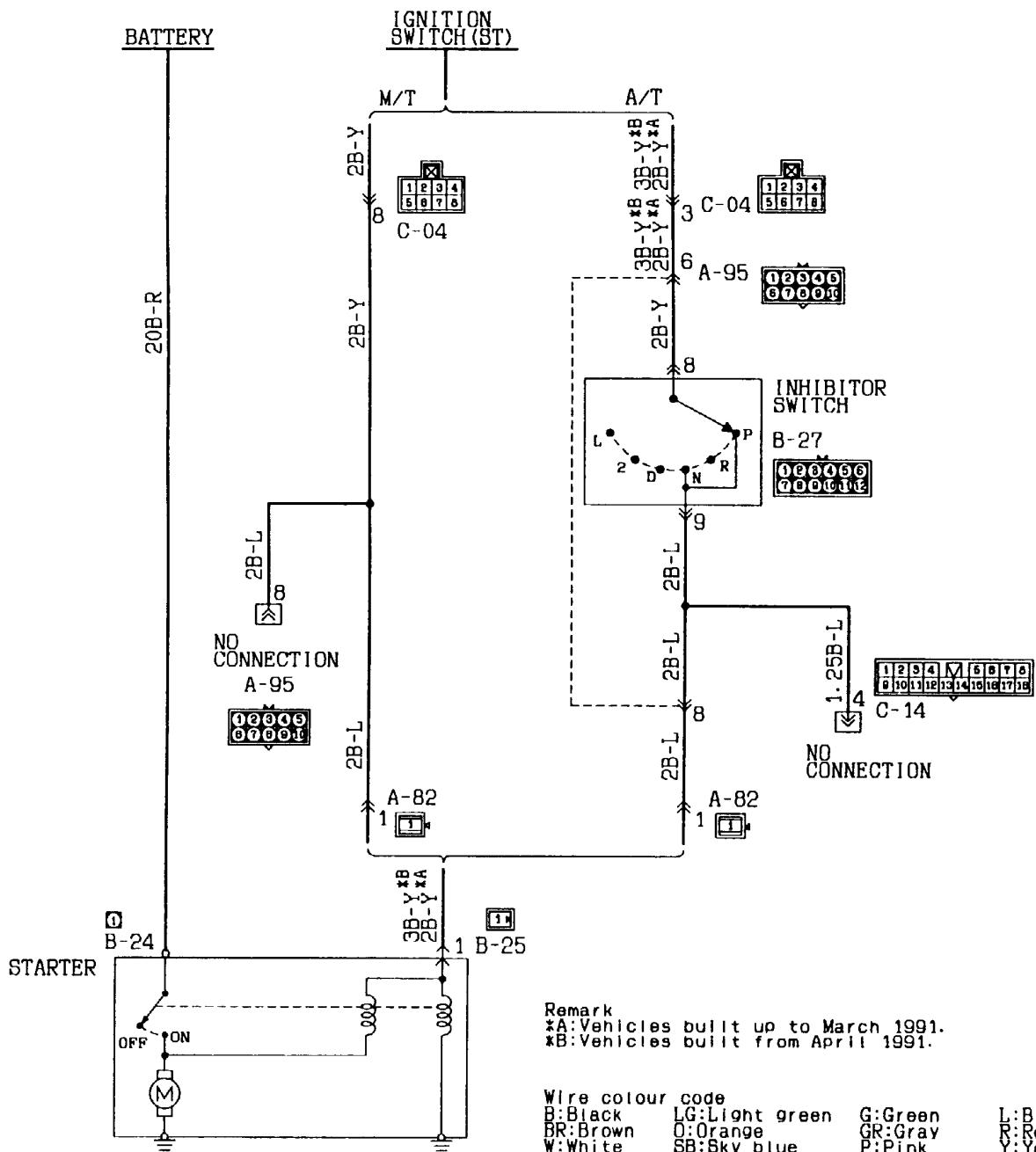


Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow BB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



2 STARTING CIRCUIT

2-1 L. H. drive vehicles



KX35-AC-J0201-EC

STARTING CIRCUIT (See P. 4-16, 17.)

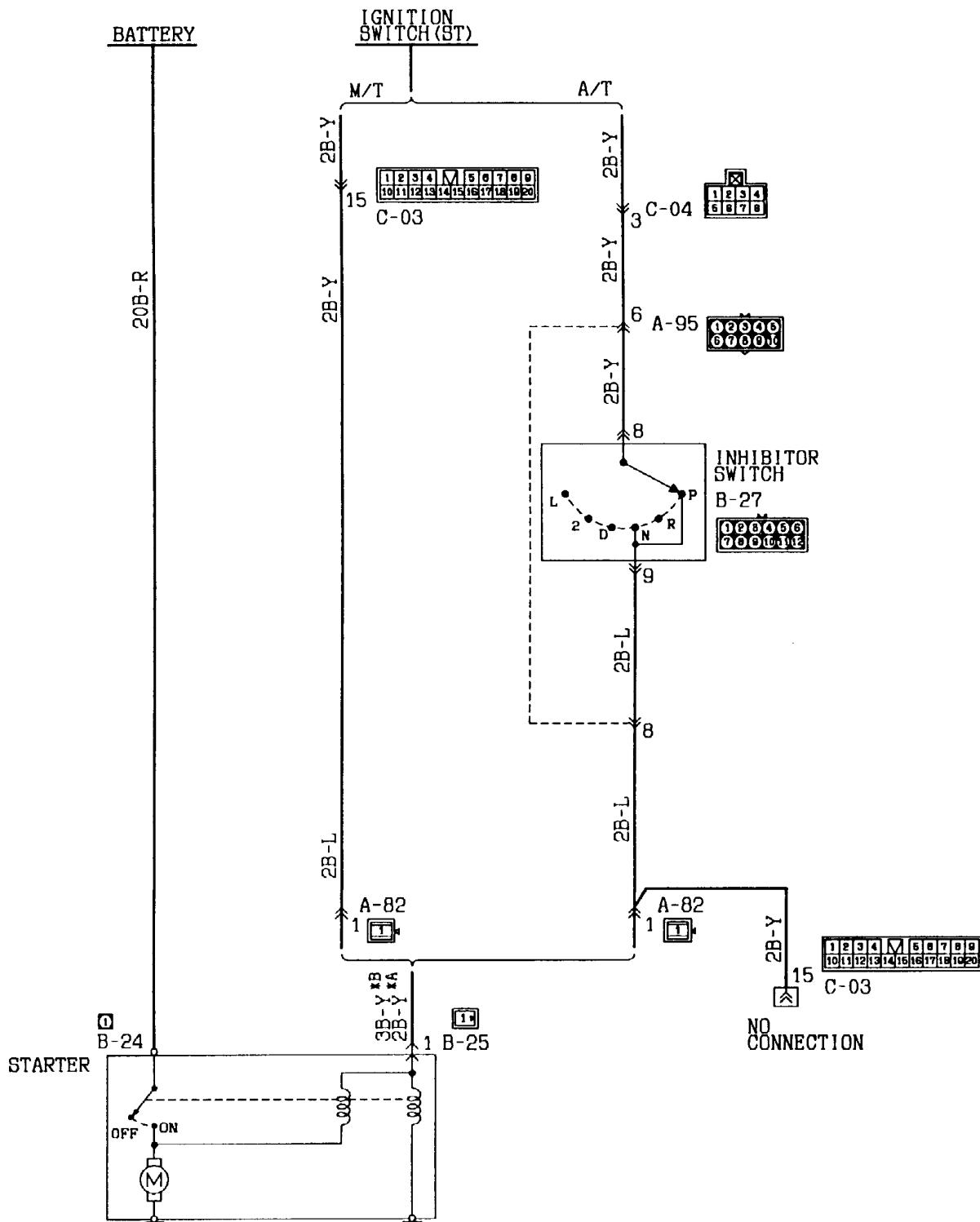
OPERATION

- 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

- Starter motor does not turn over at all.
 - Check starter (coil).
 - Check battery terminals for proper contact.
 - Check the inhibitor switch. <AT>
- Starter motor does not stop rotating.
 - Check starter (magnet switch).

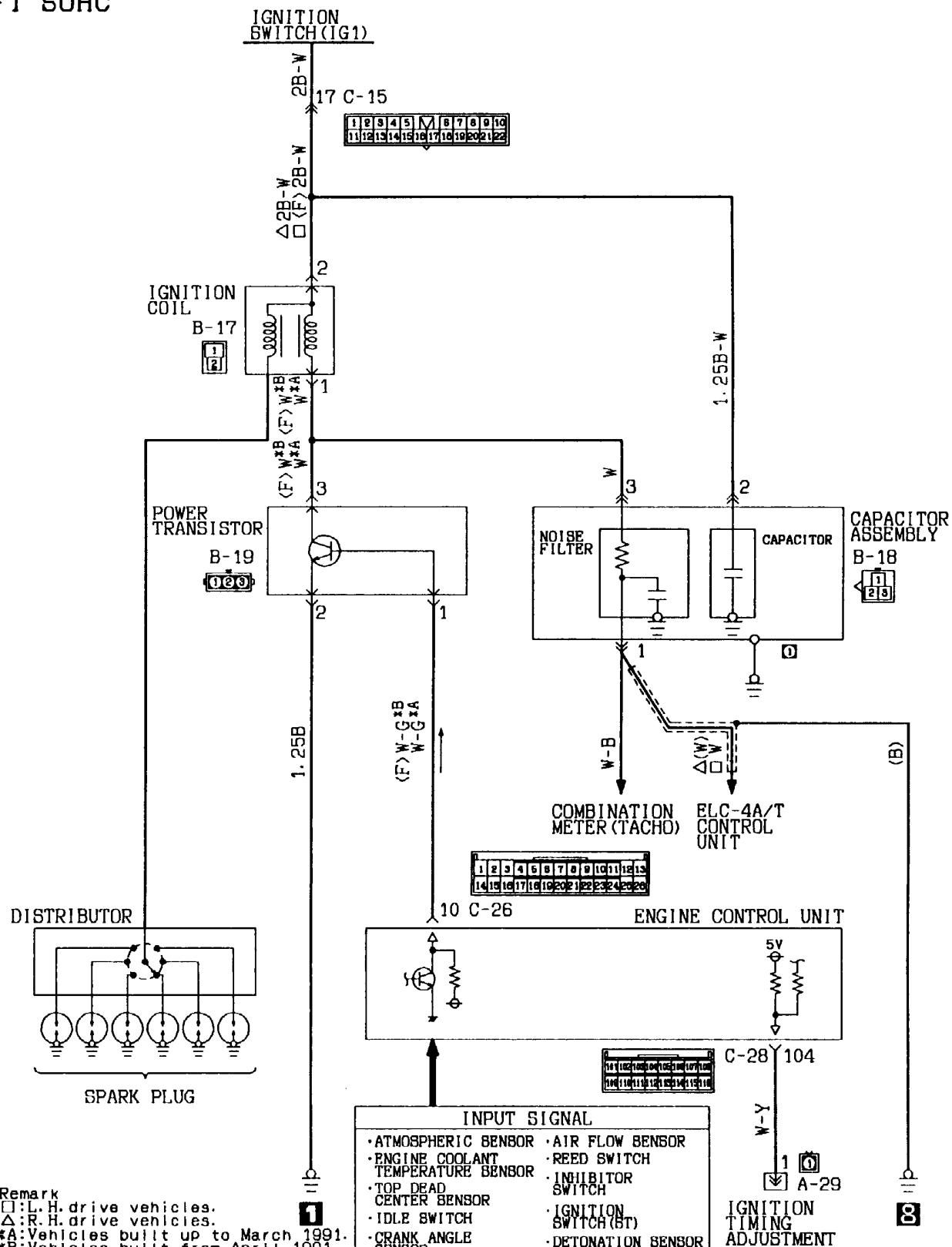
2-2 R. H. drive vehicles



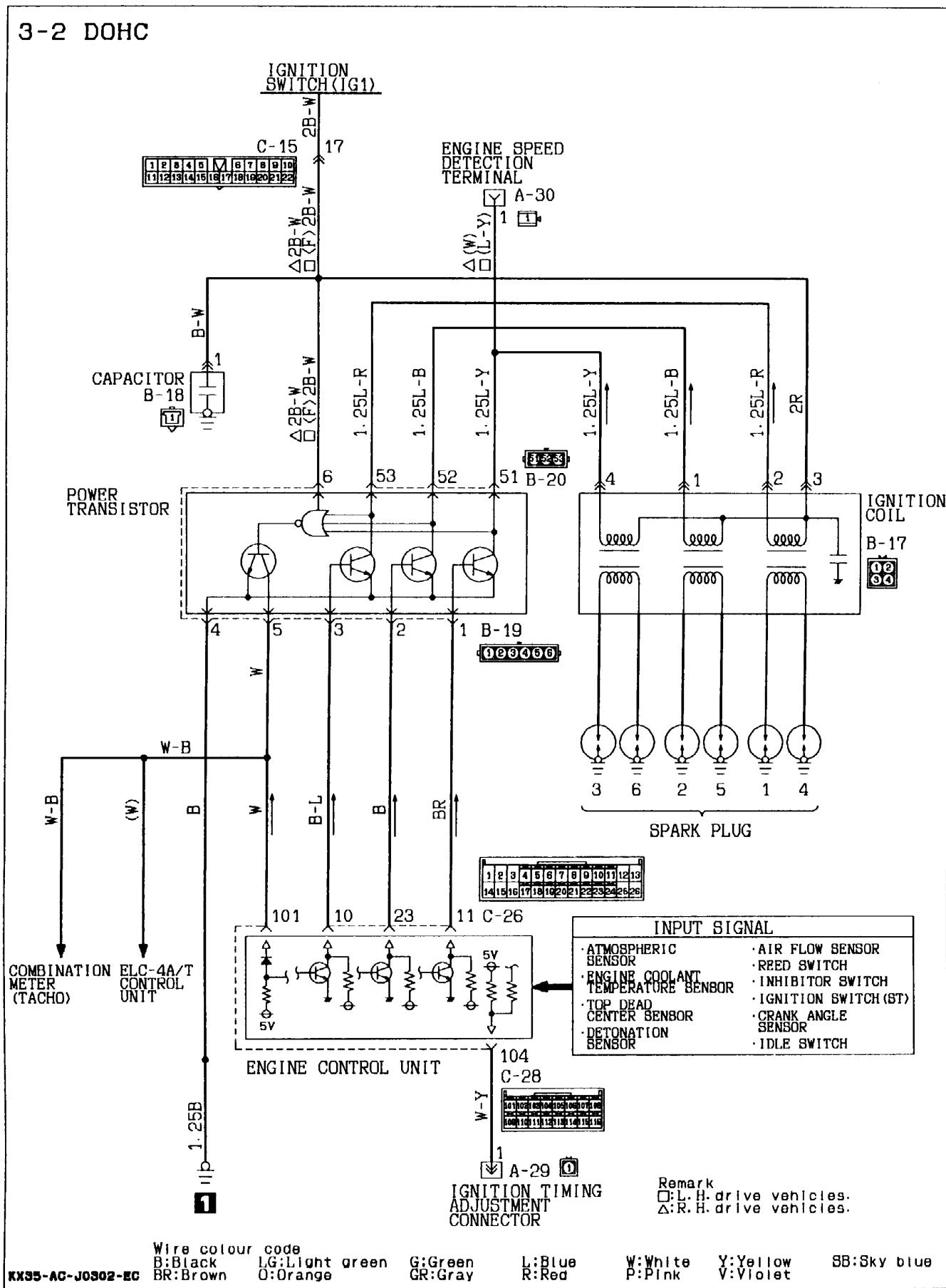
Wire colour code
 B:Black LG:Light green G:Green L:Blue
 BR:Brown O:Orange GR:Gray R:Red W:White Y:Yellow BB:Sky blue
 P:Pink V:Violet

3 IGNITION CIRCUIT

3-1 SOHC

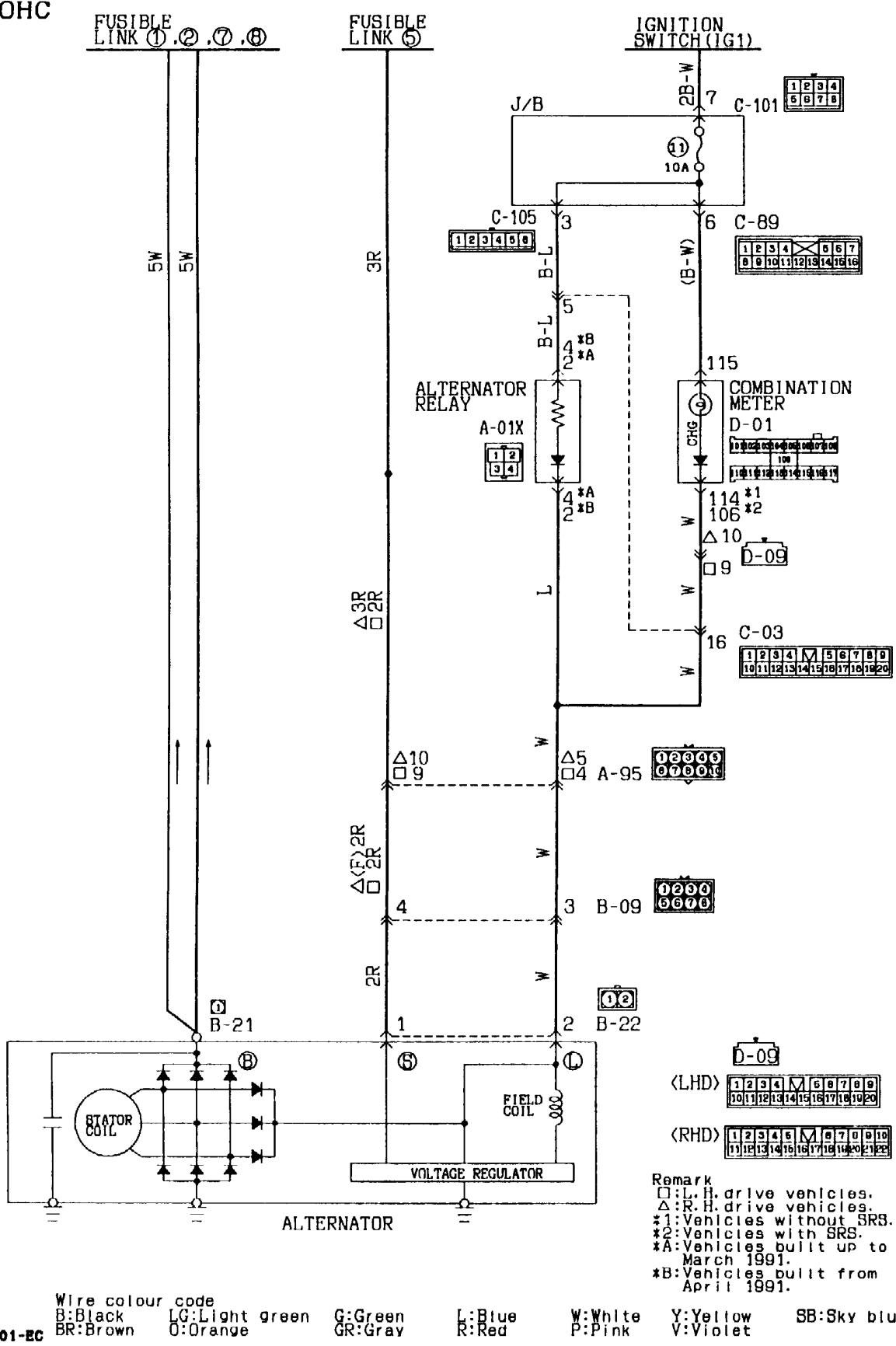


3-2 DOHC

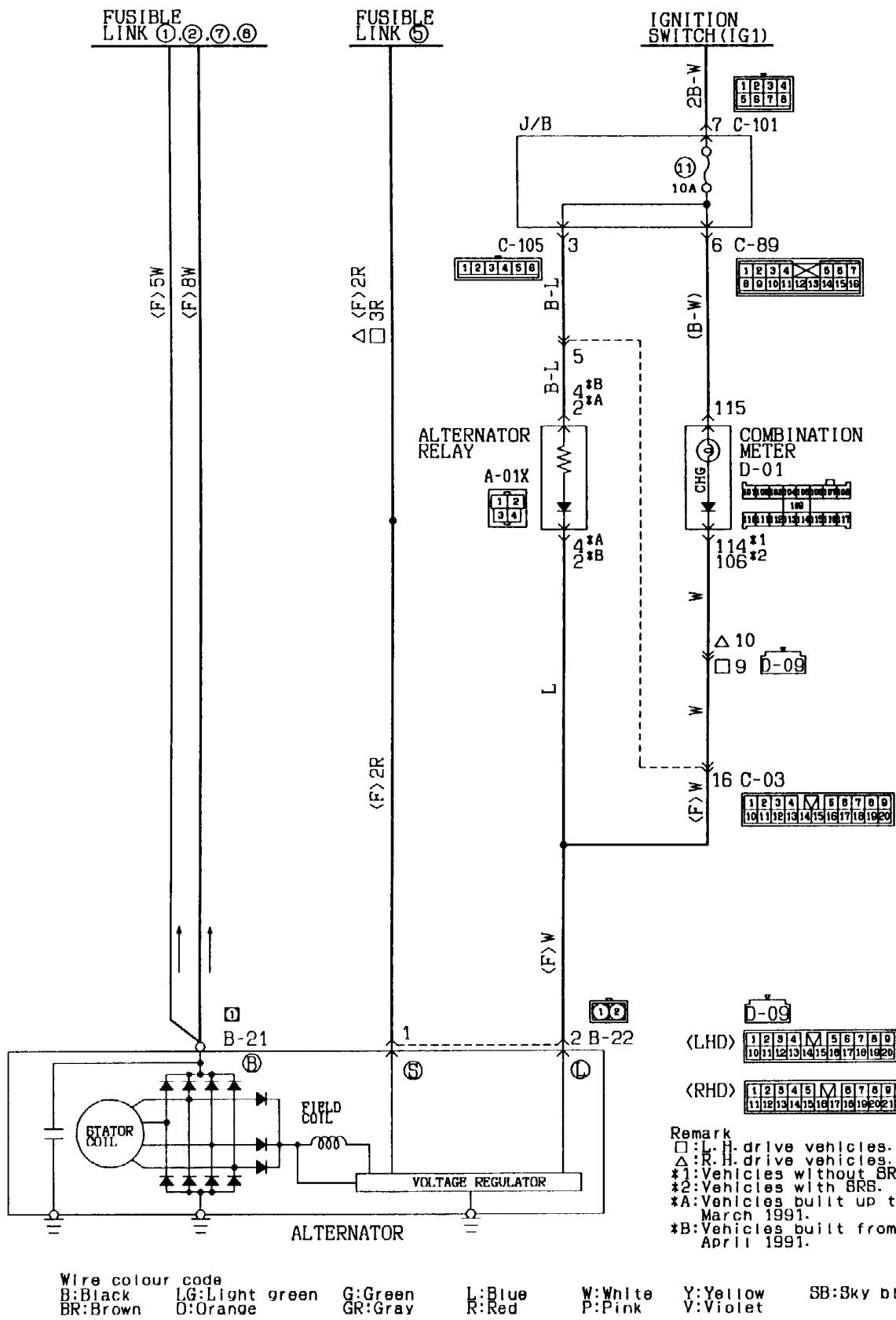


4 CHARGING CIRCUIT

4-1 SOHC



4-2 DOHC



CHARGING CIRCUIT (See P. 4-20, 21.)**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

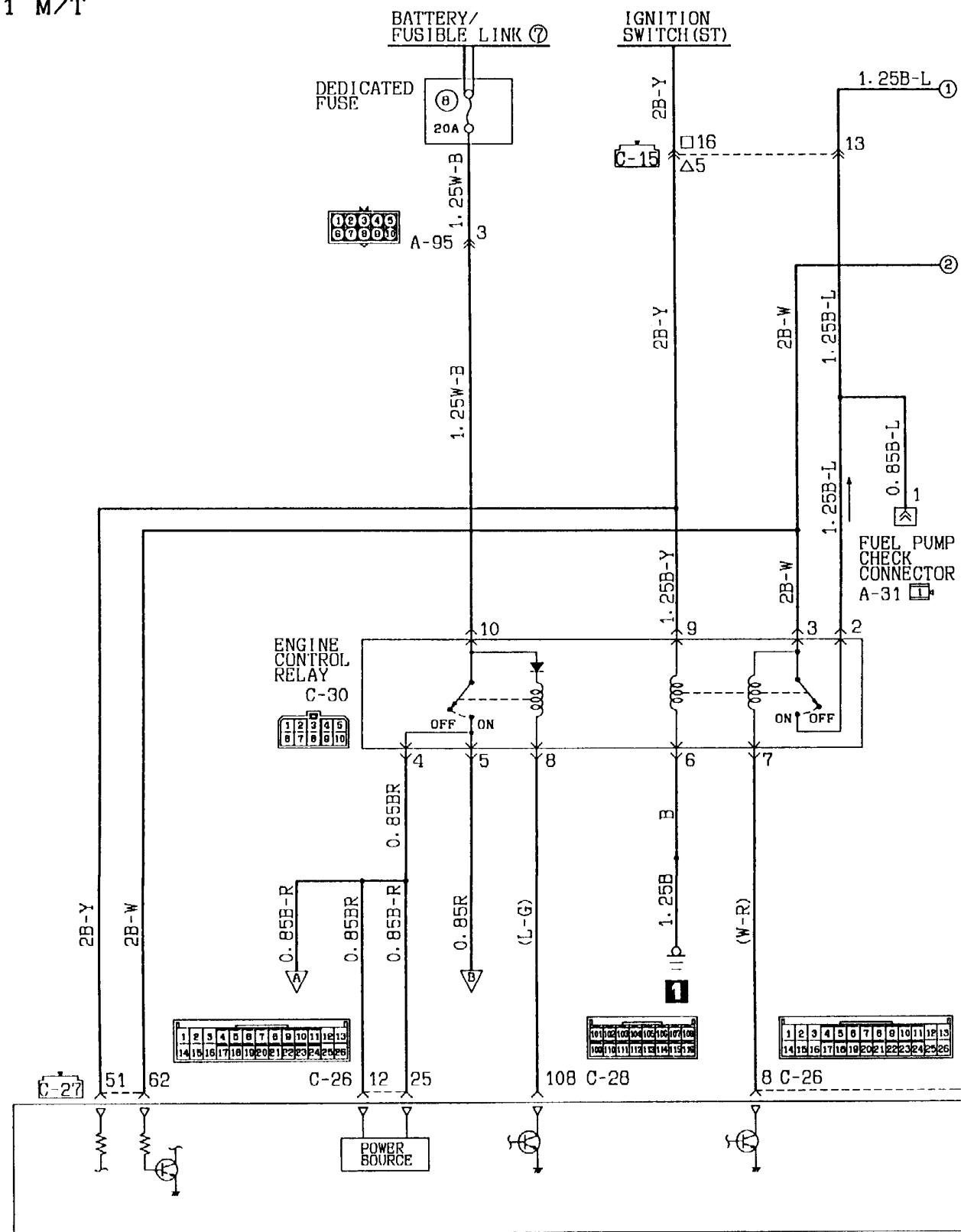
- The alternator relay is provided to back up the flow of current to the field coil when the charge warning lamp is open.

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 CIRCUIT

5-1 M/T



ENGINE CONTROL UNIT

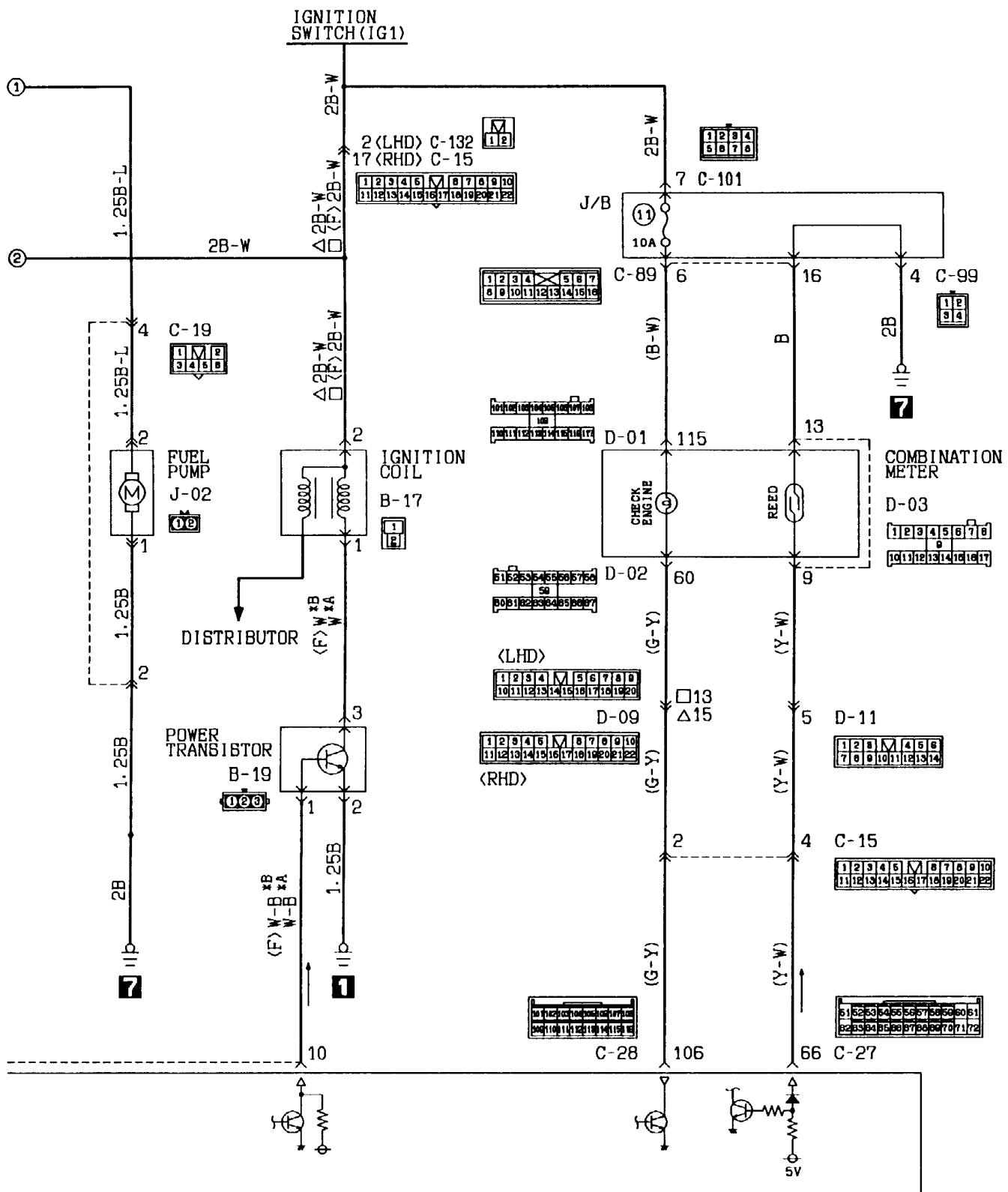
Remark
□:L.H. drive vehicles.
△:R.H. drive vehicles.

C-27

C-15

1	2	3	4	5	<input checked="" type="checkbox"/>	6	7	8	9	10	
11	12	13	14	15	16	17	18	19	20	21	22

KX35-AC-J0501-EC



Wire colour code

WIRE COLOUR CODE

B:Black BR:Brown O:Orange

G:Green

GR:Gray

L:Blue

R:Red

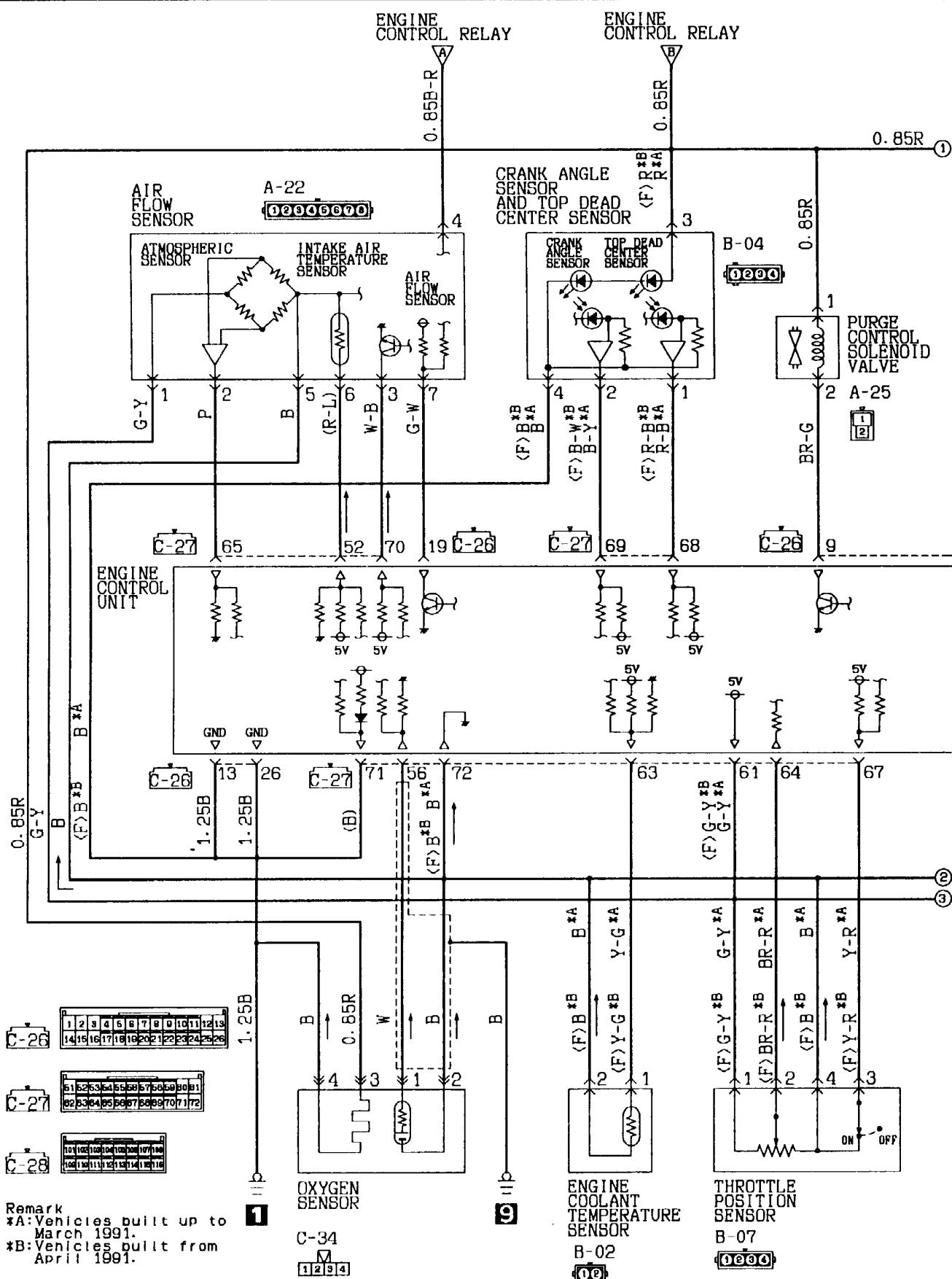
W:White

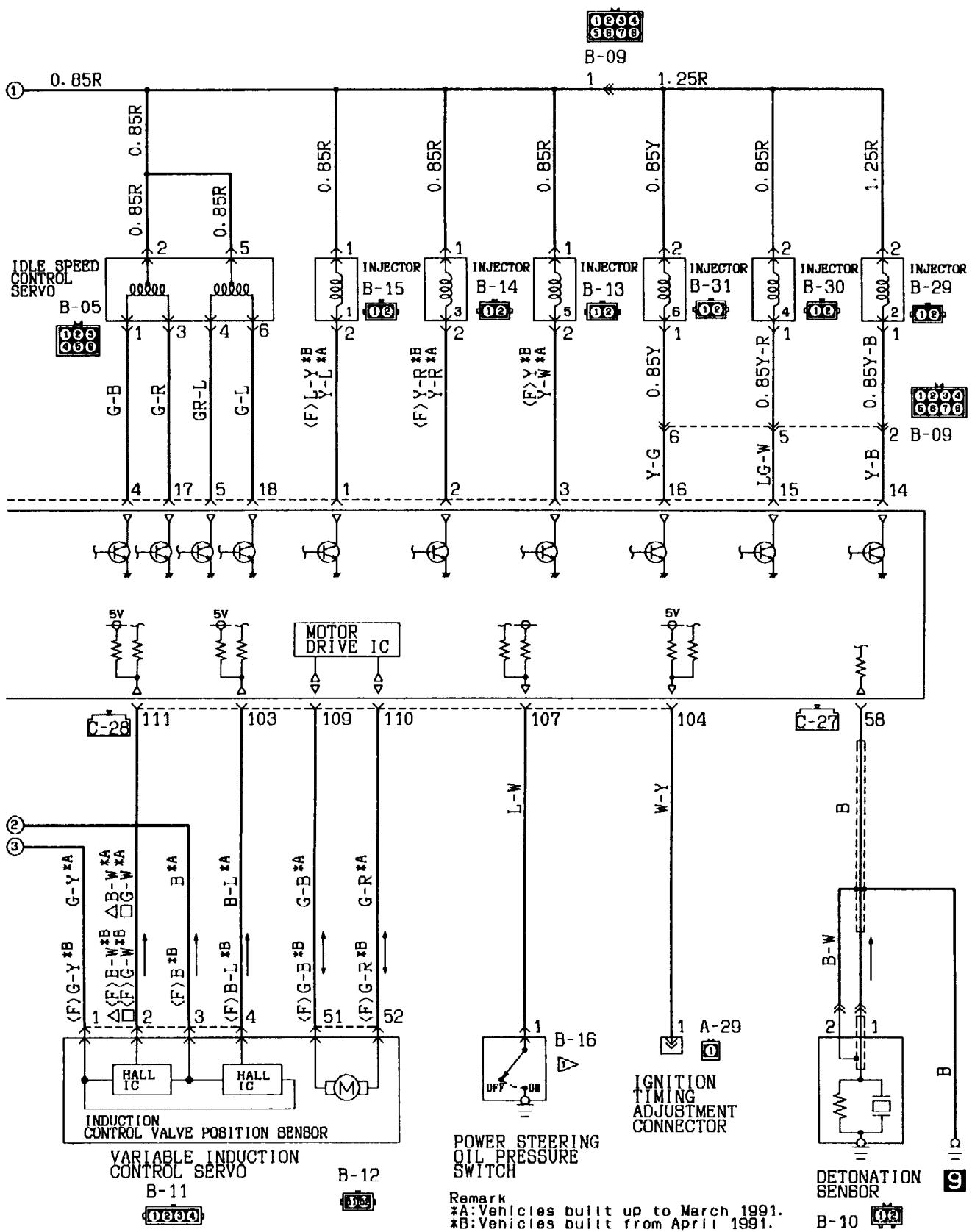
W:White
P:Pink

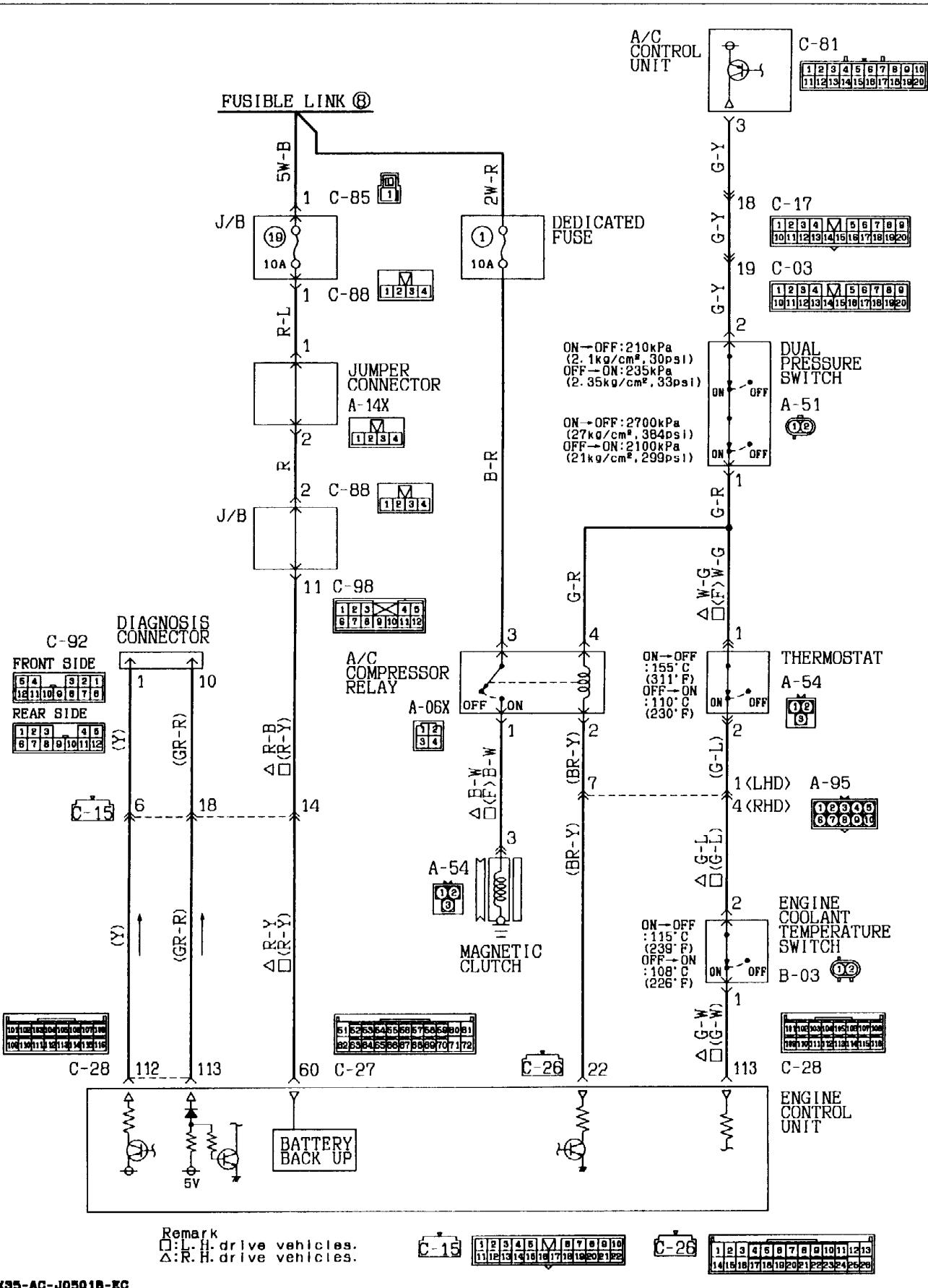
Y: Yellow

V:Violet

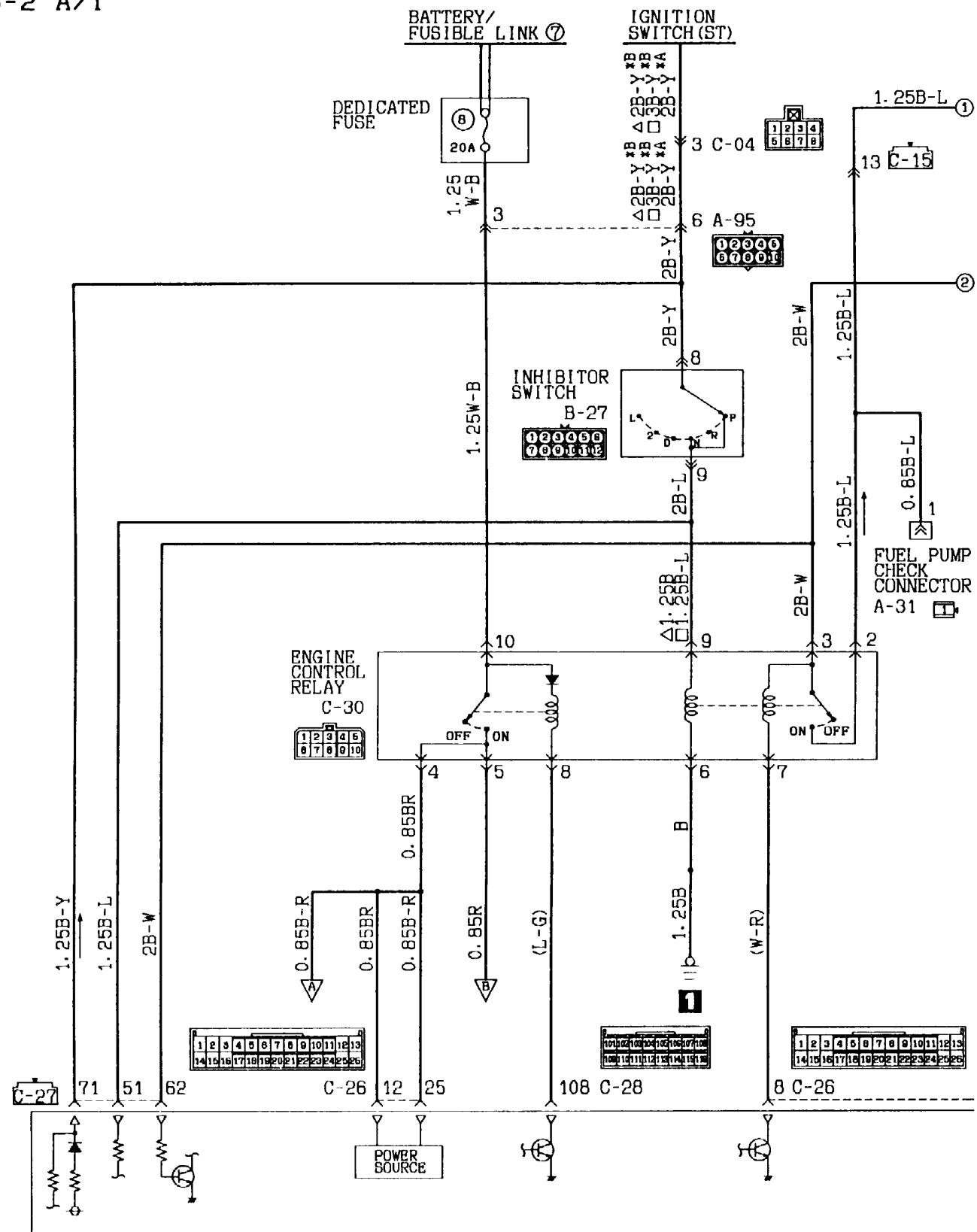
SB:Sky blue







5-2 A/T



**ENGINE
CONTROL
UNIT**

Remark
 L. H. drive vehicles.

△:R.H.-drive vehicles.
★A:Vehicles built up to March 1991.
★B:Vehicles built from April 1991.

*A:Vehicles built up to March 1991.
*B:Vehicles built from April 1991.

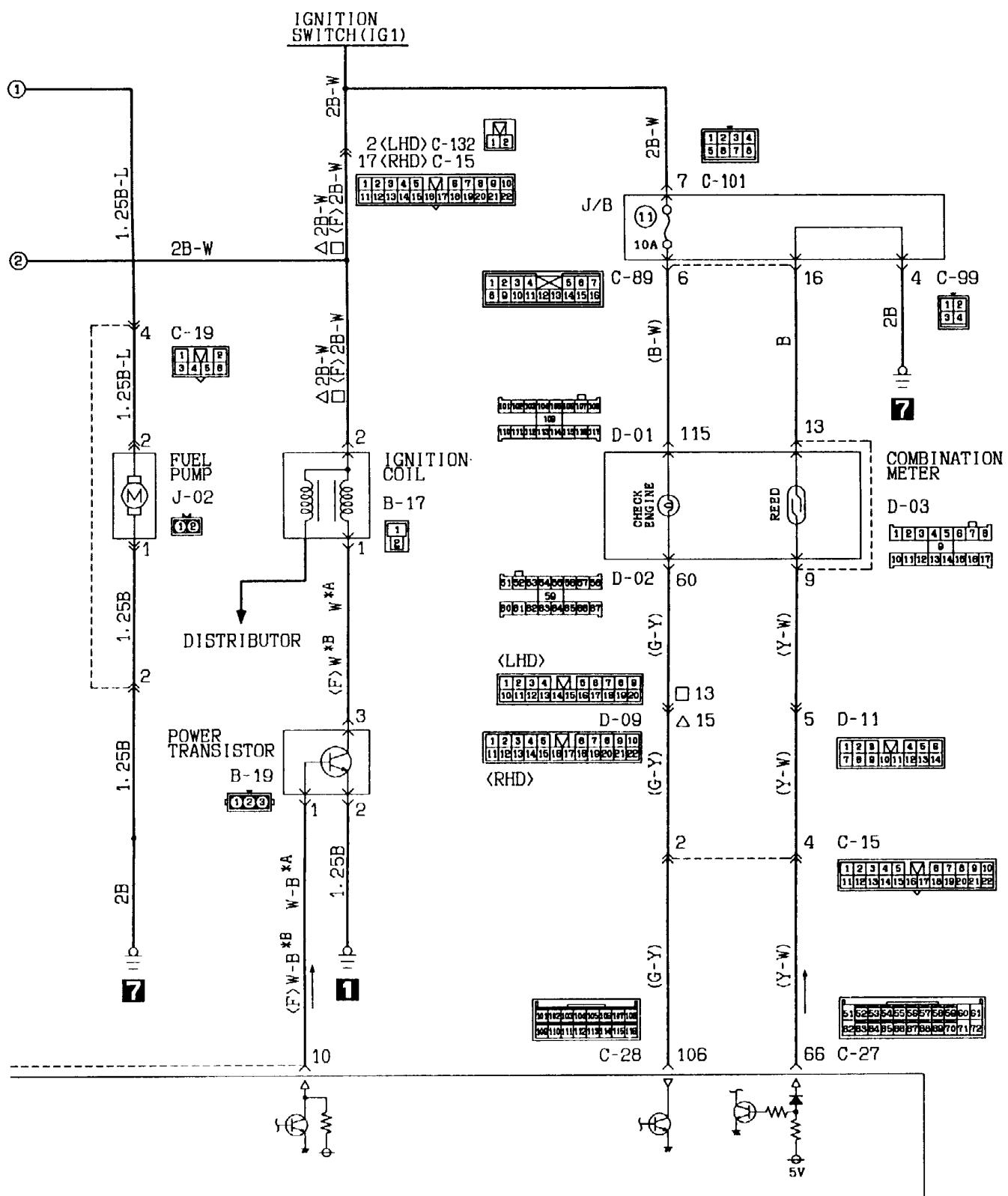
KX95-AC-J0502-EC

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	9	10	
11	12	13	14	15	16	17	18	19	20	21	22



Wire colour code

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

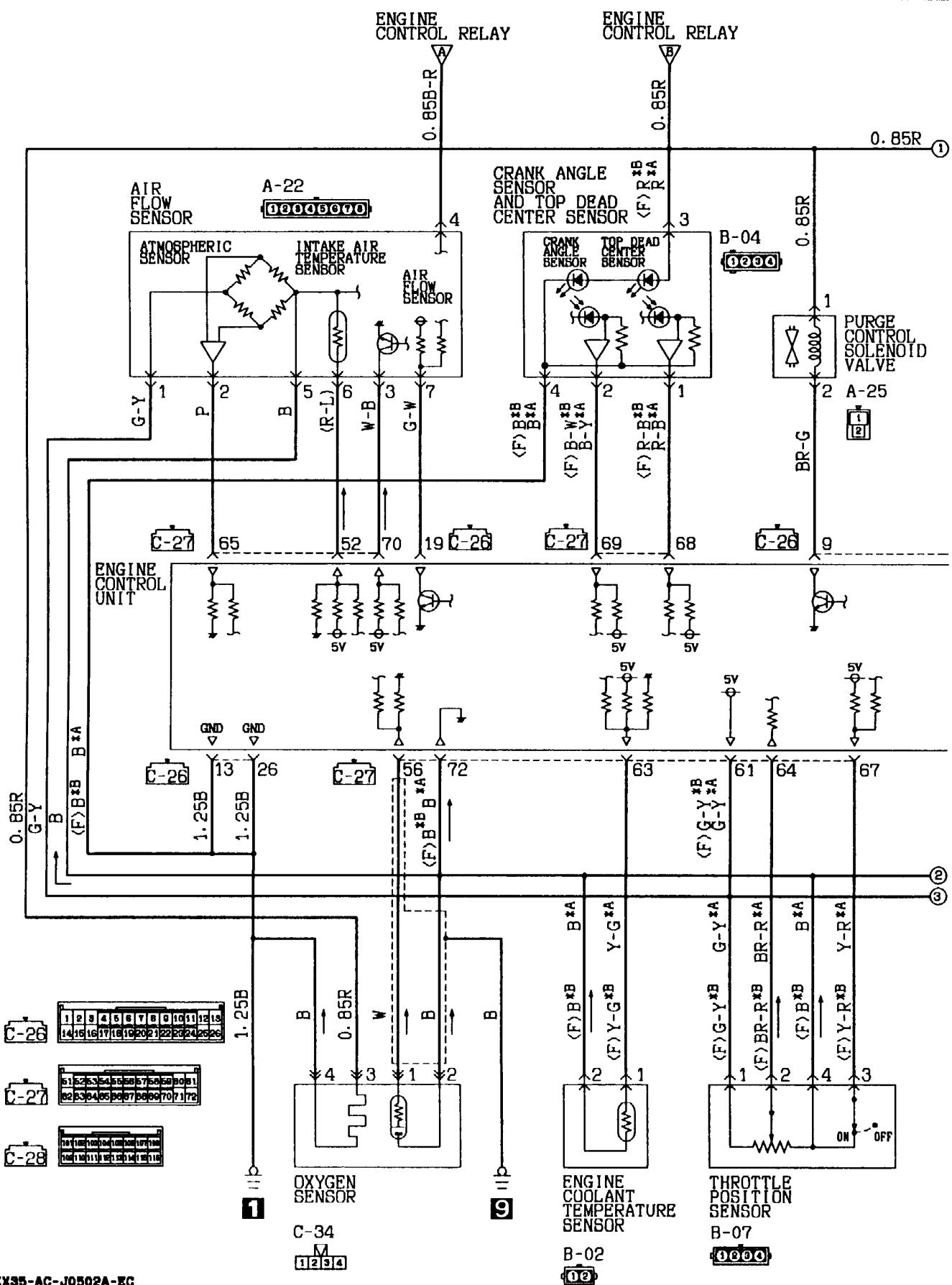
G:Green
GR:Gray

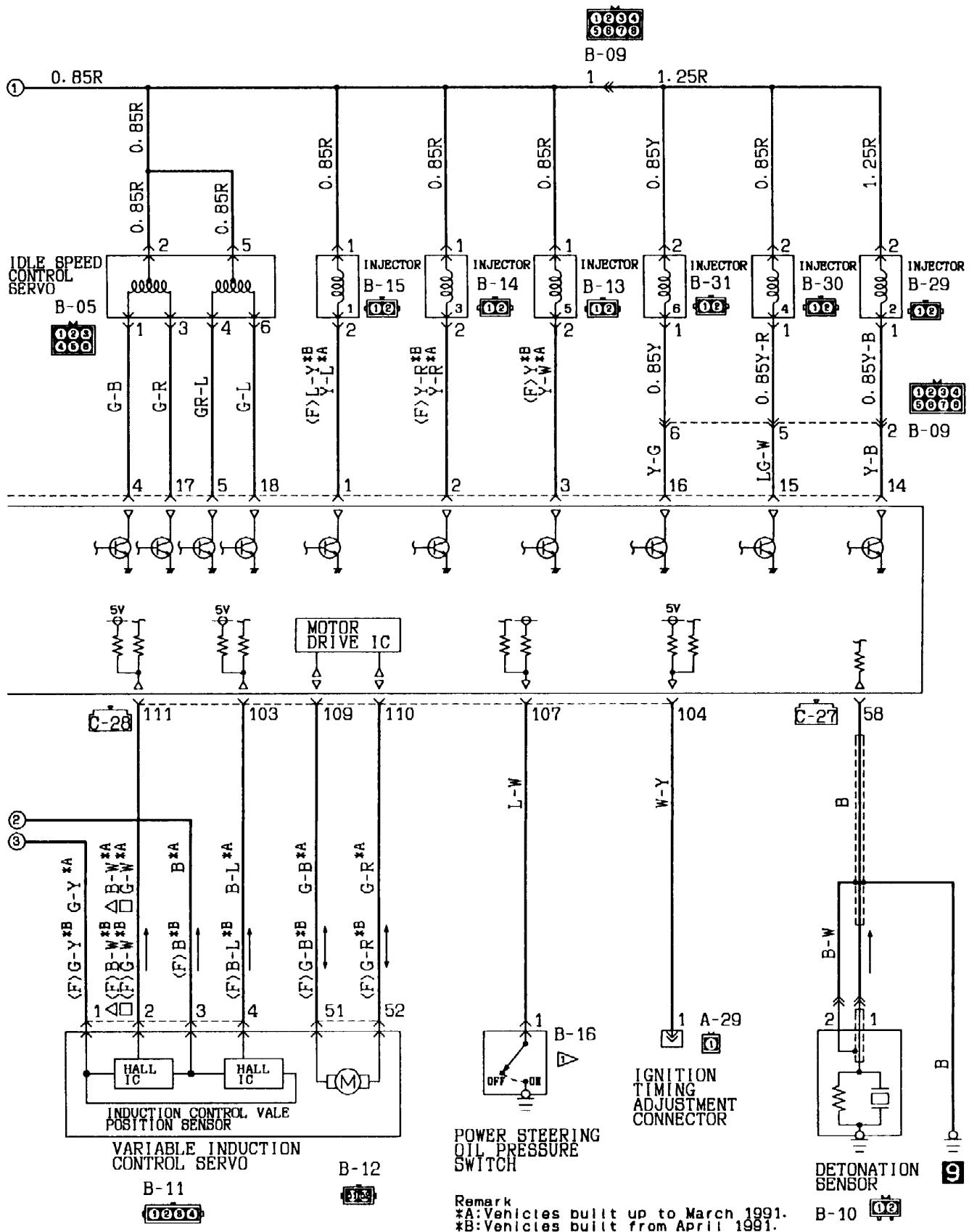
L:Blue
R:Red

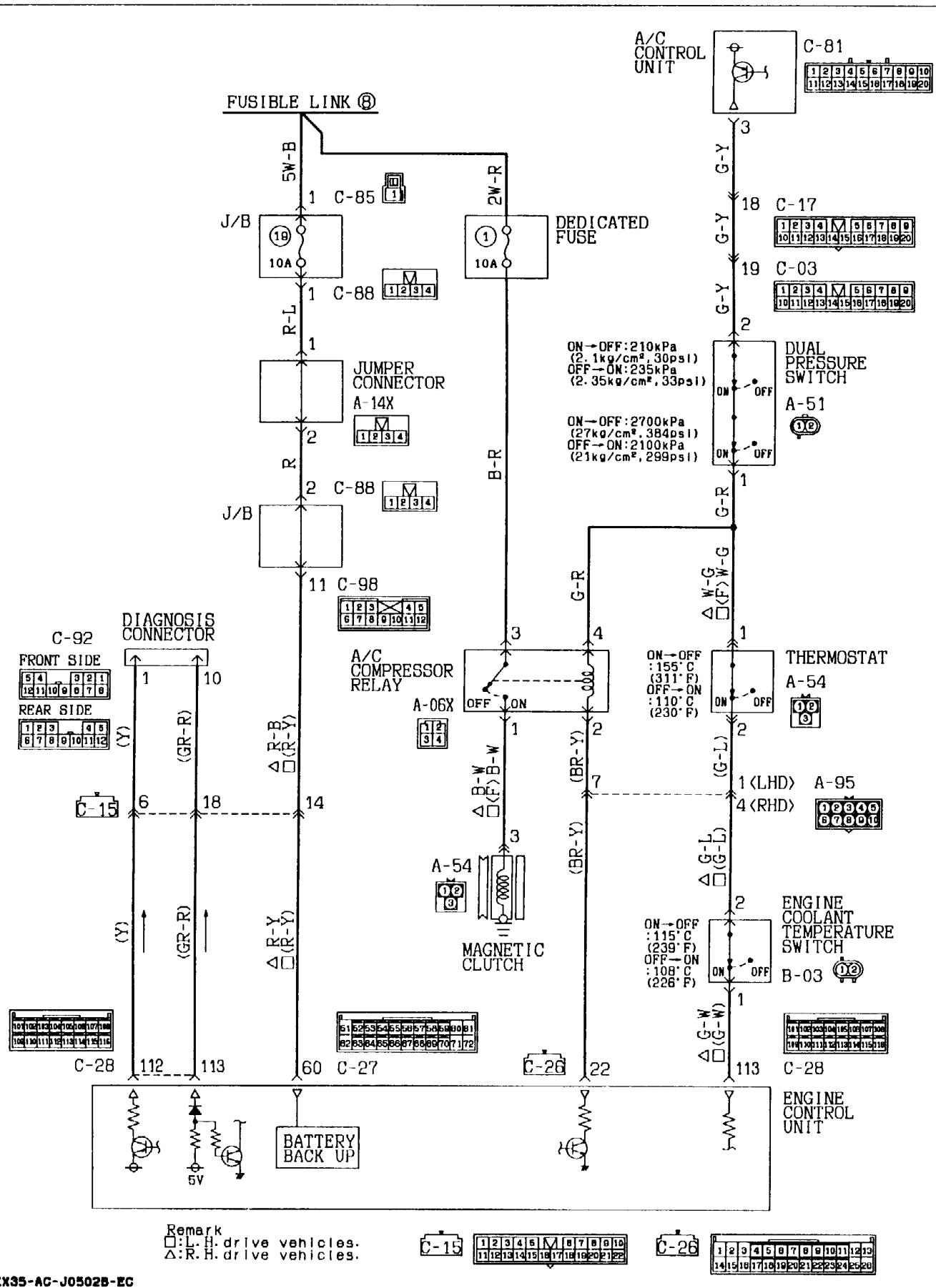
W:White
P:Pink

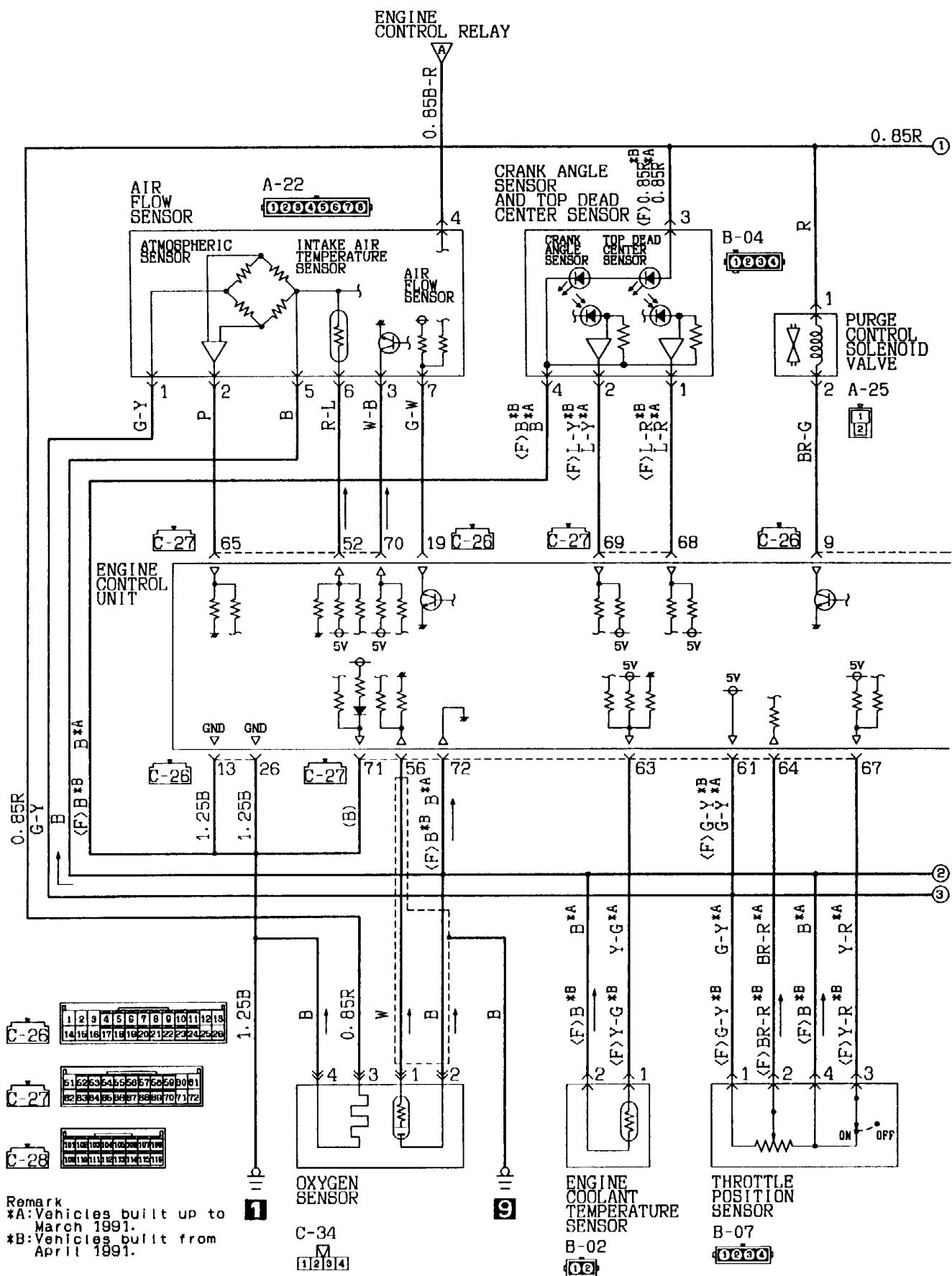
Y:Yellow
V:Violet

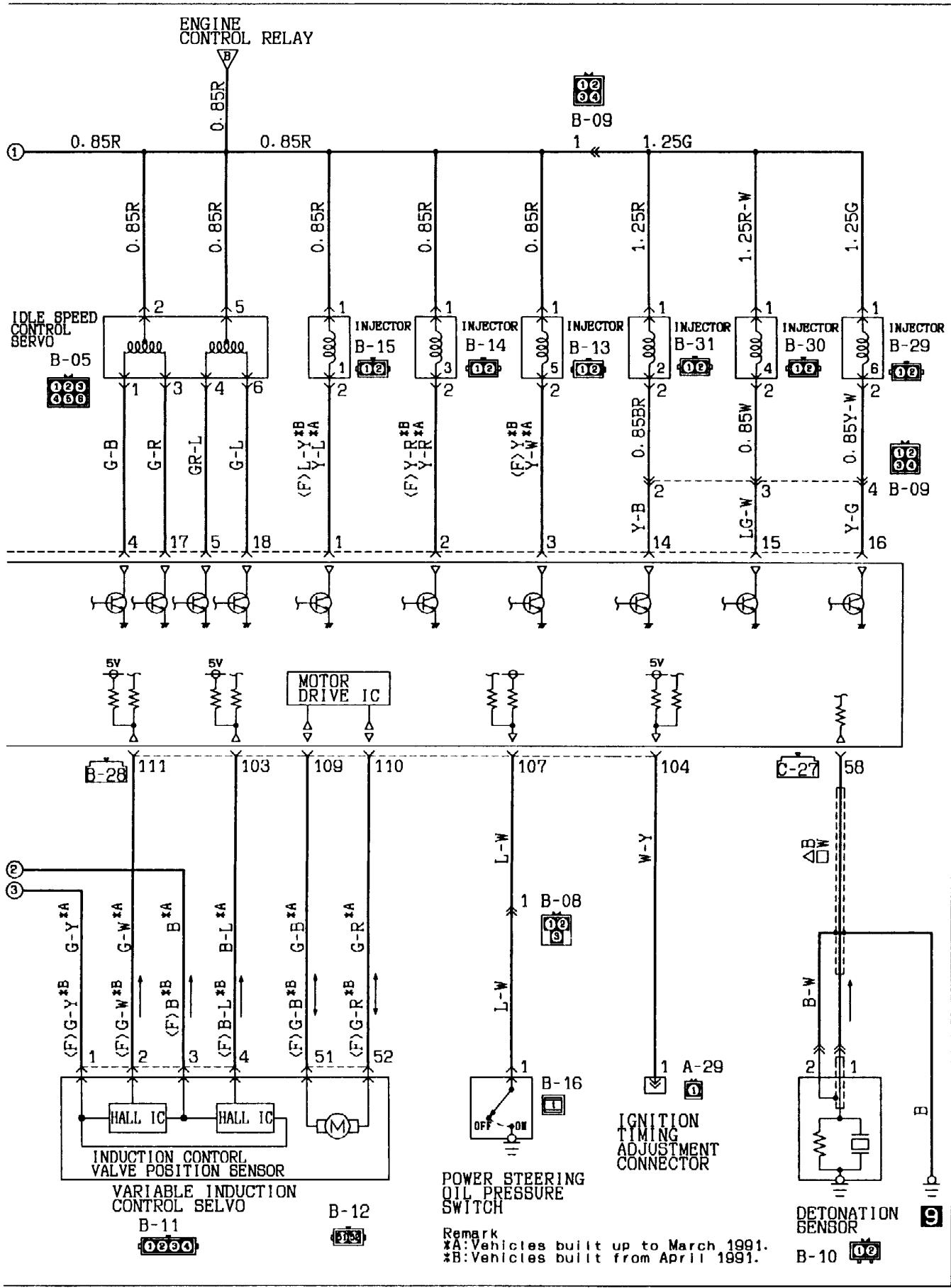
SB:Sky blue



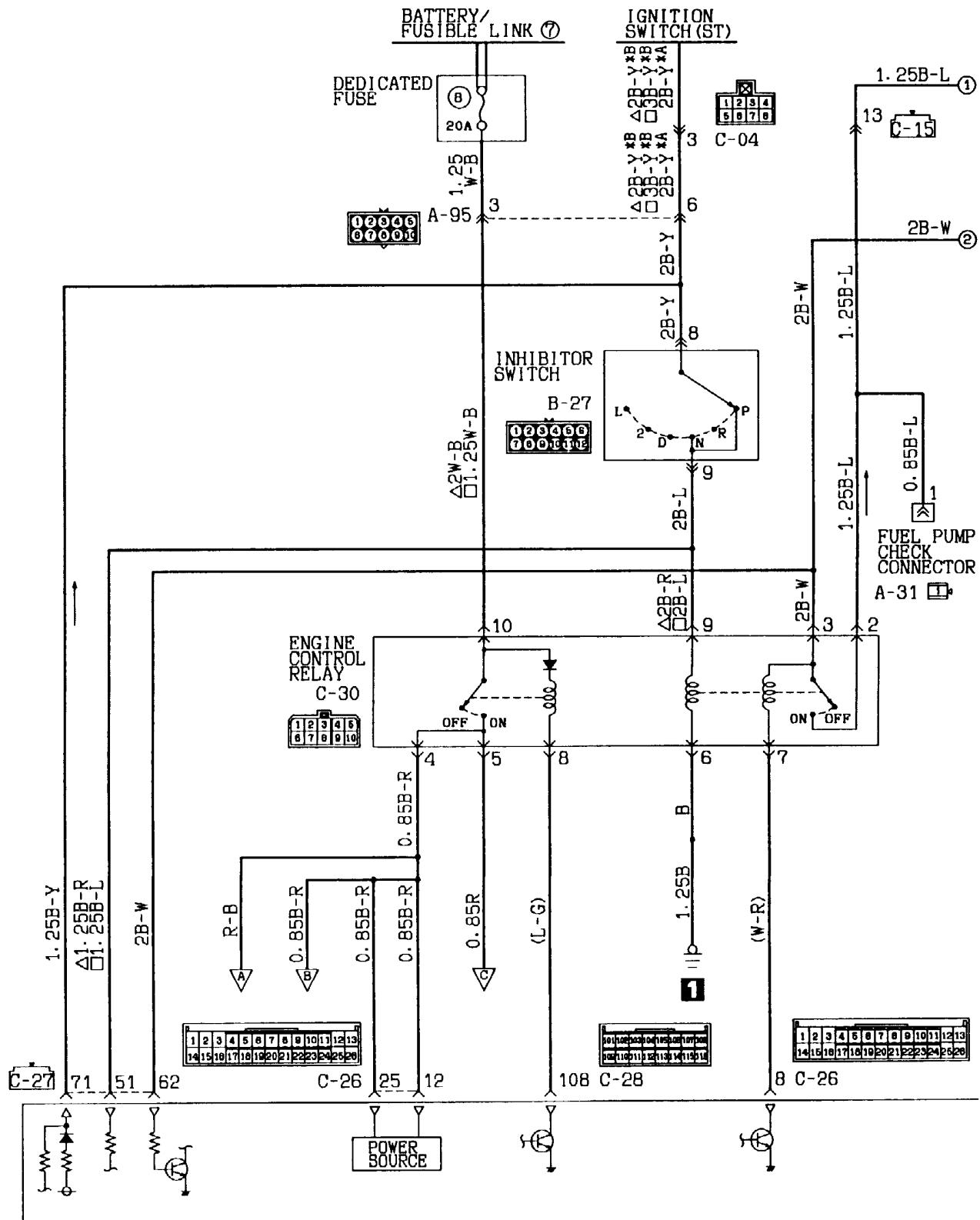








6-2 A/T<With TCL>



ENGINE CONTROL UNIT

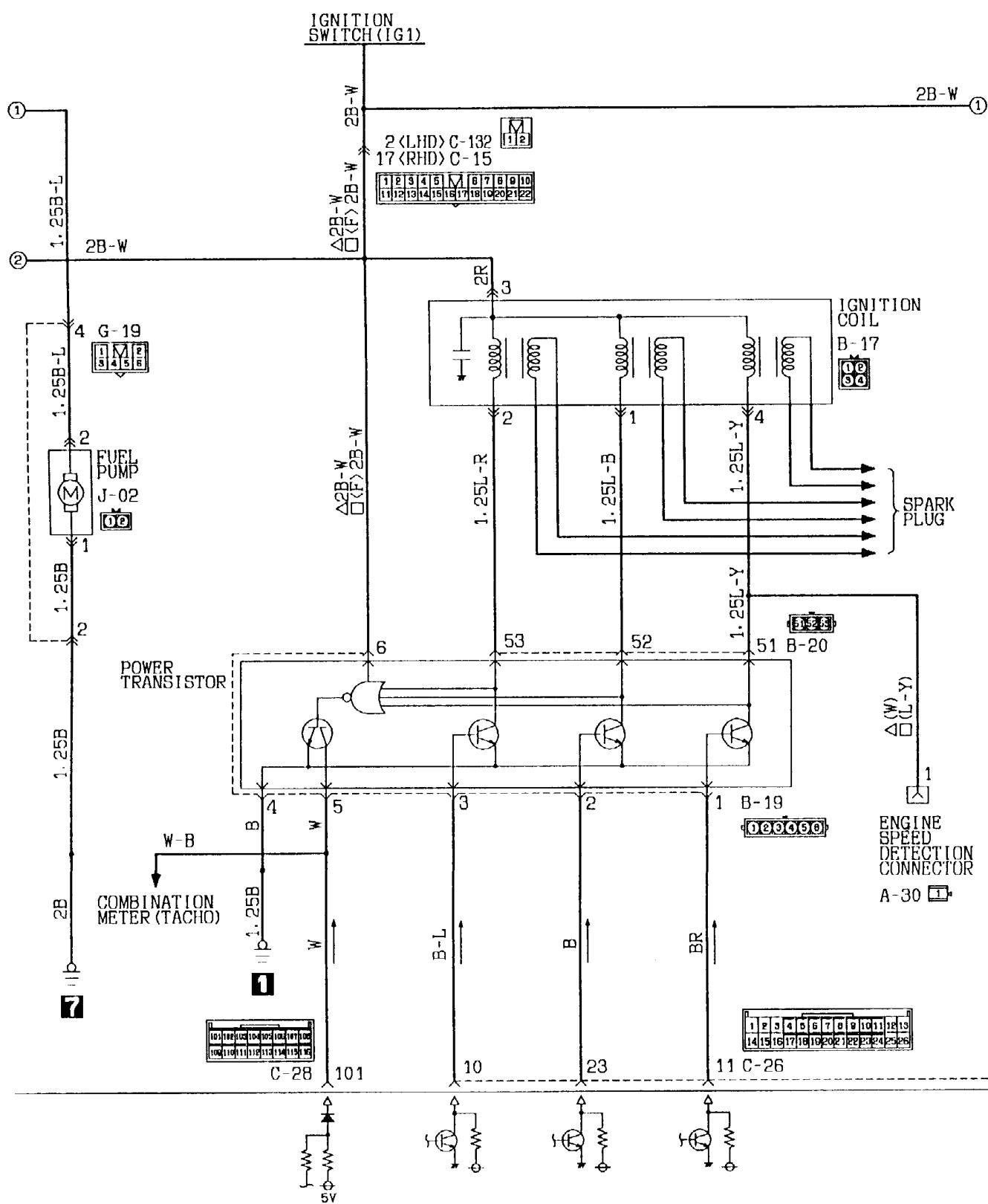
Remark

***A:** Vehicles built up to March 1991.
***B:** Vehicles built from April 1991.

C-27

C-15  

KX35-AC-J0504-EC



Wire colour code

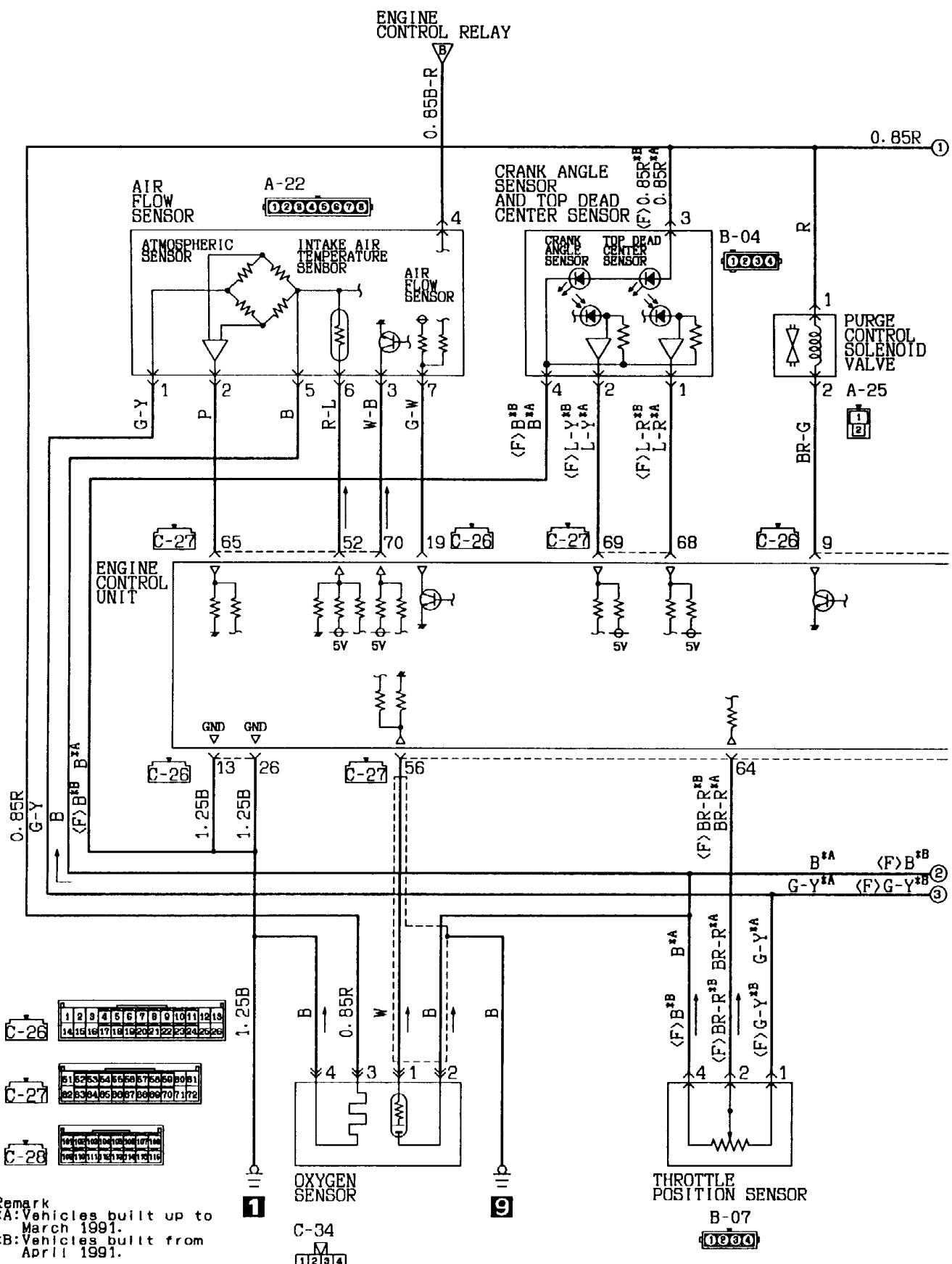
WIRE COLOUR CODE

G:Green
GR:Gray

L:Blue
R:Red

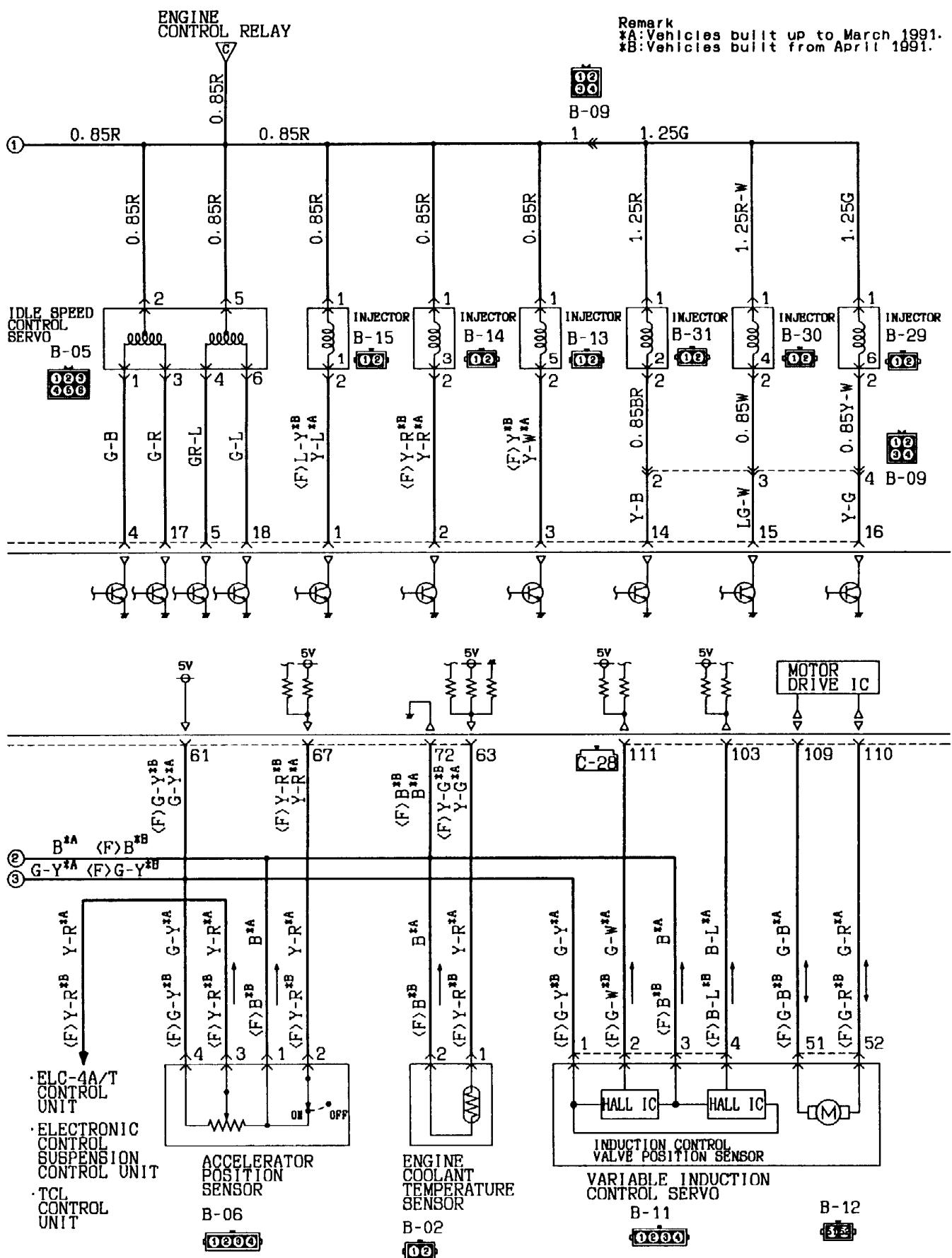
W:White Y:Yellow
P:Pink V:Violet

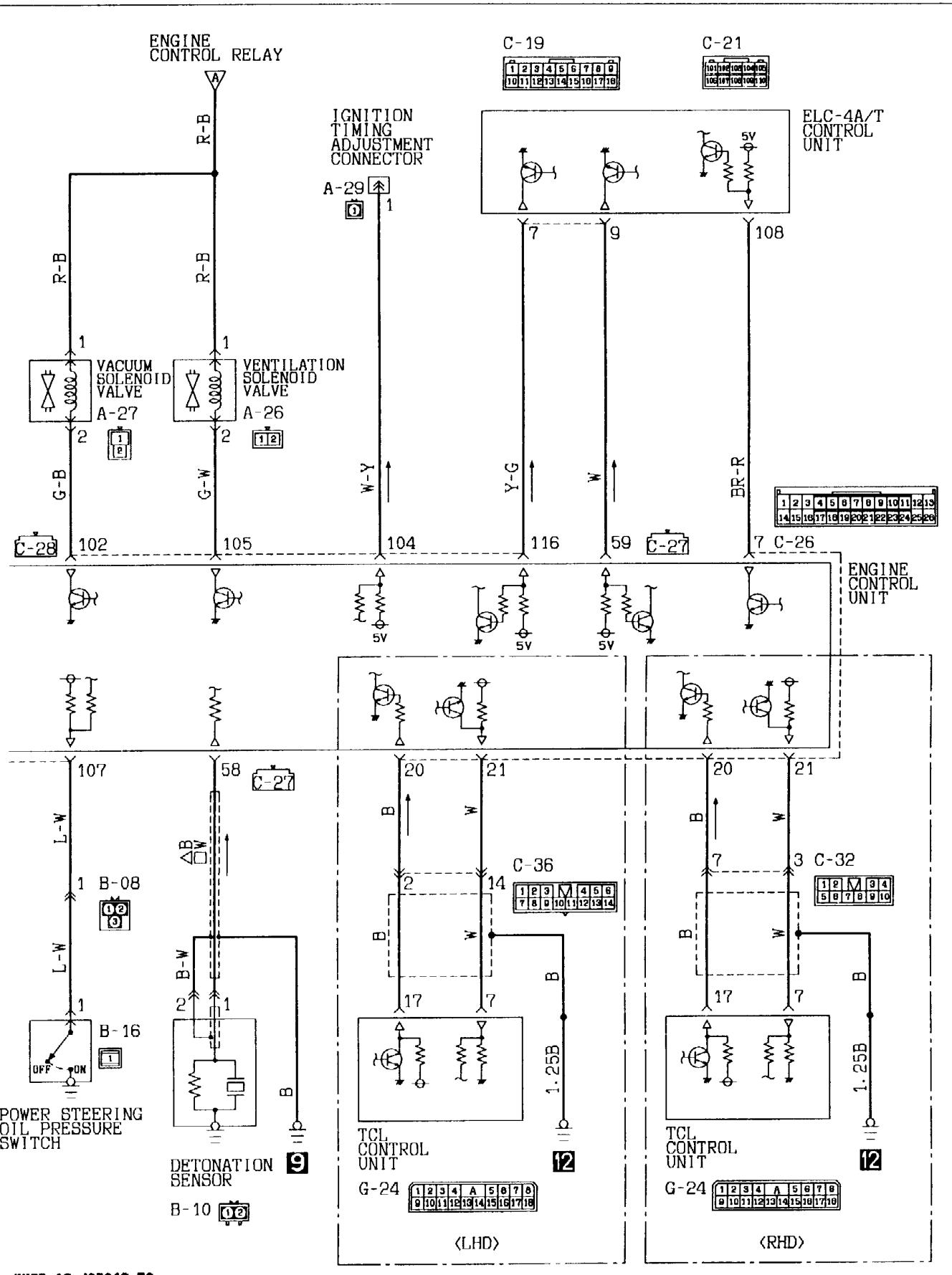
SB: Sky blue



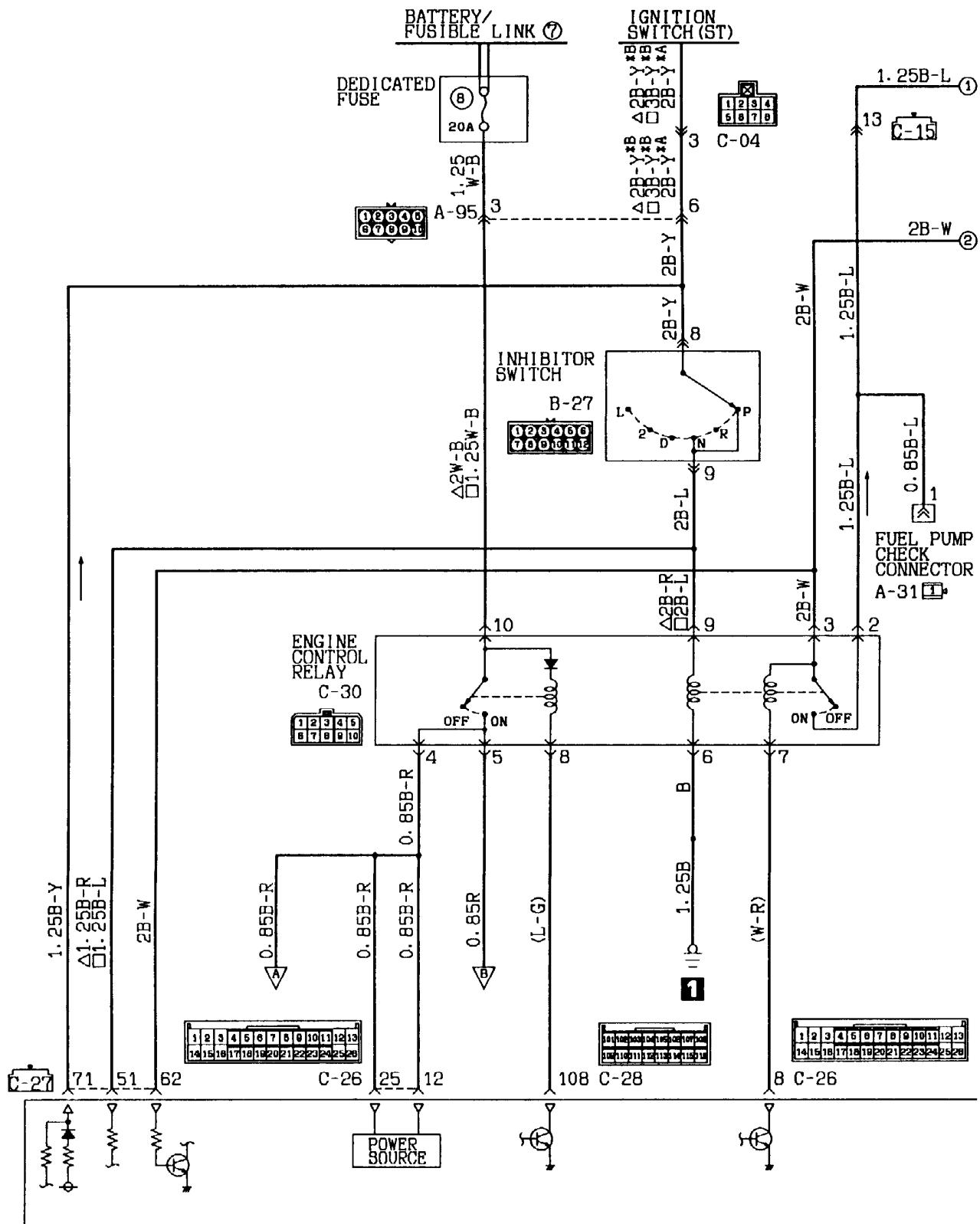
Remark
 *A: Vehicles built up to March 1991.
 *B: Vehicles built from April 1991.

KX35-AC-J0504B-EC





6-3 A/T <Without TCL>



ENGINE
CONTROL
UNIT

Remark

Remark
□: L. H. drive vehicles.
△: R. H. drive vehicles.

*A: Vehicles built up to March 1991.
*B: Vehicles built from April 1991.

#B: Vehicles built from April 1991.

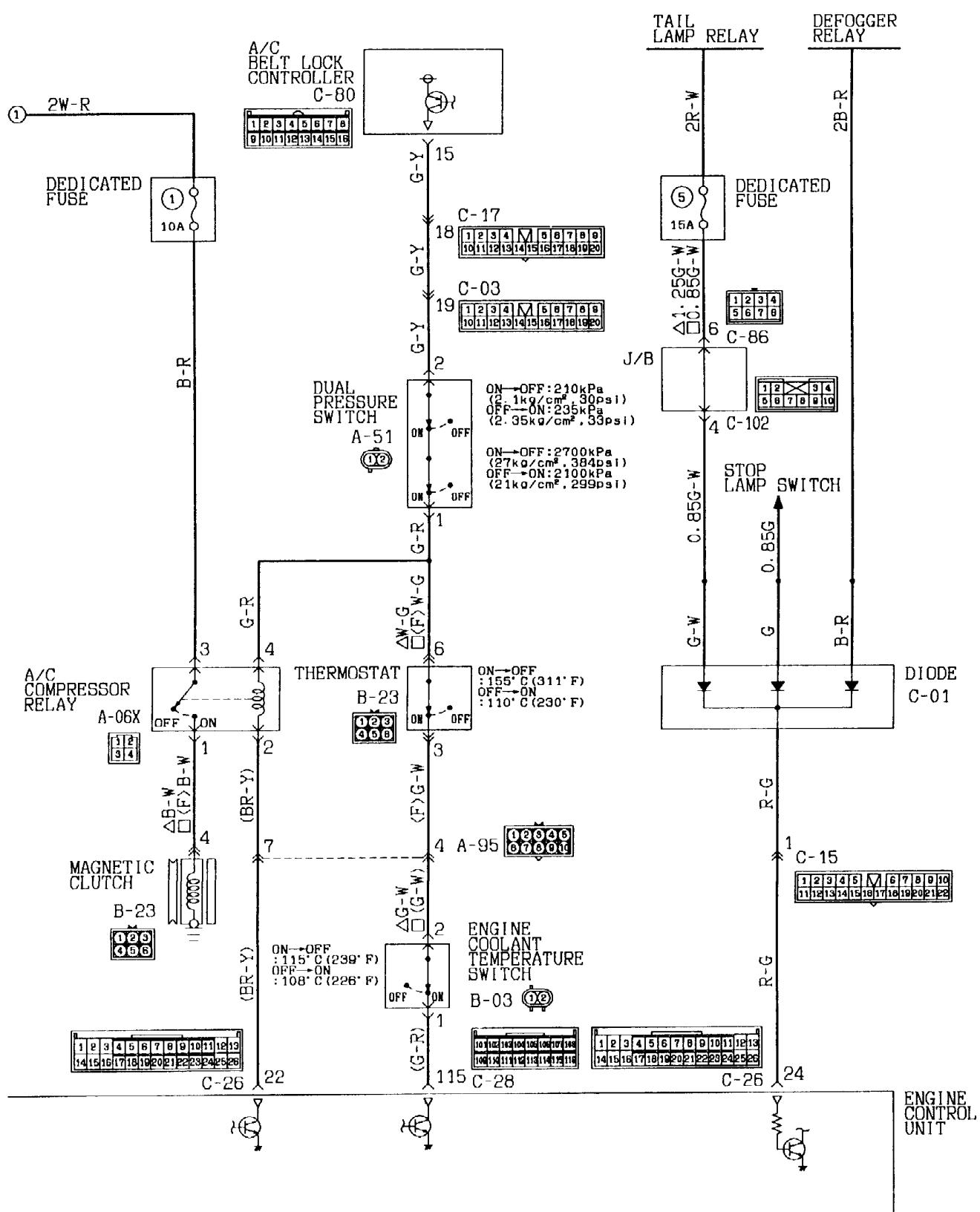
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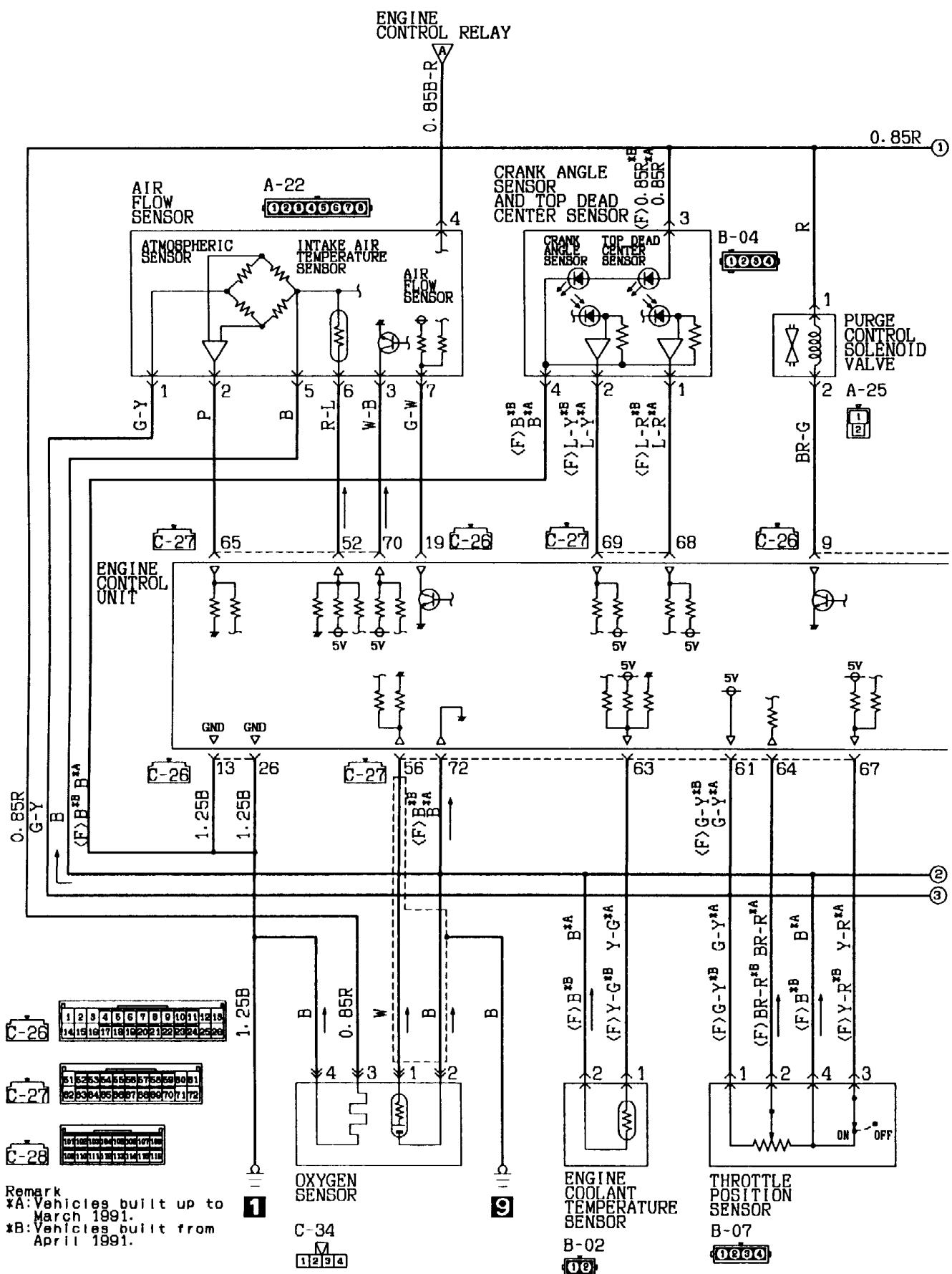
C-27

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

C-15

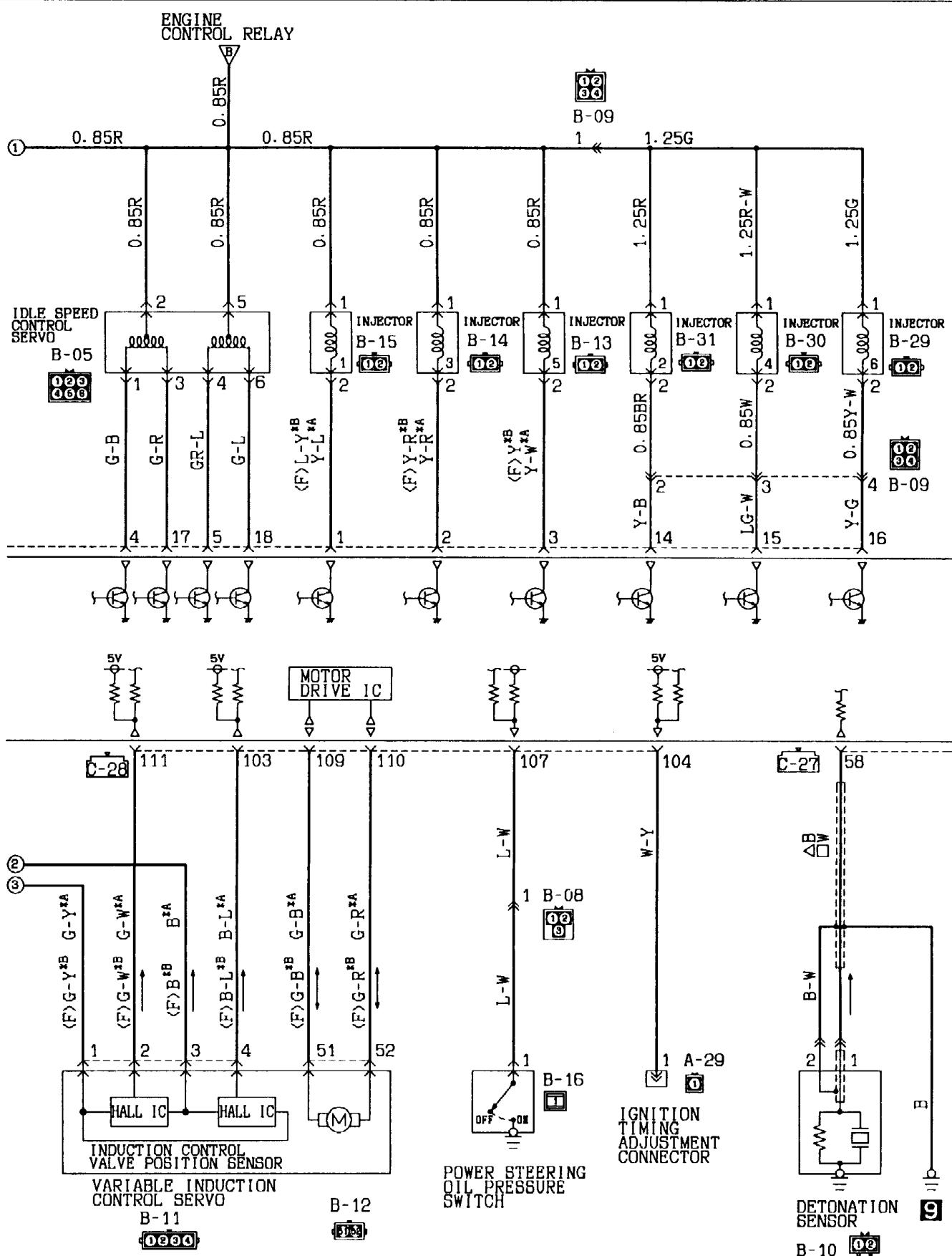
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11	12	13	14	15	16	17	18	19	20

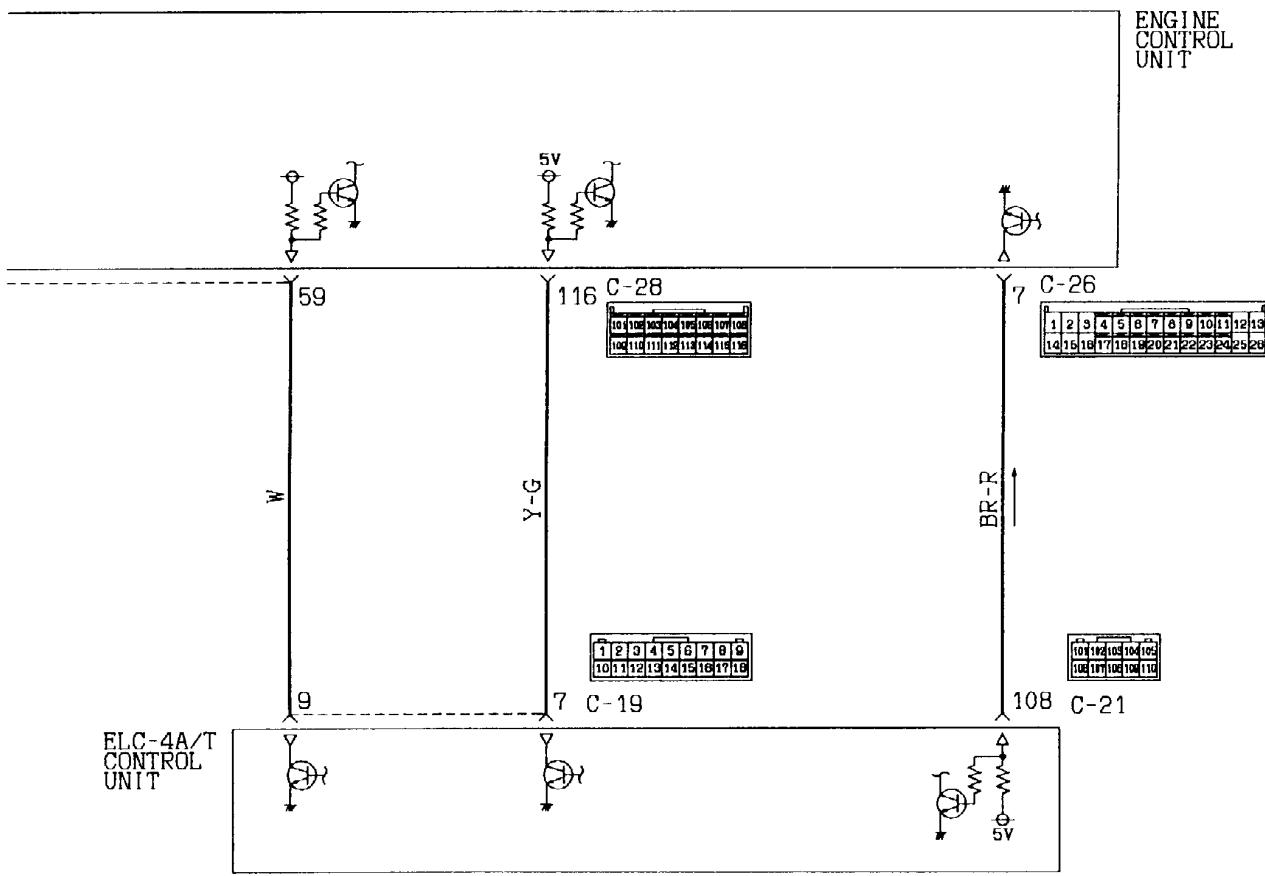


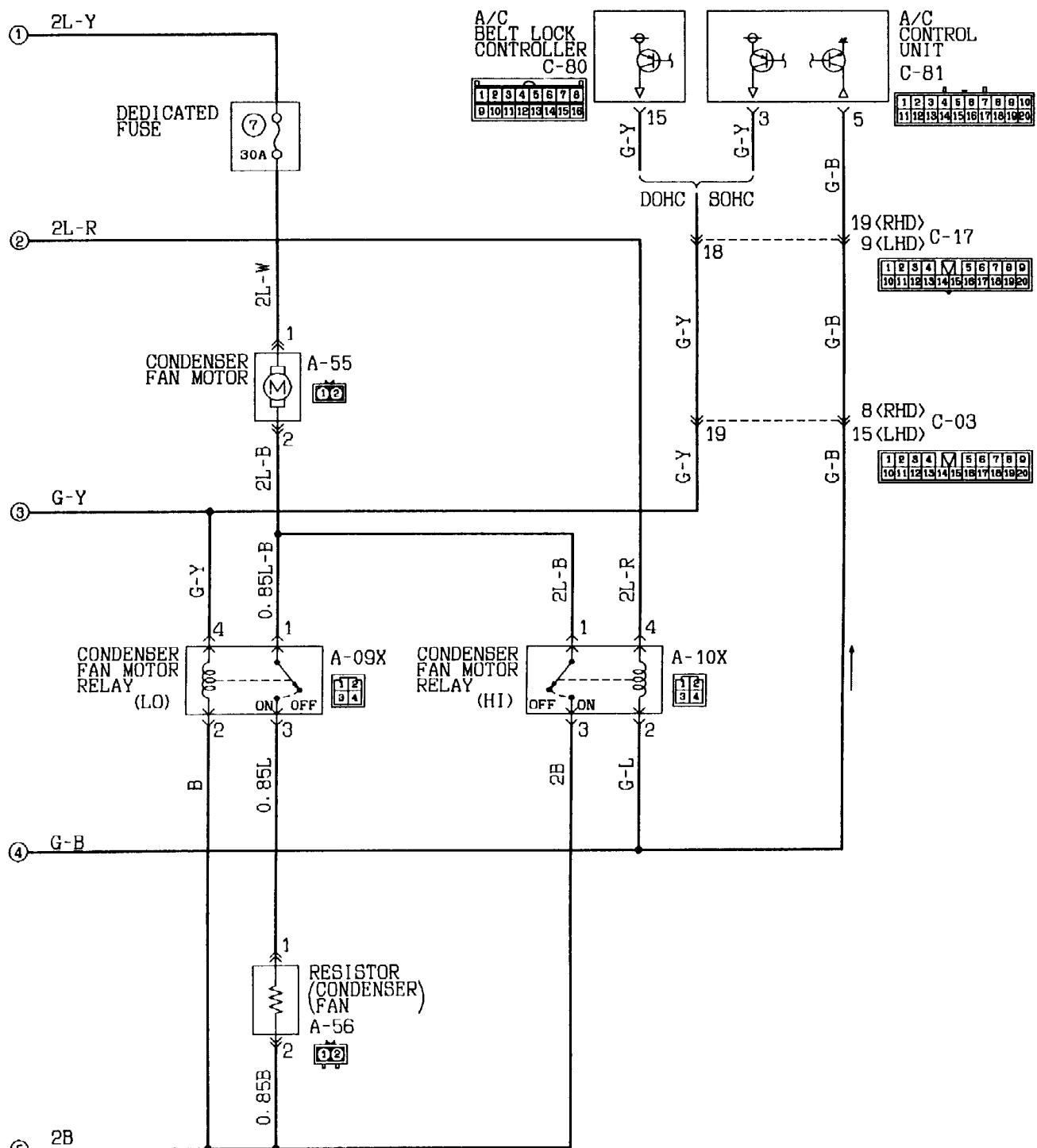


Remark
*A: Vehicles built up to
March 1991.
*B: Vehicles built from
April 1991.

KX35-AC-J0505B-EC





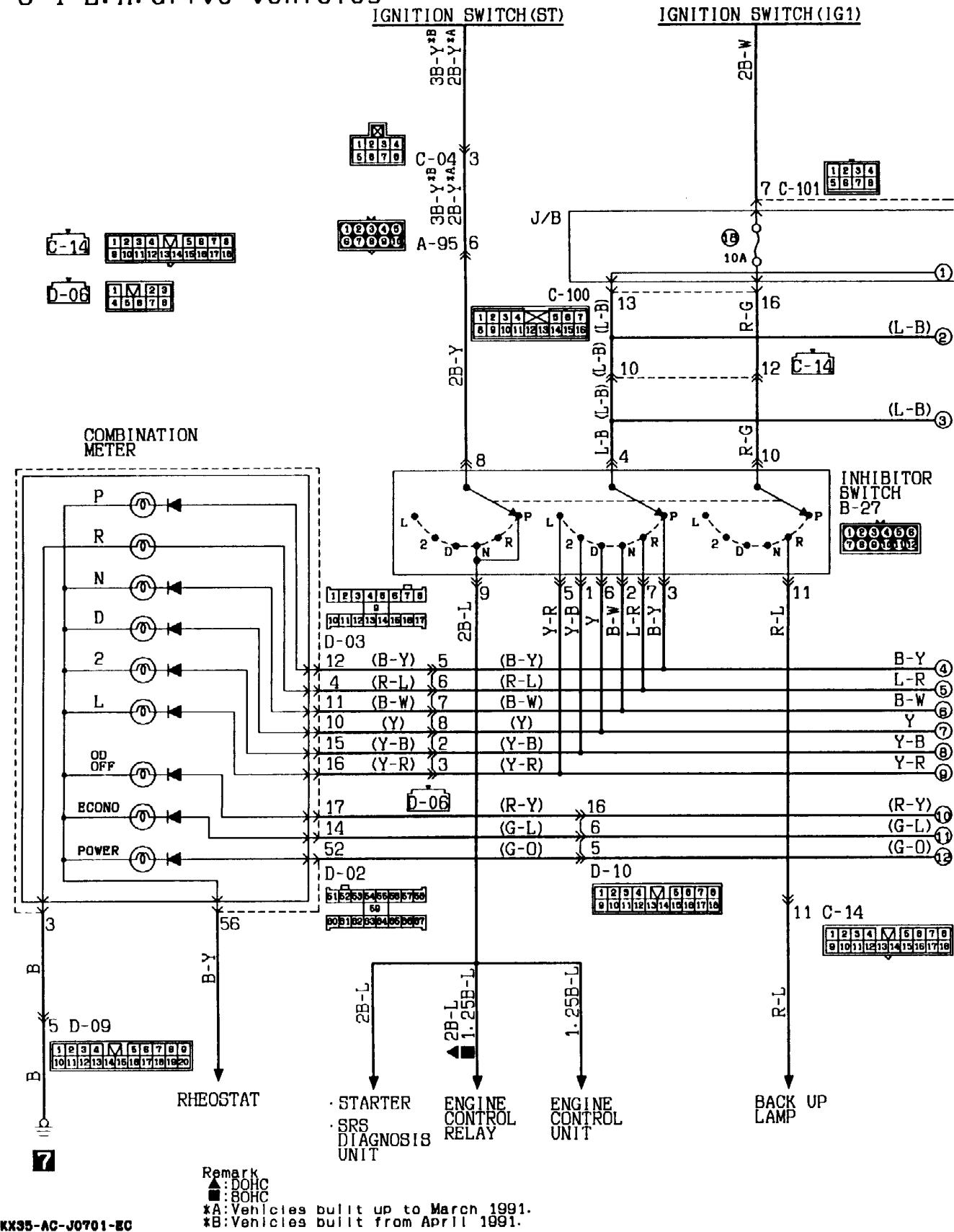


Remark
 □: L.H. drive vehicles.
 △: R.H. drive vehicles.

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

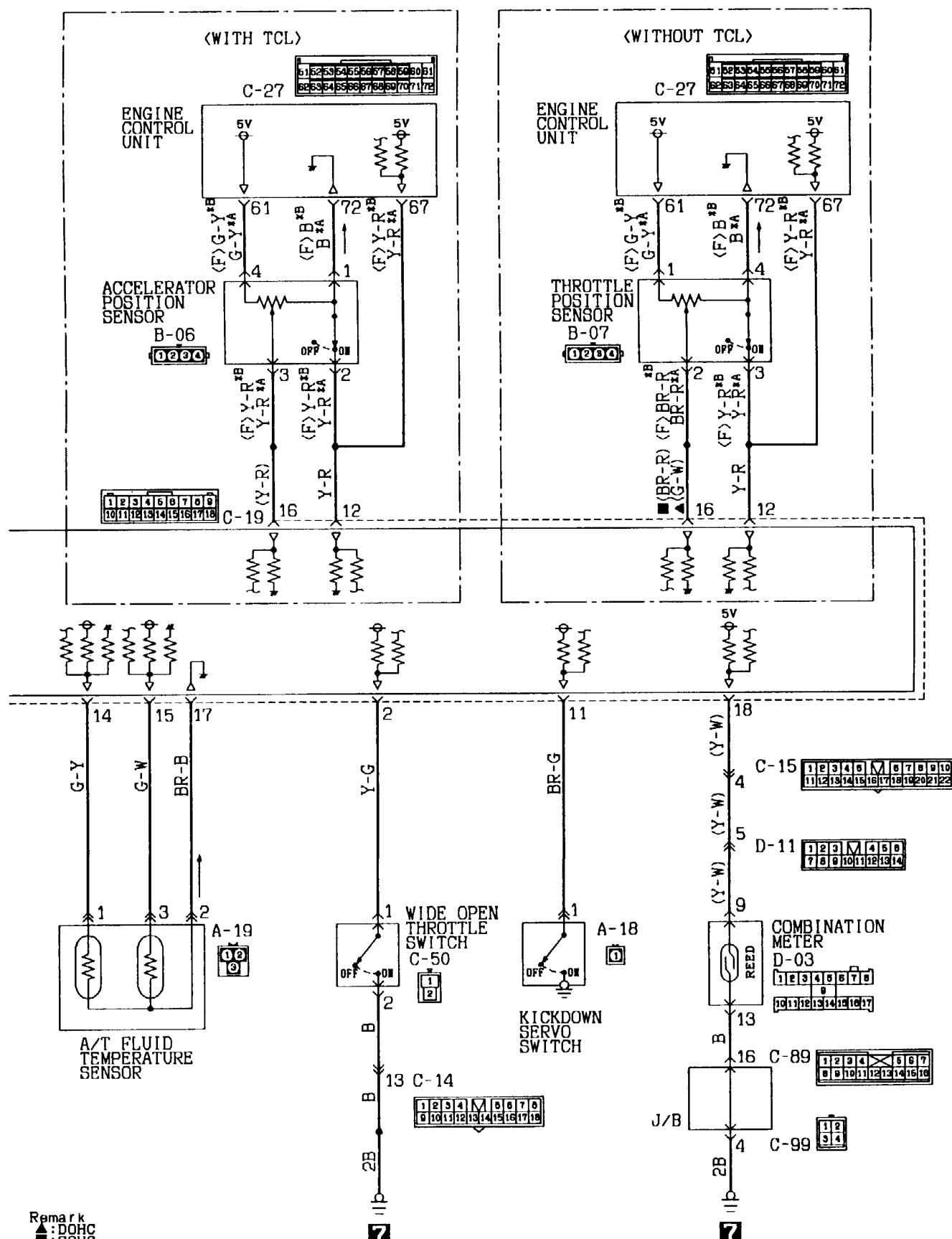
8 ELC 4-SPEED AUTOMATIC TRANSMISSION CIRCUIT

8-1 L. H. drive vehicles



CIRCUIT DIAGRAM — ELC 4-speed Automatic Transmission

4-59

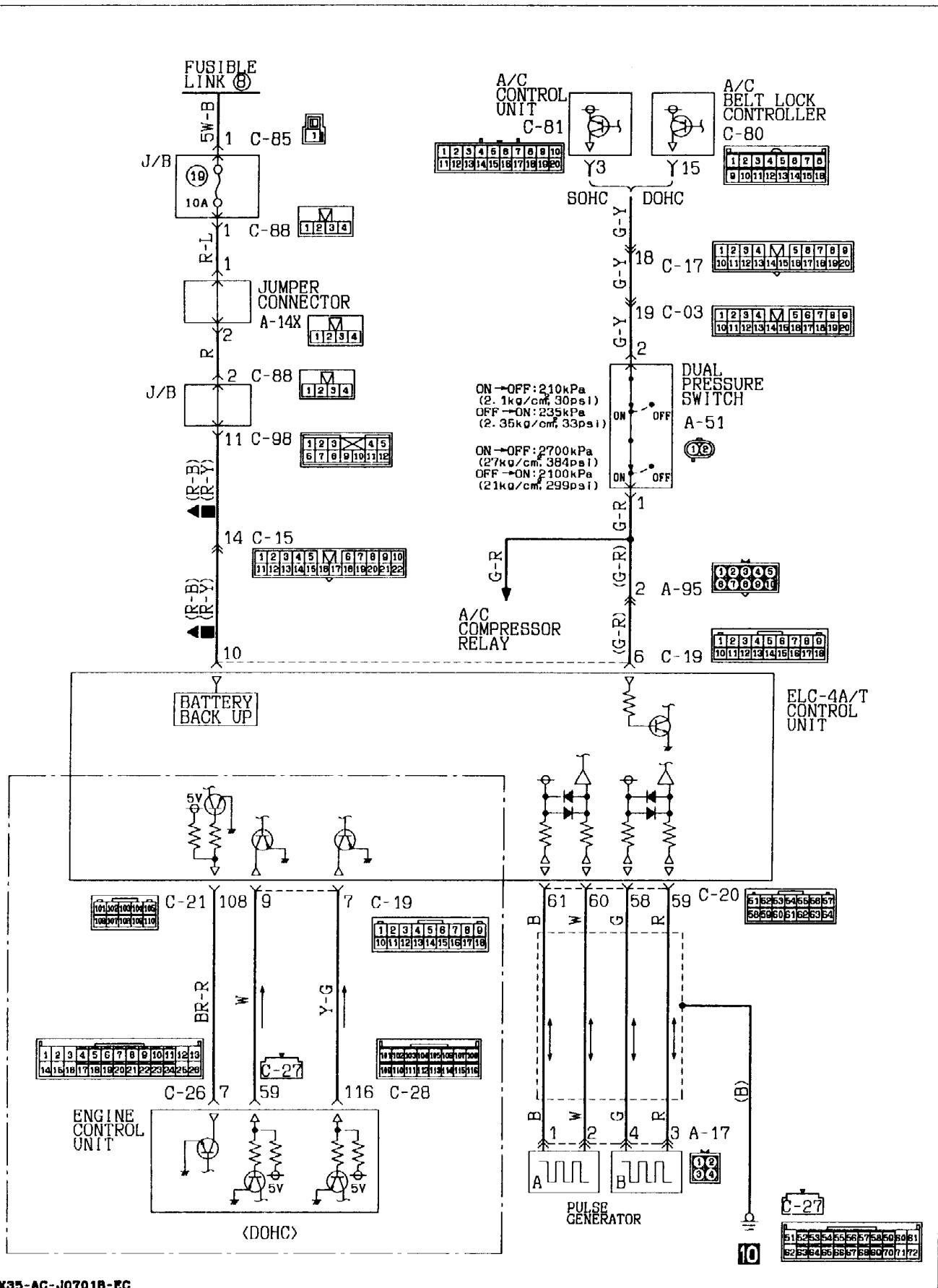


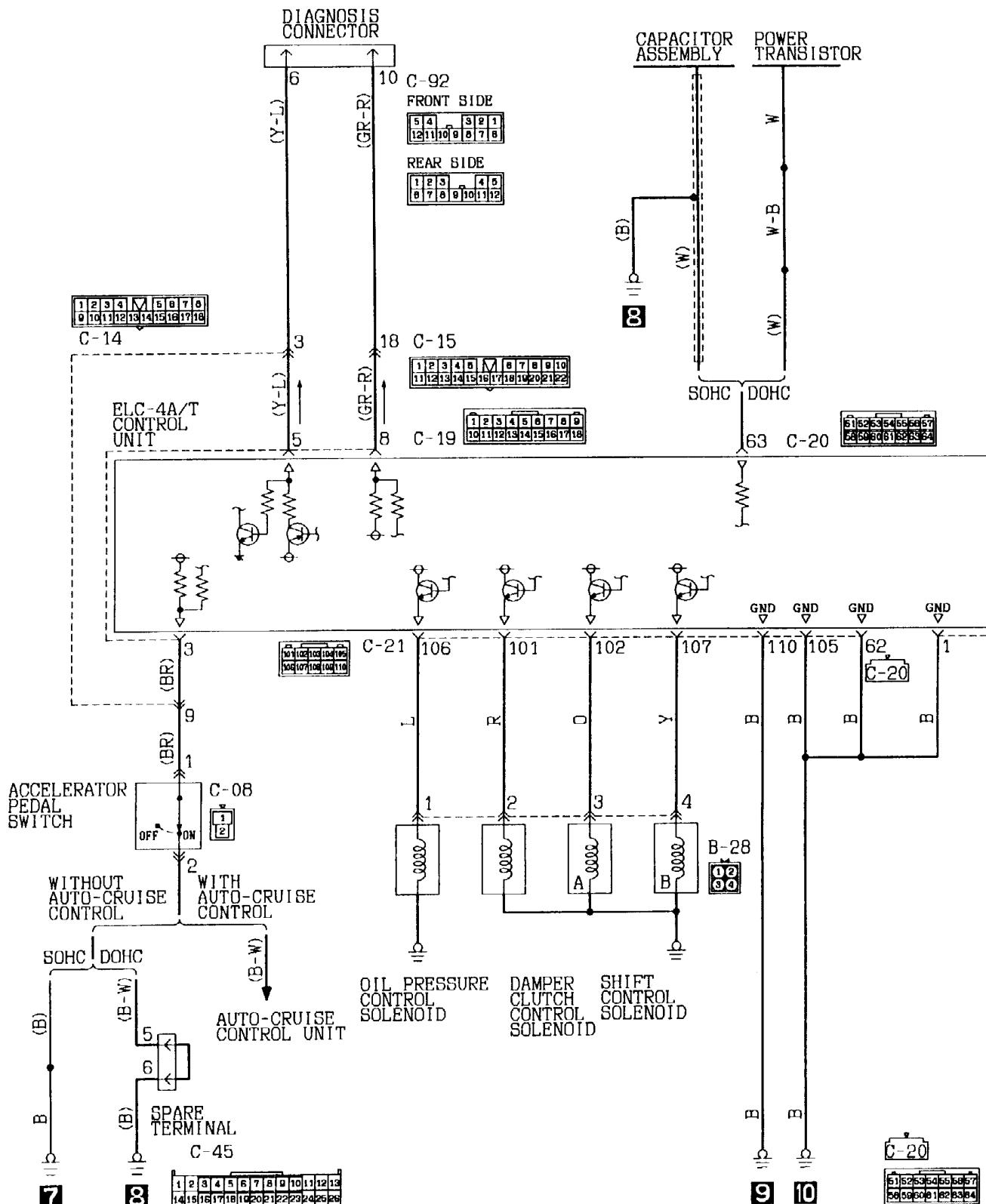
Remark
▲ : DOHC
■ : SOHC

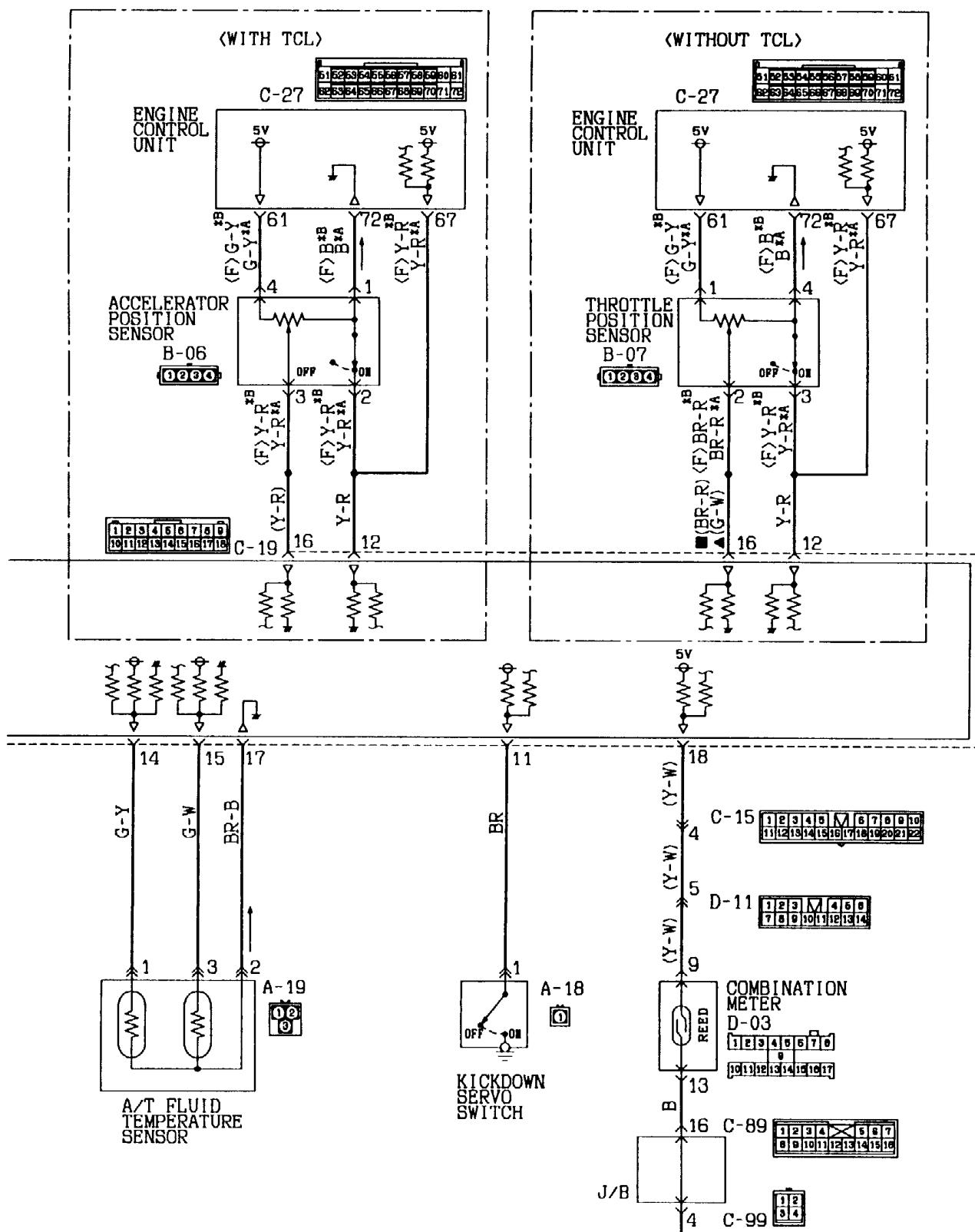
*A:VehI

*B:Vehicles built from April 1991.

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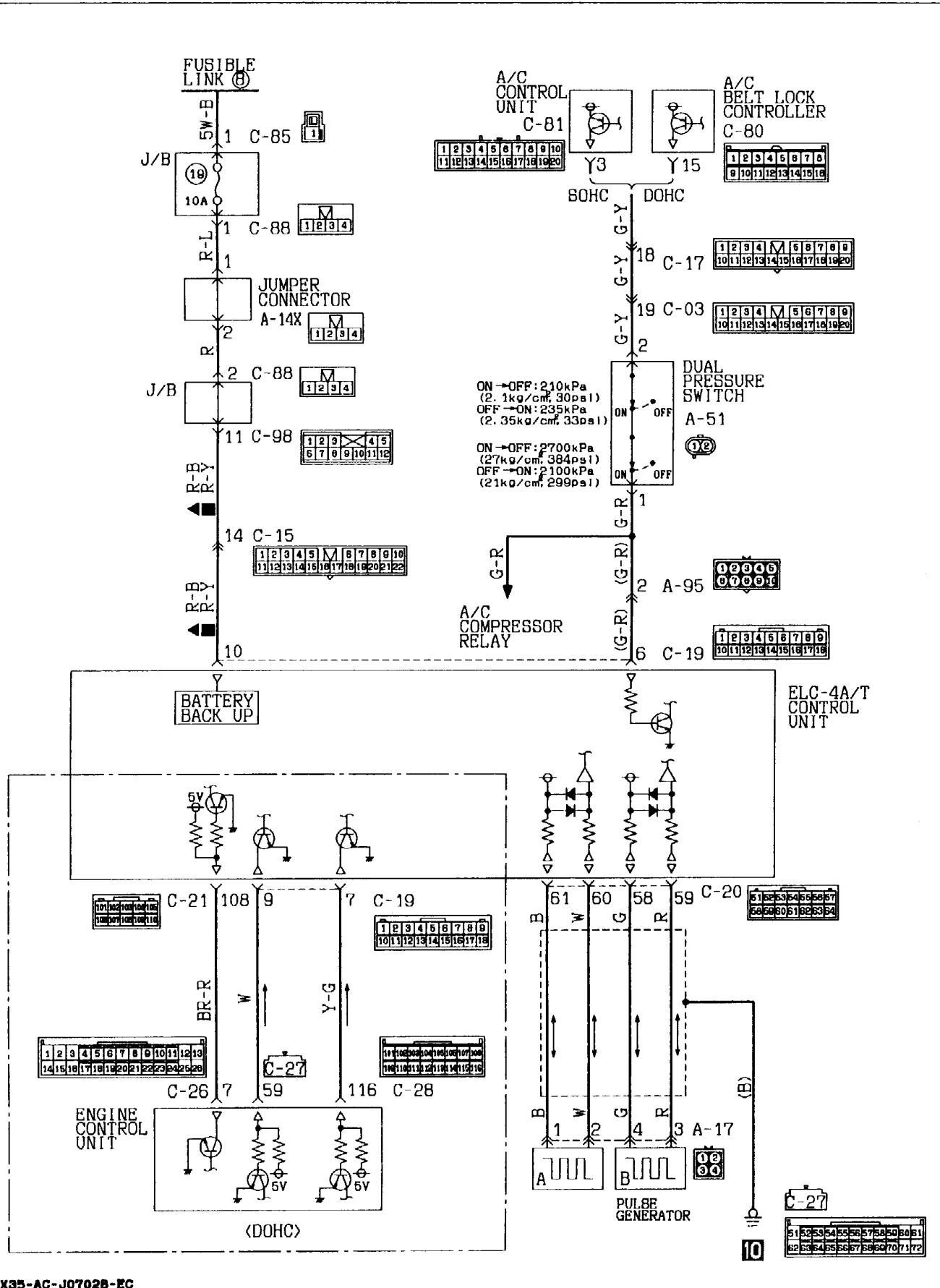






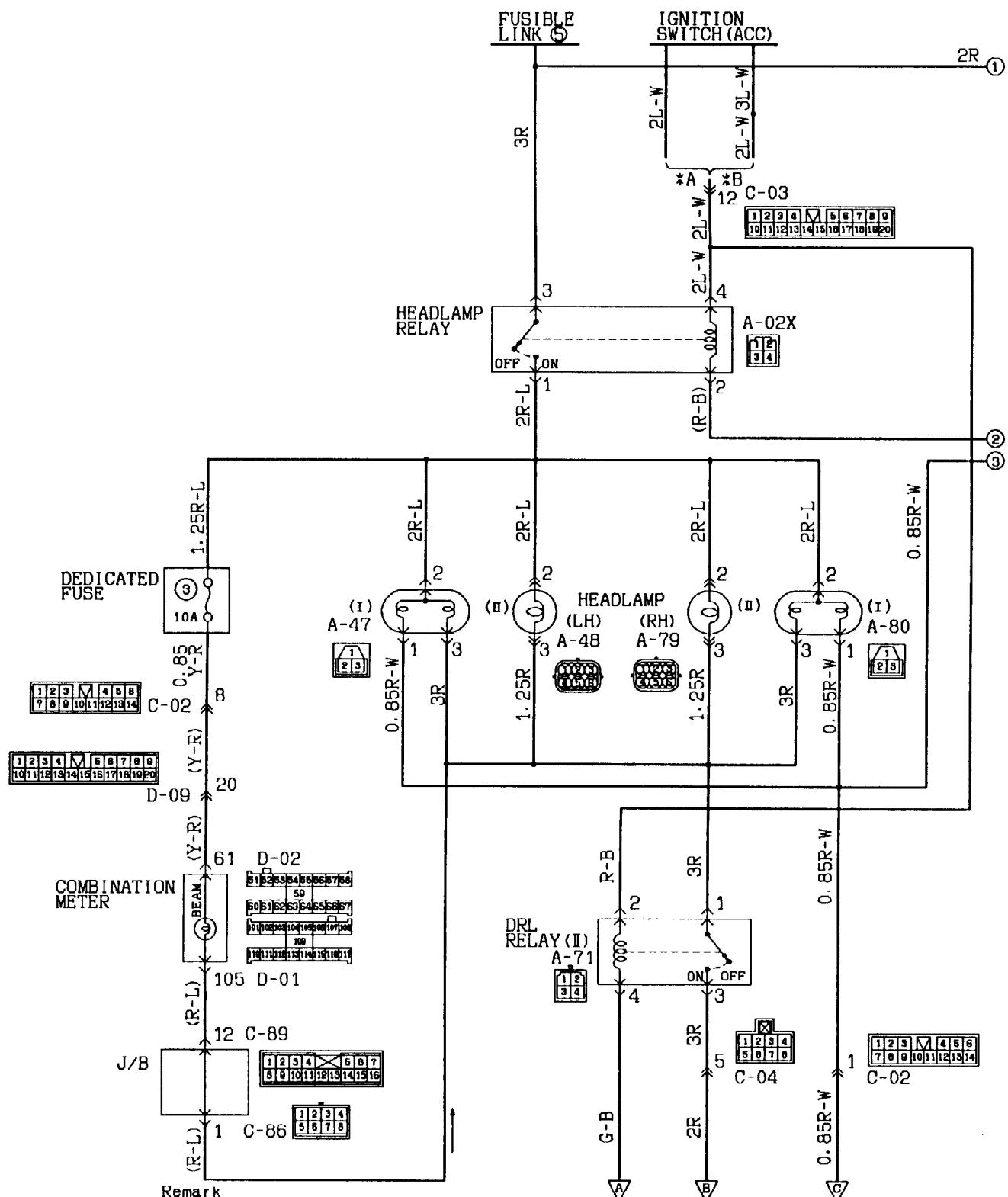
Remark
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■ : SOHC

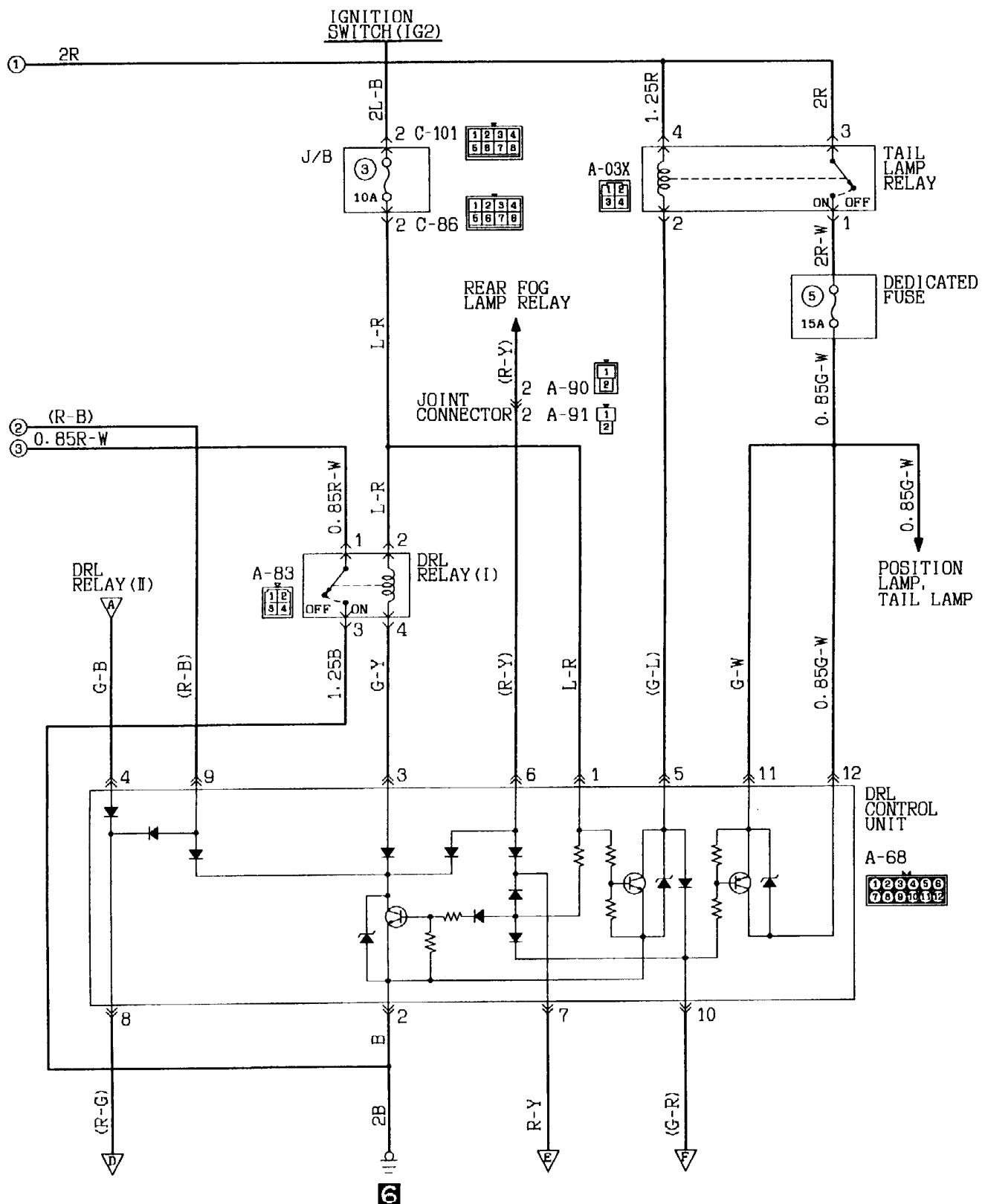
*A: Vehicles built up to March 1991.
*B: Vehicles built from April 1991.

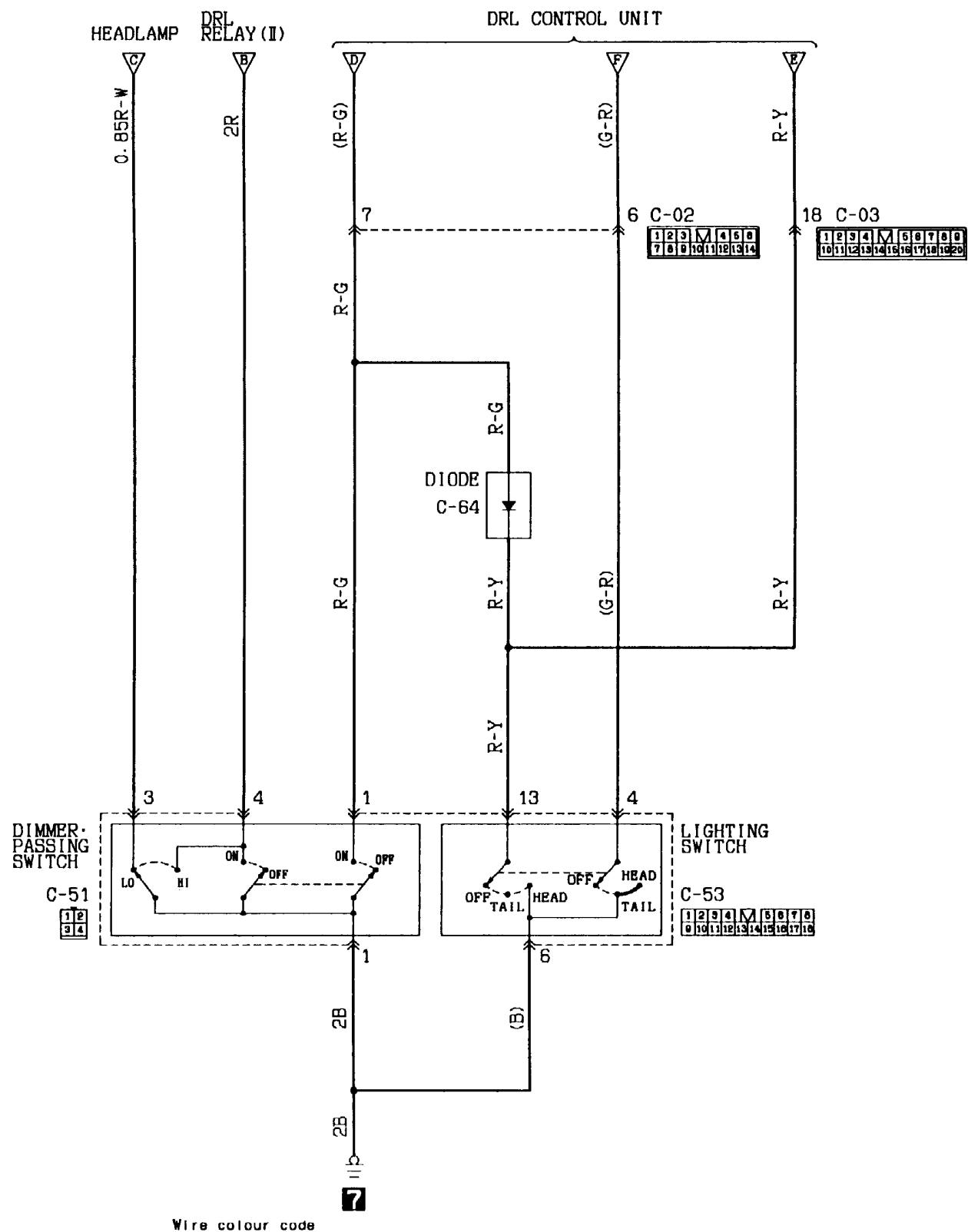


9 HEADLAMP CIRCUIT

9-1 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

HEADLAMP CIRCUIT <VEHICLES WITH DAYTIME RUNNING LAMP> (See P. 4-66.)**OPERATION**

Headlamp Relay ON Conditions

Ignition switch	Lighting switch	Dimmer/ passing switch	Headlamp relay
"ON"	"OFF"	-	ON
"ACC" or "ON"	"HEAD"	-	ON
"ACC" or "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 go 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.

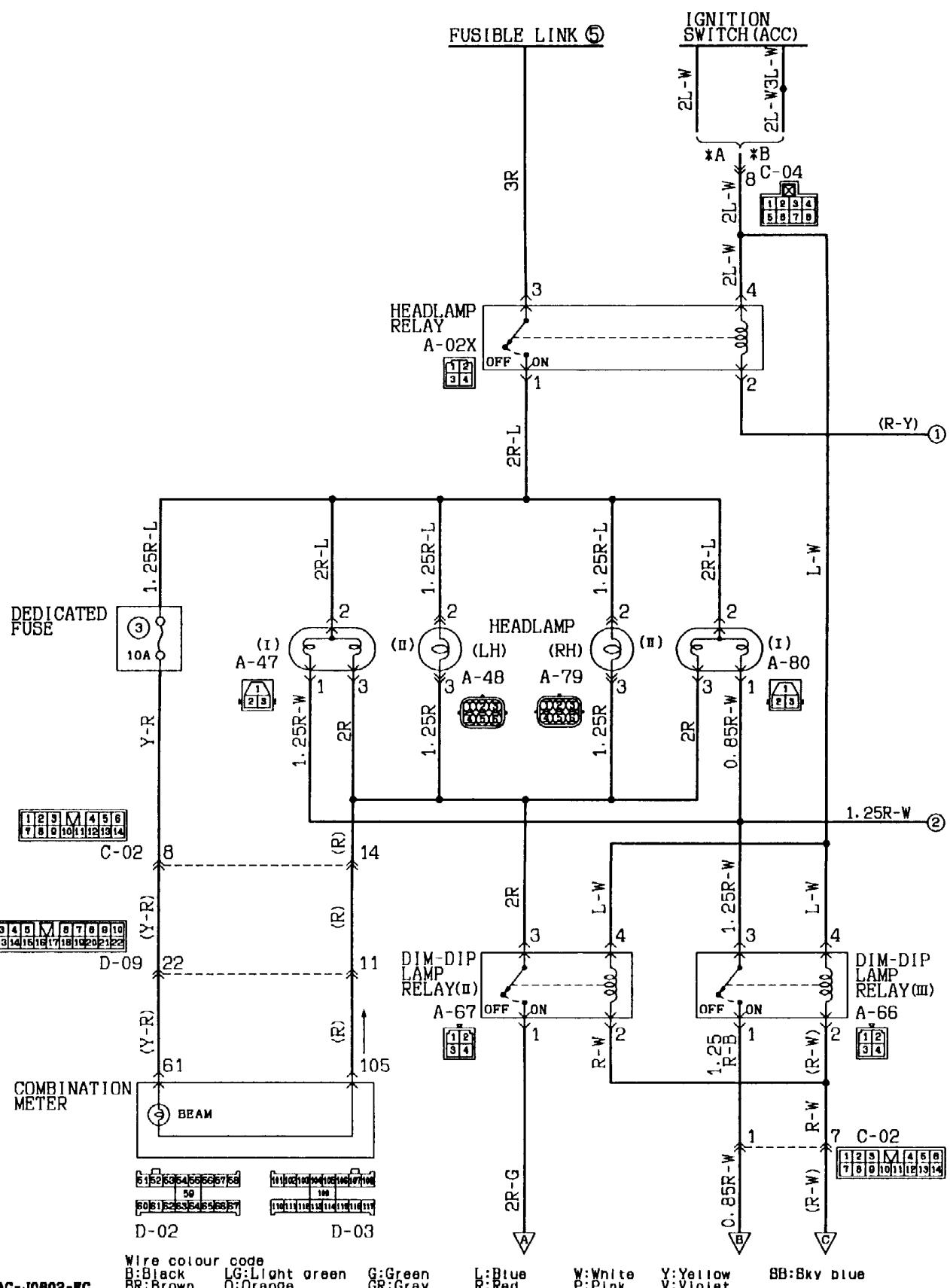
<Upper-beam indicator lamp>

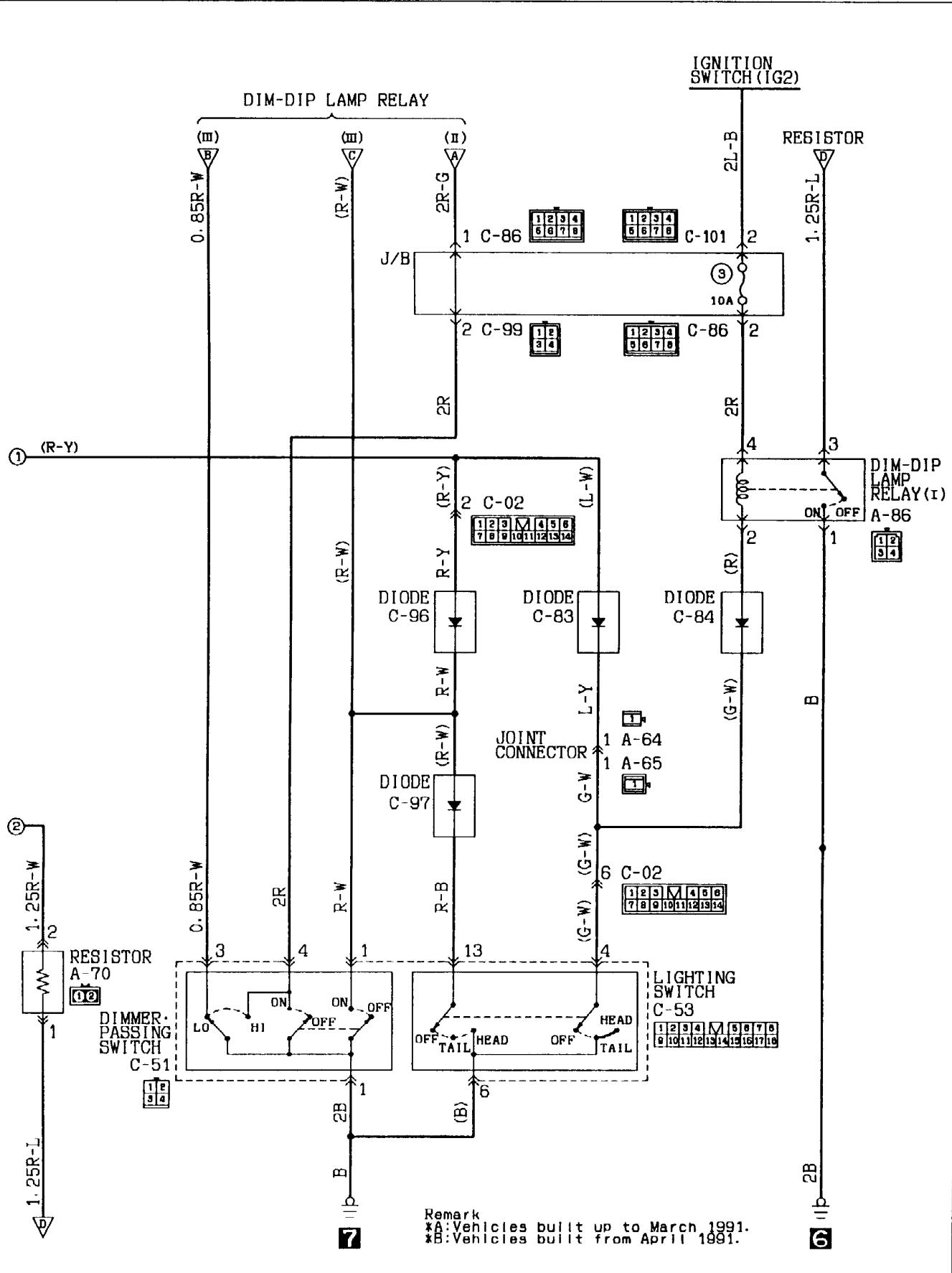
- This lamp lights up when the upper/passing beams are on, indicating that the headlamps are on in upper beam.

TROUBLESHOOTING HINTS

1. Headlamps don't go on.
 - 1) But the tail lamps illuminate.
 - Check the headlamp relay
 - Check the lighting switch.
 - 2) The tail lamps also don't illuminate.
 - Check the fusible link No. (5).
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 lamp 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 headlamp's 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 go on.
 - 1) Headlamp upper beams are operational.
 - Check dedicated fuse No. (3).
 - Check the indicator lamp bulb.

9-2 Vehicles with dim-dip lamp





HEADLAMP <VEHICLES WITH DIM-DIP LAMP> (See P. 4-70.)**OPERATION**

Headlamp Relay ON Conditions

Ignition switch	Lighting switch	Dimmer/ passing switch	Headlamp relay
"ON"	"TAIL"	-	ON
"ACC" or "ON"	"HEAD"	-	ON
"ACC" or "ON"	-	"PASS"	ON

<Dim-dim 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 relay (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.

TROUBLESHOOTING HINTS

1. Headlamps don't go on.
 - 1) But the tail lamps 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. (5).
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.
4. One headlamp doesn't illuminate.
 - Check the lamp 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 go on.
 - 1) Headlamp upper beams are operational.
 - Check dedicated fuse No. (3).
 - Check the indicator lamp bulb.

HEADLAMP CIRCUIT <VEHICLES WITHOUT DAYTIME RUNNING LAMP AND DIM-DIP LAMP> (See P. 4-74.)

OPERATION

Headlamp Relay ON Conditions

Ignition switch	Lighting switch	Dimmer/ passing switch	Headlamp relay
"ACC" or "ON"	"HEAD"	-	ON
"ACC" or "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, 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.

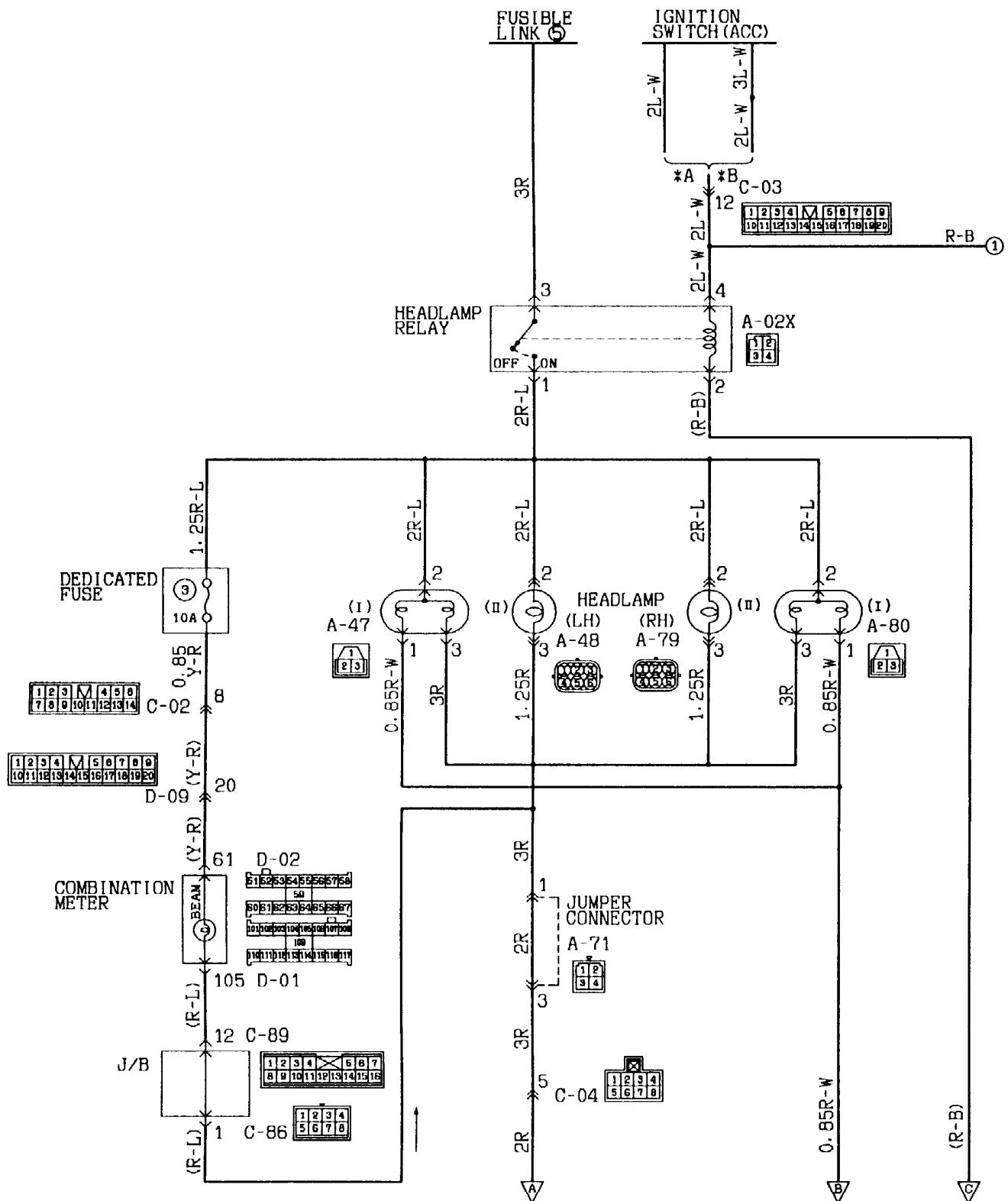
<Passing operation>

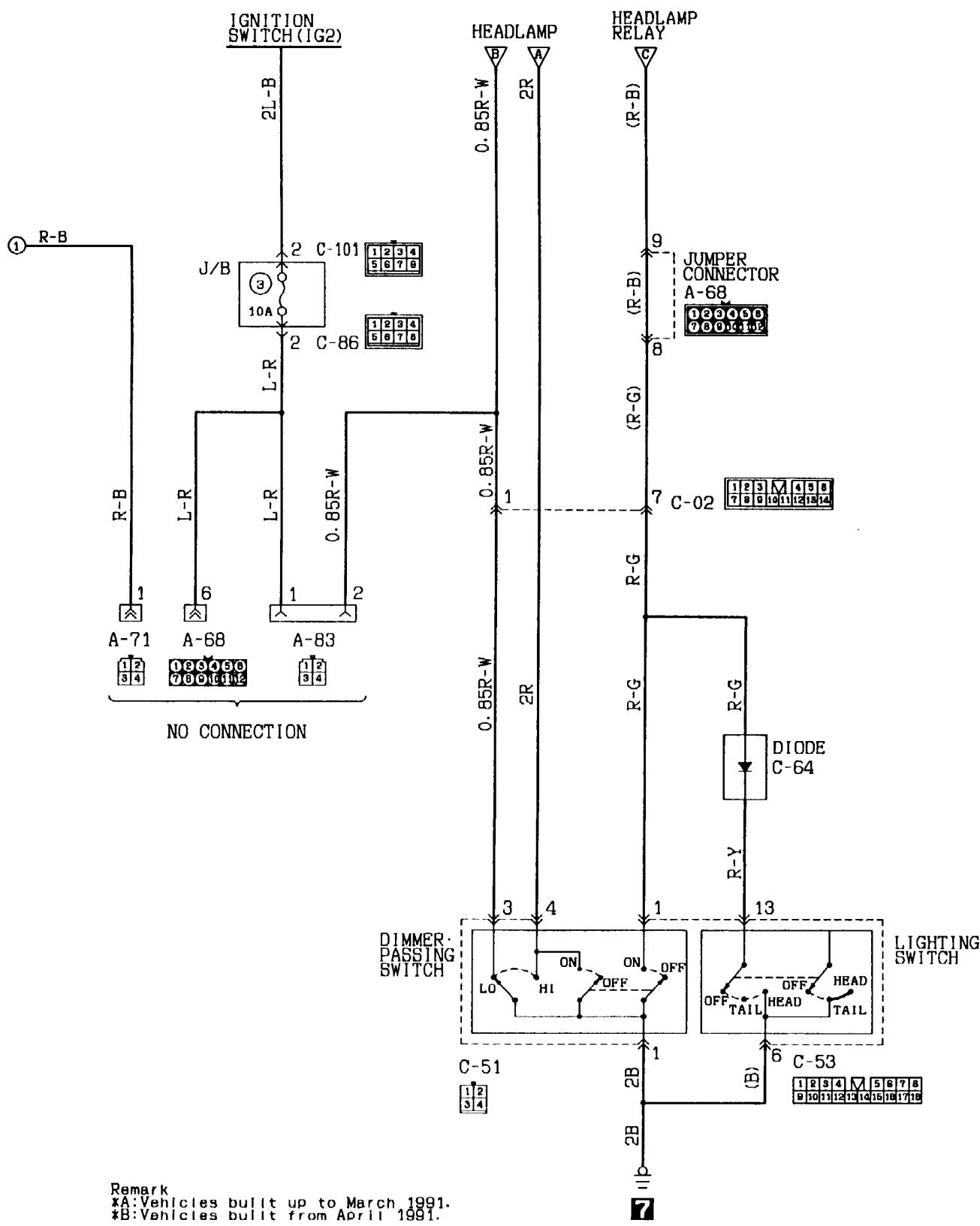
- When the dimmer/passing switch is set to the "ON" position, the headlamp relay is switched ON and the upper beam of the headlamps illuminates.

TROUBLESHOOTING HINTS

1. Headlamps don't go on.
 - 1) But the tail lamps illuminate.
 - Check the headlamp relay
 - Check the lighting switch.
 - 2) The tail lamps also don't illuminate.
 - Check the fusible link No. ⑤.
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.
4. One headlamp doesn't illuminate.
 - Check the lamp bulb.
5. Can't switch from low to upper beam or vice-versa.
 - Check the dimmer switch.
6. Upper-beam indicator lamp does not go on.
 - 1) Headlamp upper beams are operational.
 - Check dedicated fuse No. ③.
 - Check the indicator lamp bulb.

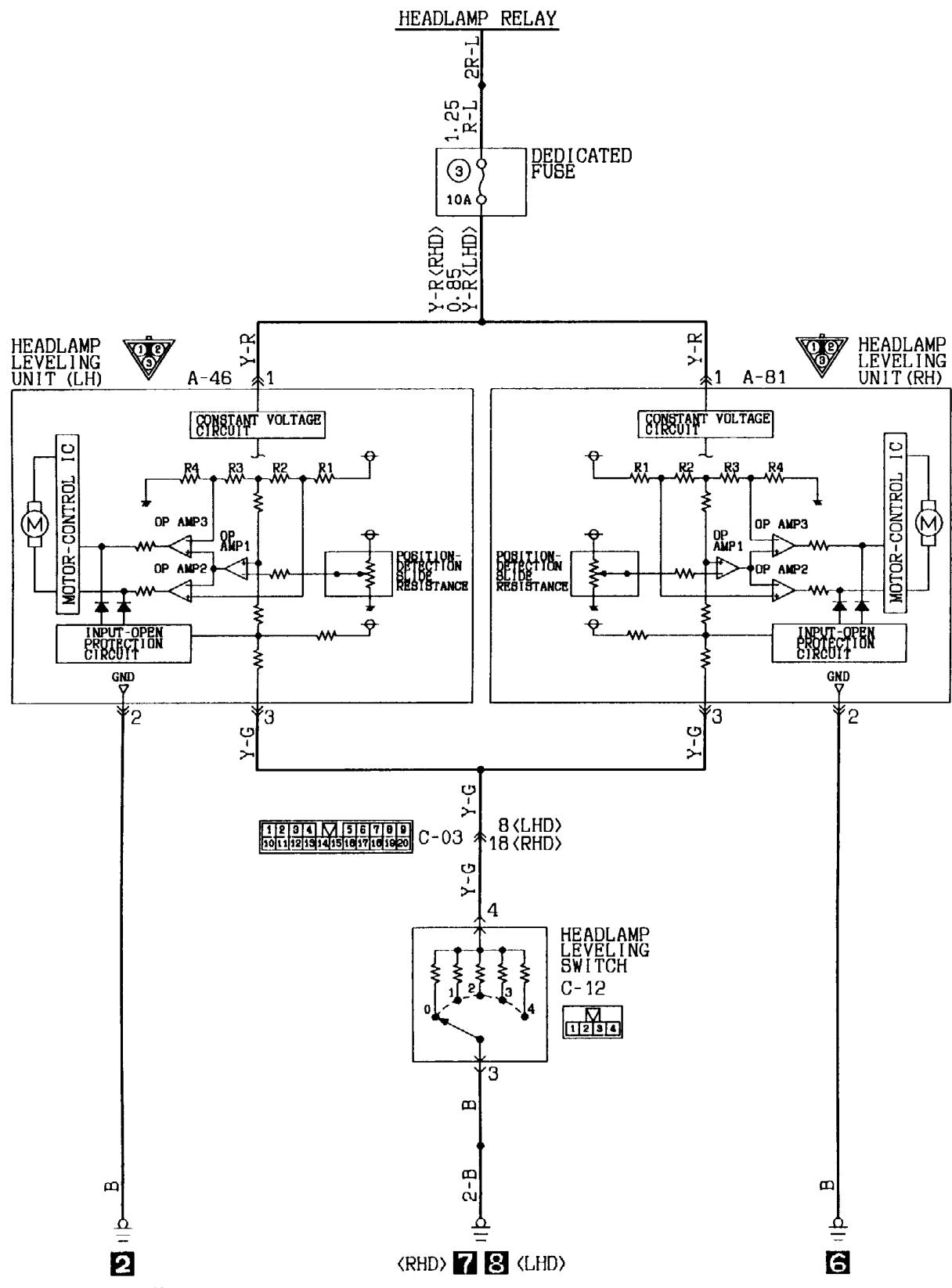
9-3 Vehicles without daytime running lamp and dim-dip lamp





Remark
*A: Vehicles built up to March 1991.
*B: Vehicles built from April 1991.

9-4 Headlamp leveling 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 V:Violet

SB:Sky blue

REAR FOG LAMP CIRCUIT (See P. 4-88, 91.)**OPERATION**

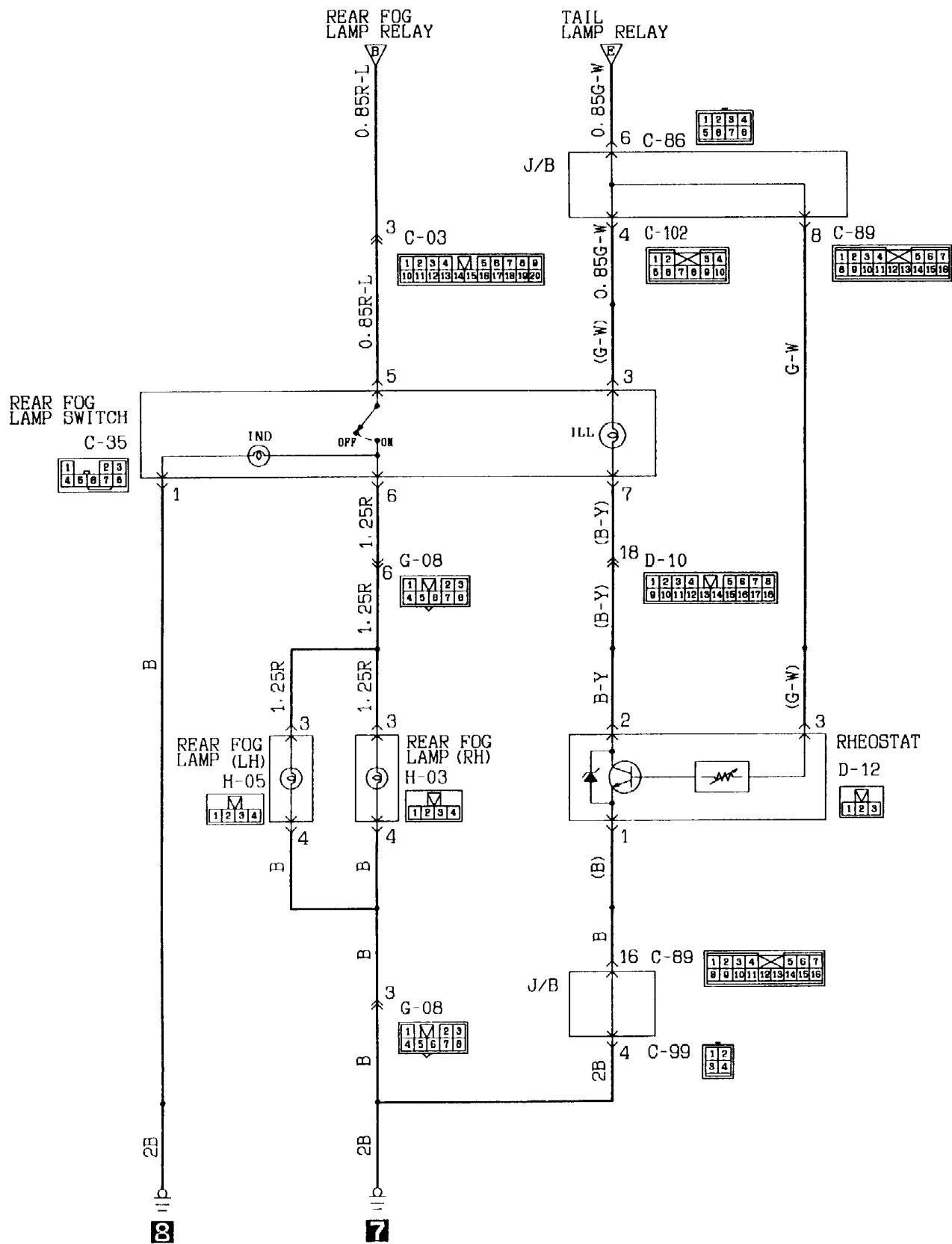
Rear Fog lamp Relay ON Conditions

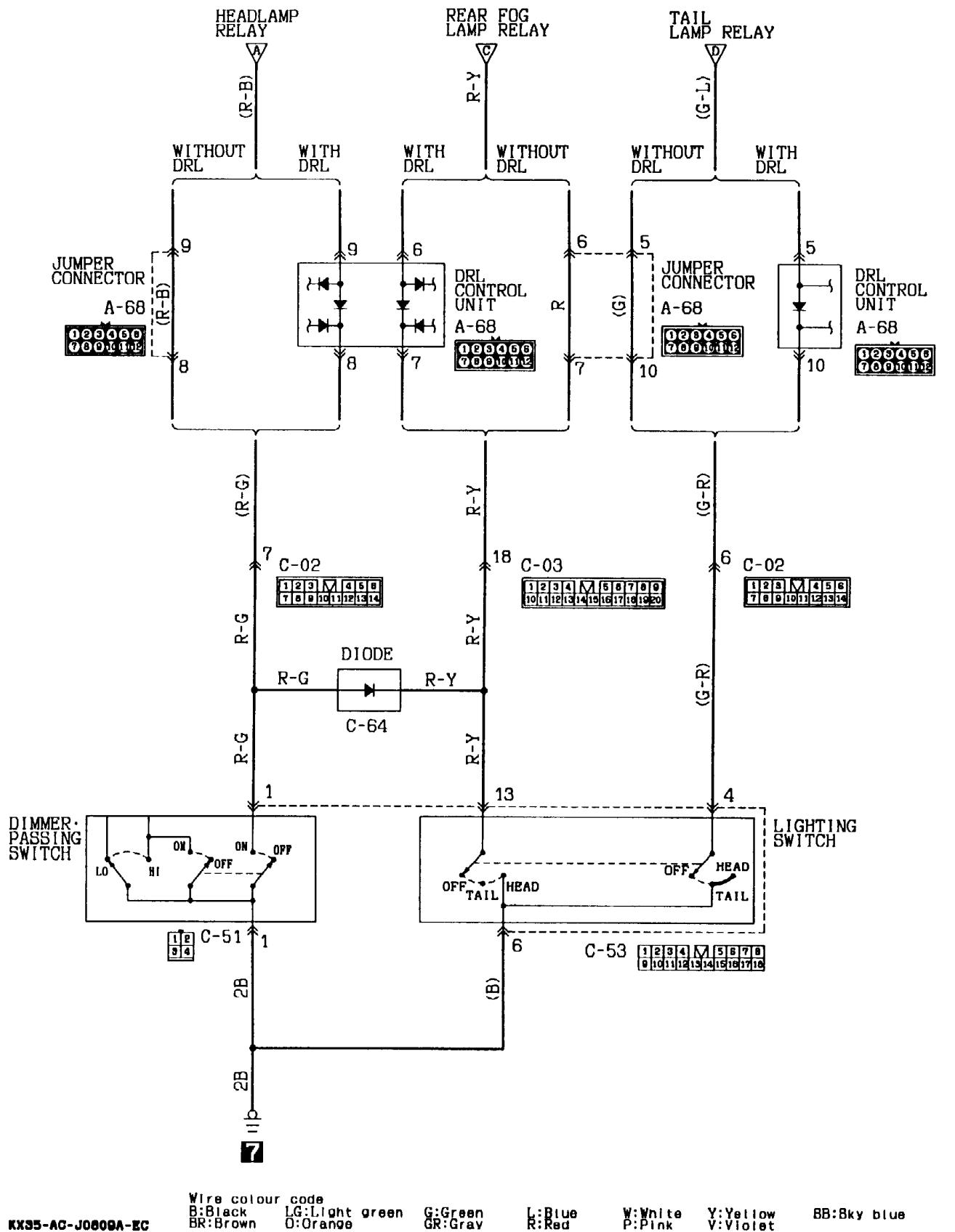
Ignition switch	Lighting switch	Rear fog lamp relay
"ACC" or "ON"	"HEAD"	ON

- 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.

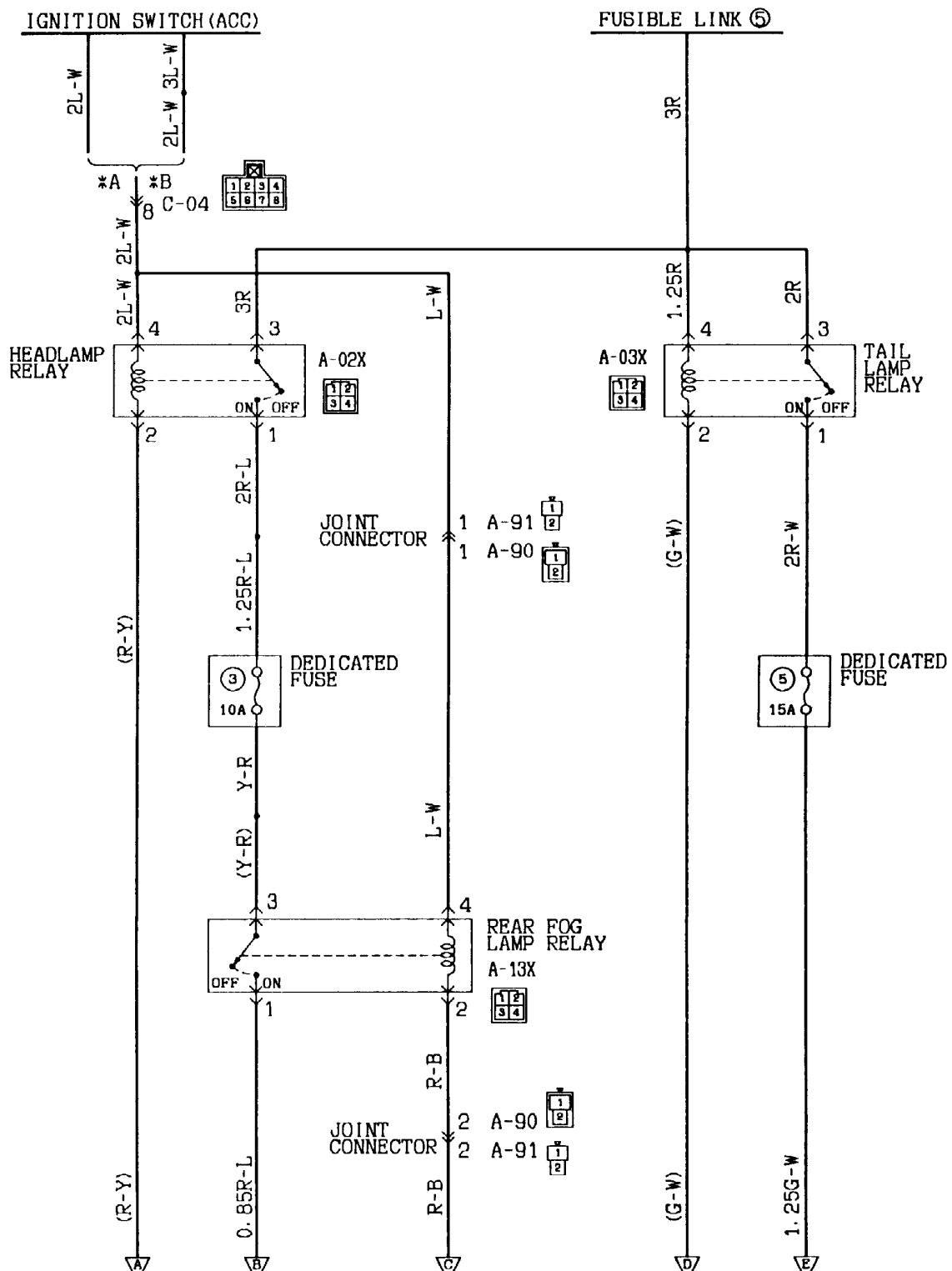
TROUBLESHOOTING HINTS

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.



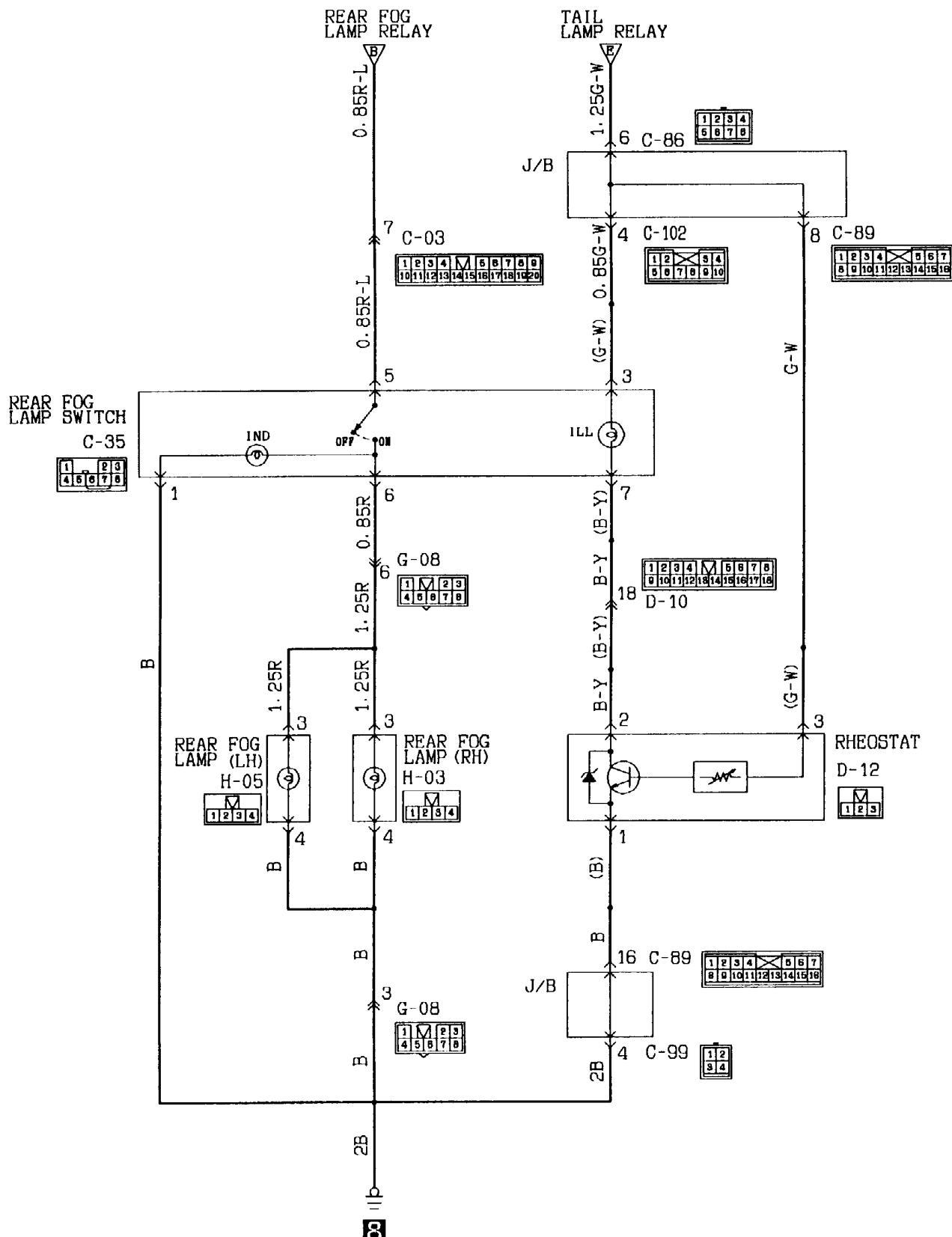


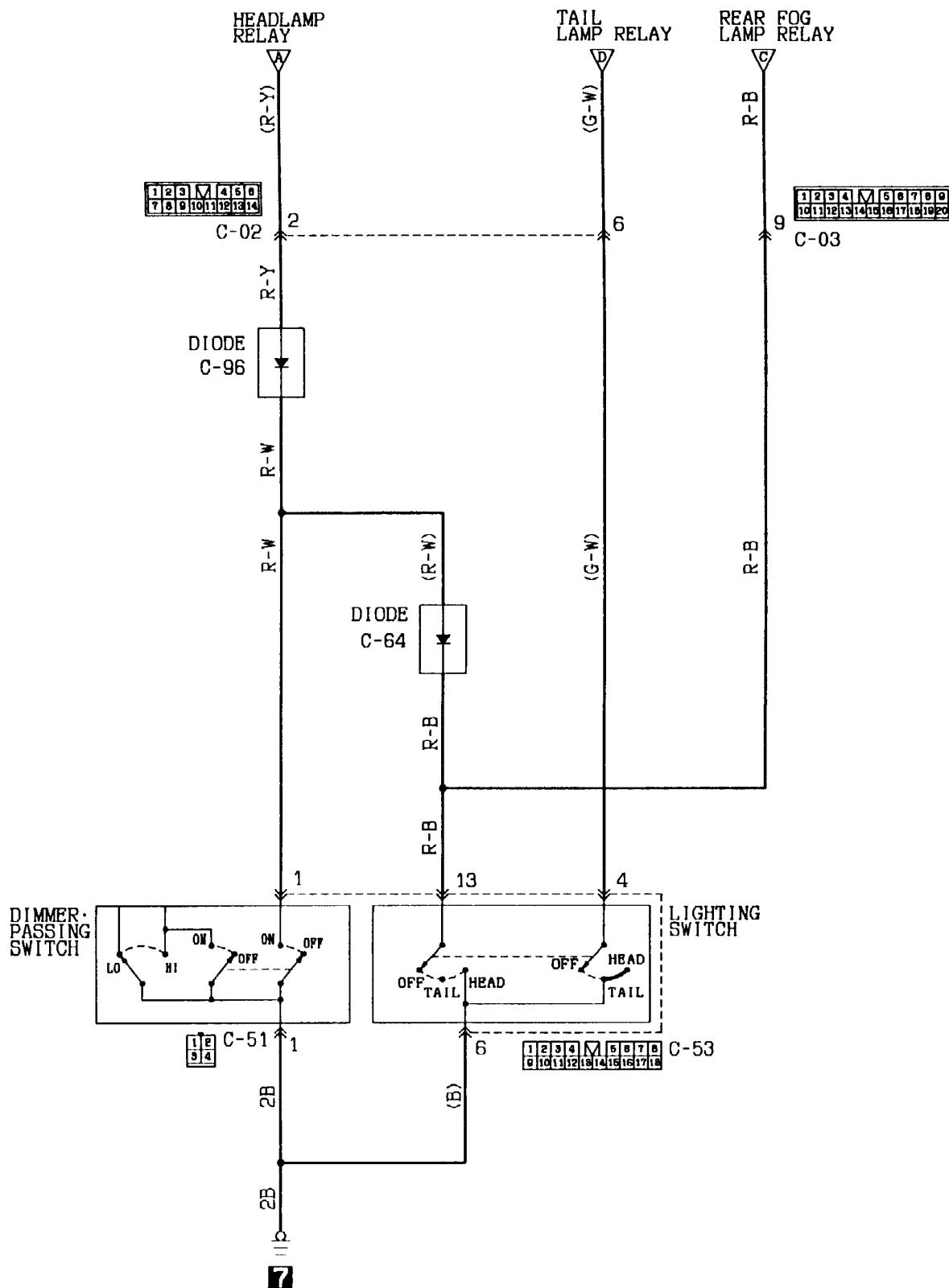
12-2 R. H. drive vehicles



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	



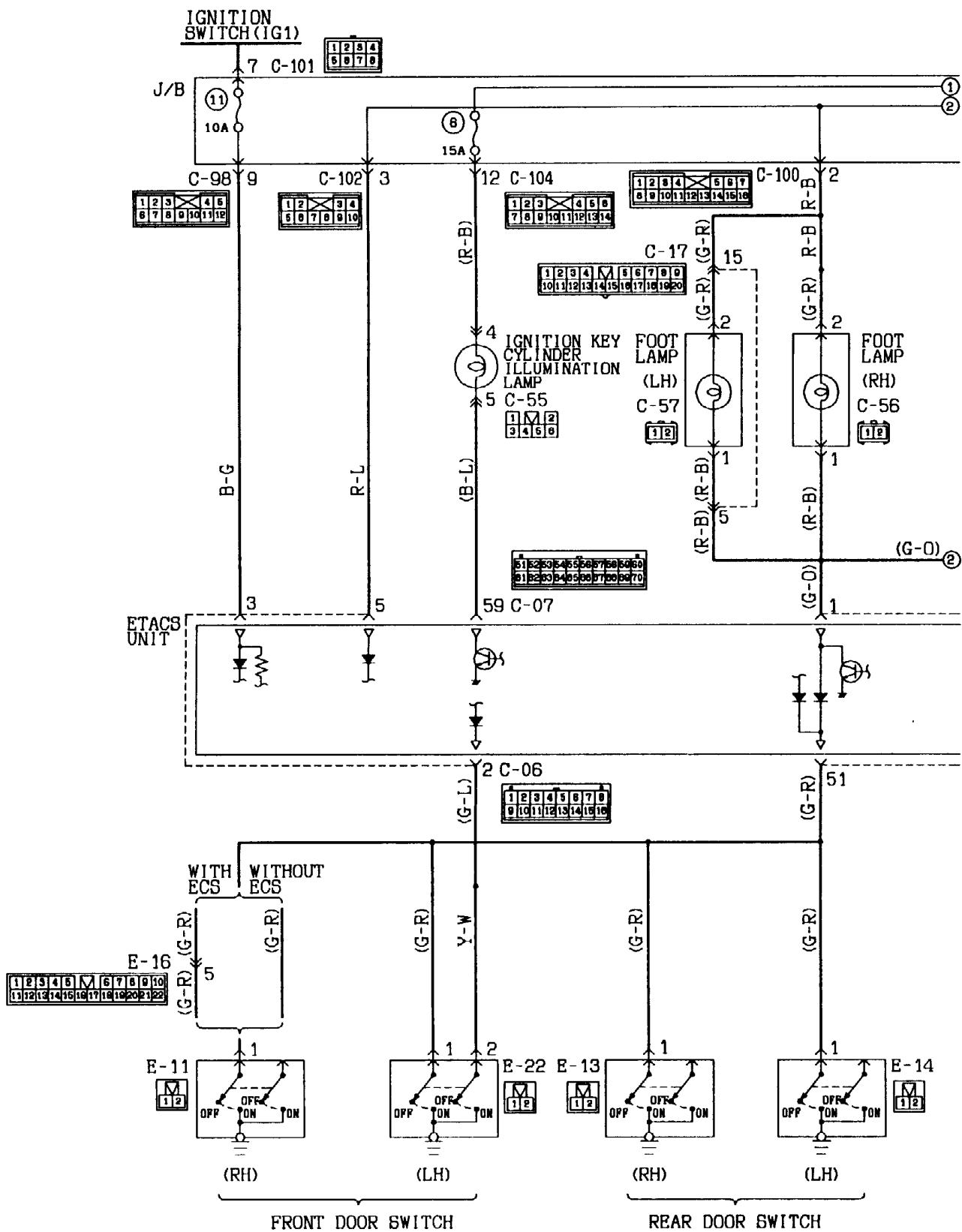


Wire colour code

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	

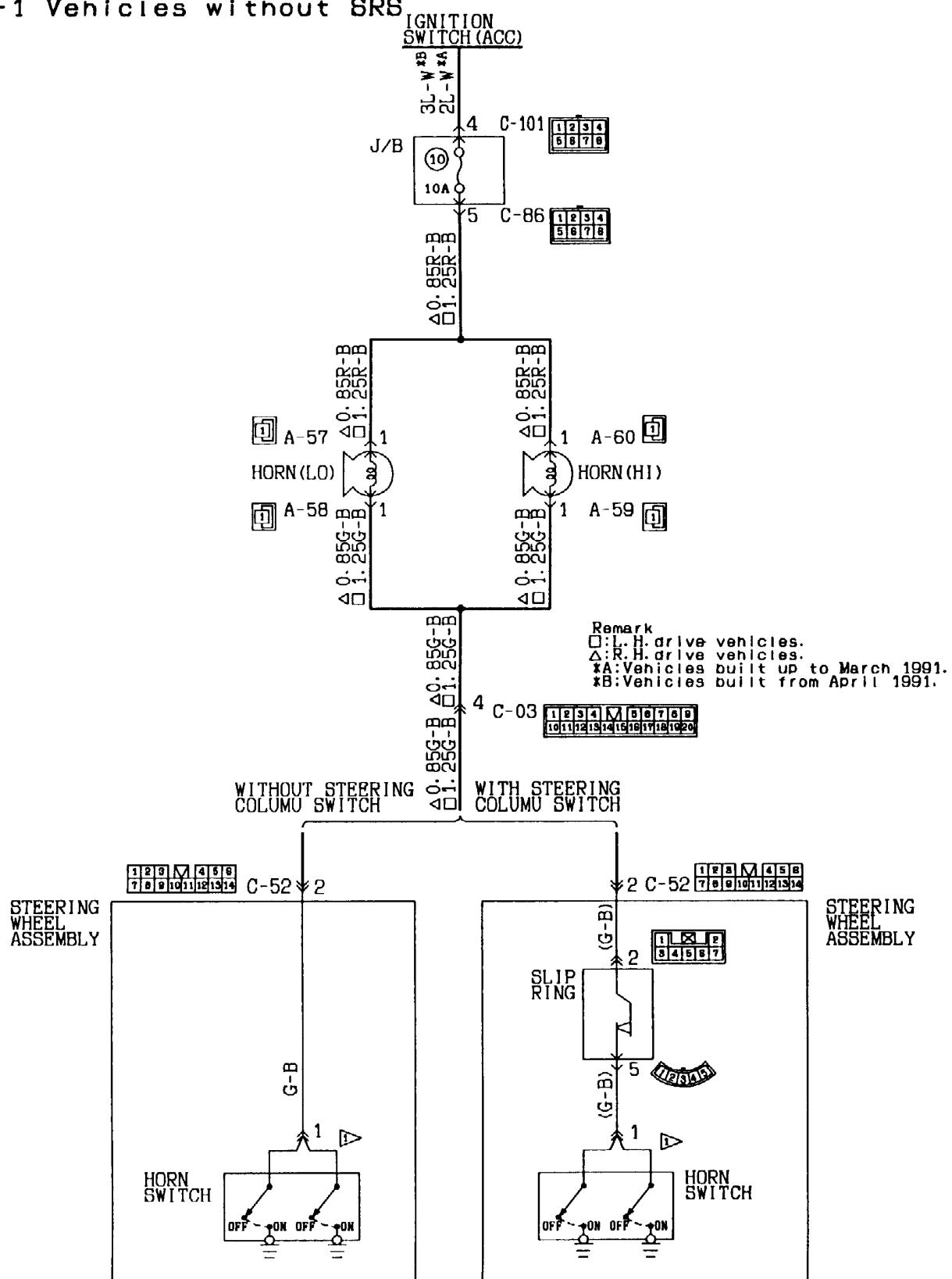
13 ROOM LAMP, MAP LAMP, FOOT LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP CIRCUIT

13-1 L.H. drive vehicles

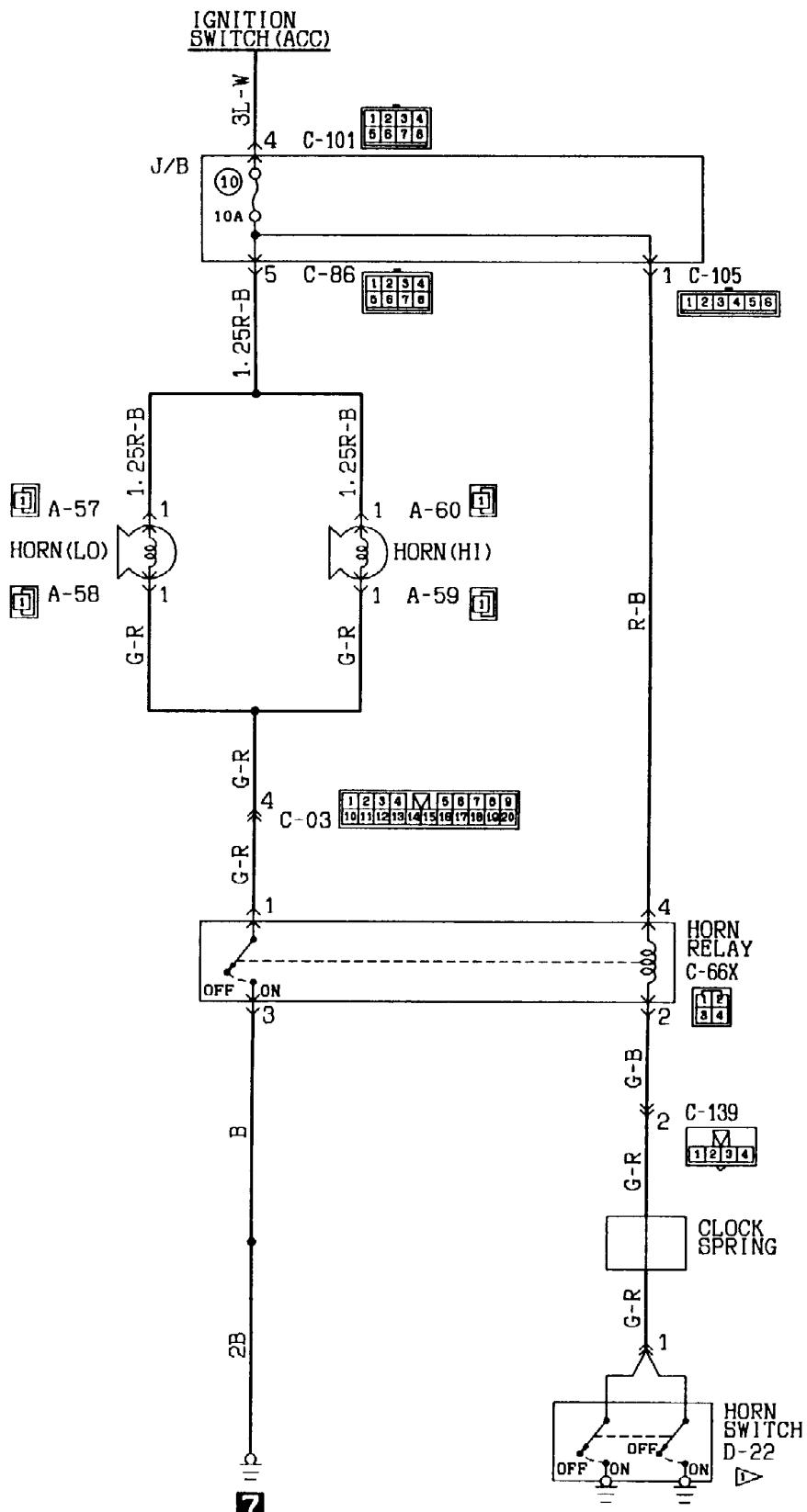


20 HORN CIRCUIT

20-1 Vehicles without SRS



20-2 Vehicles with SRS



Wire colour code

B:Black

BR:Brown LG:Light green

O:Orange

GR:Gray

G:Green

L:Blue

R:Red

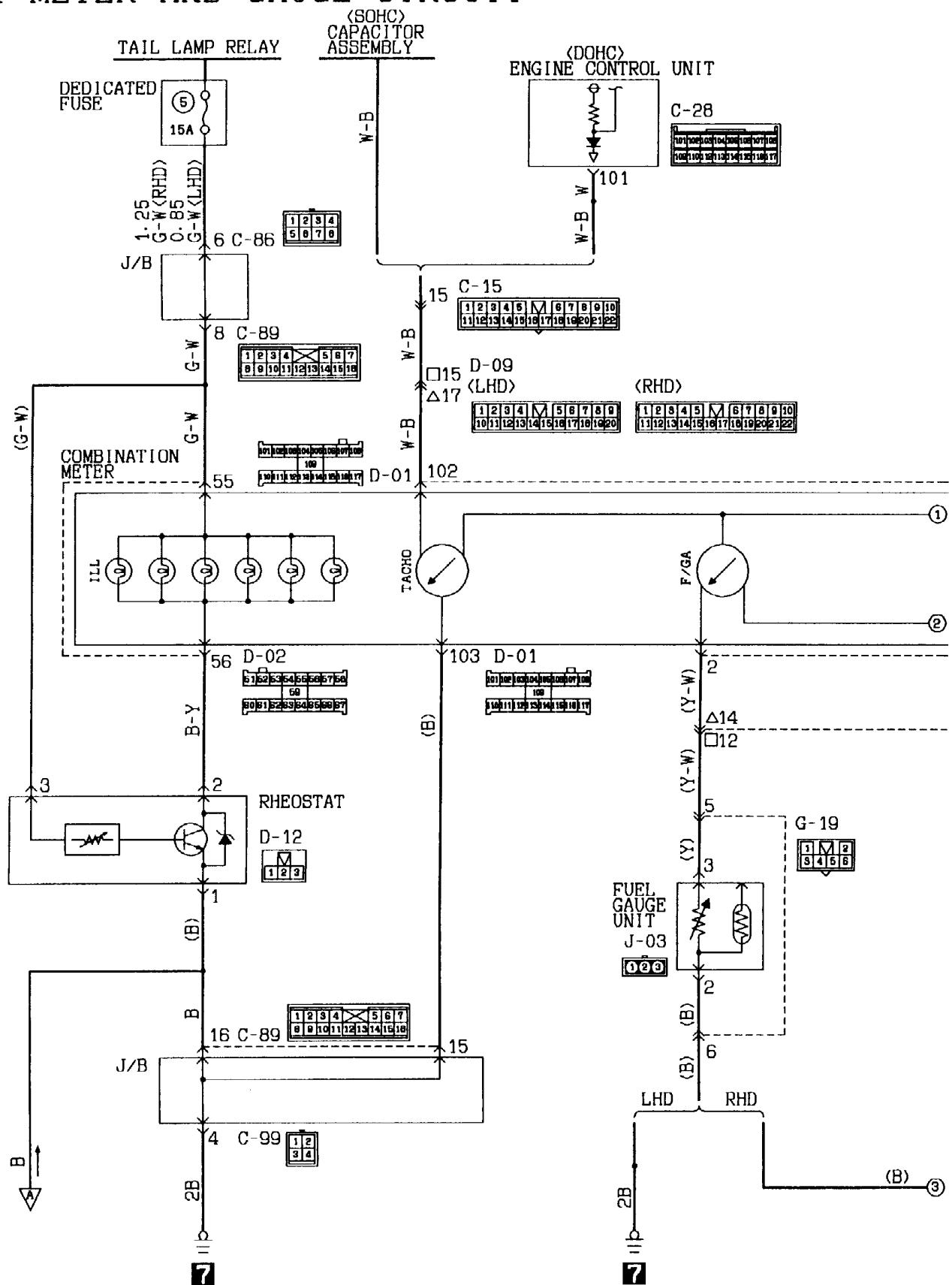
W:White

P:Pink

V:Violet

SB:Sky blue

21 METER AND GAUGE CIRCUIT



WARNING LAMP CIRCUIT (See P. 4-114, 118.)**OPERATION****<Brake warning lamp>**

- When the brake fluid level goes down below a predetermined level or parking brake lever is pulled, with the ignition switch in the ON position, the brake fluid level sensor is activated or the parking brake switch is turned ON, causing the brake warning lamp to light up.

<Low fuel warning lamp>

- When the fuel level goes down causing the level sensor to be exposed, with the ignition switch in the ON position, the resistance of level sensor becomes small. When this resistance goes down below the predetermined level, the low fuel warning lamp lights up to warn the driver that the amount of fuel still available for use is small.

<Oil pressure warning lamp>

- When the lubrication system fails after engine starting, resulting in the oil pressure failing to build up, the oil pressure switch turns ON causing the oil pressure warning lamp to light up.

<Low washer fluid warning lamp>

- If the headlamp washer fluid or windshield washer fluid is below the specified level when the ignition switch is in the "ON" position, the washer fluid level sensor will be turned on to light the low washer fluid warning lamp.

<Low engine oil warning lamp>

- When the ignition switch is turned to the "ON" position (in the state where the engine is stopped), electric current will flow to terminal "L" of the alternator through the multi-purpose fuse No. ⑪, low engine oil warning lamp and engine oil level relay and the low engine oil warning lamp will also light up.
- When the engine starts, the charging voltage will be applied to the terminal "L" of the alternator. Therefore, the low engine oil warning lamp will go out.
- When the engine oil temperature rises to approx. 55°C (131°F), the engine oil level sensor (TEMP) provided in the oil pan will be turned off.
- When the engine oil amount in the oil pan drops below the set level in this state, the engine oil level sensor (LEVEL) will be turned off to apply the voltage to the delay circuit.
- If the "OFF" state continues for approx. 20 seconds or more, the power transistor will be turned on to light the low engine oil warning lamp to indicate a shortage of engine oil.

Remark

The delay circuit is provided to prevent the low engine oil warning lamp from going on even if the engine oil level sensor is temporarily turned off due to cornering or other running conditions of the vehicle.

<Charge warning lamp>

- See CHARGING CIRCUIT (P. 4-22.)

<Check engine warning lamp>

- See the Service Adjustment Procedure, in Group 11 of the separate WORKSHOP MANUAL (Pub. No. PWGE9004)

<ABS warning lamp>

- See the Troubleshooting of Anti-skid Brake in Group 35 of the separate WORKSHOP MANUAL (Pub No. PWGE9004)

<4WS fluid level warning lamp>

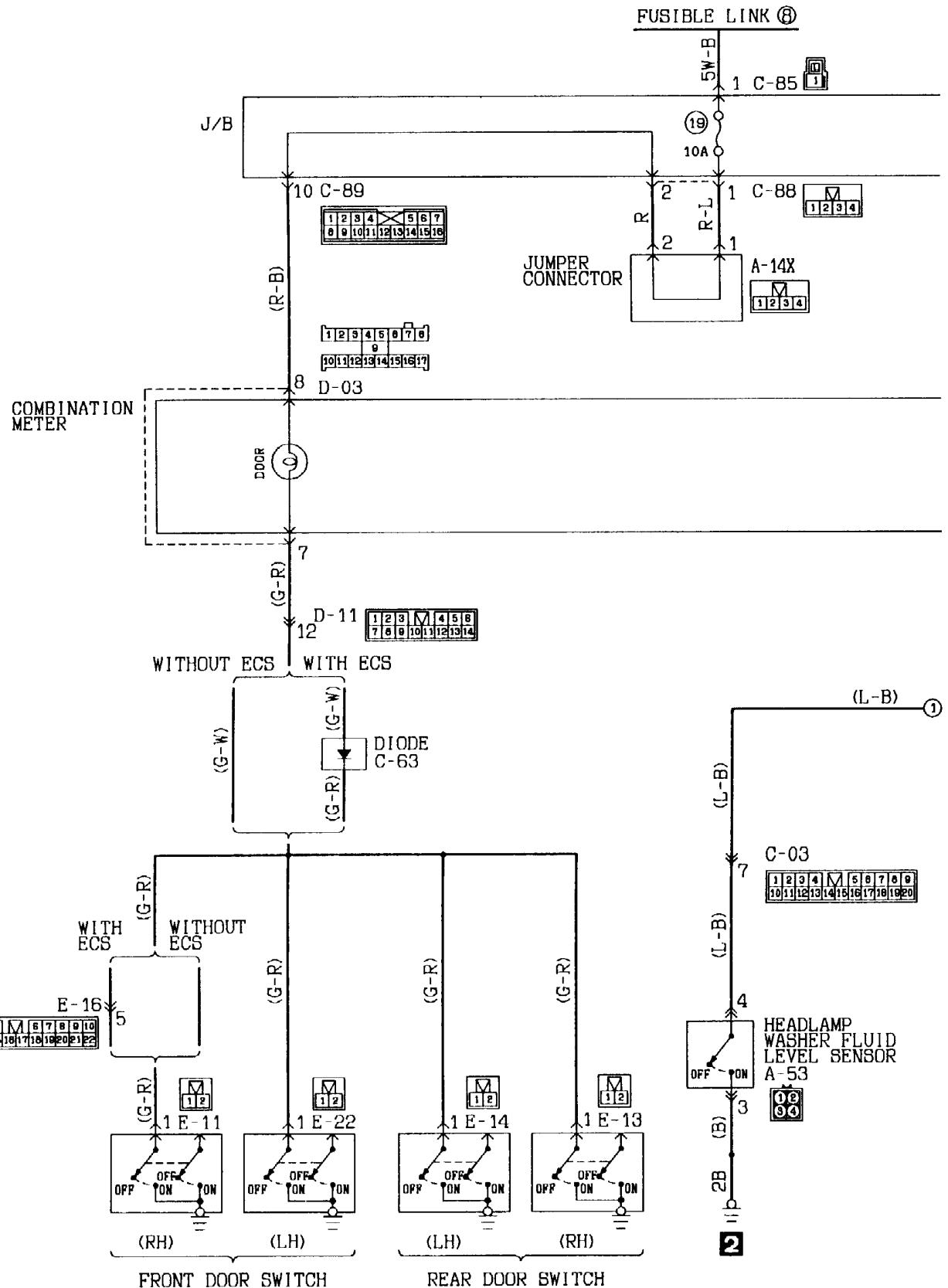
- When, with the ignition switch at the ON position, the amount of 4WS fluid becomes less than the specified amount, the 4WS fluid level sensor is switched ON and the warning lamp illuminates.

<SRS warning lamp>

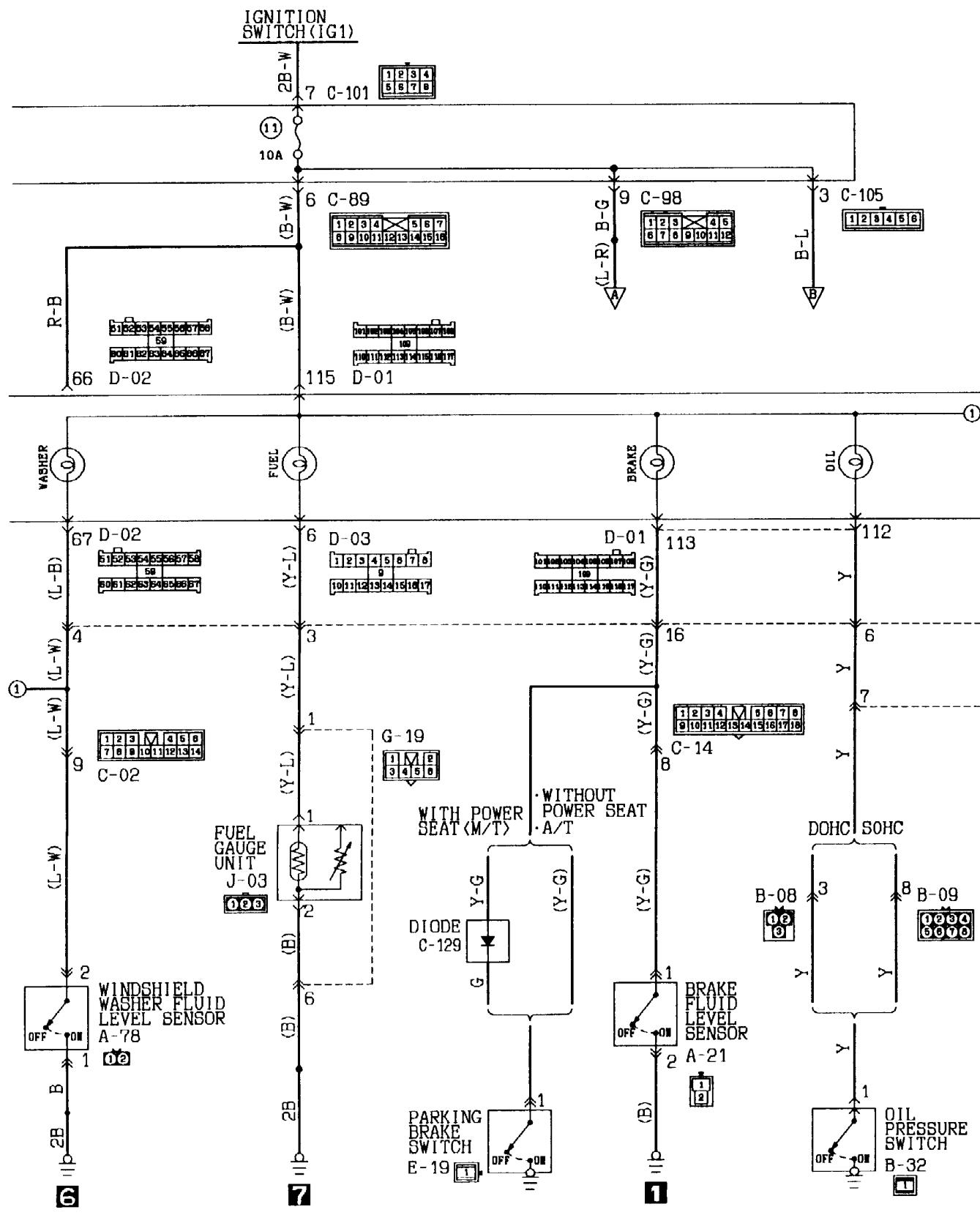
- See TECHNICAL INFORMATION MANUAL (Pub. No. PYGE9101)

22 WARNING LAMP CIRCUIT

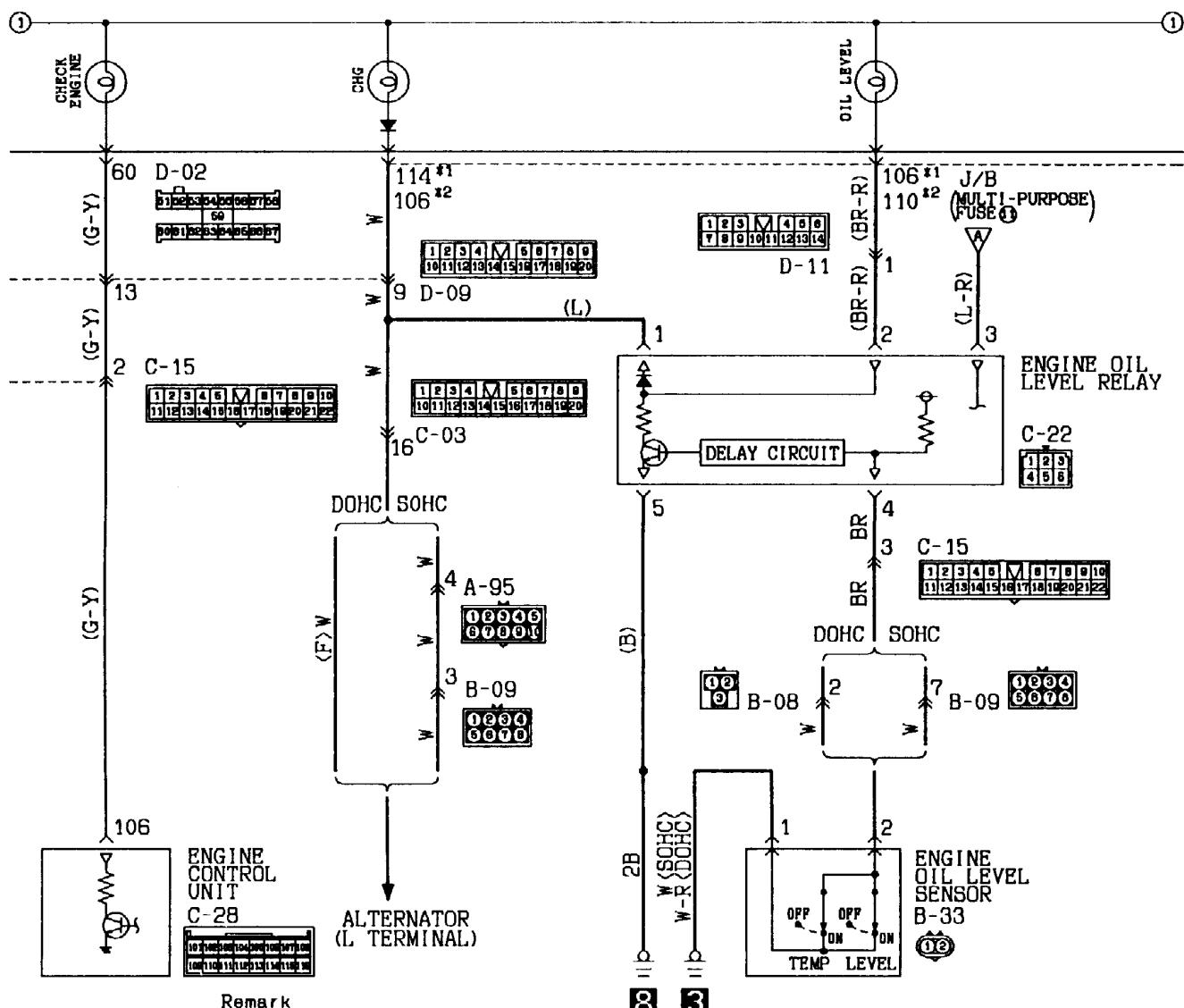
22-1 L.H. drive vehicles



KX35-AC-J1002-EC



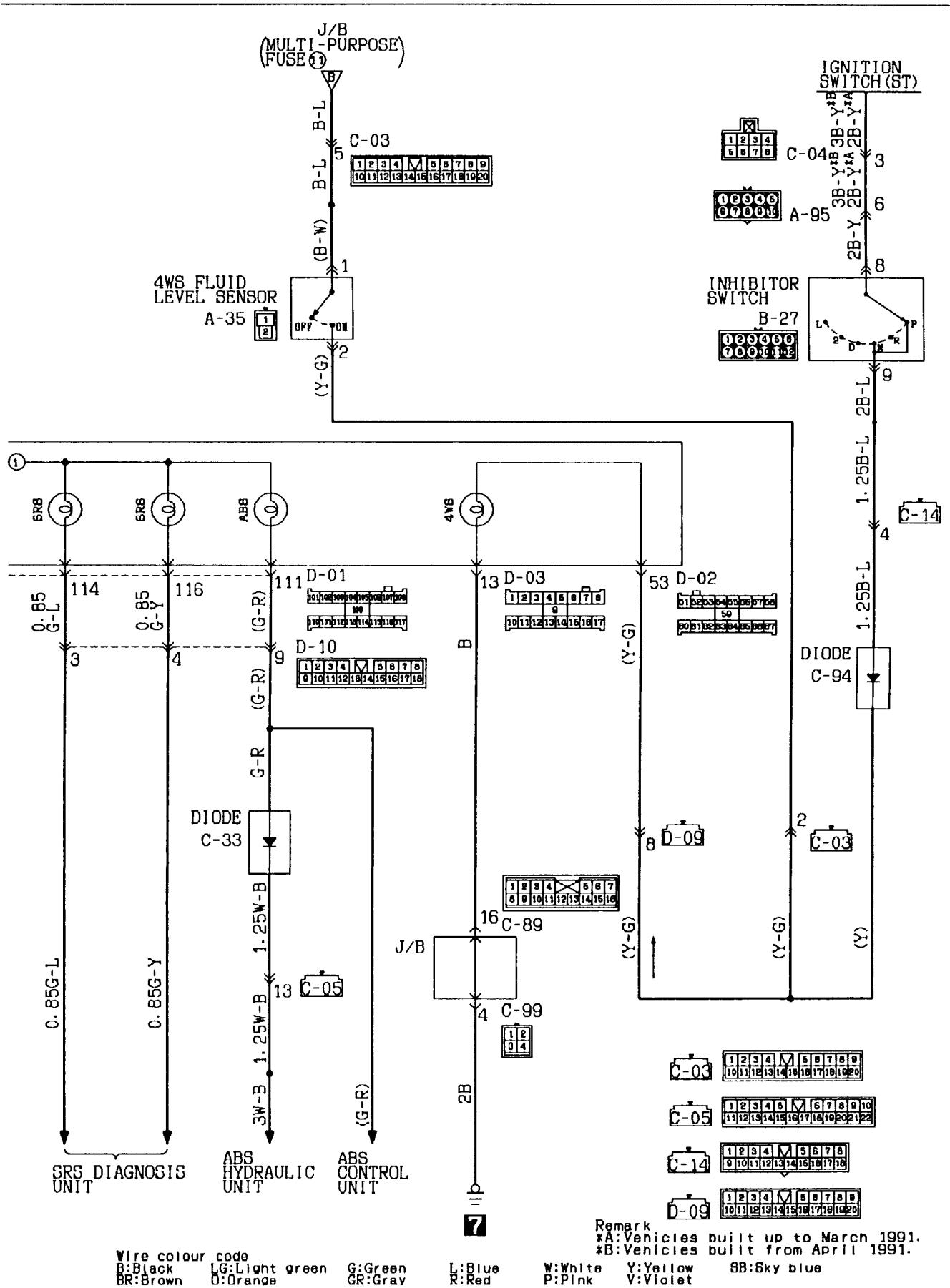
COMBINATION METER



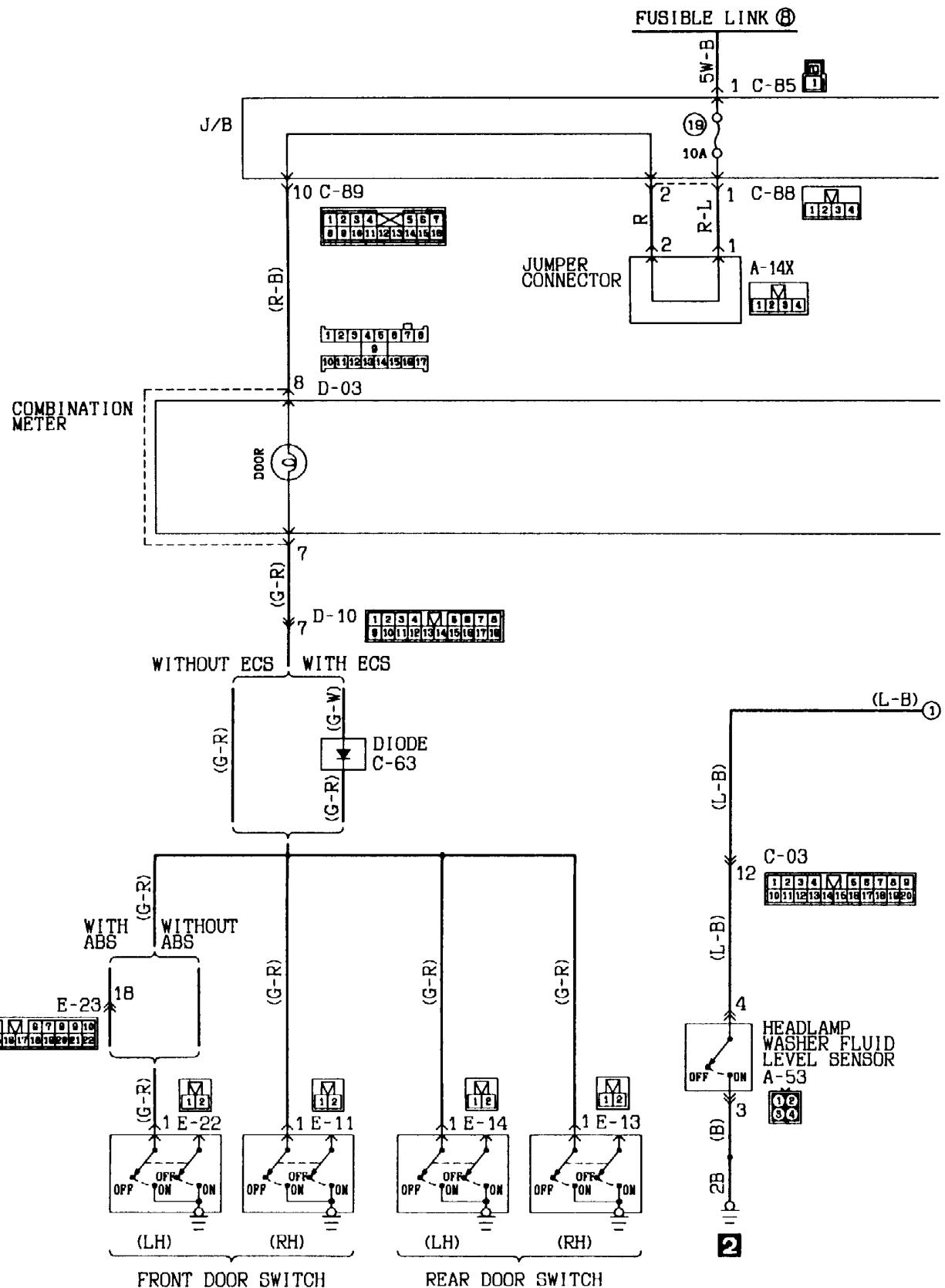
KX95-AC-J1002A-EC

CIRCUIT DIAGRAM — Warning Lamp

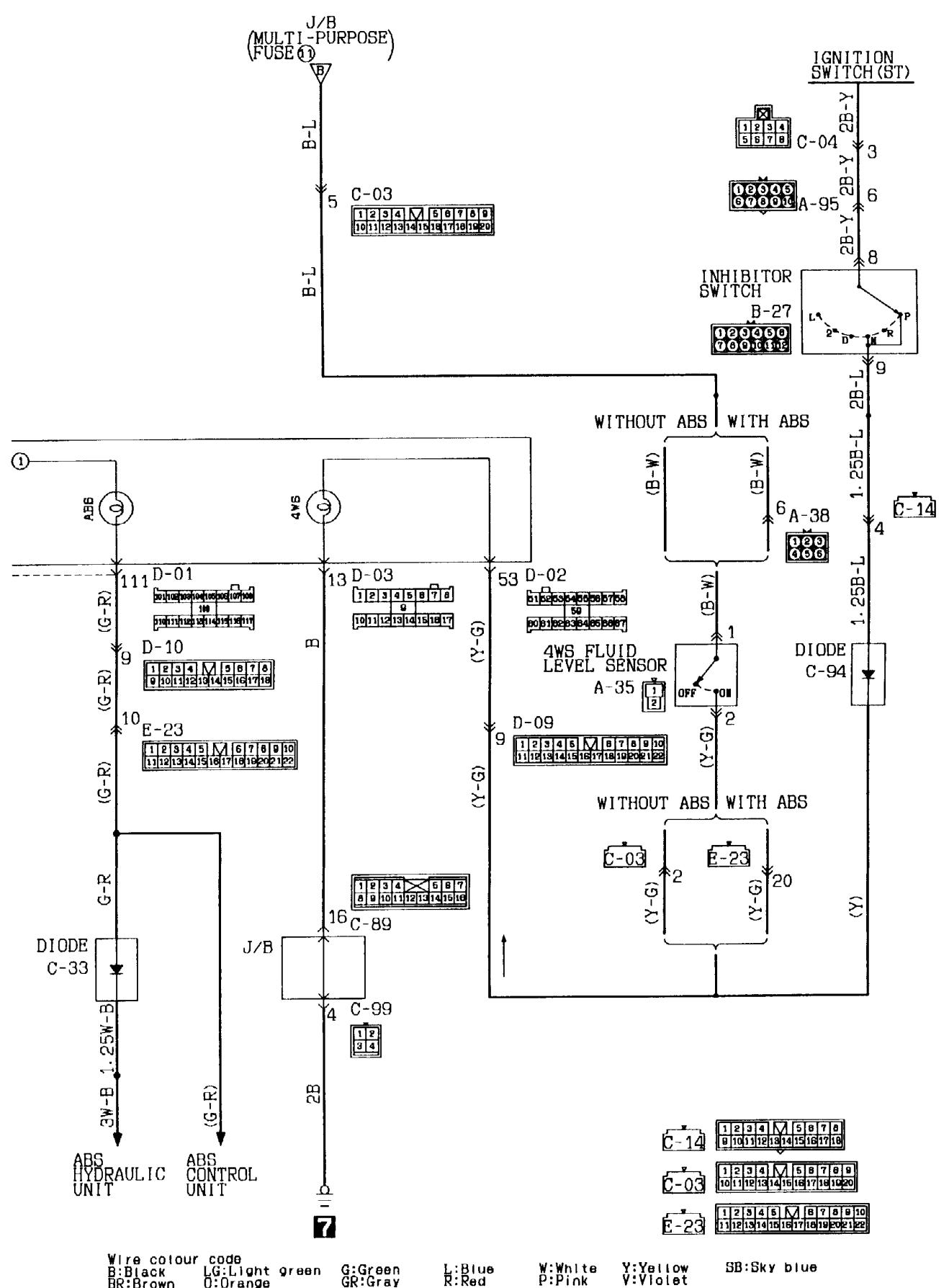
4-117



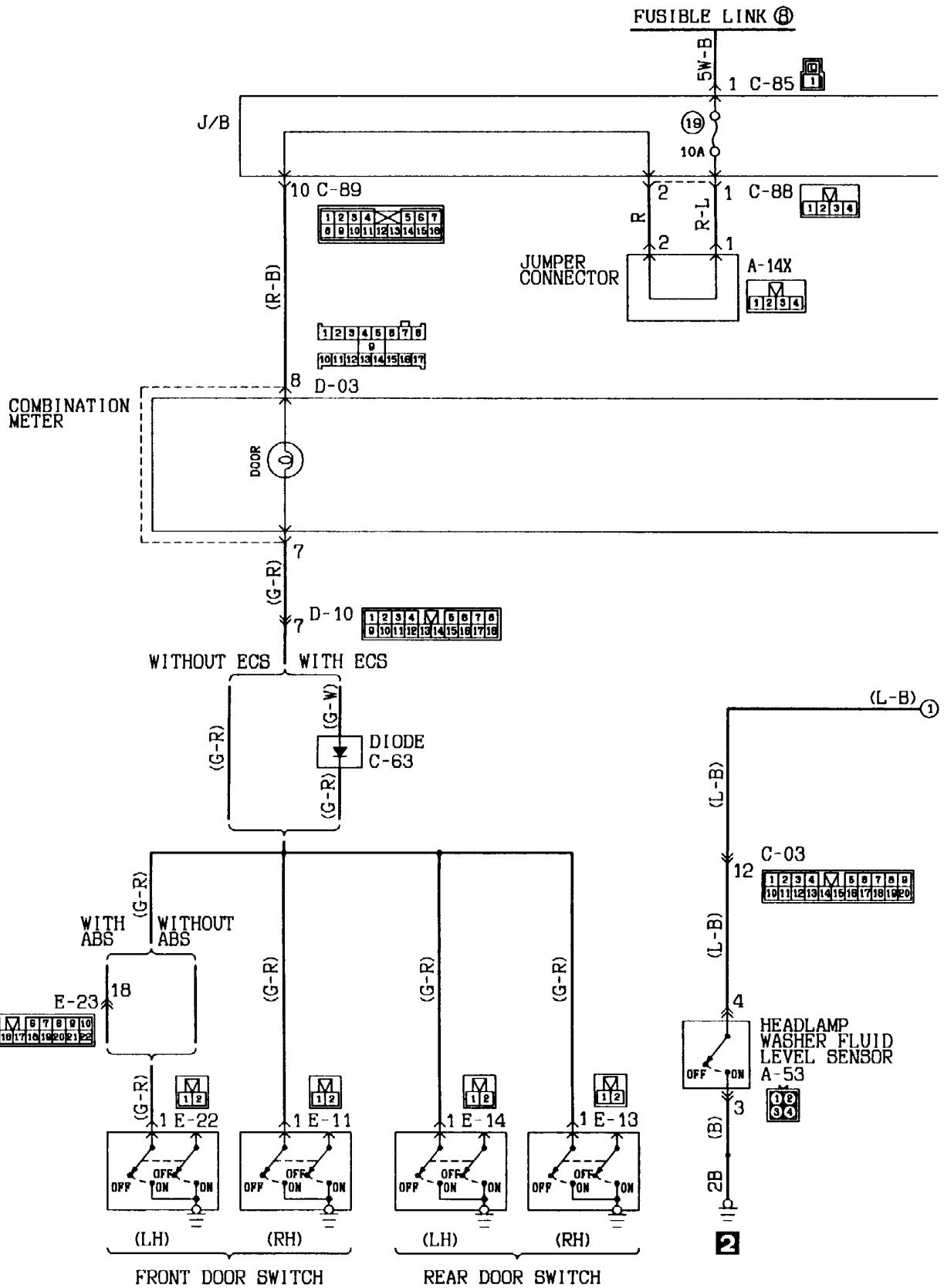
22-2 R. H. drive vehicles (Vehicles built up to March 1991)

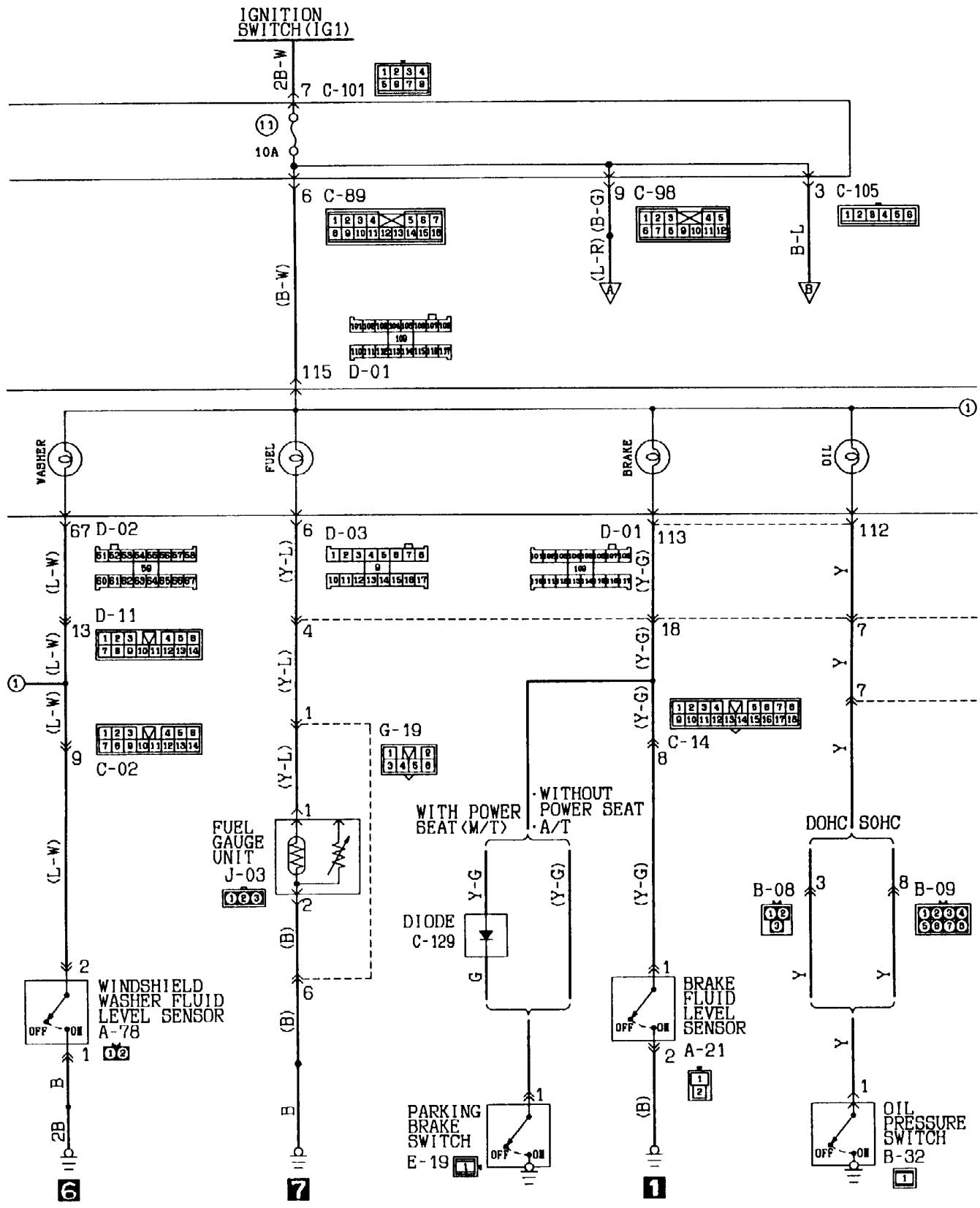


KX35-AC-J1003-EC



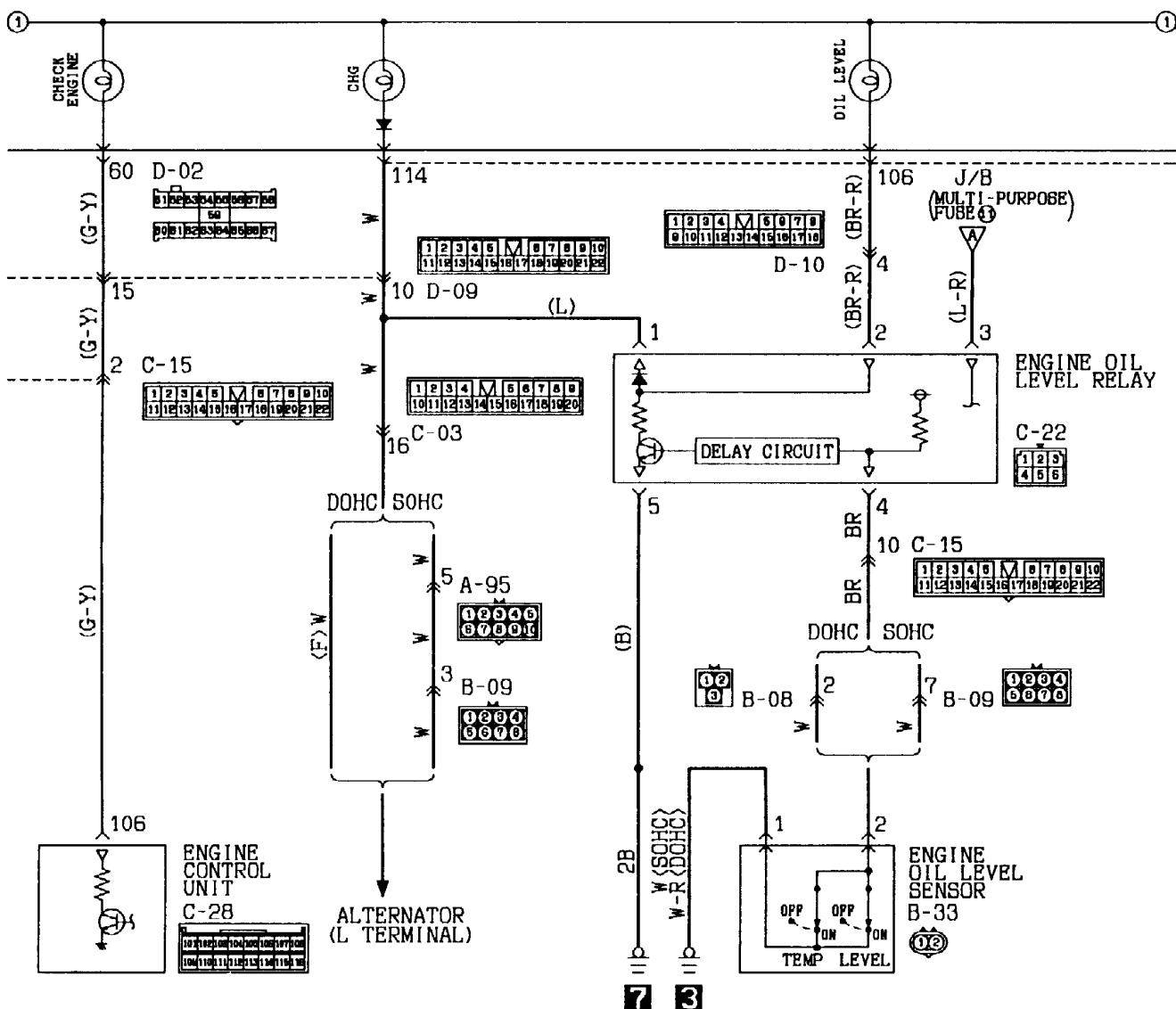
22-2 R.H. drive vehicles <Vehicles built from April 1991>





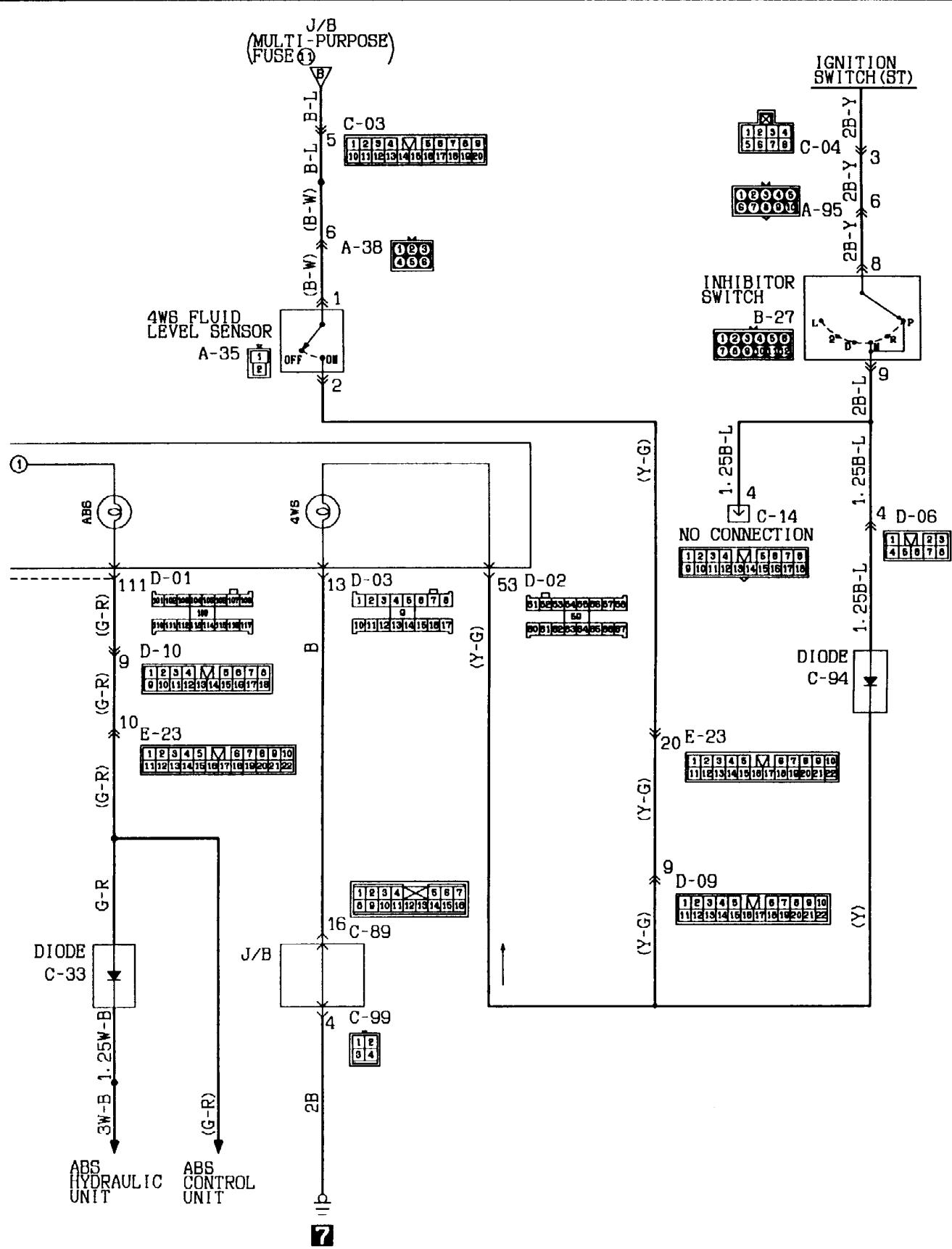
Wire colour code
 B:Black LG:Light Green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

COMBINATION METER



CIRCUIT DIAGRAM — Warning Lamp

4-121-4



Wire colour code

B:Black LG:L
BR:Brown O:Orange

BR:Brown 0:Orange

nt green G:Green

L:Blue
B:Bad

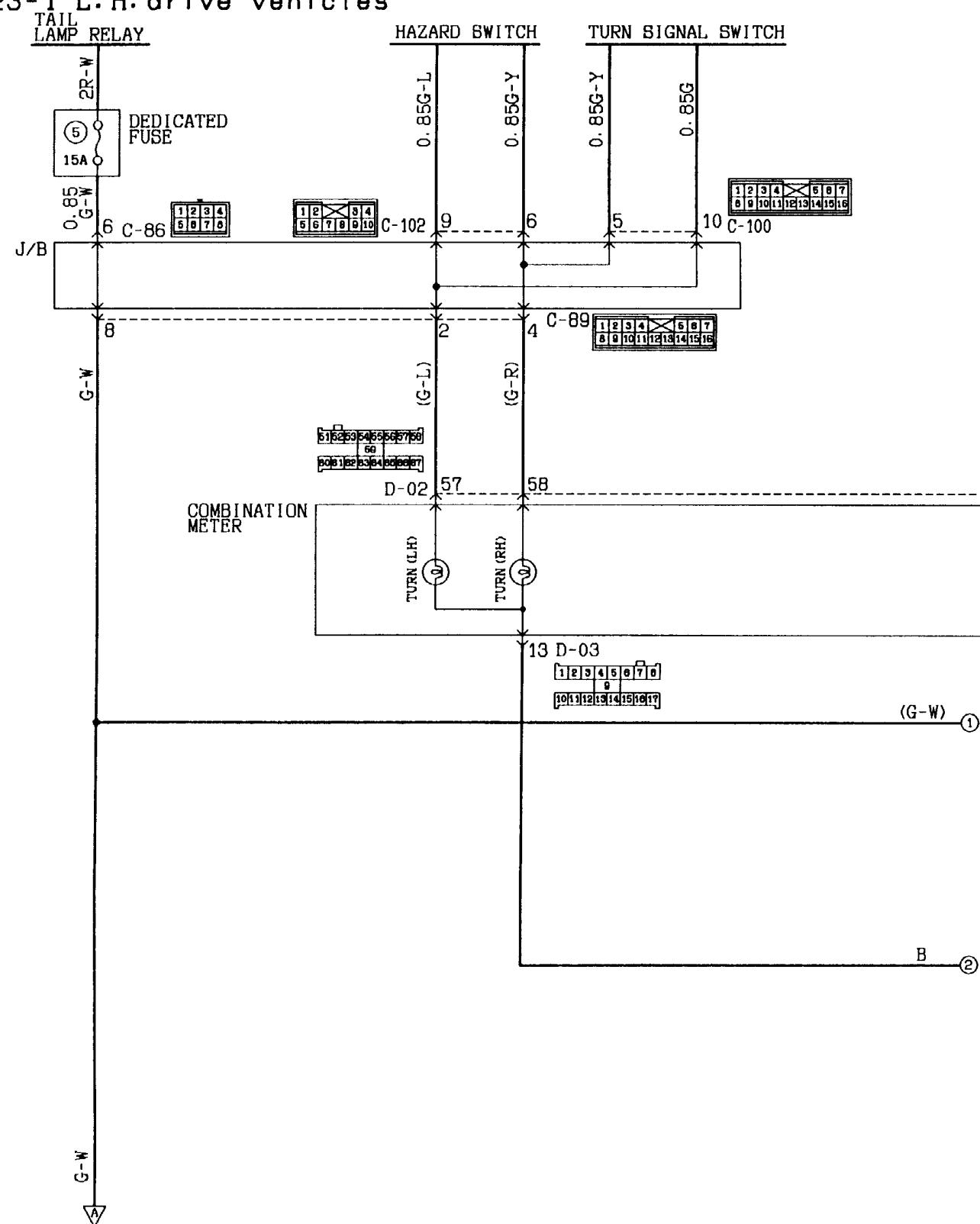
W:White
B:Black

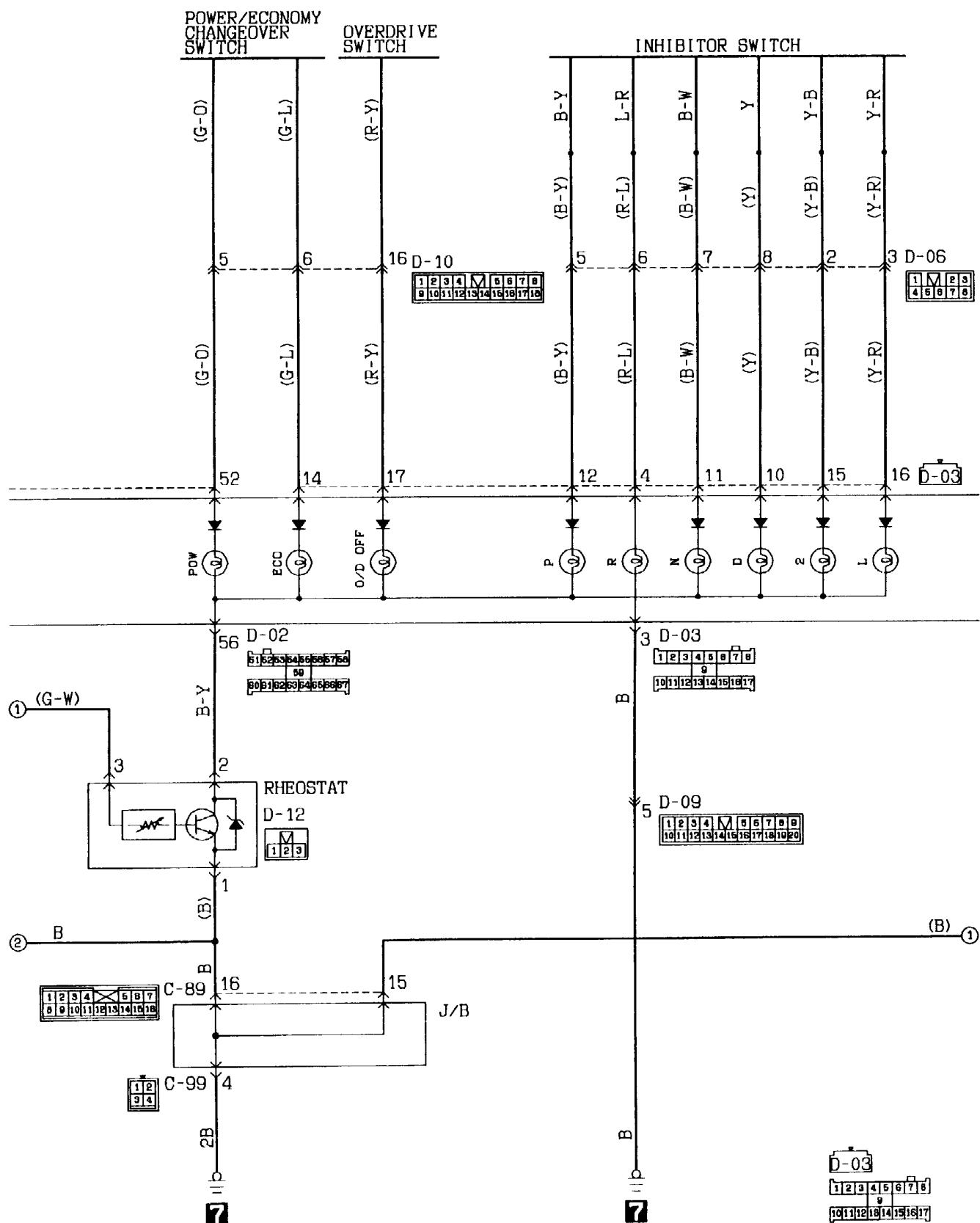
P:Pink

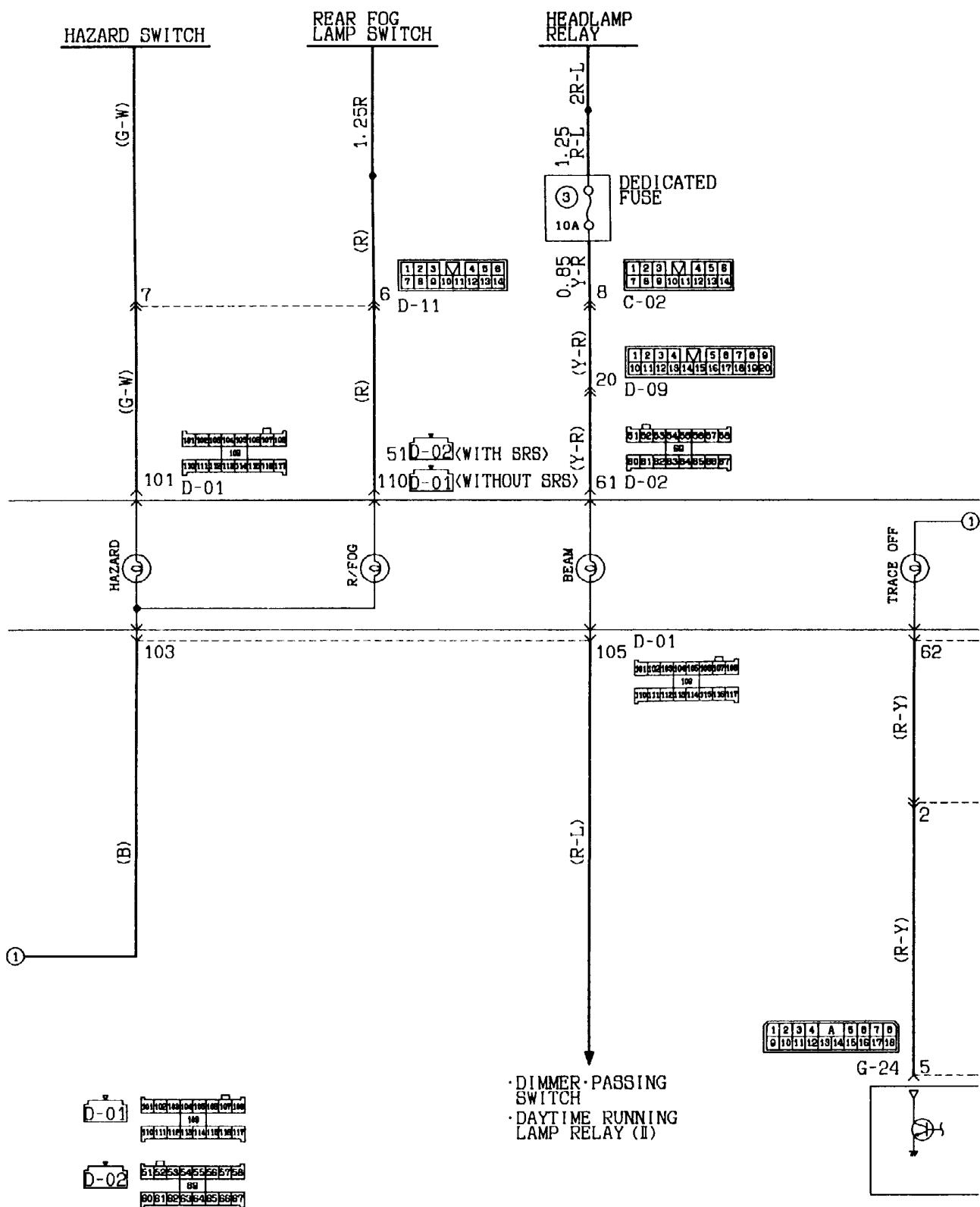
8B:Sky blue

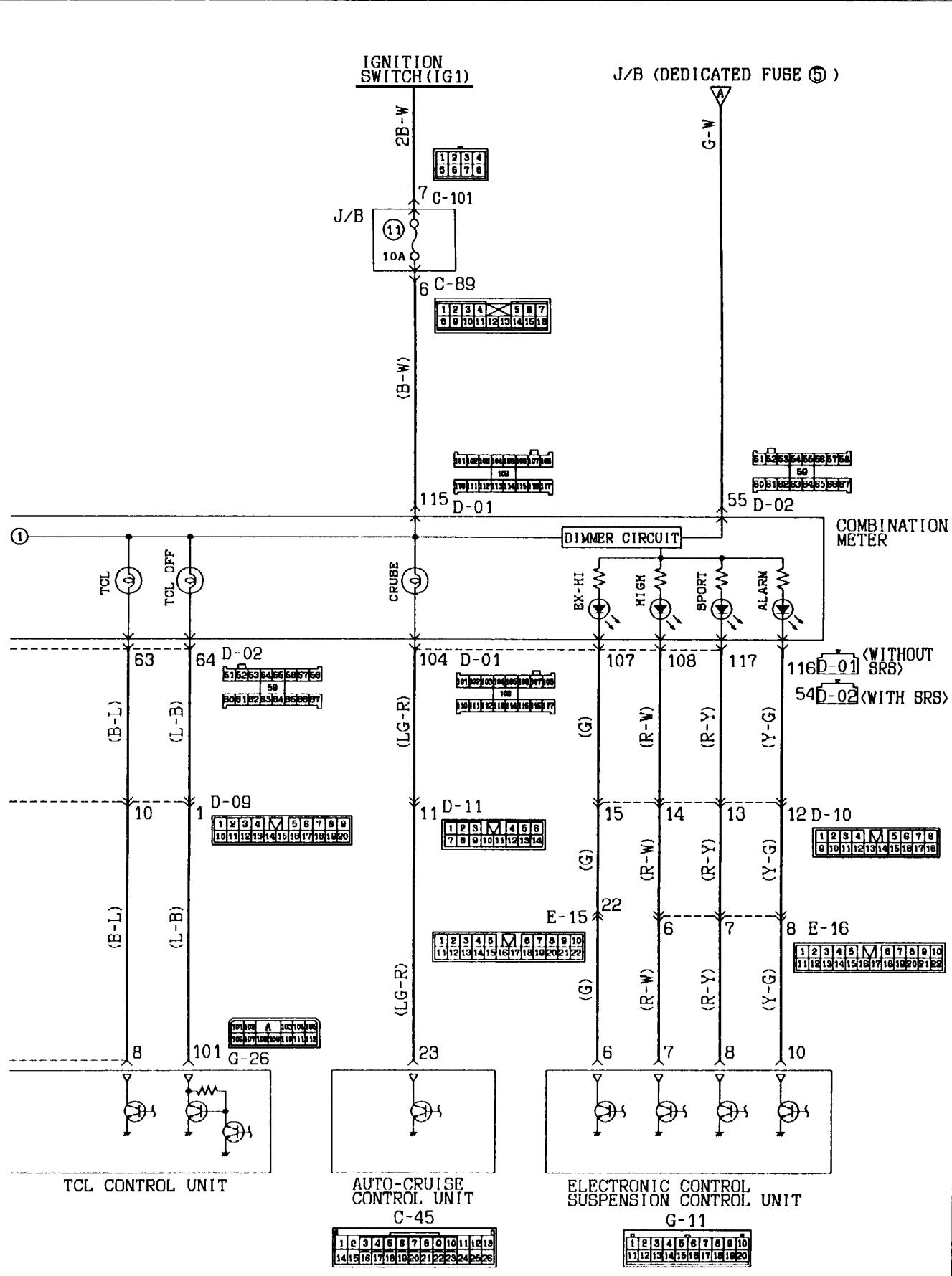
23 INDICATOR LAMP CIRCUIT

23-1 L.H. drive vehicles

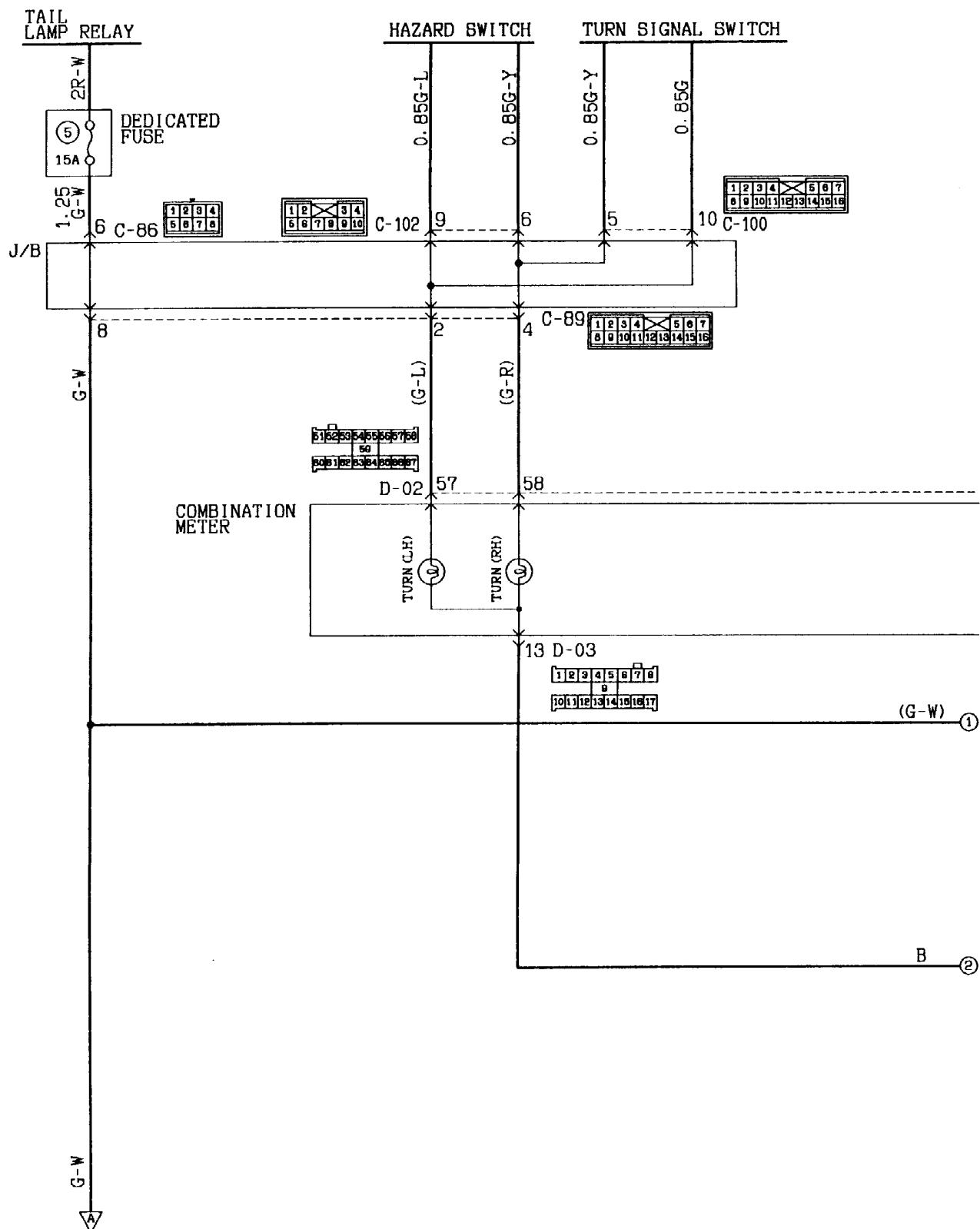






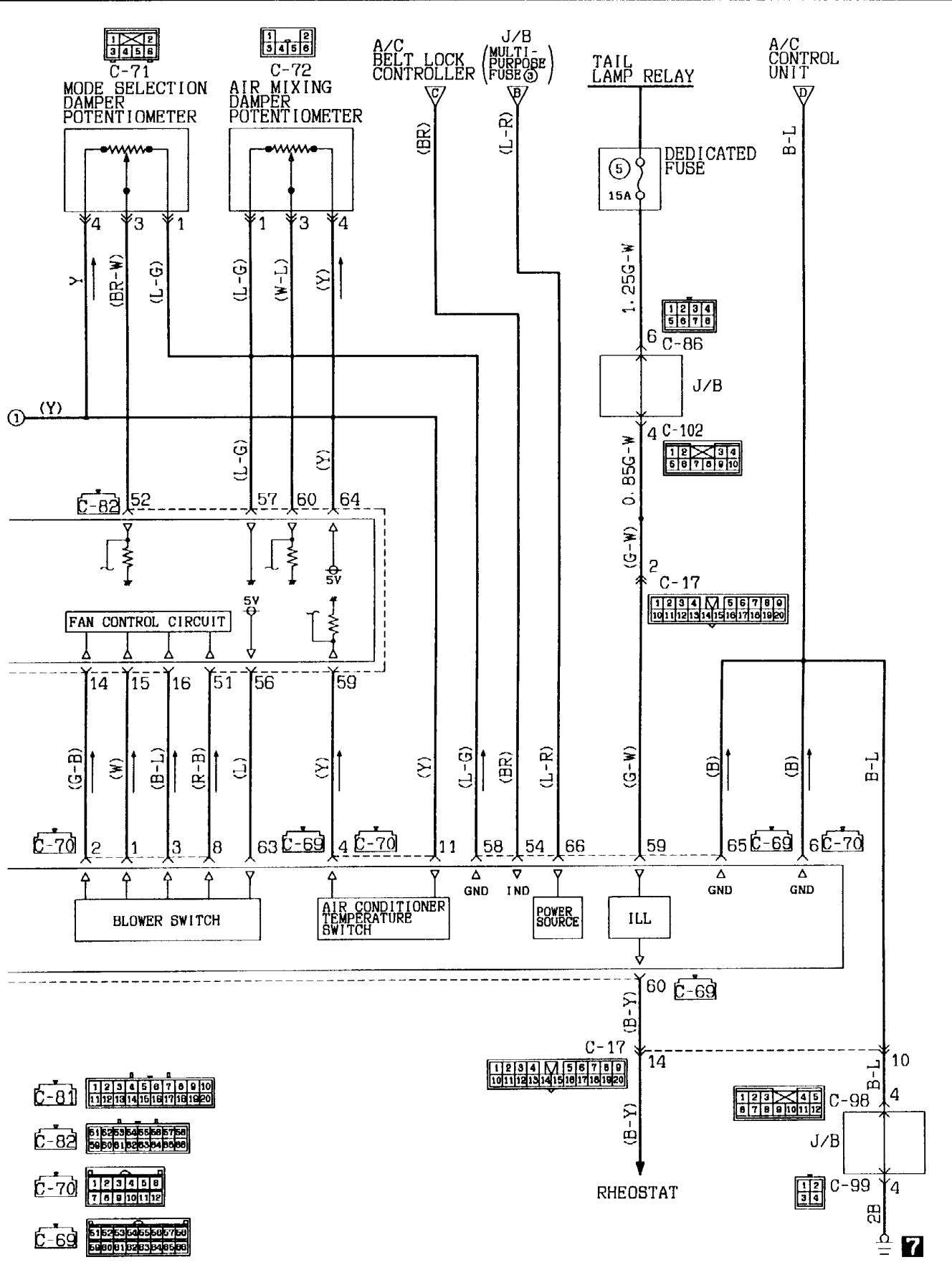


23-2 R. H. drive vehicles

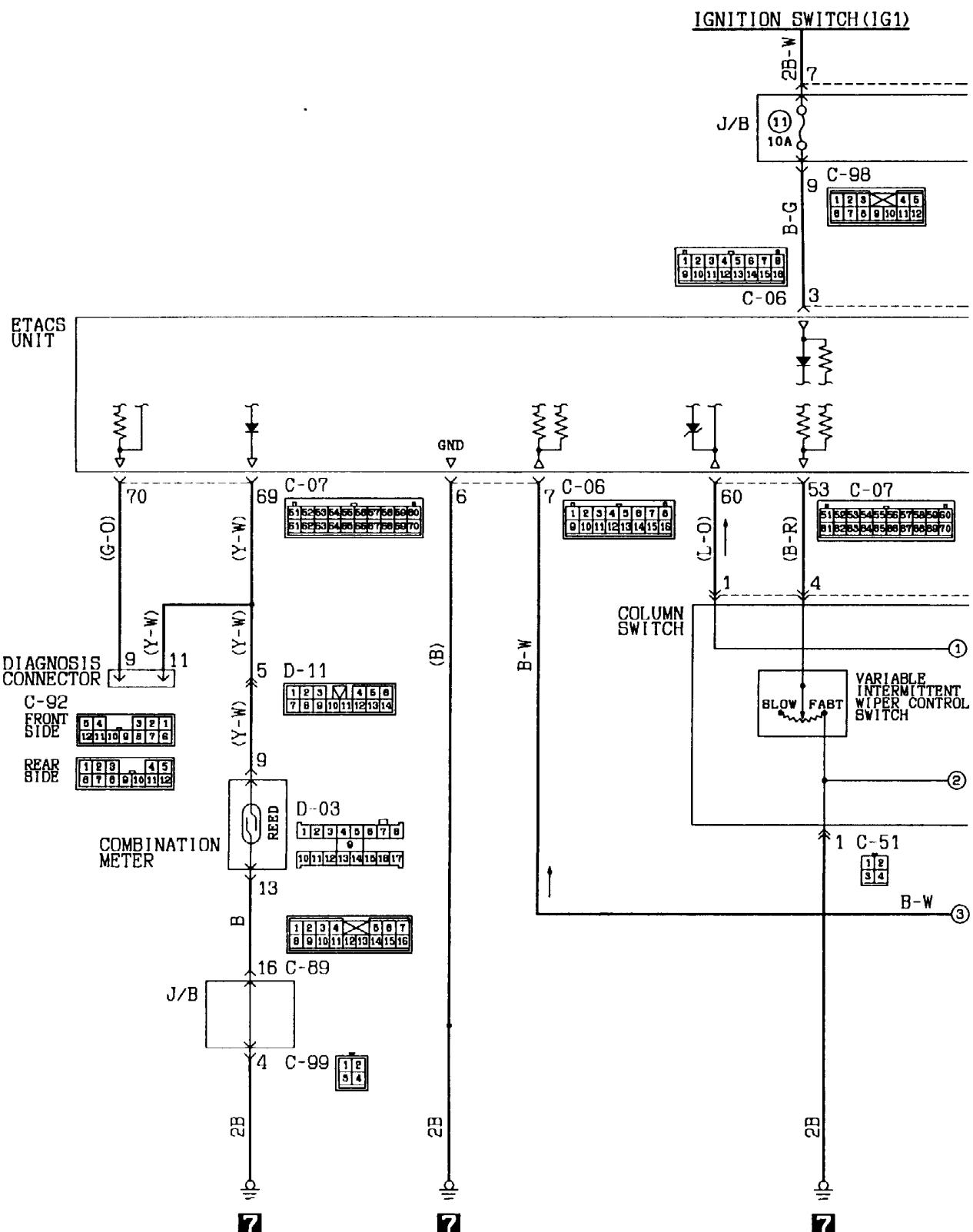


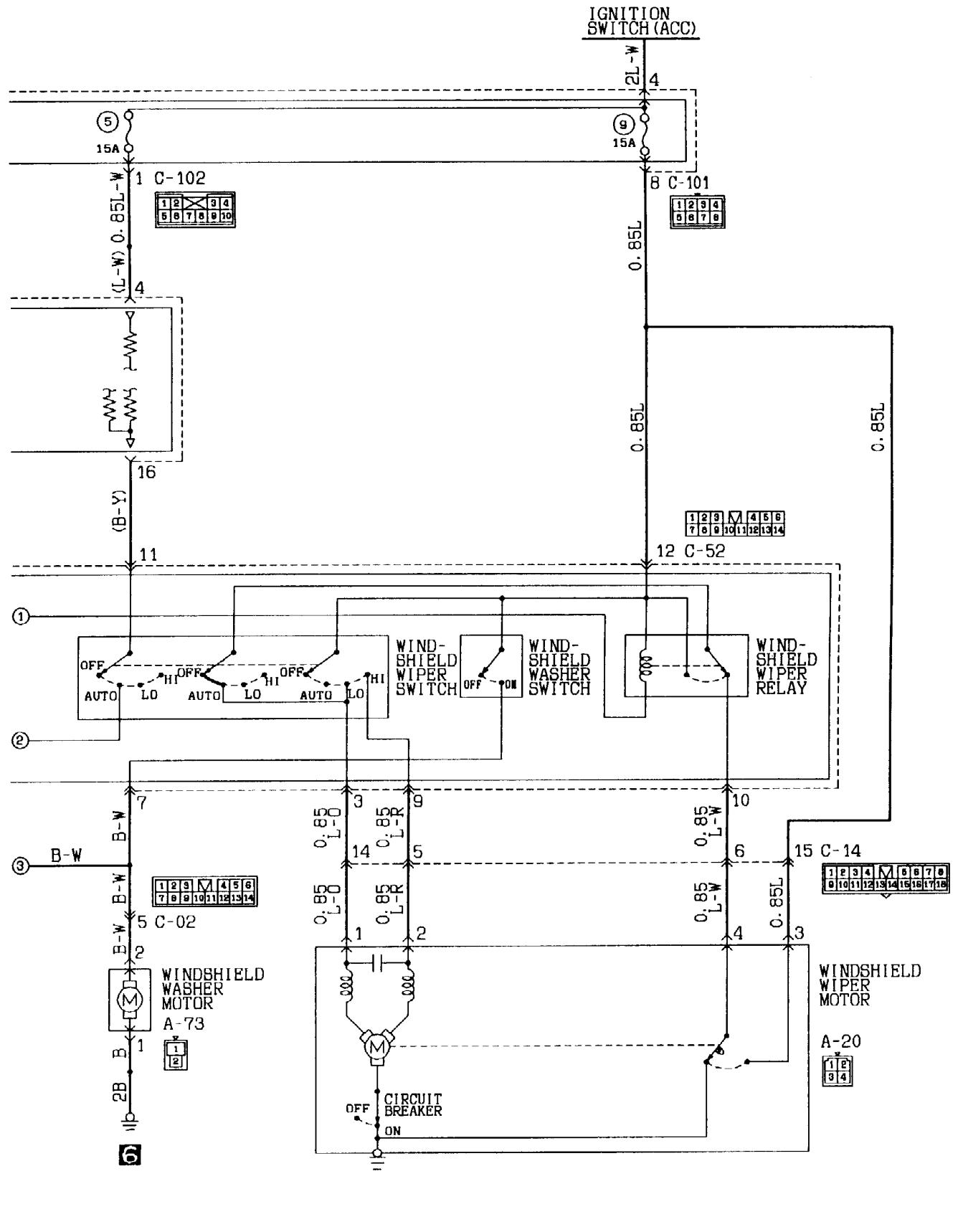
CIRCUIT DIAGRAM – Heater and Air Conditioner

4-171

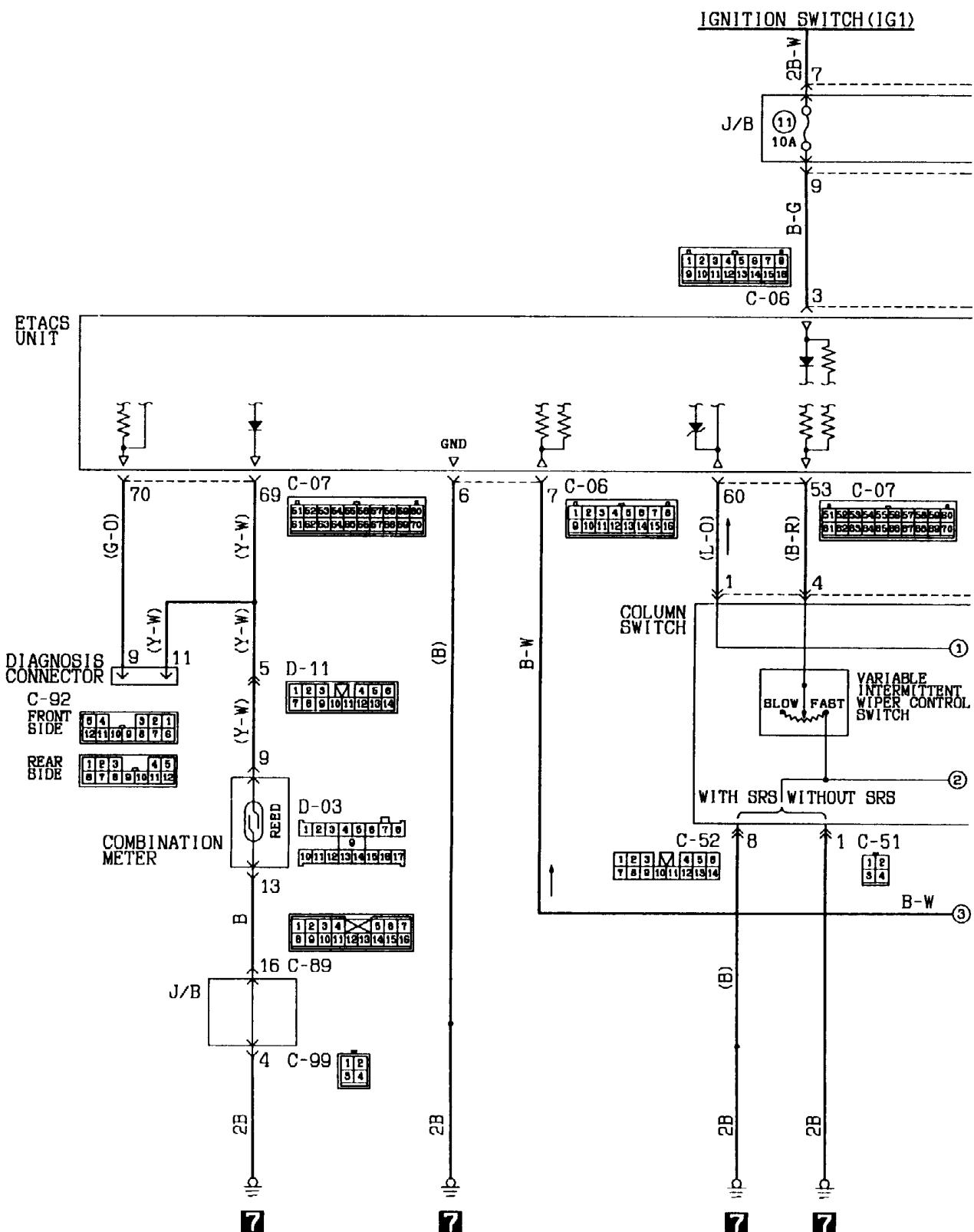


27 WINDSHIELD WIPER AND WASHER CIRCUIT
27-1 L. H. drive vehicles<Vehicles built up to March 1991>



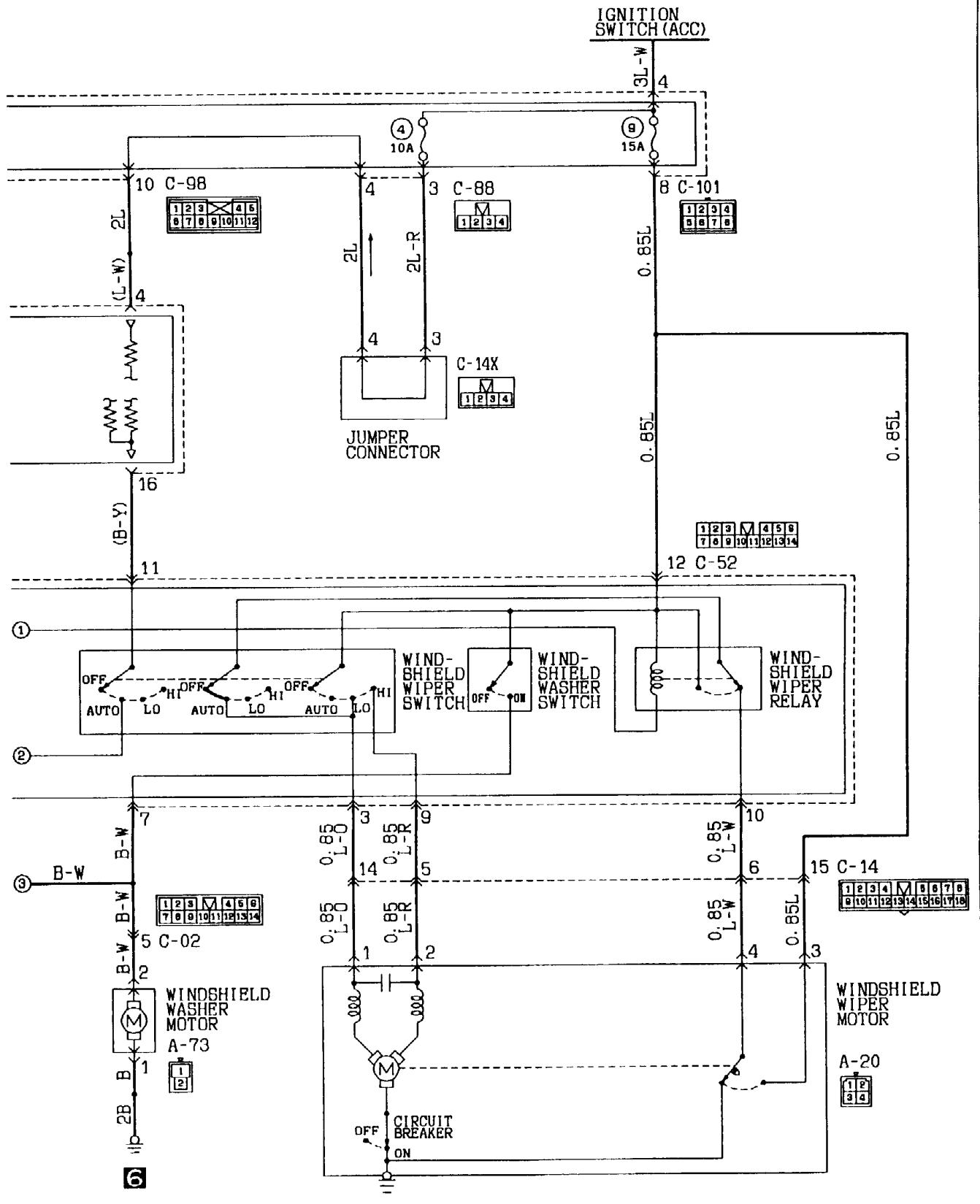


27-1 L.H. drive vehicles <Vehicles built from April 1991>

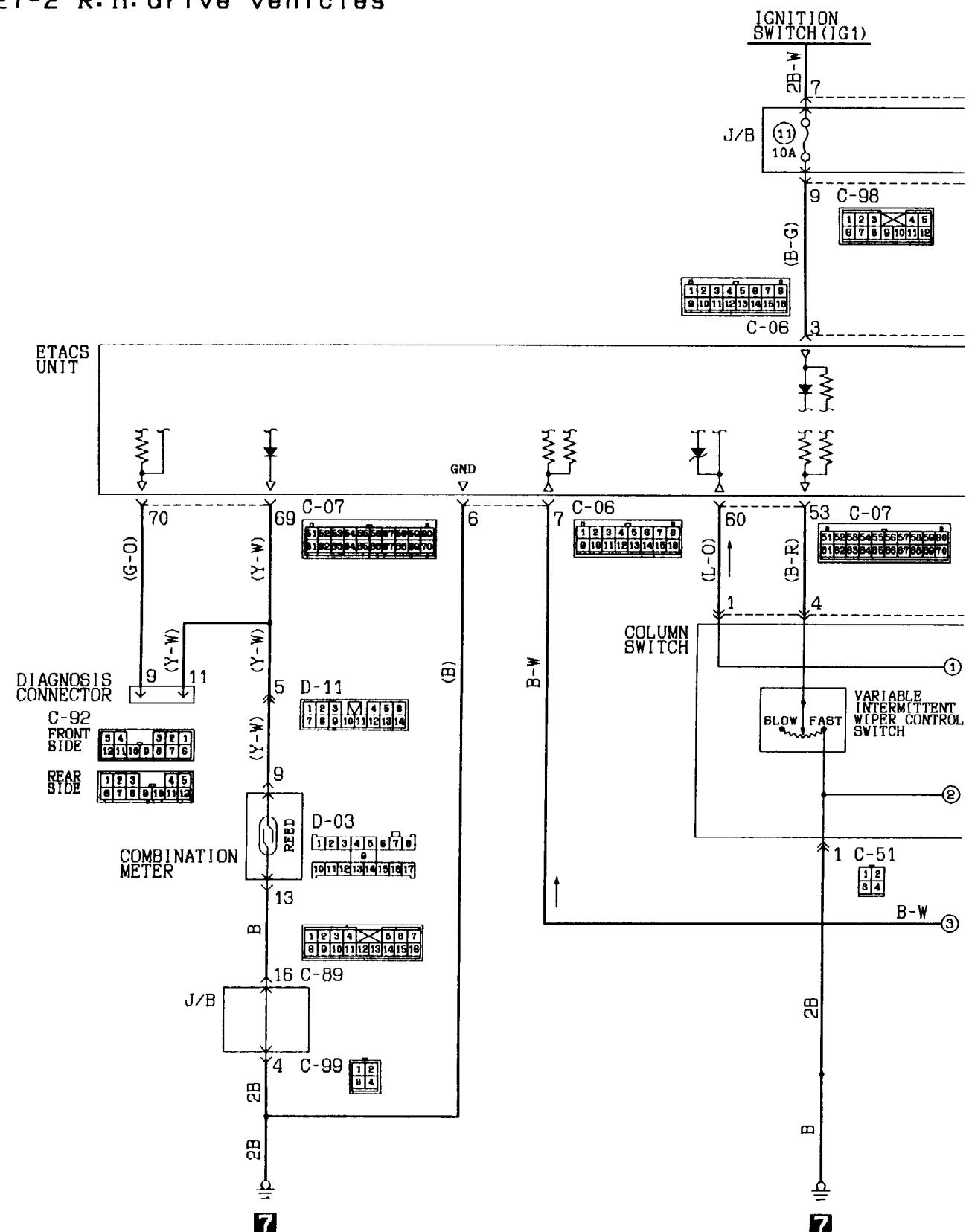


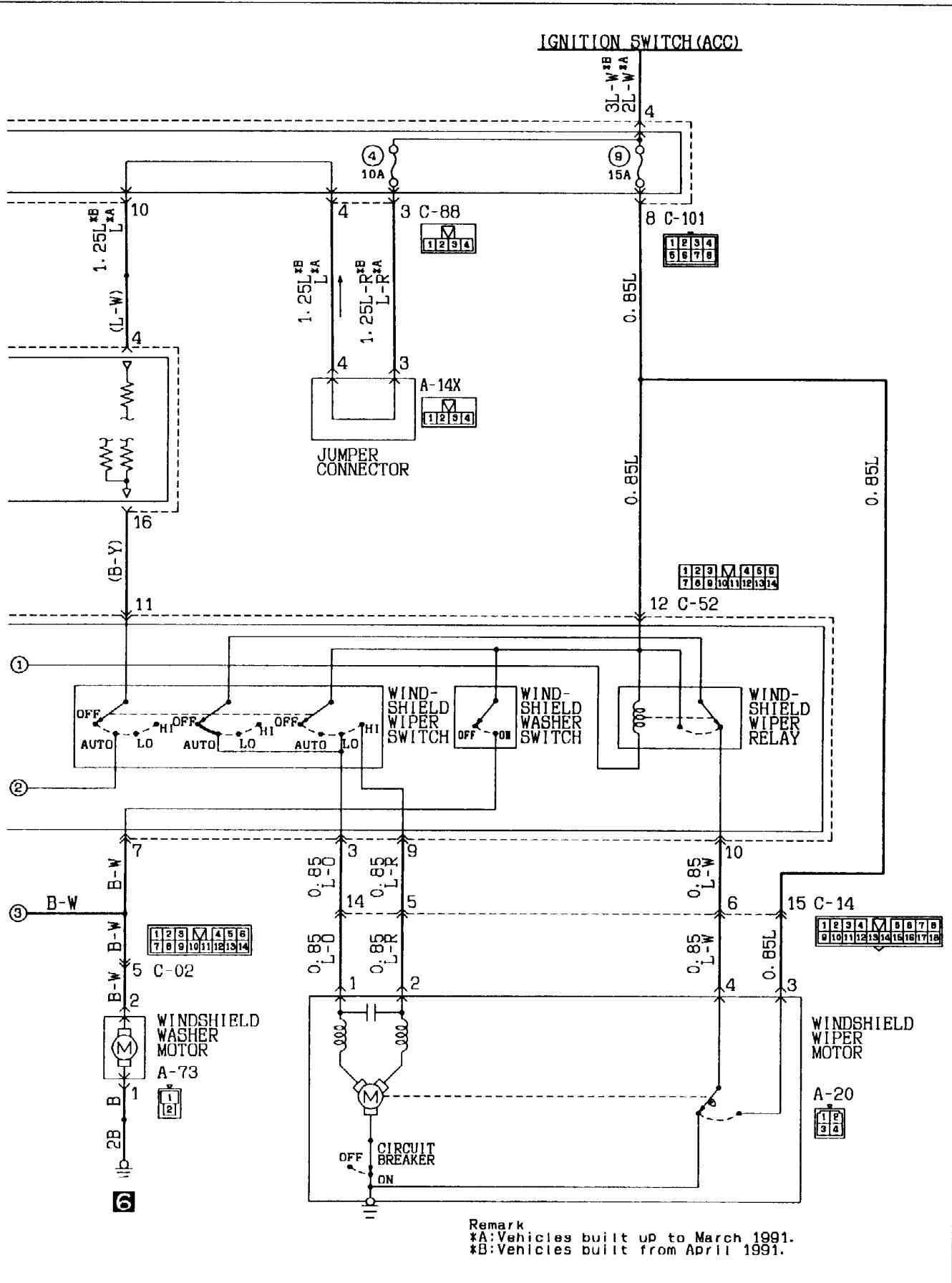
CIRCUIT DIAGRAM — Windshield Wiper and Washer

4-173-2

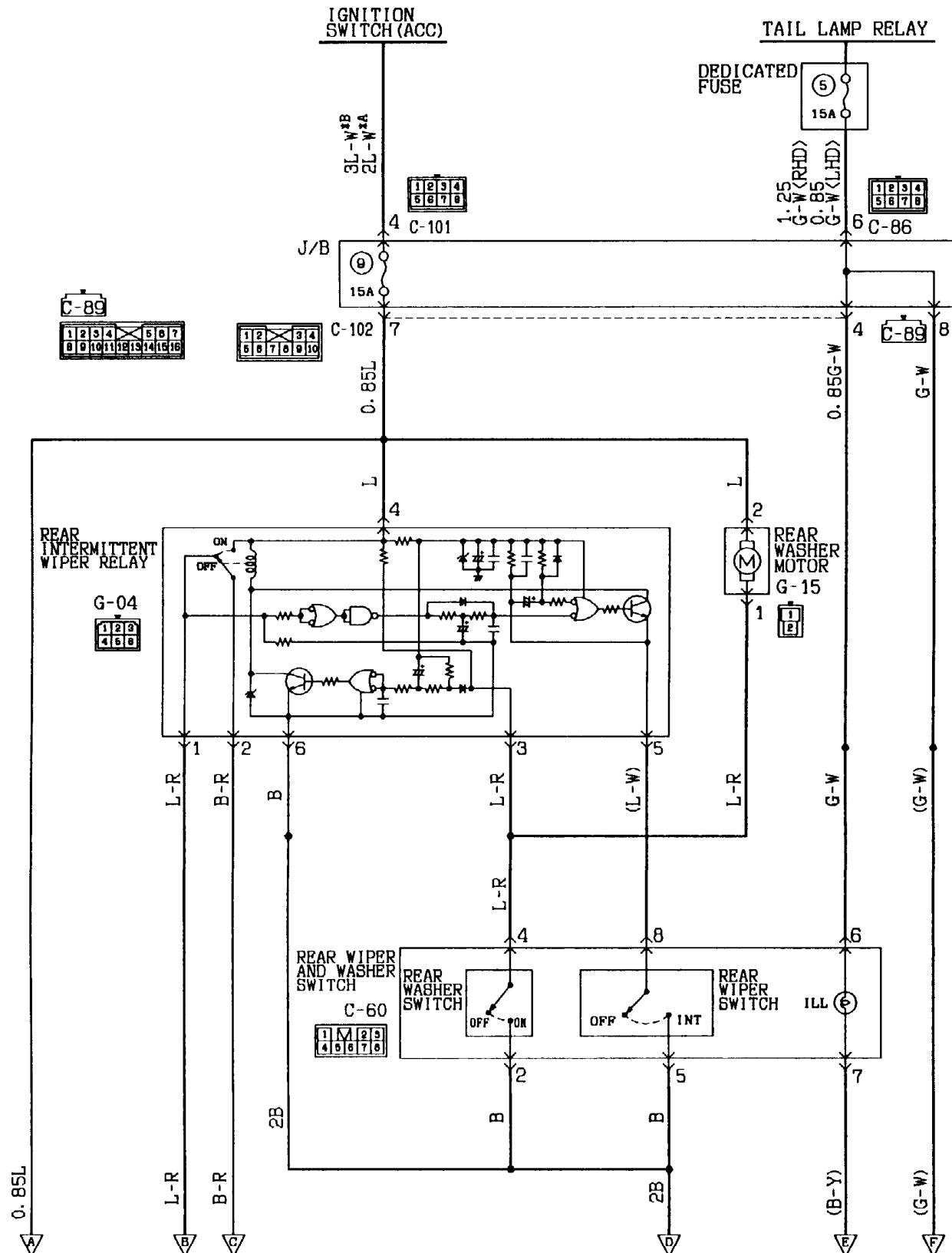


27-2 R. H. drive vehicles





28 REAR WIPER AND WASHER CIRCUIT



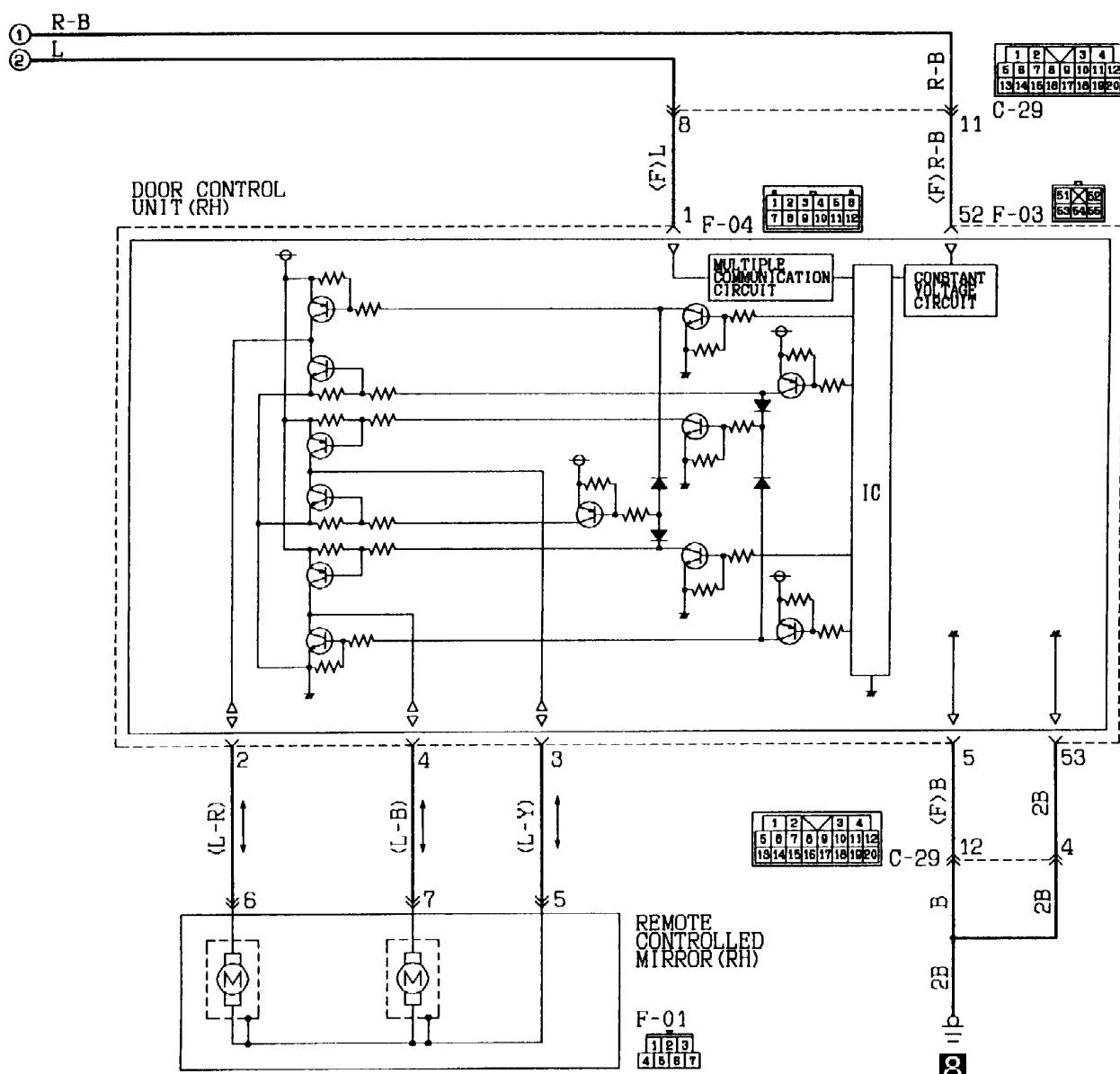
Remark
*A:Vehicles built up to March 1991.
*B:Vehicles built from April 1991.

DEFOGGER AND DOOR MIRROR HEATER CIRCUIT (See P. 4-184, 186.)**OPERATION**

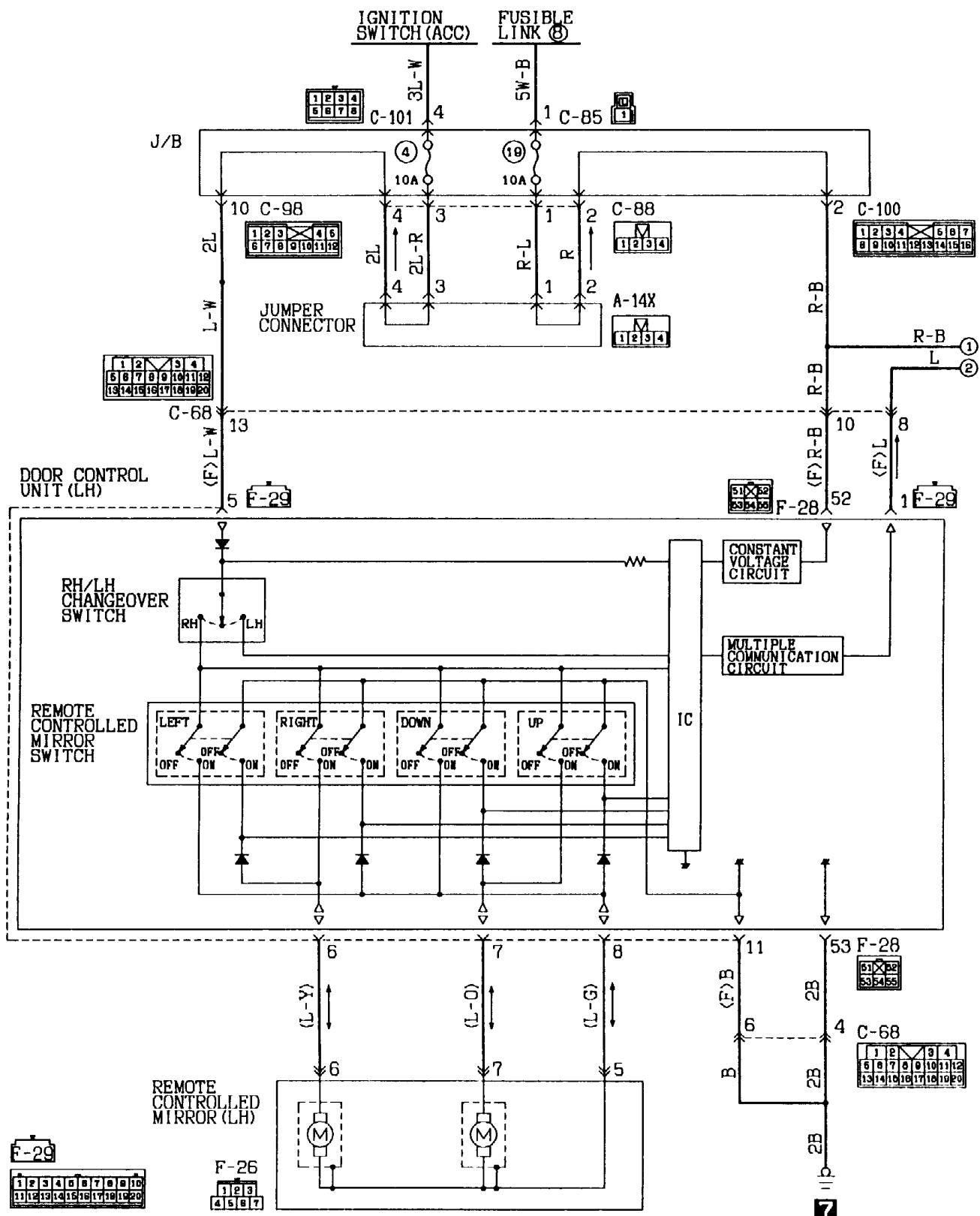
- When the defogger switch is turned on with the ignition switch in the "ON" position, the timer function of the ETACS unit will keep the defogger relay on for approx. 11 minutes and the defogger and door mirror heater will operate.
- At the same time, the defogger indicator lamp lights up indicating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

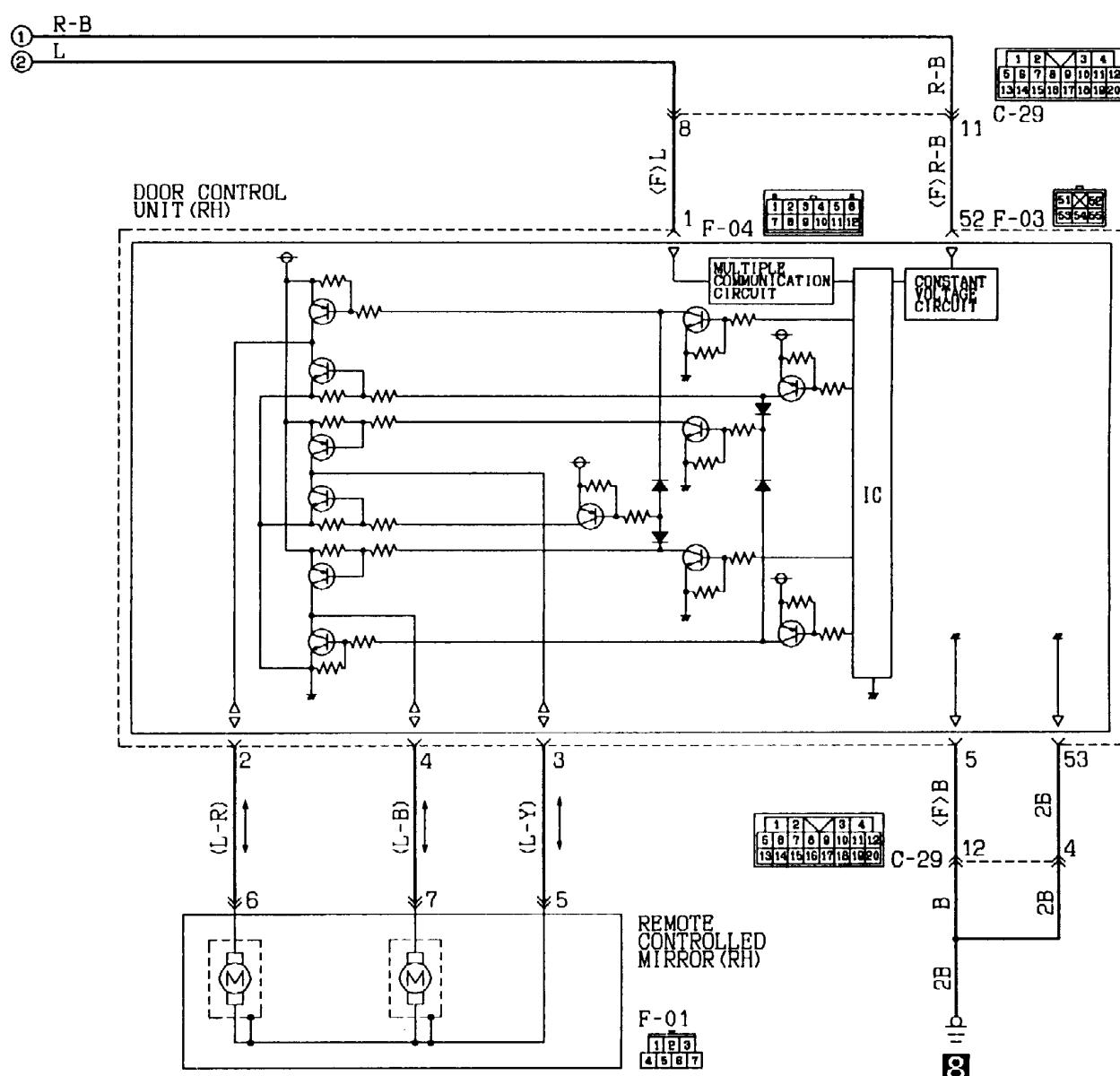
TROUBLESHOOTING HINTS

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.

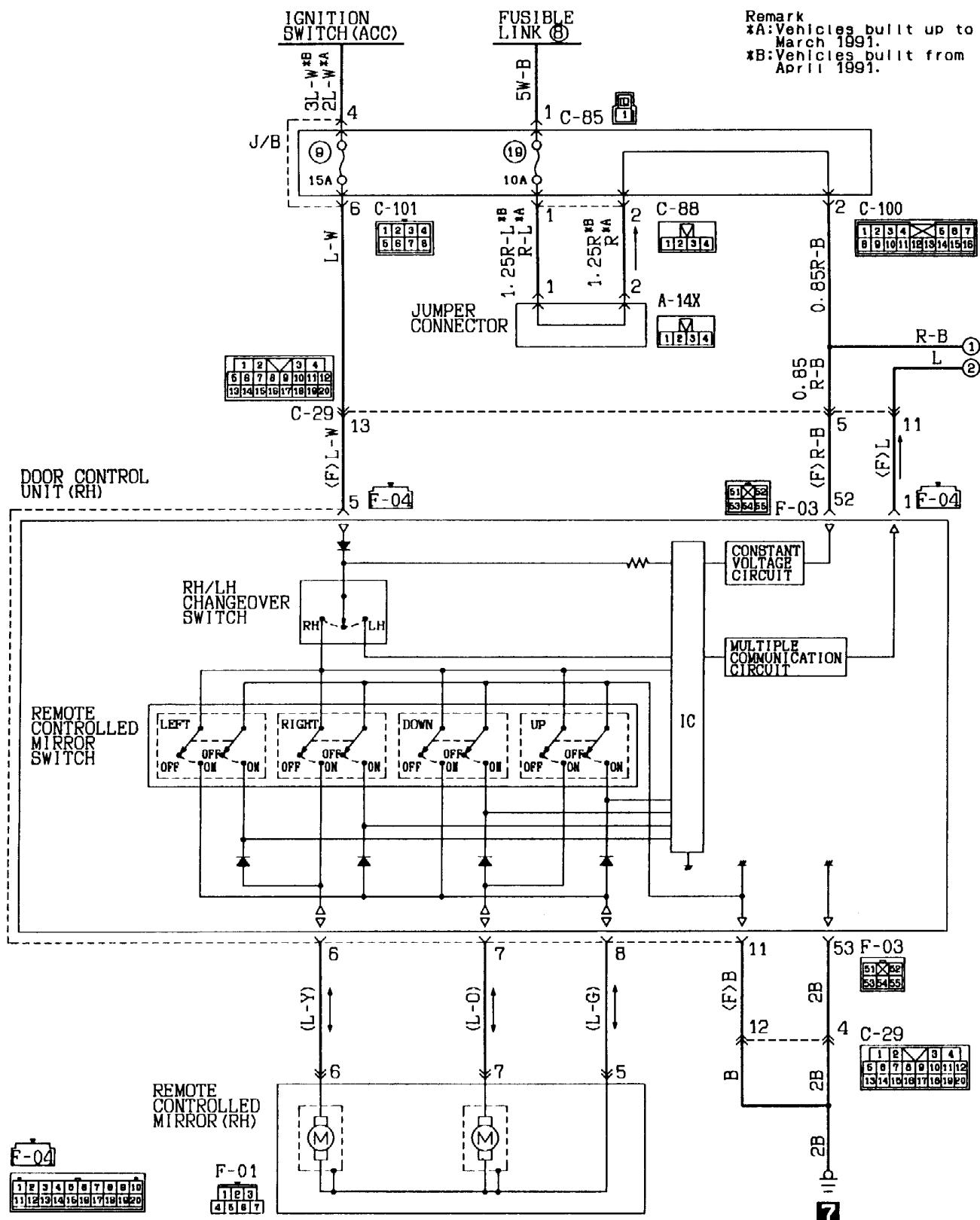


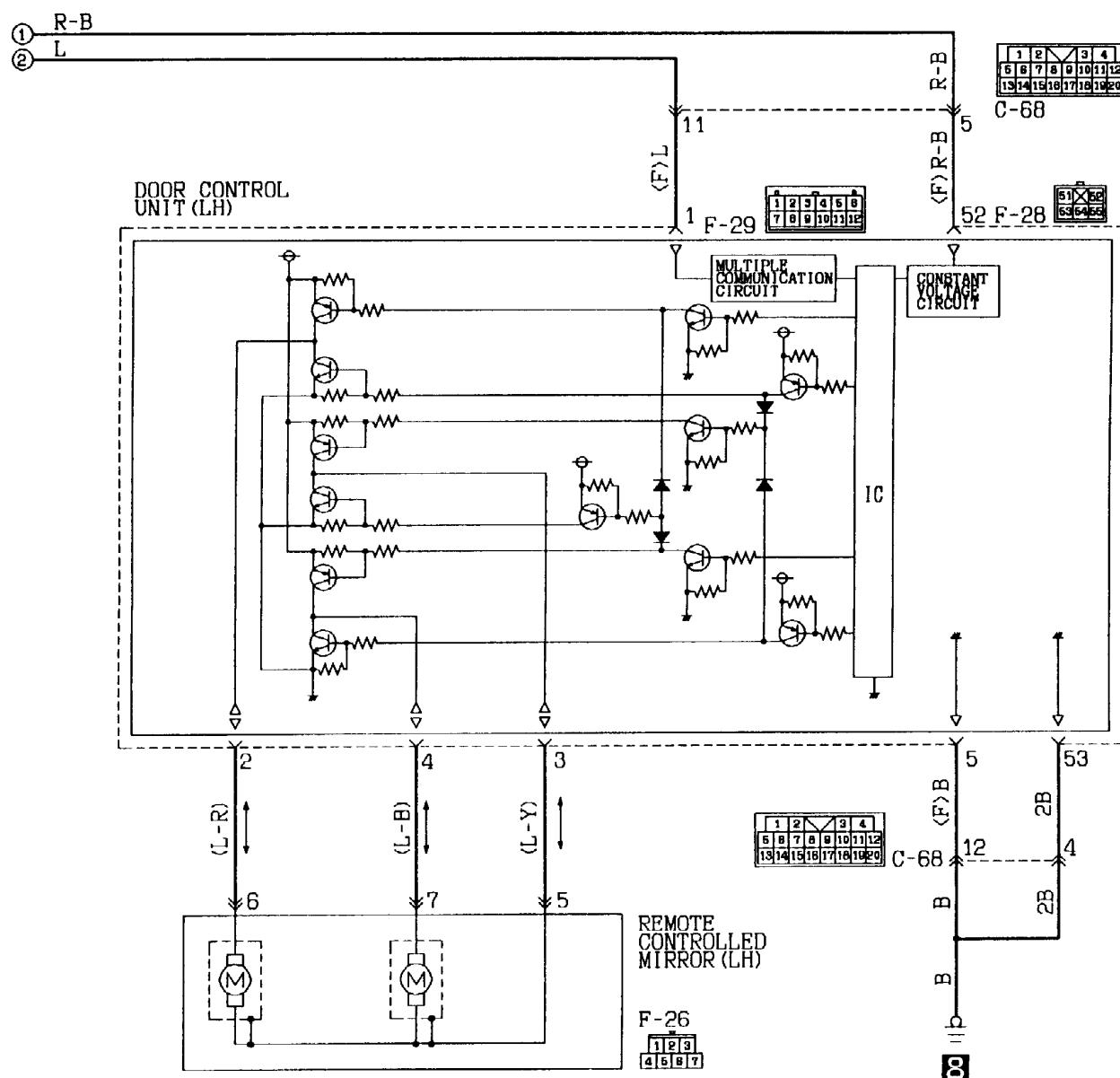
31-1 L.H. drive vehicles (Vehicles built from April 1991)





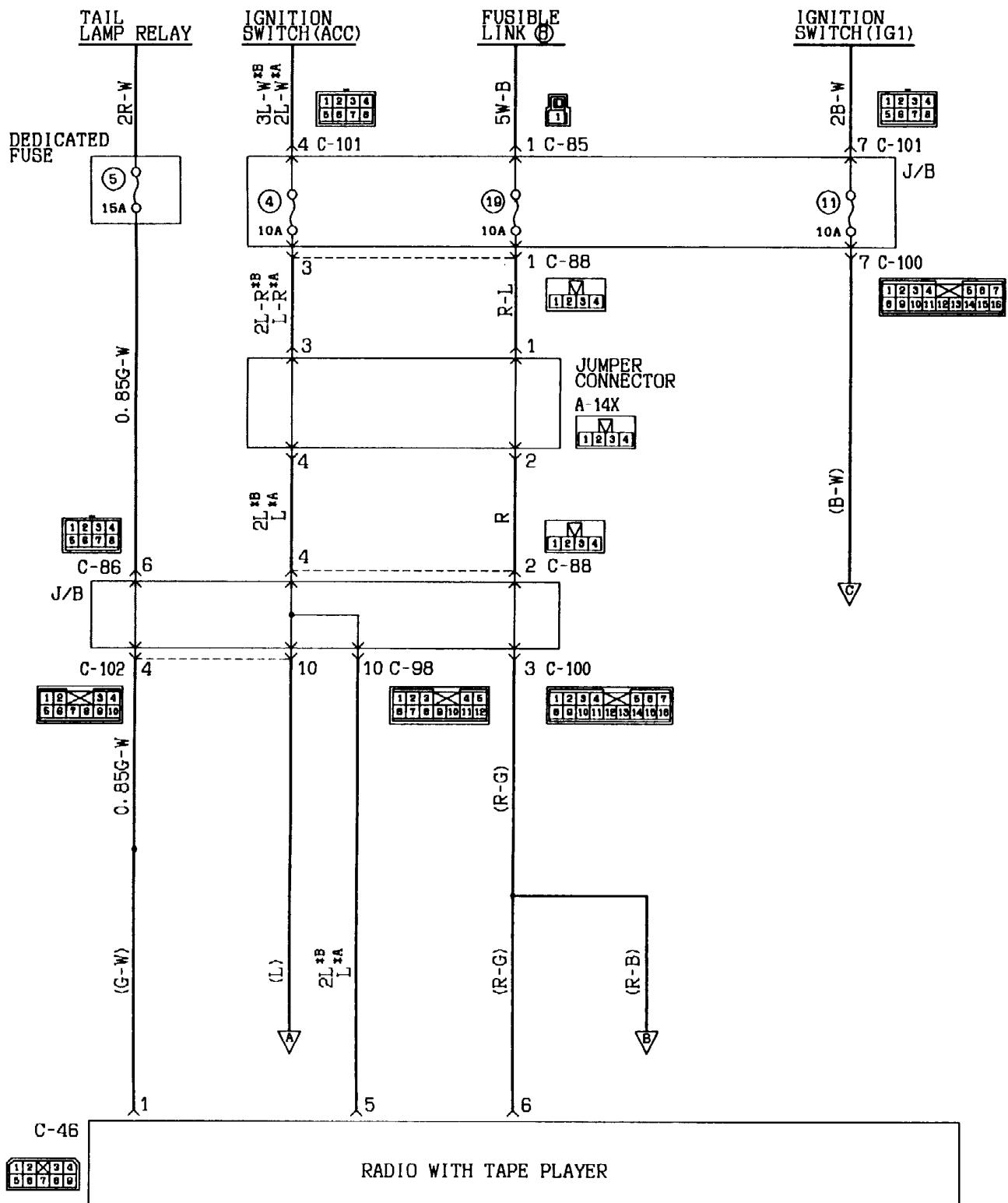
31-2 R. H. drive vehicles



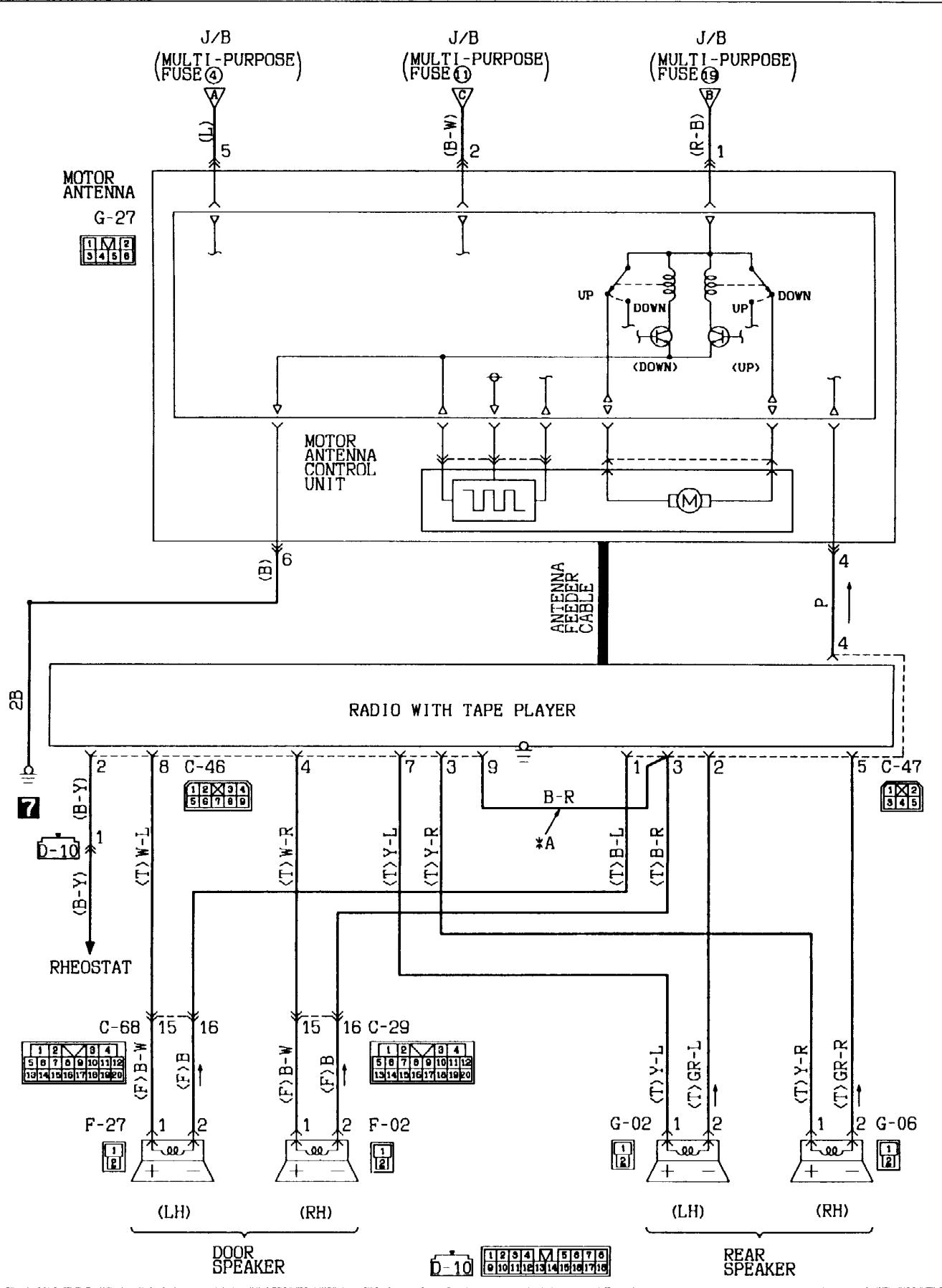


32 AUDIO CIRCUIT

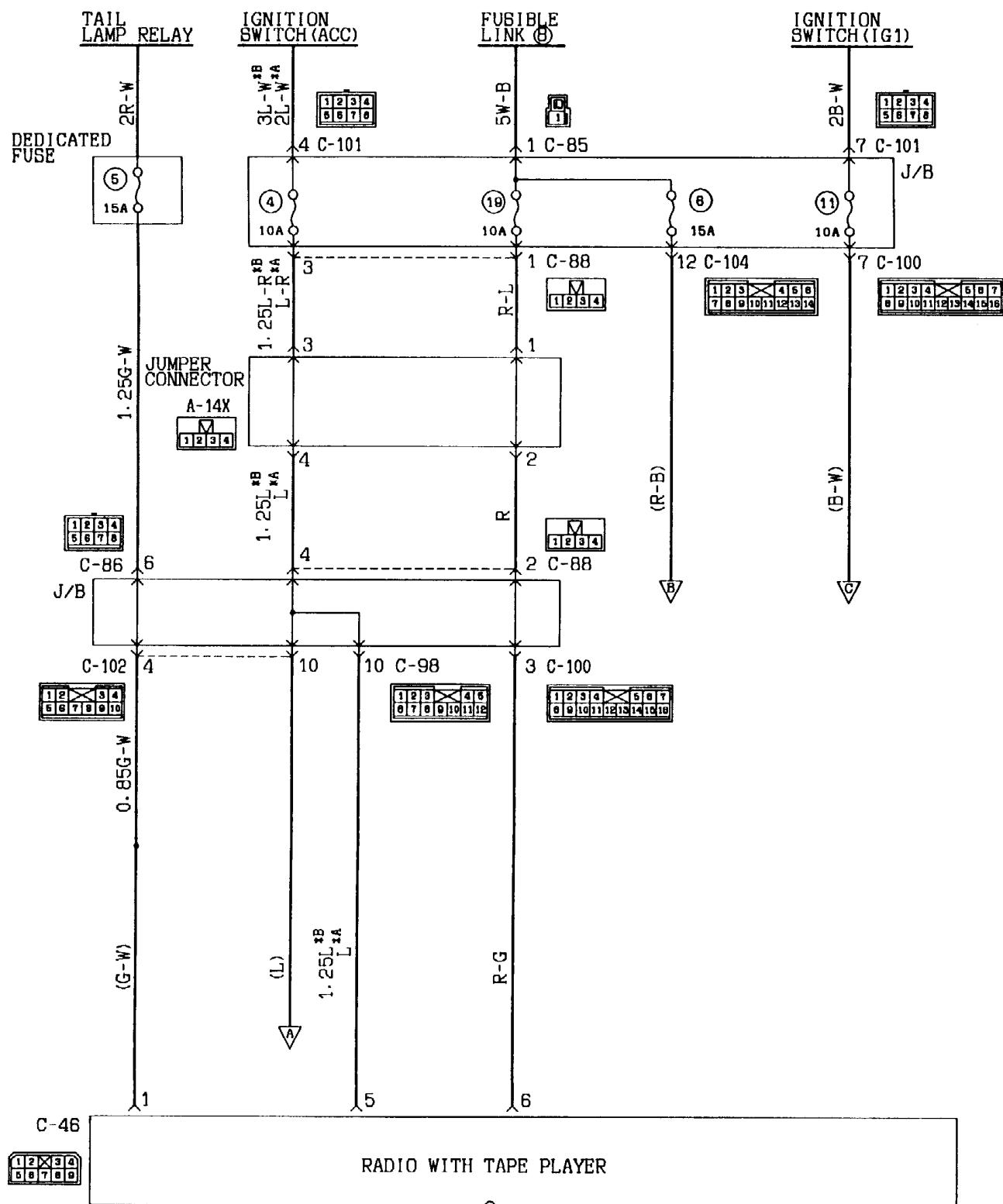
32-1 L. H. drive vehicles



Remark
 *A: Vehicles built up to March 1991.
 *B: Vehicles built from April 1991.



32-2 R. H. drive vehicles

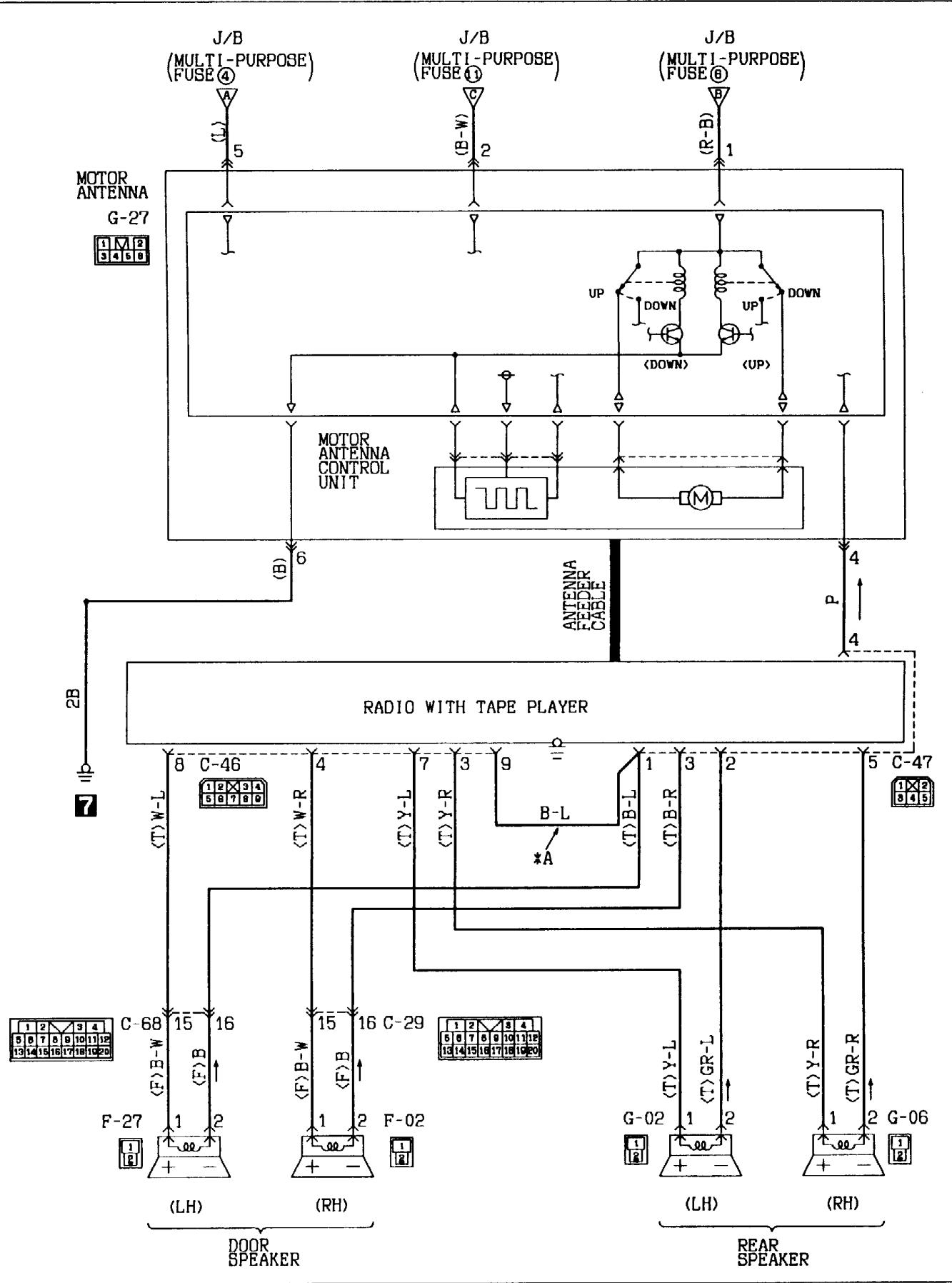


Remark

*A:Vehicles built up to March 1991.
*B:Vehicles built from April 1991.

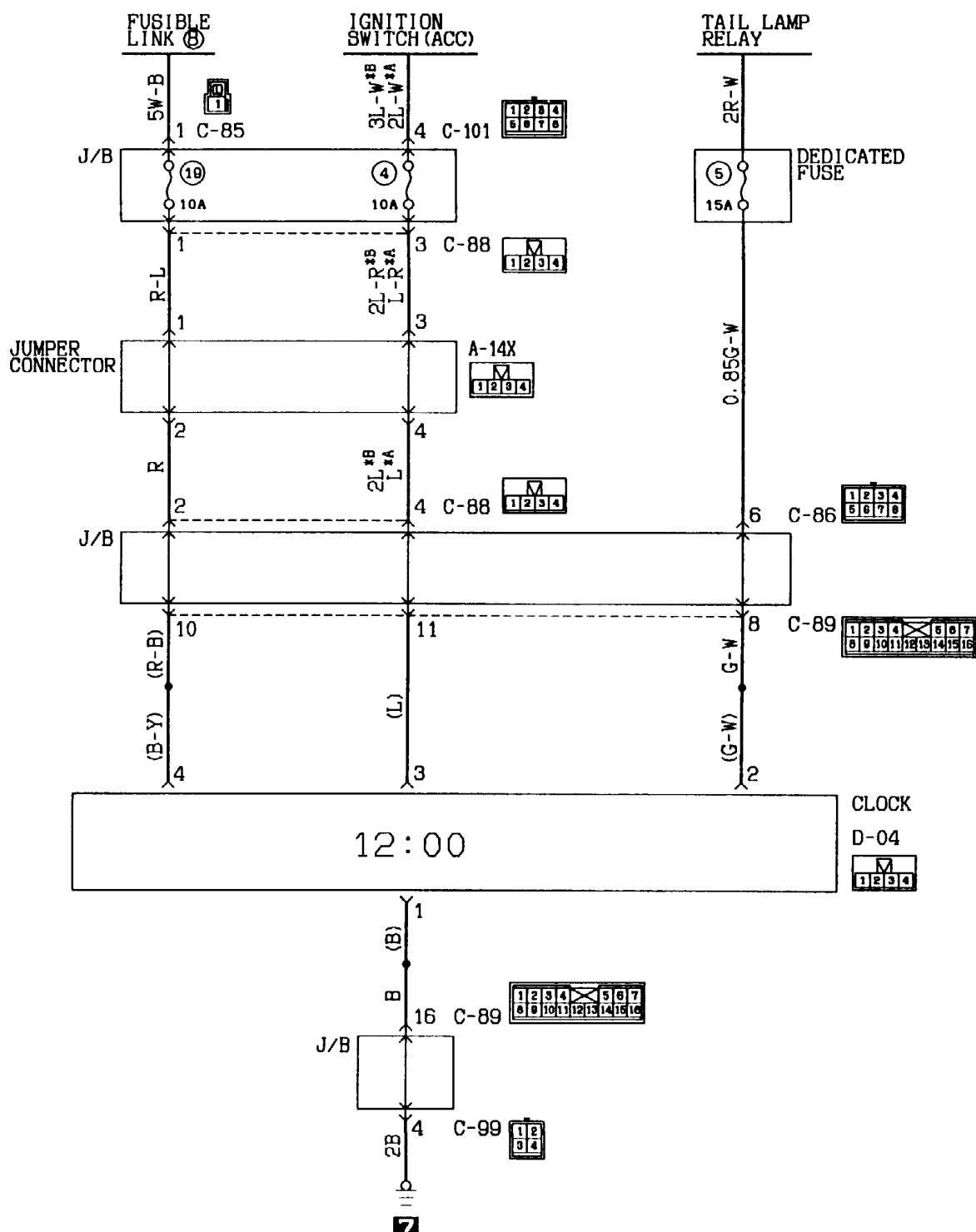
Wire colour code

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	



33 CLOCK CIRCUIT

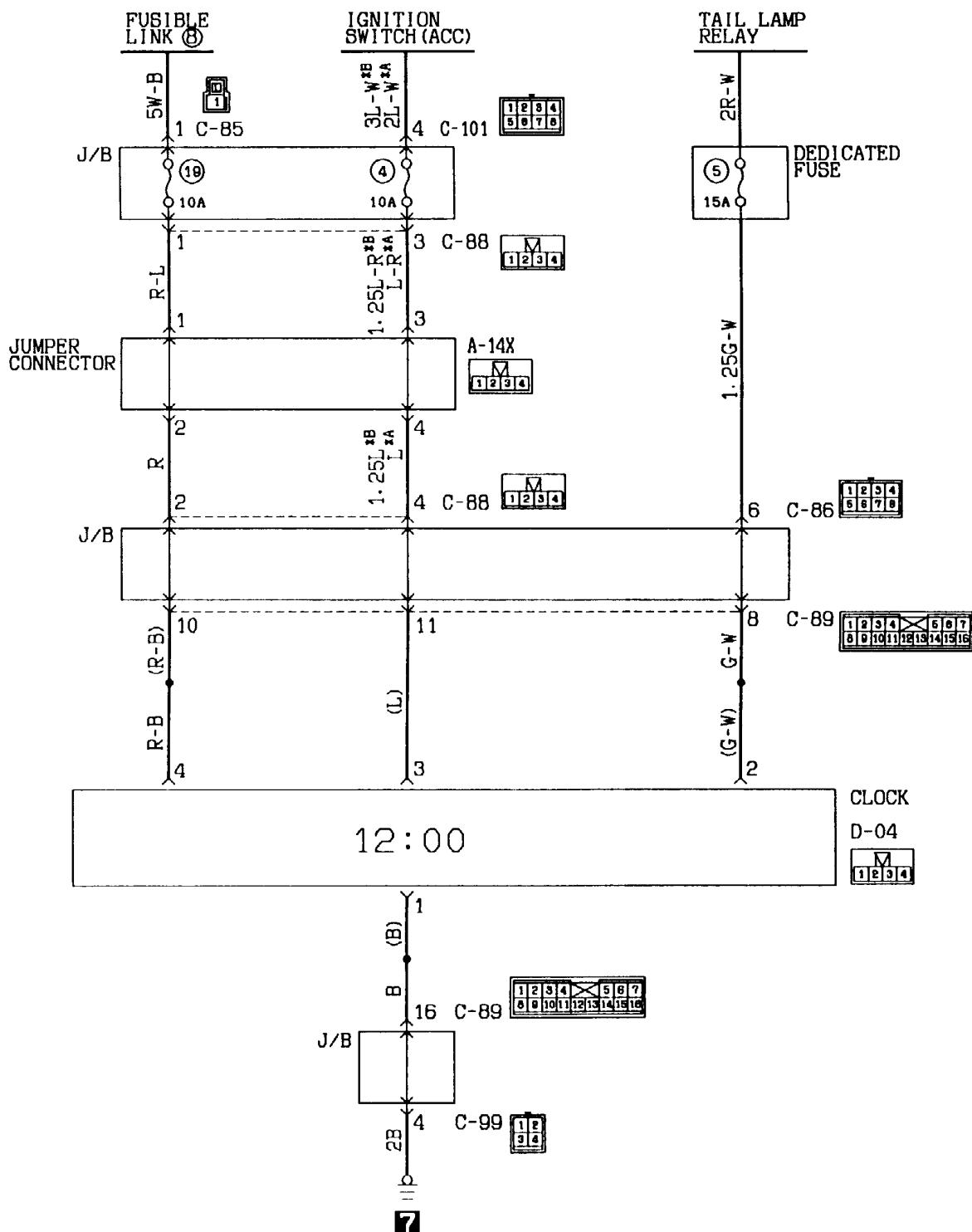
33-1 L. H. drive vehicles



Remark

*A: Vehicles built up to March 1991.
*B: Vehicles built from April 1991.

33-2 R. H. drive vehicles

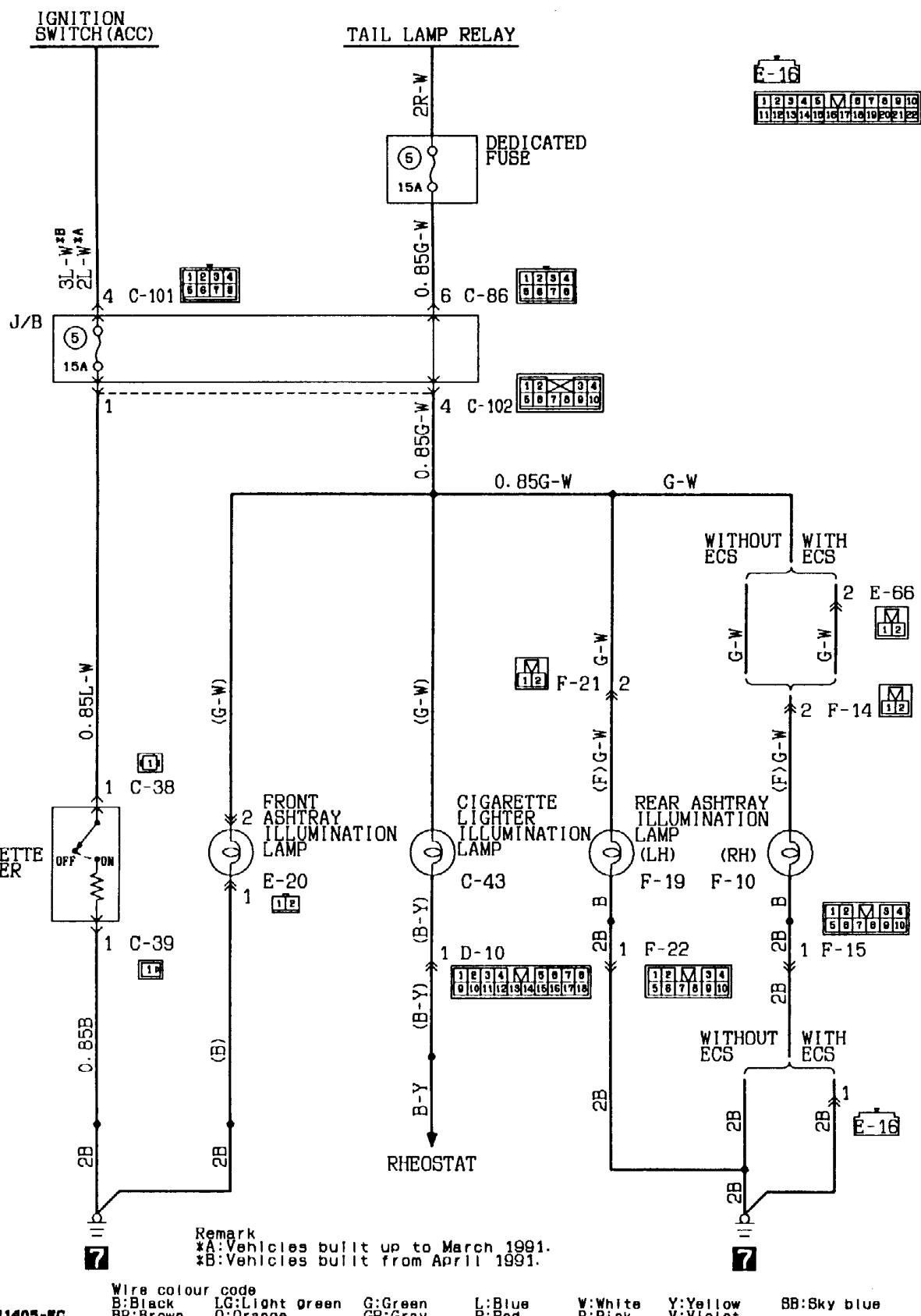


Remark
 *A: Vehicles built up to March 1991.
 *B: Vehicles built from April 1991.

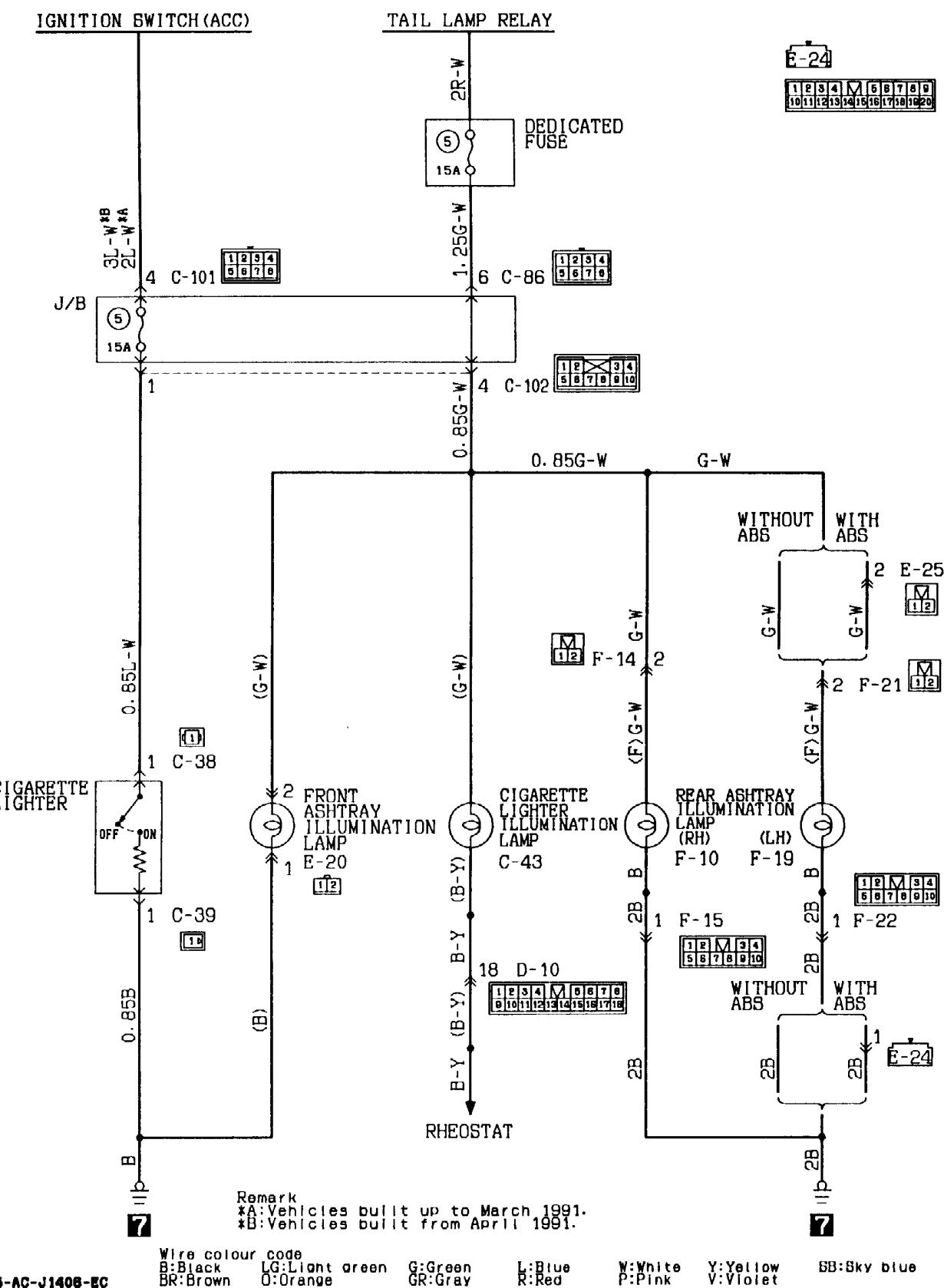
Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow BB:Sky blue
 BR:Brown O:Orange GR:Grey R:Red P:Pink V:Violet

34 CIGARETTE LIGHTER CIRCUIT

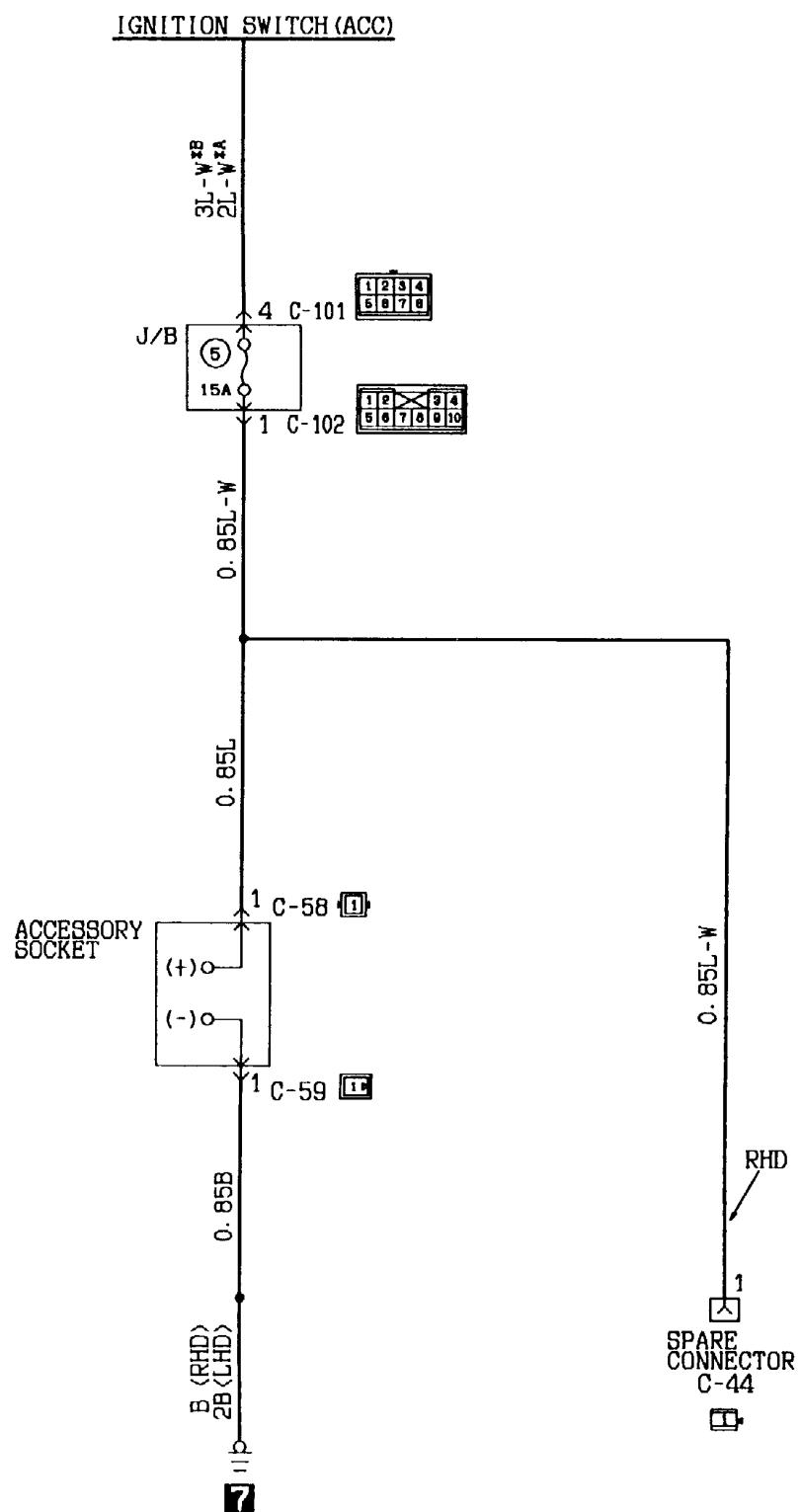
34-1 L.H. drive vehicles



34-2 R. H. drive vehicles



35 ACCESSORY SOCKET CIRCUIT



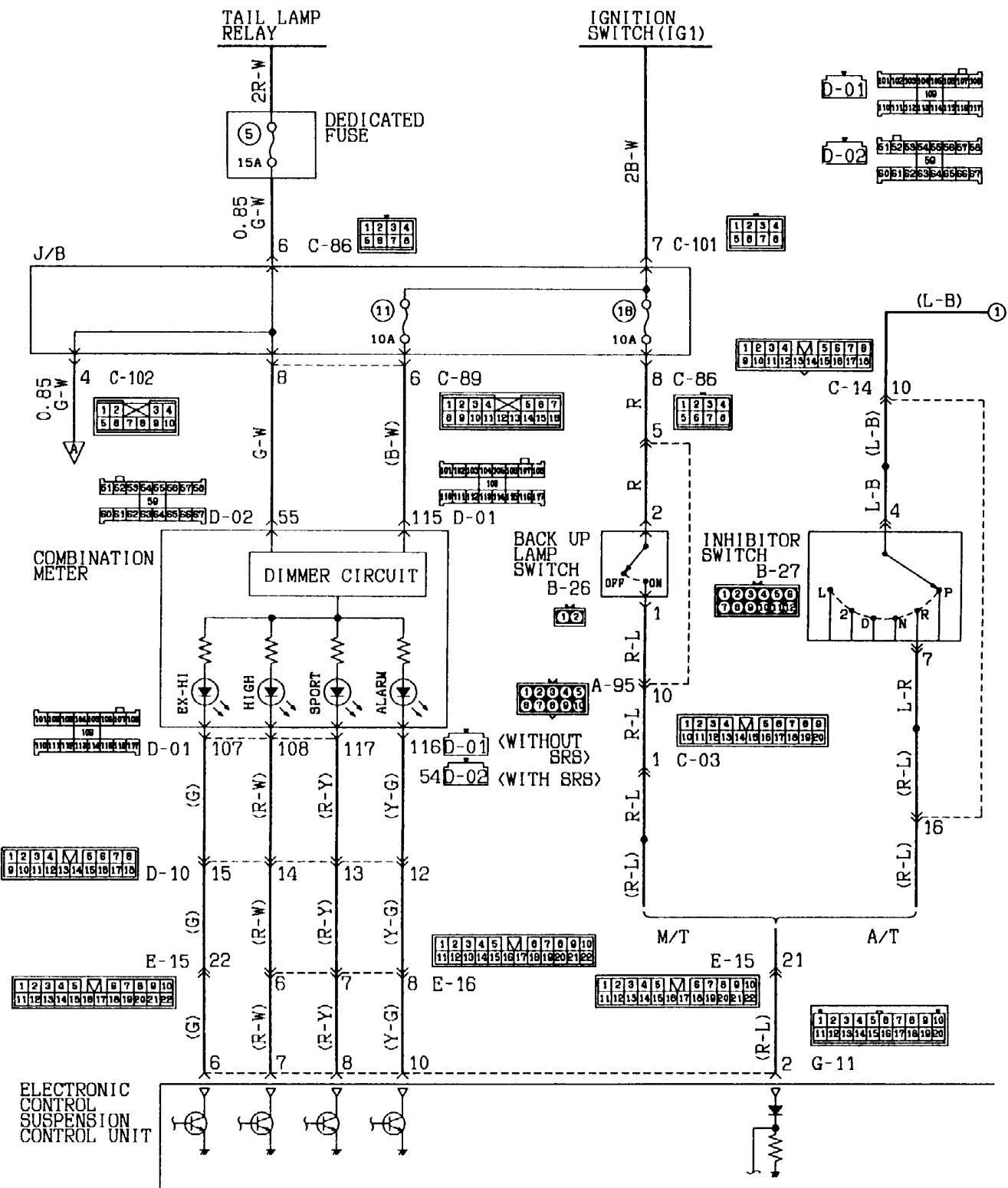
Remark
*A: Vehicles built up to March 1991.
*B: Vehicles built from April 1991.

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	

36 ACTIVE-ELECTRONIC CONTROL SUSPENSION CIRCUIT

36-1 L.H. drive vehicles

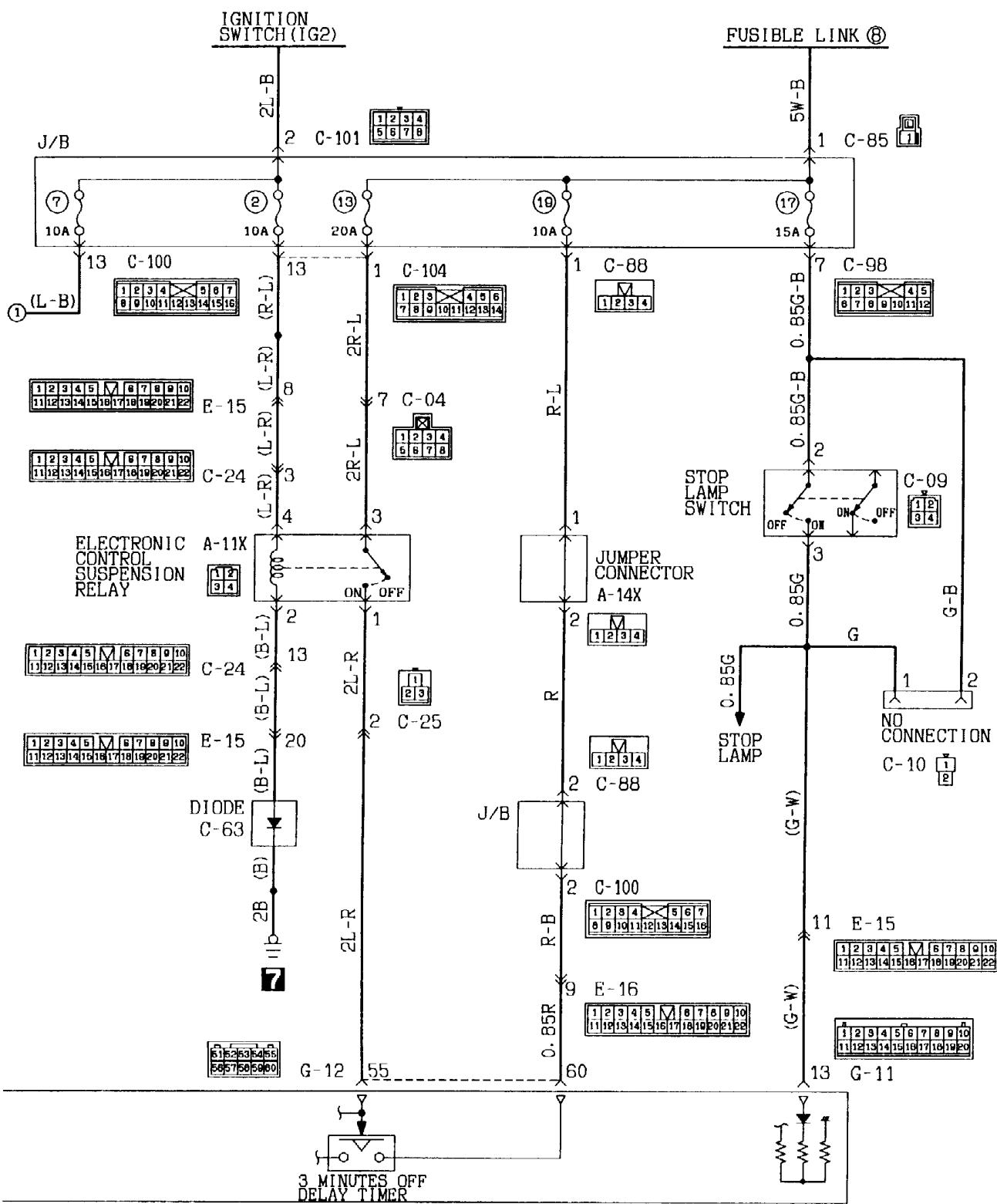


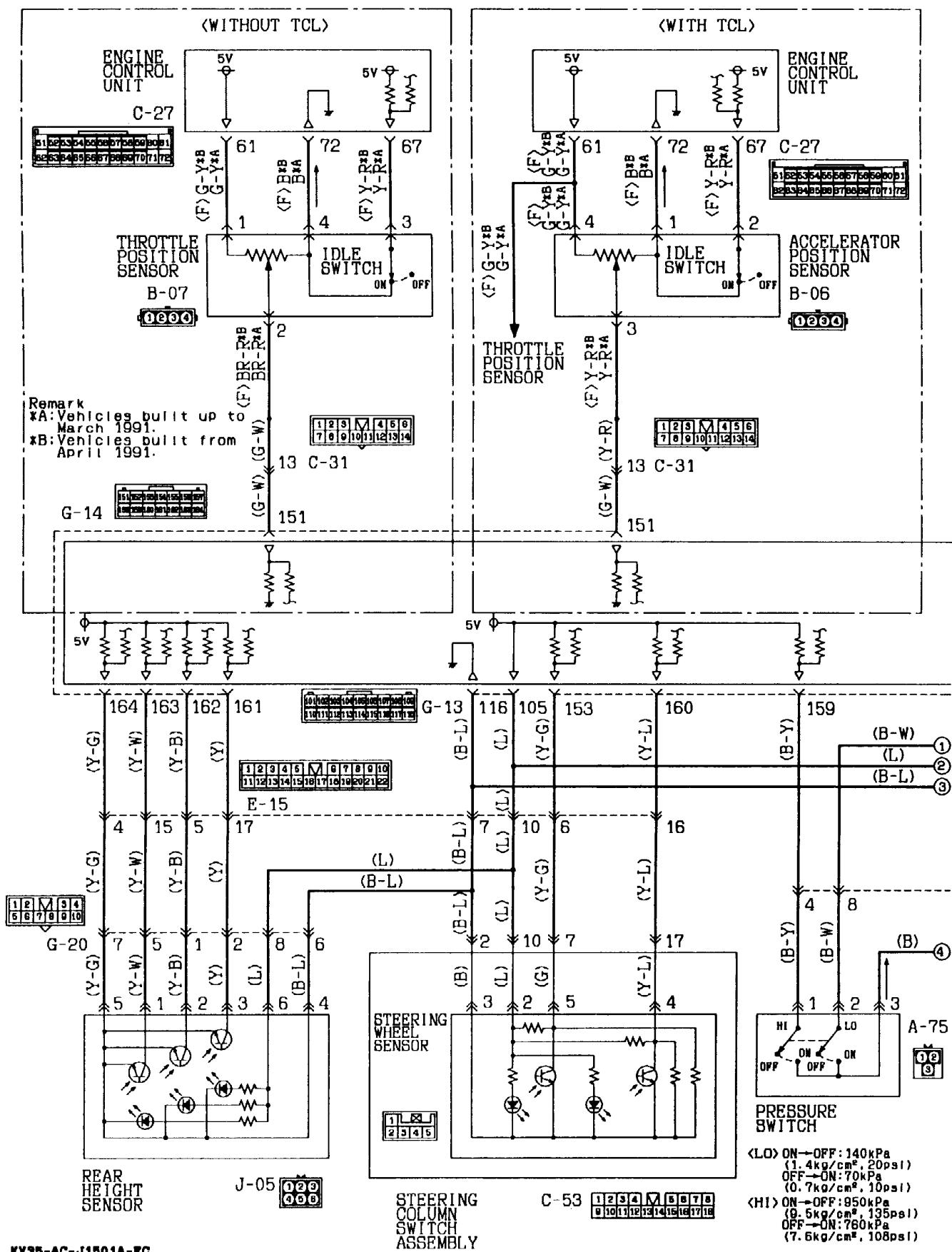
Wire colour code

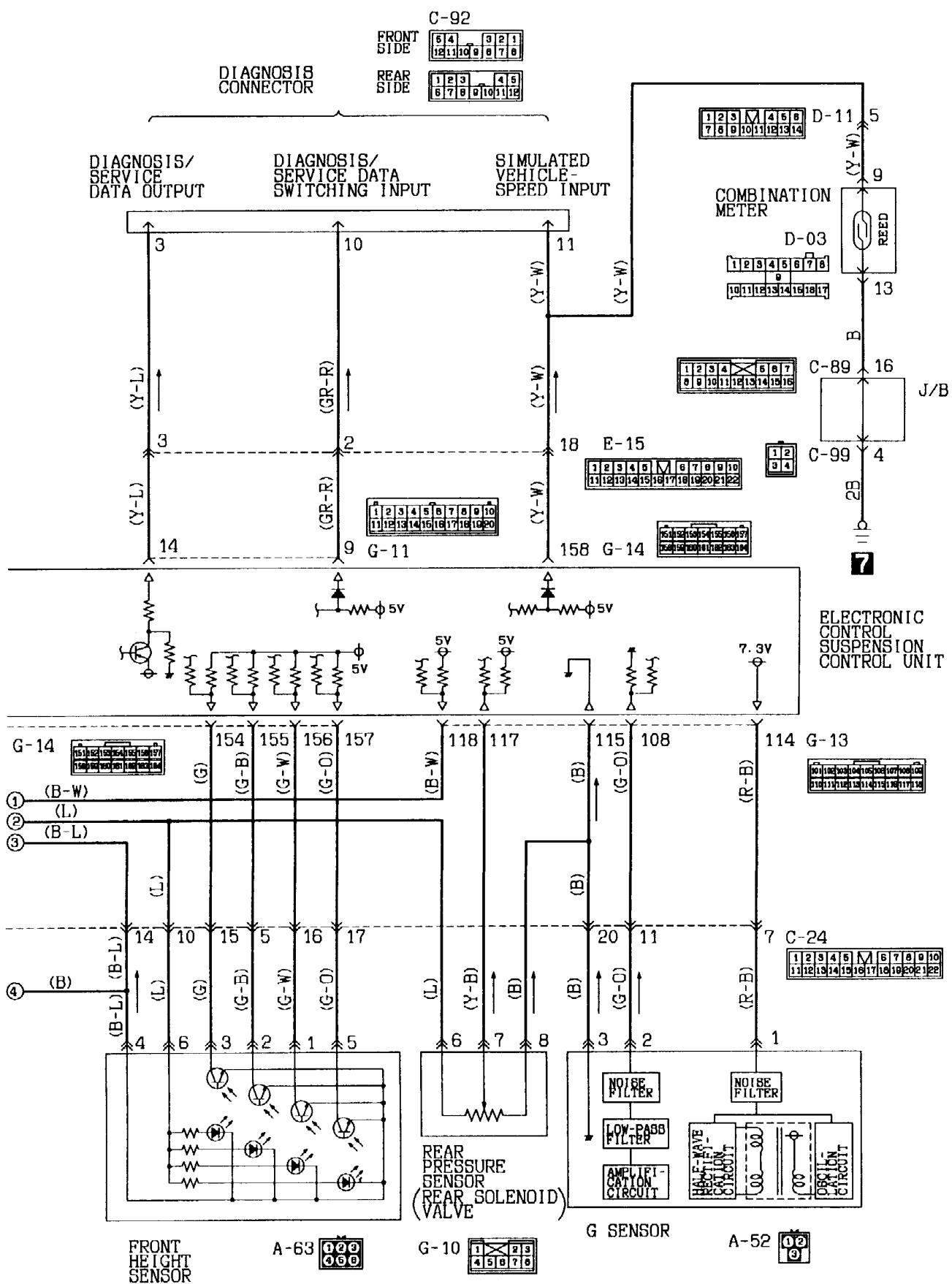
B:Black	LG:Light green	G:Green
BR:Brown	O:Orange	GR:Gray

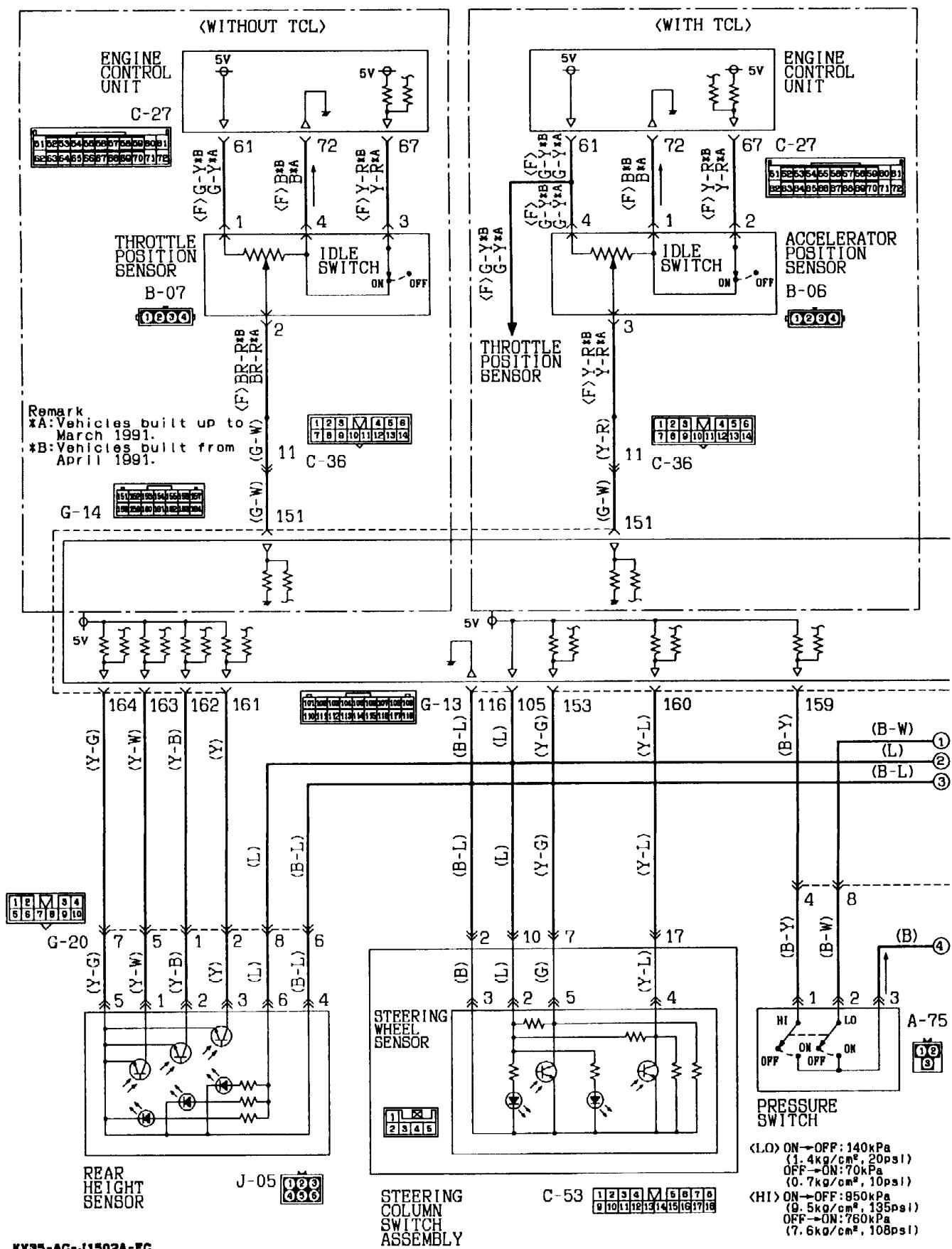
L:Blue	W:White
R:Red	P:Pink

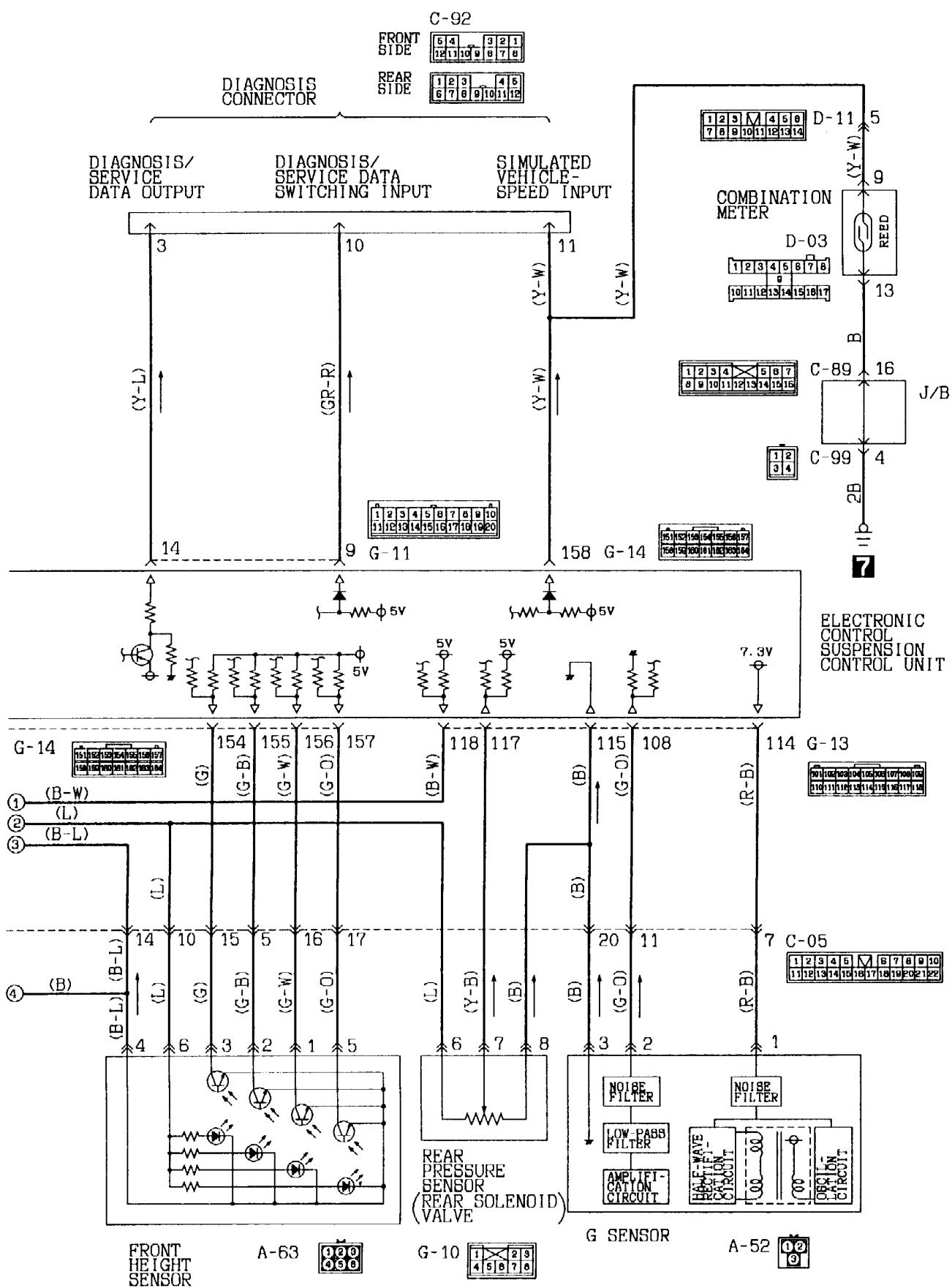
Y:Yellow	V:Violet
BB:Sky blue	





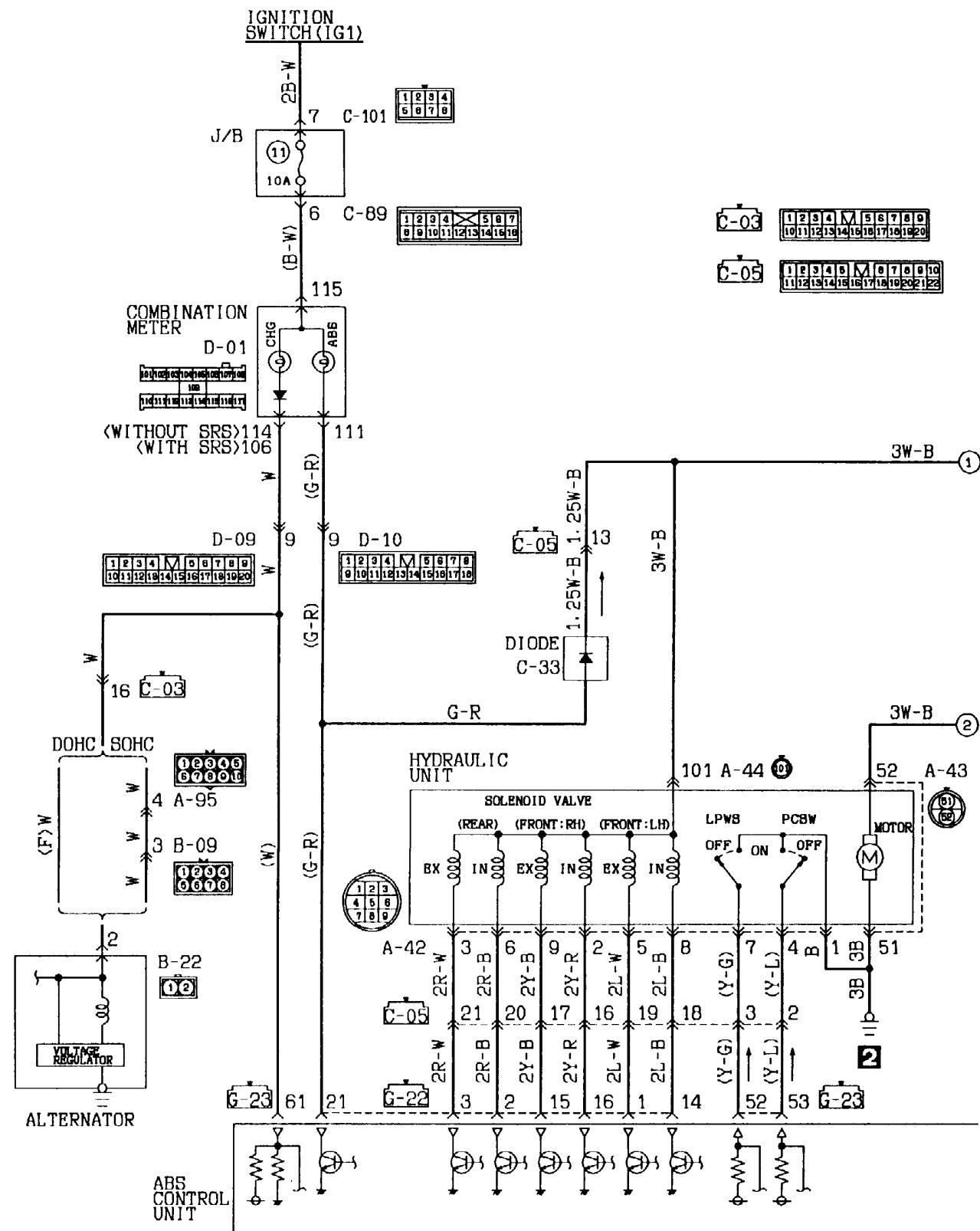


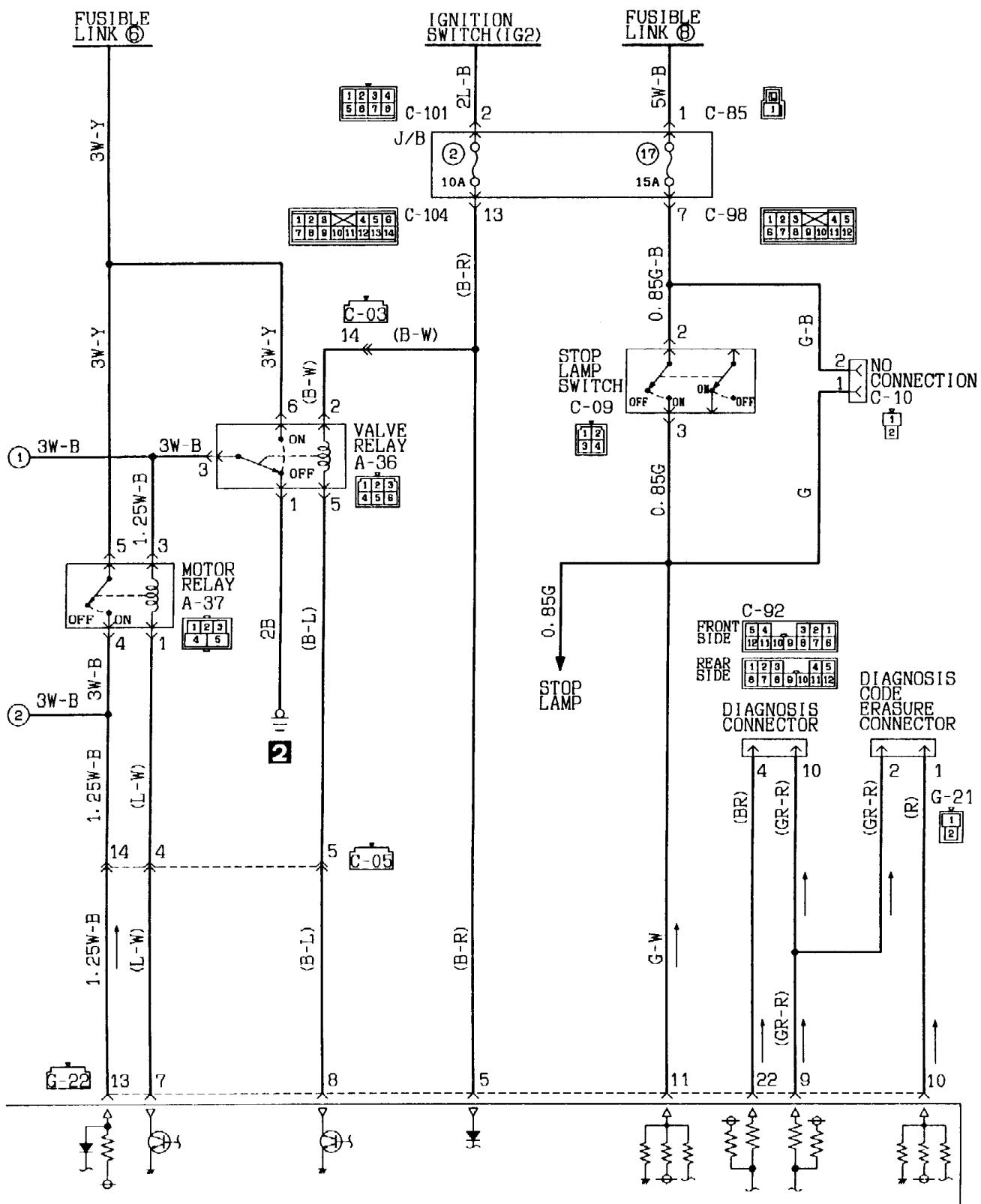




37 ANTI-SKID BRAKE SYSTEM CIRCUIT

37-1 L. H. drive vehicles





Wire colour code

B:Black BR:Brown

LG:Light green O:Orange

G:Green GR:Gray

L:Blue R:Red

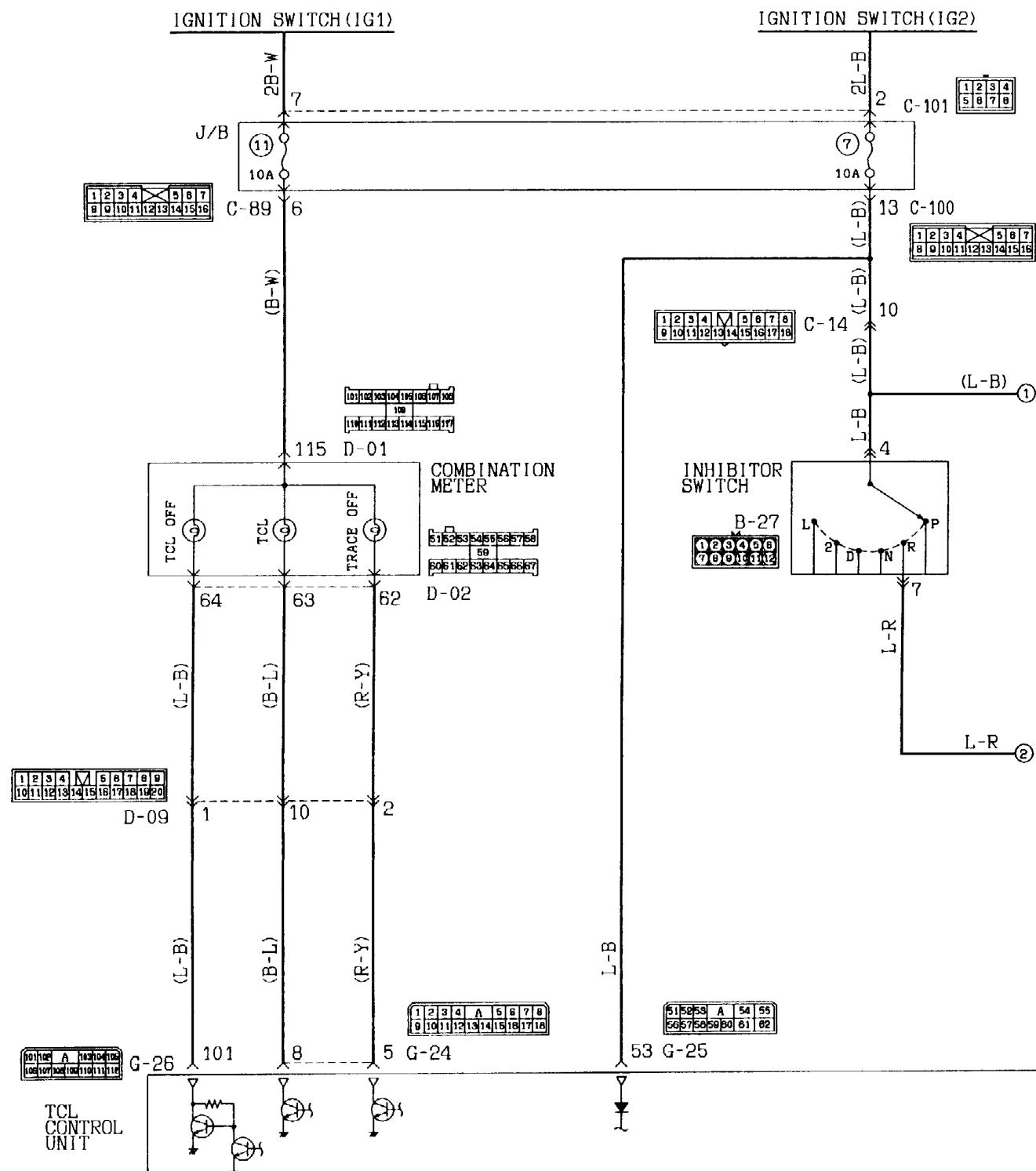
W:White P:Pink

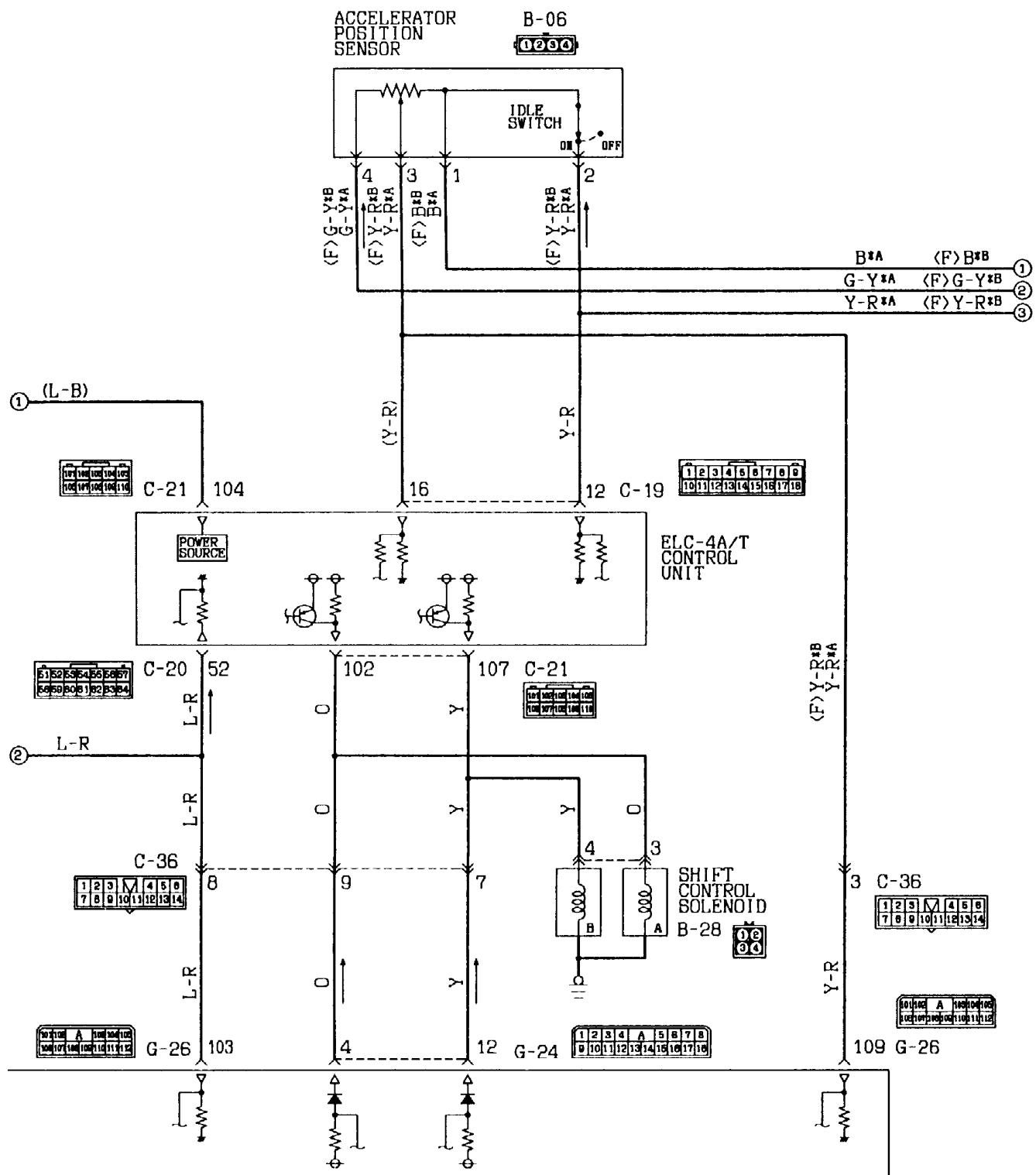
Y:Yellow V:Violet

BB:Sky blue

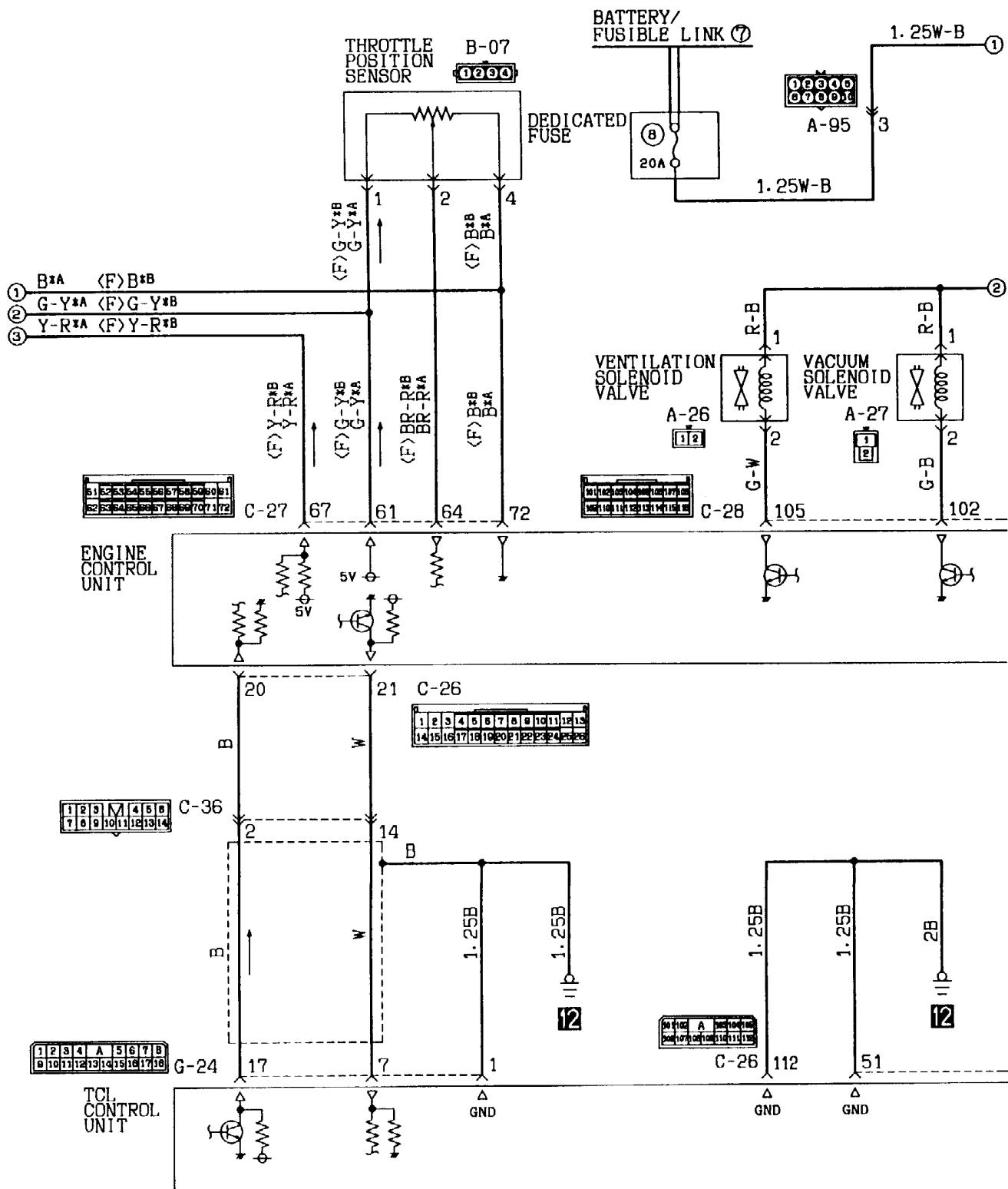
38 TRACTION CONTROL SYSTEM CIRCUIT

38-1 L.H. drive vehicles

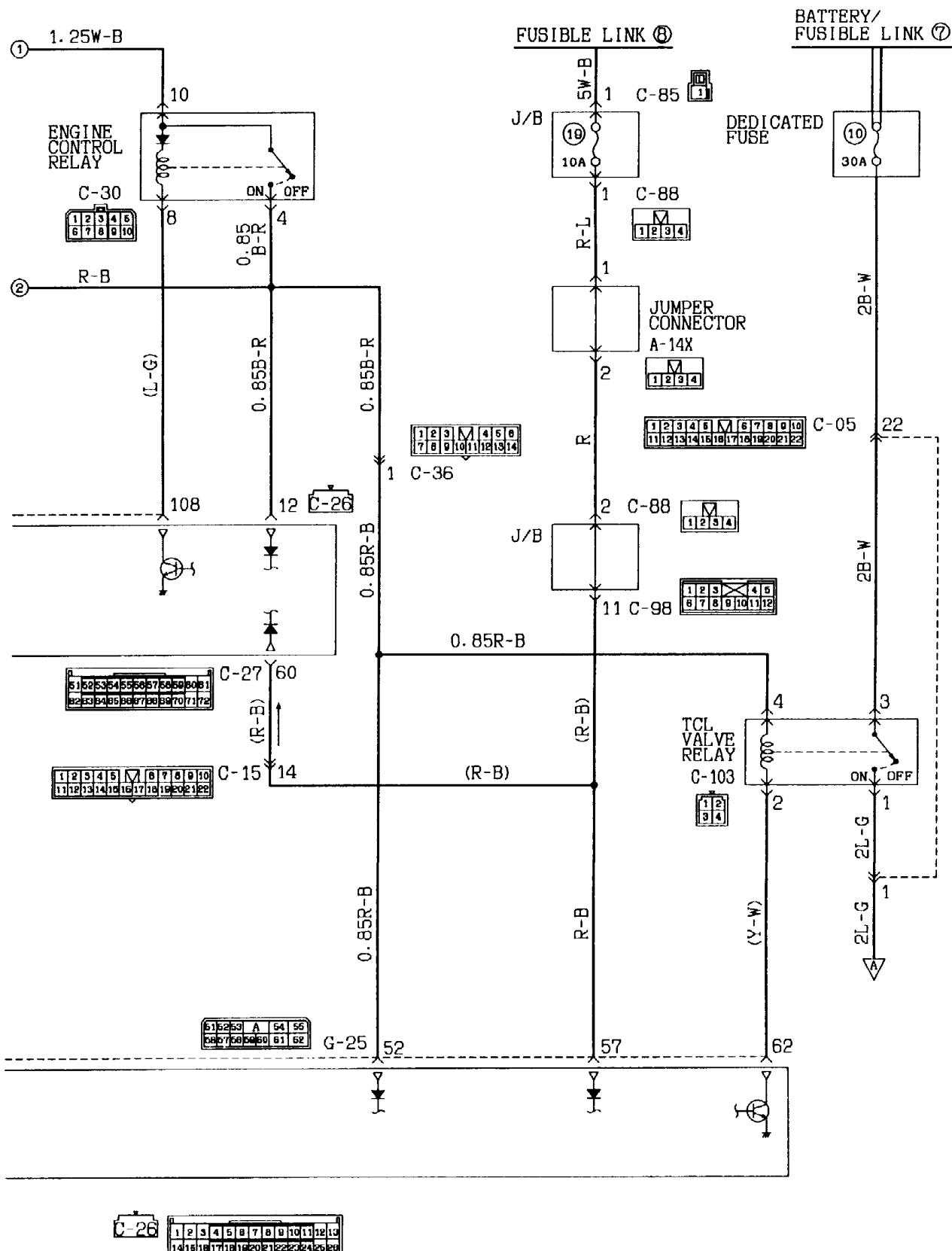


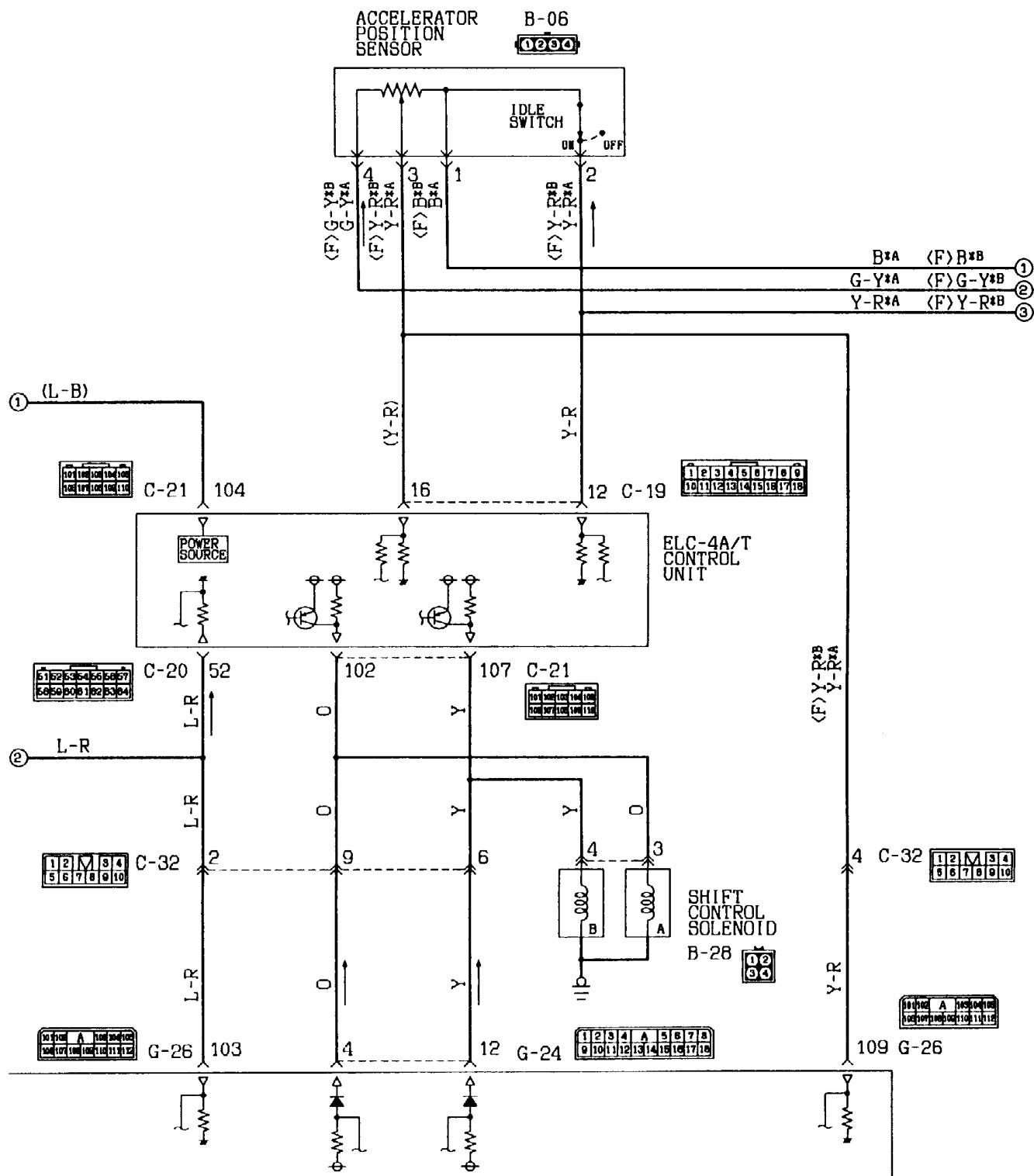


Remark
*A:Vehicles built up to March 1991.
*B:Vehicles built from April 1991.

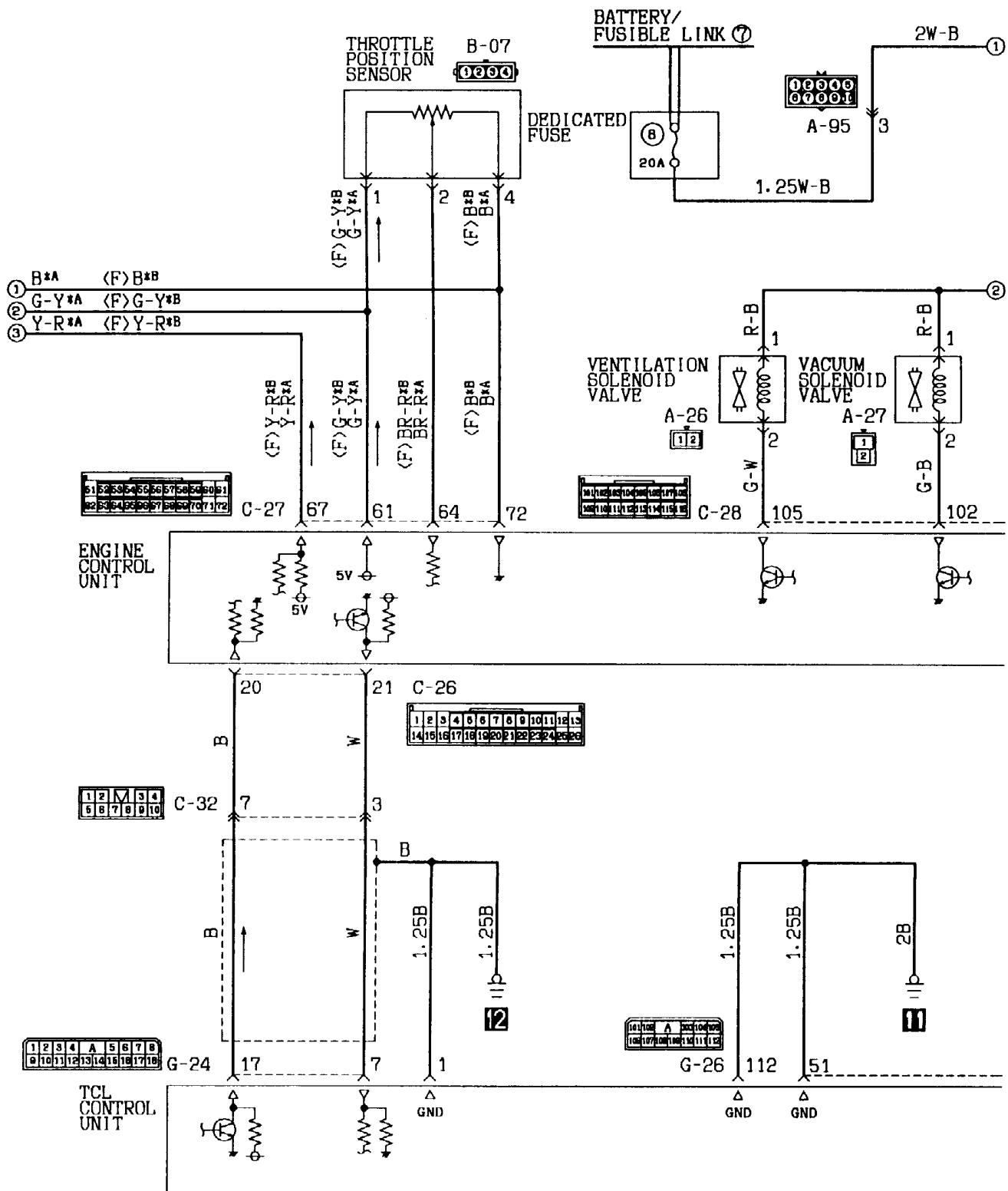


Wire colour code
 B:Black LG:Light green G:Green L:Blue
 BR:Brown O:Orange GR:Gray R:Red W:White P:Pink Y:Yellow BB:Blue





Remark
 *A: Vehicles built up to March 1991.
 *B: Vehicles built from April 1991.

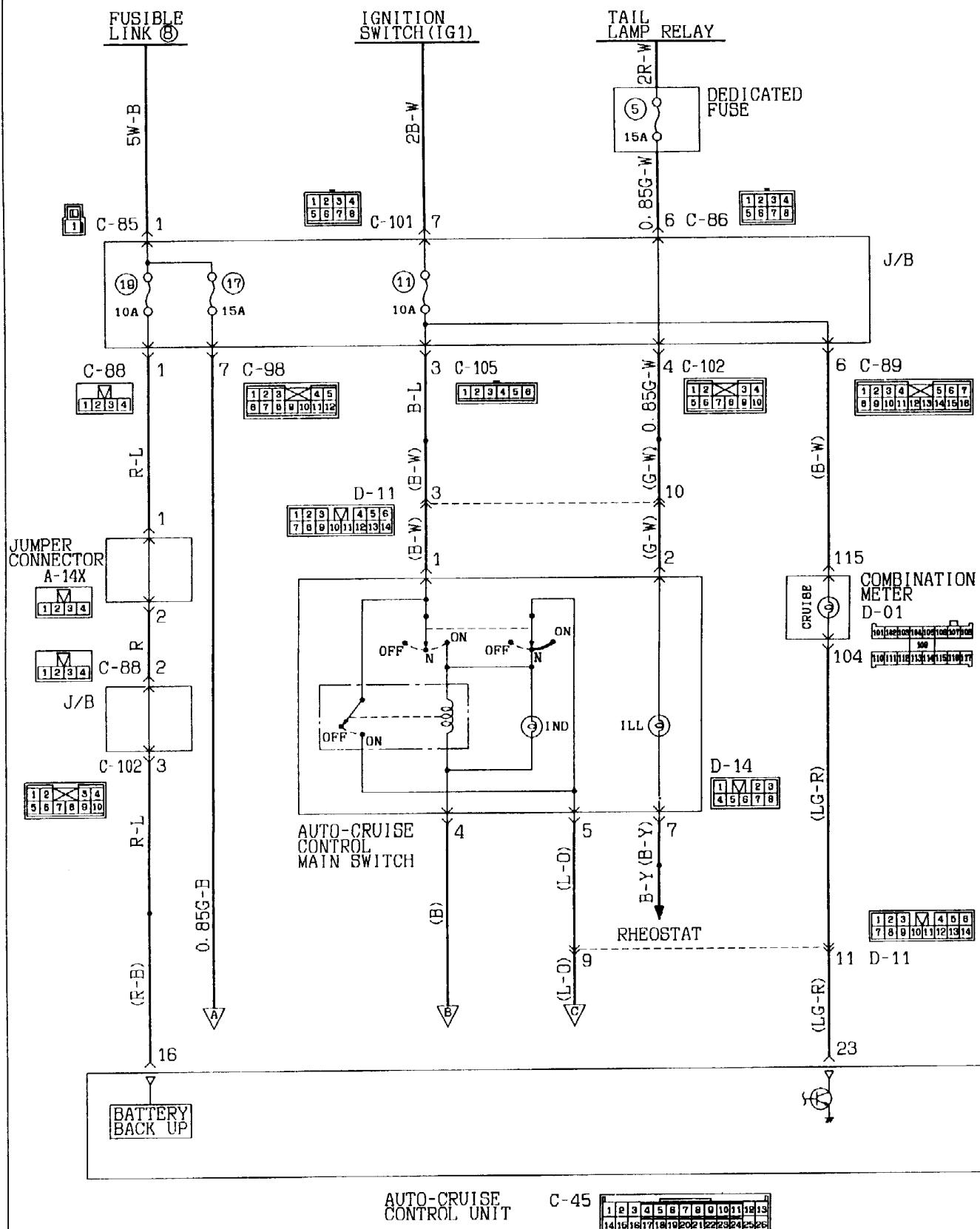


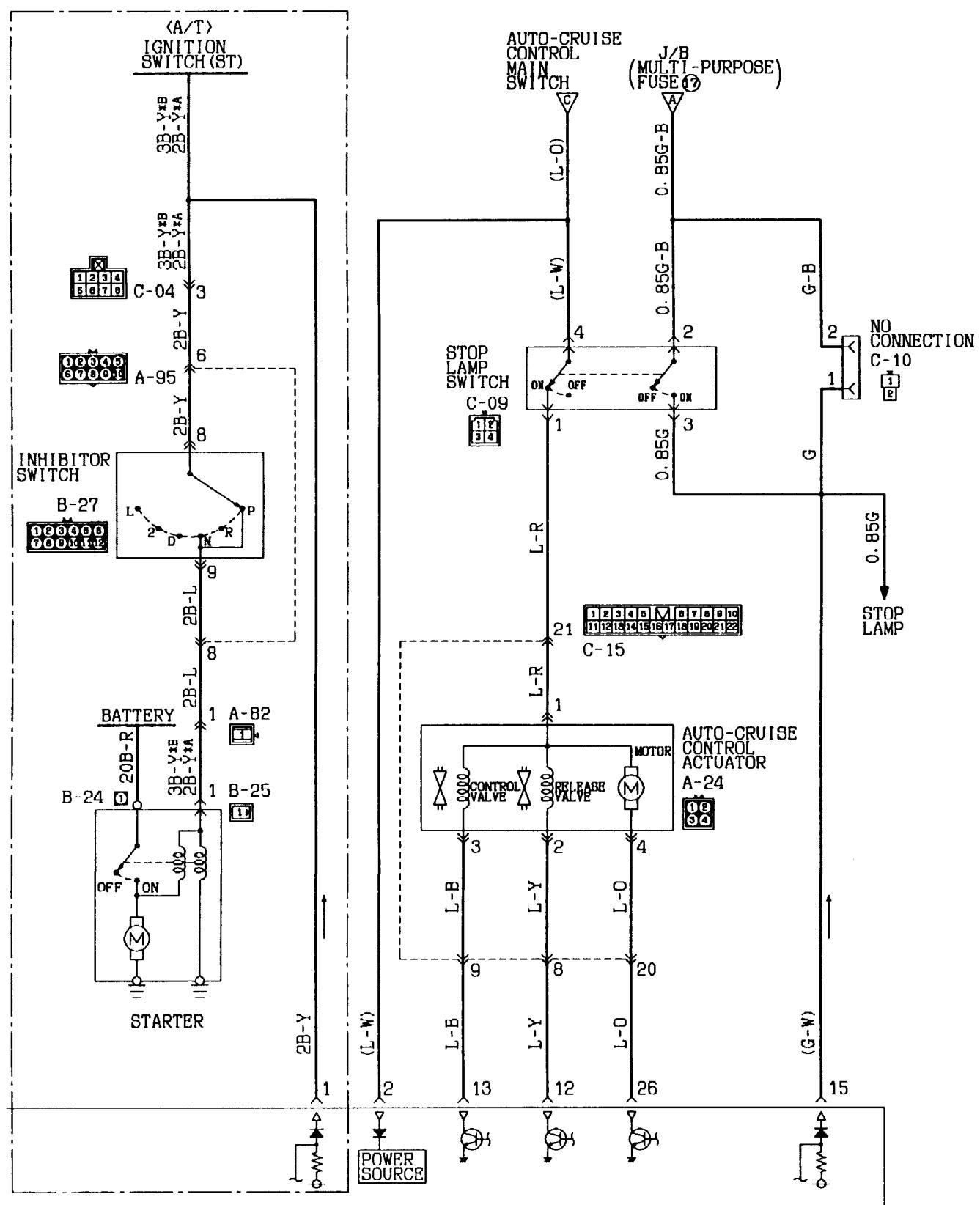
Remark
 *A: Vehicles built up to March 1991.
 *B: Vehicles built from April 1991.

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

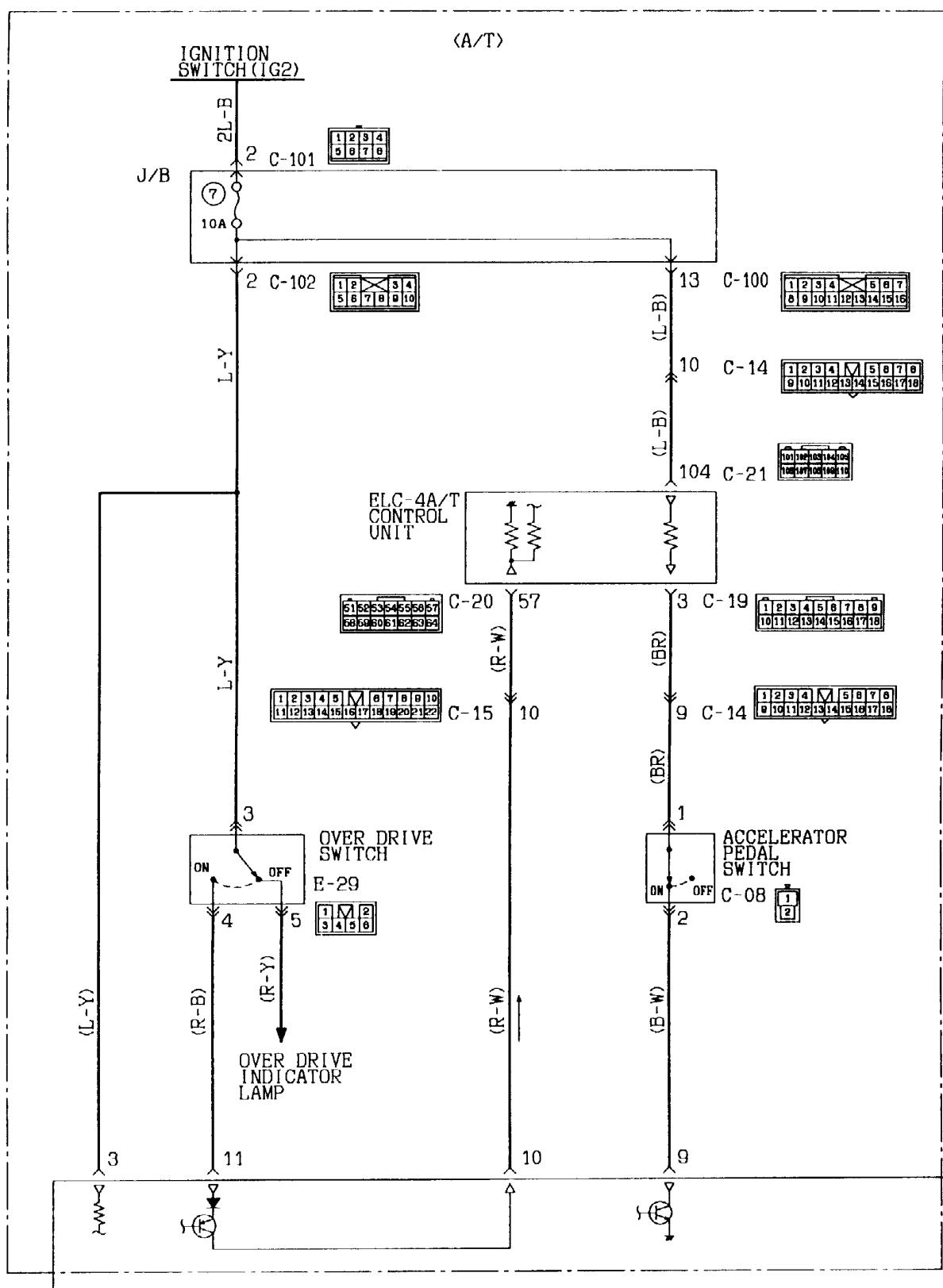
39 AUTO-CRUISE CONTROL CIRCUIT

39-1 L.H. drive vehicles





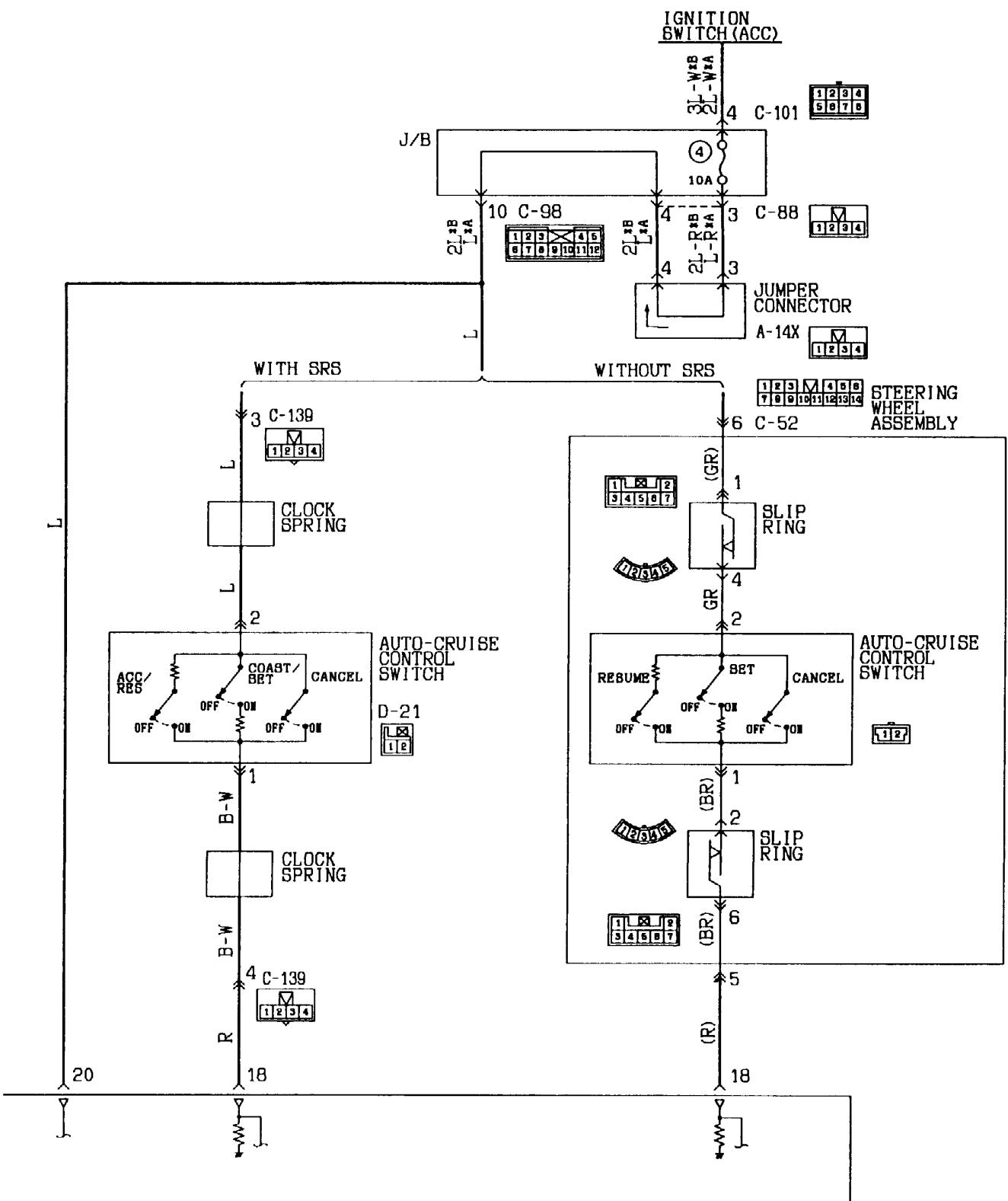
Remark
 *A: Vehicles built up to March 1991.
 *B: Vehicles built from April 1991.



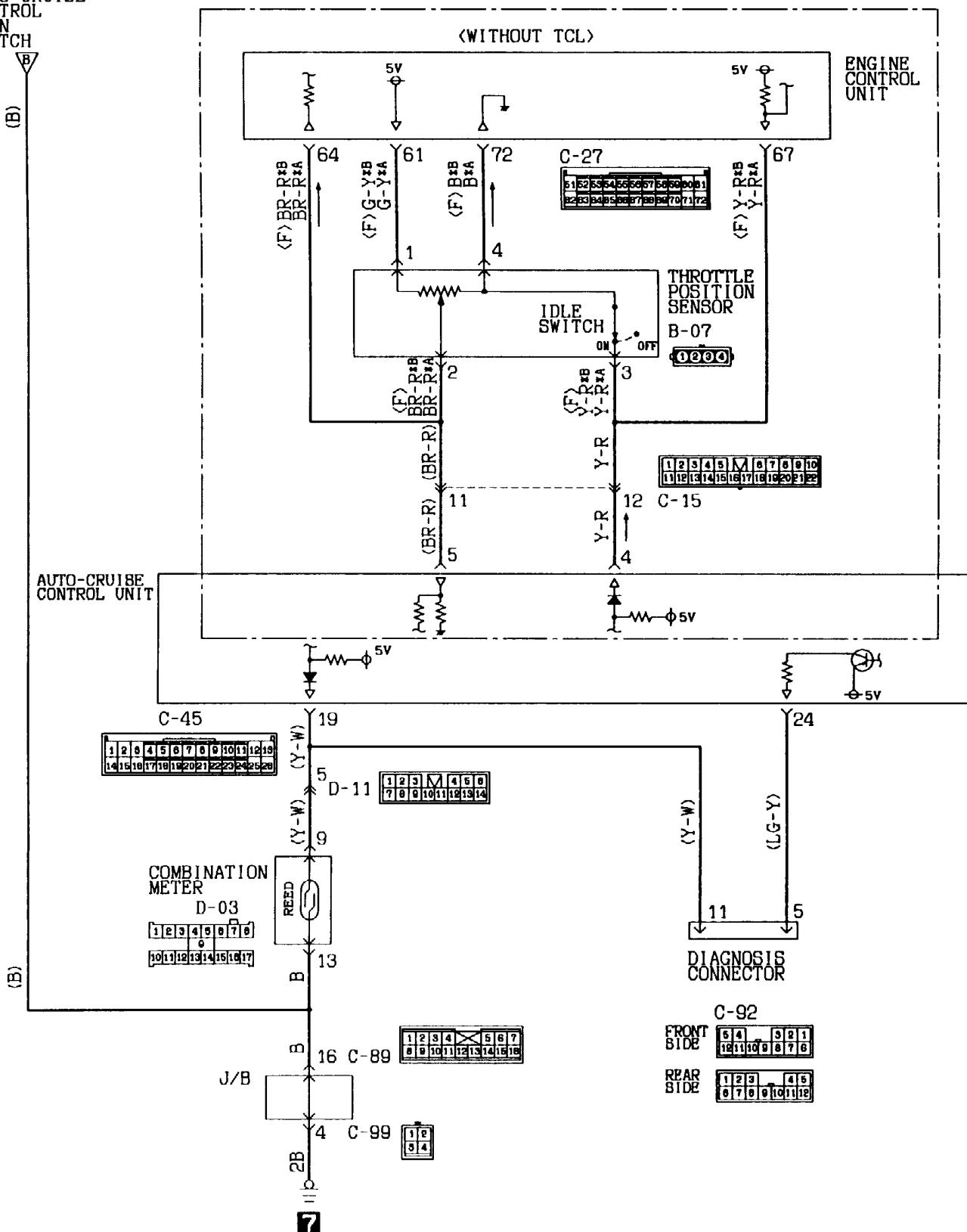
AUTO-CRUISE CONTROL UNIT

C-45

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

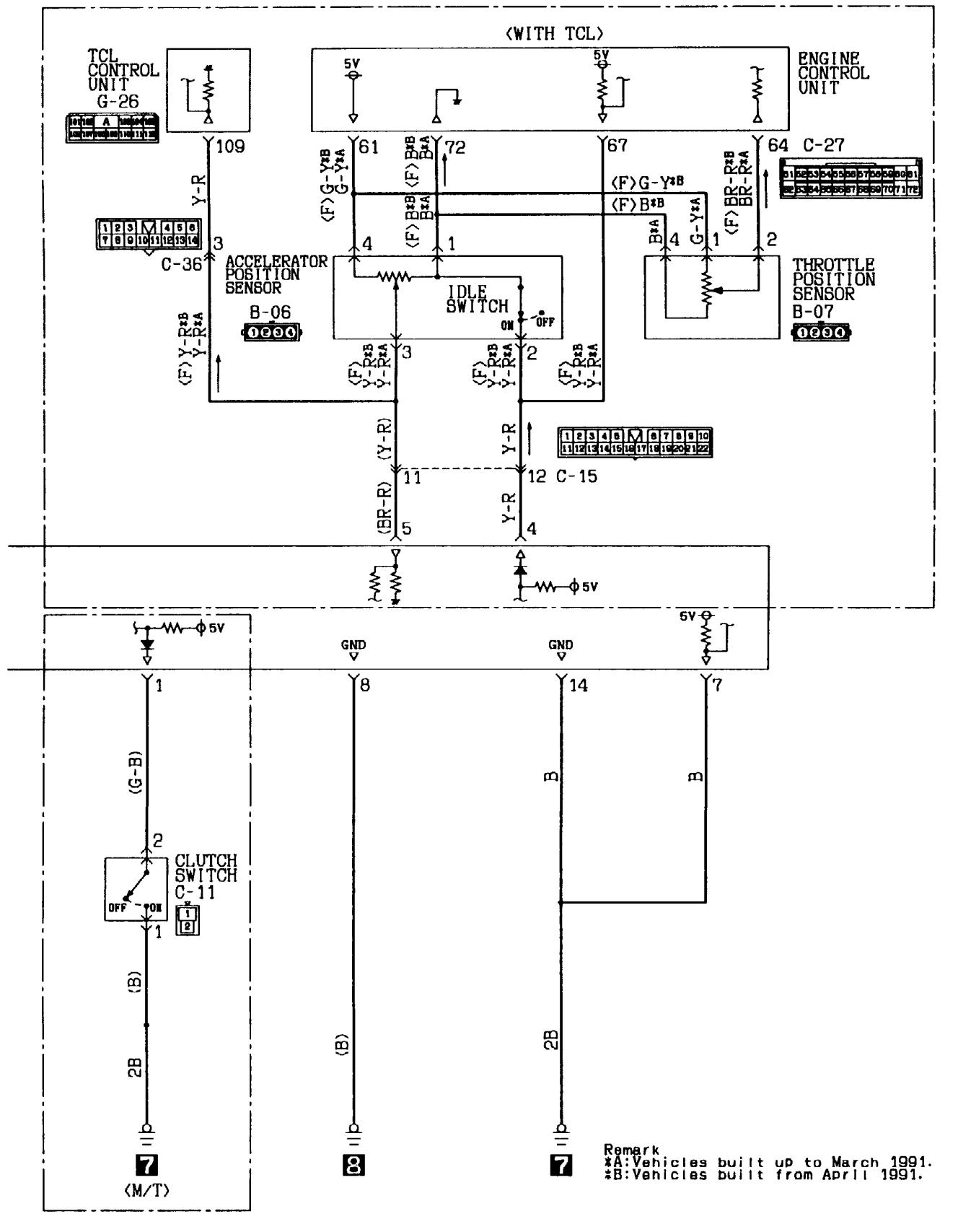
**Remark**

*A: Vehicles built up to March 1991.
*B: Vehicles built from April 1991.

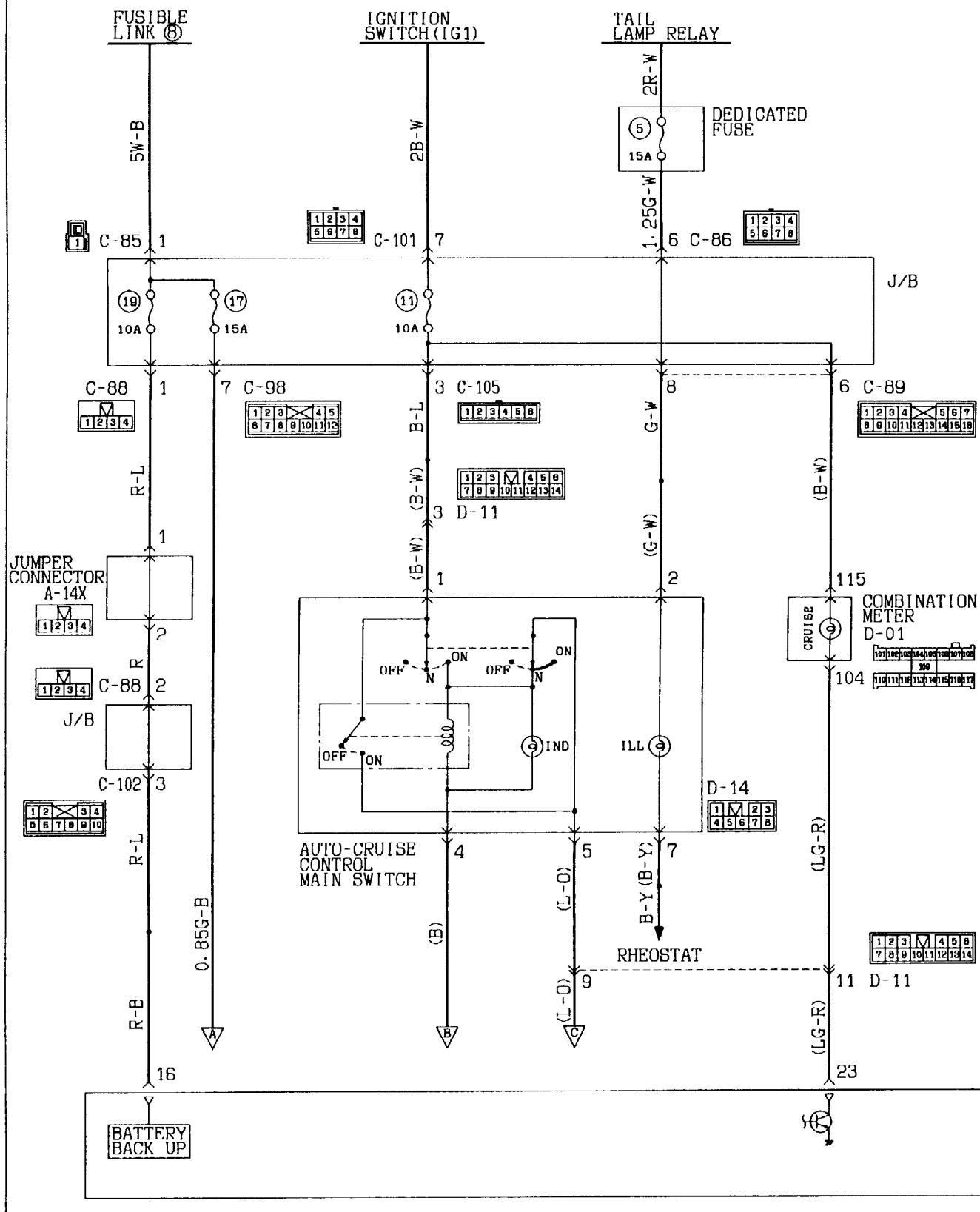
AUTO-CRUISE
CONTROL
MAIN
SWITCH

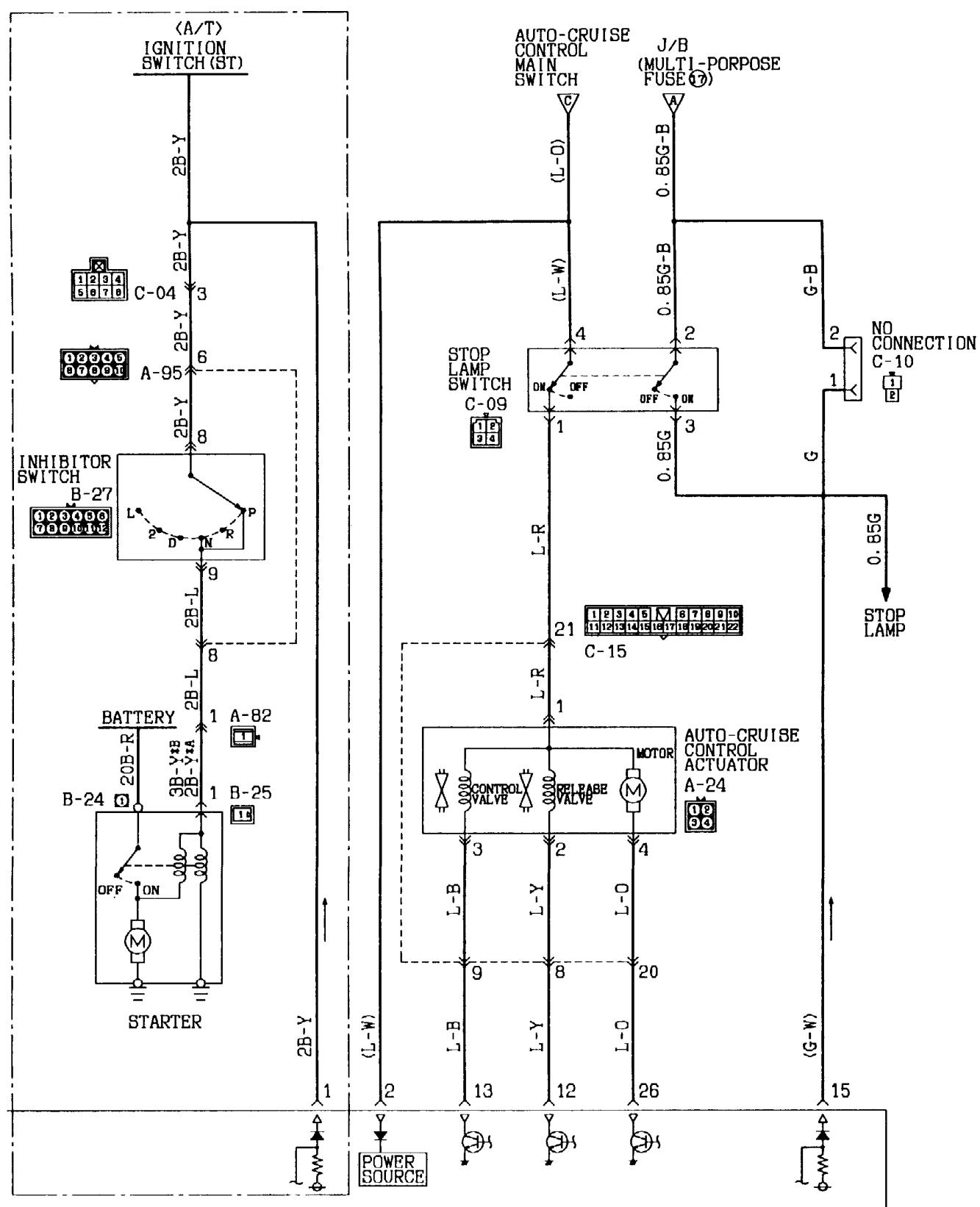
Wire colour code

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	

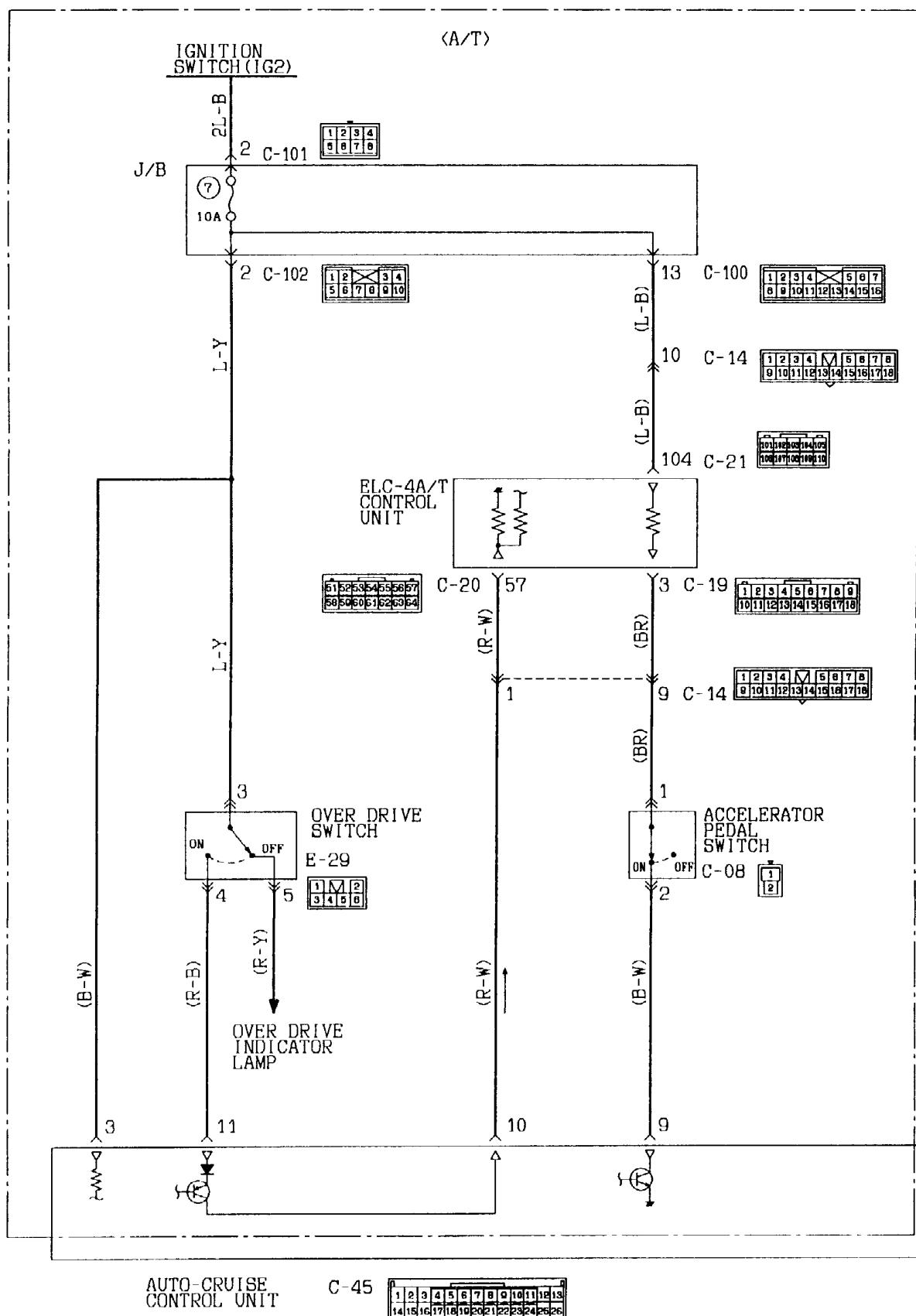


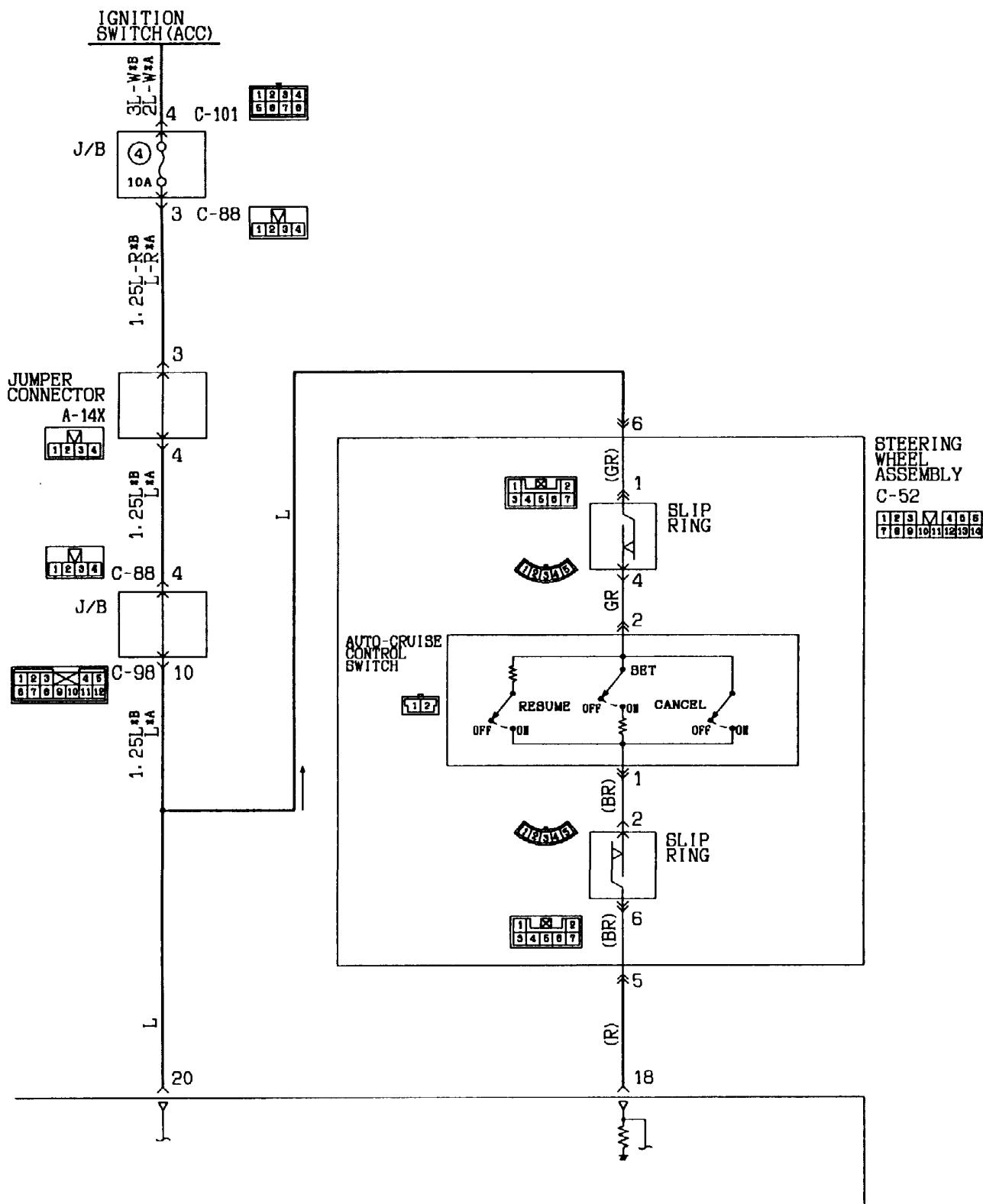
39-2 R. H. drive vehicles





Remark
 *A: Vehicles built up to March 1991.
 *B: Vehicles built from April 1991.



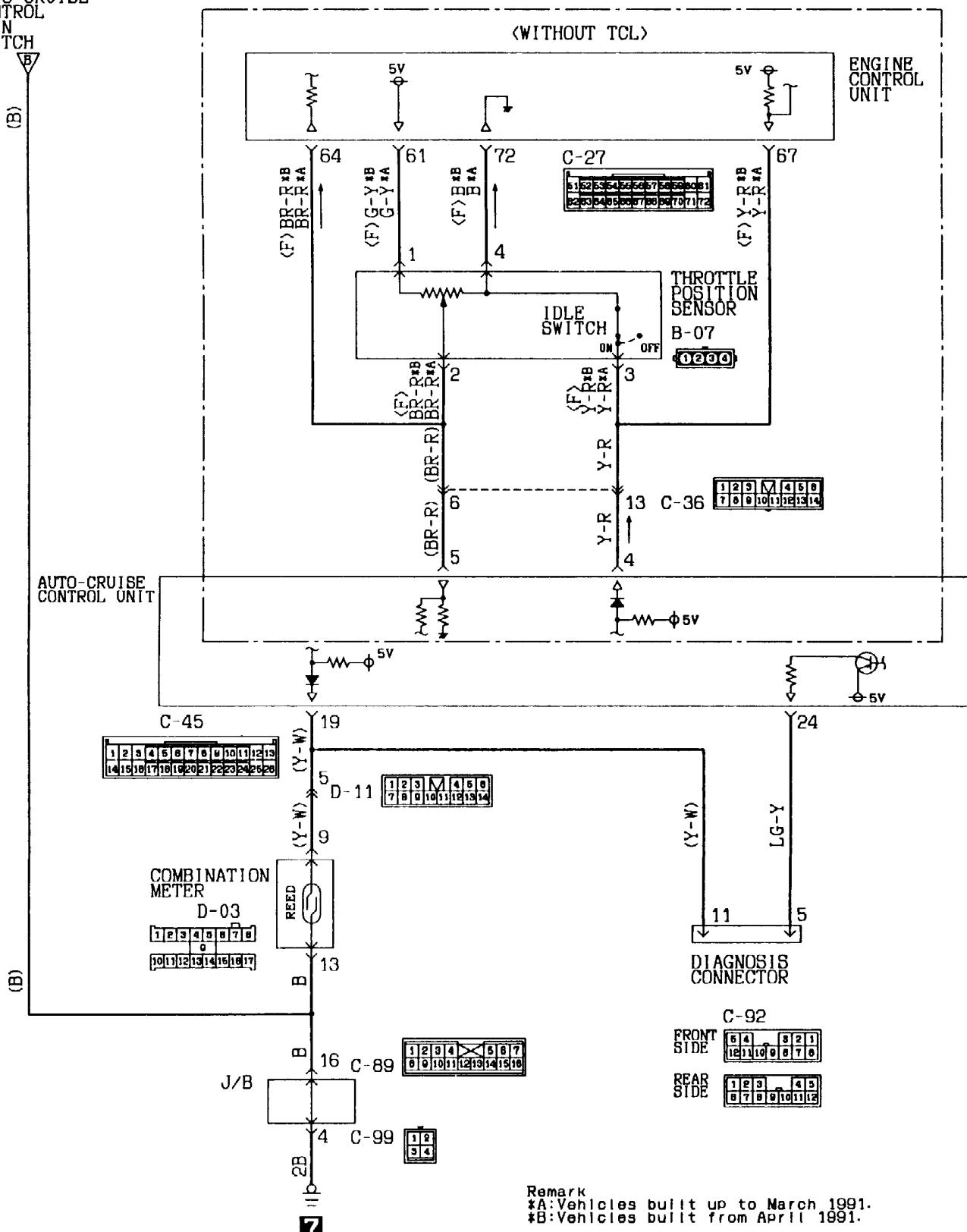
**Remark**

*A: Vehicles built up to March 1991.
*B: Vehicles built from April 1991.

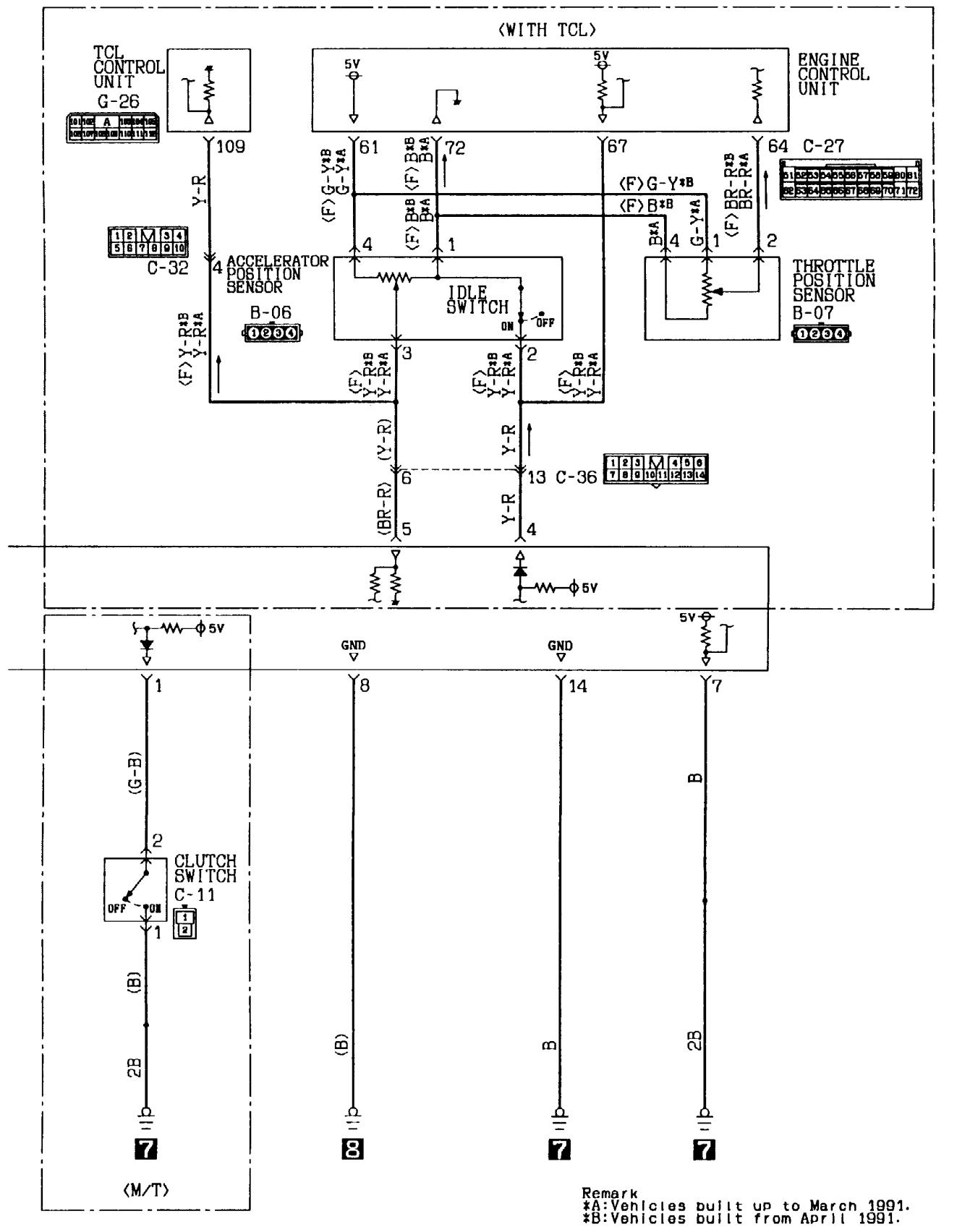
Wire colour code

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

AUTO-CRUISE
CONTROL
MAIN
SWITCH

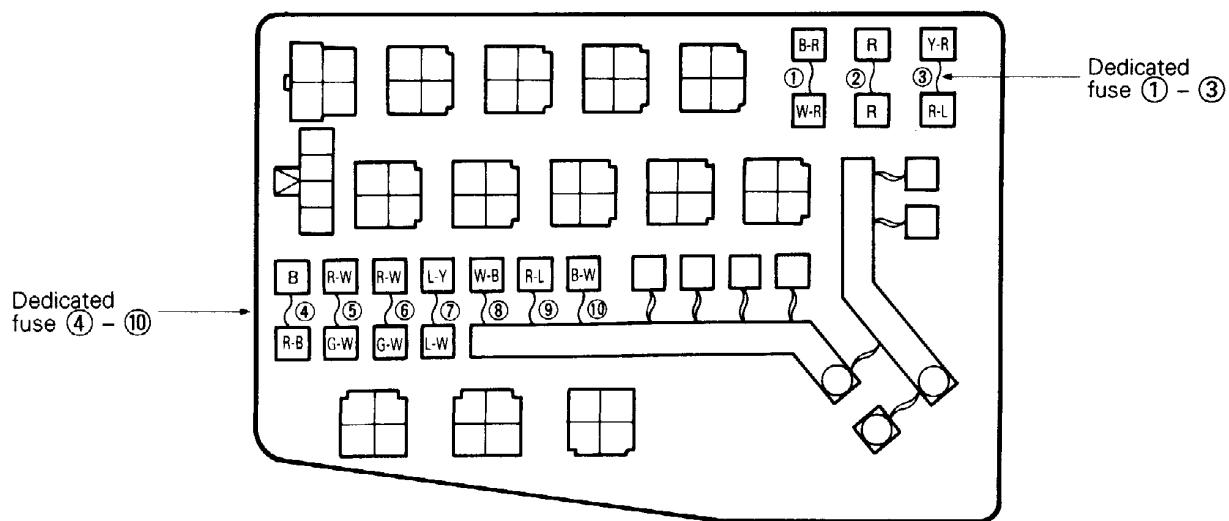


Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow BB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



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

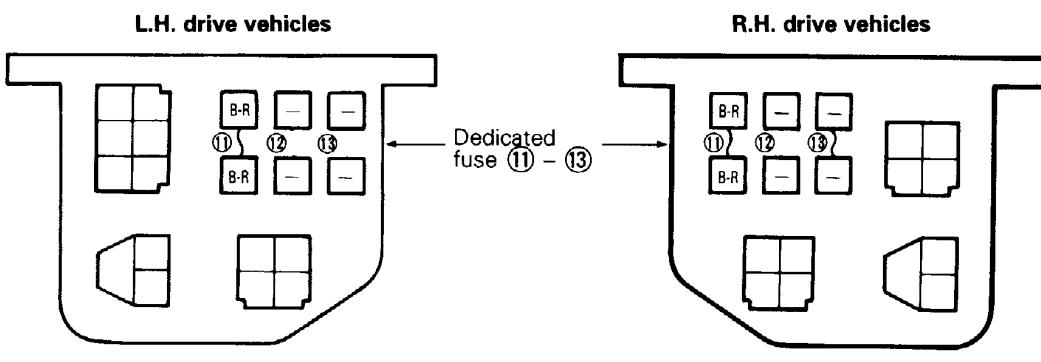
Power supply circuit	No.	Rated capacity (A)	Housing colour	Circuit
Battery	1	10	Red	A/C compressor circuit
	2	15	Blue	ACTIVE-ECS circuit
Headlamp relay (Battery)	3	10	Red	Upper beam indicator, rear fog lamp and headlamp leveling system circuit
Battery	4	15	Blue	Front fog lamp circuit
Tail lamp relay (Battery)	5	15	Blue	Tail lamp and illumination 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	—	—	—
—	13	—	—	—



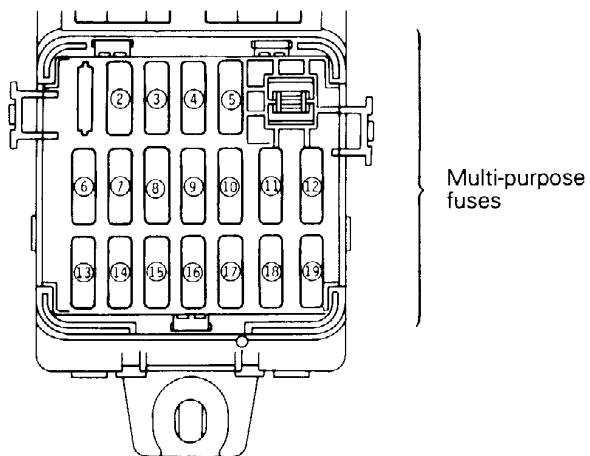
16N0761

16N0231

MULTI-PURPOSE FUSE (In junction block) <Vehicles built up to March 1991>

Power supply circuit	No.	Rated capacity (A)	Load circuit
—	1	—	—
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), dim-dip lamp relay (II), defogger relay and power seat control unit
	ACC	4	10 Auto-cruise control unit, clock, radio, motor antenna and ETACS unit <R.H.D.>
	ACC	5	15 Accessory socket, cigarette lighter and ETACS unit <L.H.D.>
Battery	6	15	Ignition key cylinder illumination lamp <L.H.D.> and motor antenna <R.H.D.>
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

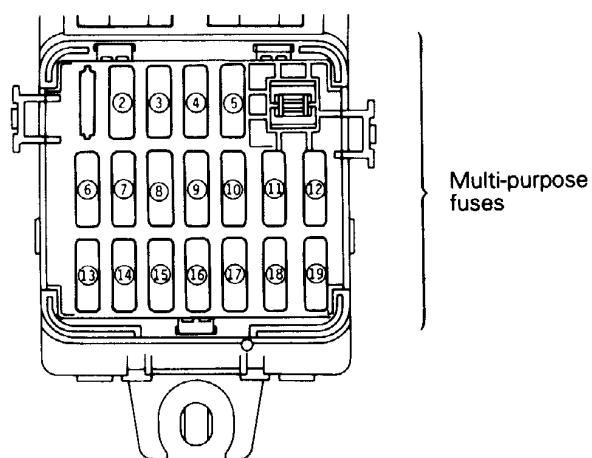
Power supply circuit		No.	Rated capacity (A)	Load circuit
Ignition switch	ACC	9	15	Daytime running lamp control unit, door control unit, rear wiper, rear washer, windshield wiper and windshield washer
	ACC	10	10	Horn
	IG1	11	10	Alternator relay, auto-cruise control unit, combination meter, engine oil level relay, ETACS unit, motor antenna, power seat control unit and sunroof control unit
	IG1	12	10	Turn and hazard flasher unit
Battery		13	20	ACTIVE-ECS control unit
		14	25	Defogger and door mirror heater
		15	20	Sunroof control unit
		16	25	Blower motor
		17	15	ACTIVE-ECS control unit and stop lamp
Ignition switch	IG1	18	10	ACTIVE-ECS control unit <M/T> and back-up lamp
Battery		19	10	A/C control unit, ACTIVE-ECS 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 <R.H.D.>, motor antenna <L.H.D.>, power seat control unit, radio, room lamp, TCL control unit and luggage compartment lamp



16A1286

MULTI-PURPOSE FUSE (In junction block) <Vehicles built from April 1991>

Power supply circuit		No.	Rated capacity (A)	Load circuit
—		1	—	—
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), dim-dip 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 <L.H.D.>
	ACC	5	15	Accessory socket, cigarette lighter
Battery		6	15	Ignition key cylinder illumination lamp <L.H.D.> and motor antenna <R.H.D.>
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	15	Daytime running lamp control unit, door control unit <R.H.D.>, rear wiper, rear washer, windshield wiper and windshield washer
	ACC	10	10	Horn
	IG1	11	10	Alternator relay, auto-cruise control unit, combination meter, engine oil level relay, ETACS unit, 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	25	Defogger and door mirror heater
		15	20	Sunroof control unit
		16	25	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-ECS 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 <R.H.D.>, motor antenna <L.H.D.>, power seat control unit, radio, room lamp, TCL control unit and luggage compartment lamp

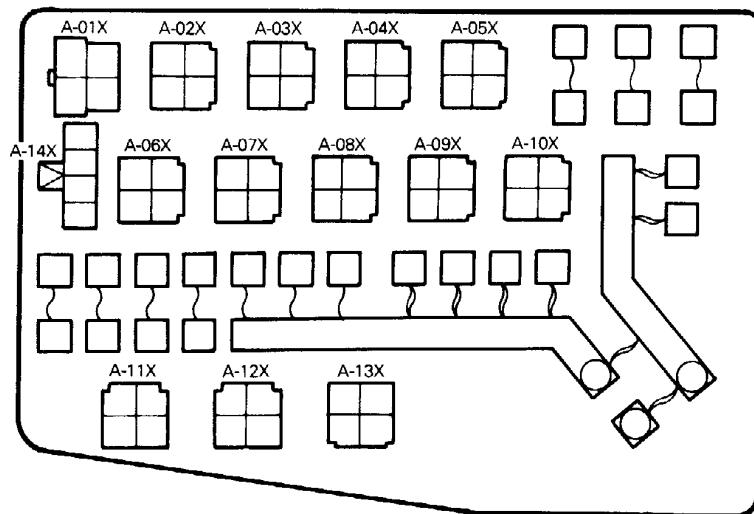


16A1286

CENTRALIZED RELAY

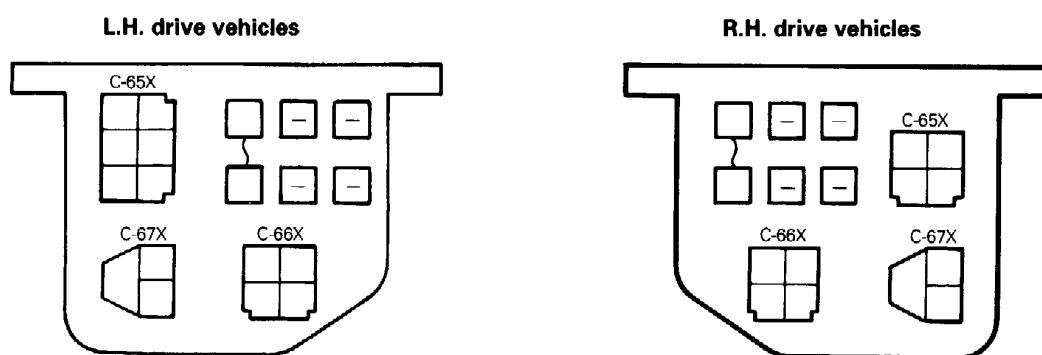
Classification	Name	Classification	Name
Relay box in engine compartment	A-01X Alternator relay	Relay box in engine compartment	A-09X Condenser fan motor relay (LO)
	A-02X Headlamp relay		A-10X Condenser fan motor relay (HI)
	A-03X Tail lamp relay		A-11X ACTIVE-ECS relay
	A-04X Front fog lamp relay		A-12X 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 Jumper connector
	A-07X Radiator fan motor relay (LO-II)		C-65X —
	A-08X Radiator fan motor relay (HI)		C-66X Horn relay
			C-67X Turn and hazard flasher unit

<Relay box in engine compartment>



16N0763

<Relay box in passenger compartment>

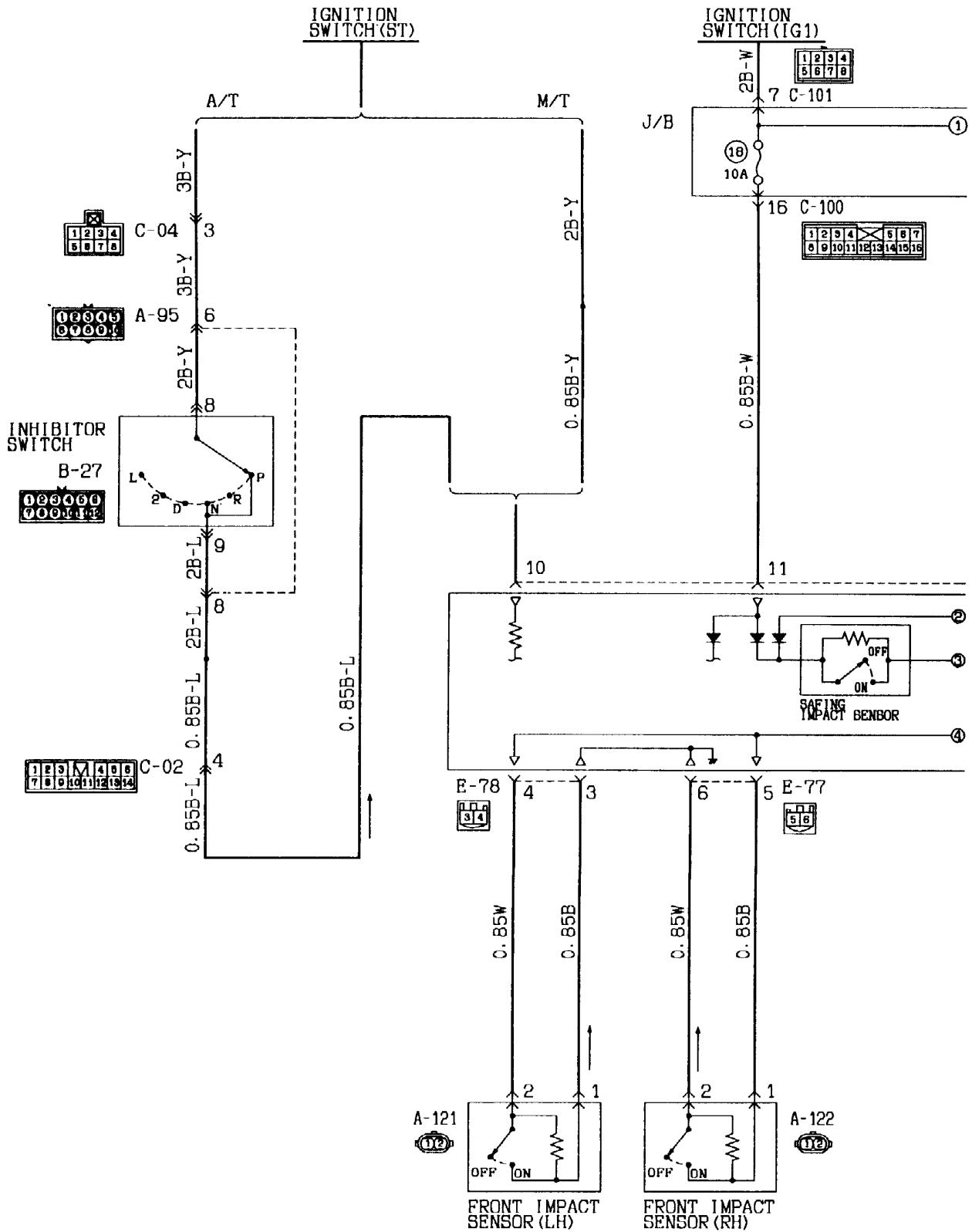


16N0761

16N0231

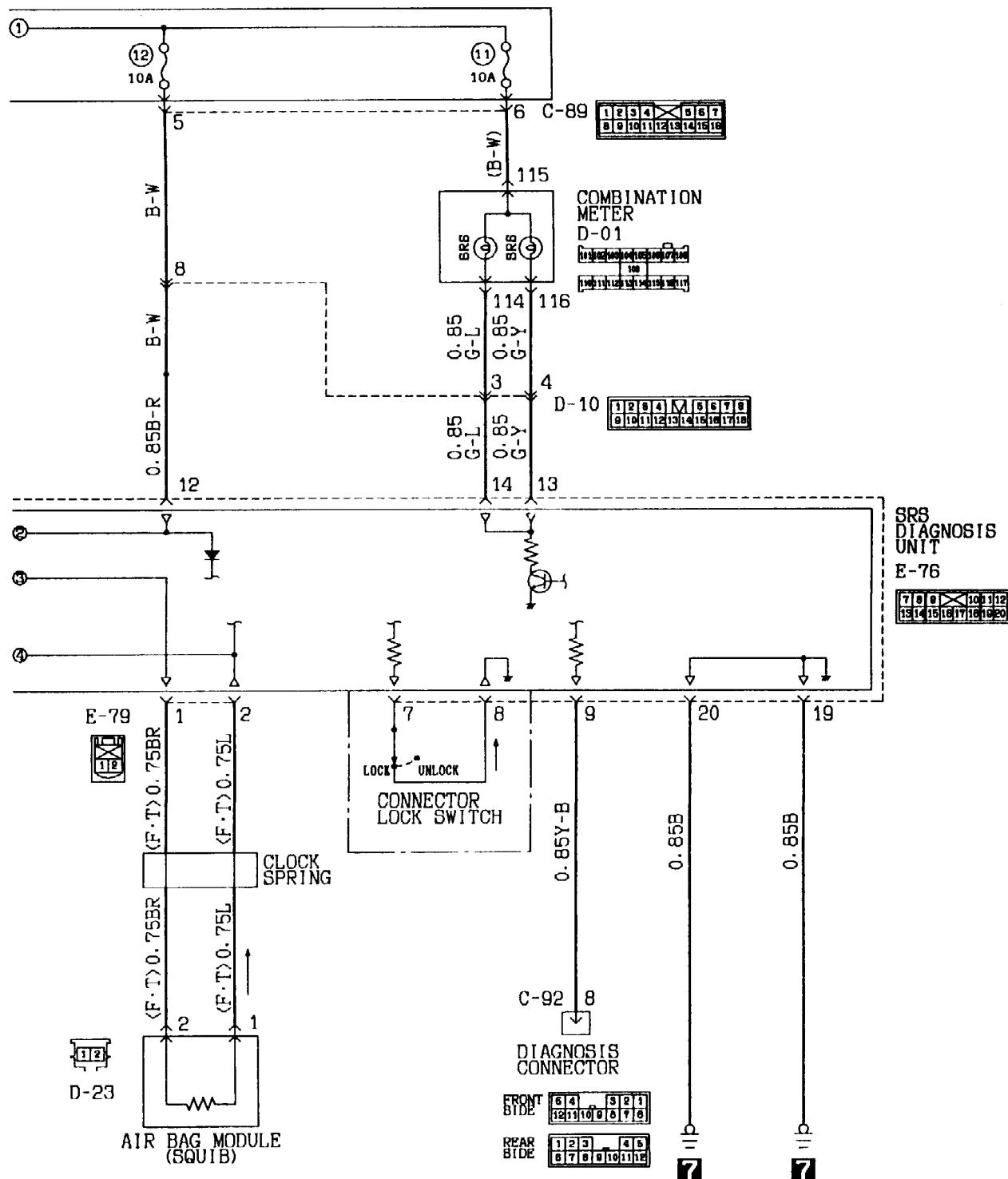
NOTES

46 SUPPLEMENTAL RESTRAINT SYSTEM (SRS) CIRCUIT



Wire colour code

KX35-AC-J1513-EC W:White C:Color Code: G:Green L:Blue W:White Y:Yellow
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

**CAUTION**

Carefully read and observe the SRS SERVICE PRECAUTIONS (Refer to GROUP 52B-SRS Service Precautions) prior to any service.