4 CIRCUIT DIAGRAM

JUNCTION BLOCK **4-4**

CENTRALIZED JUNCTION **4-6**

POWER DISTRIBUTION SYSTEM
- L.H. drive vehicles 4-12
- R.H. drive vehicles 4-18

STARTING SYSTEM
- L.H. drive vehicles with theft-alarm system−M/T
  <Vehicles without front passenger air bag> 4-24
  <Vehicles with front passenger air bag> 4-24-1
- L.H. drive vehicles with theft-alarm system−A/T
  <Vehicles without front passenger air bag> 4-24-2
  <Vehicles with front passenger air bag> 4-25
- L.H. drive vehicles without theft-alarm system
  <Vehicles without front passenger air bag> 4-26
  <Vehicles with front passenger air bag> 4-26-1
- R.H. drive vehicles with theft-alarm system
  <M/T> 4-27
  <A/T> 4-28
- R.H. drive vehicles without theft-alarm system 4-29

IGNITION SYSTEM
- SOHC <L.H. drive vehicles> 4-31
- SOHC <R.H. drive vehicles> 4-32
- DOHC 4-33

CHARGING SYSTEM
- SOHC 4-34
- DOHC 4-35

MPI-SOHC SYSTEM
- M/T <L.H. drive vehicles> 4-38
- M/T <R.H. drive vehicles> 4-44
- A/T <L.H. drive vehicles> 4-50
- A/T <R.H. drive vehicles> 4-56

MPI-DOHC SYSTEM
- M/T <L.H. drive vehicles with TCL> 4-62
- M/T <L.H. drive vehicles without TCL> 4-69
- M/T <R.H. drive vehicles with TCL> 4-76
- M/T <R.H. drive vehicles without TCL> 4-83
- A/T <L.H. drive vehicles with TCL> 4-90
- A/T <L.H. drive vehicles without TCL> 4-98
- A/T <R.H. drive vehicles with TCL> 4-105
- A/T <R.H. drive vehicles without TCL> 4-113

COOLING SYSTEM **4-120**

ELC 4-SPEED AUTOMATIC TRANSMISSION
- L.H. drive vehicles 4-124
- R.H. drive vehicles 4-130

HEADLAMP
- Vehicles with daytime running lamp
  <Vehicles built up to April, 1994> 4-136
  <Vehicles built from May, 1994> 4-138-2
- Vehicles without daytime running lamp
  <Vehicles built up to April, 1994> 4-140
  <Vehicles built from May, 1994> 4-141-1
- Vehicles with dim-dip lamp
  <Vehicles built up to January, 1993> 4-142
  <Vehicles built from February, 1993 up to April, 1994> 4-143-1
  <Vehicles built from May, 1994> 4-143-3

HEADLAMP LEVELING SYSTEM **4-146**

TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER
- L.H. drive vehicles
  <Vehicles built up to April, 1994> 4-148
  <Vehicles built from May, 1994> 4-150-2
- R.H. drive vehicles
  <Vehicles built up to April, 1994> 4-152
  <Vehicles built from May, 1994> 4-154-2

FRONT FOG LAMP
- L.H. drive vehicles 4-156
- R.H. drive vehicles 4-158

REAR FOG LAMP
- L.H. drive vehicles 4-160
- R.H. drive vehicles 4-164

ROOM LAMP, MAP LAMP, FOOT LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP
- L.H. drive vehicles 4-168
- R.H. drive vehicles 4-170

VANITY MIRROR LAMP
<Vehicles built from May, 1994> 4-171-1

TRUNK ROOM LAMP AND GLOVE BOX LAMP
- L.H. drive vehicles 4-172
- R.H. drive vehicles 4-173

DOOR LAMP
- L.H. drive vehicles with ECS 4-175
- L.H. drive vehicles without ECS 4-176
- R.H. drive vehicles 4-177

HEATER AND AIR CONDITIONER CONTROL PANEL LAMP
- L.H. drive vehicles 4-178
- R.H. drive vehicles 4-179

TURN-SIGNAL LAMP AND HAZARD LAMP
- L.H. drive vehicles 4-180
- R.H. drive vehicles 4-182

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STOP LAMP
- L.H. drive vehicles 4-185
- R.H. drive vehicles 4-186

BACK-UP LAMP
- L.H. drive vehicles 4-187
- R.H. drive vehicles 4-188

HORN 4-189

METER AND GAUGE
- L.H. drive vehicles 4-190
- R.H. drive vehicles 4-192

LOW FUEL WARNING LAMP 4-195

BRAKE WARNING LAMP 4-195

OIL PRESSURE WARNING LAMP 4-196

LOW ENGINE OIL WARNING LAMP 4-196

4WS FLUID LEVEL WARNING LAMP
- L.H. drive vehicles 4-197
- R.H. drive vehicles 4-198

POWER WINDOW
- L.H. drive vehicles 4-200
- R.H. drive vehicles 4-206

CENTRAL DOOR LOCKING SYSTEM
- L.H. drive vehicles with theft-alarm system 4-212
- L.H. drive vehicles without theft-alarm system 4-216
- R.H. drive vehicles with theft-alarm system 4-219
- R.H. drive vehicles without theft-alarm system 4-223

HEATER AND AIR CONDITIONER
- SOHC <L.H. drive vehicles> 4-226
- SOHC <R.H. drive vehicles> 4-233
- DOHC <L.H. drive vehicles> 4-240
- DOHC <R.H. drive vehicles> 4-247

WINDSHIELD WIPER AND WASHER
- L.H. drive vehicles with theft-alarm system 4-254
- L.H. drive vehicles without theft-alarm system 4-256
- R.H. drive vehicles with theft-alarm system 4-258
- R.H. drive vehicles without theft-alarm system 4-260

REAR WIPER AND WASHER
- L.H. drive vehicles 4-262
- R.H. drive vehicles 4-264

HEADLAMP WASHER
- L.H. drive vehicles 4-267
- R.H. drive vehicles 4-268

DEFOGGER AND DOOR MIRROR HEATER
- L.H. drive vehicles 4-270
- R.H. drive vehicles 4-273

REMOTE CONTROLLED MIRROR
- L.H. drive vehicles 4-276
- R.H. drive vehicles 4-278

RADIO AND TAPE PLAYER
- L.H. drive vehicles 4-280
- R.H. drive vehicles 4-282

CLOCK
- L.H. drive vehicles 4-284
- R.H. drive vehicles 4-285

CIGARETTE LIGHTER
- L.H. drive vehicles 4-286
- R.H. drive vehicles 4-287

ACCESSORY SOCKET 4-288

SUNROOF 4-290

HEATED SEAT 4-292

POWER SEAT 4-294

ELECTRONIC CONTROL POWER STEERING (EPS) 4-302

AUTO-CRUISE CONTROL SYSTEM
- L.H. drive vehicles 4-304
- R.H. drive vehicles 4-310

ANTI-LOCK BRAKE SYSTEM (ABS)
- L.H. drive vehicles 4-316
- R.H. drive vehicles 4-320

ACTIVE-ELECTRONIC CONTROL SUSPENSION SYSTEM (ACTIVE-ECS)
- L.H. drive vehicles 4-324
- R.H. drive vehicles 4-332

TRACTION CONTROL SYSTEM (TCL)
- M/T <L.H. drive vehicles> 4-341
- M/T <R.H. drive vehicles> 4-347
- A/T <L.H. drive vehicles> 4-354
- A/T <R.H. drive vehicles> 4-362

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
- L.H. drive vehicles
  <Vehicles without front passenger air bag> 4-370
  <Vehicles with front passenger air bag> 4-371-1
- R.H. drive vehicles 4-372

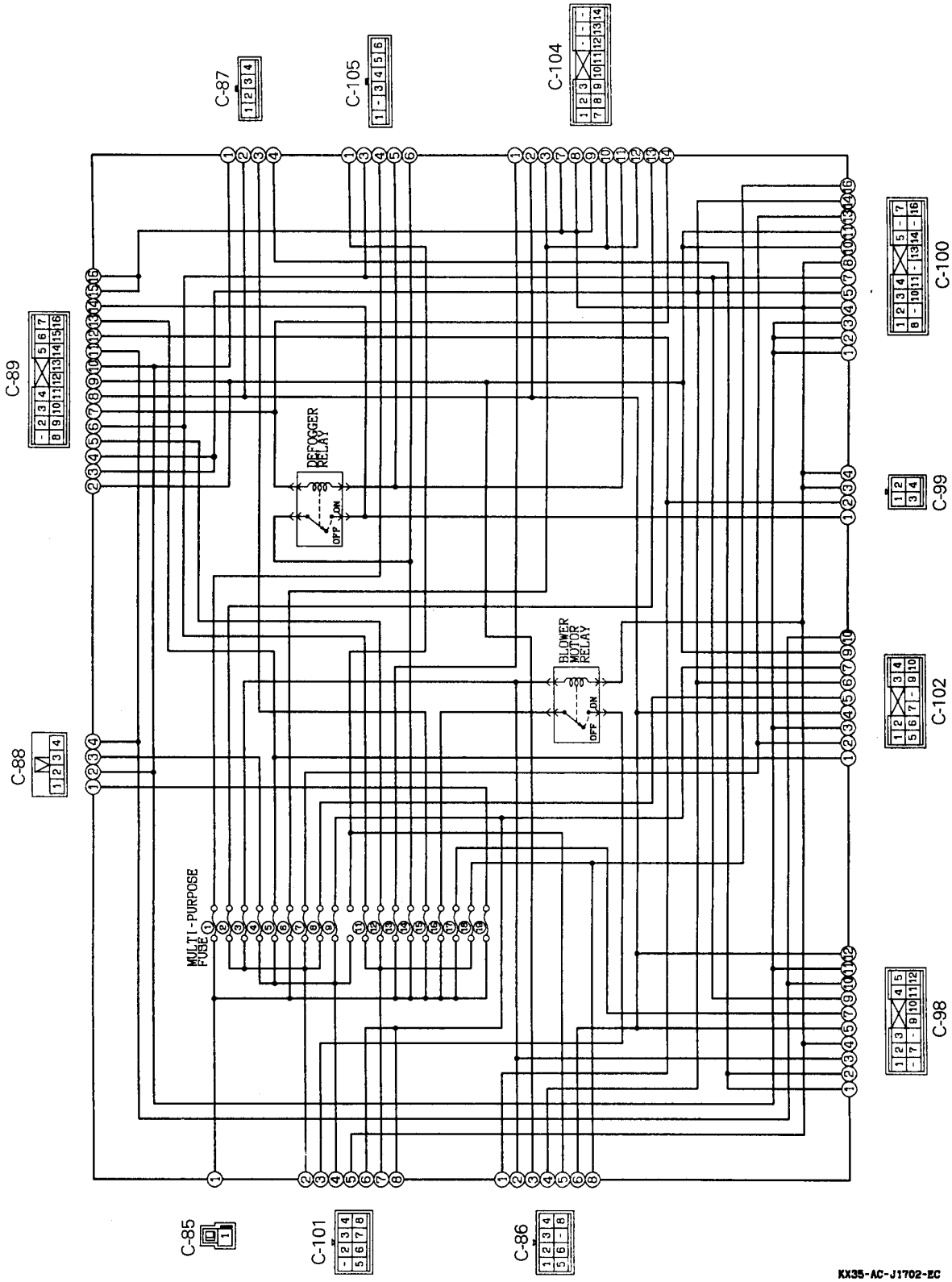
THEFT-ALARM SYSTEM
- L.H. drive vehicles 4-374
- R.H. drive vehicles 4-380

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NOTES

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JUNCTION BLOCK

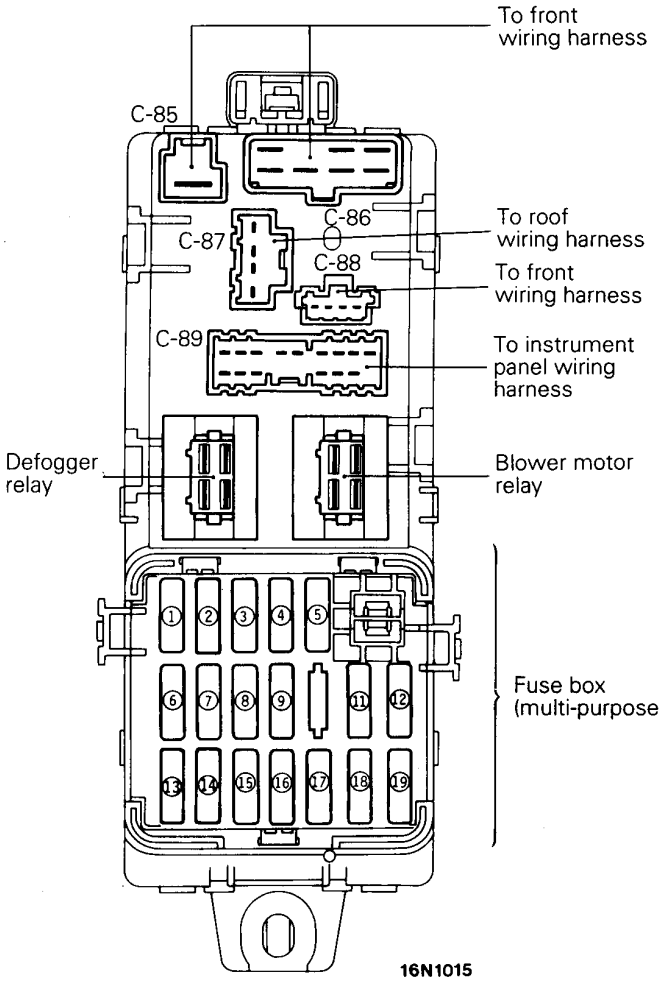


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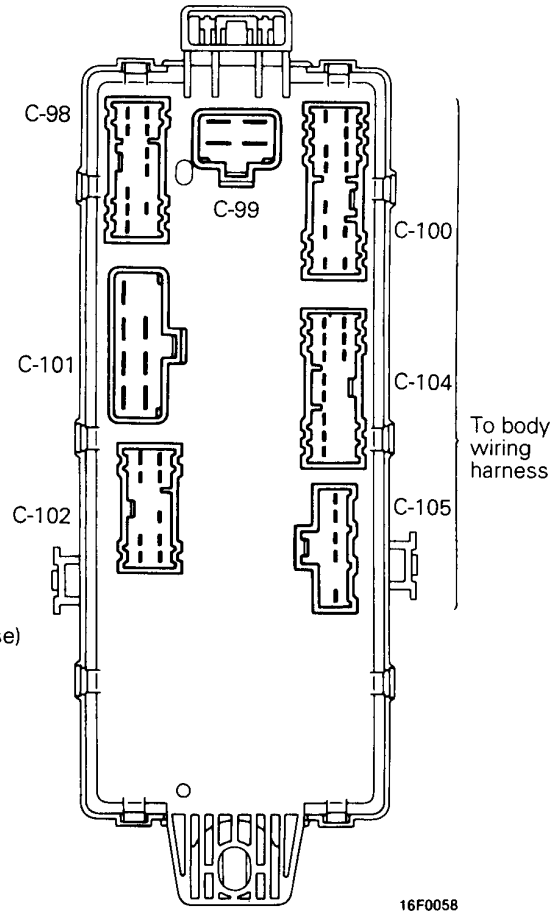
- Connector numbers are keyed to the configuration diagram (dashboard panel) and each circuit diagram.

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Front



Back

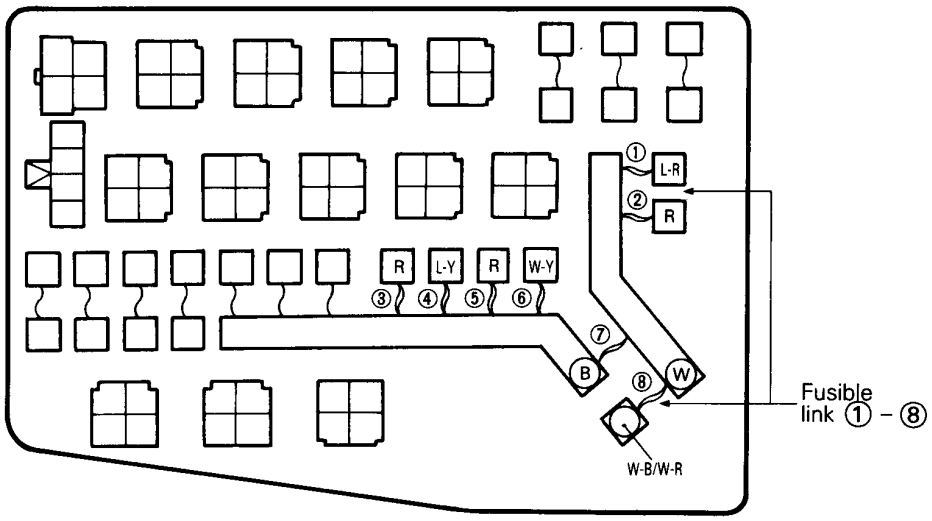


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CENTRALIZED JUNCTION

FUSIBLE LINK (Relay box in engine compartment)

No.	Circuit	Housing colour	Rated capacity (A)
1	Power window and power seat circuit	Pink	30
2	ACTIVE-ECS circuit	Red	50
3	Ignition switch and theft-alarm horn circuit	Pink	30
4	Radiator fan and condenser fan circuit	Green	40
5	Headlamp, tail lamp, fog lamp and alternator circuit	Green	40
6	ABS circuit	Yellow	60
7	Fusible link No. ①, ②, ⑧ and alternator circuit	Blue	100
8	Multi-purpose fuse No. ①, ⑥, ⑬, ⑭, ⑮, ⑯, ⑰, ⑲ and A/C compressor circuit	Yellow	60

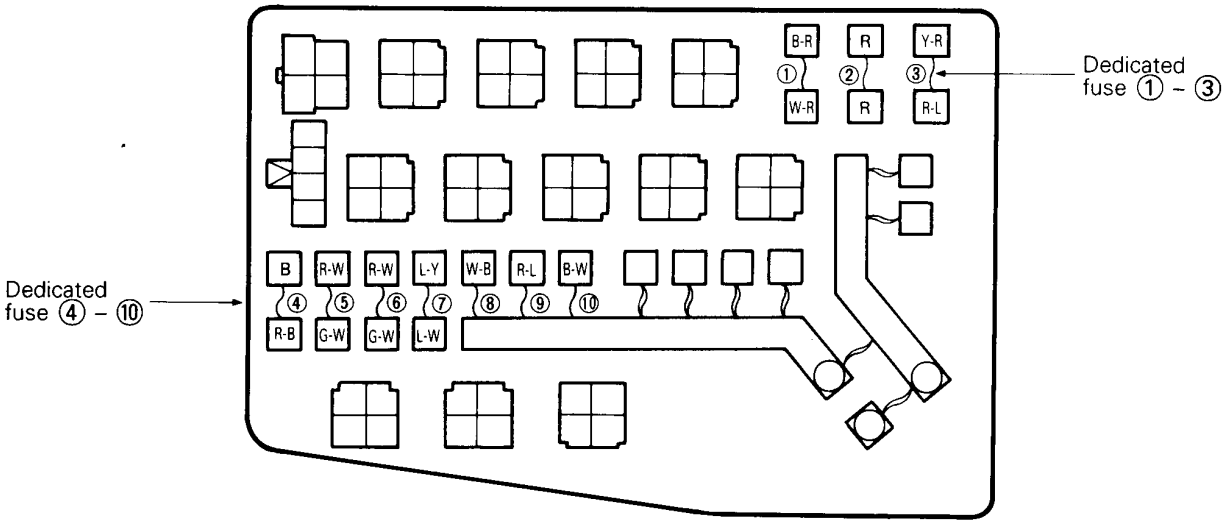


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DEDICATED FUSE ①—⑩ (Relay box in engine compartment)

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



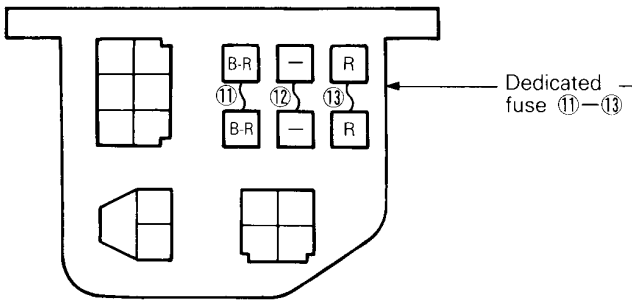
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DEDICATED FUSE ⑪—⑬ (Relay box in passenger compartment)

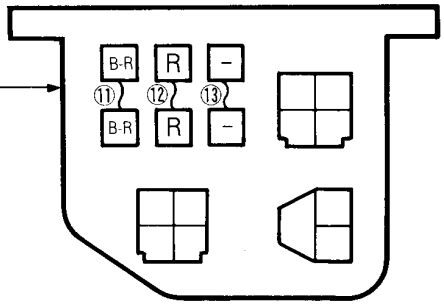
Power supply circuit	No.	Rated capacity (A)	Housing Colour	Circuit
Defogger relay (Battery)	11	10	Red	Door mirror heater circuit
Battery	12	15	Blue	Theft-alarm horn circuit 〈RHD〉
Battery	13	15	Blue	Theft-alarm horn circuit 〈LHD〉

〈L.H. drive vehicles〉



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〈R.H. drive vehicles〉



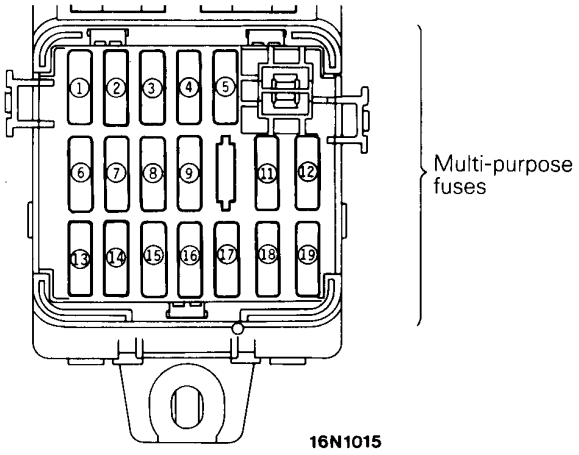
16N0231

MULTI-PURPOSE FUSE (In junction block)

Power supply circuit		No.	Rated capacity (A)	Load circuit
Battery		1	10	Horn
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 unit, blower motor relay, blower motor high relay, DRL control unit, DRL relay (I), dim-dip lamp relay (I), defogger relay and power seat control unit
	ACC	4	10	Auto-cruise control unit, clock, radio with tape player, motor antenna, ETACS unit and door control unit 〈LHD〉
	ACC	5	15	Accessory socket and cigarette lighter
Battery		6	15	Ignition key cylinder illumination lamp 〈LHD〉, power seat control unit 〈LHD〉 and motor antenna 〈RHD〉
Ignition switch	IG2	7	10	ACTIVE-ECS control unit 〈A/T〉, auto-cruise control unit, combination meter, ELC-4A/T control unit, power seat control unit and TCL control unit
	IG2	8	10	Heated seat
	ACC	9	20	Rear wiper, rear washer, windshield wiper, windshield washer and door control unit 〈RHD〉
	ACC	10	—	—

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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, door mirror heater and engine control unit <DOHC>
		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, SRS diagnosis unit and TCL control 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, map lamp, radio with tape player, room lamp, starter relay, TCL control unit, trunk room lamp, motor antenna <LHD>, ignition key cylinder illumination lamp <RHD> and power seat control unit <RHD>

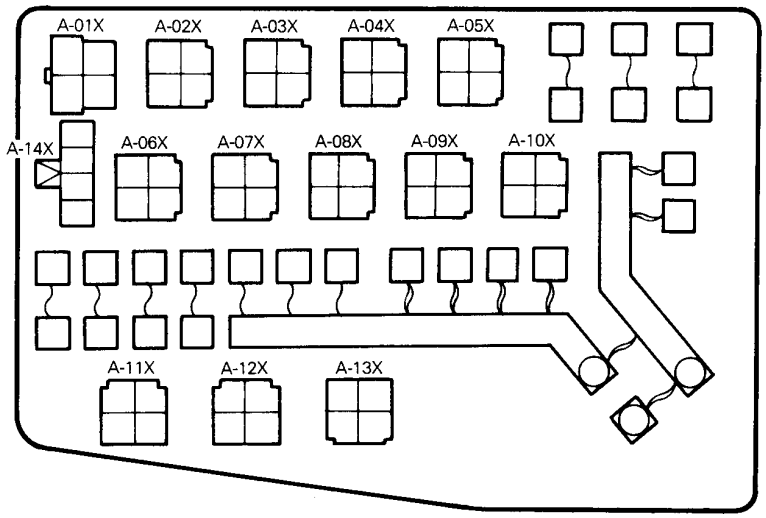


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CENTRALIZED RELAY

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

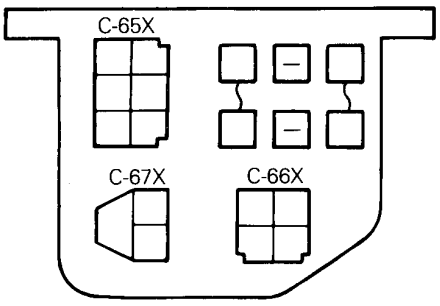
〈Relay box in engine compartment〉



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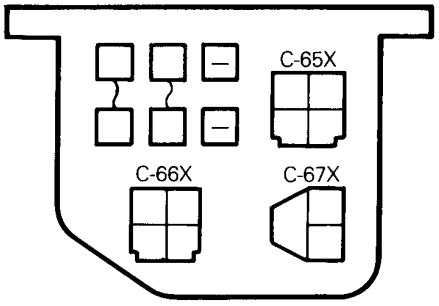
〈Relay box in passenger compartment〉

〈L.H. drive vehicles〉



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〈R.H. drive vehicles〉



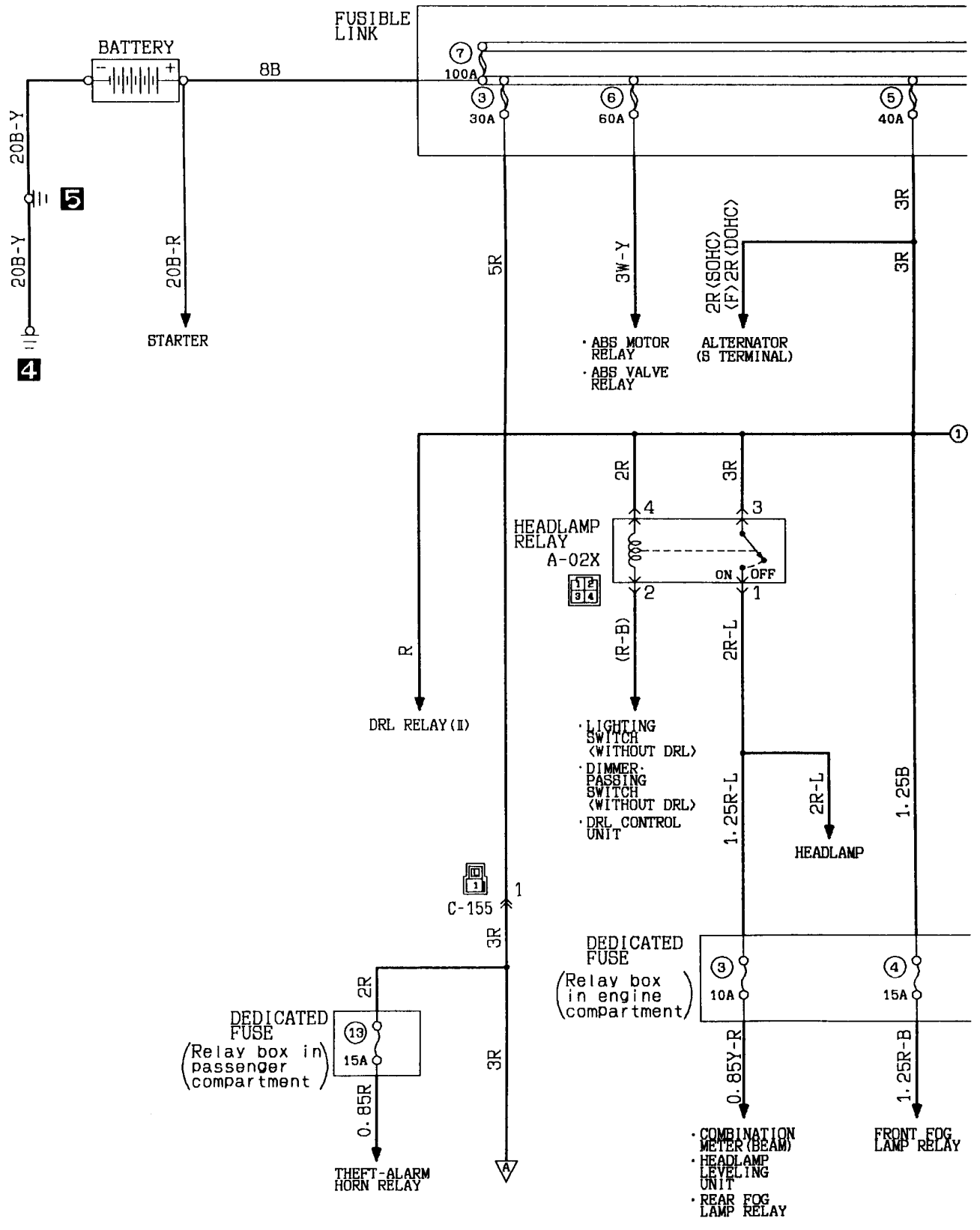
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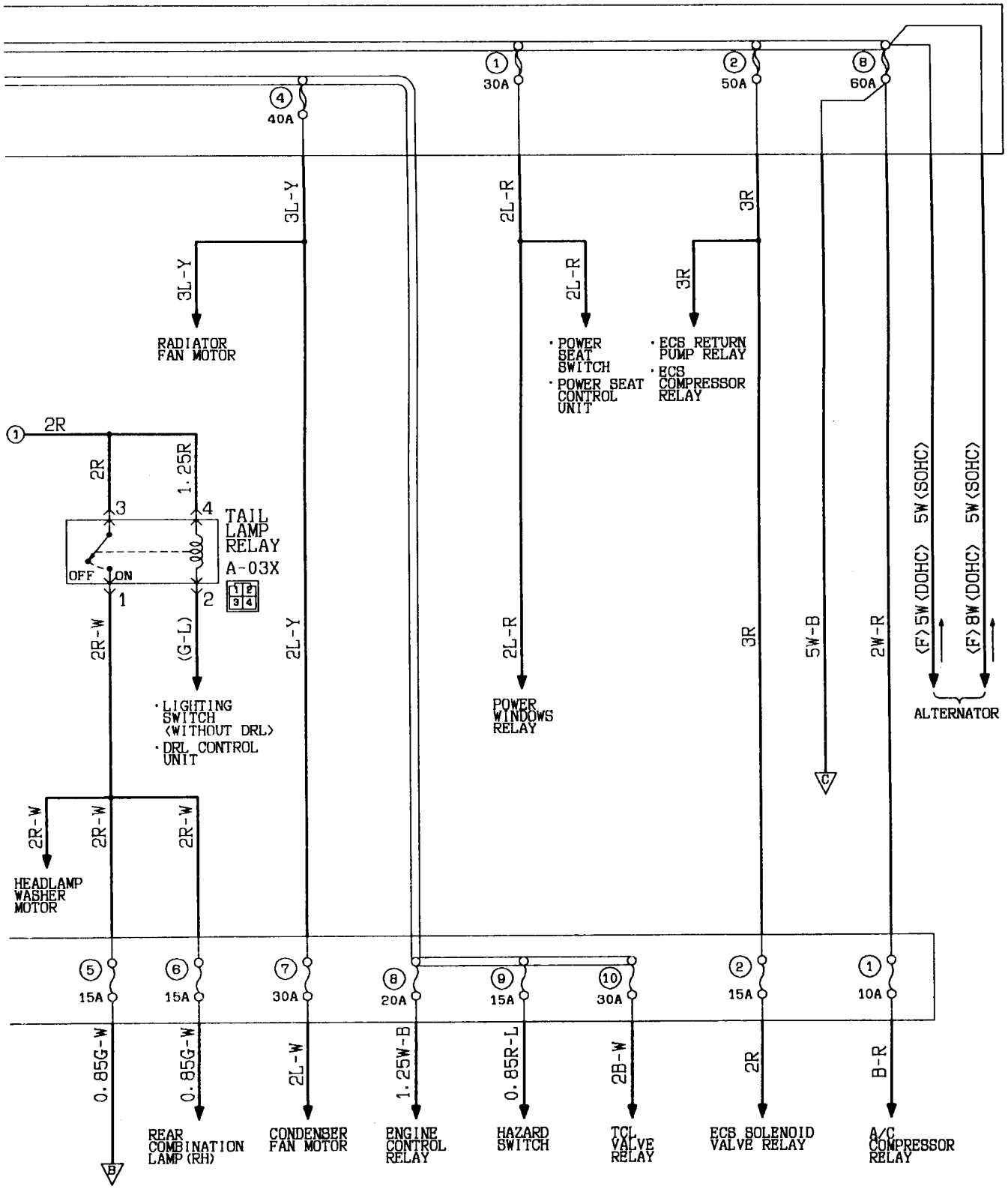
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POWER DISTRIBUTION SYSTEM
L.H. drive vehicles



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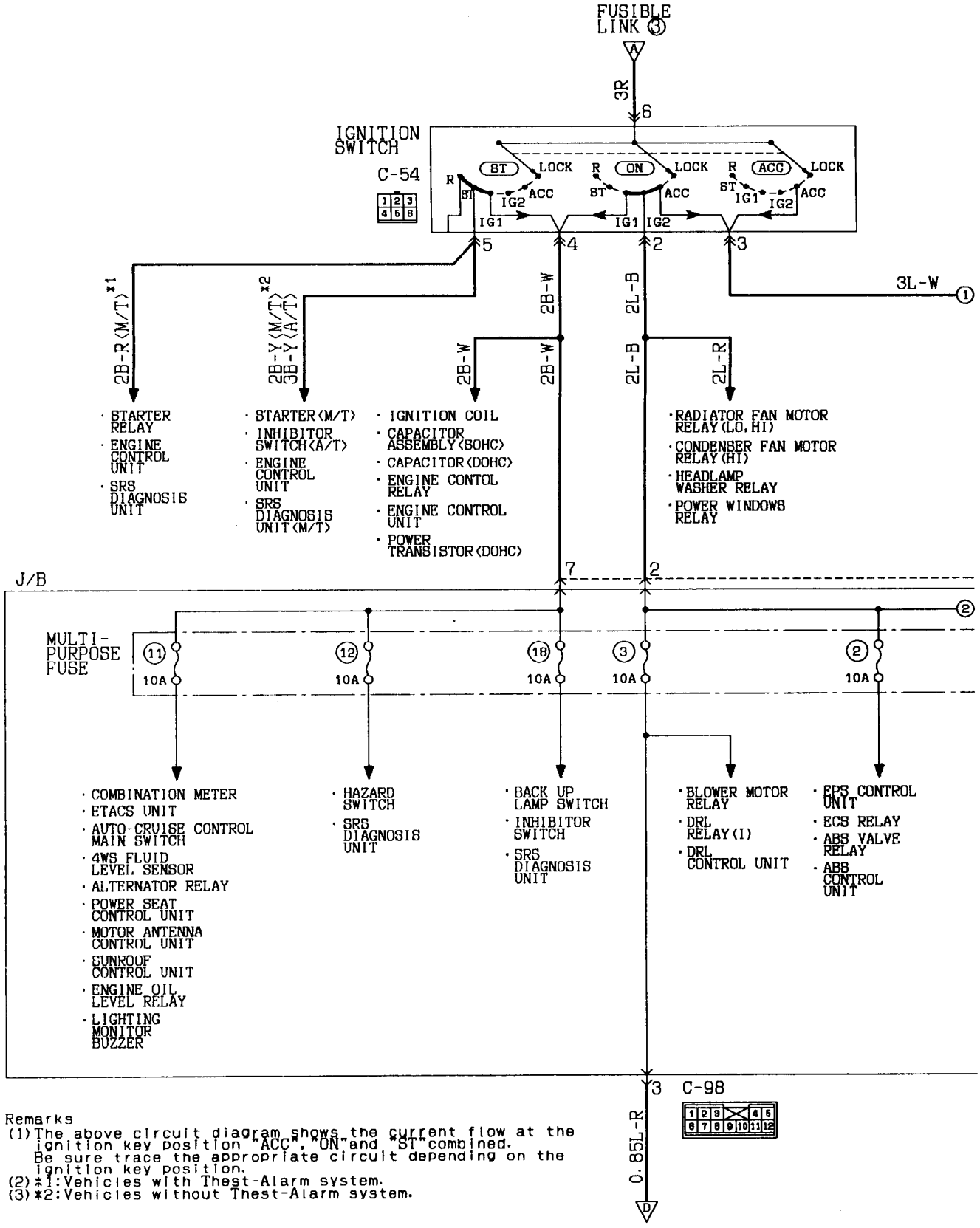
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Wire colour code

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

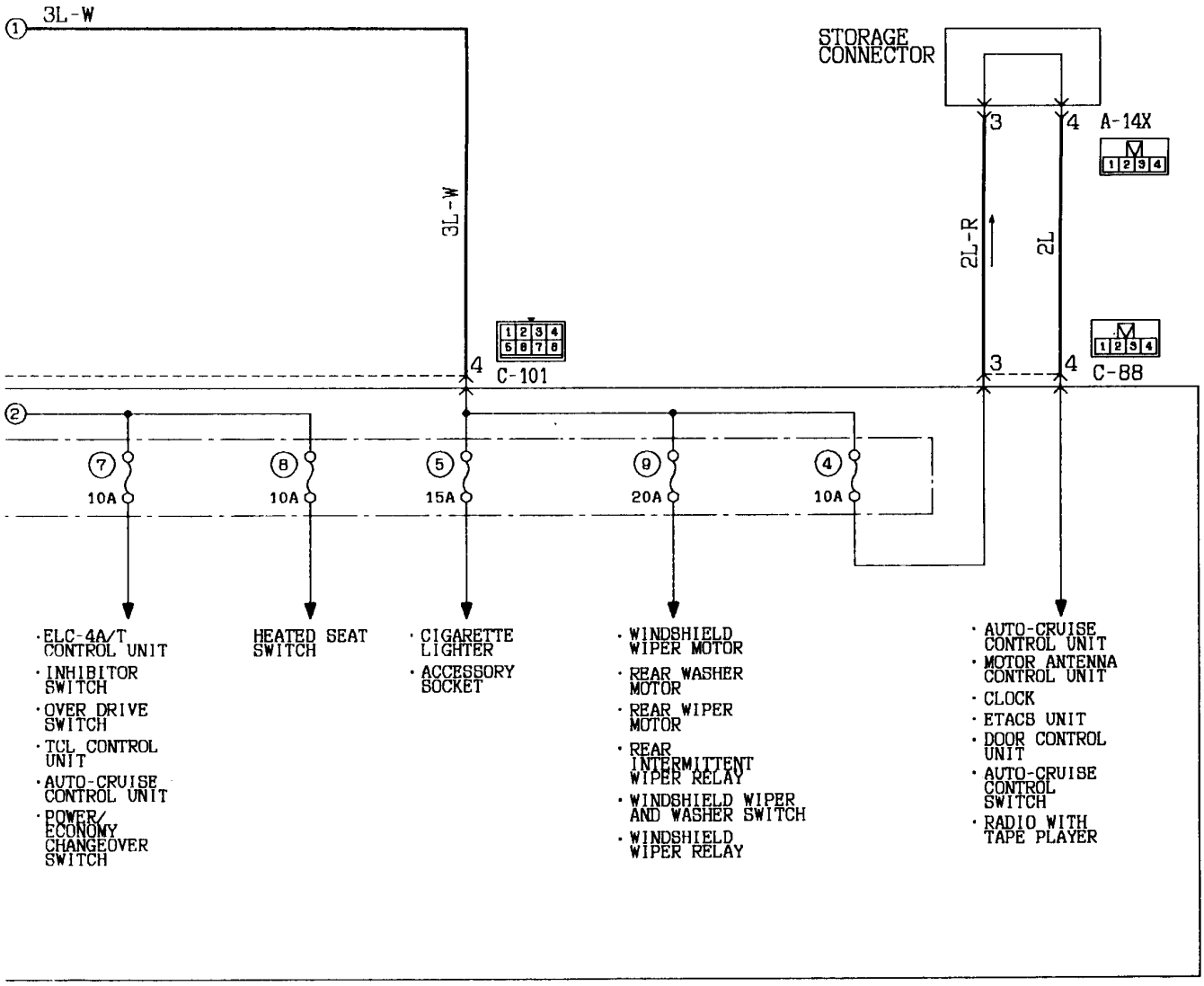
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Remarks
(1) The above circuit diagram shows the current flow at the ignition key position "ACC", "ON" and "ST" combined. Be sure trace the appropriate circuit depending on the ignition key position.
(2) *1: Vehicles with Theft-Alarm system.
(3) *2: Vehicles without Theft-Alarm system.

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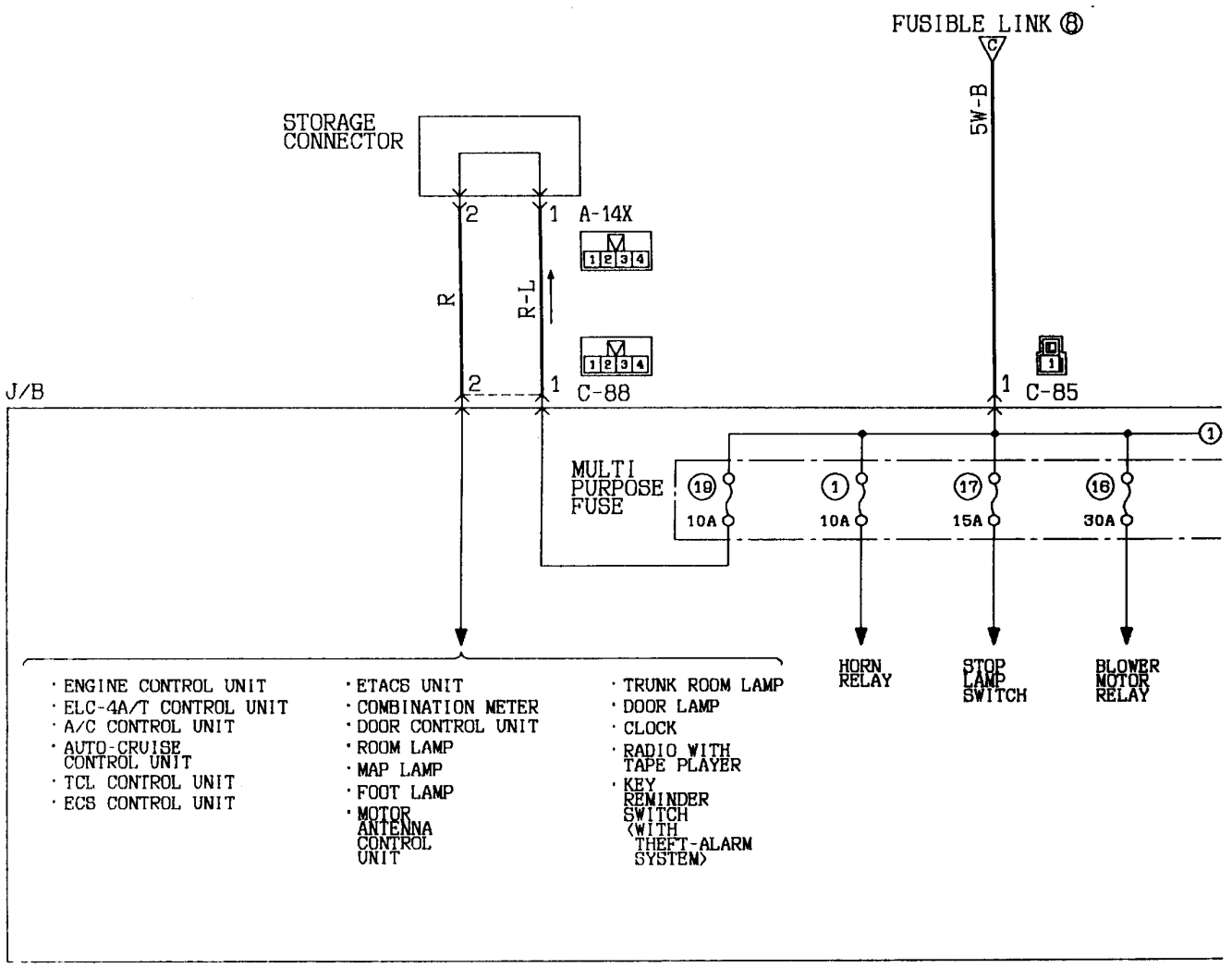
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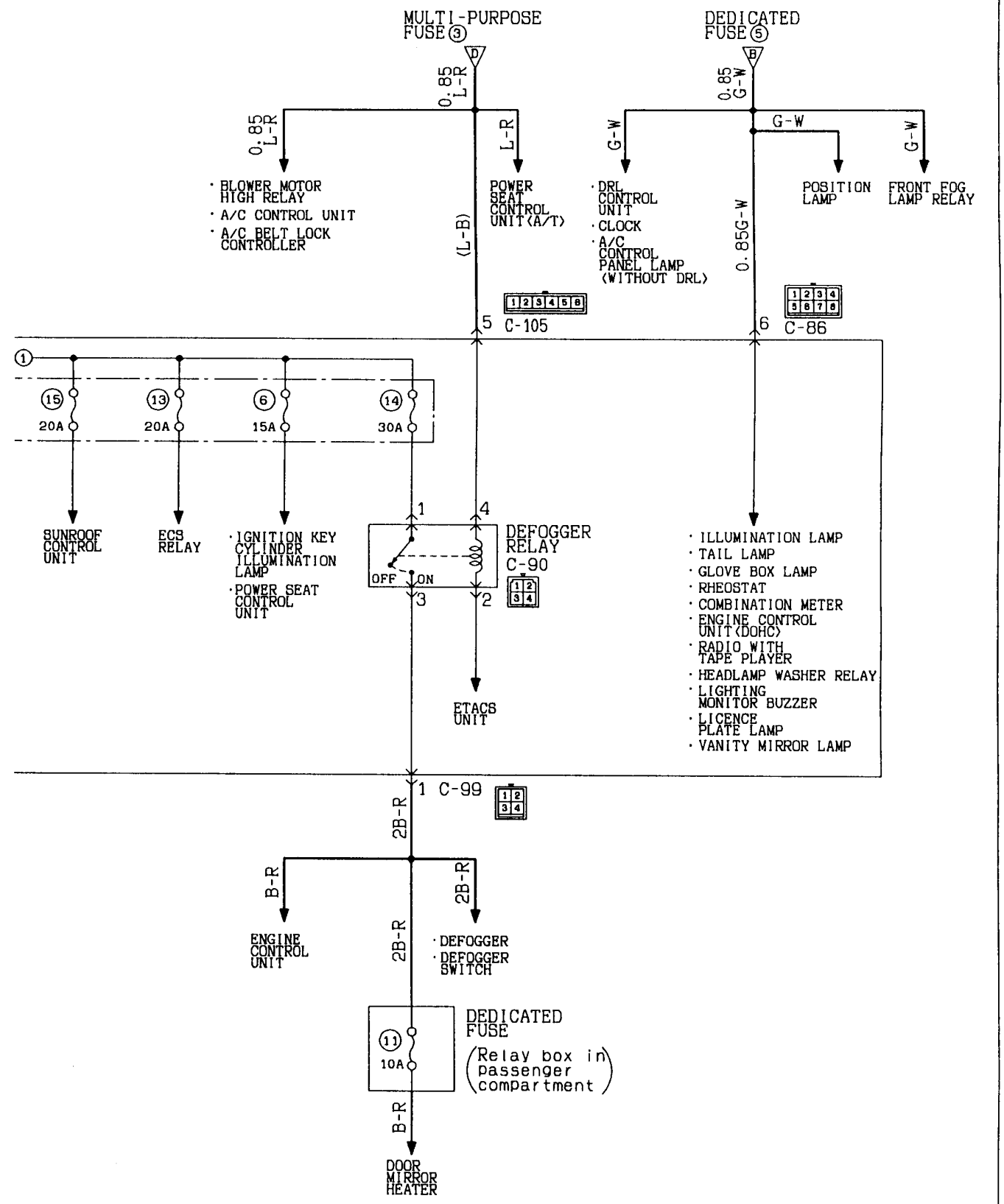
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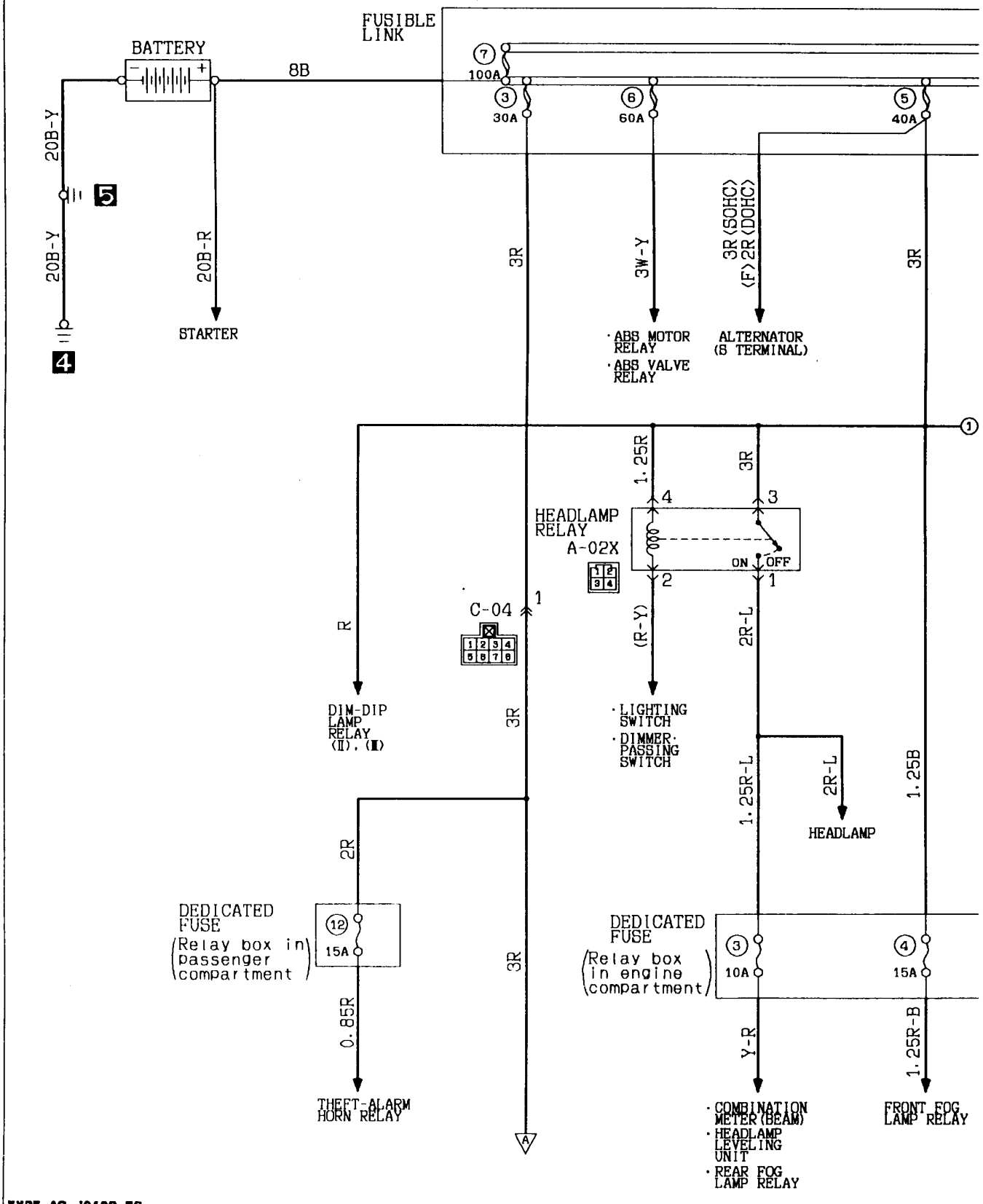
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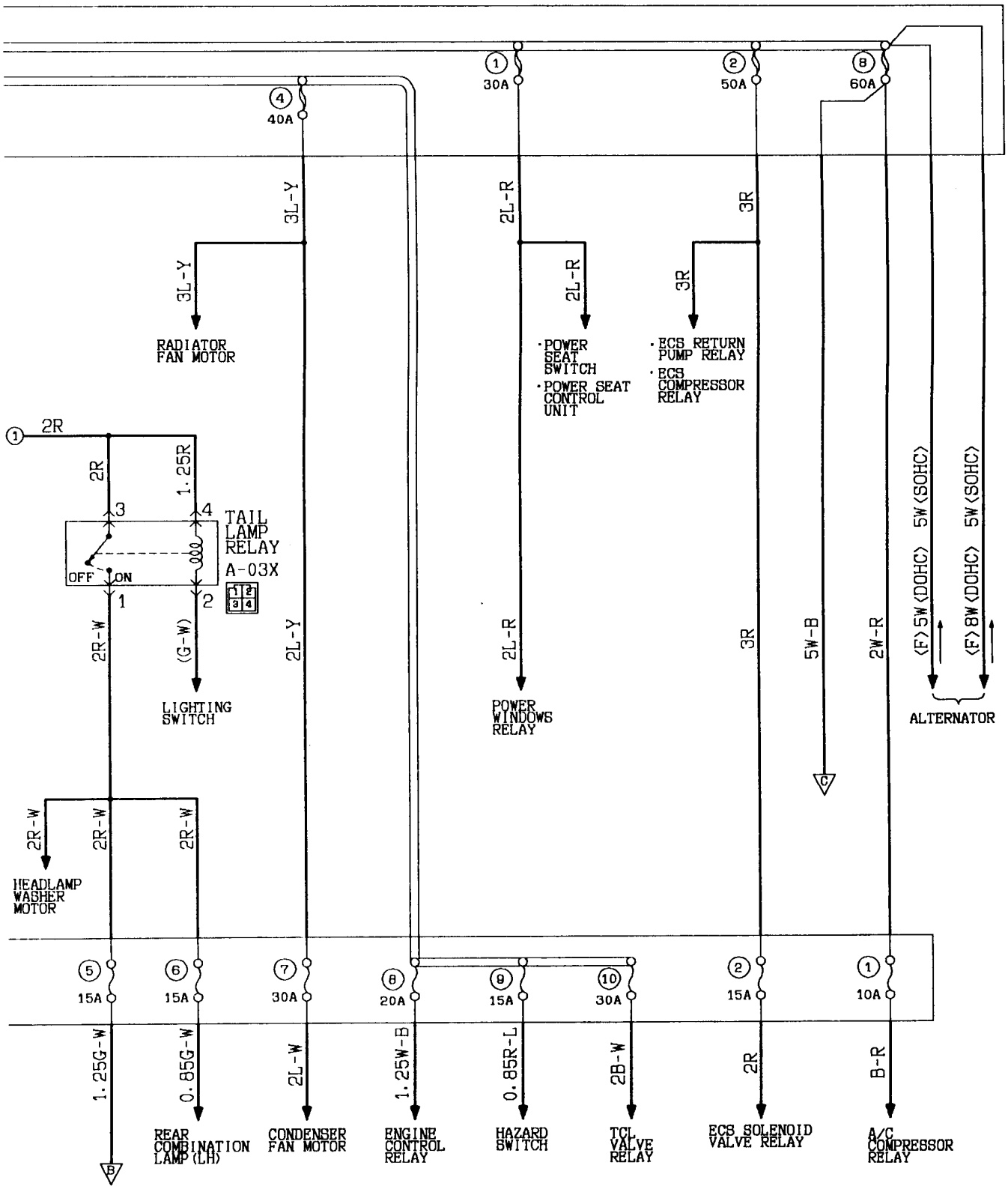
POWER DISTRIBUTION SYSTEM

R.H. drive vehicles



KX35-AC-J0108-EC

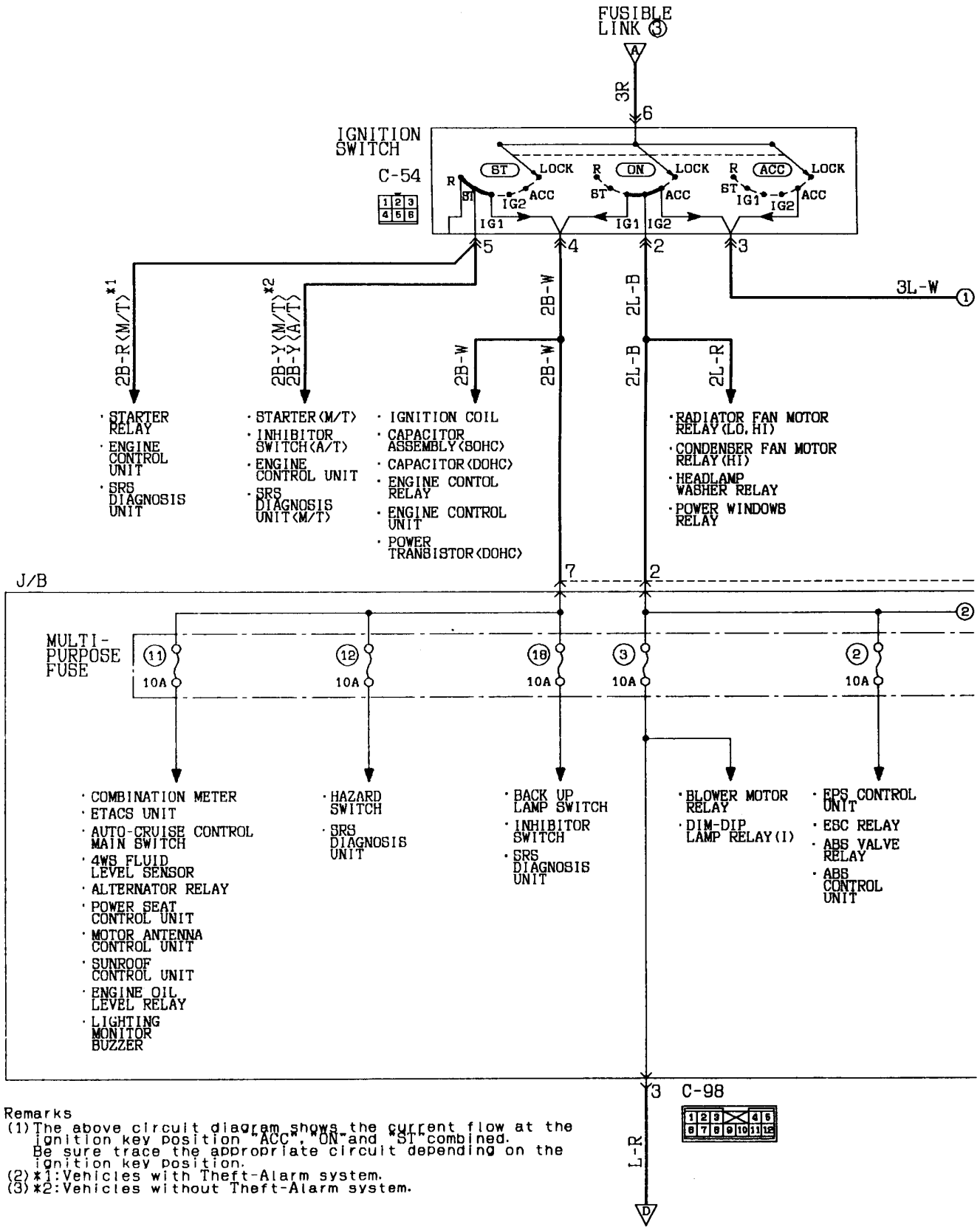
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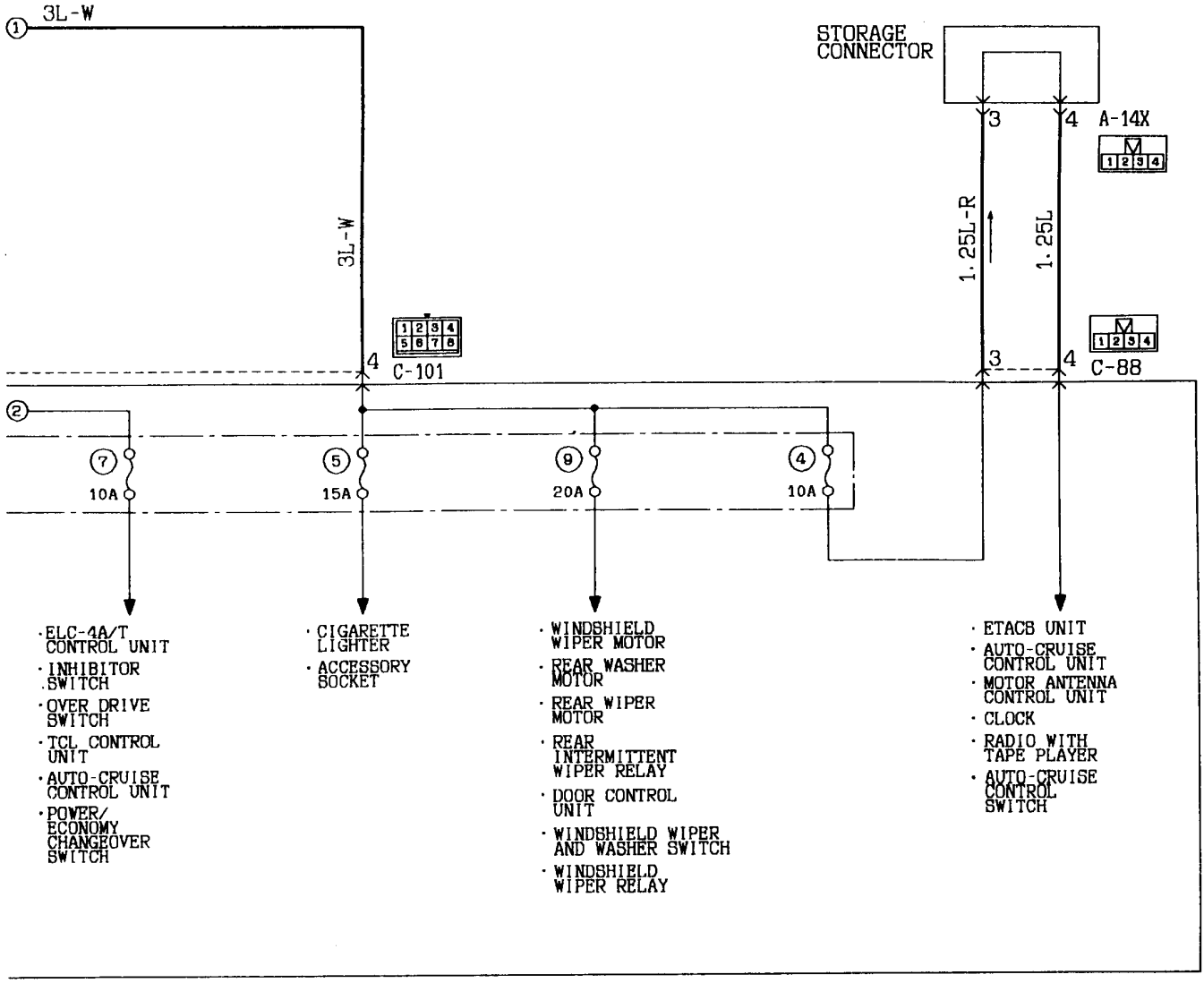
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Remarks
(1) The above circuit diagram shows the current flow at the ignition key position "ACC", "ON" and "ST" combined. Be sure trace the appropriate circuit depending on the ignition key position.
(2) *1: Vehicles with Theft-Alarm system.
(3) *2: Vehicles without Theft-Alarm system.

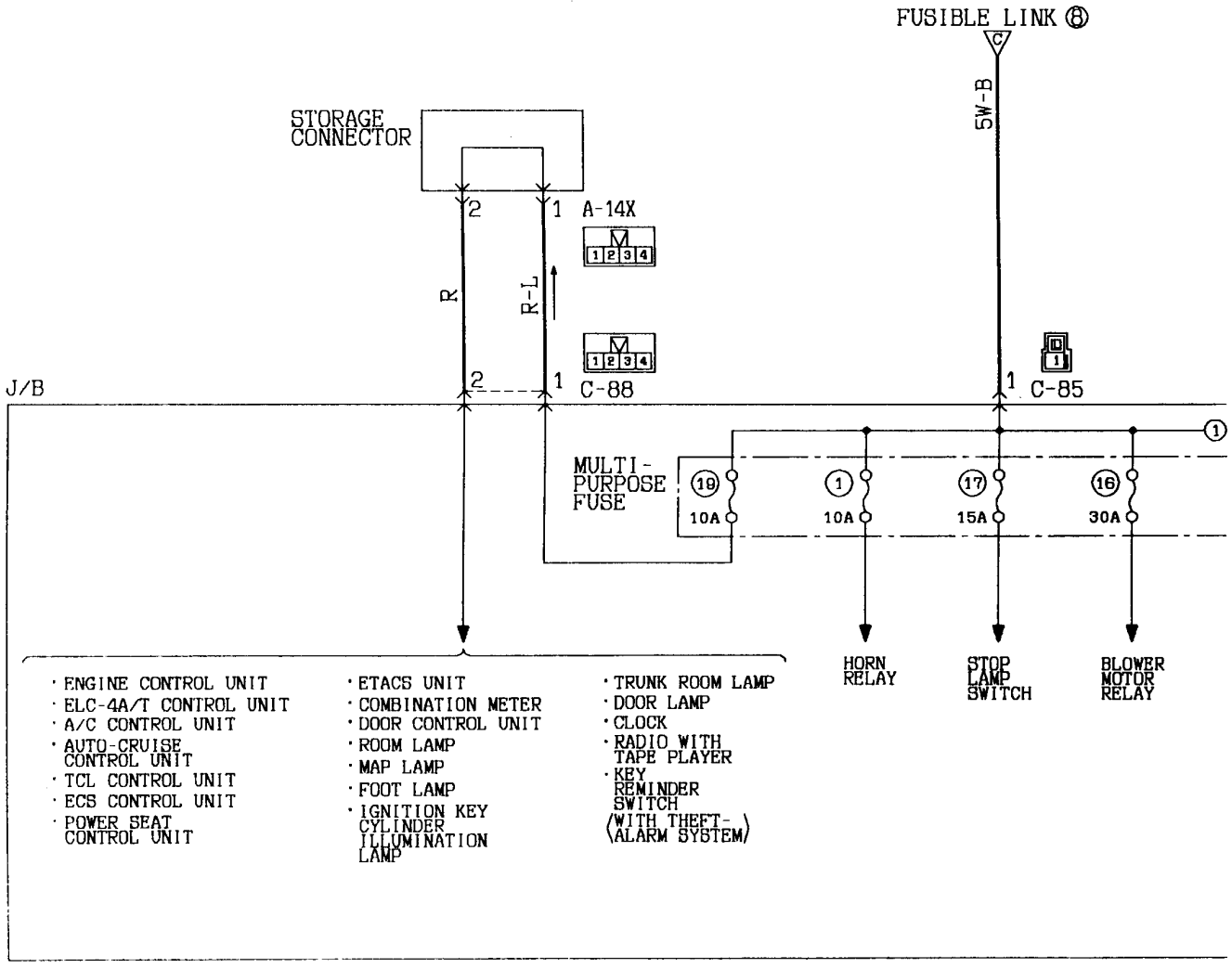
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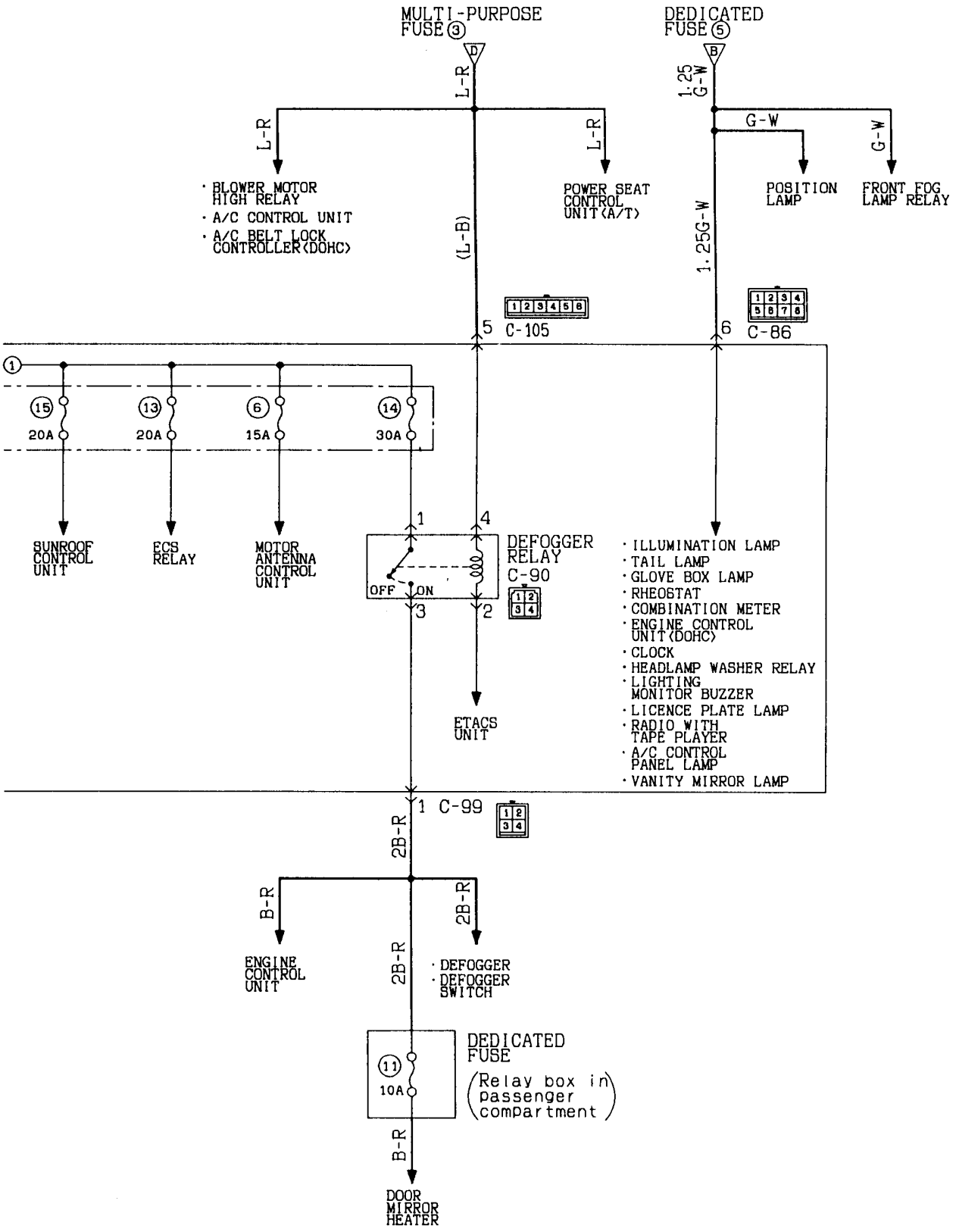


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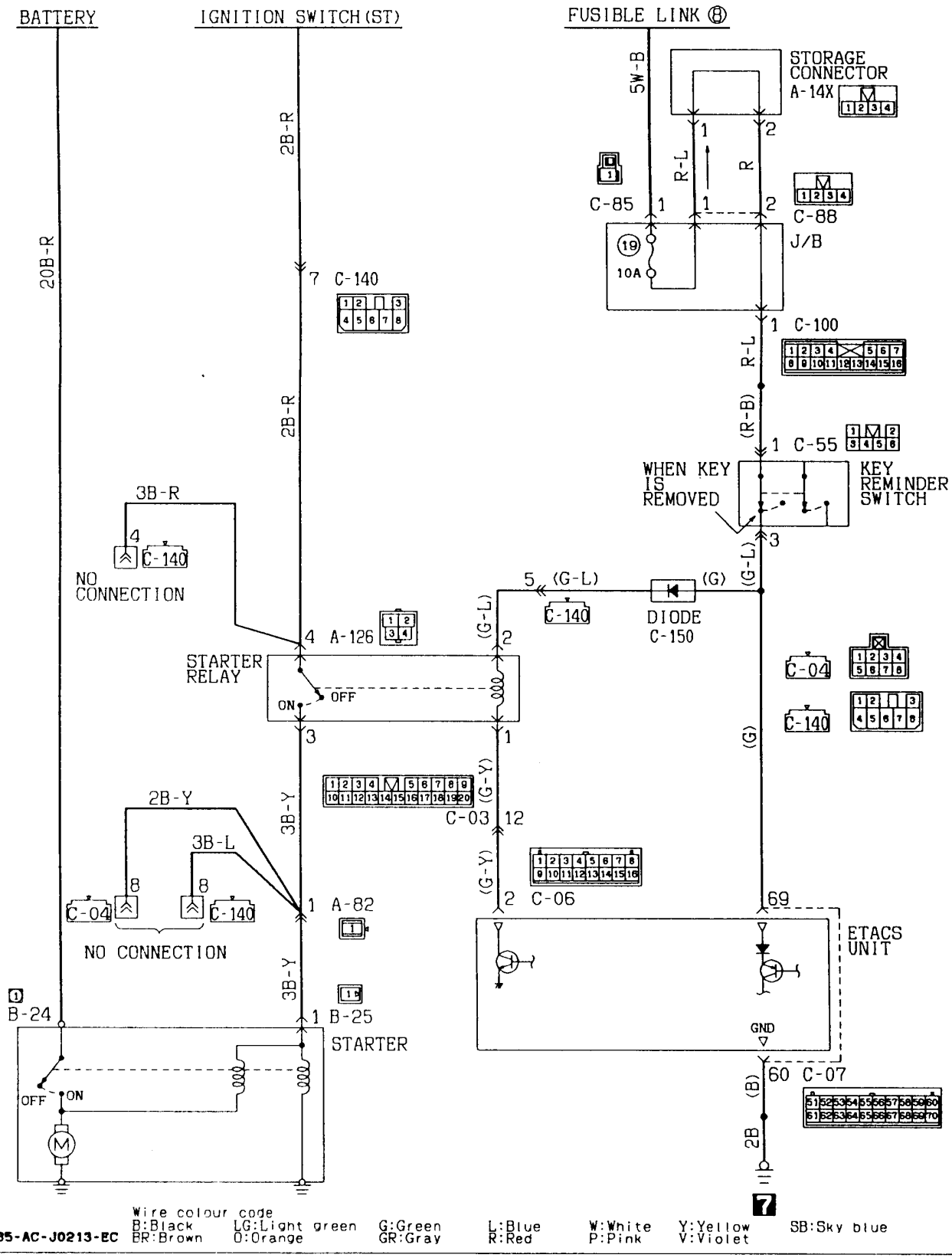
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MULTI-PURPOSE FUSE ③
DEDICATED FUSE ⑤
L-R
1.25 G-W
G-W
· BLOWER MOTOR HIGH RELAY
· A/C CONTROL UNIT
· A/C BELT LOCK CONTROLLER (DOHC)
POWER SEAT CONTROL UNIT (A/T)
POSITION LAMP
FRONT FOG LAMP RELAY
(L-B)
1.25G-W
5 C-105
6 C-86
15 20A
13 20A
6 15A
14 30A
SUNROOF CONTROL UNIT
ECS RELAY
MOTOR ANTENNA CONTROL UNIT
DEFOGGER RELAY C-90
OFF ON
ETACS UNIT
· ILLUMINATION LAMP
· TAIL LAMP
· GLOVE BOX LAMP
· RHEOSTAT
· COMBINATION METER
· ENGINE CONTROL UNIT (DOHC)
· CLOCK
· HEADLAMP WASHER RELAY
· LIGHTING MONITOR BUZZER
· LICENCE PLATE LAMP
· RADIO WITH TAPE PLAYER
· A/C CONTROL PANEL LAMP
· VANITY MIRROR LAMP
1 C-99
2B-R
B-R
ENGINE CONTROL UNIT
· DEFOGGER
· DEFOGGER SWITCH
11 10A
DEDICATED FUSE
(Relay box in passenger compartment)
DOOR MIRROR HEATER

STARTING SYSTEM

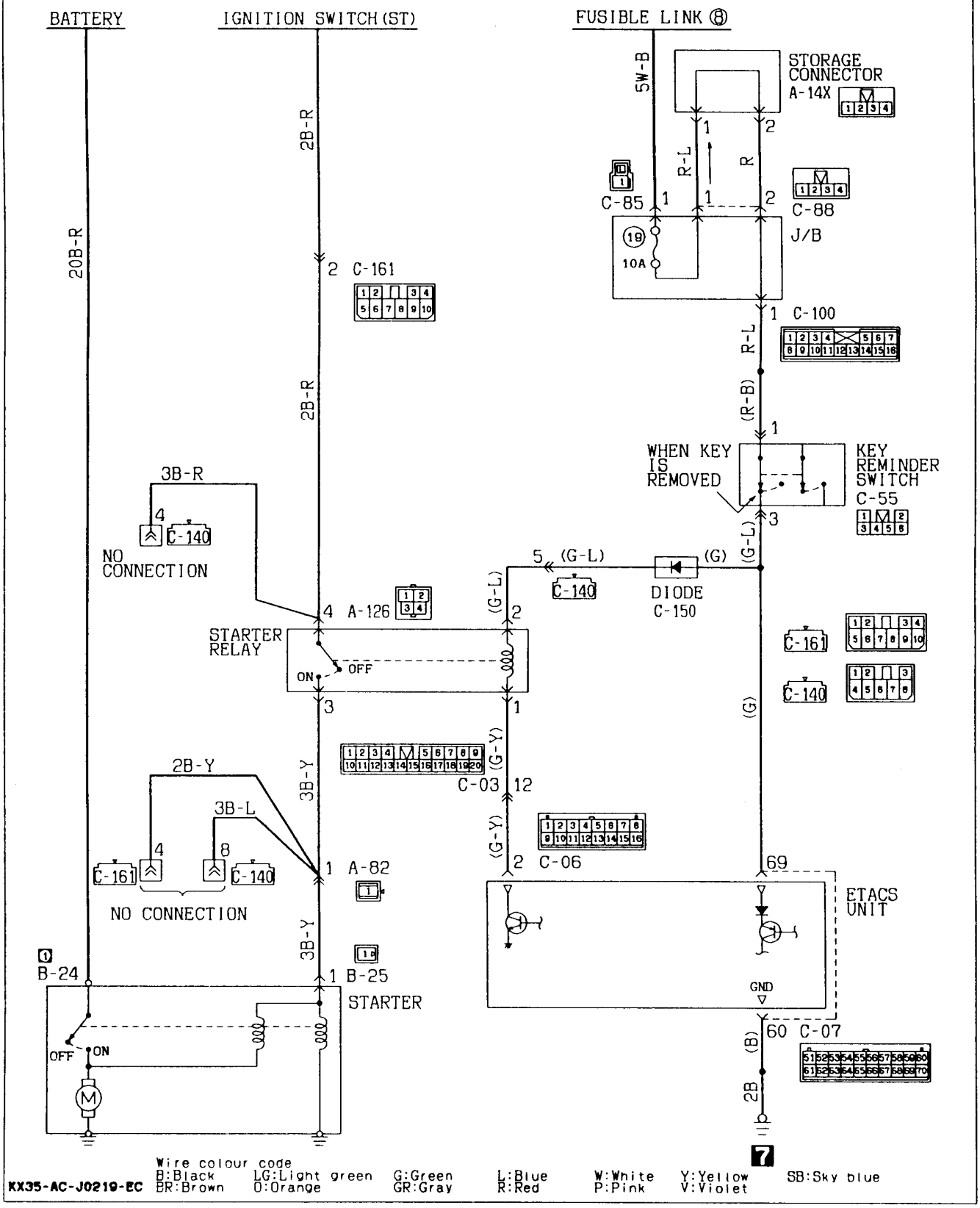
L.H. drive vehicles with Theft-Alarm system-M/T (Vehicles without front passenger air bag)



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STARTING SYSTEM

L.H. drive vehicles with Theft-Alarm system-M/T
<Vehicles with front passenger air bag>

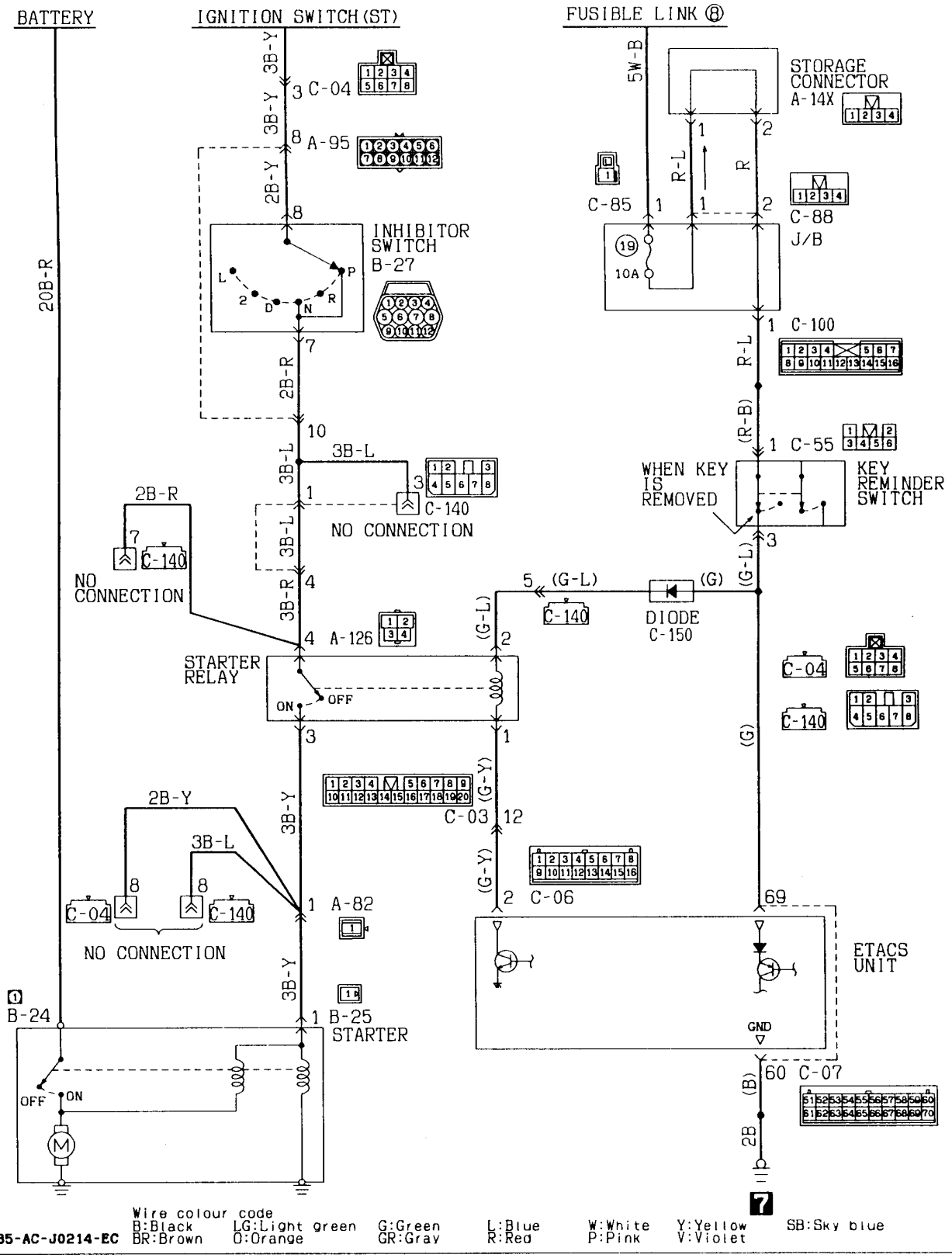


KX35-AC-J0219-EC

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STARTING SYSTEM

L.H. drive vehicles with Theft-Alarm system-A/T
<Vehicles without front passenger air bag>

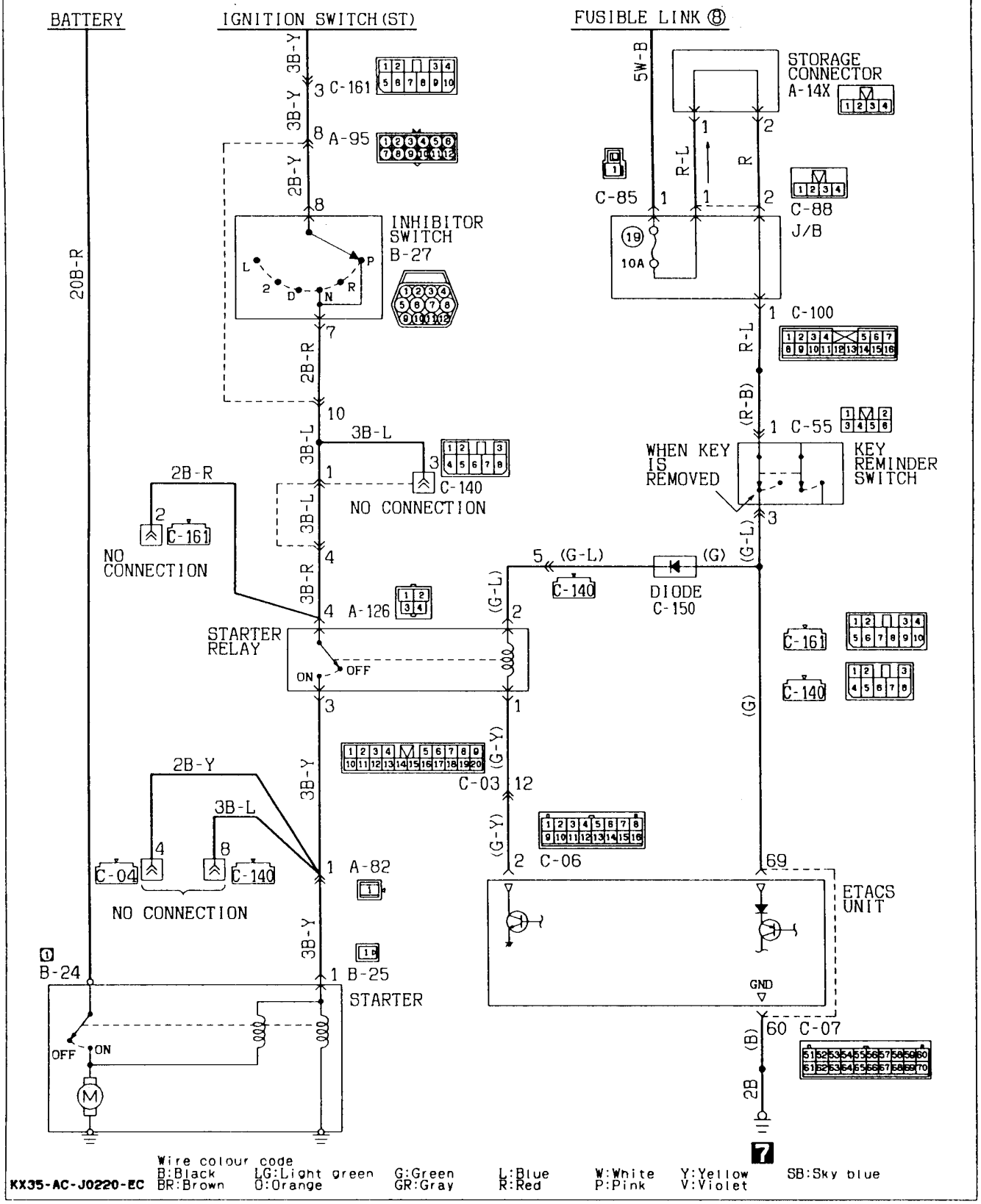


KX35-AC-J0214-EC

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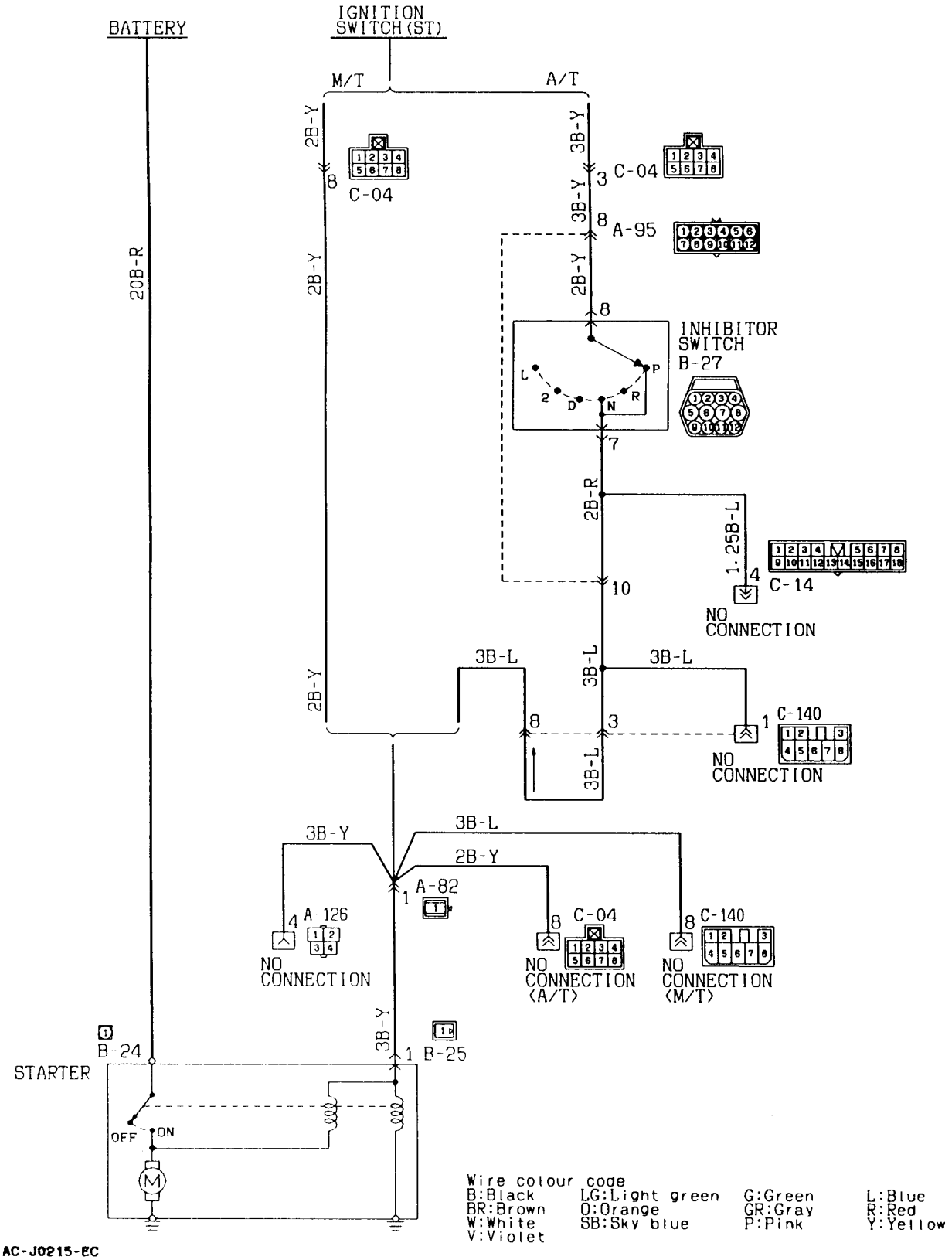
STARTING SYSTEM

L.H. drive vehicles with Theft-Alarm system-A/T
<Vehicles with front passenger air bag>



KX35-AC-J0220-EC

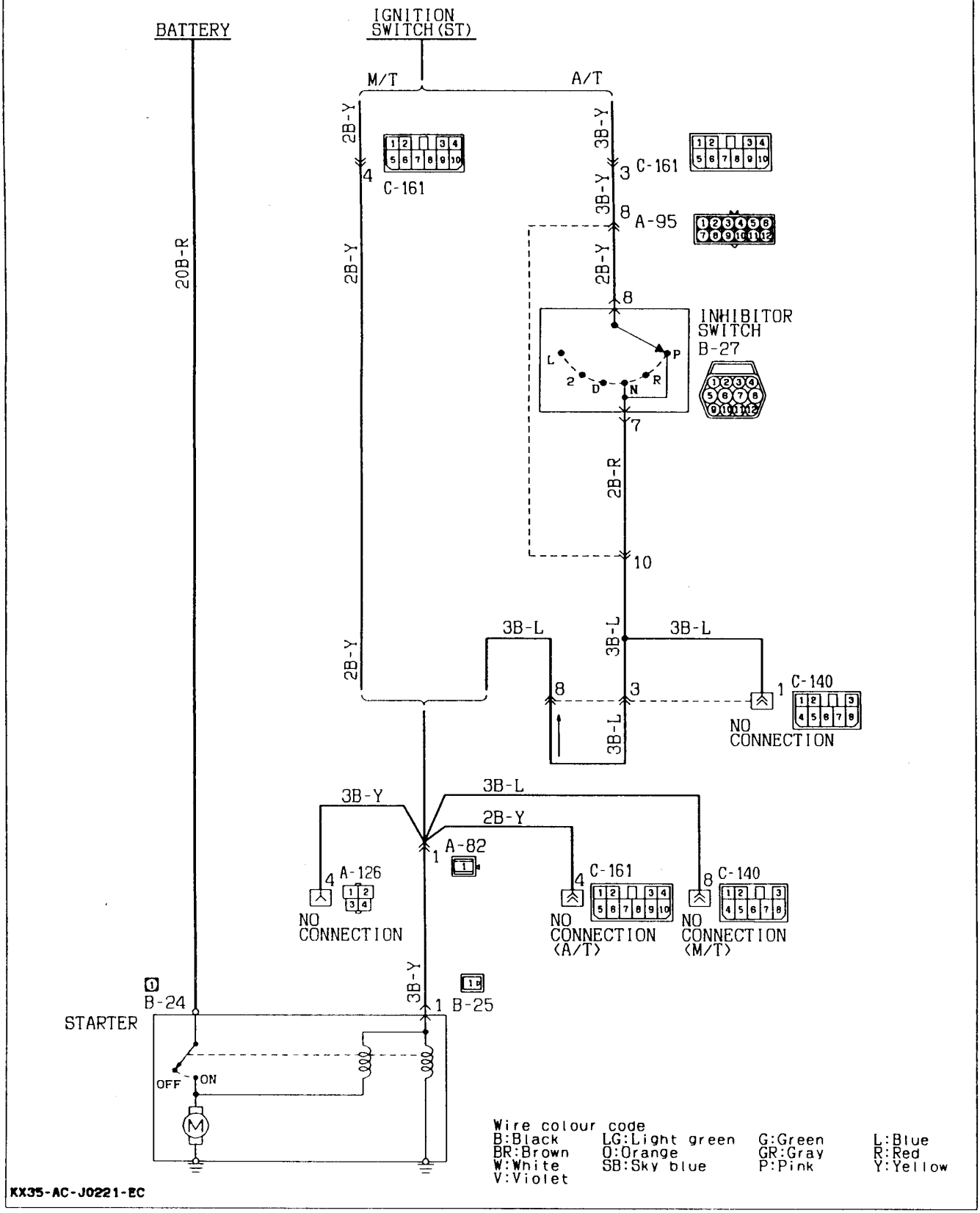
STARTING SYSTEM
L.H. drive vehicles without Theft-Alarm system
(Vehicles without front passenger air bag)



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STARTING SYSTEM

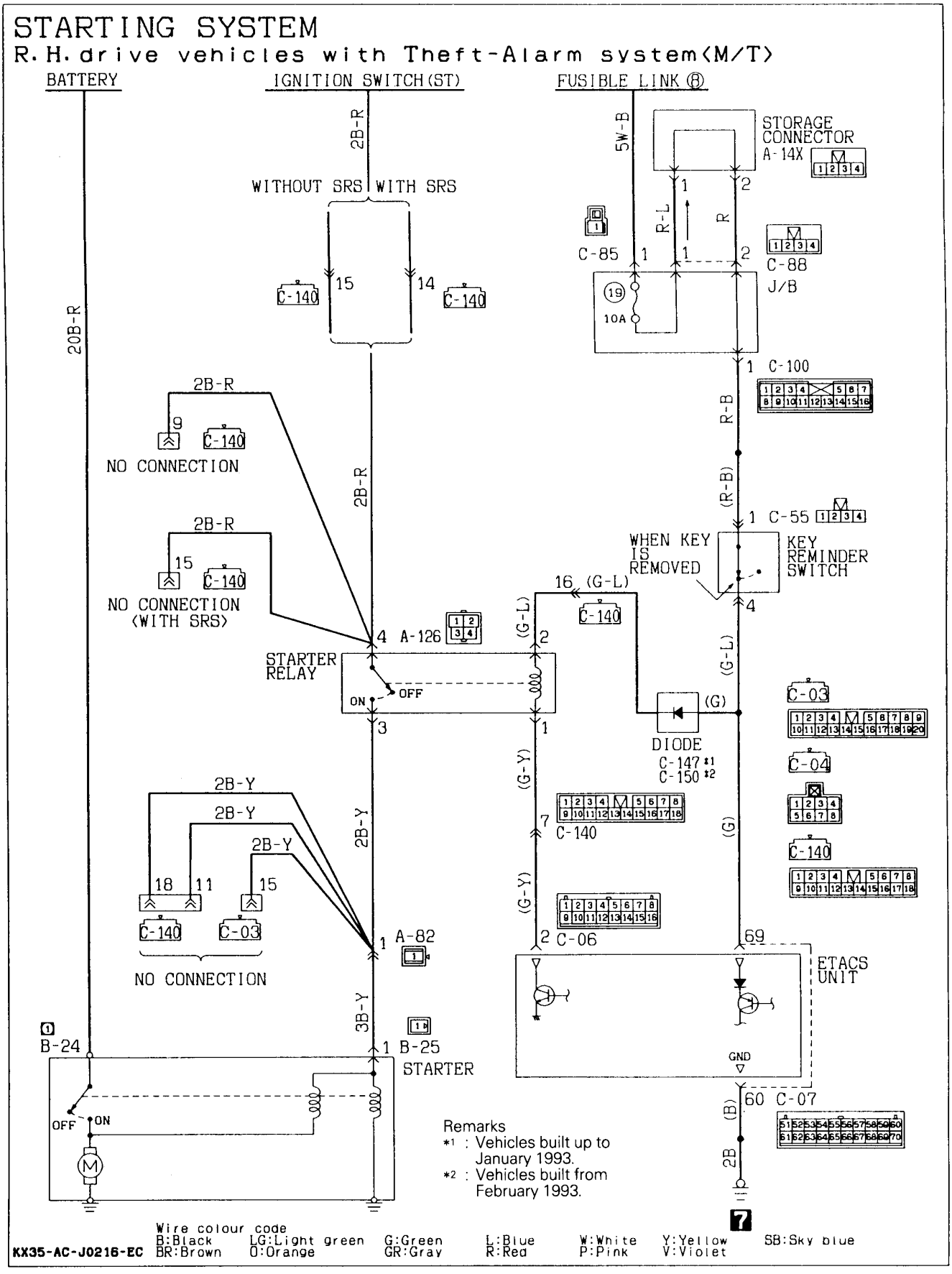
L.H. drive vehicles without Theft-Alarm system
〈Vehicles with front passenger air bag〉



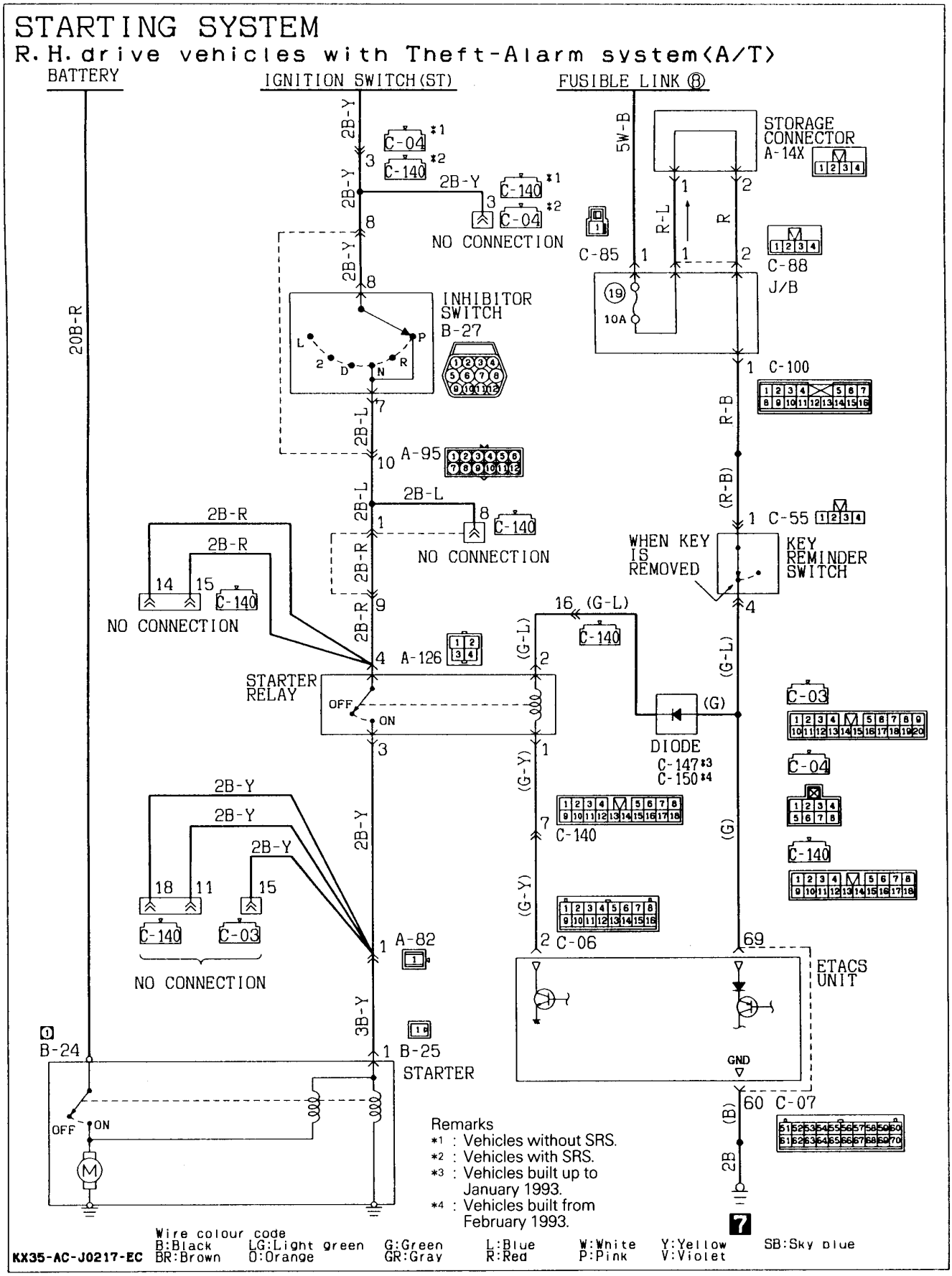
KX35-AC-J0221-EC

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NOTES



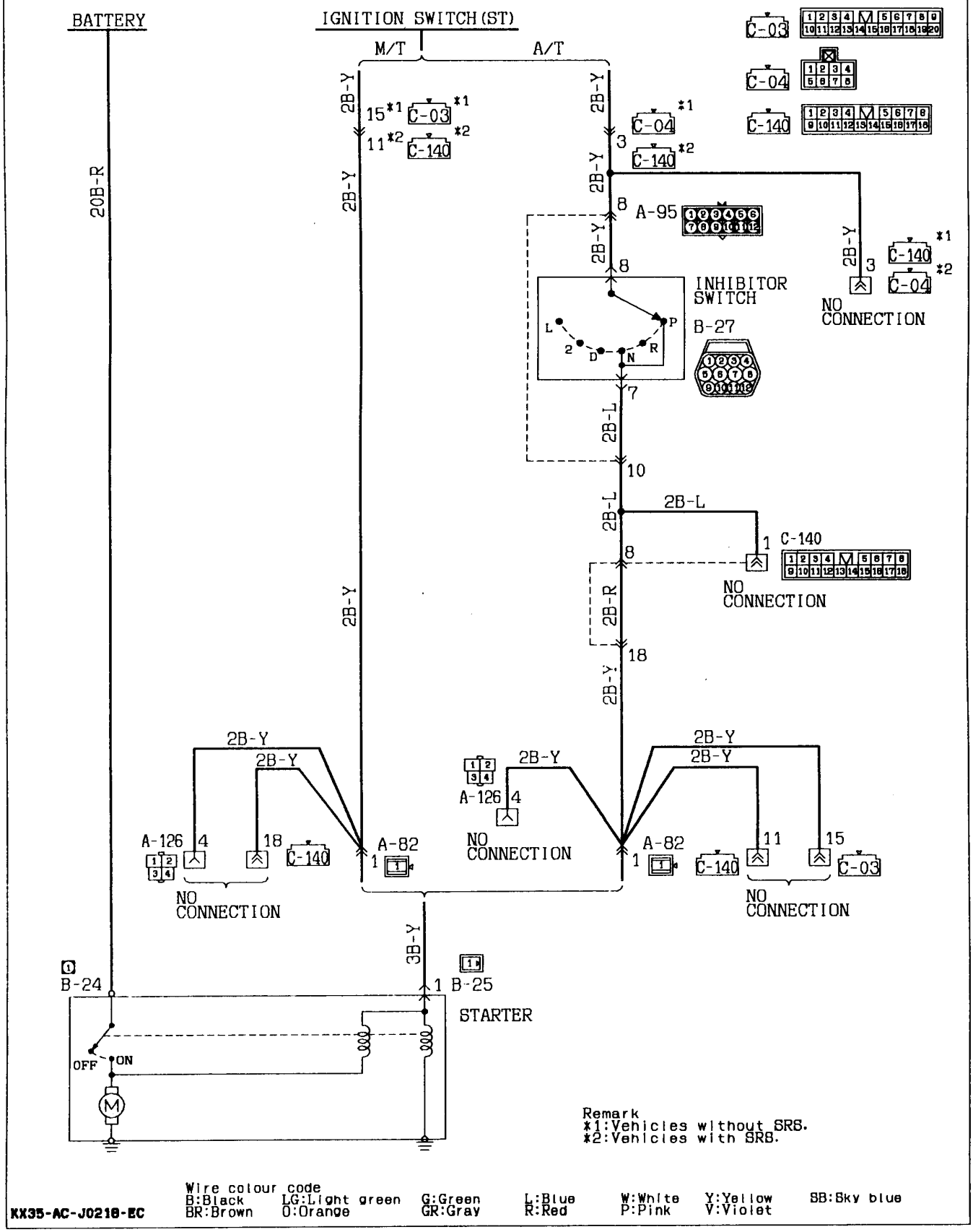
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STARTING SYSTEM

R.H. drive vehicles without Theft-Alarm system



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

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STARTING SYSTEM (See P. 4-24, 24-1, 24-2, 25, 26, 26-1, 27, 28, 29.)

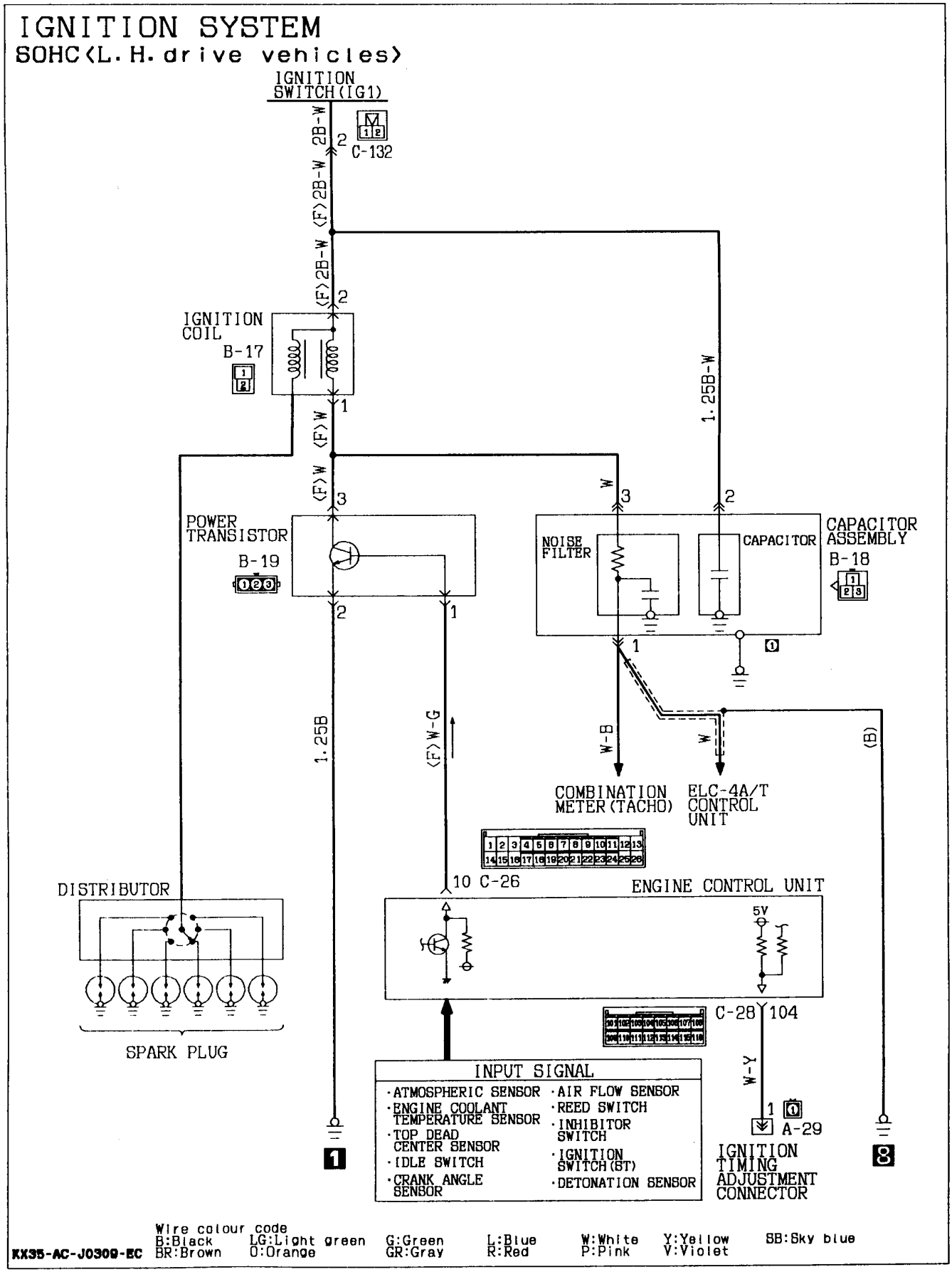
OPERATION

- 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.

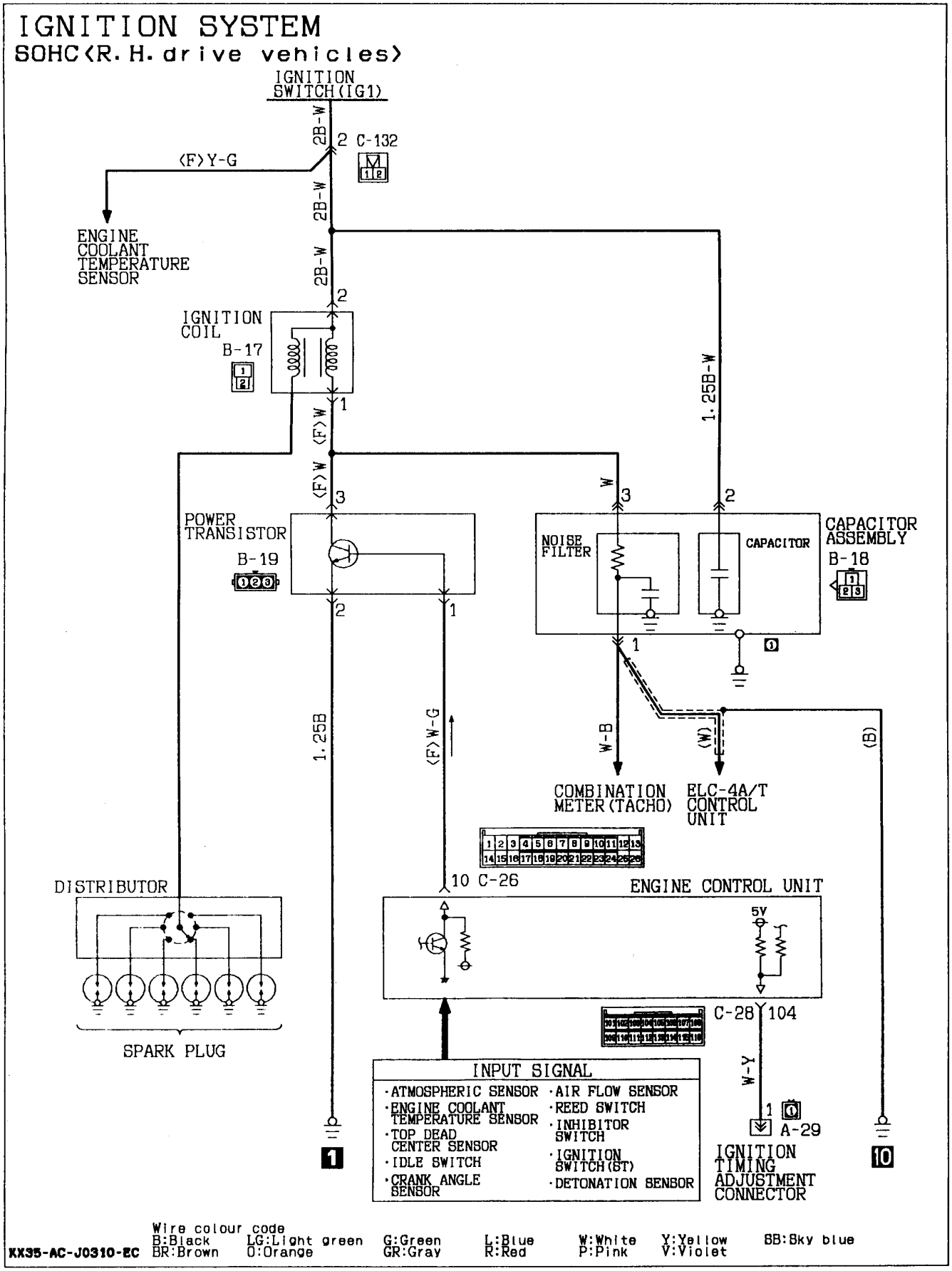
TROUBLESHOOTING HINTS

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).

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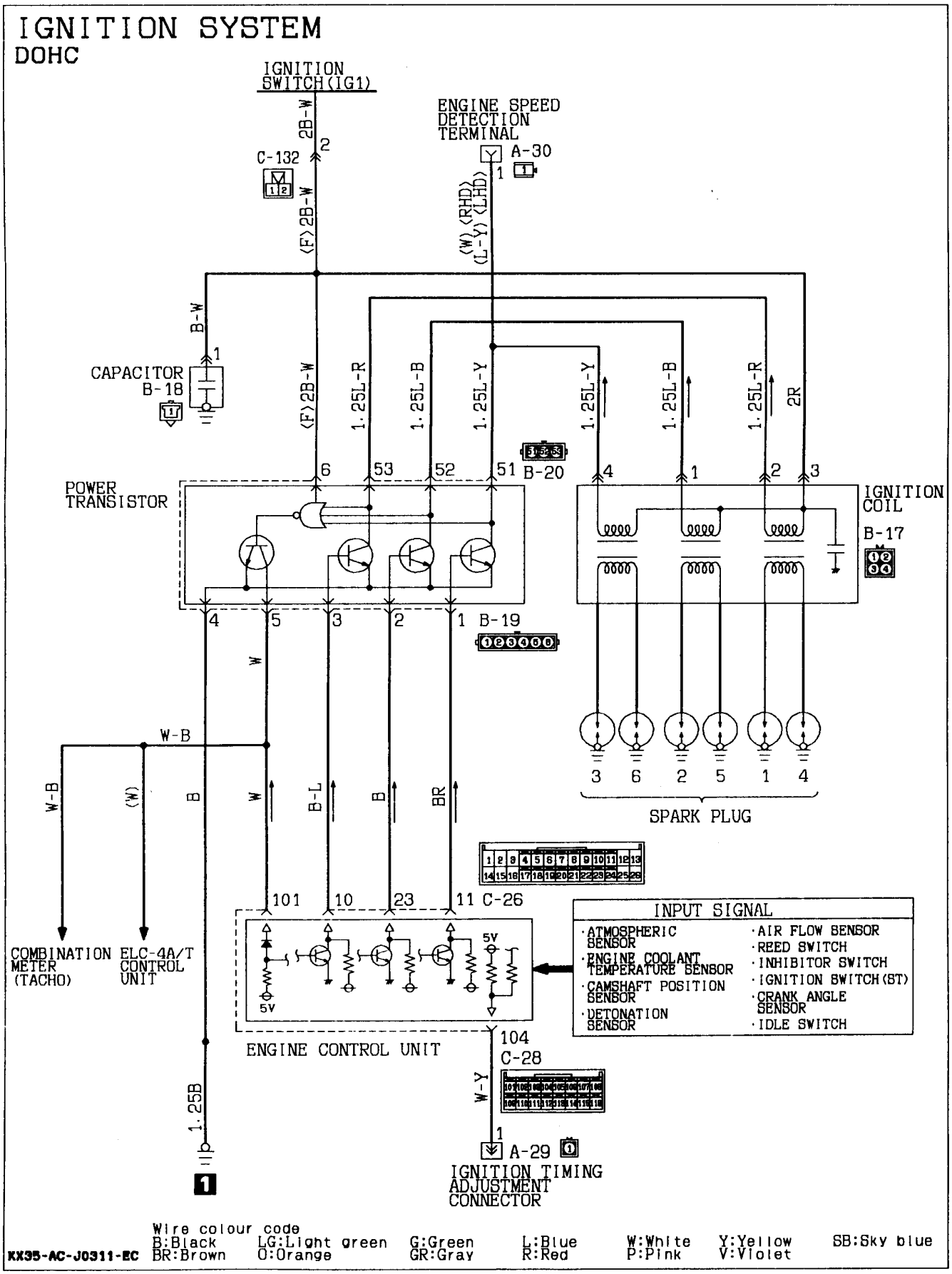


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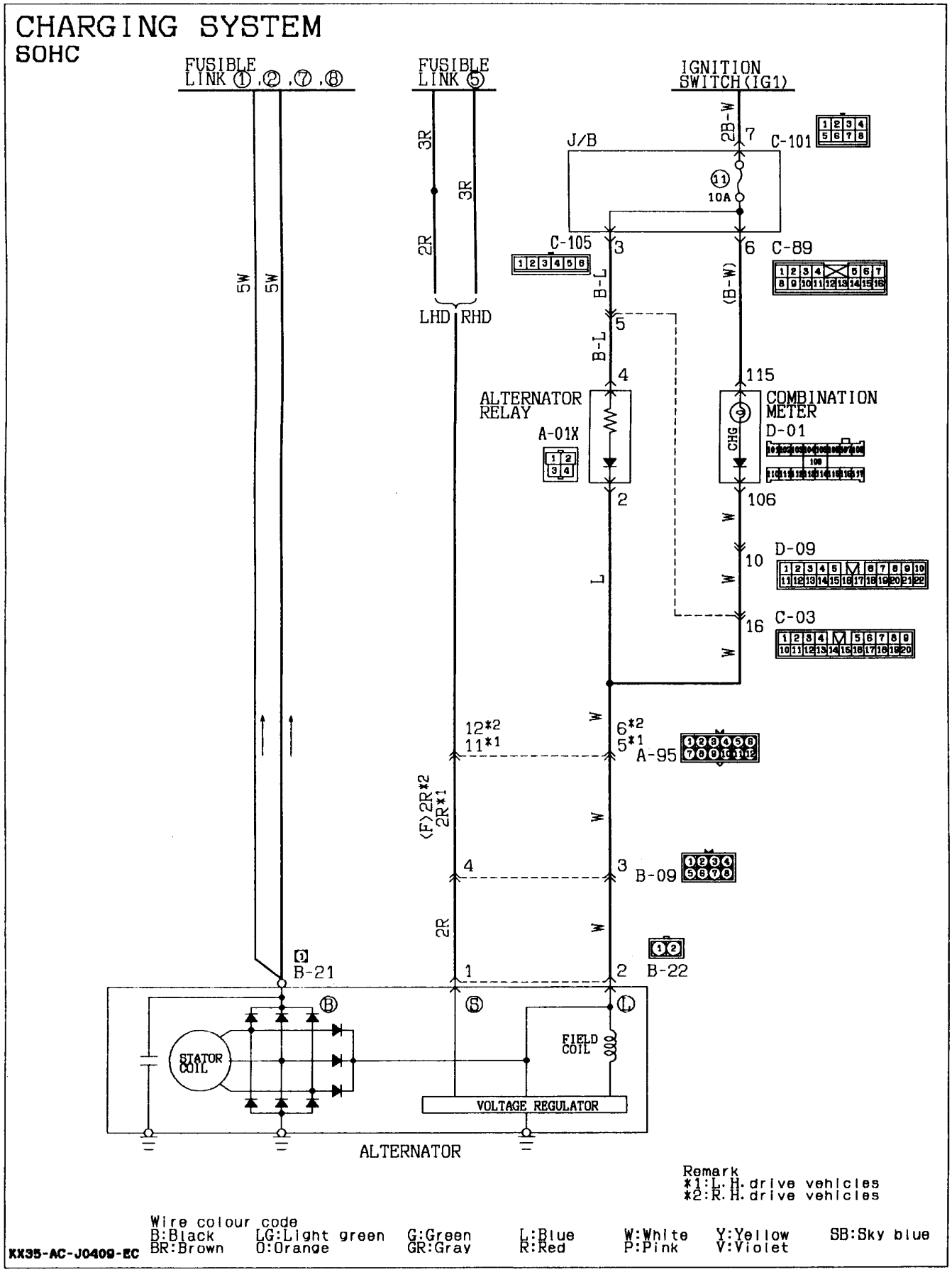


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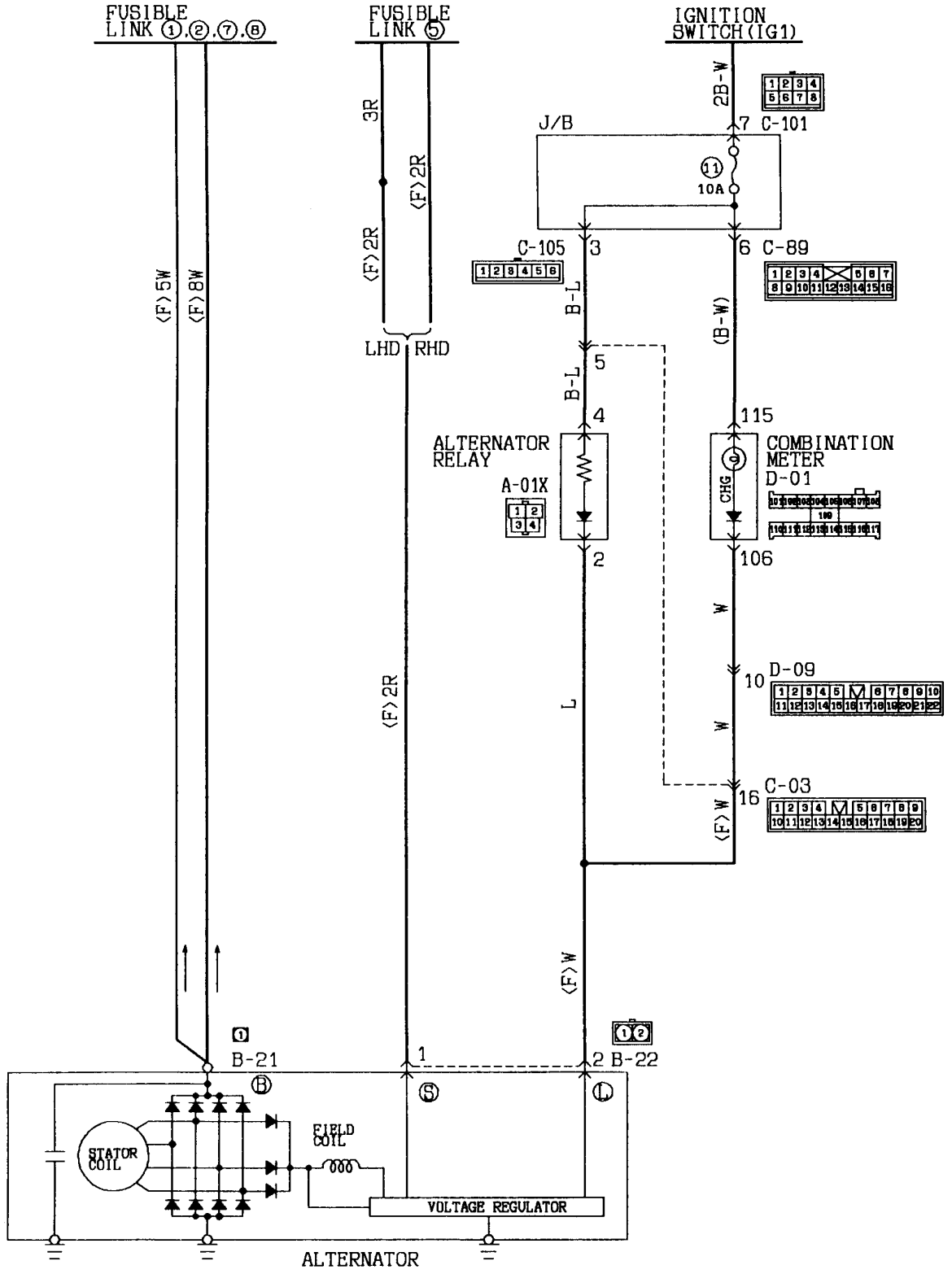
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CHARGING SYSTEM
DOHC



Wire colour code

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

KX35-AC-J0410-EC

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CHARGING SYSTEM (See P. 4-34, 35.)

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.

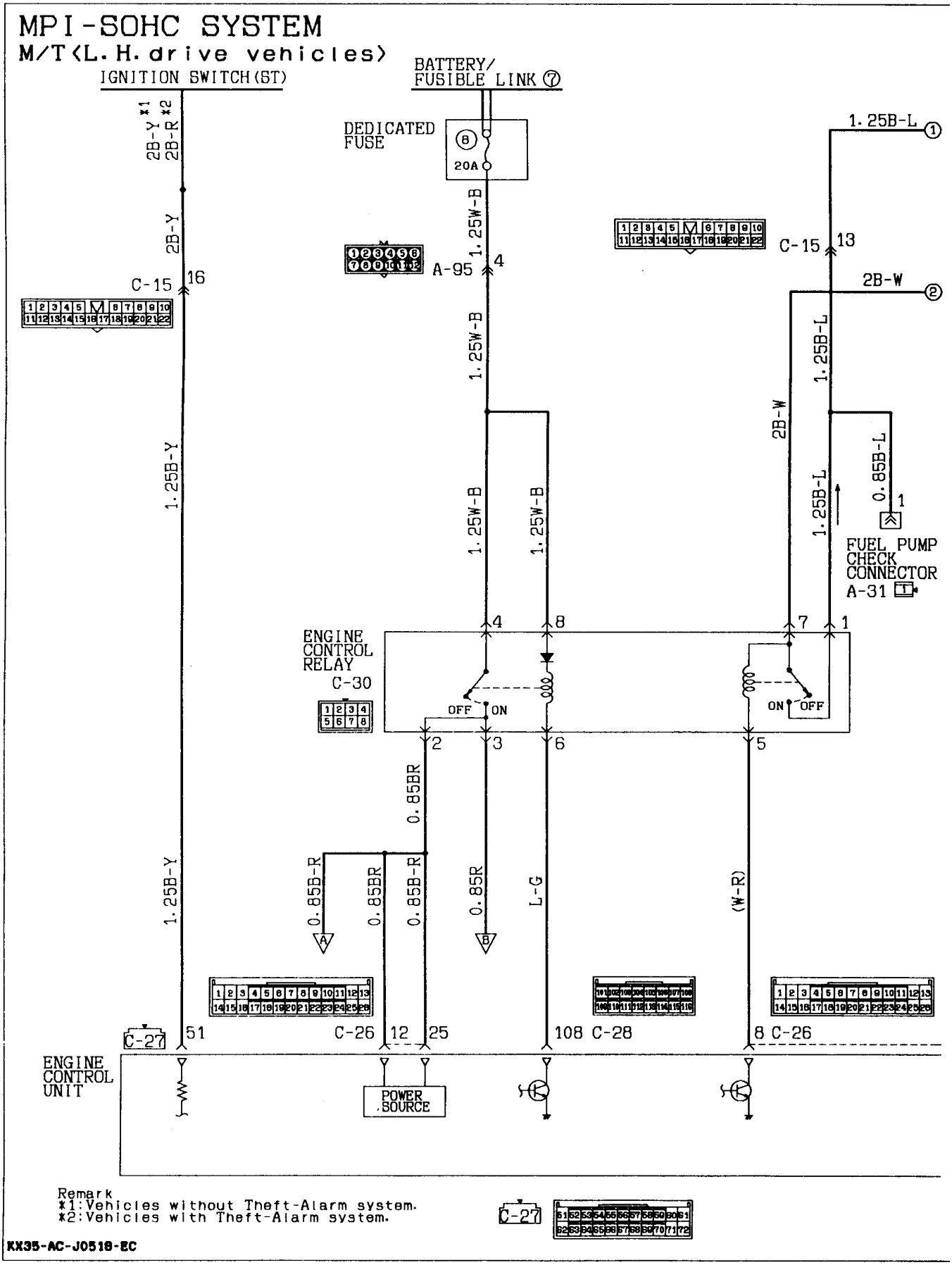
TROUBLESHOOTING HINTS

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 of overcharged battery.
   - Check IC voltage regulator of alternator.
4. Charge warning lamp lights up dimly.
   - Check combination meter diode (for short).

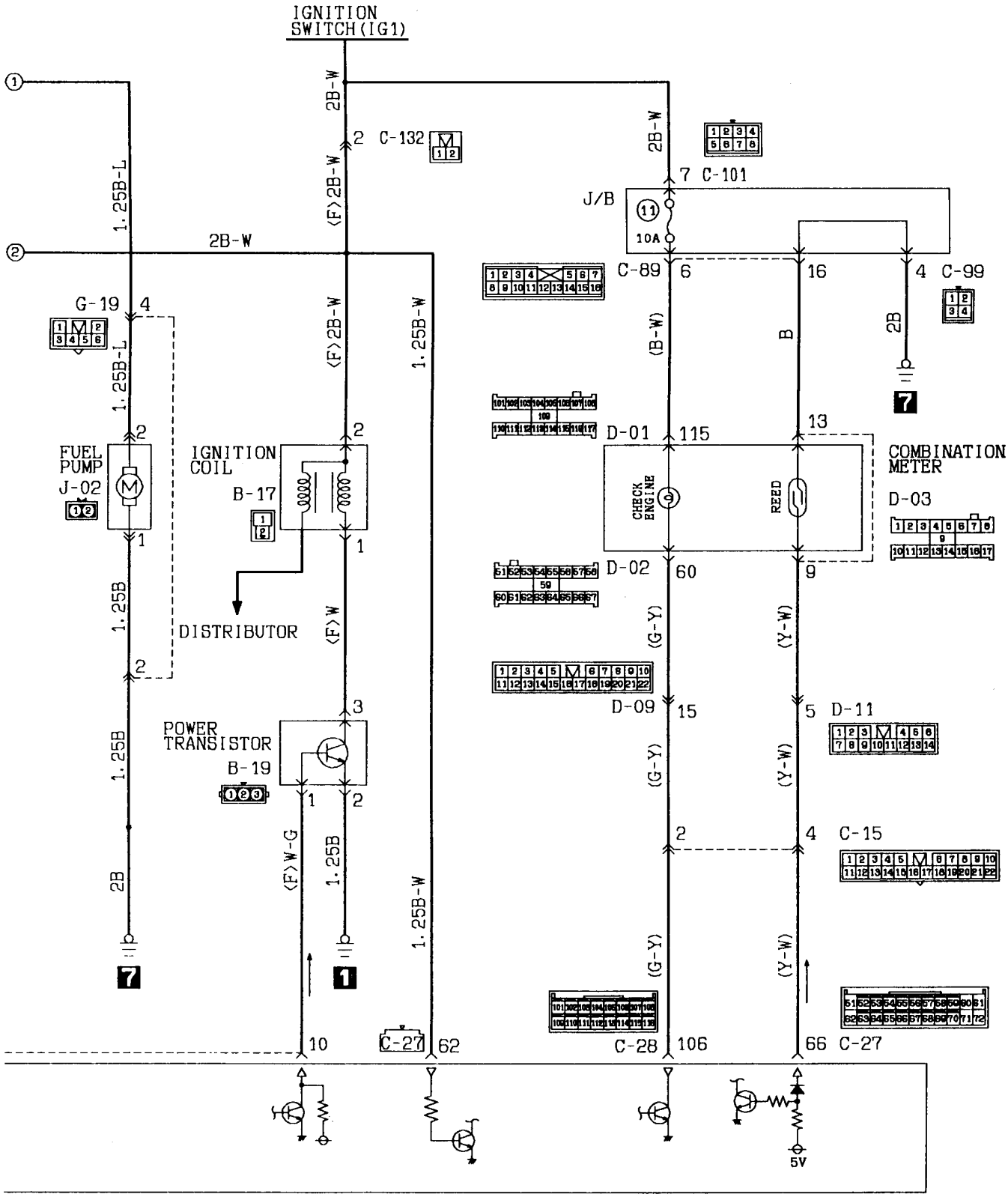
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NOTES

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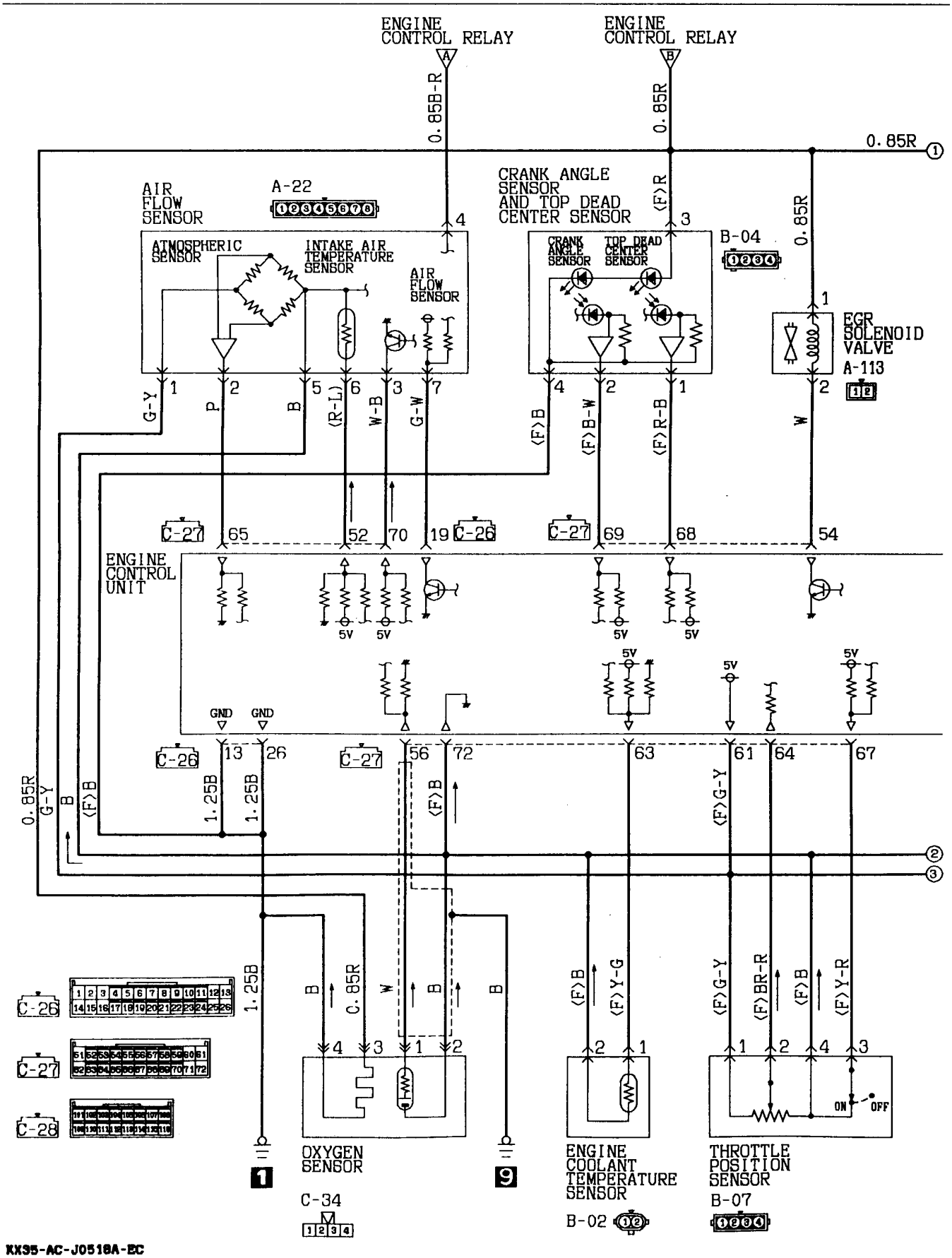
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Wire colour code

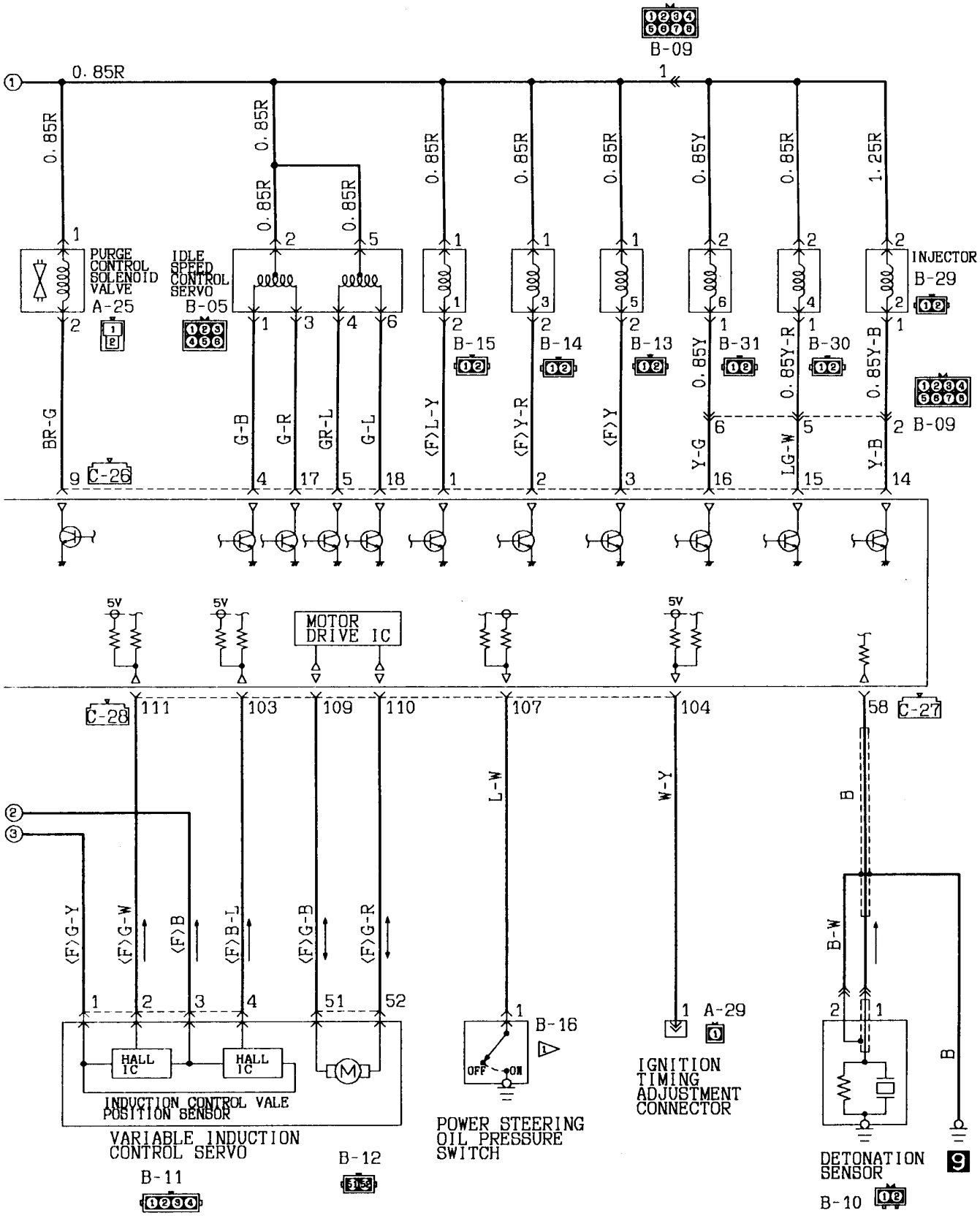
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

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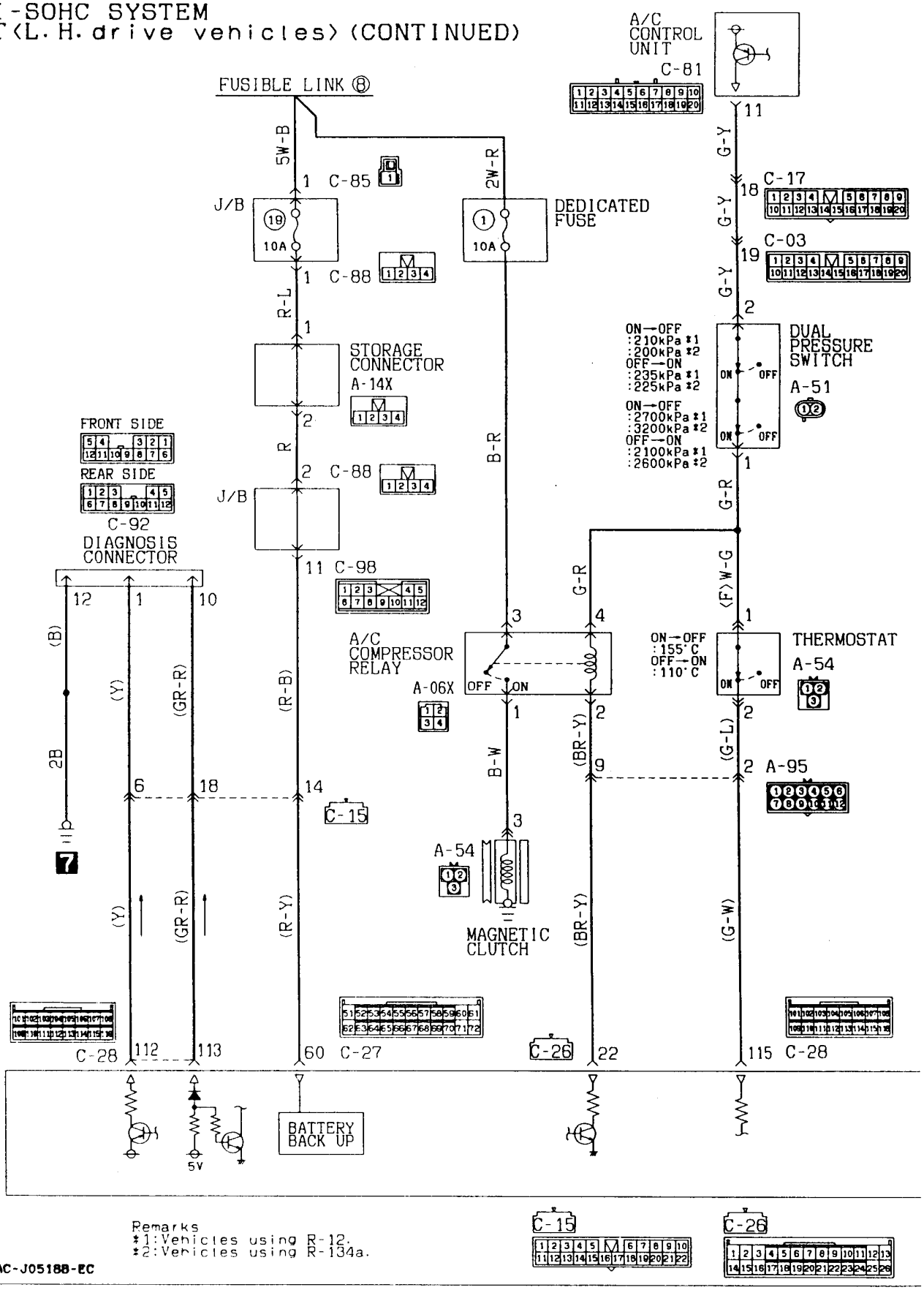
XX35-AC-J0518A-EC

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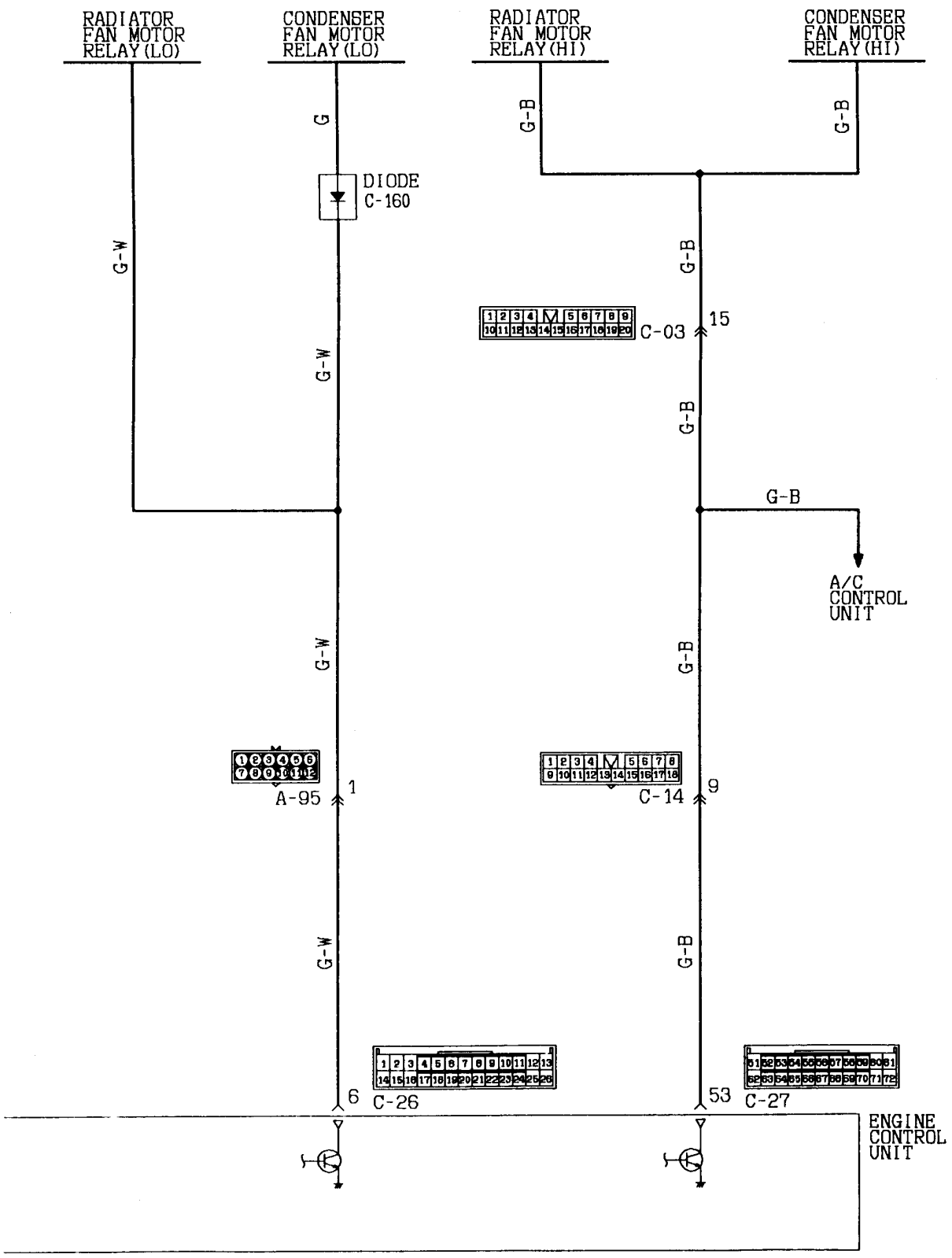
MPI-SOHC SYSTEM M/T(L.H.drive vehicles) (CONTINUED)



Remarks
*1: Vehicles using R-12.
*2: Vehicles using R-134a.

KX35-AC-J05188-EC

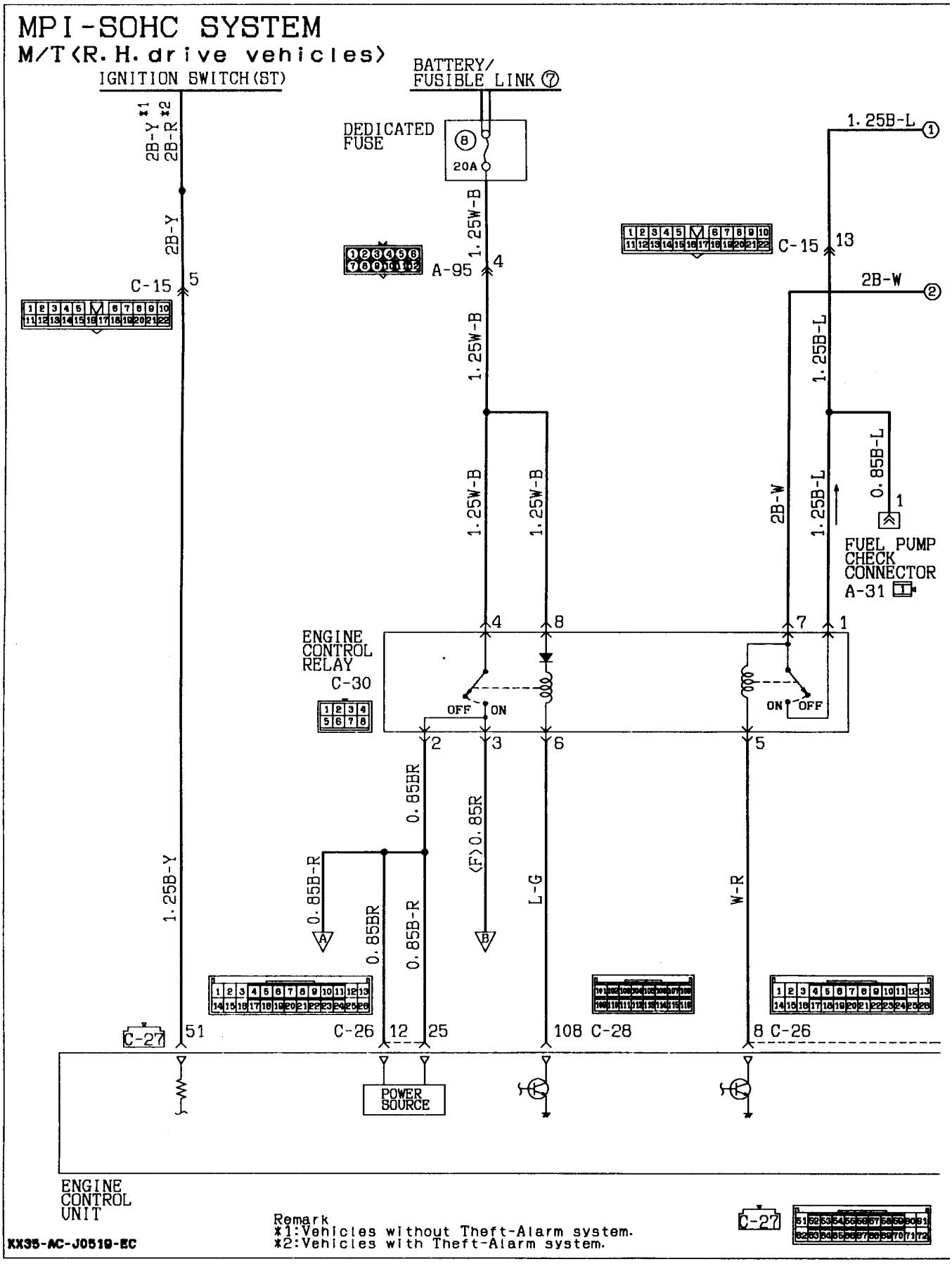
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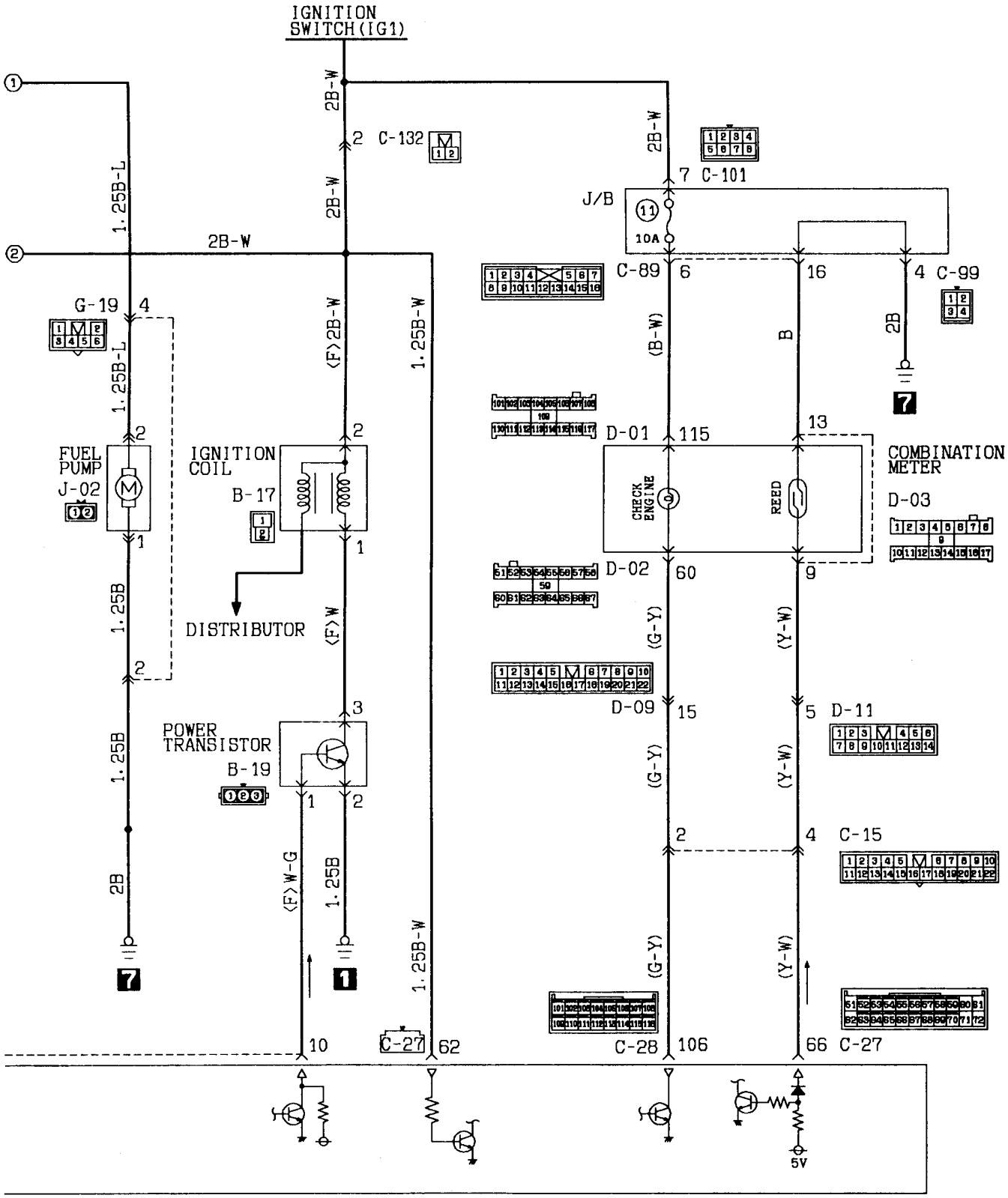
Wire colour code

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

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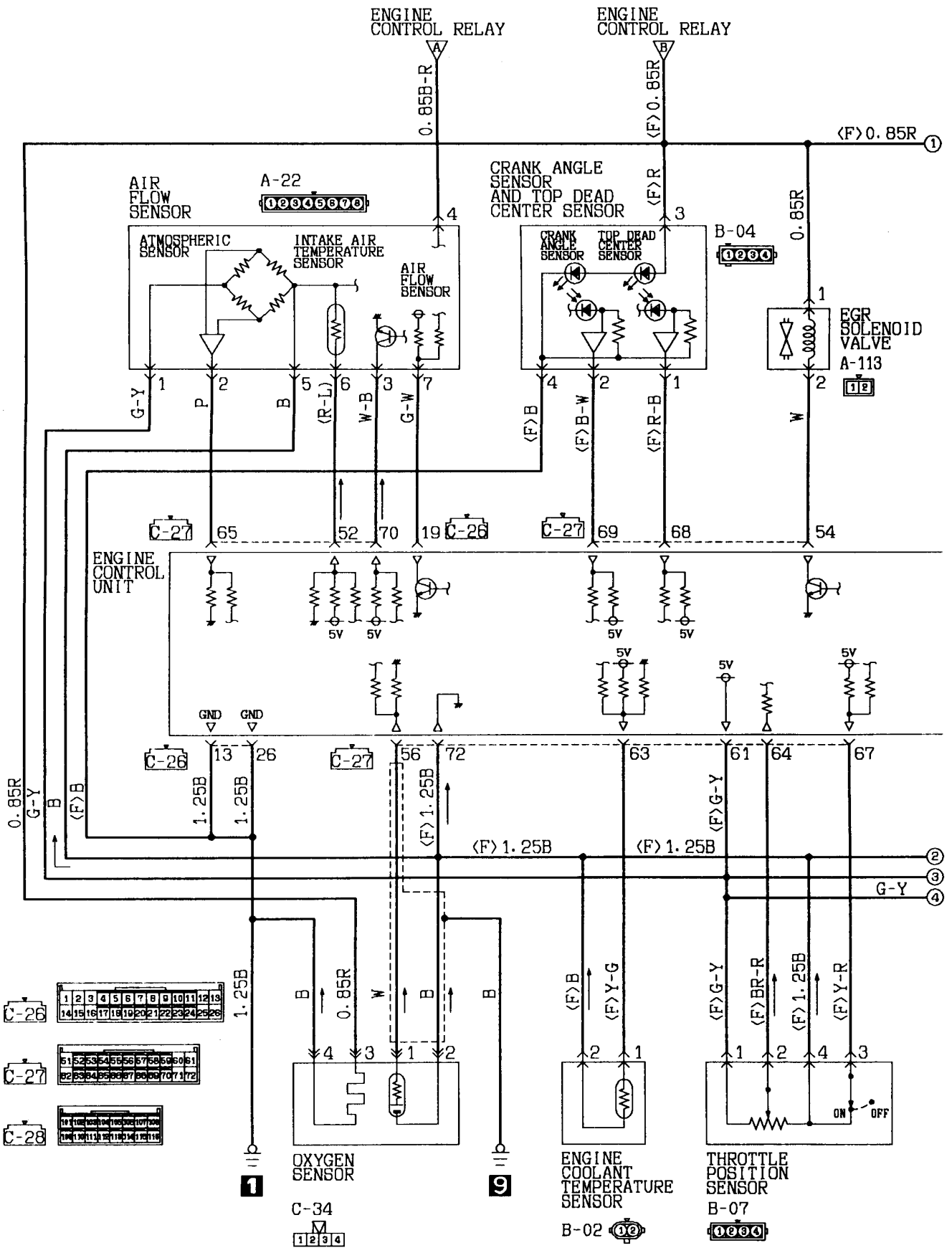
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Wire colour code

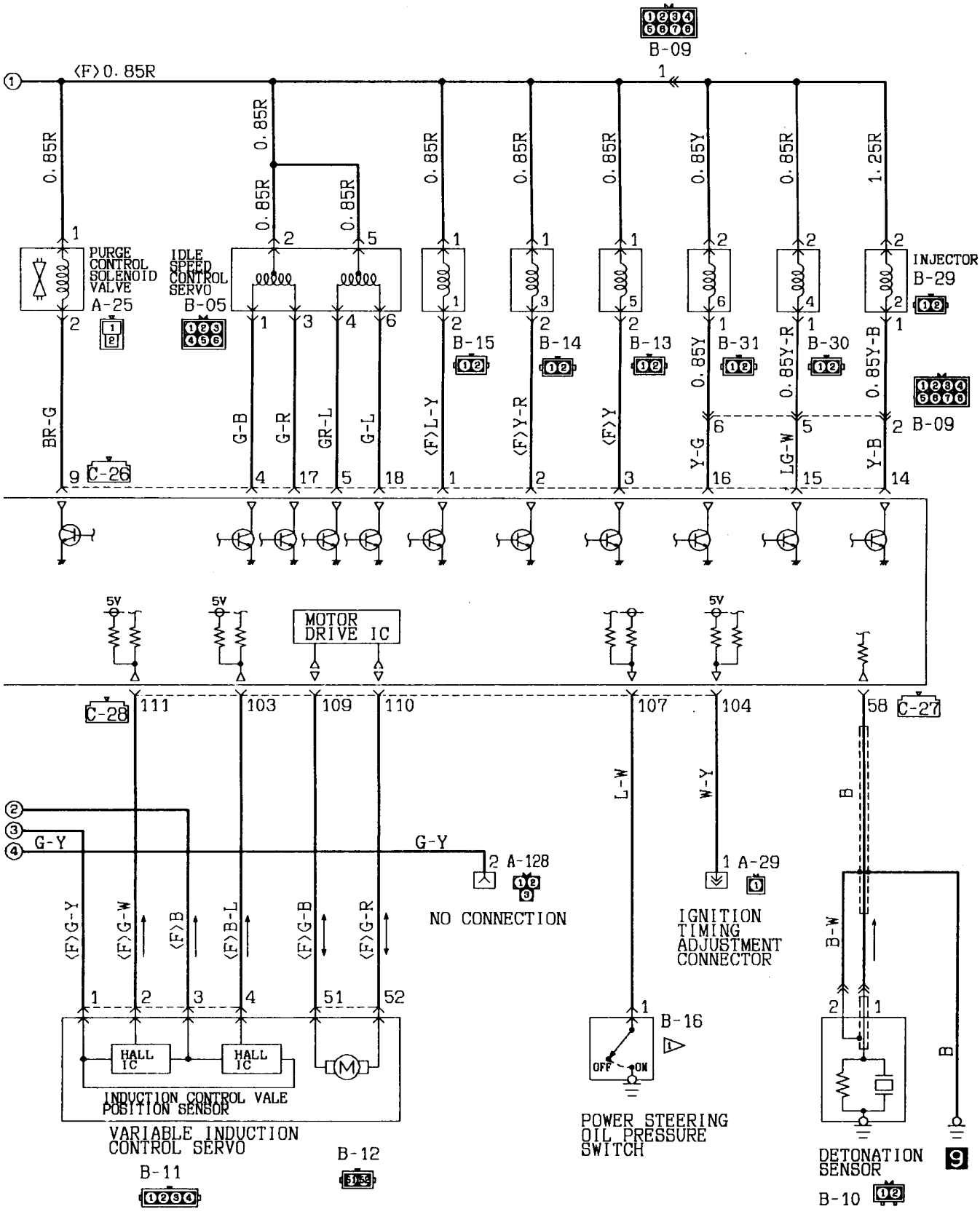
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

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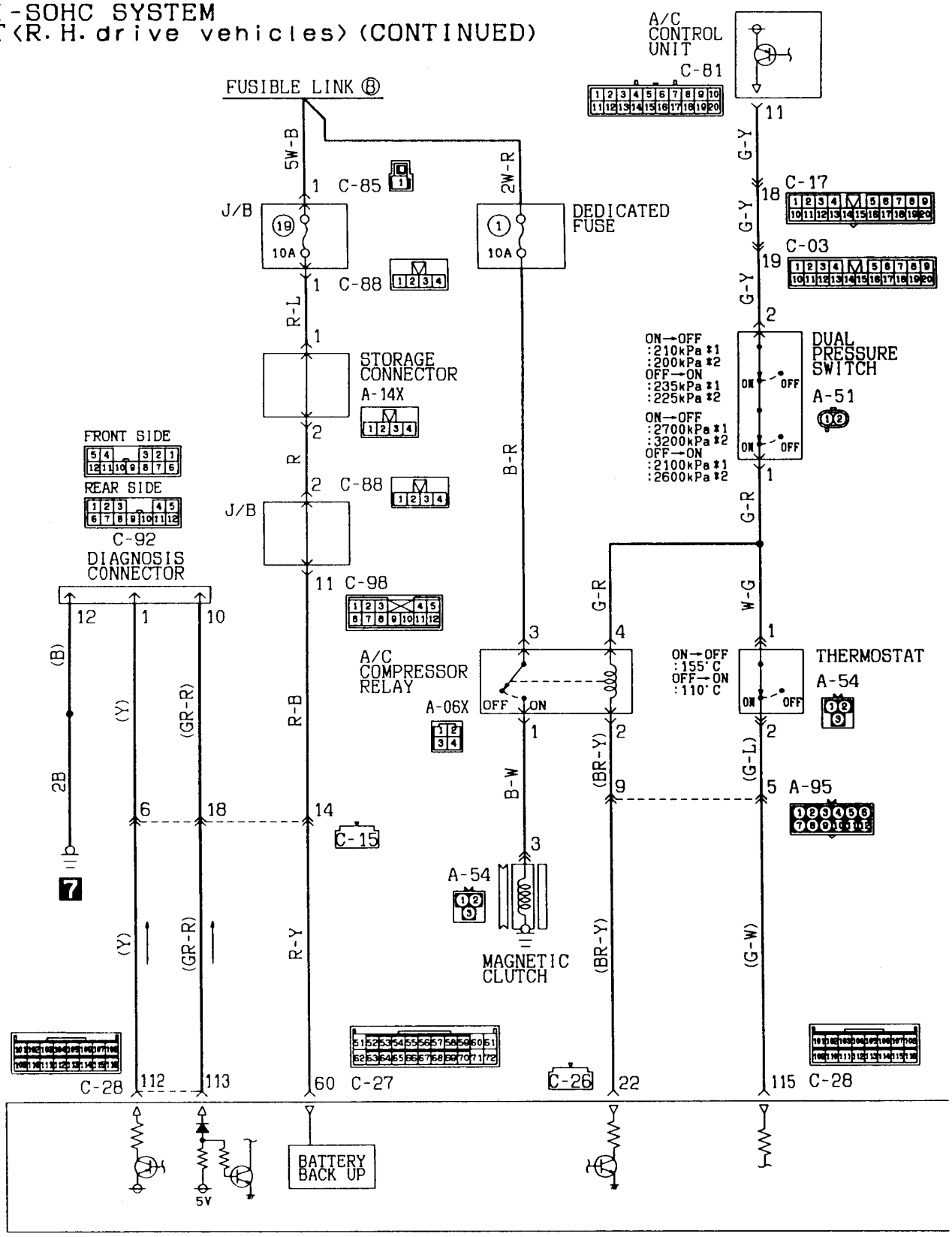
KX35-AC-J0519A-EC

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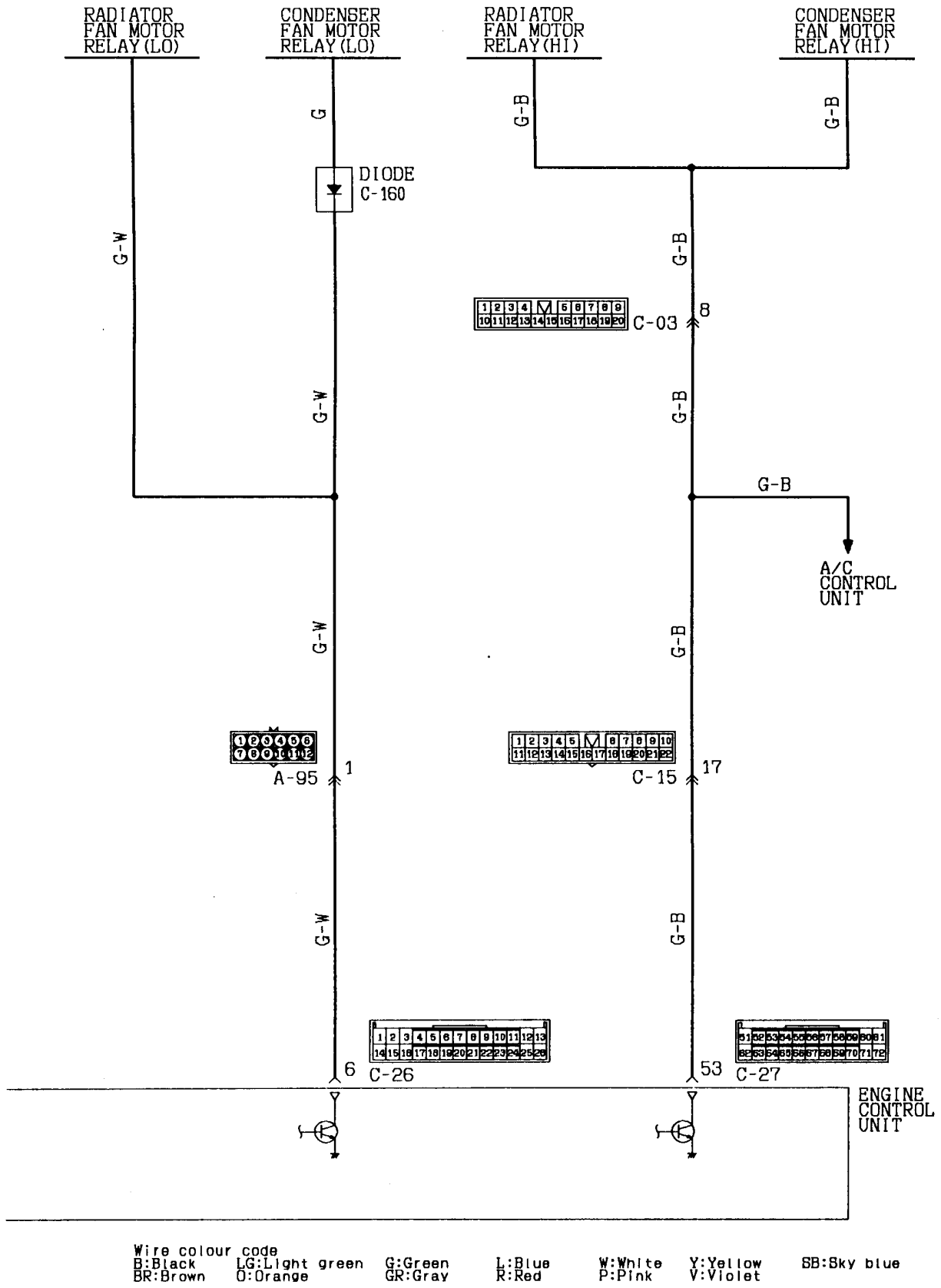
MPI-SOHC SYSTEM M/T(R.H.drive vehicles)(CONTINUED)



Remarks
*1: Vehicles using R-12.
*2: Vehicles using R-134a.

KX35-AC-J05198-EC

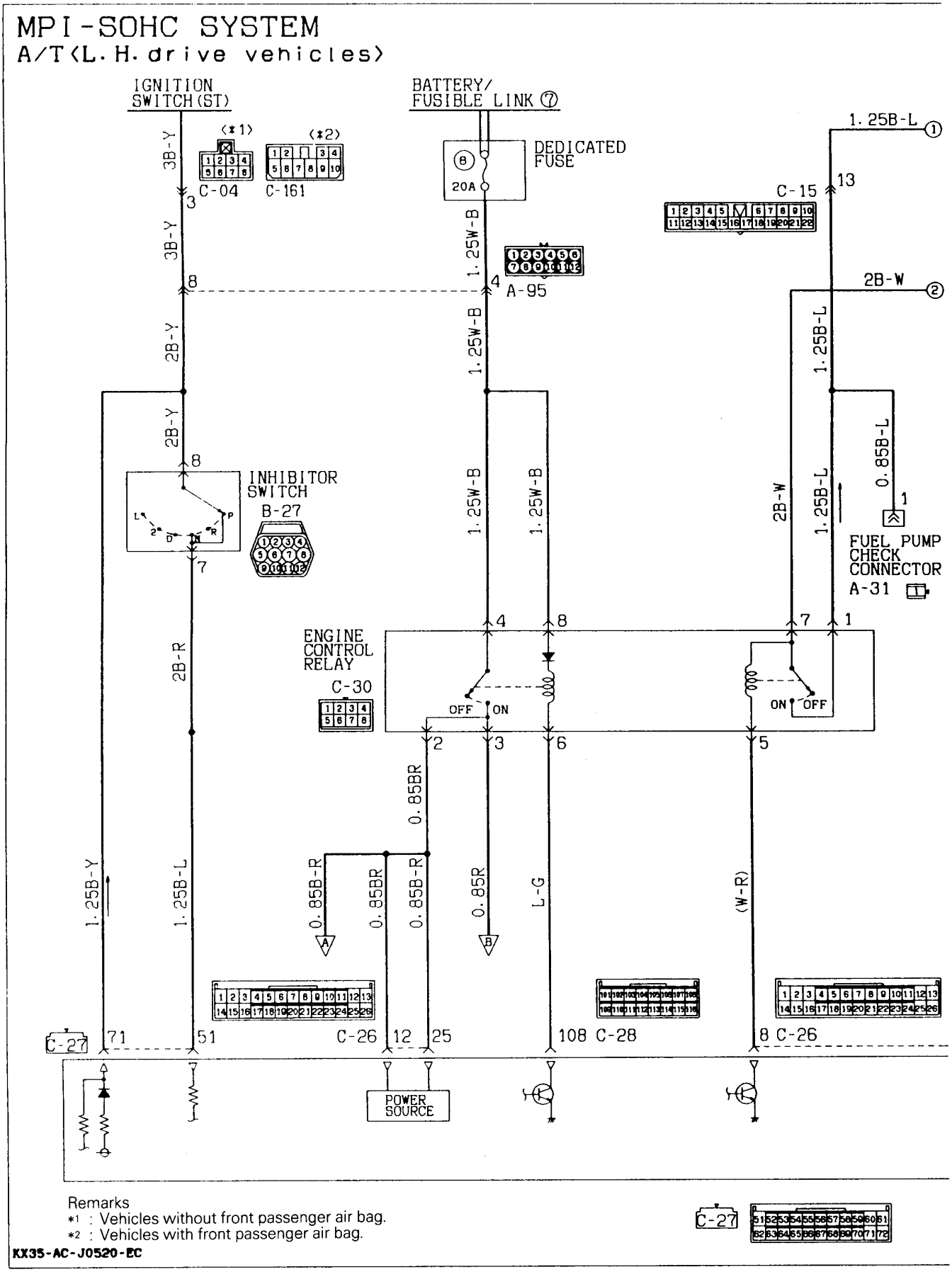
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Wire colour code

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

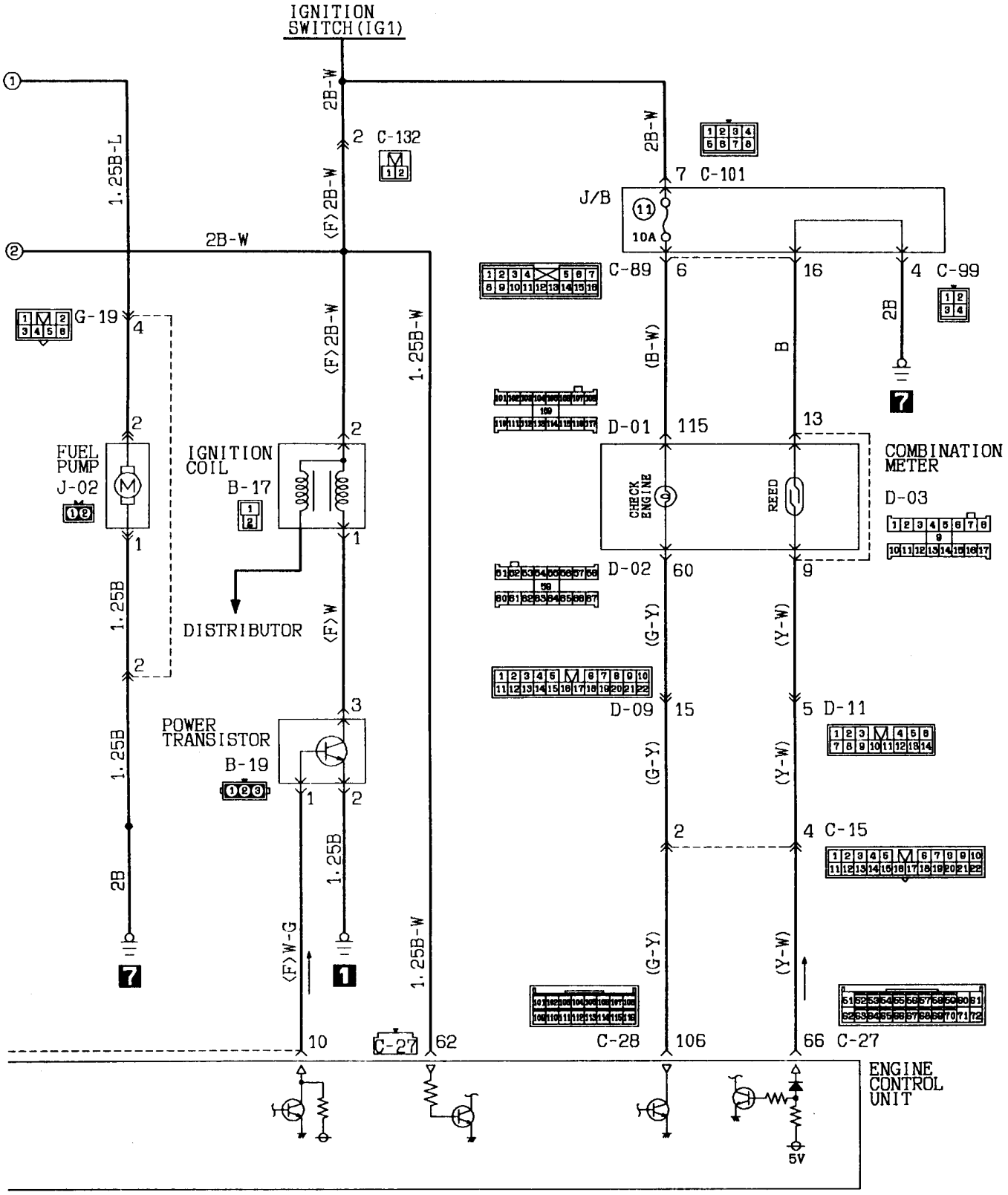
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Remarks
*1 : Vehicles without front passenger air bag.
*2 : Vehicles with front passenger air bag.

KX35-AC-J0520-EC

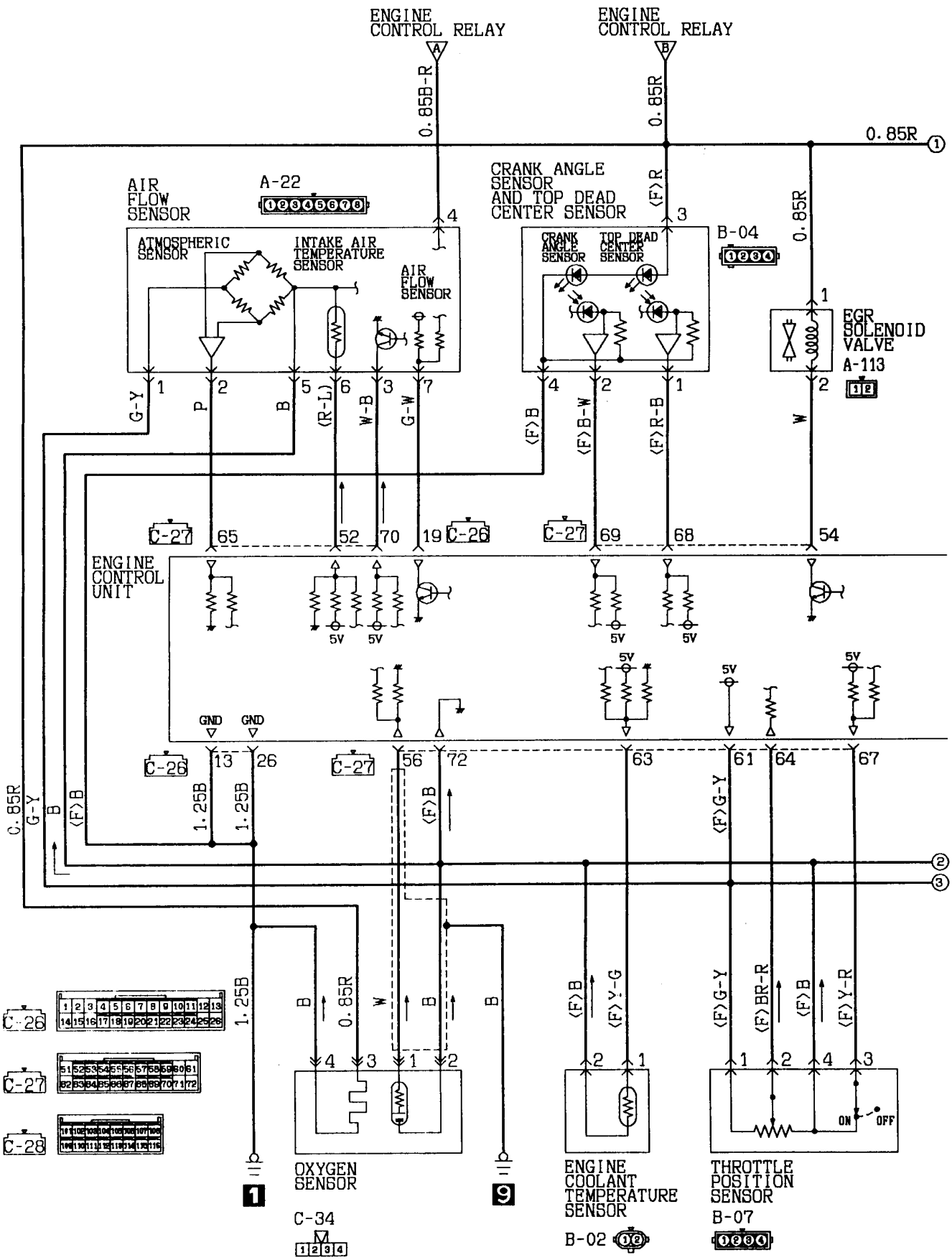
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Wire colour code

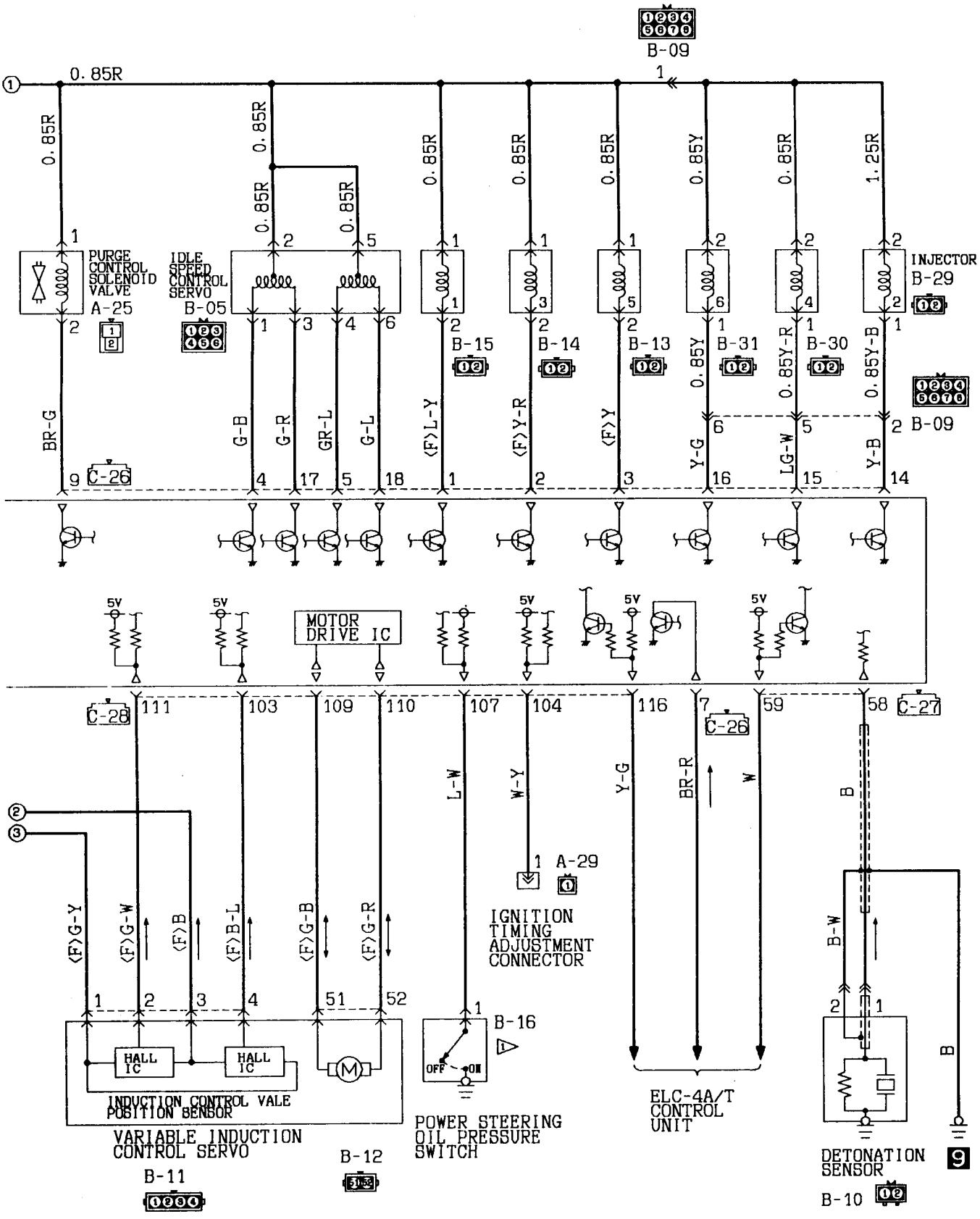
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

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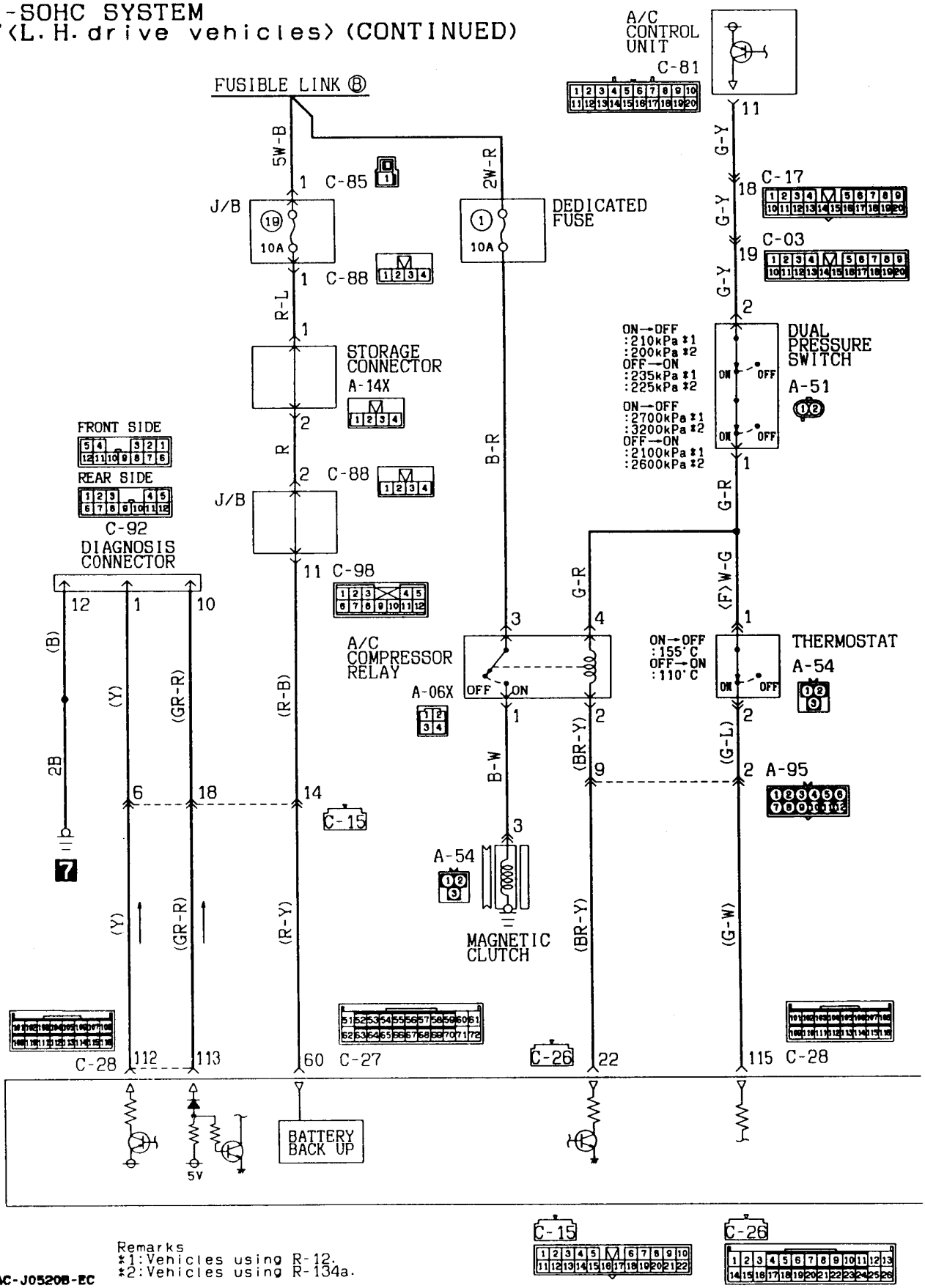
KX35-AC-J0520A-EC

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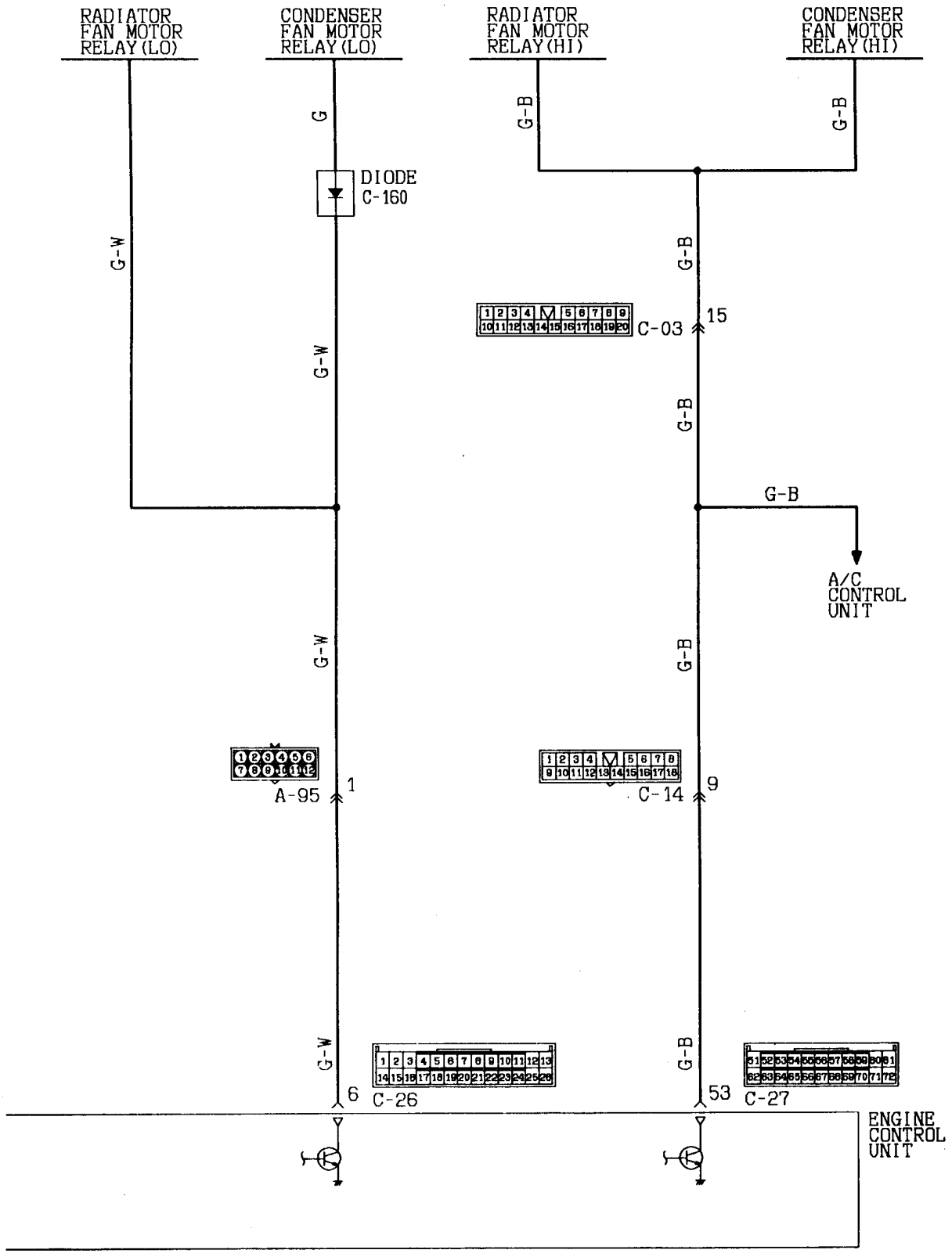
MPI-SOHC SYSTEM A/T(L.H.drive vehicles) (CONTINUED)



Remarks
*1: Vehicles using R-12.
*2: Vehicles using R-134a.

KX35-AC-J05208-EC

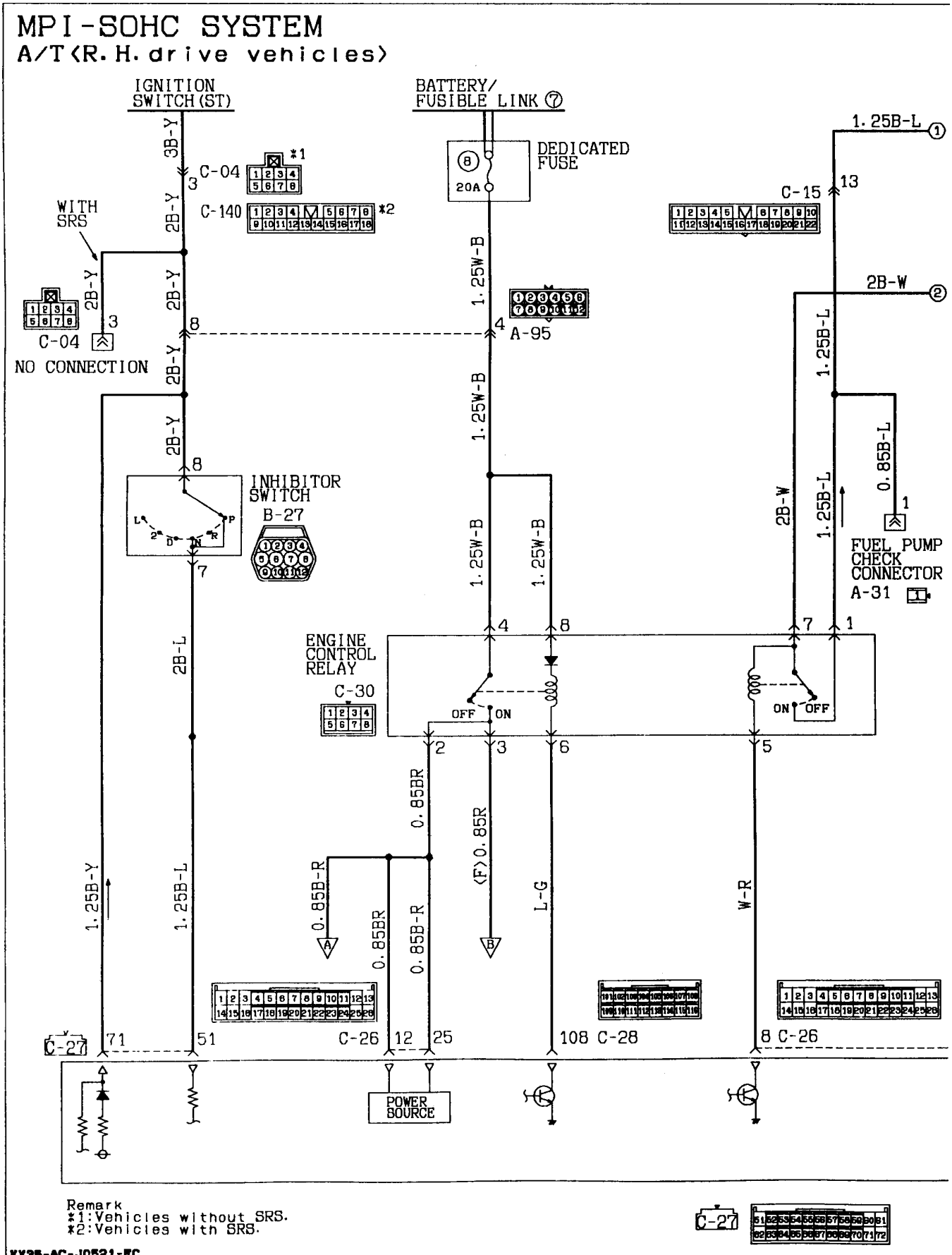
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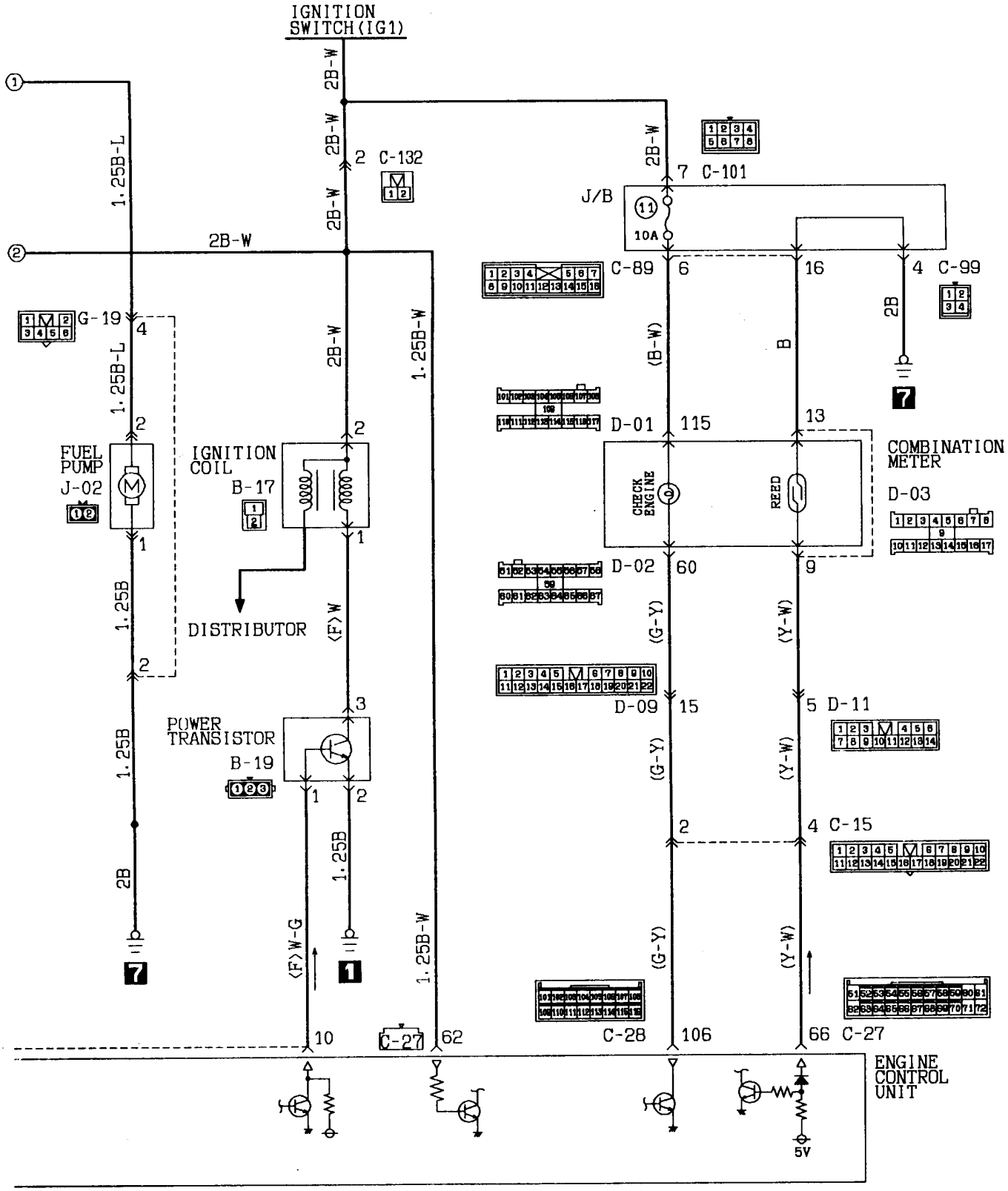
Wire colour code

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

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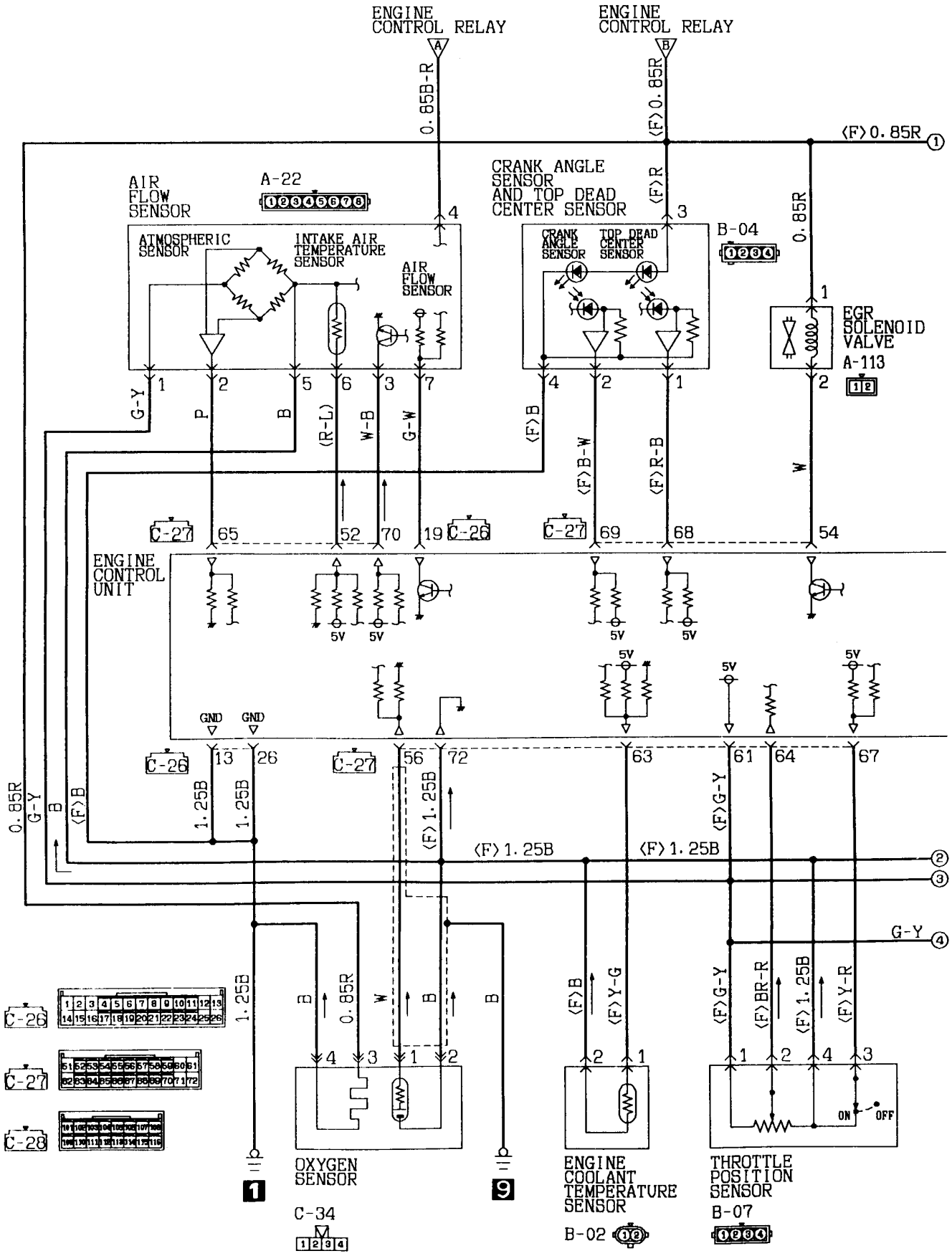
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Wire colour code

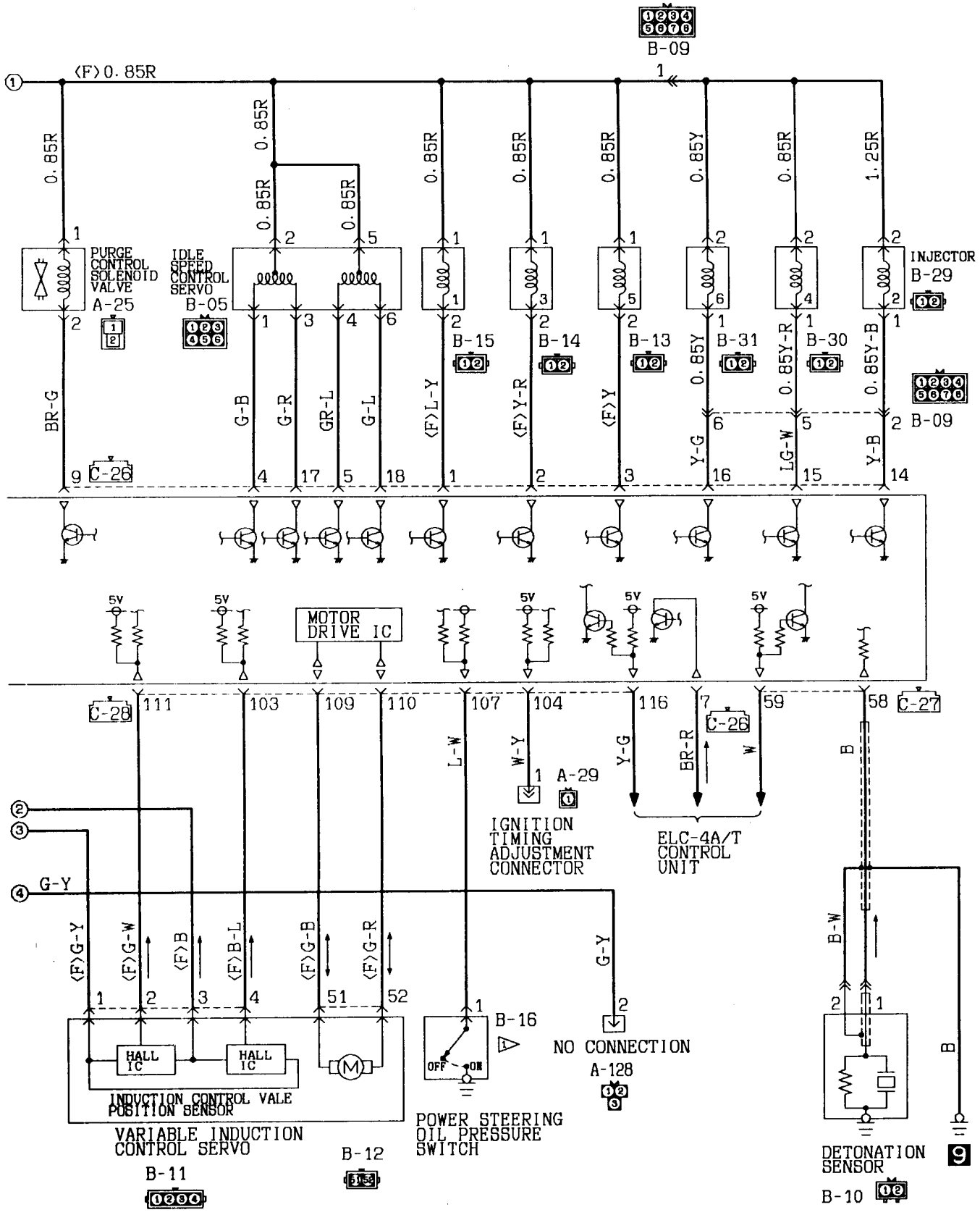
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

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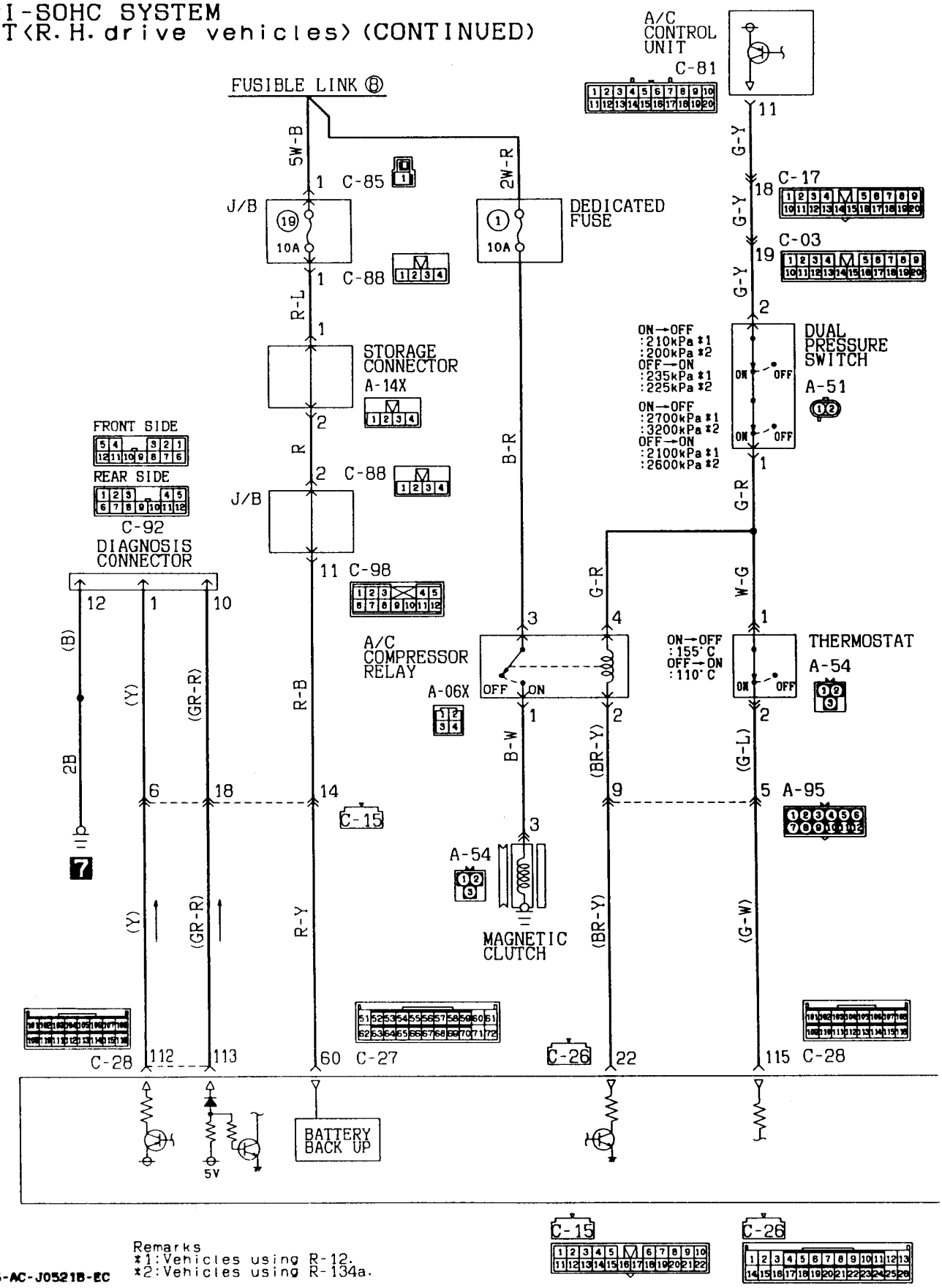
XX35-AC-J0521A-EC

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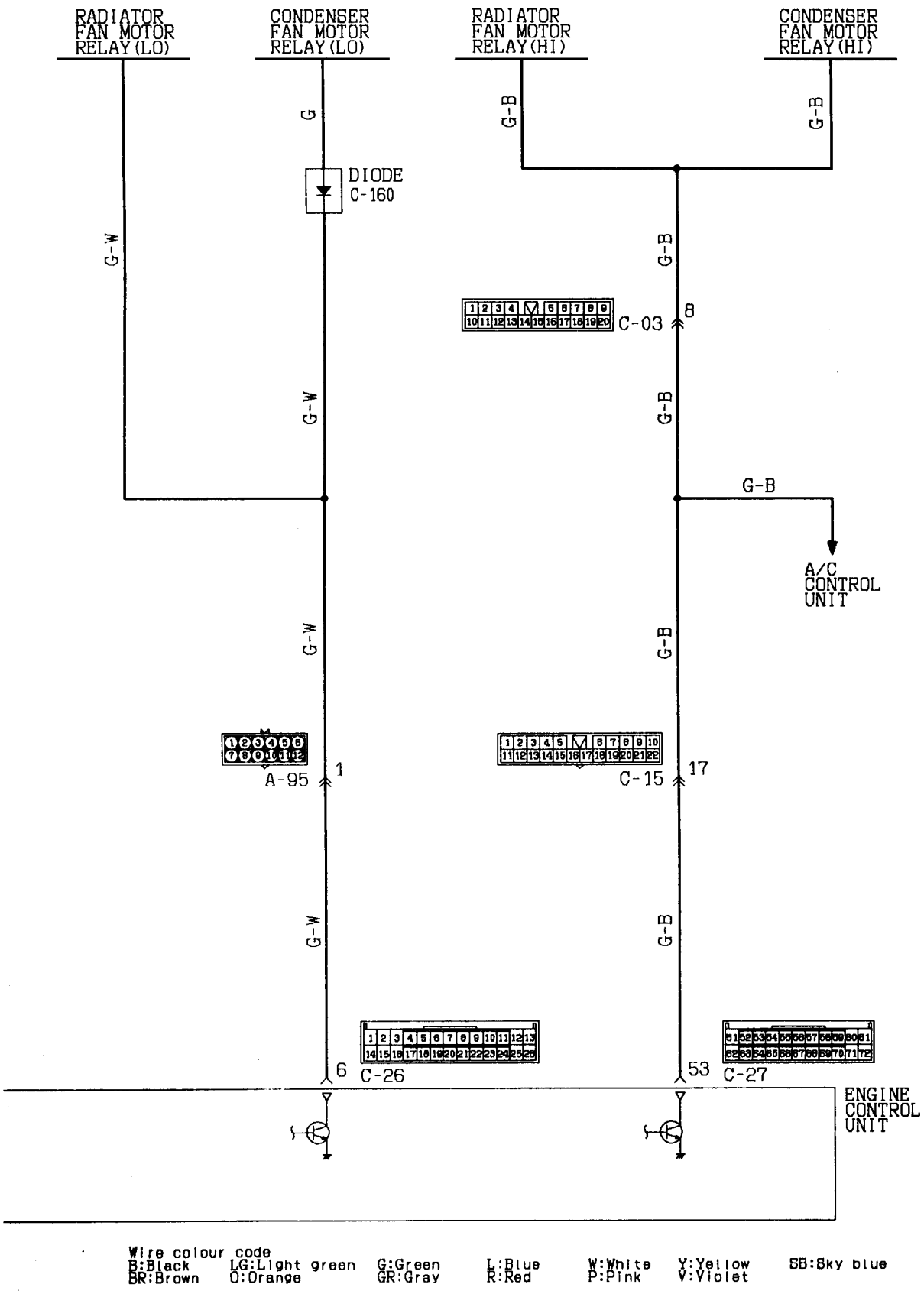
MPI-SOHC SYSTEM A/T(R.H.drive vehicles)(CONTINUED)



Remarks
*1: Vehicles using R-12.
*2: Vehicles using R-134a.

KX35-AC-J0521B-EC

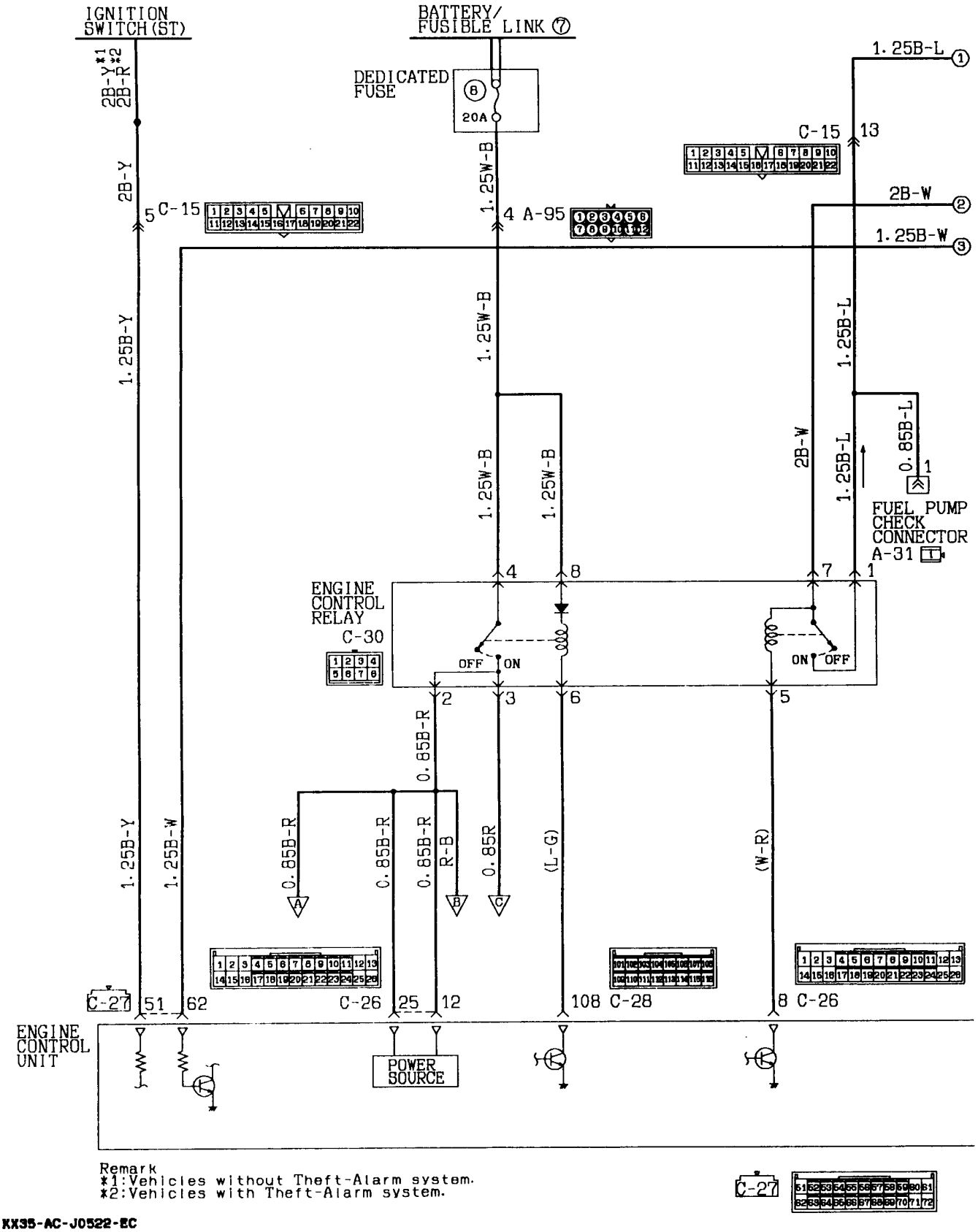
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Wire colour code

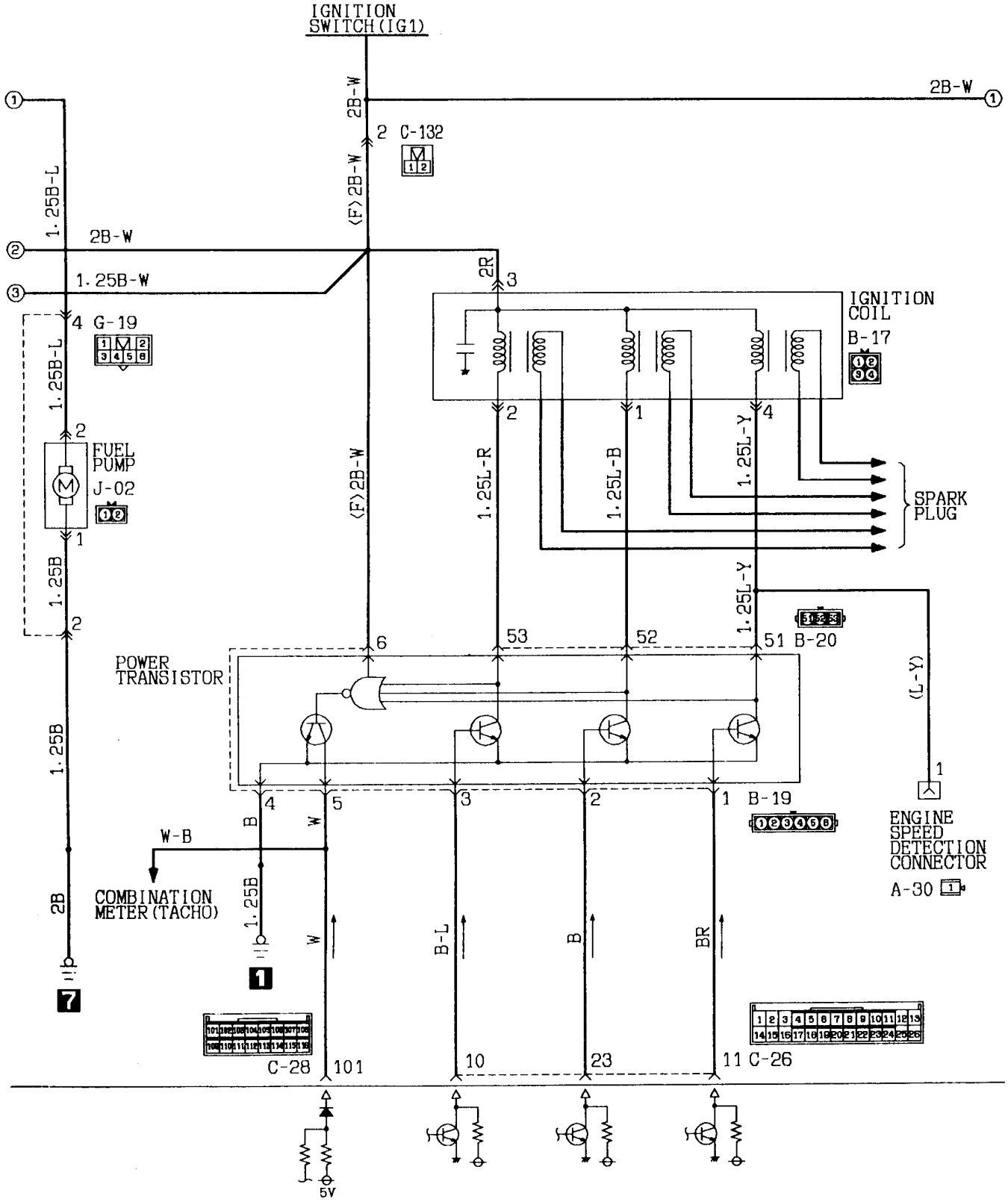
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

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KX35-AC-J0522-EC

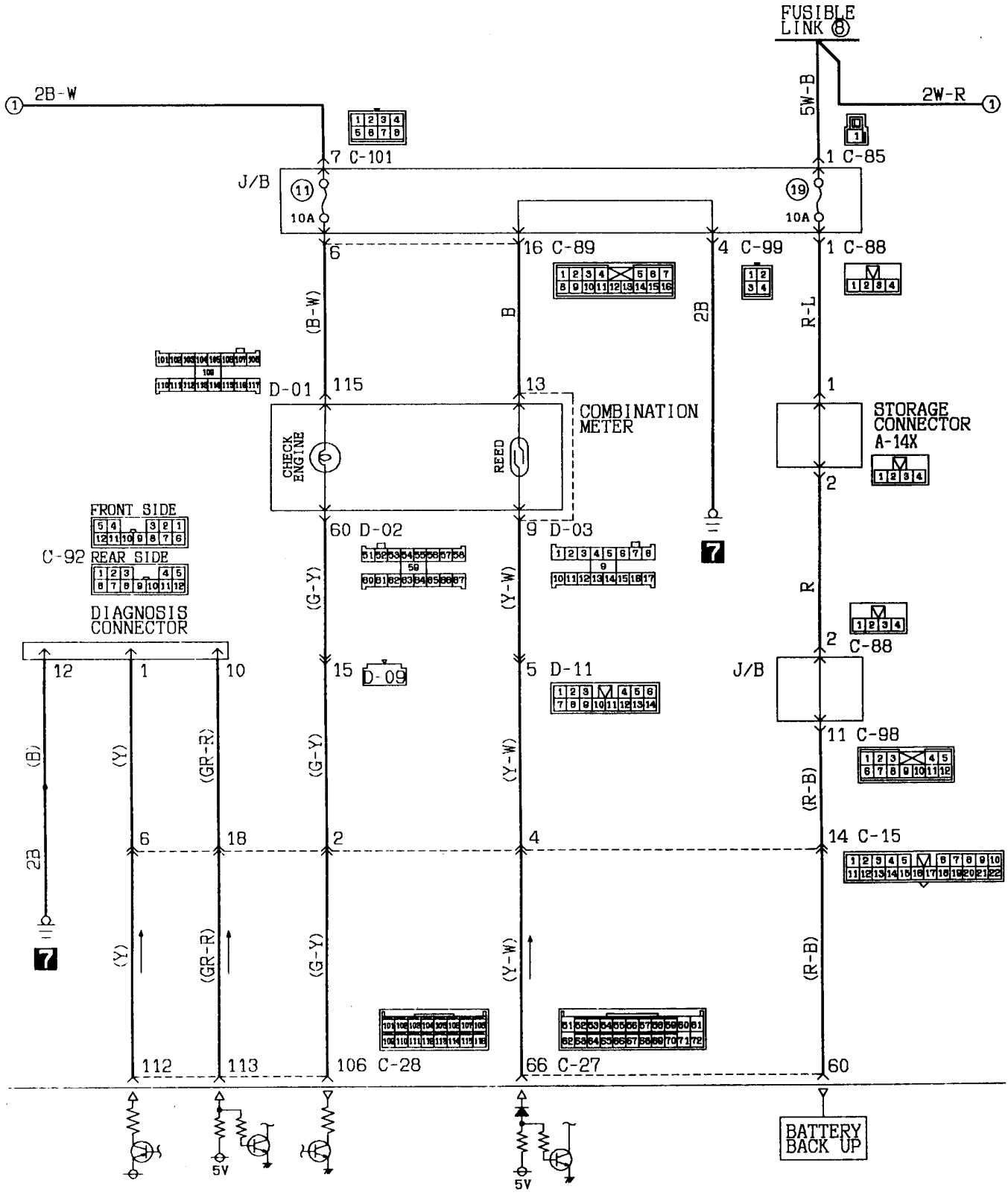
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Wire colour code

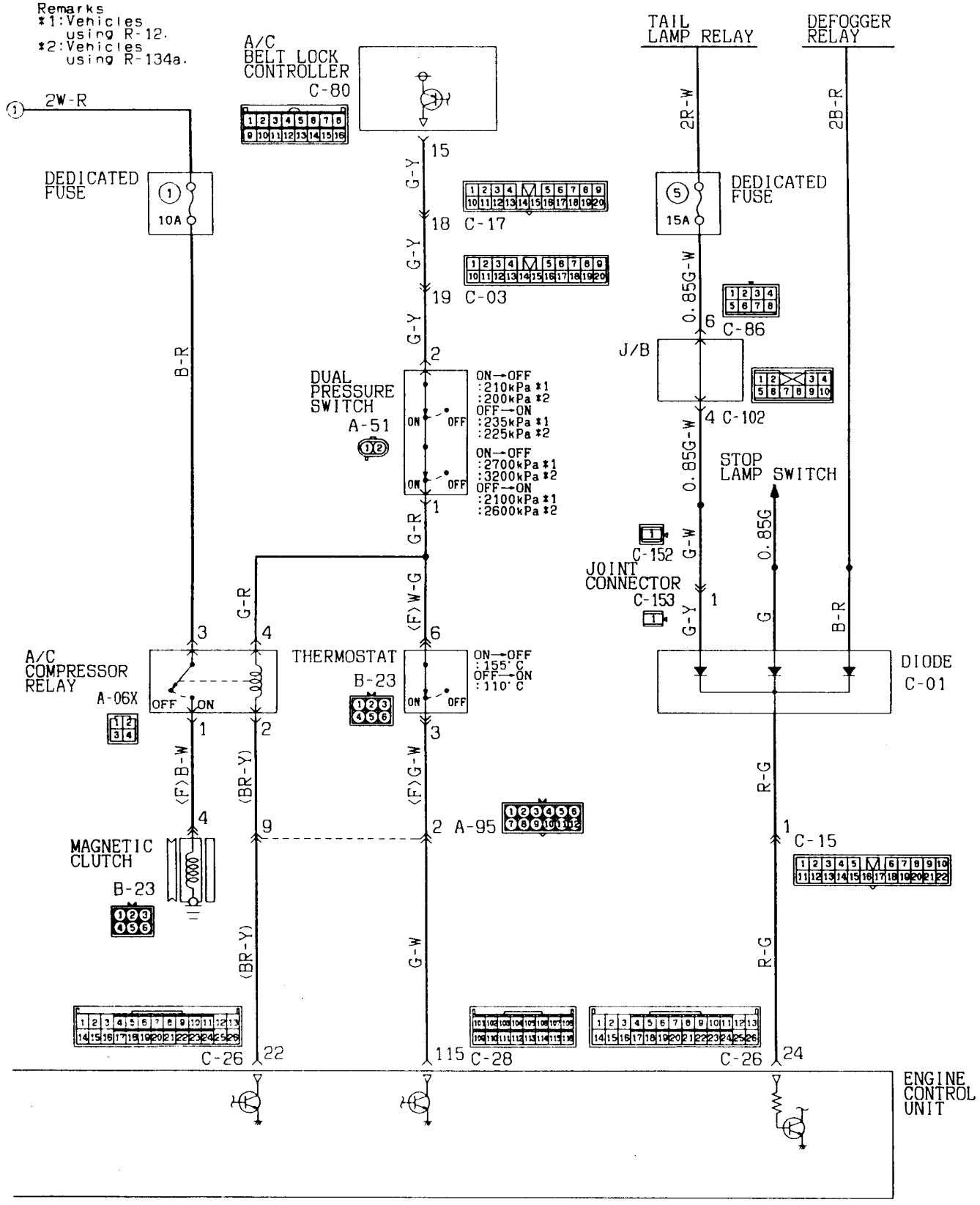
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

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KX35-AC-J0522A-EC

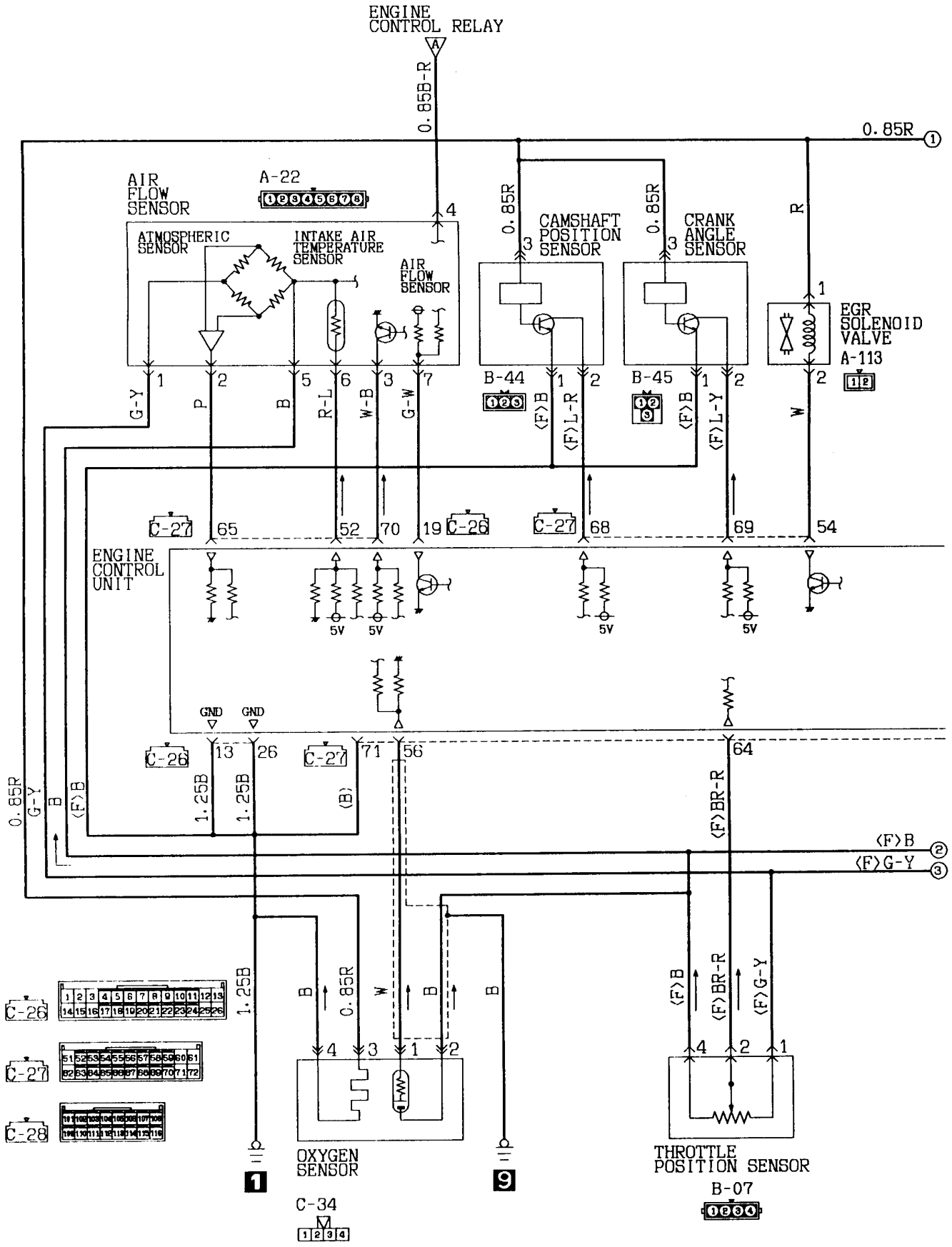
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Wire colour code

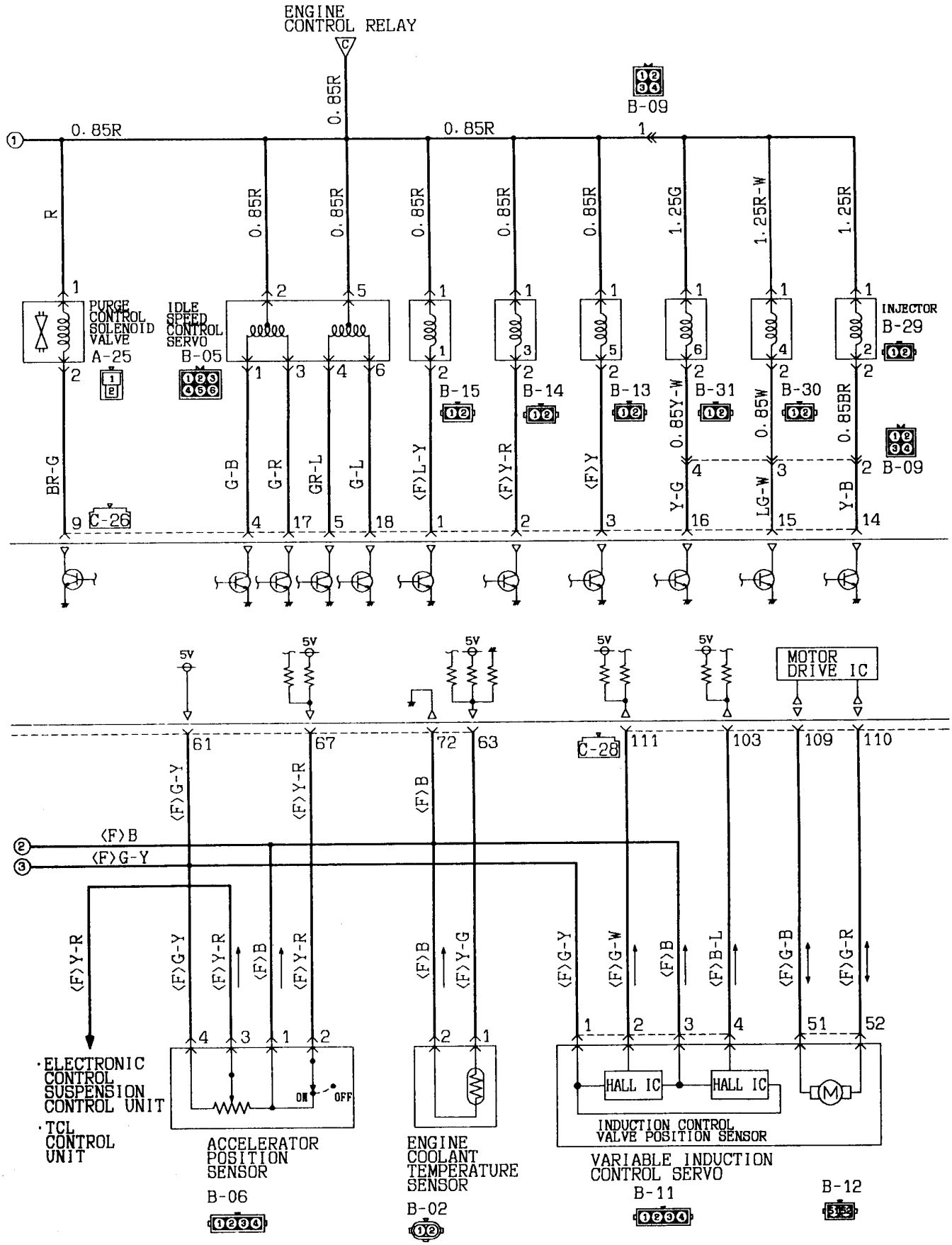
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BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

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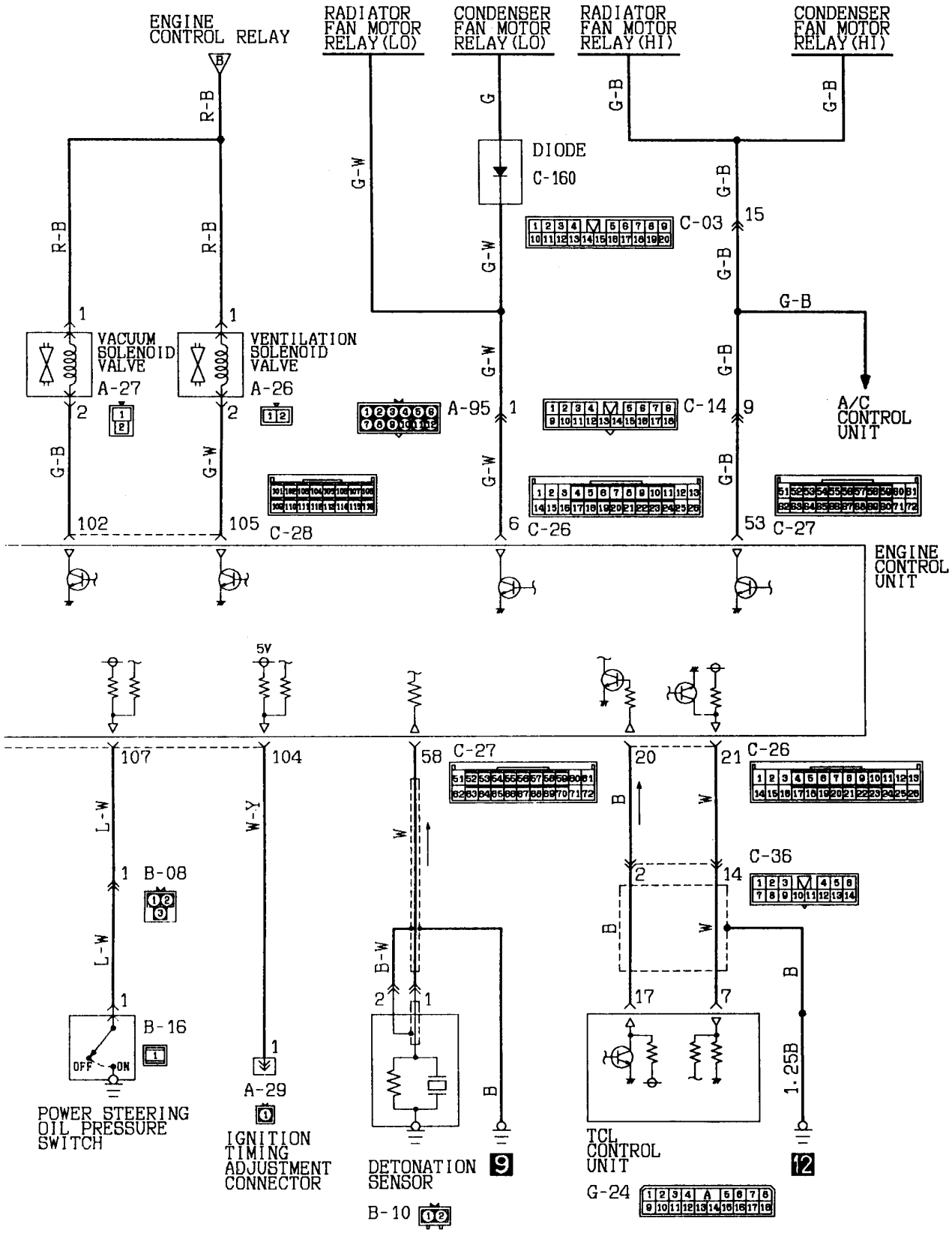


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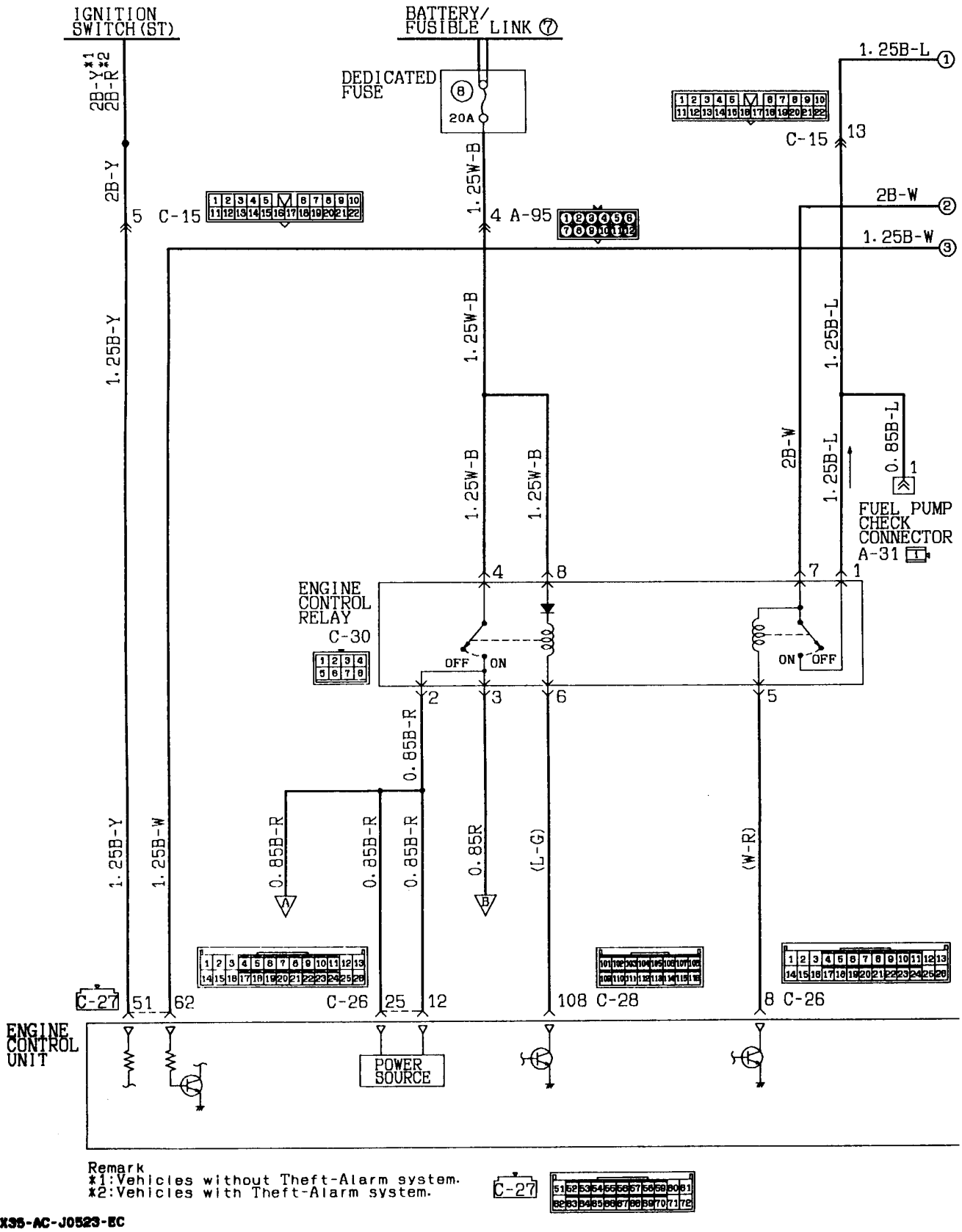


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MPI-DOHC SYSTEM

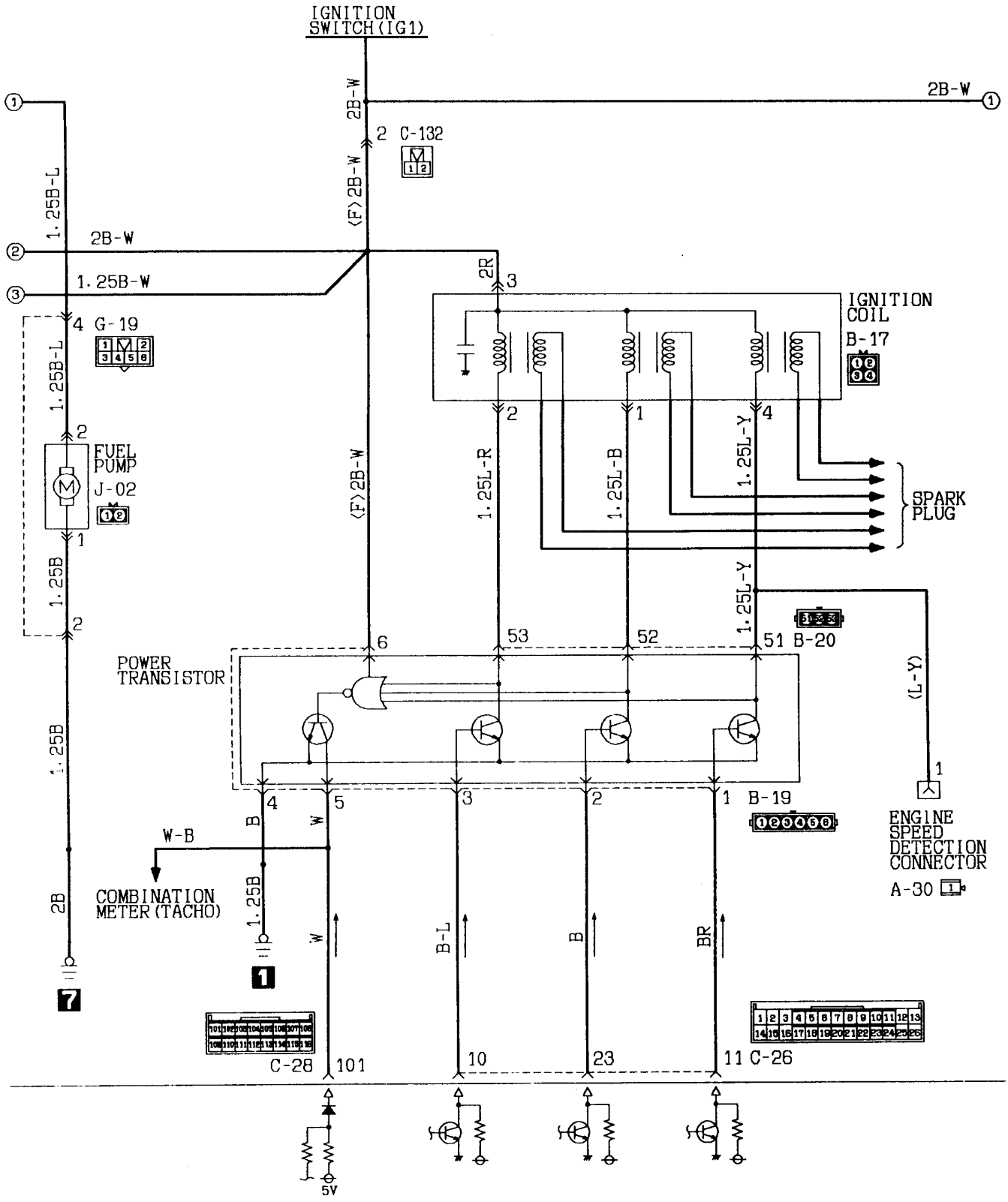
M/T〈L.H.drive vehicles without TCL〉



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

KX35-AC-J0523-EC

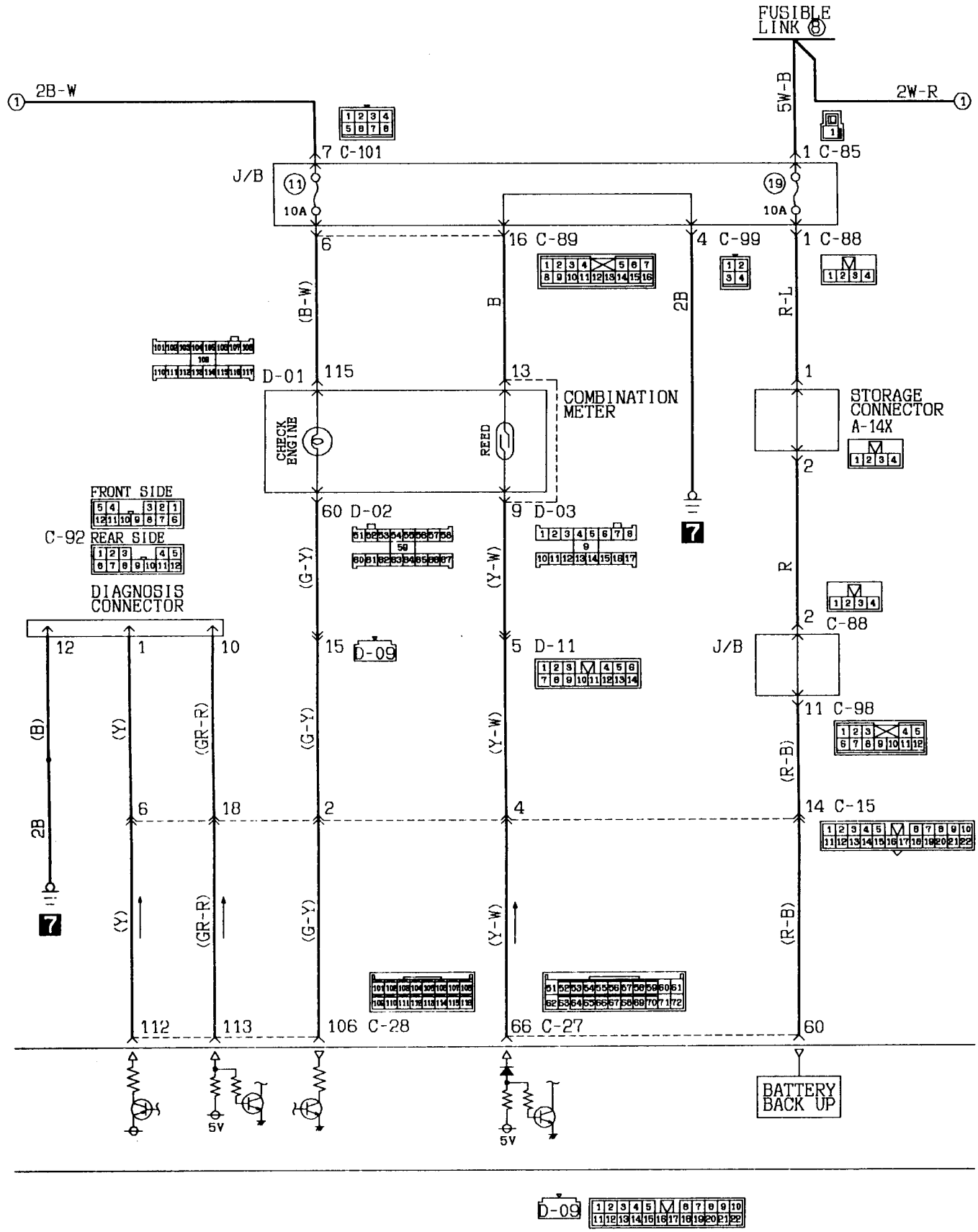
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Wire colour code

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

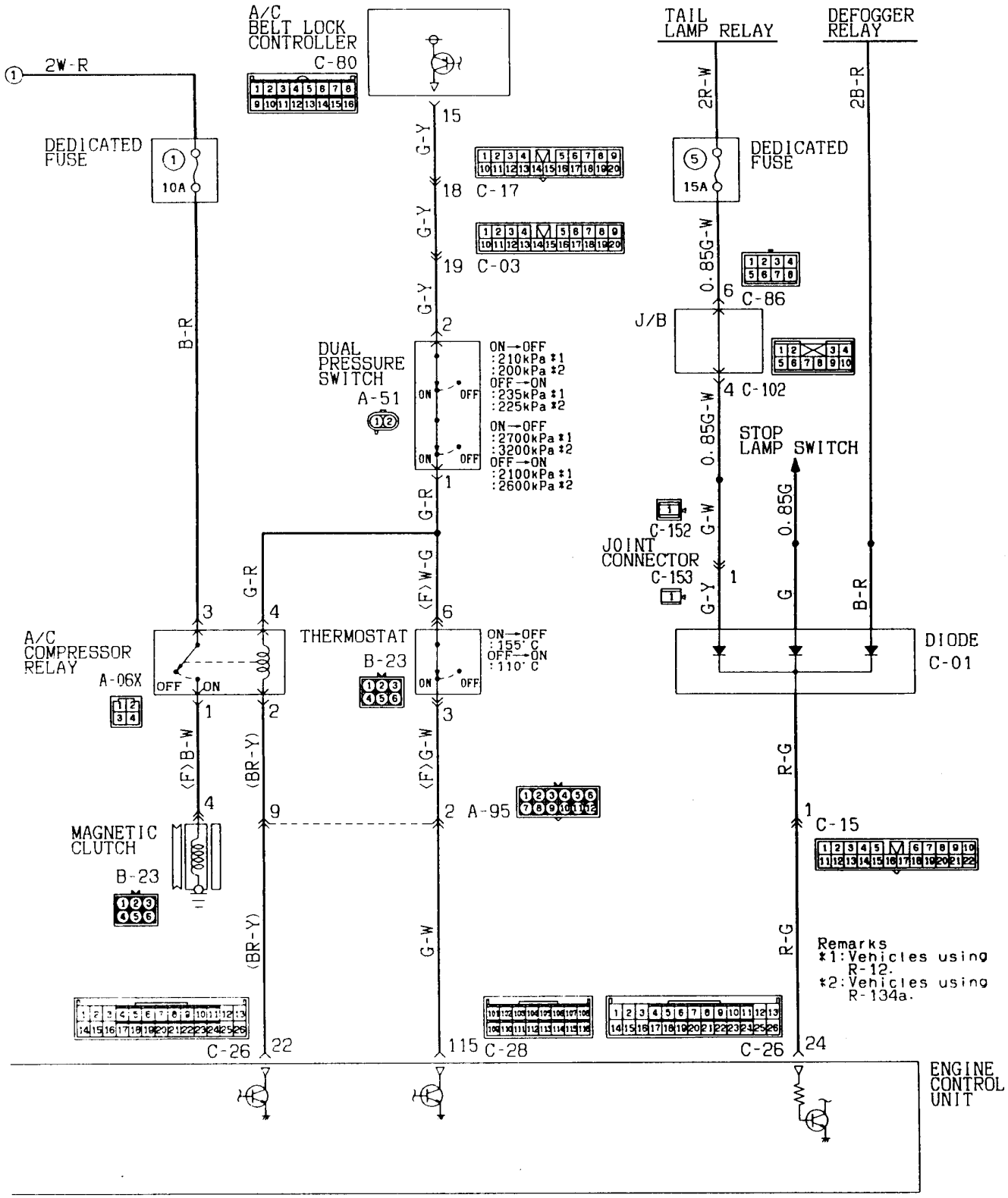
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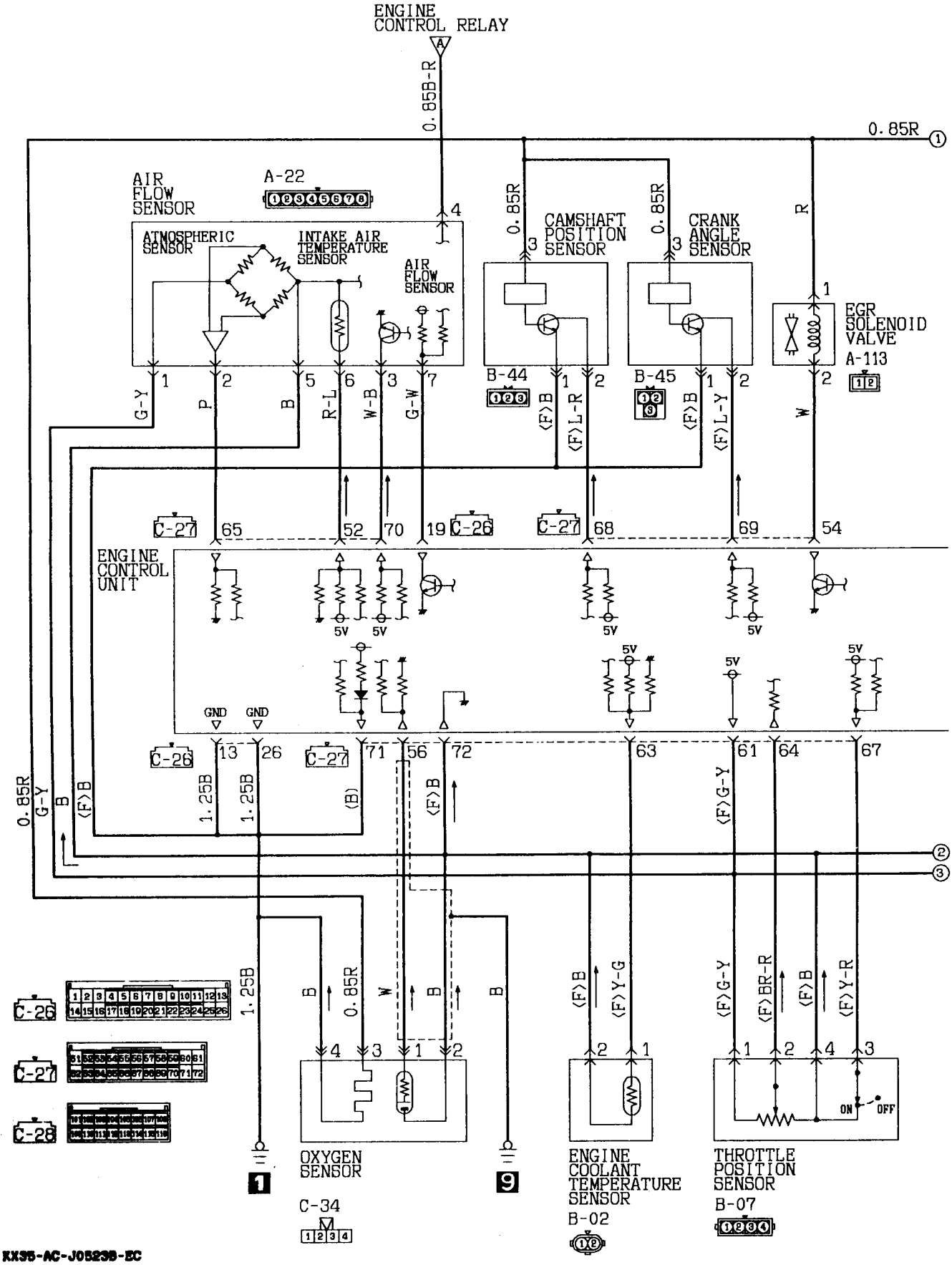
MPI-DOHC SYSTEM
M/T(L.H.drive vehicles without TCL) (CONTINUED)



Wire colour code

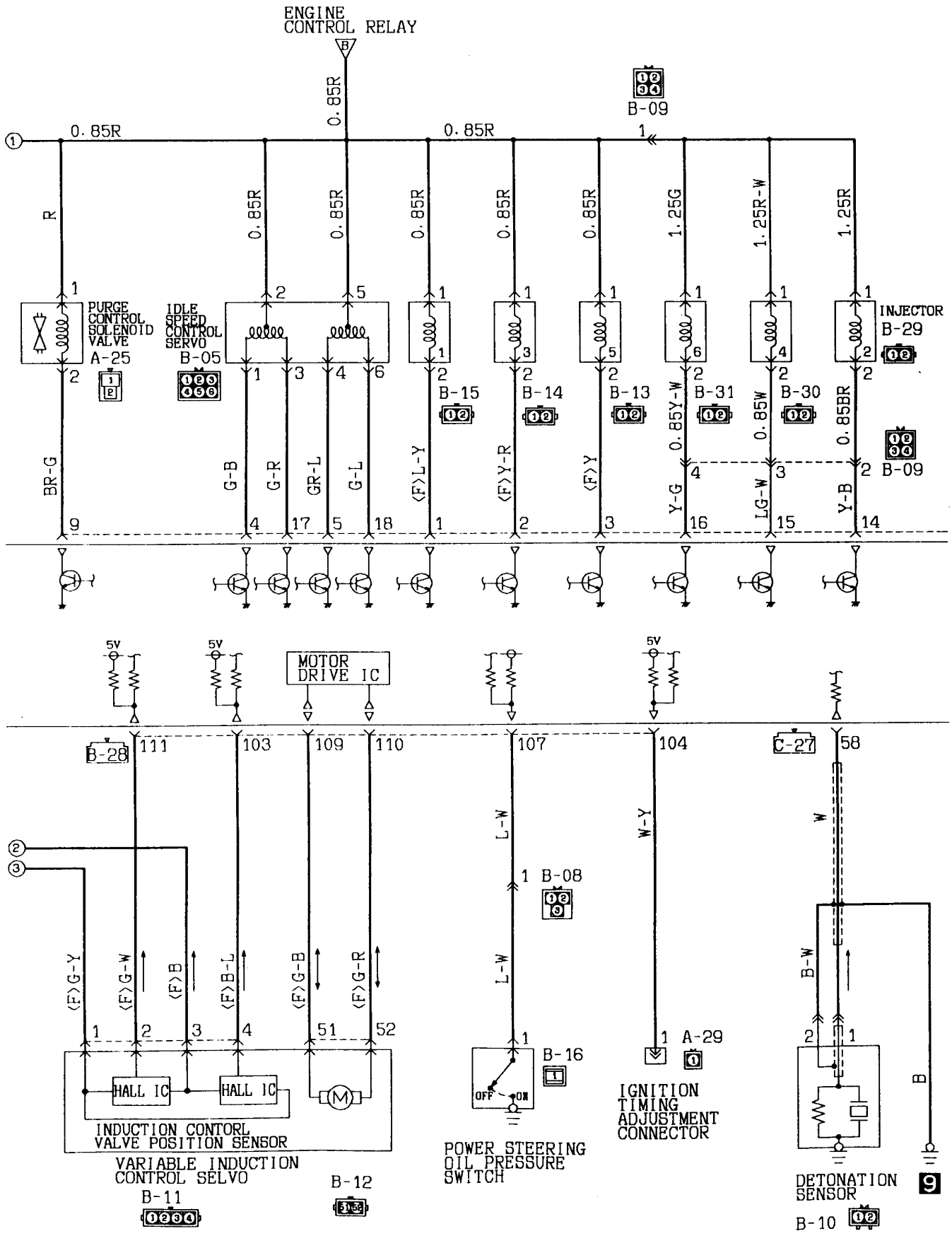
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BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

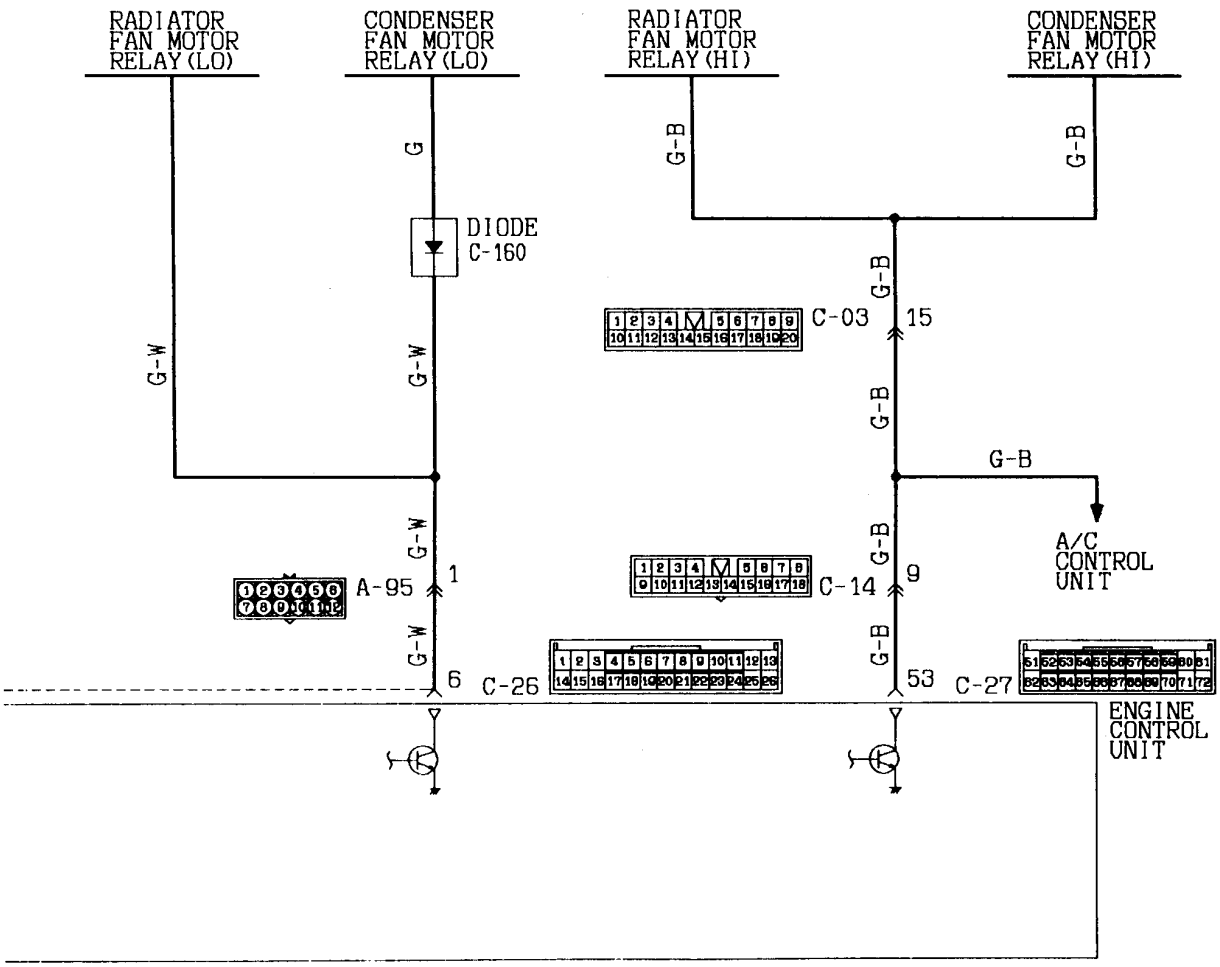
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XX35-AC-J05230-EC

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ENGINE CONTROL RELAY
B-09
PURGE CONTROL SOLENOID VALVE
A-25
IDLE SPEED CONTROL SERVO
B-05
INJECTOR
B-29
B-15
B-14
B-13
B-31
B-30
B-09
MOTOR DRIVE IC
B-28
C-27
HALL IC
HALL IC
INDUCTION CONTORL VALVE POSITION SENSOR
VARIABLE INDUCTION CONTROL SELVO
B-11
B-12
B-08
B-16
POWER STEERING OIL PRESSURE SWITCH
A-29
IGNITION TIMING ADJUSTMENT CONNECTOR
DETONATION SENSOR
B-10



Wire colour code

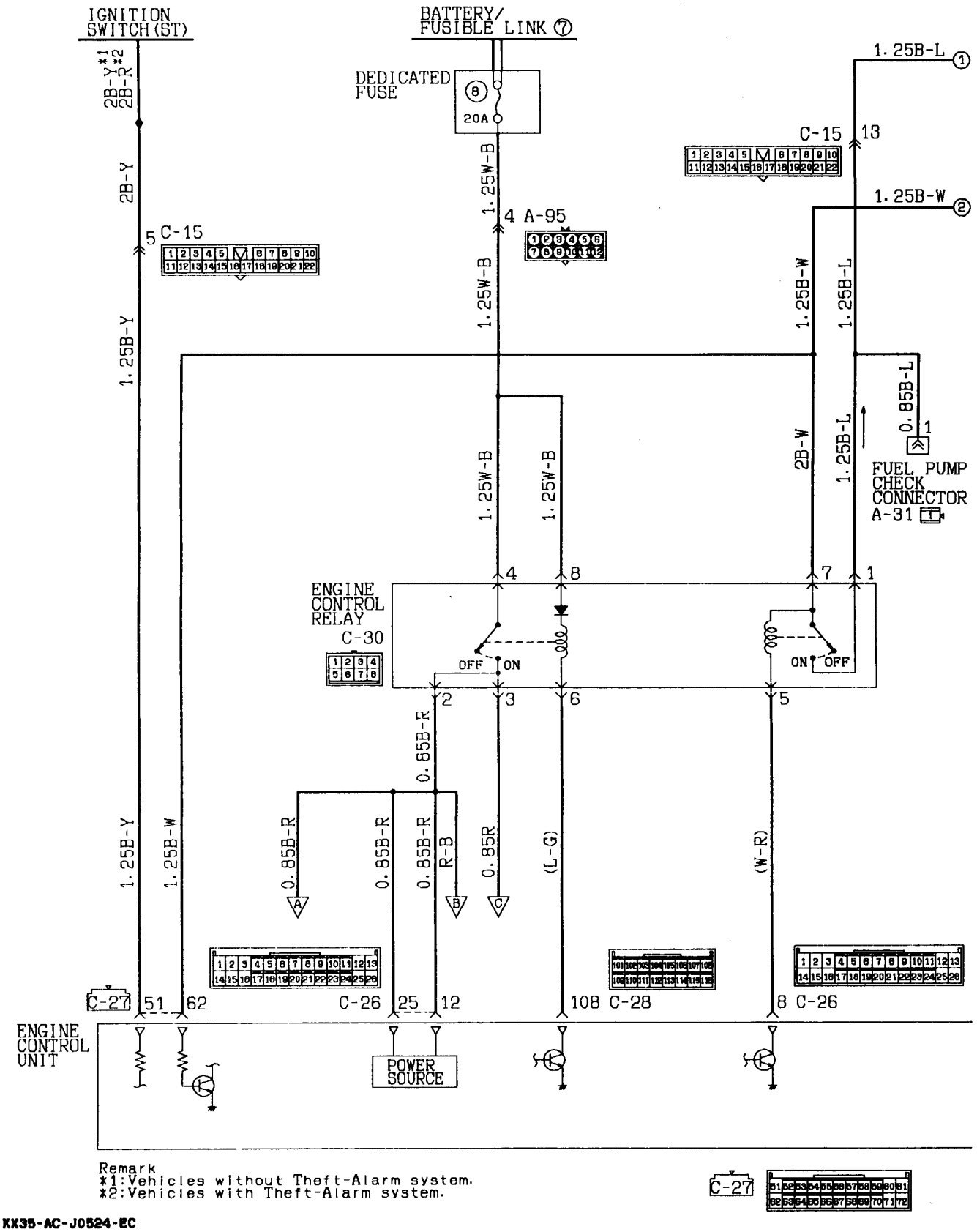
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BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

KX35-AC-J0523C-EC

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MPI-DOHC SYSTEM

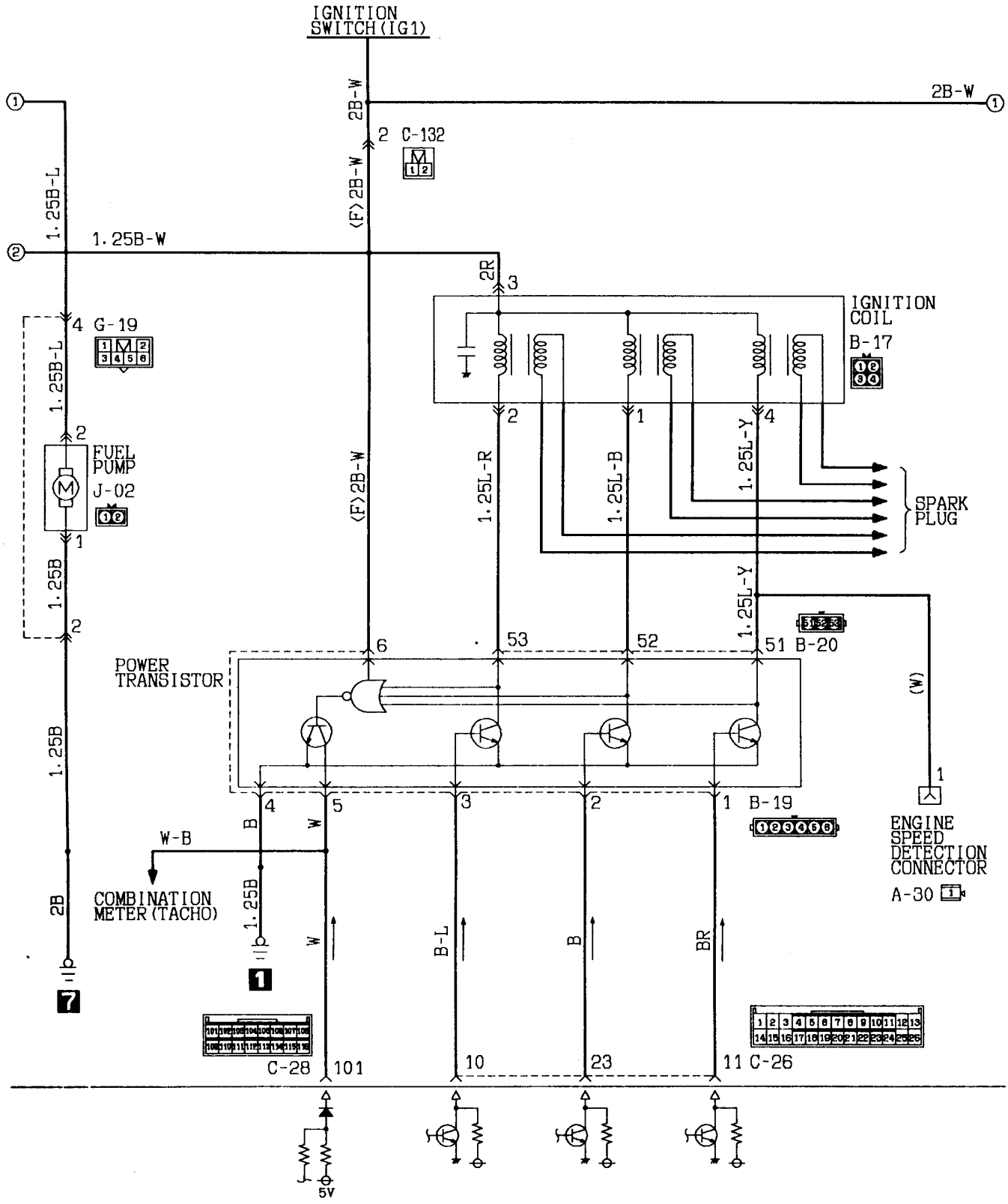
M/T<R.H. drive vehicles with TCL>



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

XX35-AC-J0524-EC

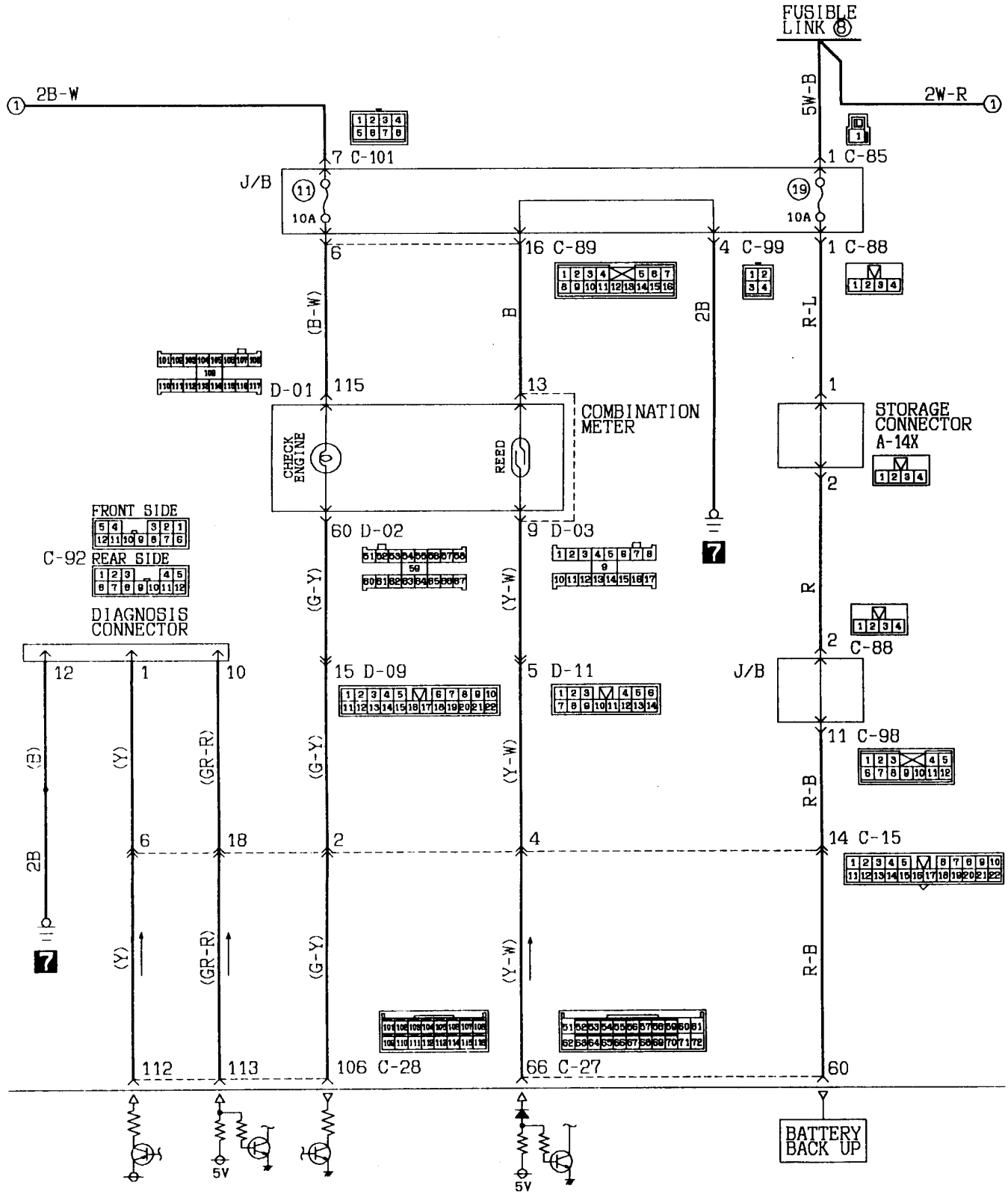
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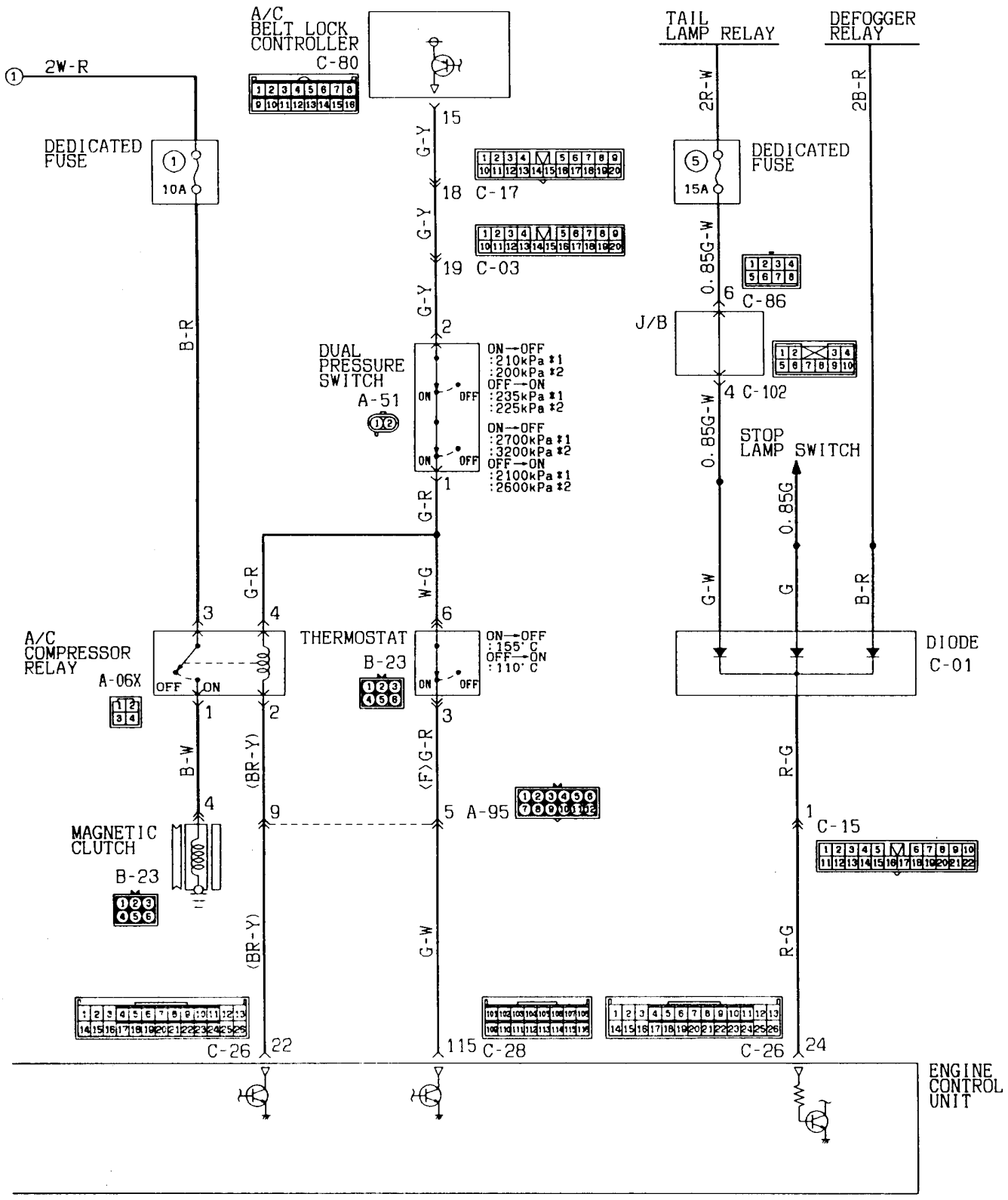
Wire colour code

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

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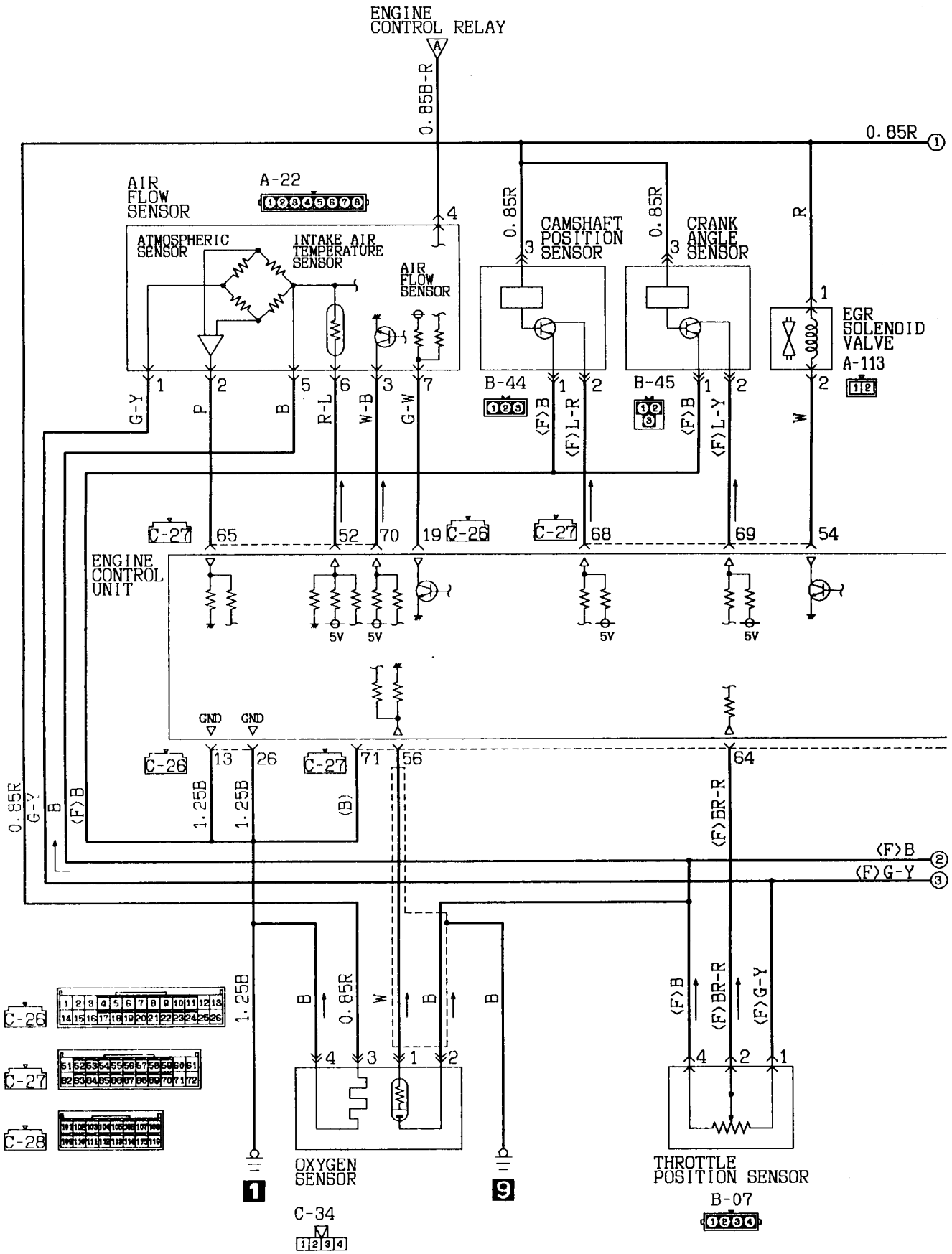
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Wire colour code

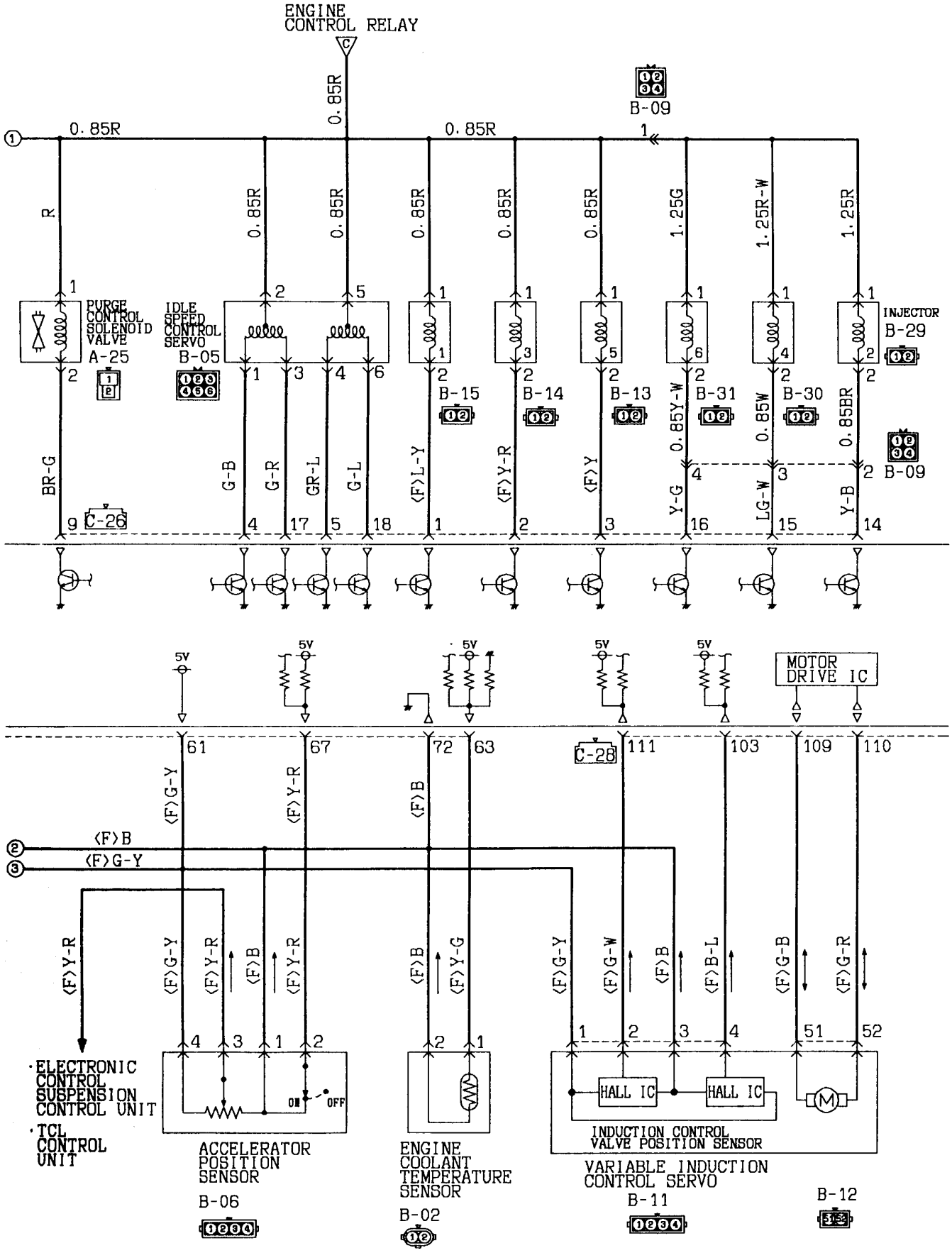
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

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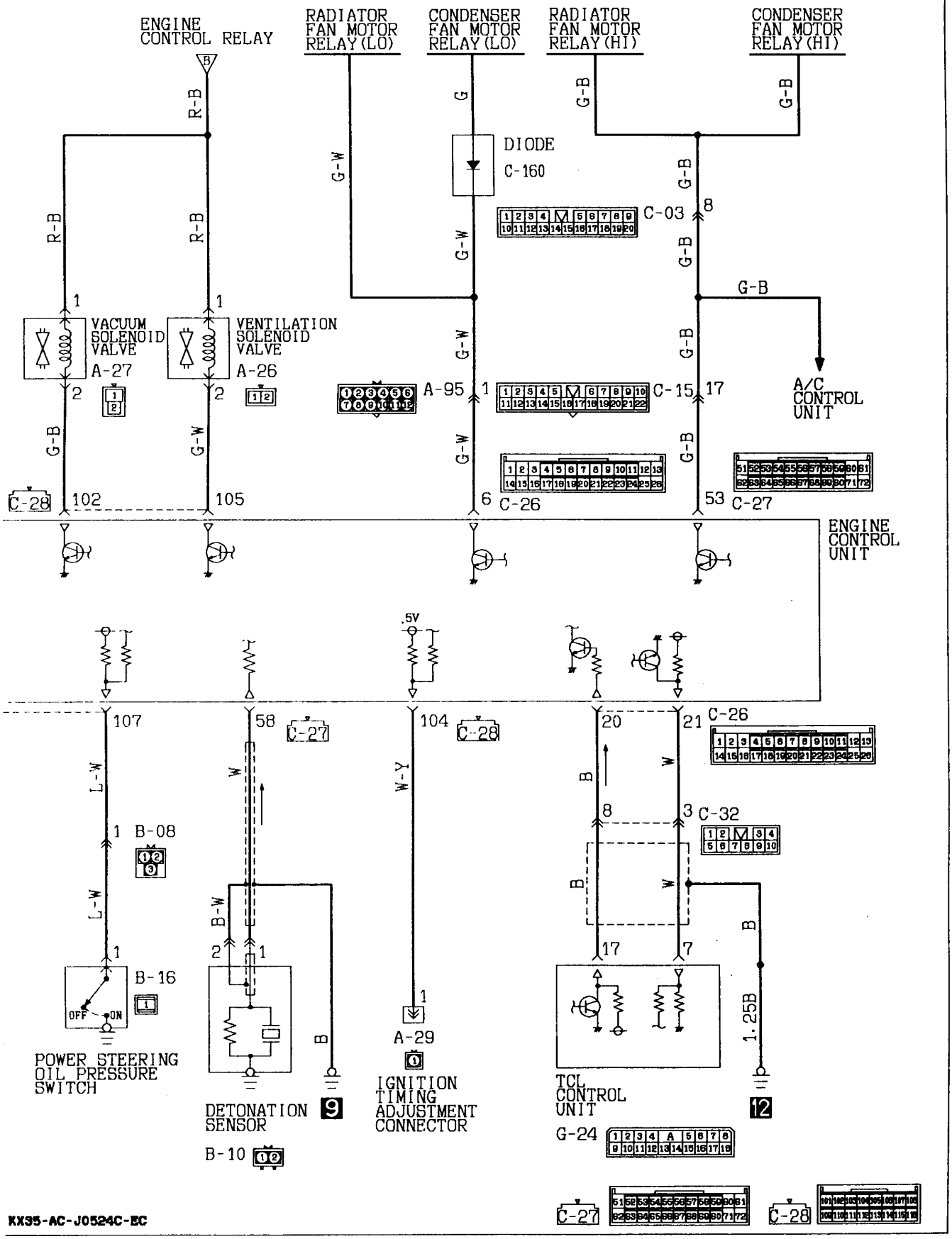


XX35-AC-J0524B-EC

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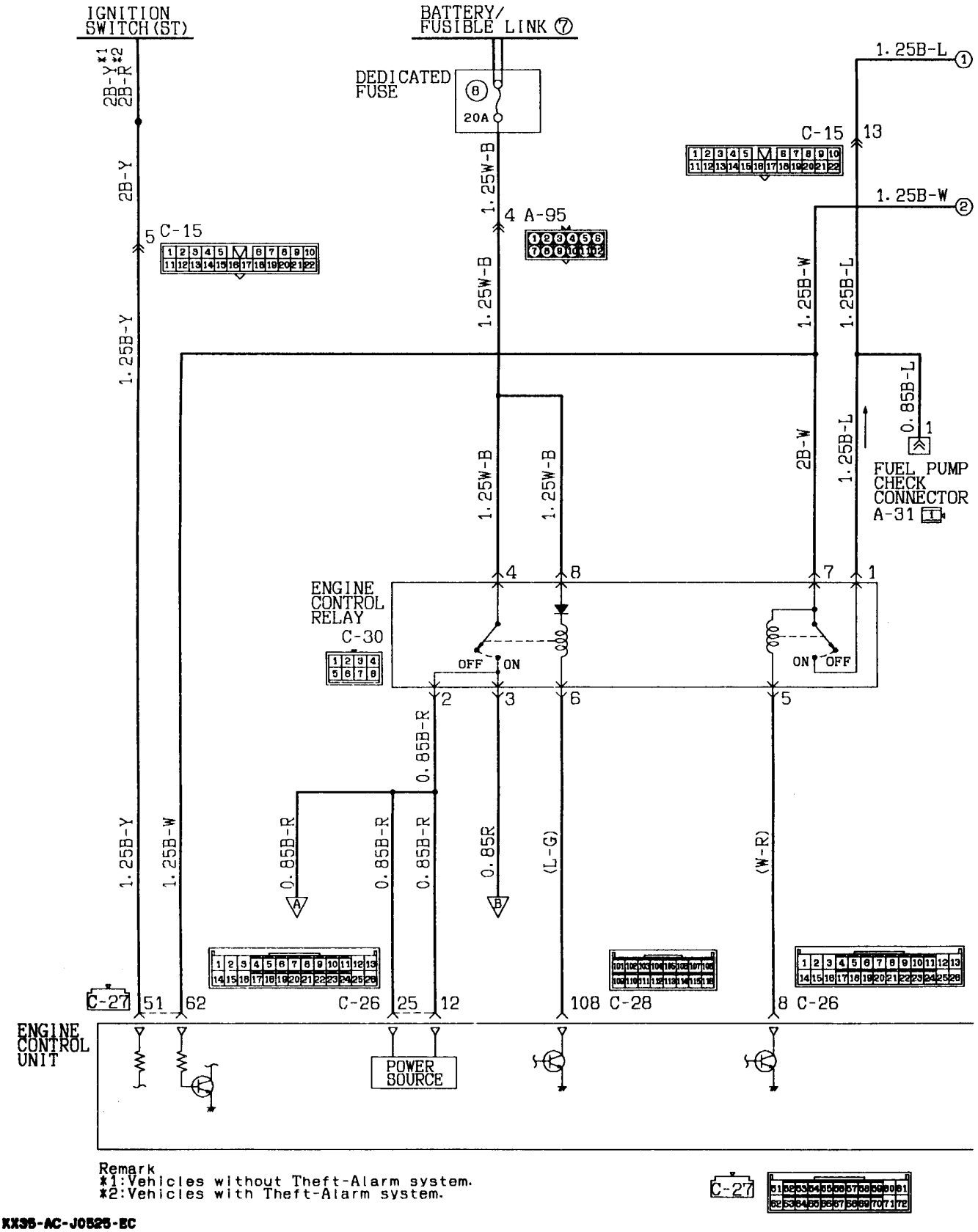


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MPI-DOHC SYSTEM

M/T〈R.H.drive vehicles without TCL〉

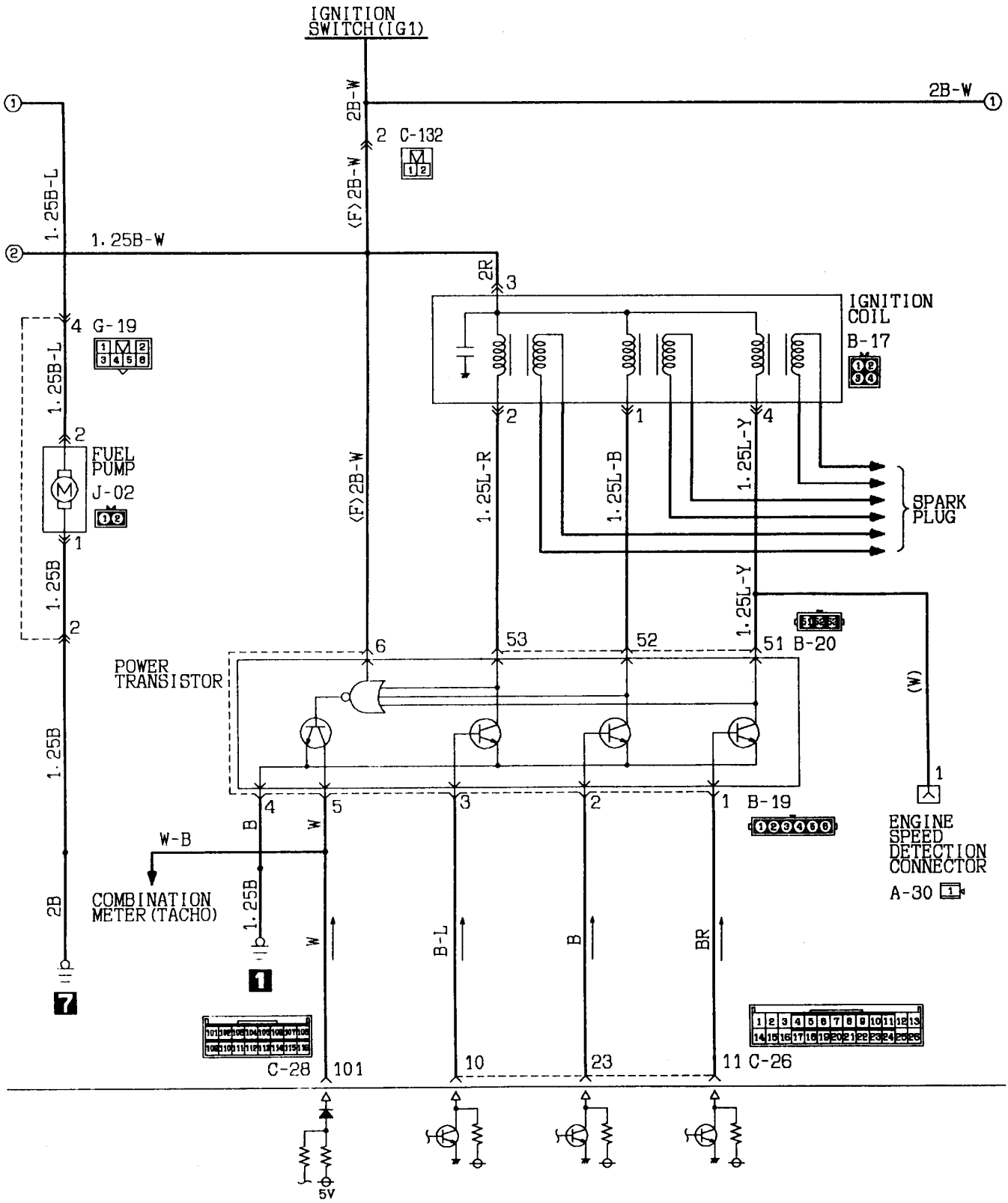


Remark
*1:Vehicles without Theft-Alarm system.
*2:Vehicles with Theft-Alarm system.

C-27

KX36-AC-J0525-EC

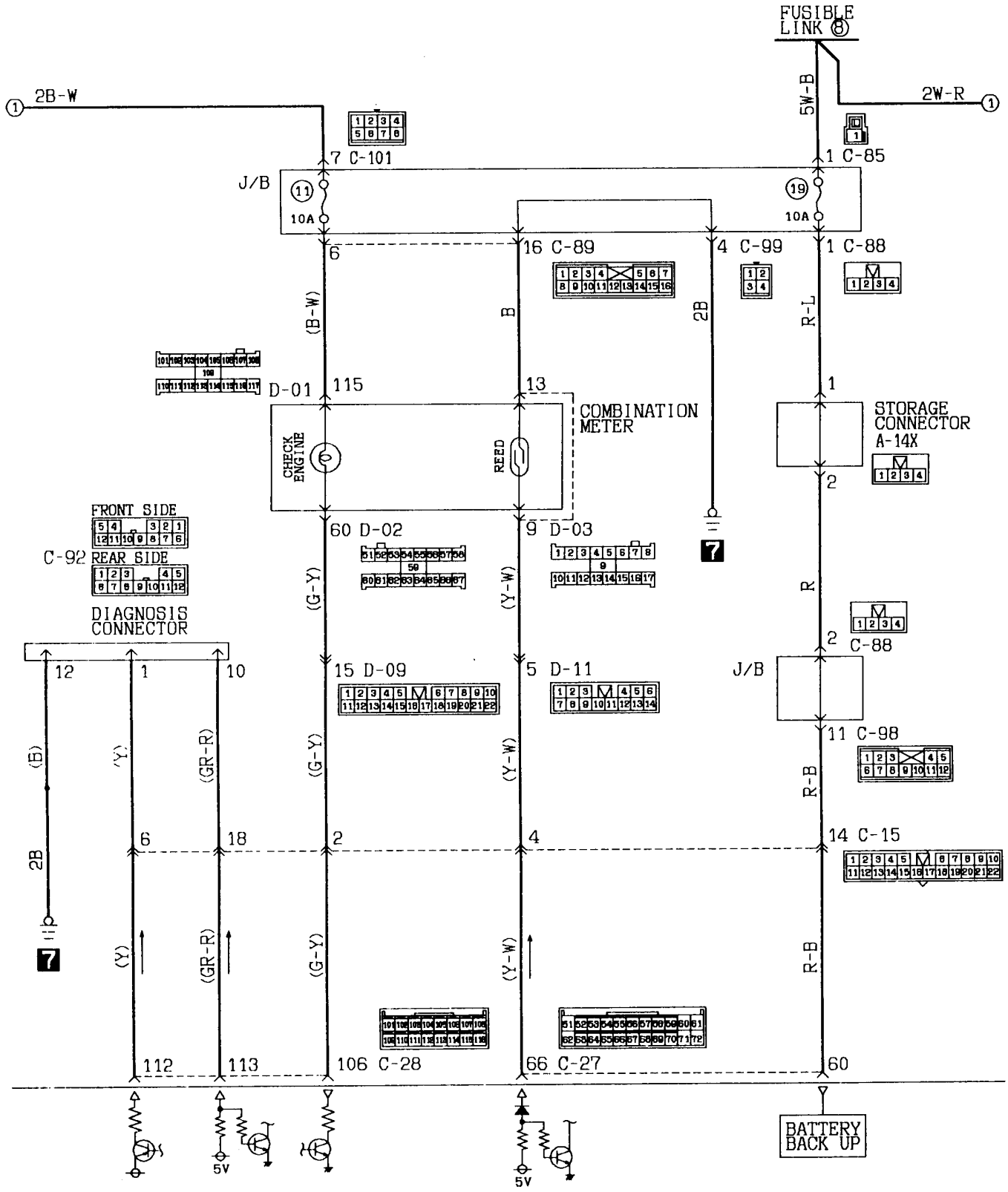
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Wire colour code

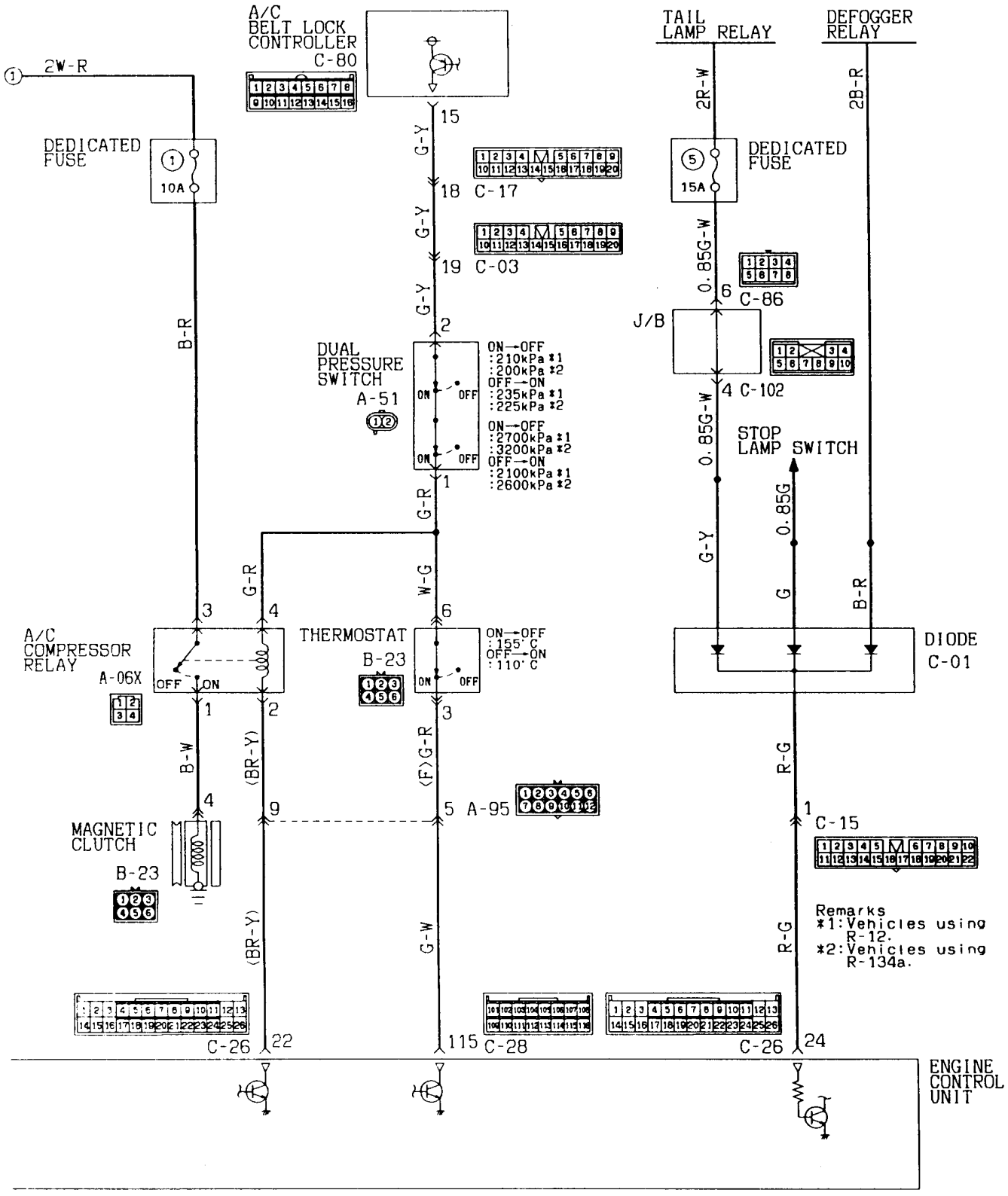
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

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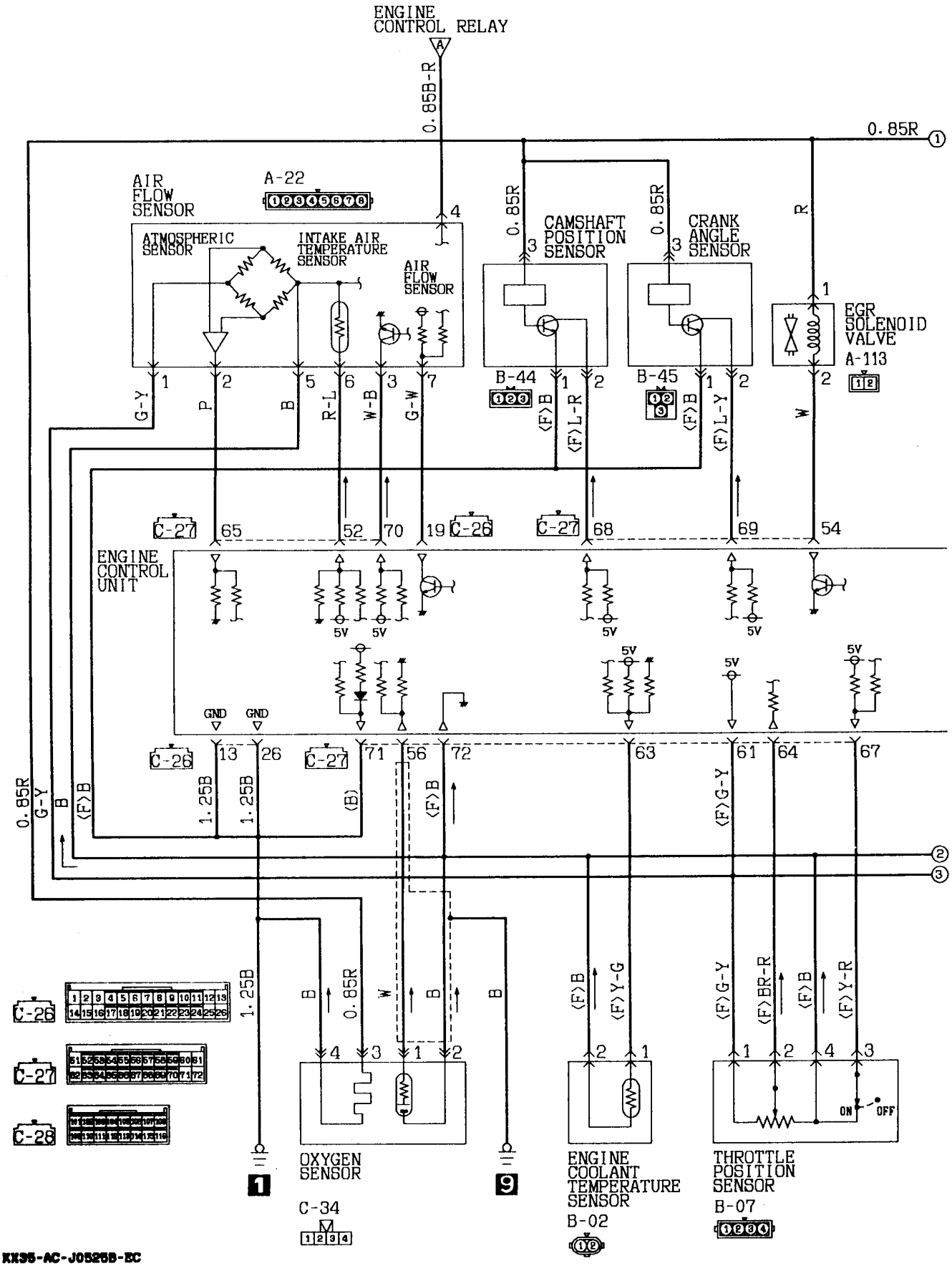
MPI-DOHC SYSTEM
M/T(R.H.drive vehicles without TCL)(CONTINUED)



Wire colour code

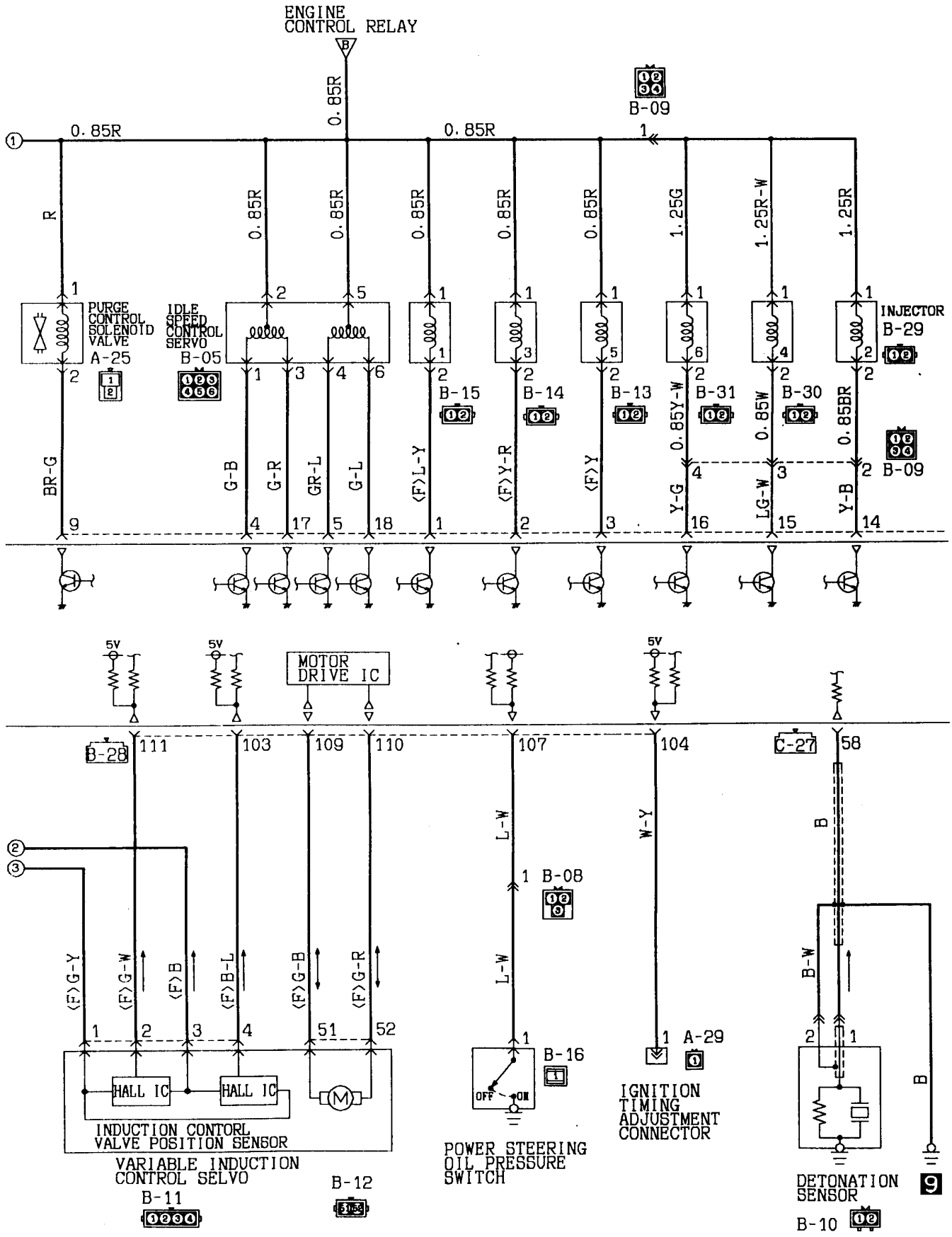
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

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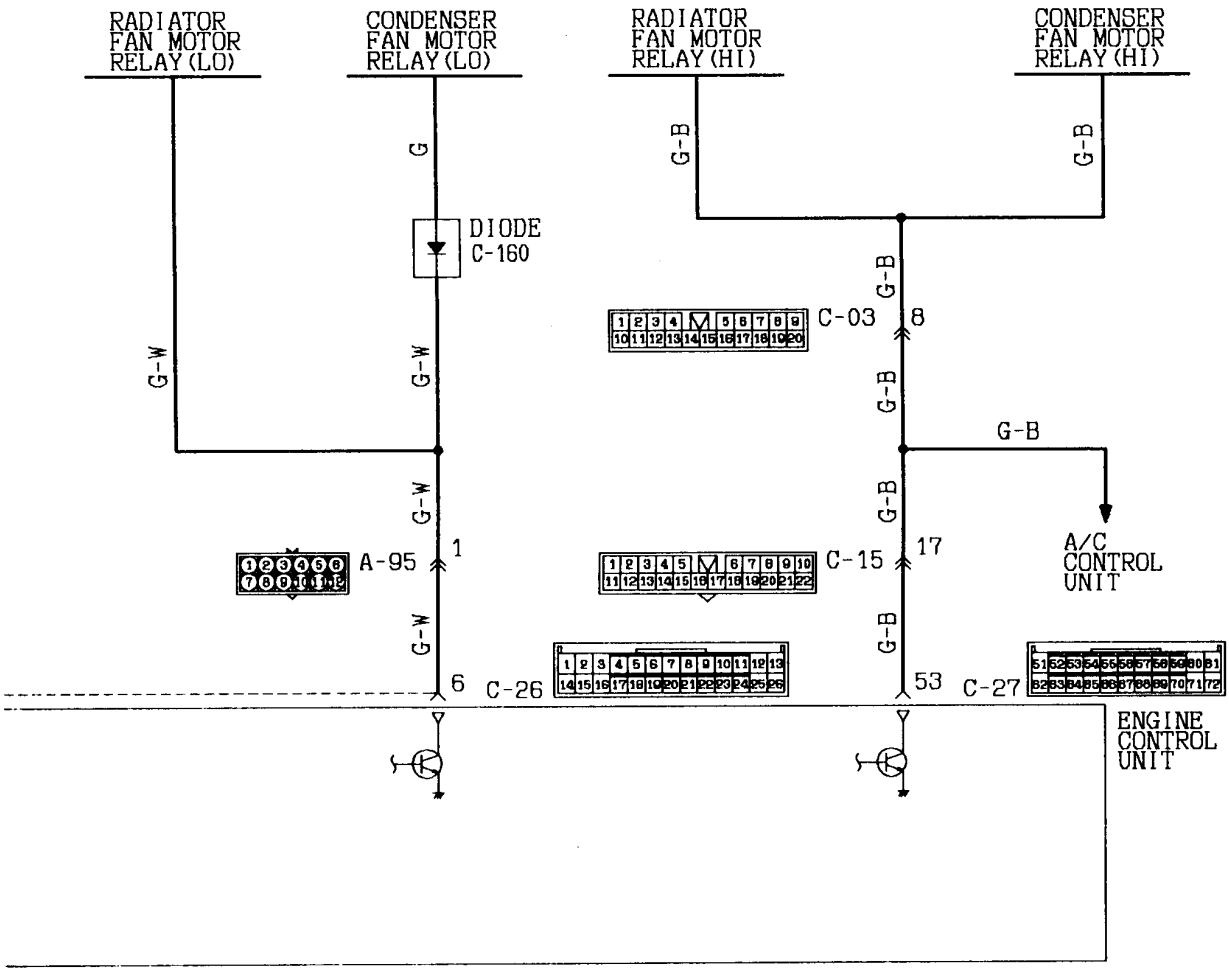


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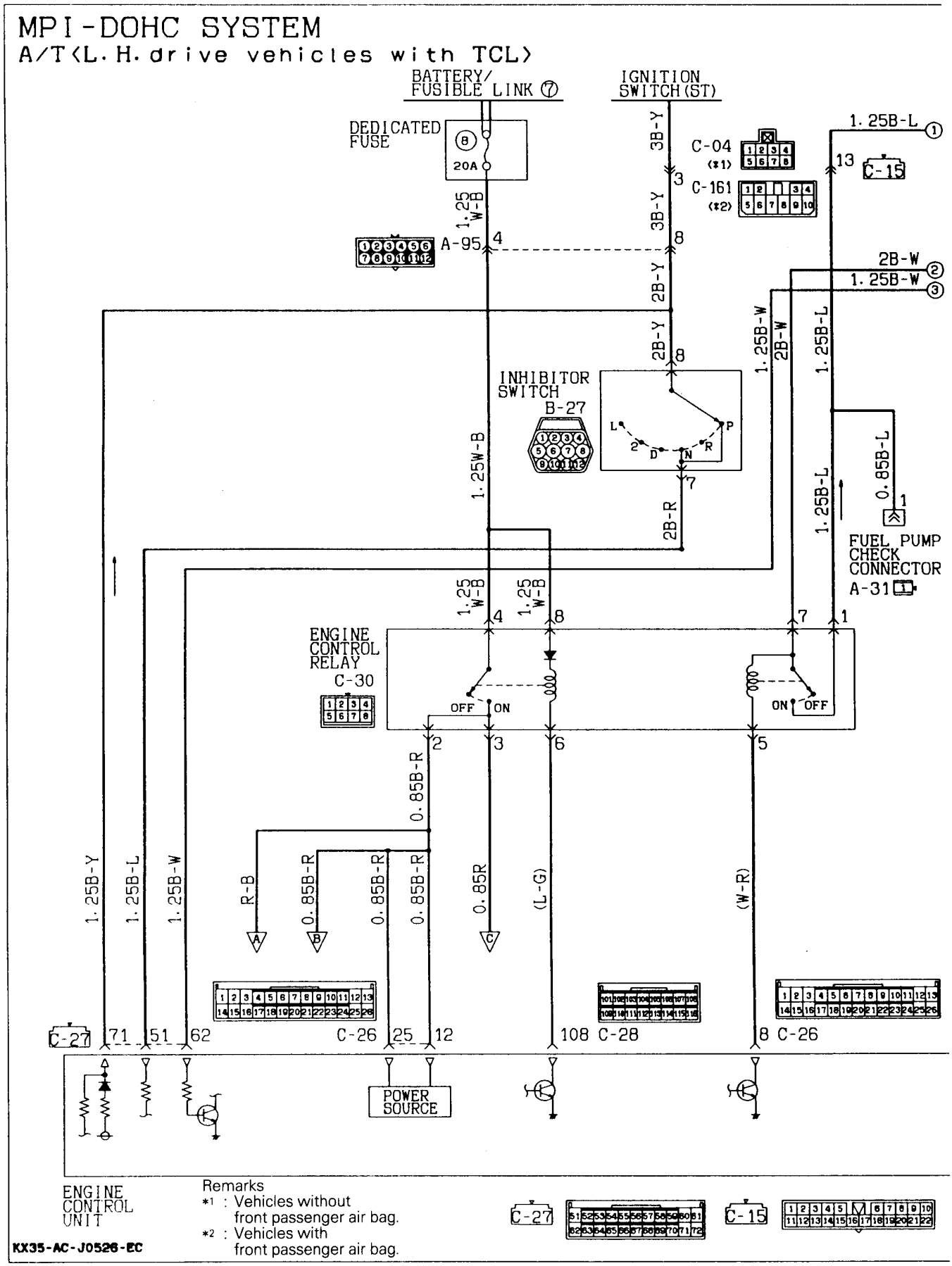


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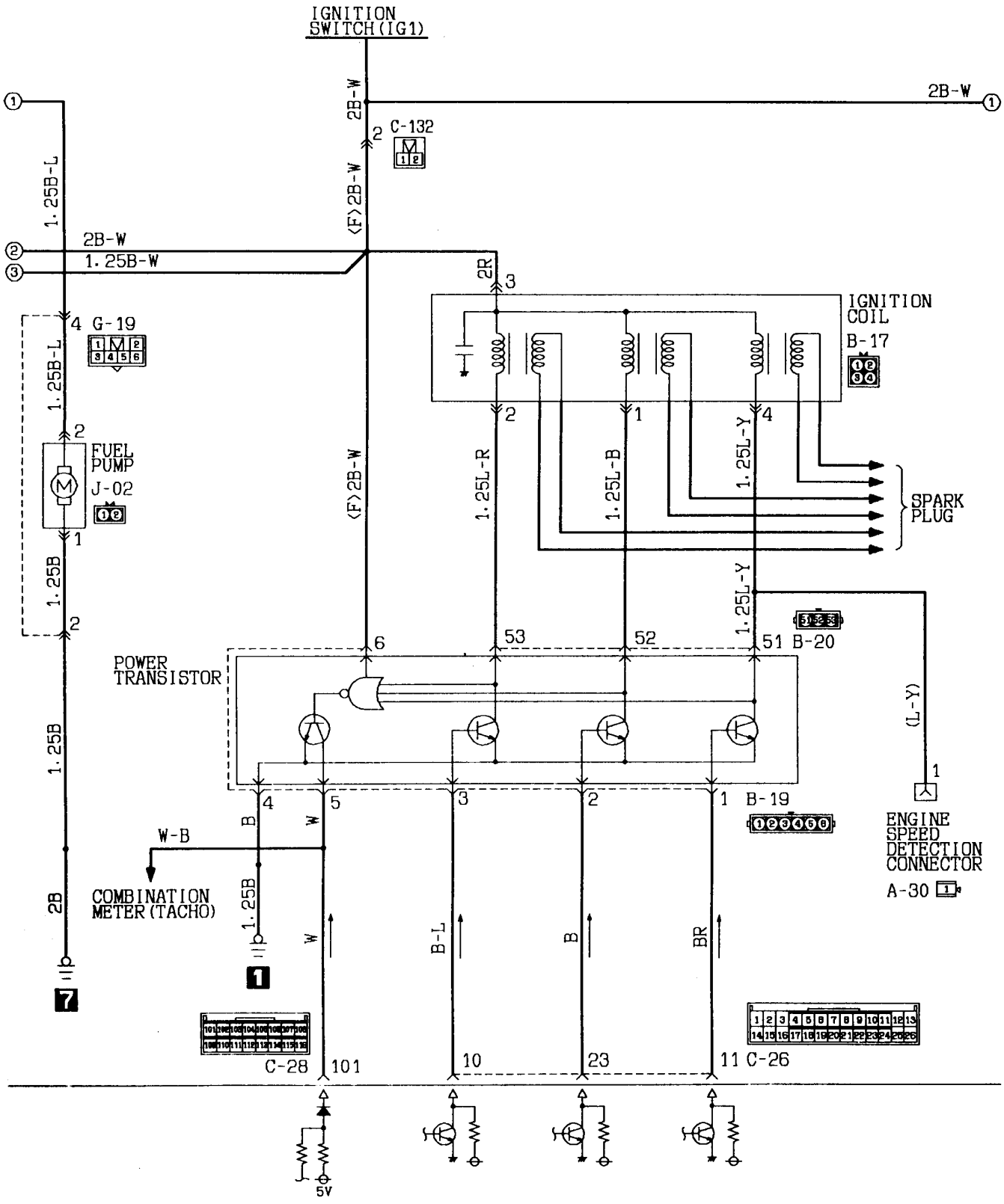
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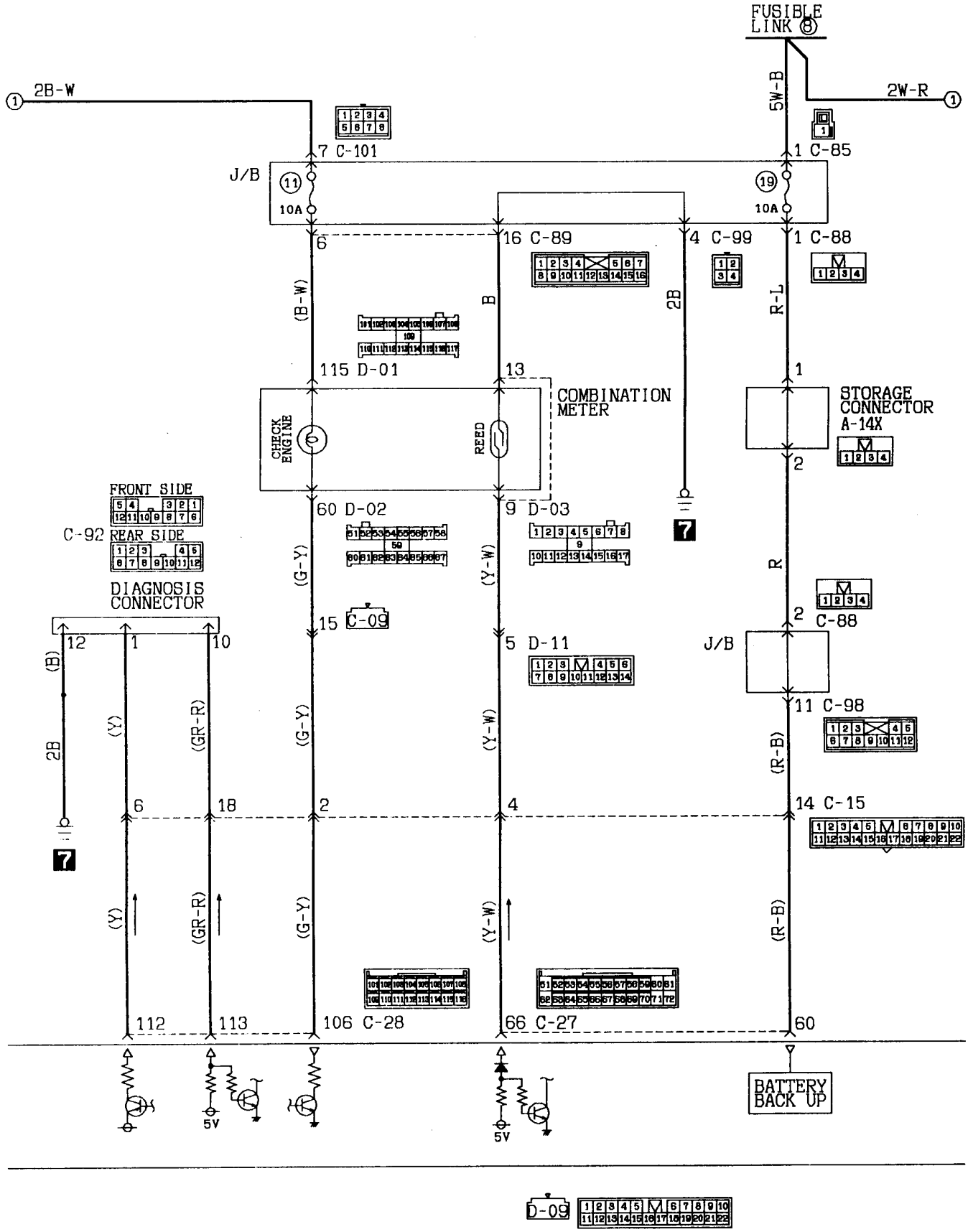
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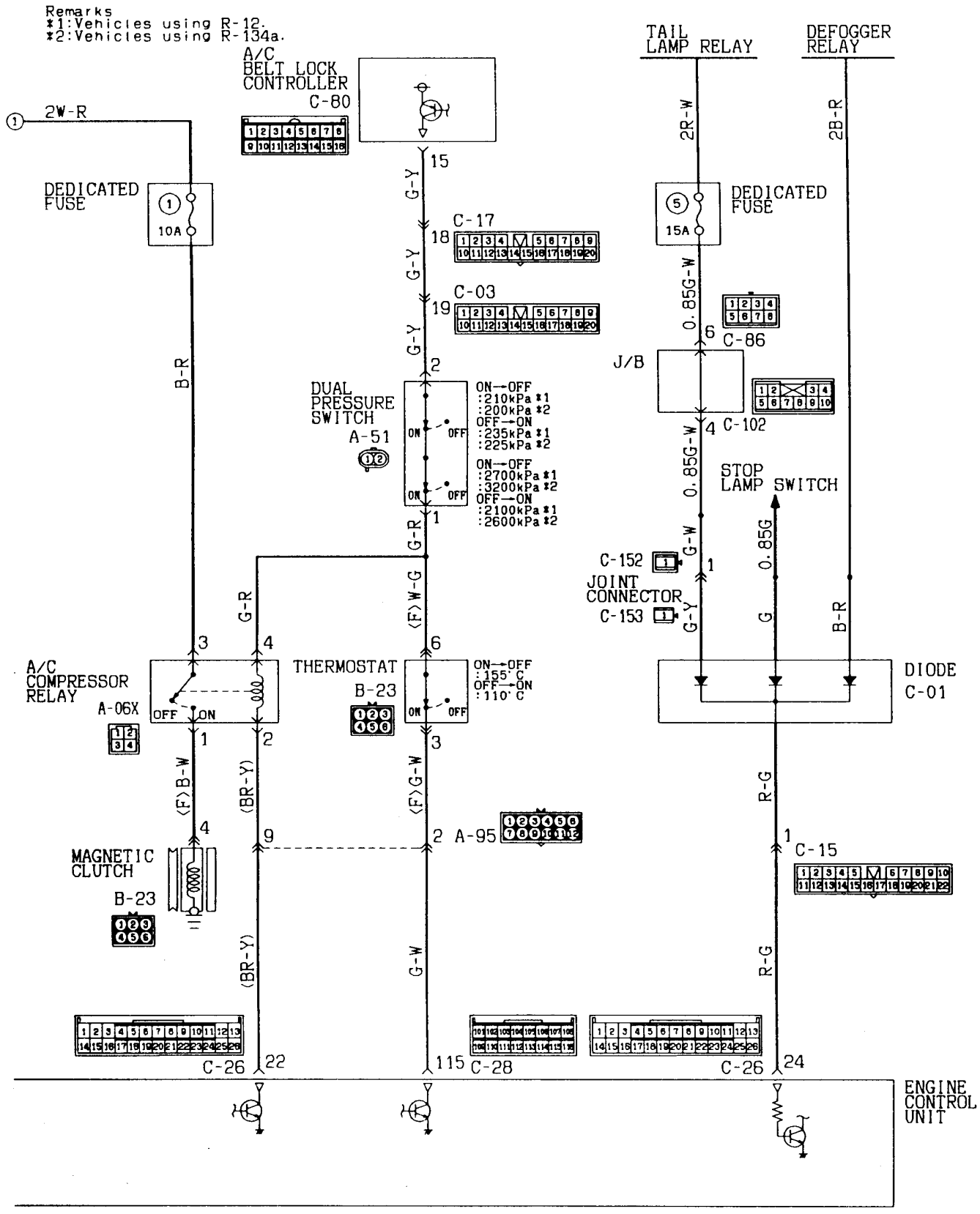
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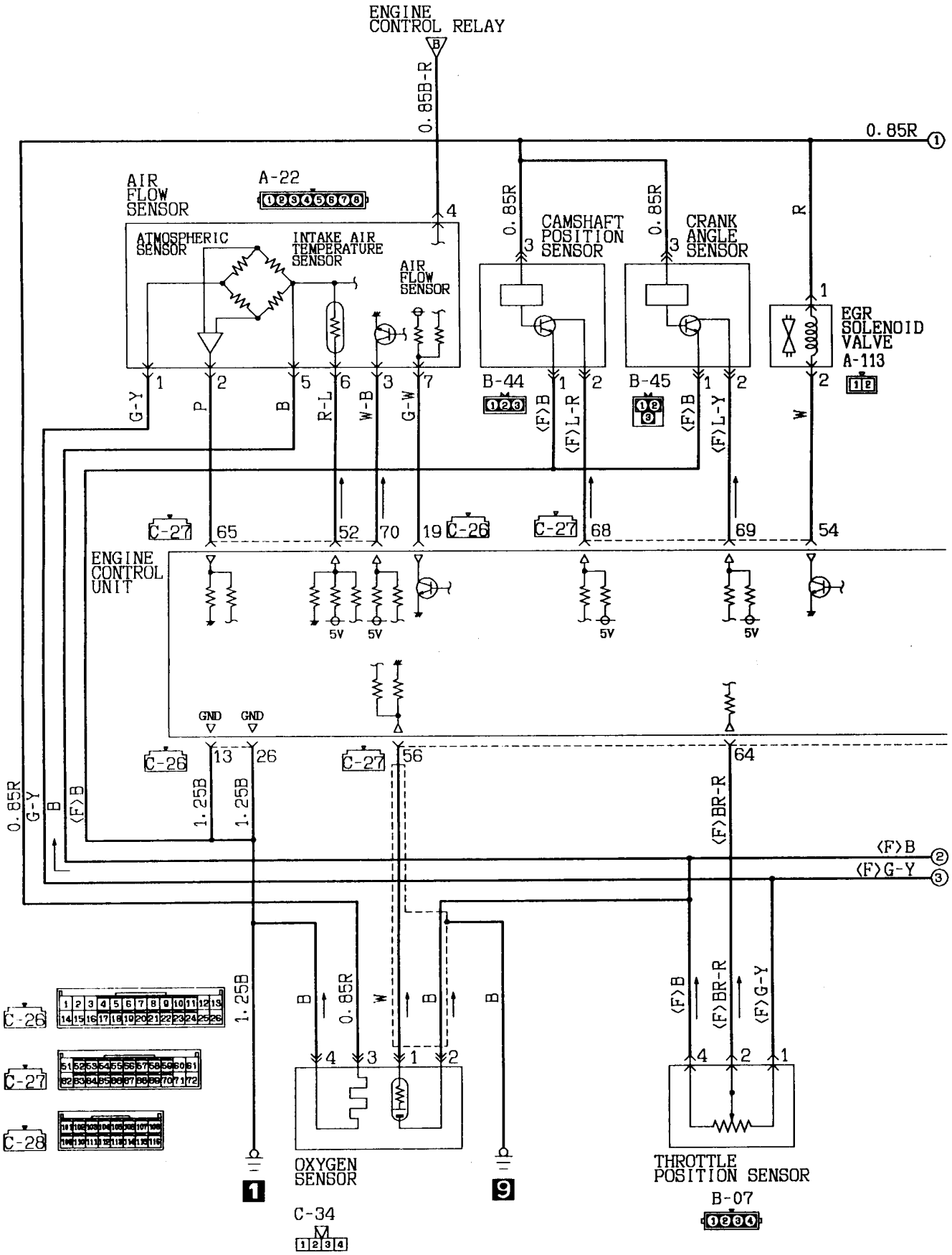
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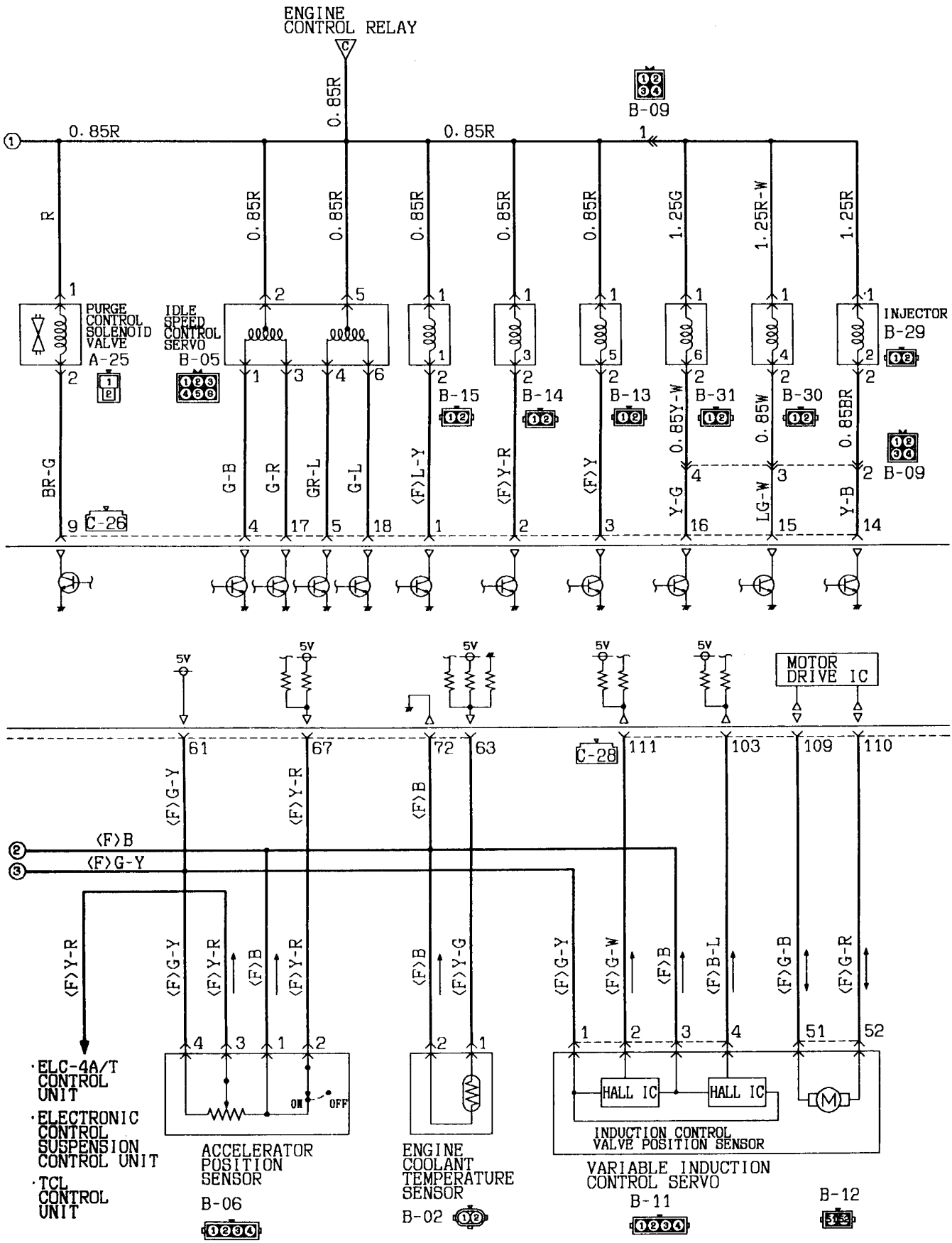
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
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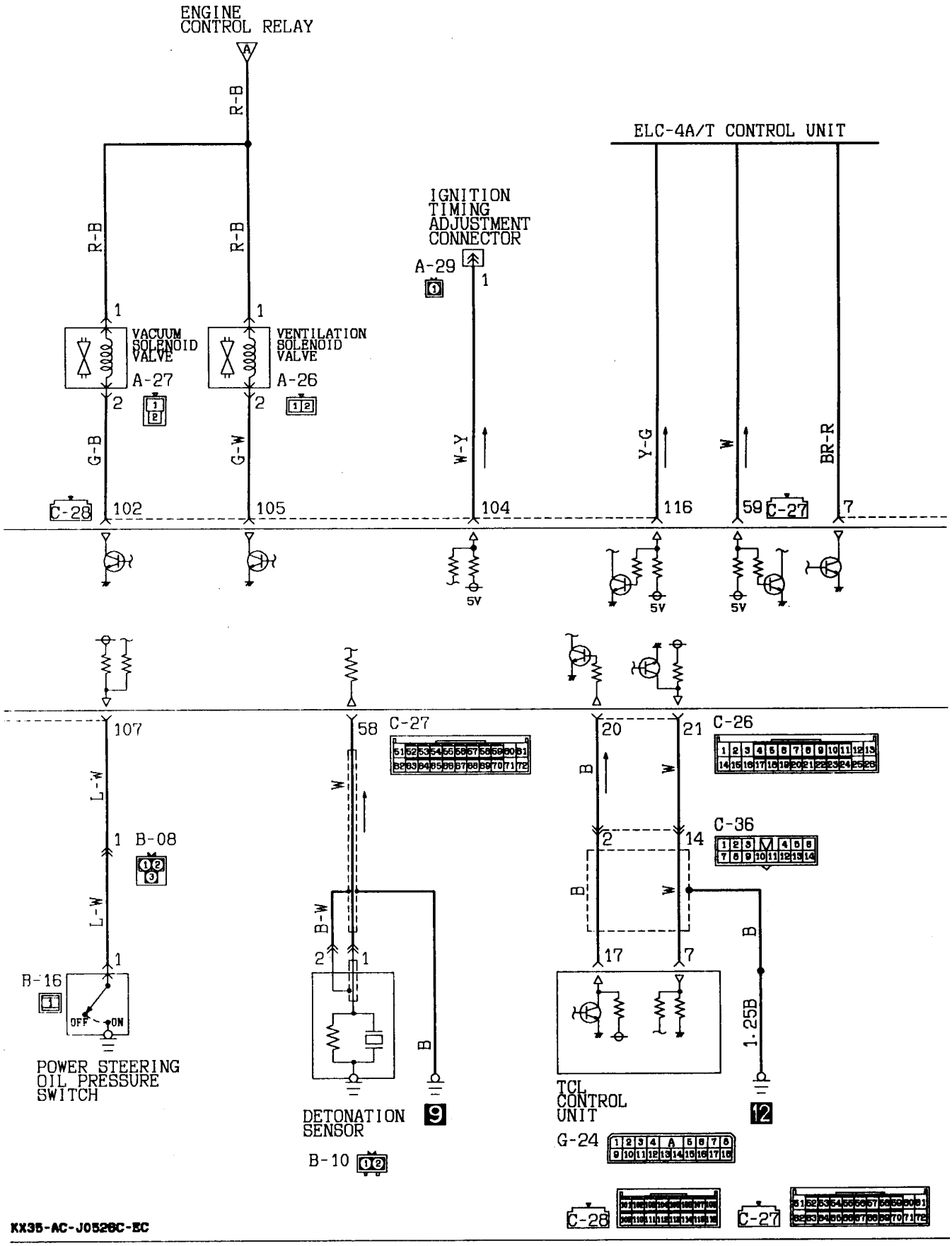


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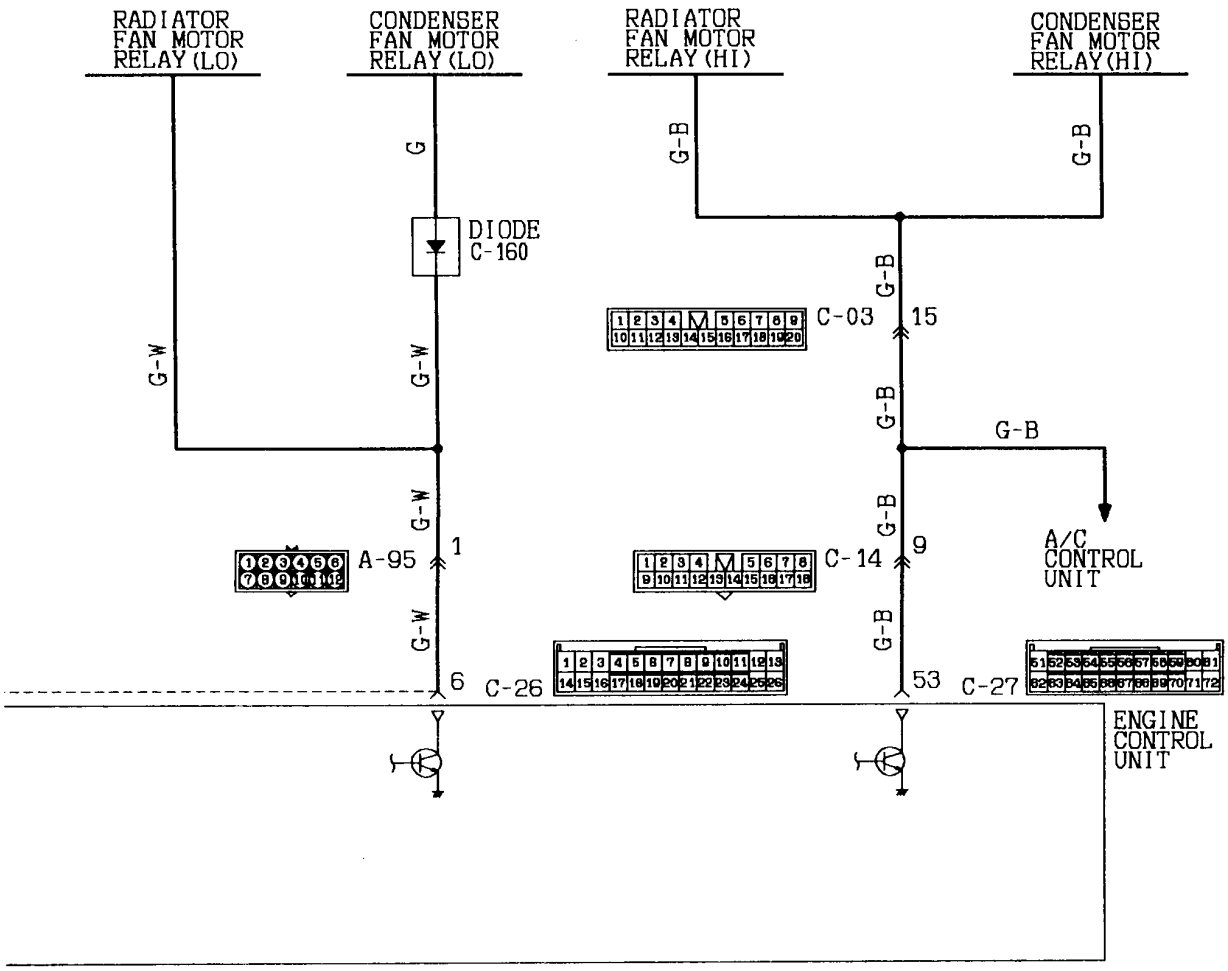


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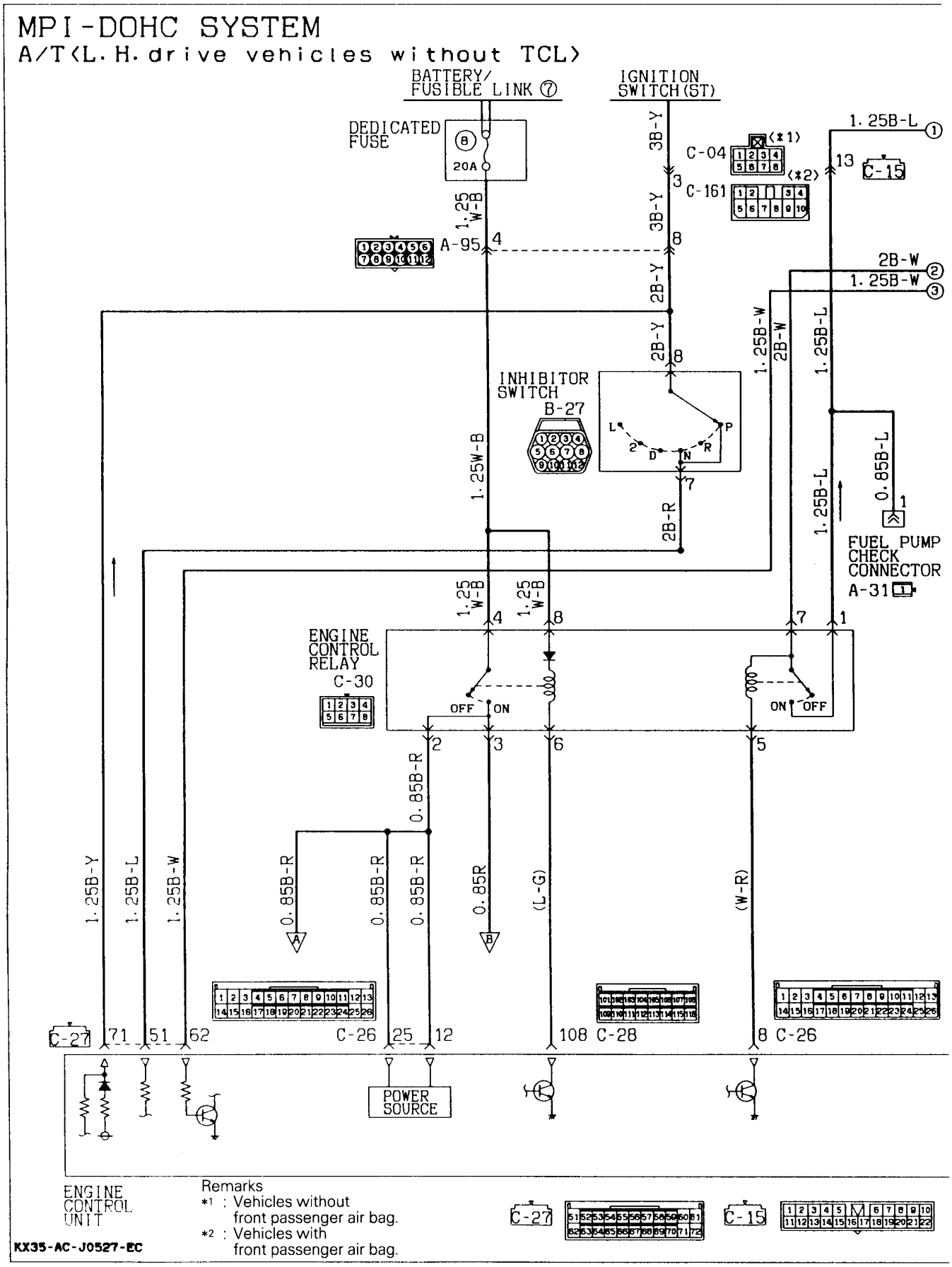
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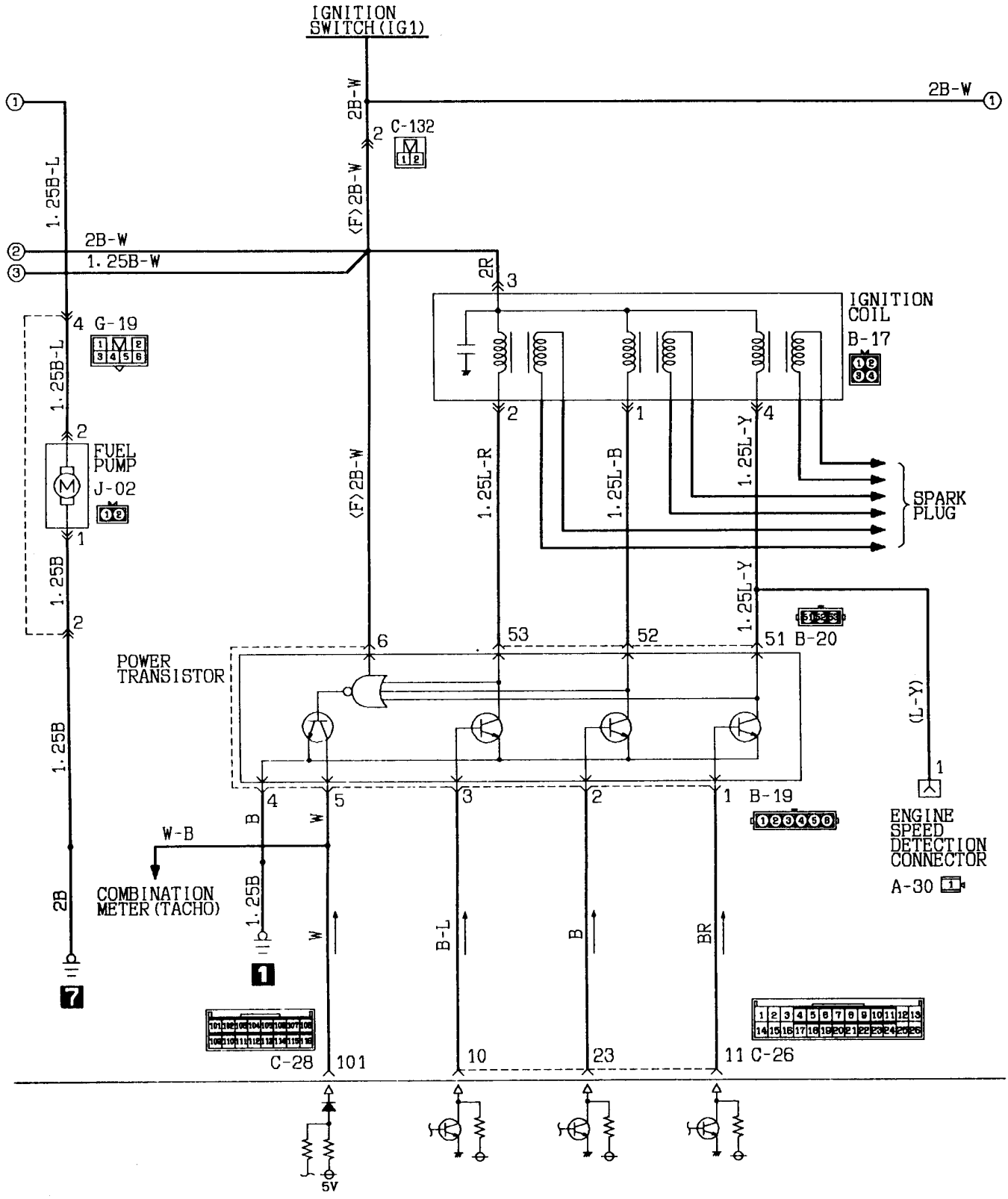
Wire colour code

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

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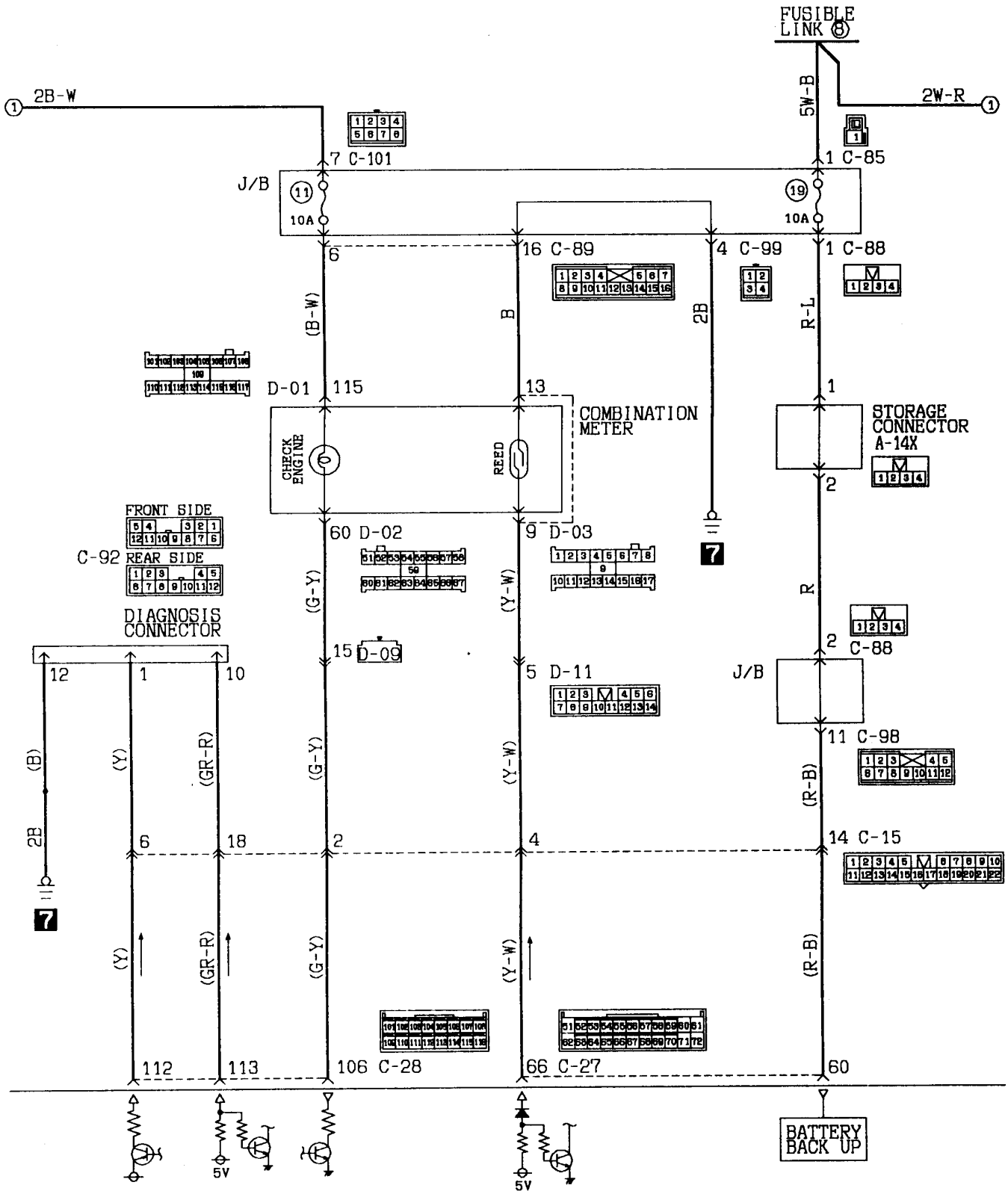
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Wire colour code

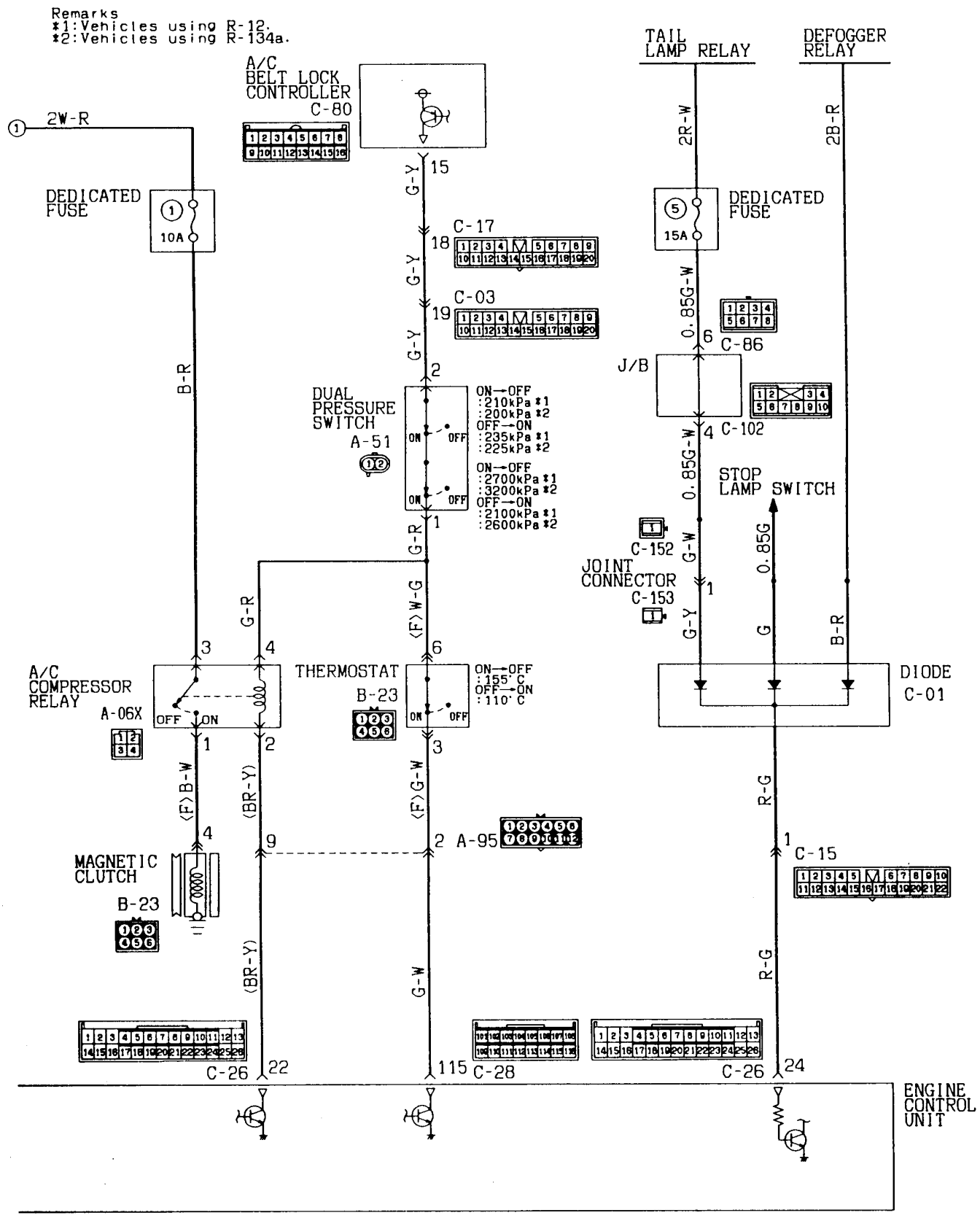
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BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

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D-09

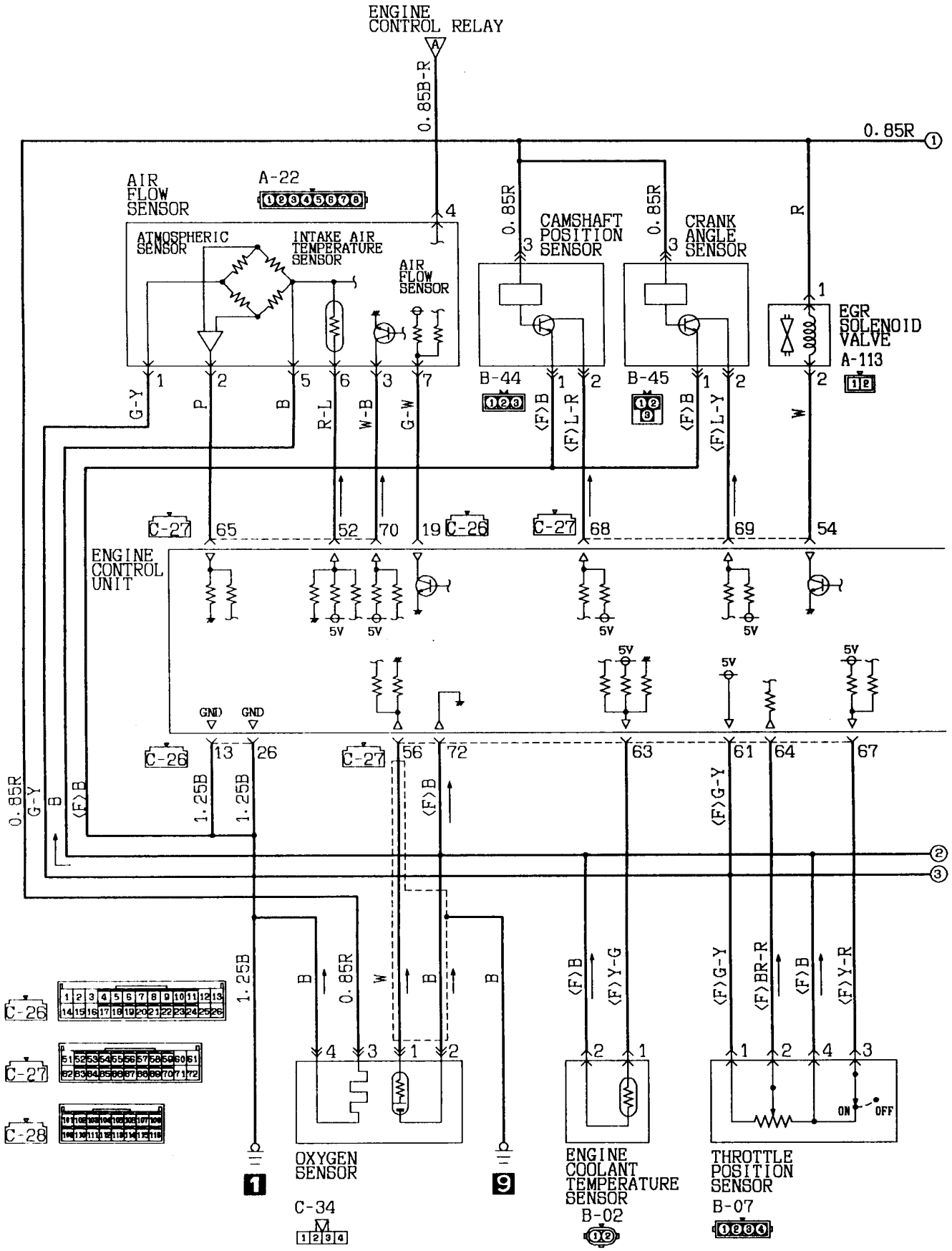
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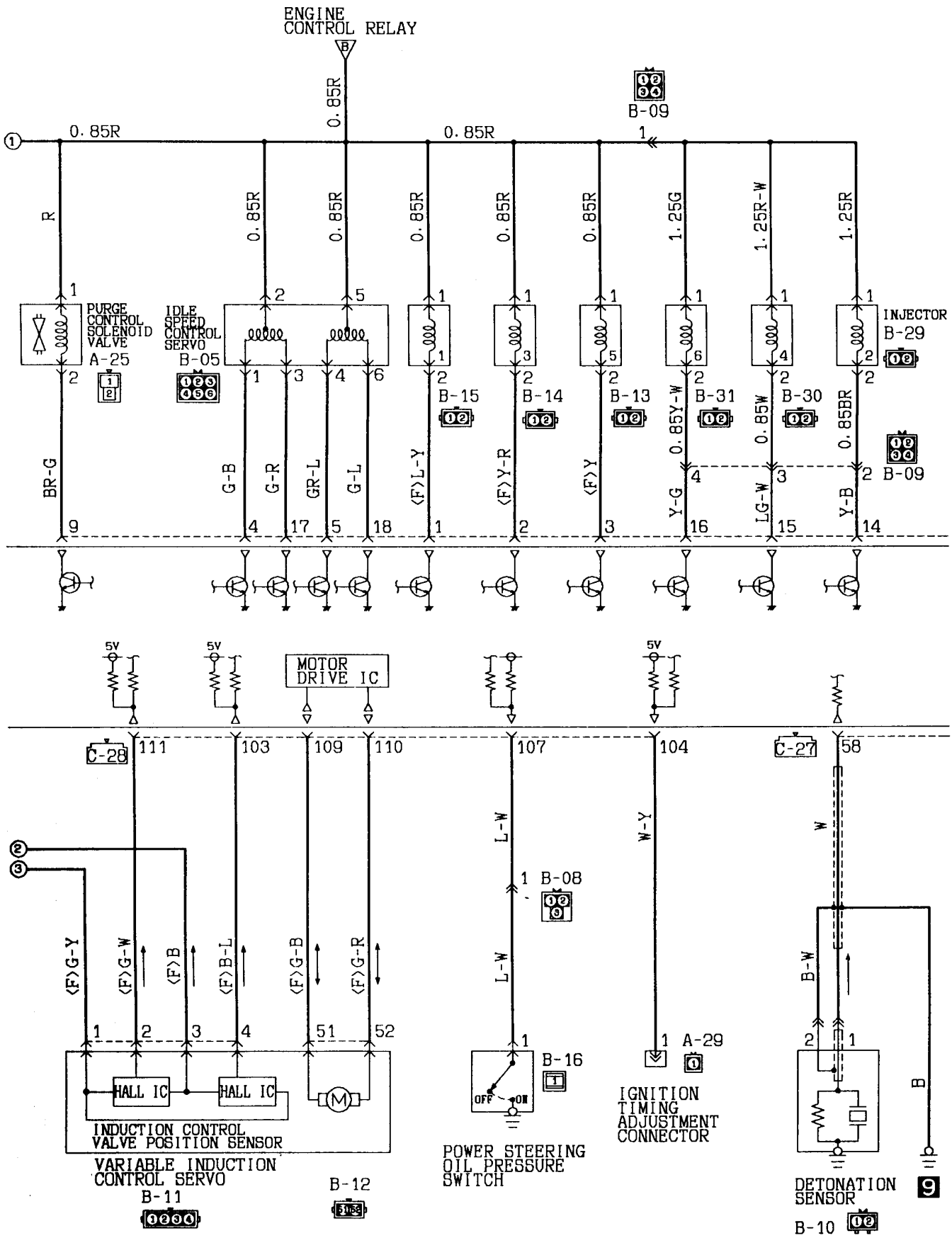
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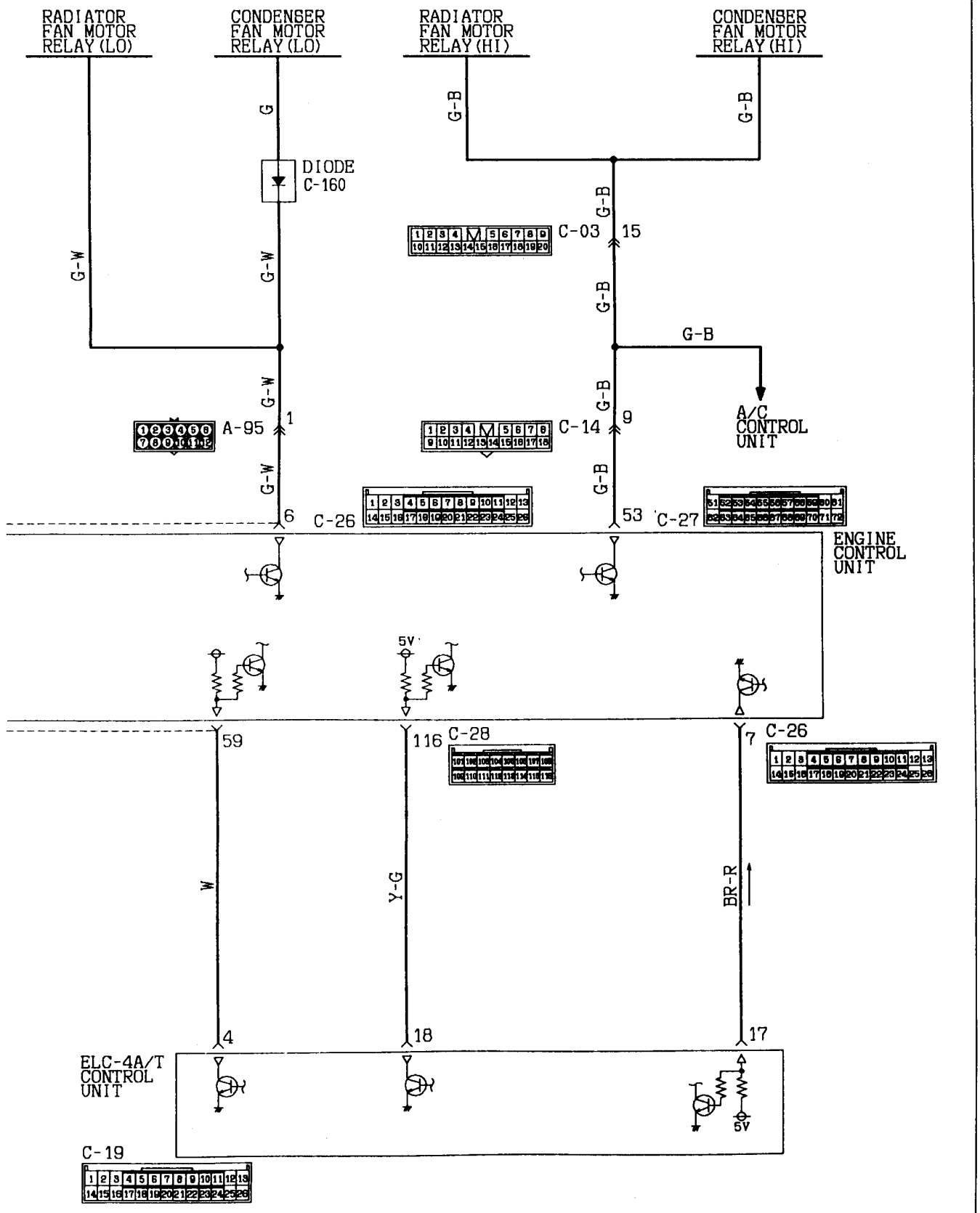


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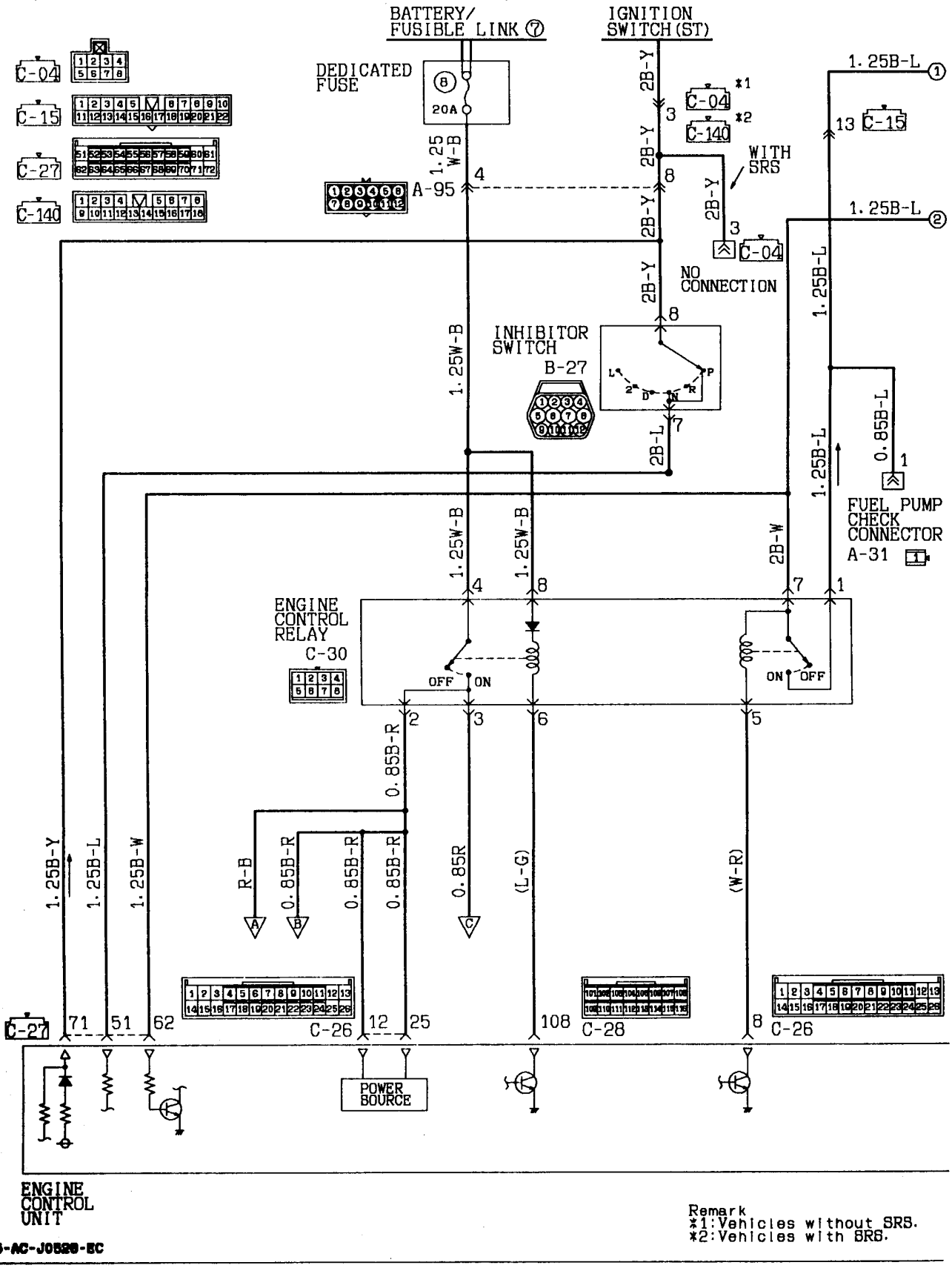


XX35-AC-J0527C-EC

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MPI-DOHC SYSTEM

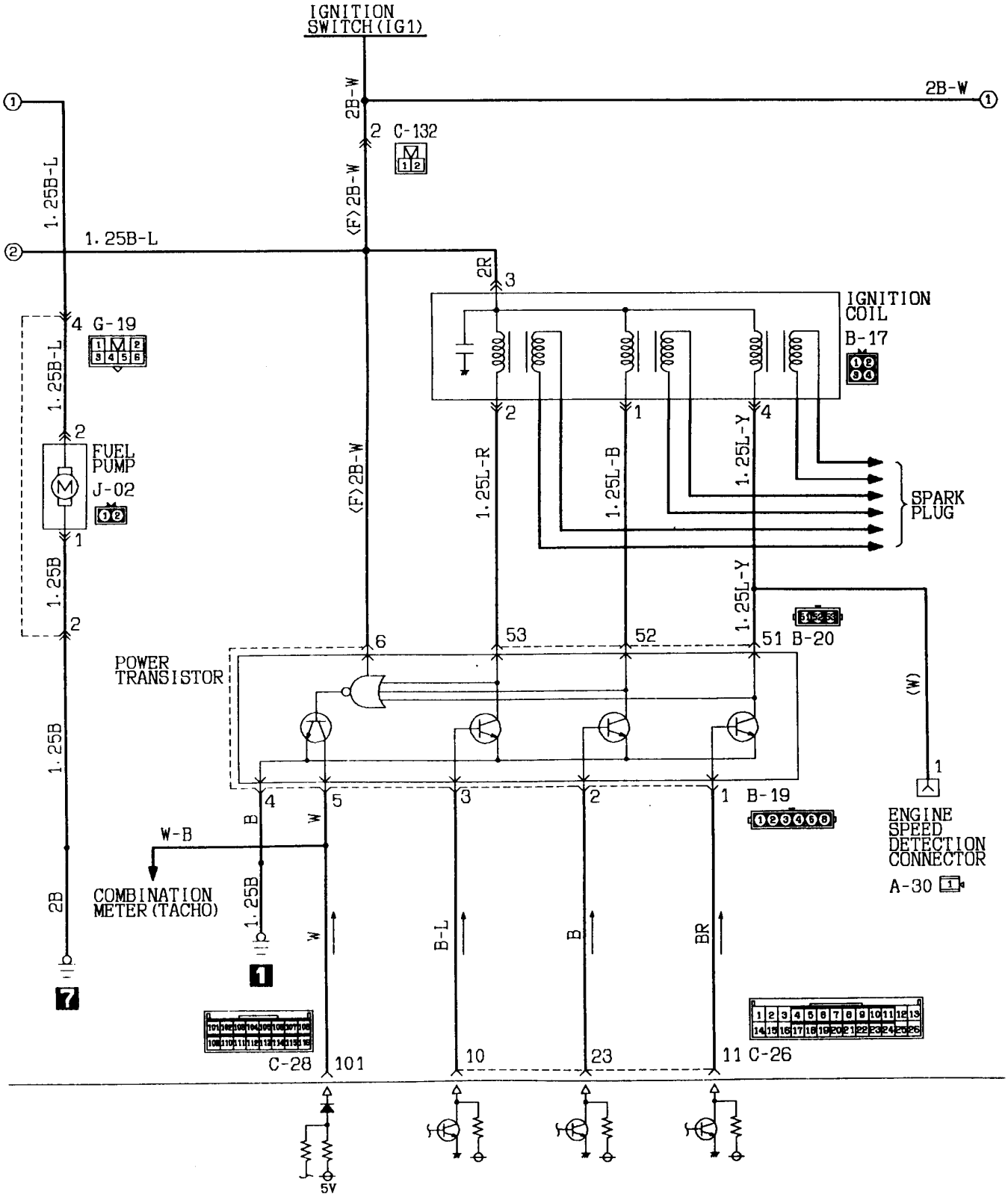
A/T(R.H.drive vehicles with TCL)



Remark
*1:Vehicles without SRS.
*2:Vehicles with SRS.

XX3S-AC-J0529-EC

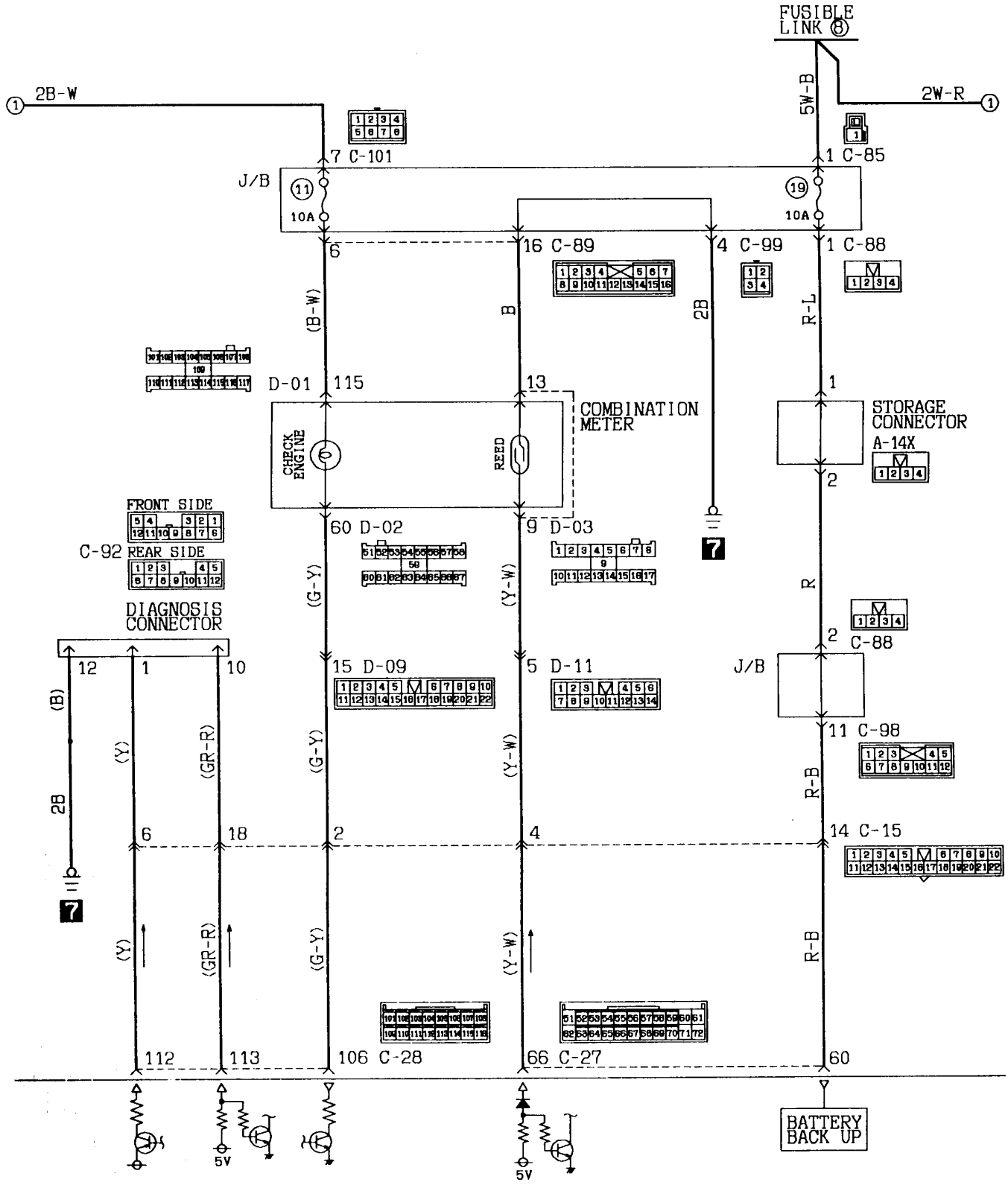
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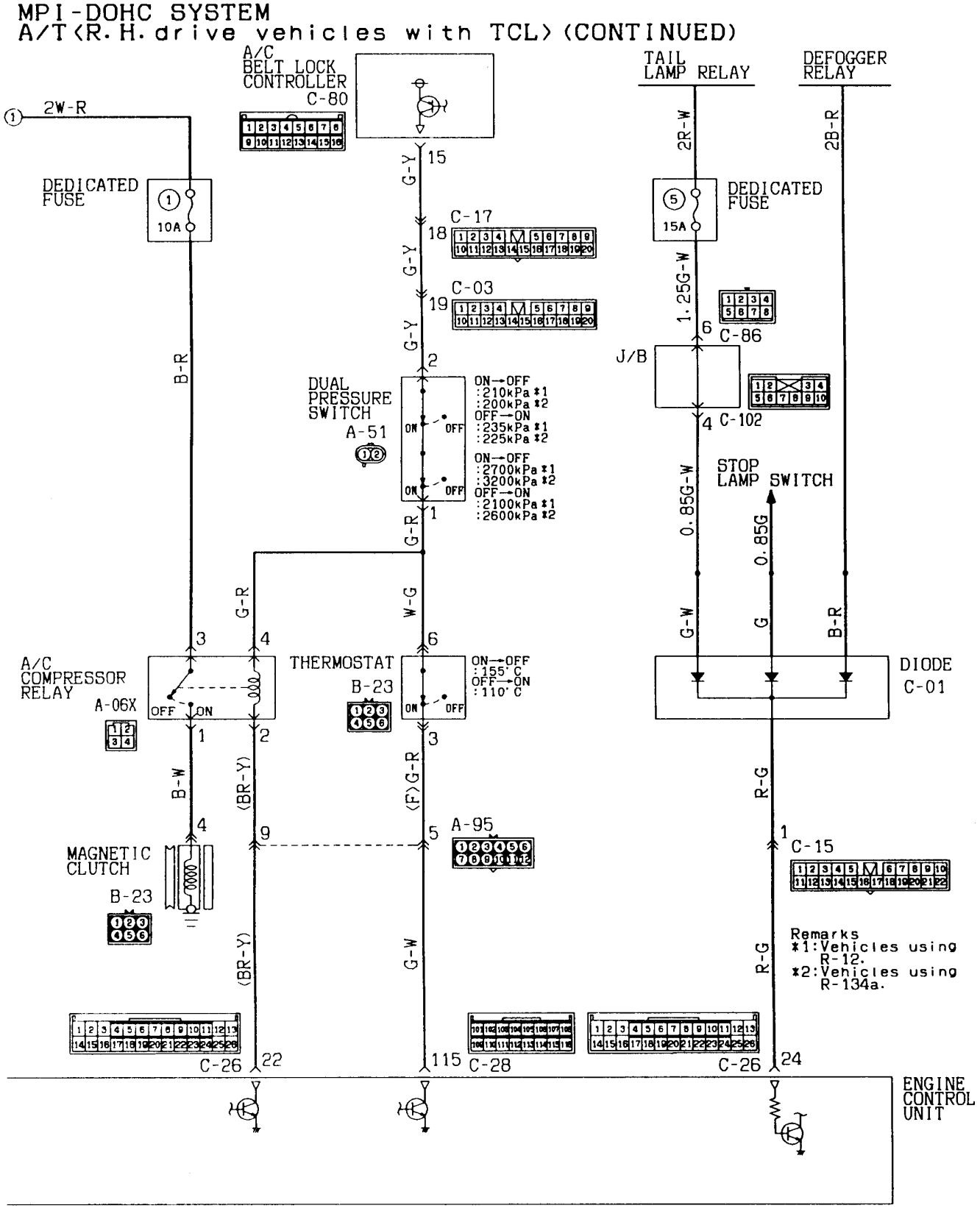
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

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KX35-AC-J0528A-EC

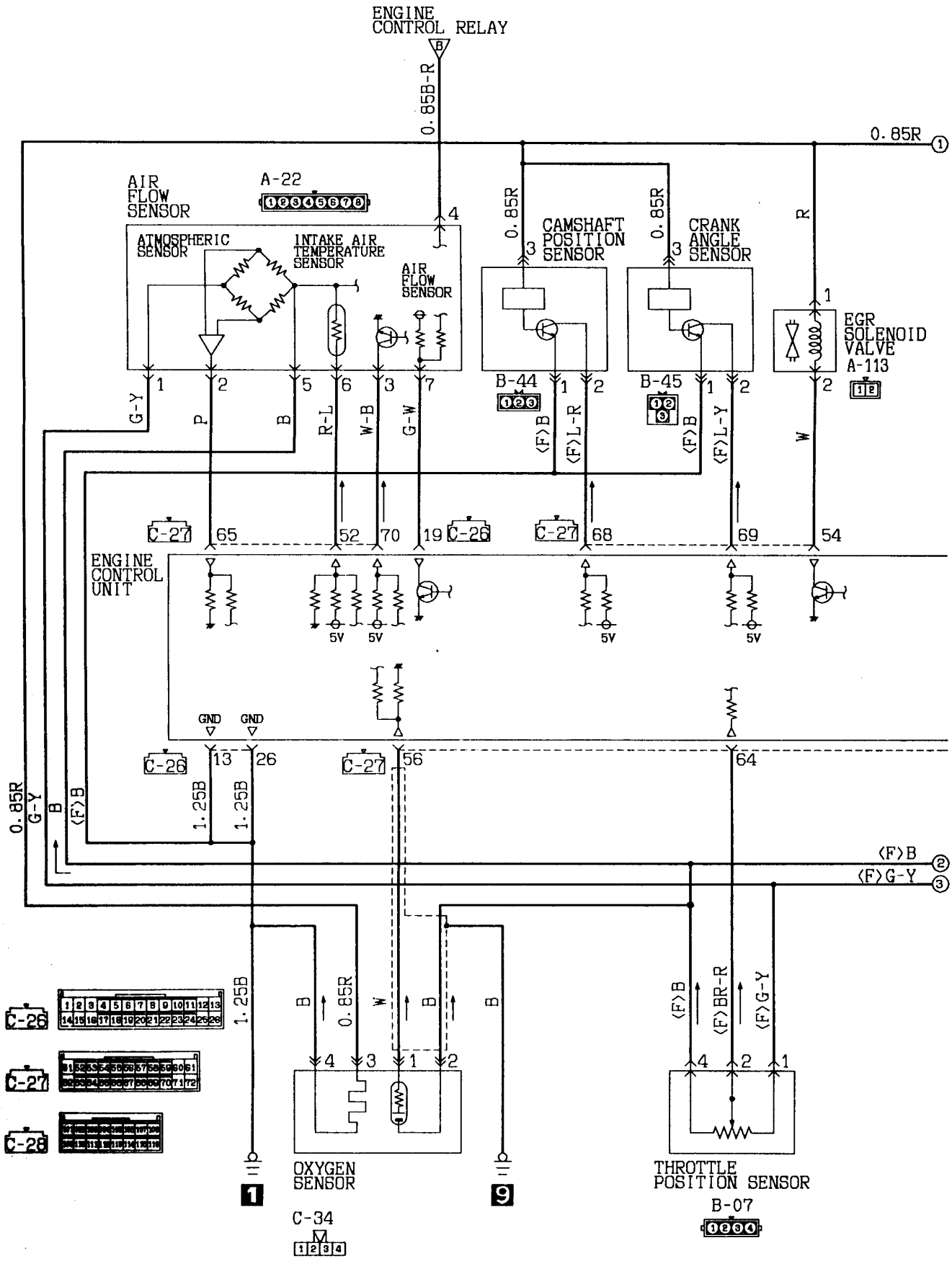
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Wire colour code

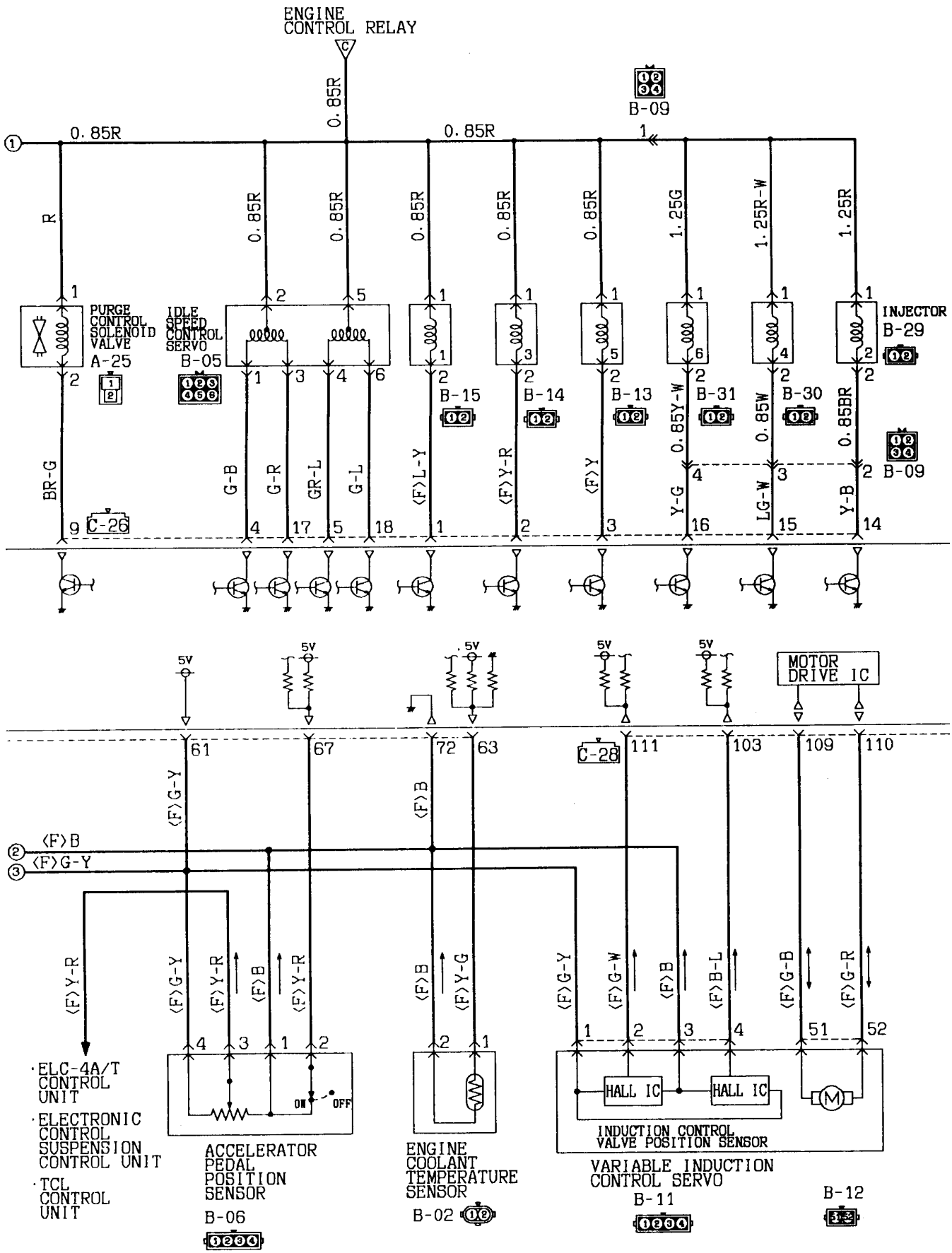
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BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

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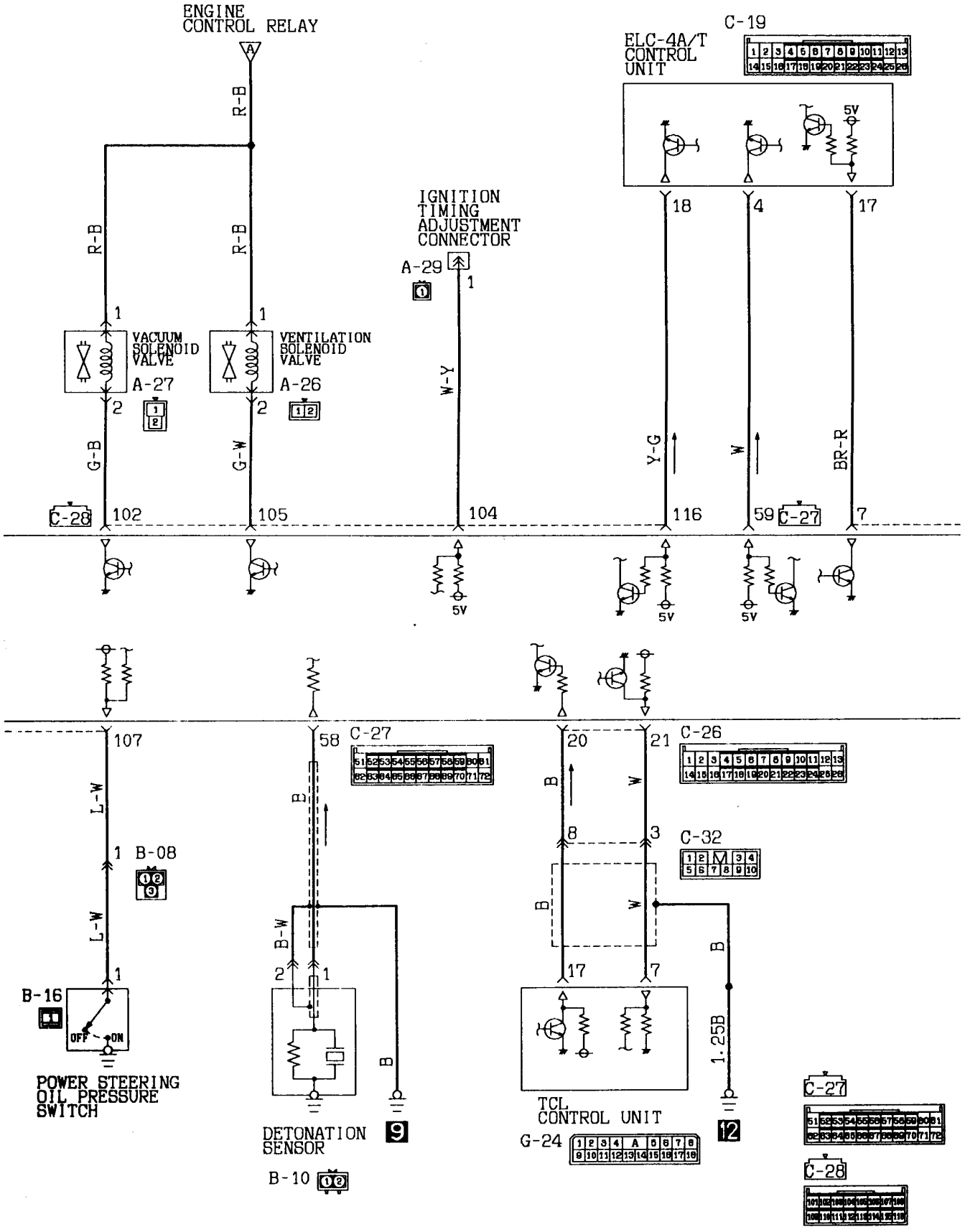


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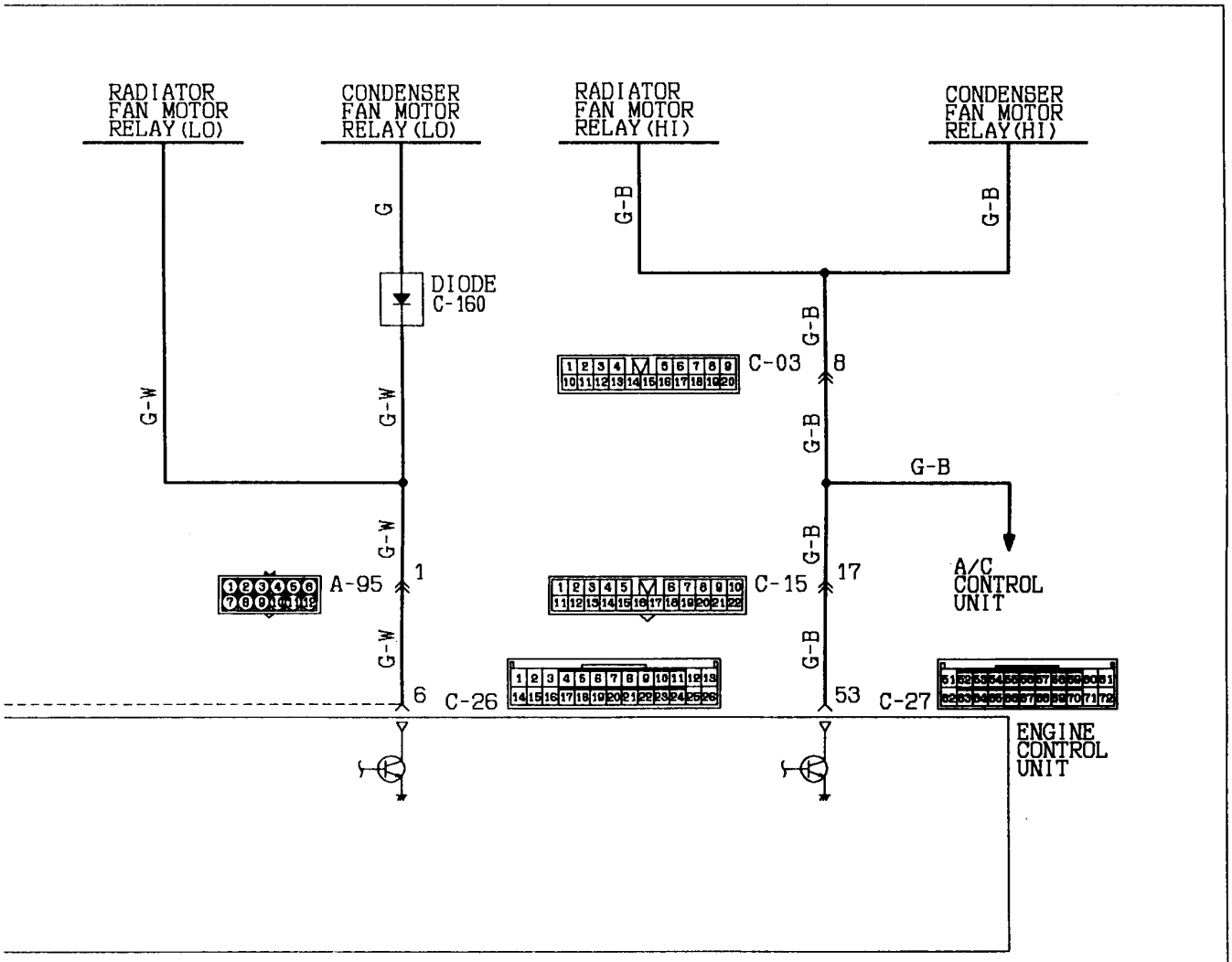


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KX3S-AC-J0529C-EC

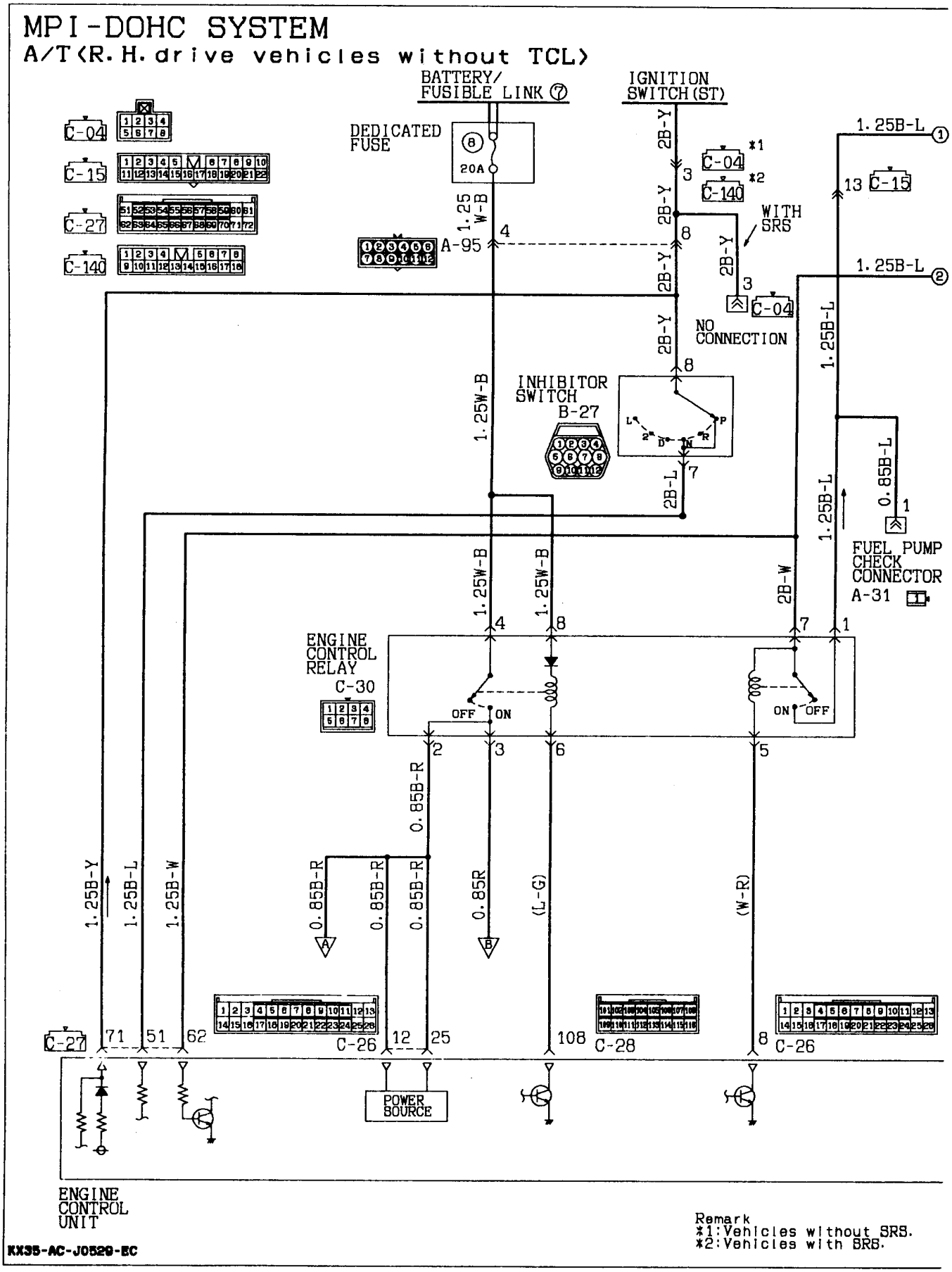
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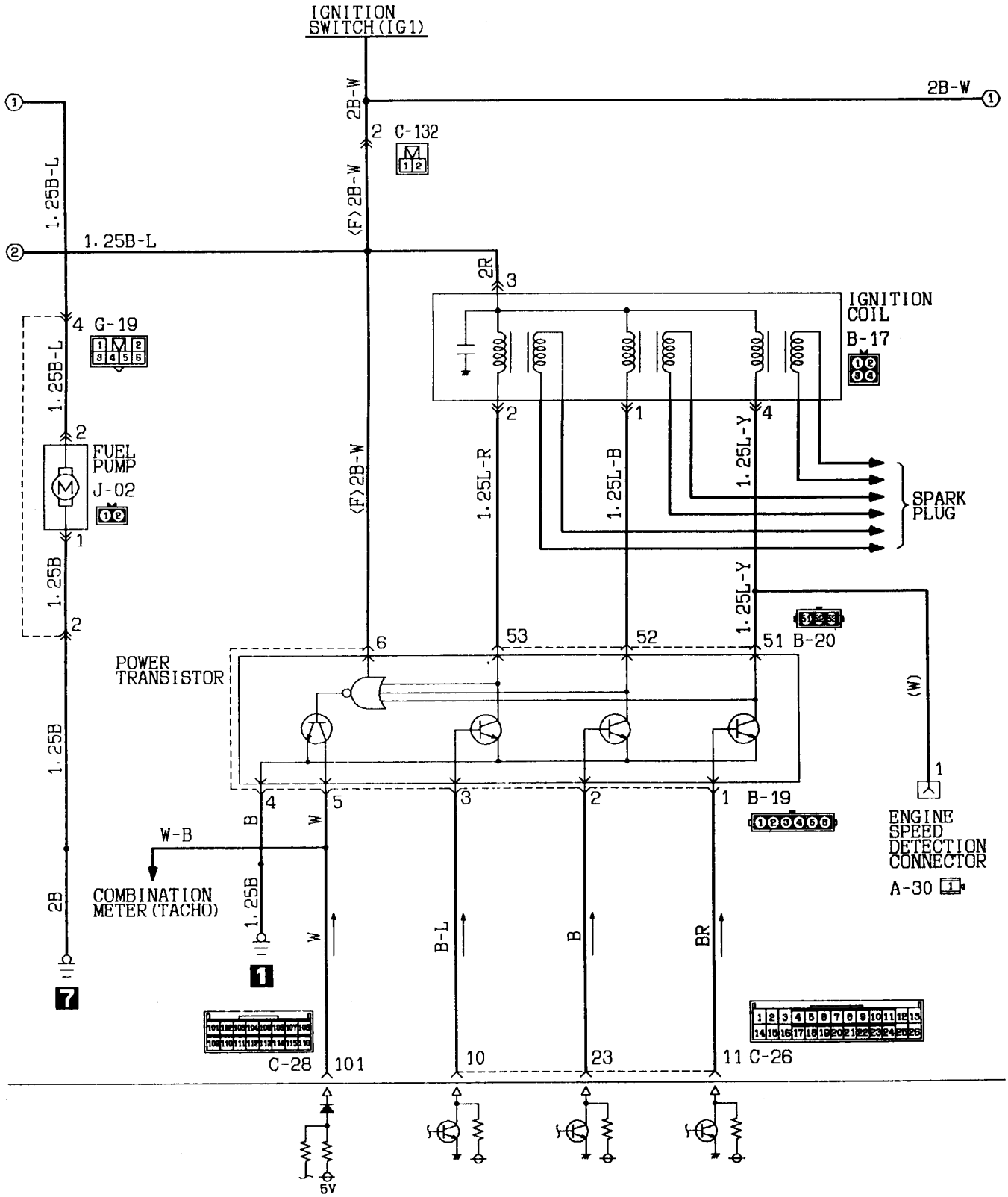
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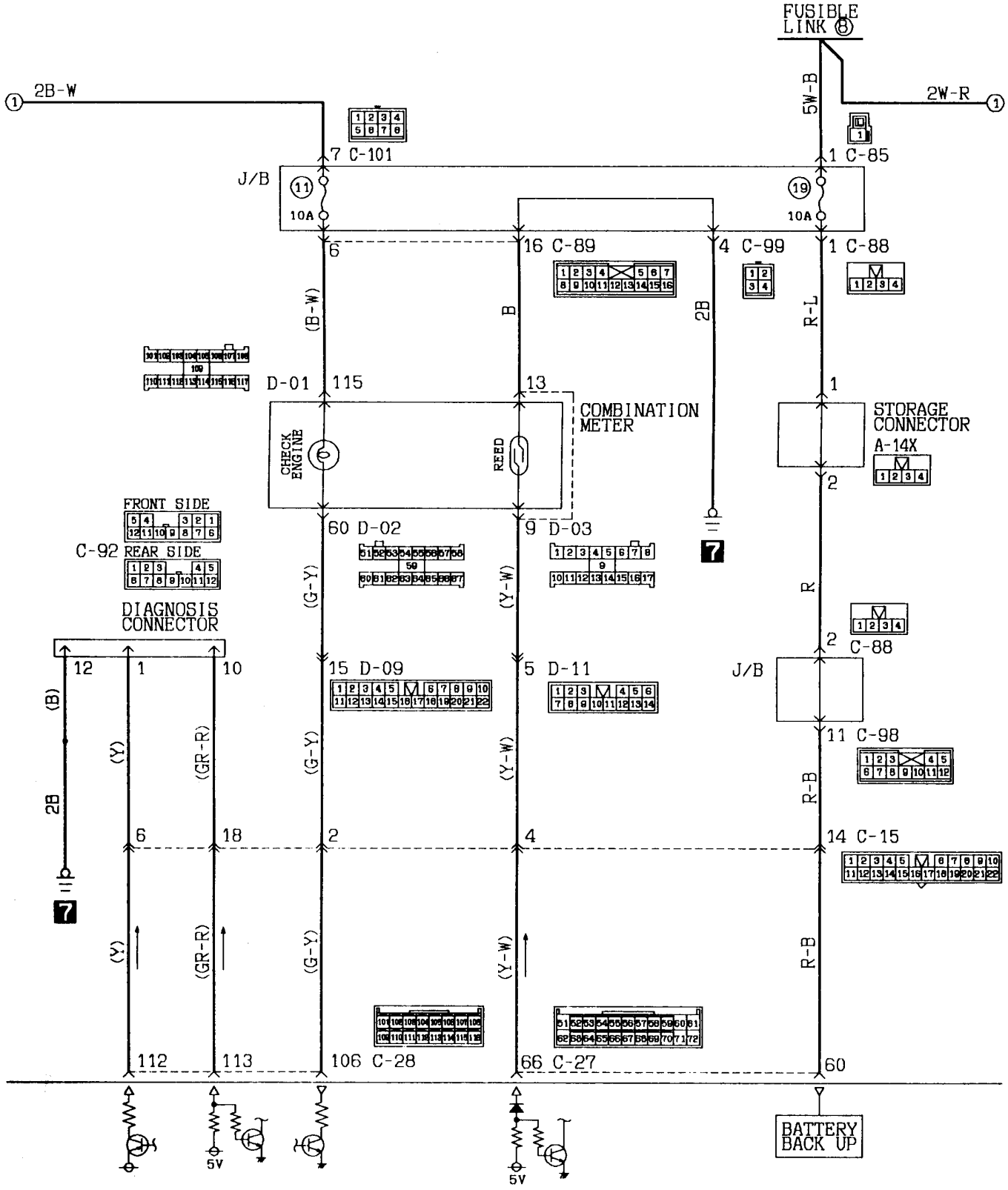
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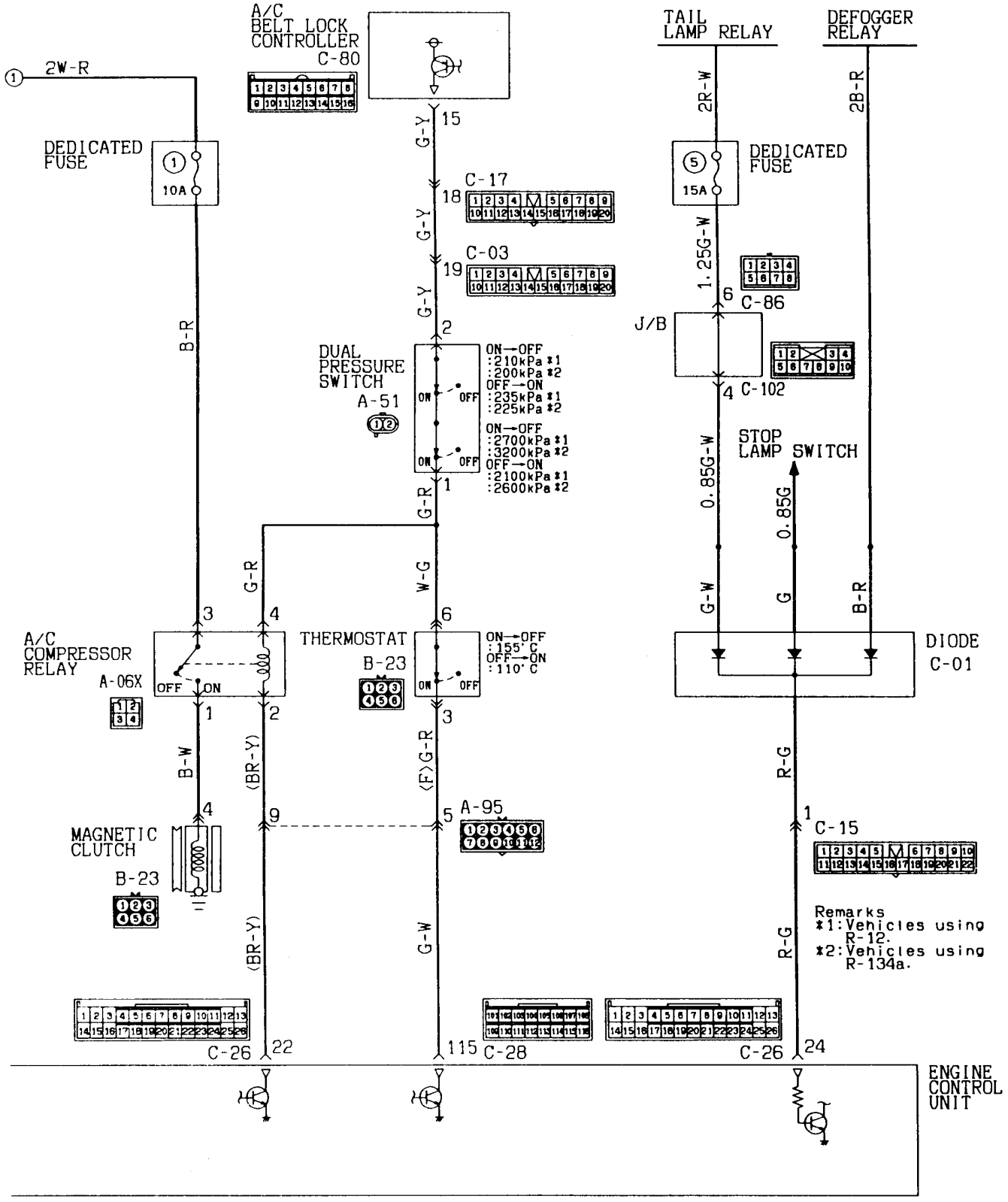
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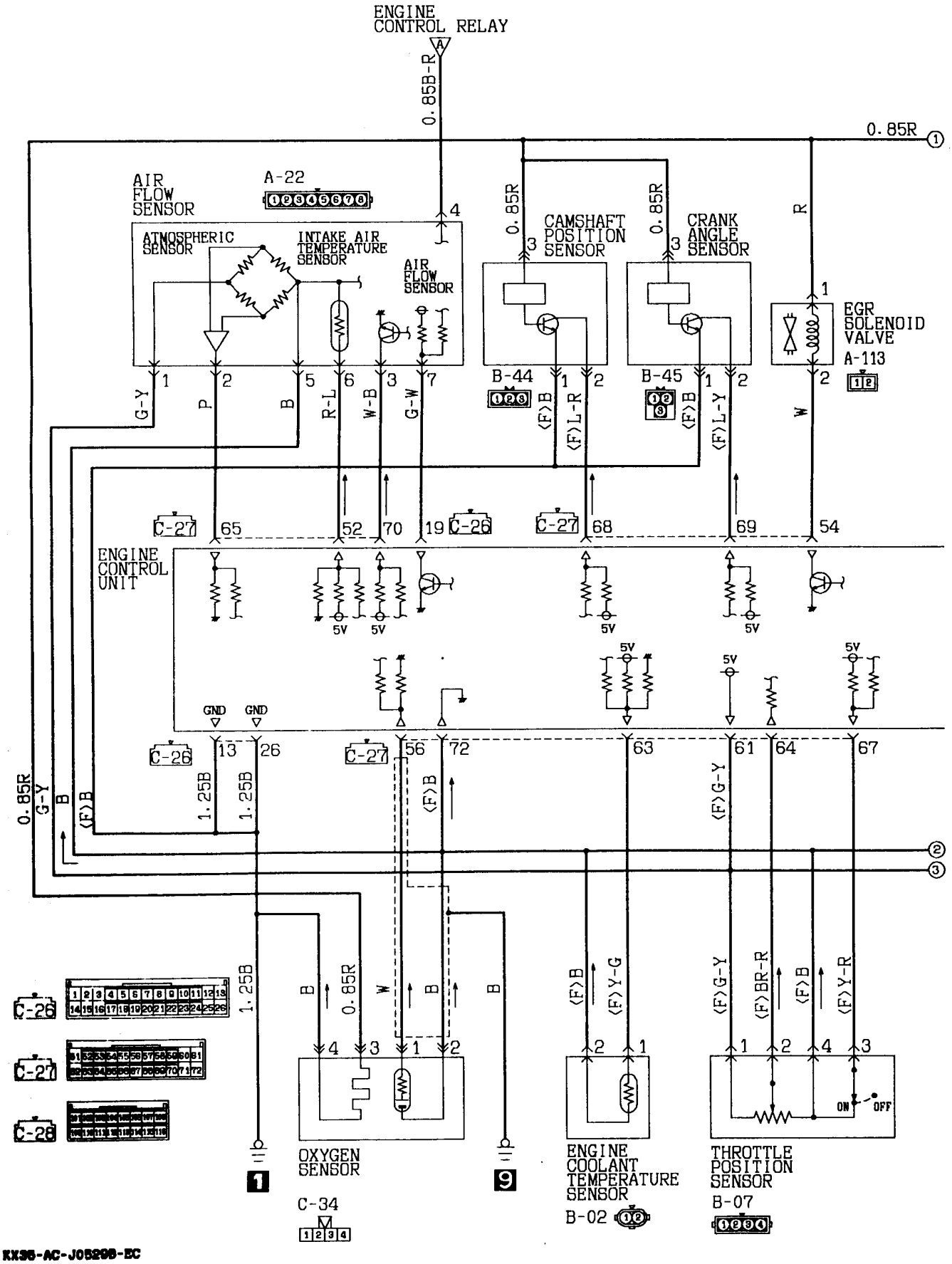
MPI-DOHC SYSTEM
A/T<R.H.drive without TCL> (CONTINUED)



Wire colour code

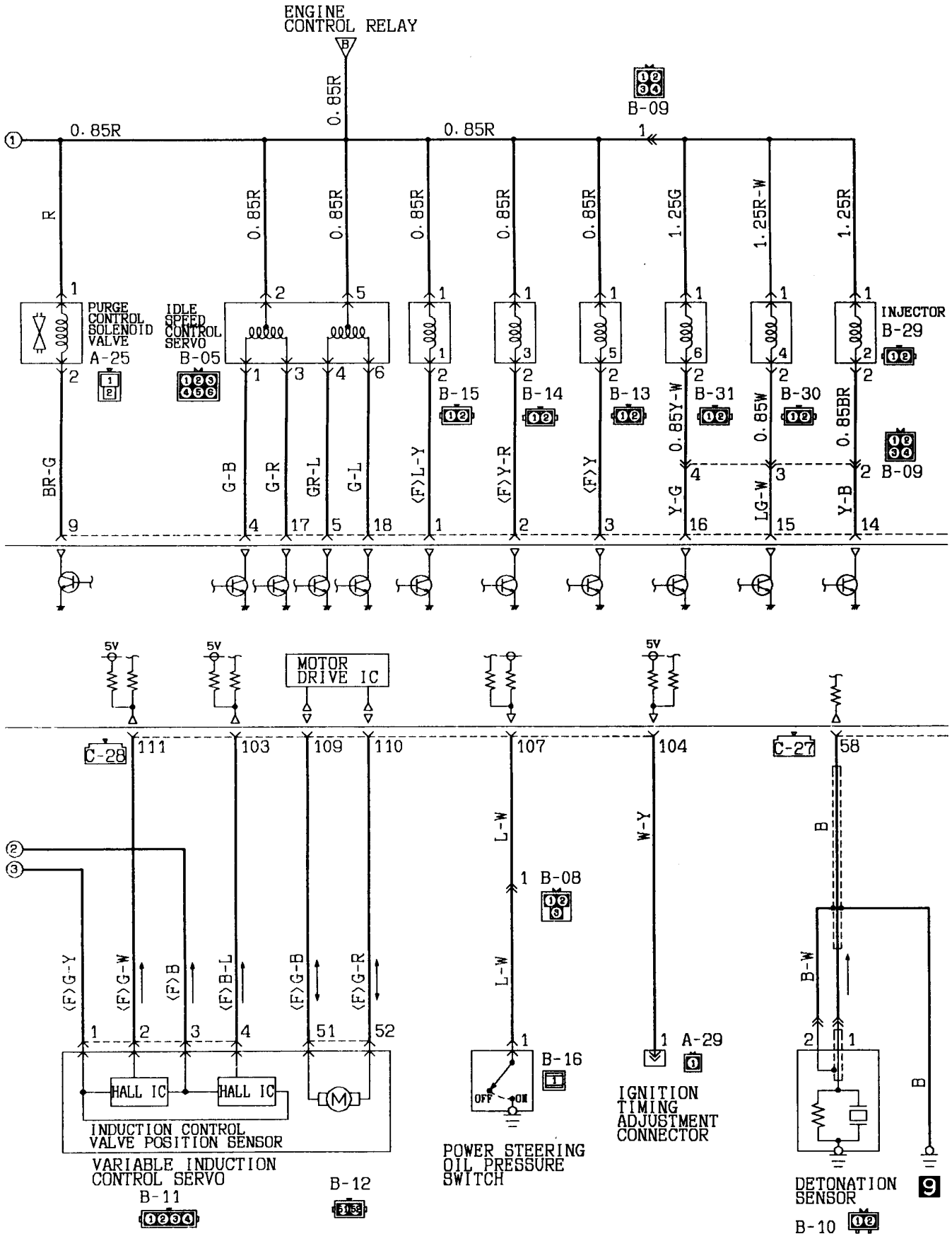
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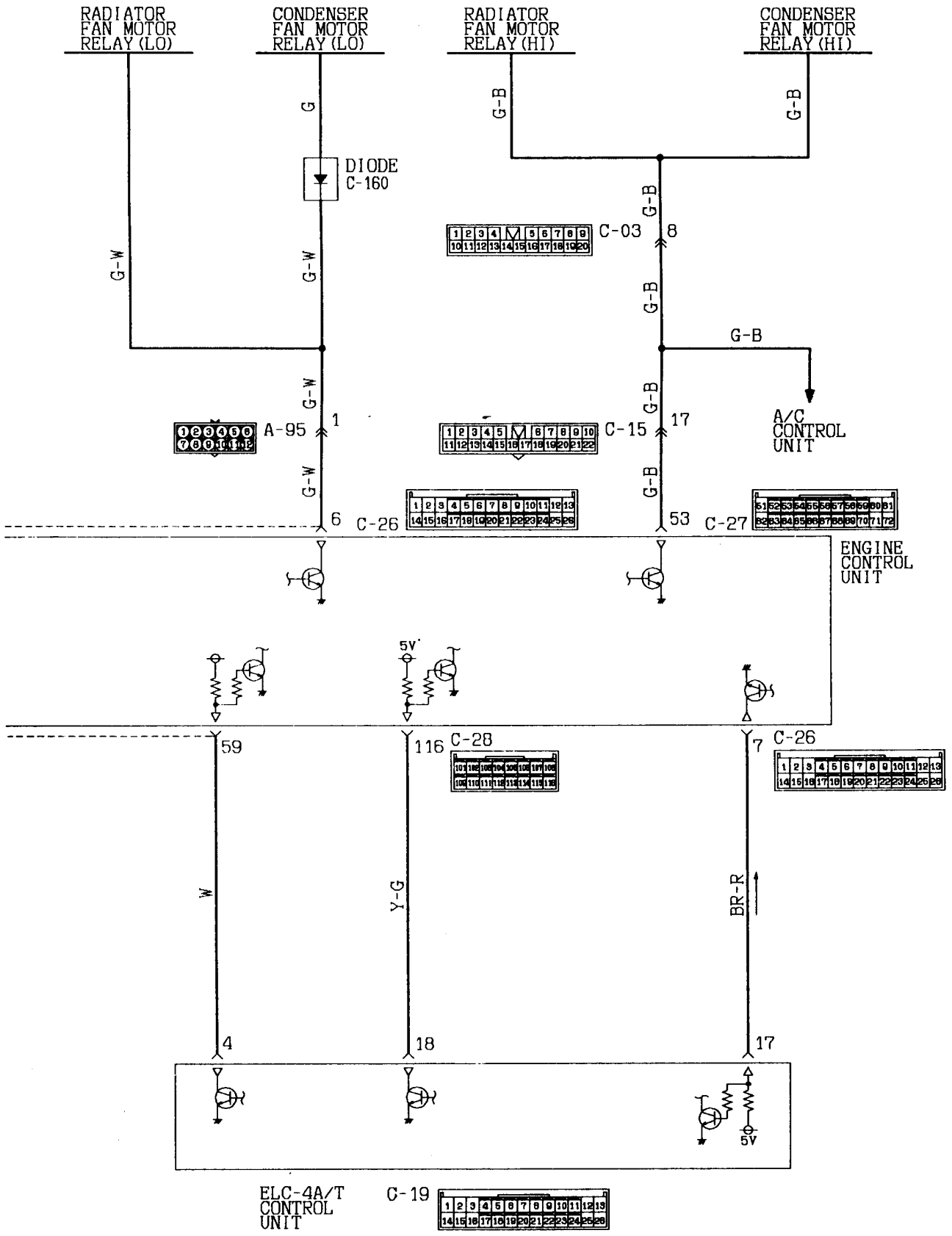


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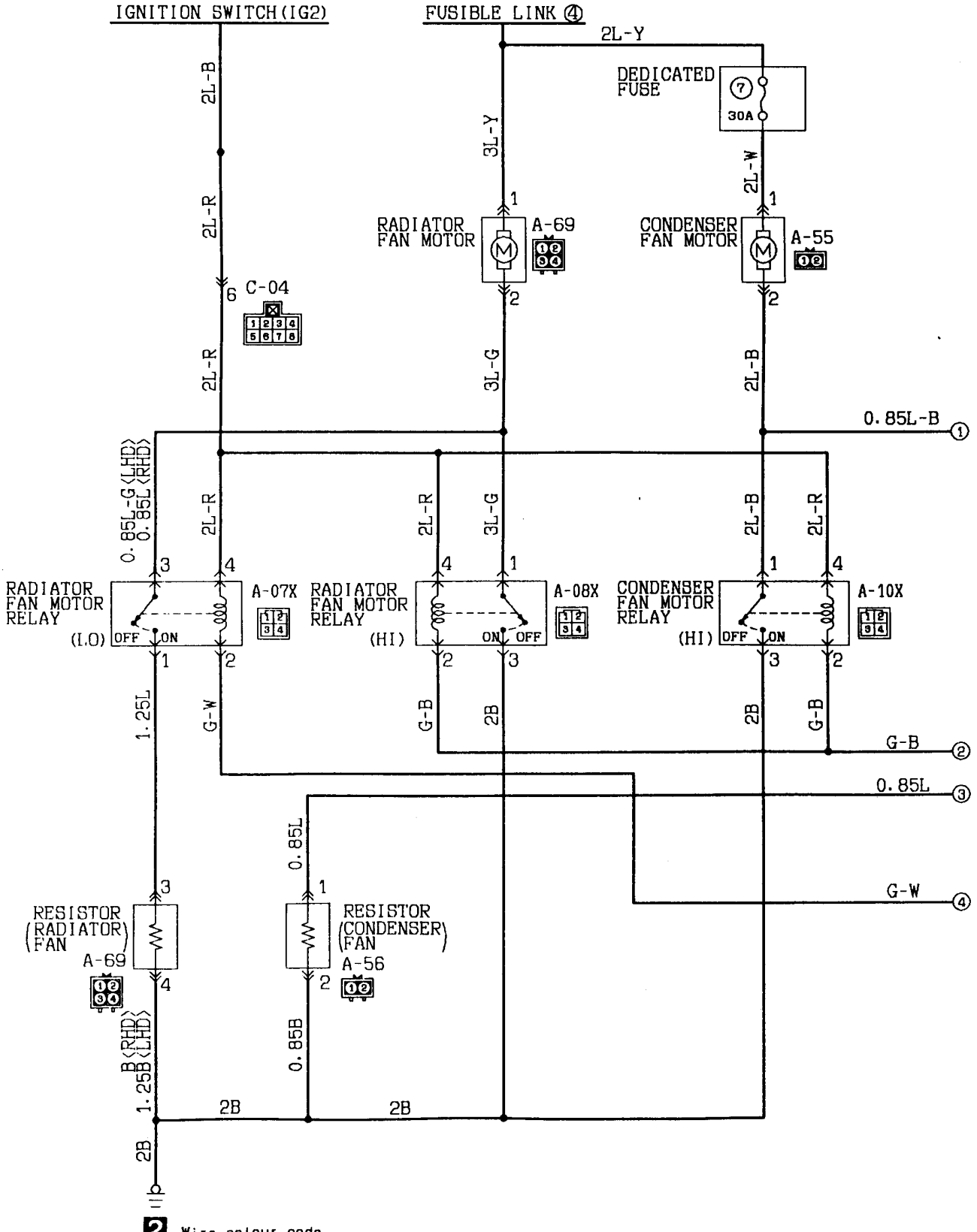
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KX95-AC-J0529C-EC

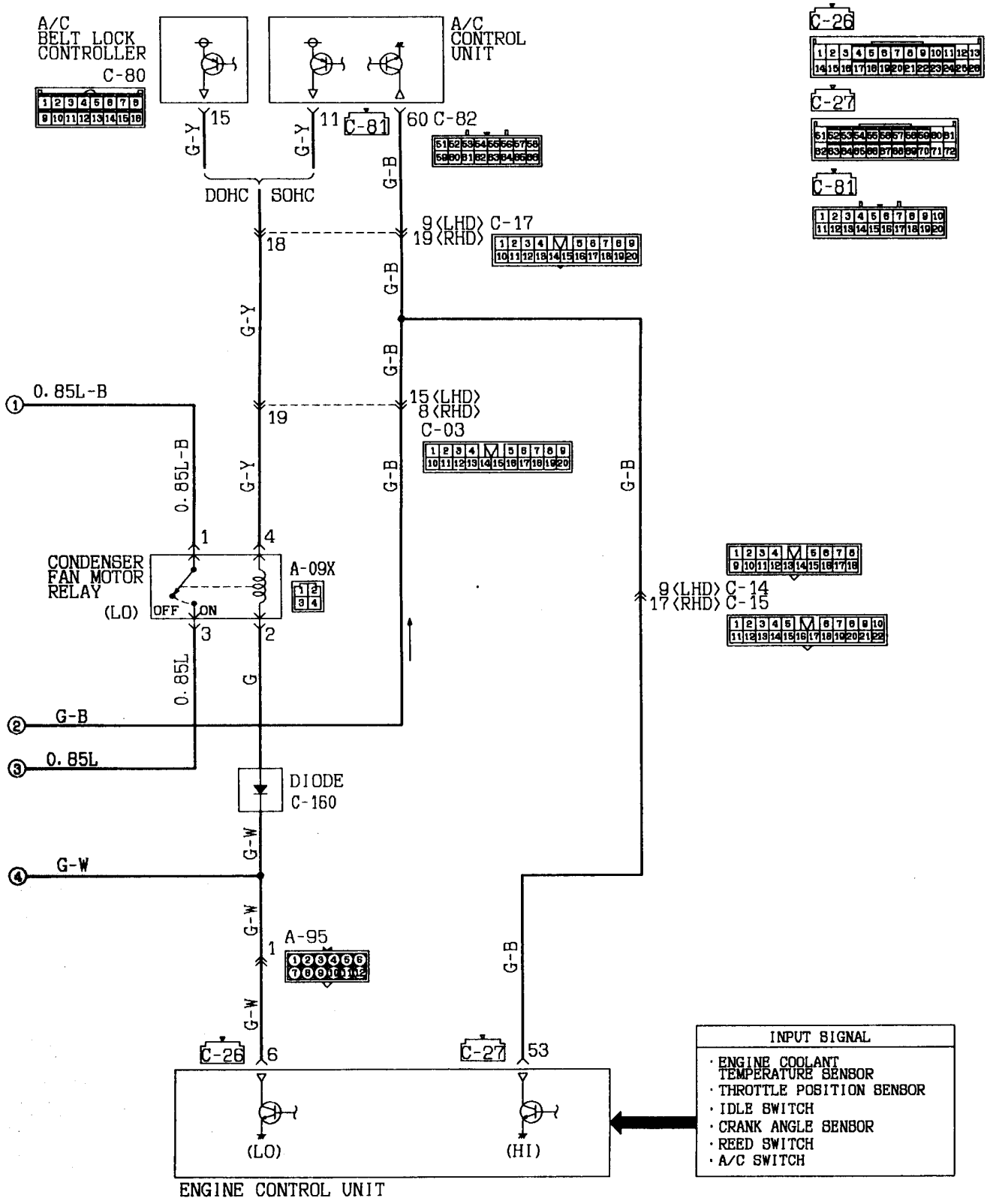
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COOLING SYSTEM



RX35-AC-J0604-EC

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COOLING SYSTEM (See P. 4-120.)

OPERATION

The engine control unit controls the operation speed of the radiator fan motor and condenser fan motor in accordance with the engine coolant temperature and vehicle speed by controlling the power transistors (low-speed side and high-speed side) inside the engine control unit.

1. Radiator Fan (Low-speed Operation)

- When the engine control unit turns the low-speed side power transistor inside the engine control unit ON, current flows from the ignition switch via the radiator fan motor relay (LO) coil to the engine control unit.
  When current flows to the fan motor relay coil, the relay switch turns ON, power to drive the motor is supplied, and current flows from the battery to the earth via the radiator fan motor, relay switch and resistor, causing the radiator fan to operate at low speed.

2. Condenser Fan (Low-speed Operation)

- Power from the A/C belt lock controller <DOHC> or A/C control unit <SOHC> is supplied to the condenser fan motor relay (LO) to turn it ON, causing the condenser fan to operate at low speed.

3. Radiator Fan and Condenser Fan (High-speed Operation)

- When the engine control unit turns the high-speed side power transistor inside the engine control unit ON, the radiator fan motor relay (HI) and the condenser fan motor relay (HI) operate and power is supplied to drive the radiator fan motor and condenser fan motor, causing the radiator fan and condenser fan to operate at high speed.

NOTE

- If there is a malfunction of the engine coolant temperature sensor, then engine control unit will cause the radiator fan motor and condenser fan motor to operate at high speed.

TROUBLESHOOTING HINTS

1. Radiator fan and condenser fan both do not operate.
   - Check fusible link No. ④.
2. Condenser fan only does not operate at all.
   - Check dedicated fuse No. ⑦.
3. Condenser fan does not operate at low speed.
   1) Compressor magnetic clutch also does not turn ON.
      - Check whether there is output from the A/C belt lock controller <DOHC>.
      - Check whether there is output from the A/C control <SOHC>.
   2) Compressor magnetic clutch turns ON.
      - Check the condenser fan motor relay (LO).
4. Radiator fan and condenser fan do not operate at high speed.
   - Check the engine control unit.

Fan Speed Operation Modes

Switch conditions					Fan speed operation conditions	
A/C belt lock controller <DOHC> or A/C control unit <SOHC> output	Vehicle speed (km/h)	Engine coolant temperature (°C)	Transistor inside engine control unit		Radiator fan	Condenser fan
			Low-speed side	High-speed side		
LO (0 V)	79 or less	Approx. 95 or less	OFF	OFF	Stopped	Stopped
		Approx. 95 or more	ON	OFF	Low speed	Stopped
		Approx. 105 or more	ON	ON	High speed	High speed
	80 or more	Approx. 105 or less	OFF	OFF	Stopped	Stopped
		Approx. 105 or more	ON	ON	High speed	High speed
HI (System voltage)	—	Approx. 105 or less	ON	OFF	Low speed	Low speed
		Approx. 105 or more	ON	ON	High speed	High speed

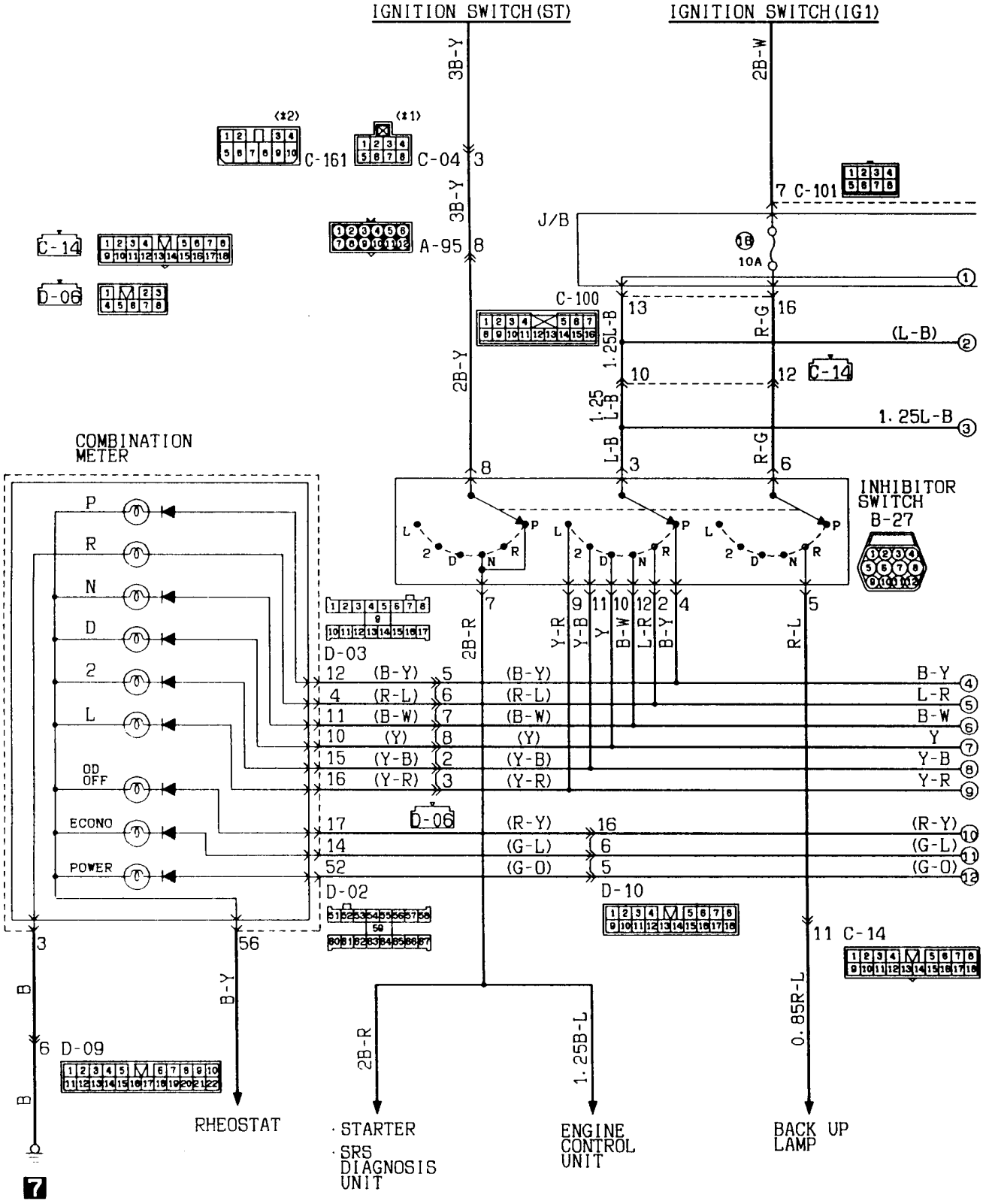
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NOTES

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ELC 4-SPEED AUTOMATIC TRANSMISSION

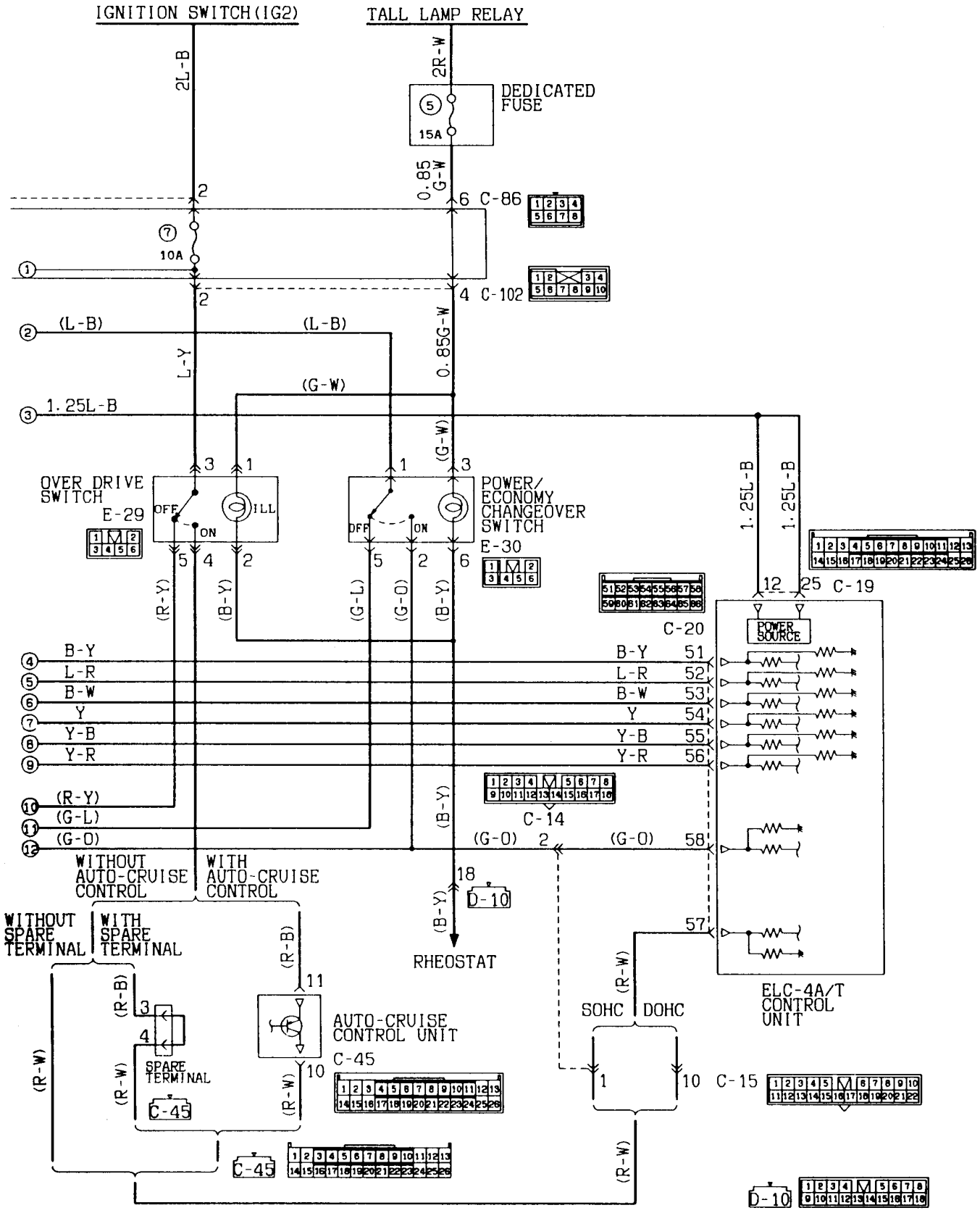
L.H. drive vehicles



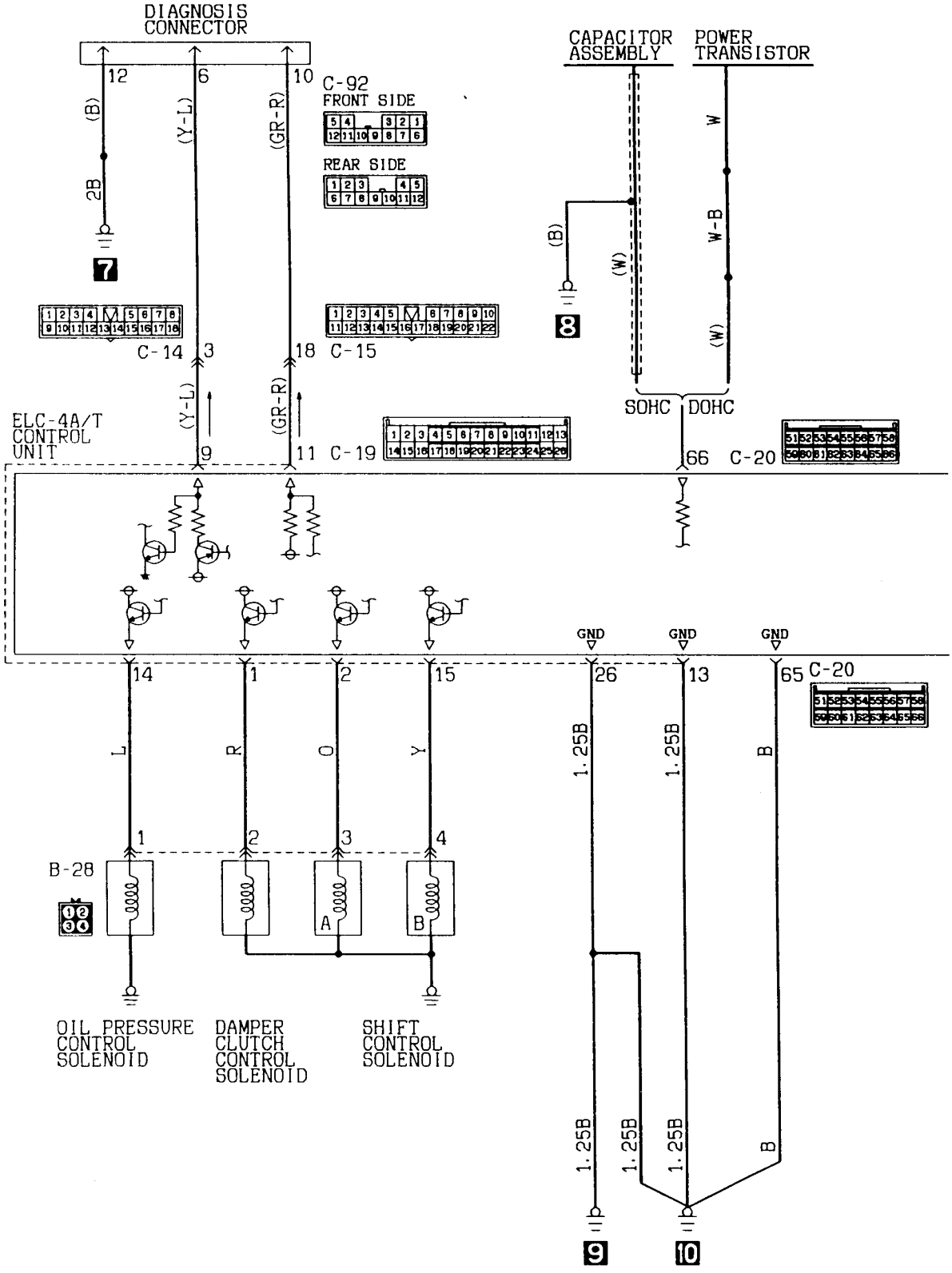
Remarks
*1 : Vehicles without front passenger air bag.
*2 : Vehicles with front passenger air bag.

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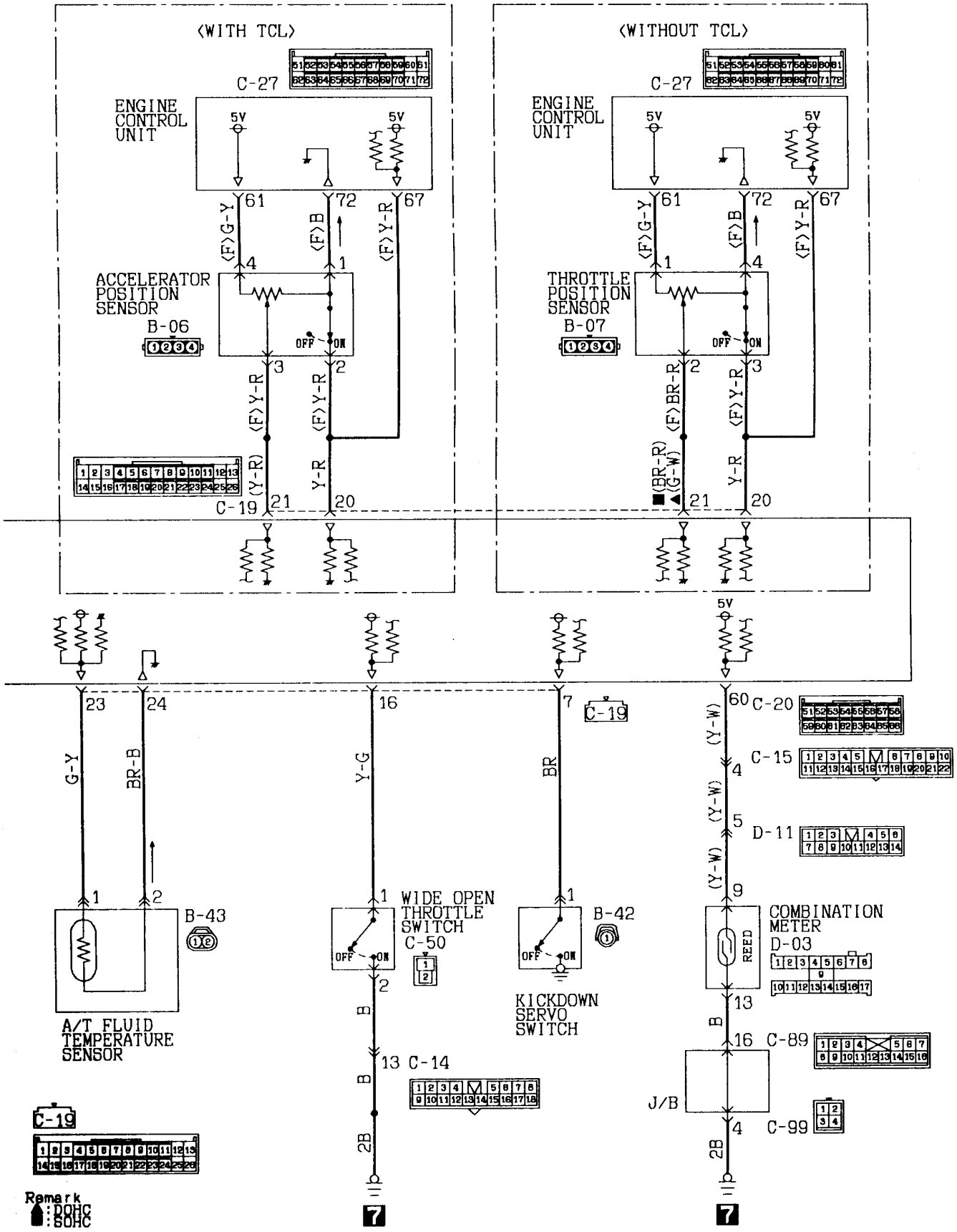

IGNITION SWITCH(IG2)
TALL LAMP RELAY
2L-B
2R-W
DEDICATED FUSE
15A
0.85 G-W
C-86
10A
C-102
(L-B)
(L-B)
L-Y
0.85G-W
(G-W)
1.25L-B
OVER DRIVE SWITCH
E-29
OFF
ILL
ON
POWER/ ECONOMY CHANGEOVER SWITCH
E-30
1.25L-B
C-19
C-20
POWER SOURCE
B-Y
L-R
B-W
Y
Y-B
Y-R
(R-Y)
(G-L)
(G-O)
C-14
WITHOUT AUTO-CRUISE CONTROL
WITH AUTO-CRUISE CONTROL
WITHOUT SPARE TERMINAL
WITH SPARE TERMINAL
RHEOSTAT
D-10
ELC-4A/T CONTROL UNIT
SOHC
DOHC
AUTO-CRUISE CONTROL UNIT
C-45
SPARE TERMINAL
C-15

ELC 4-SPEED AUTOMATIC TRANSMISSION
L.H. drive vehicles (CONTINUED)



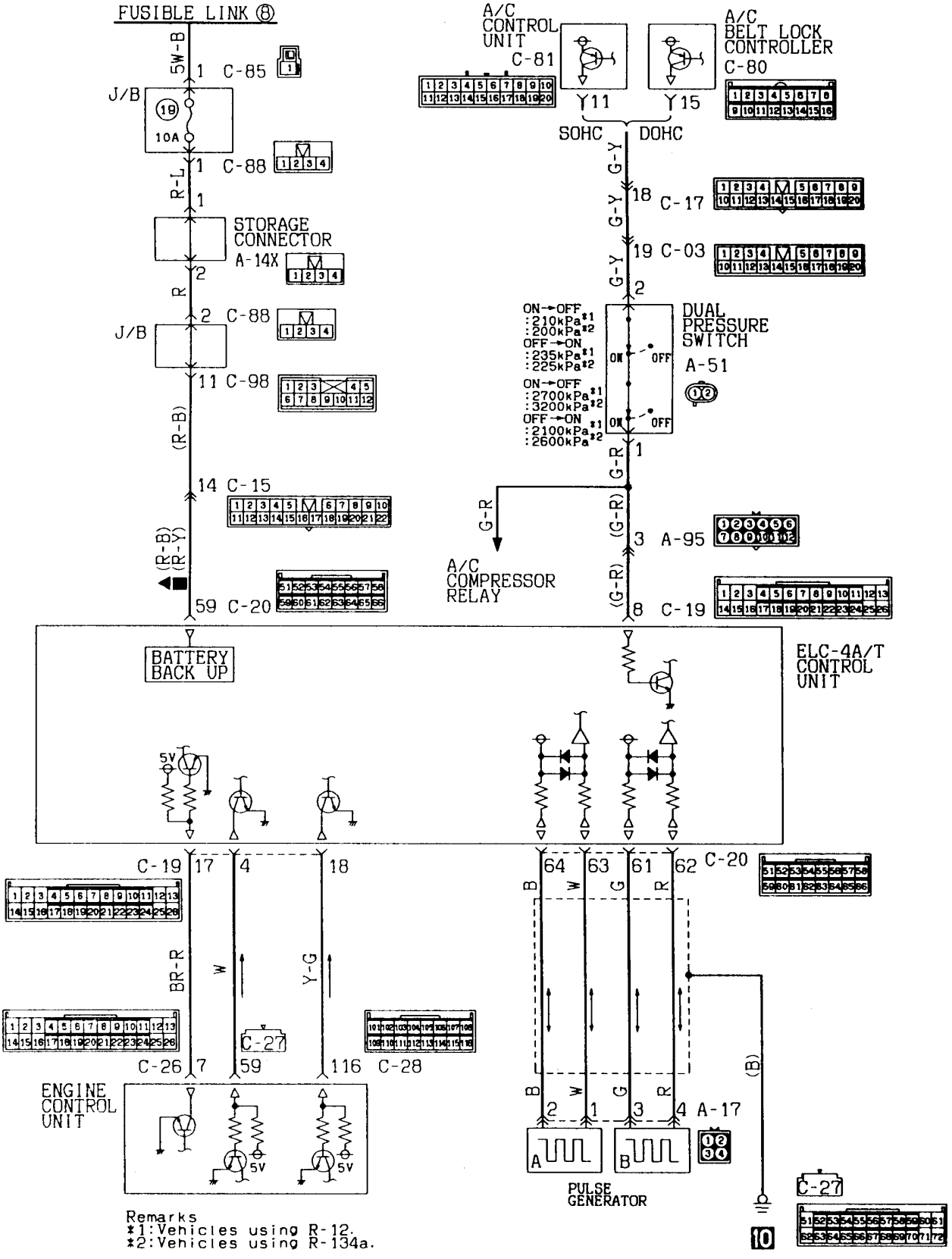
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ELC 4-SPEED AUTOMATIC TRANSMISSION
L.H. drive vehicles (CONTINUED)



Remarks
*1: Vehicles using R-12.
*2: Vehicles using R-134a.

KX35-AC-J0707B-EC

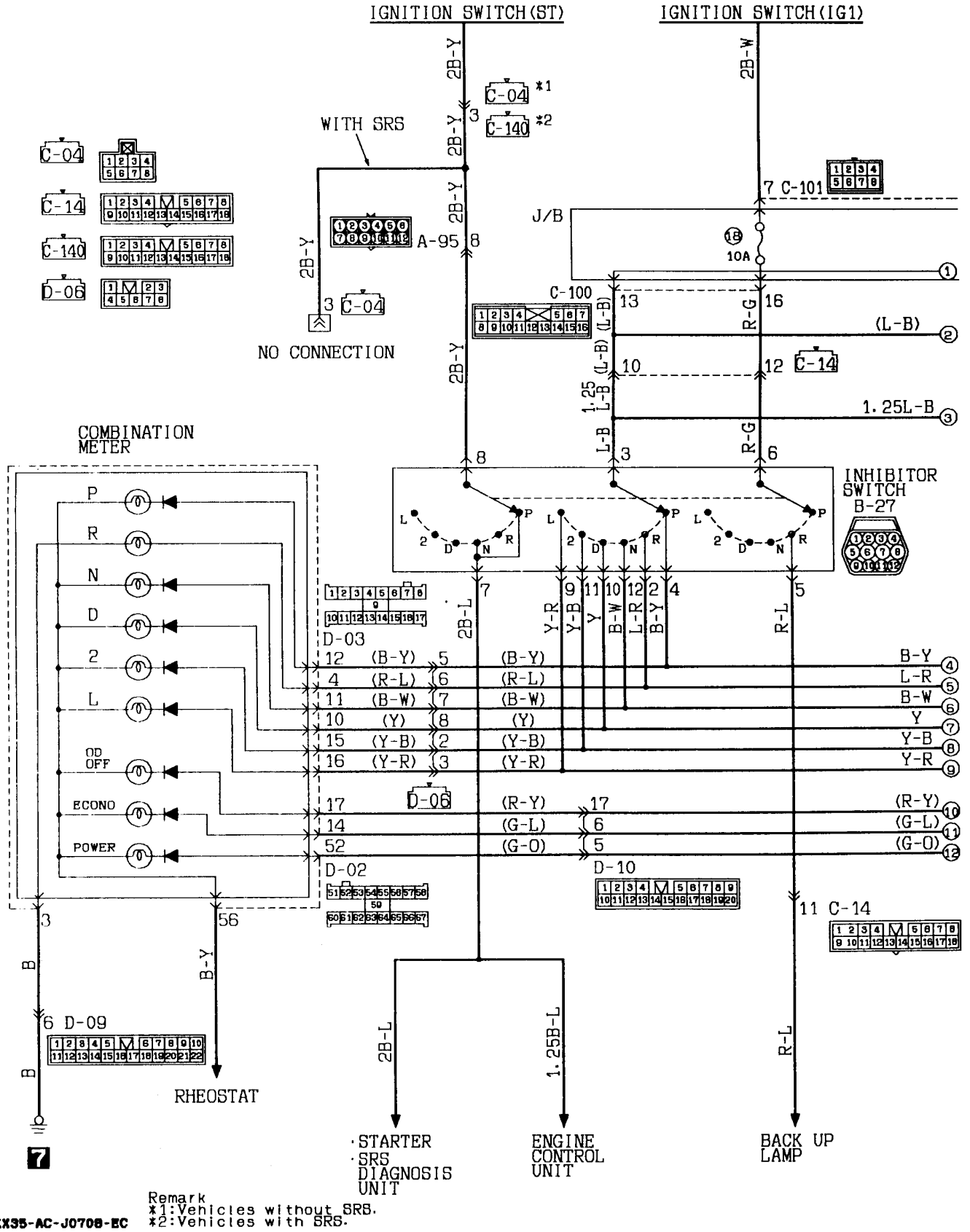
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ELC 4-SPEED AUTOMATIC TRANSMISSION

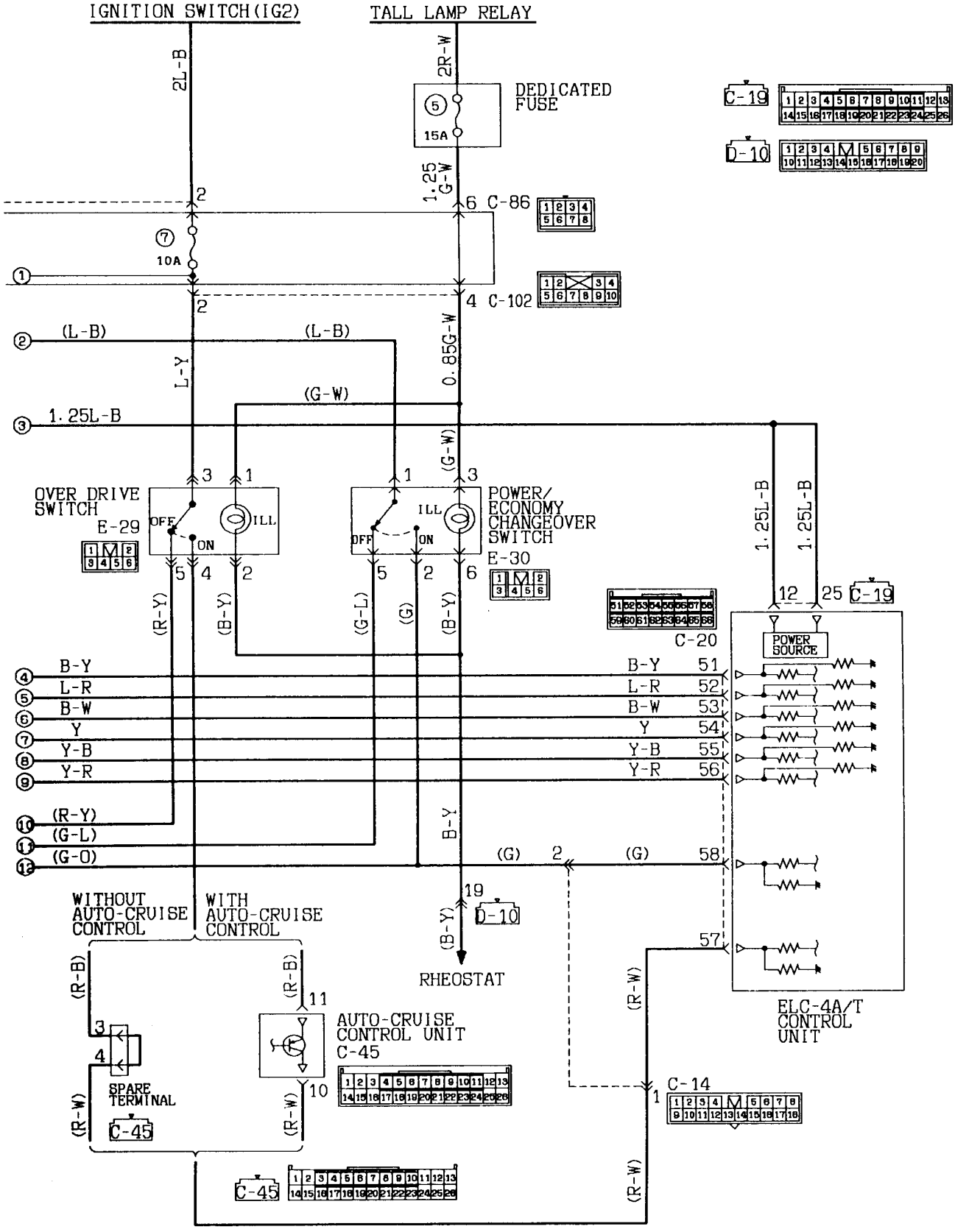
R.H. drive vehicles



Remark
*1:Vehicles without SRS.
*2:Vehicles with SRS.

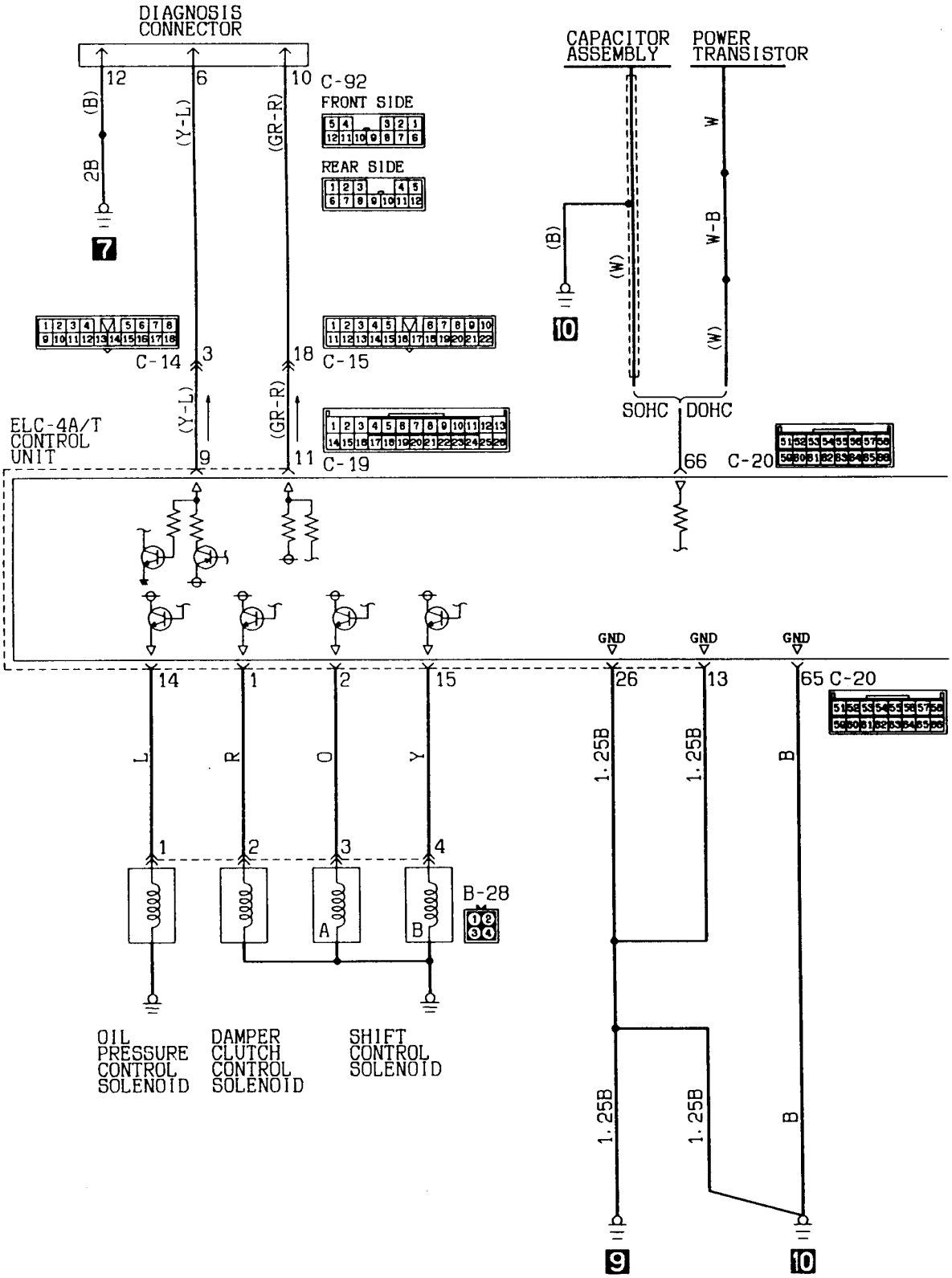
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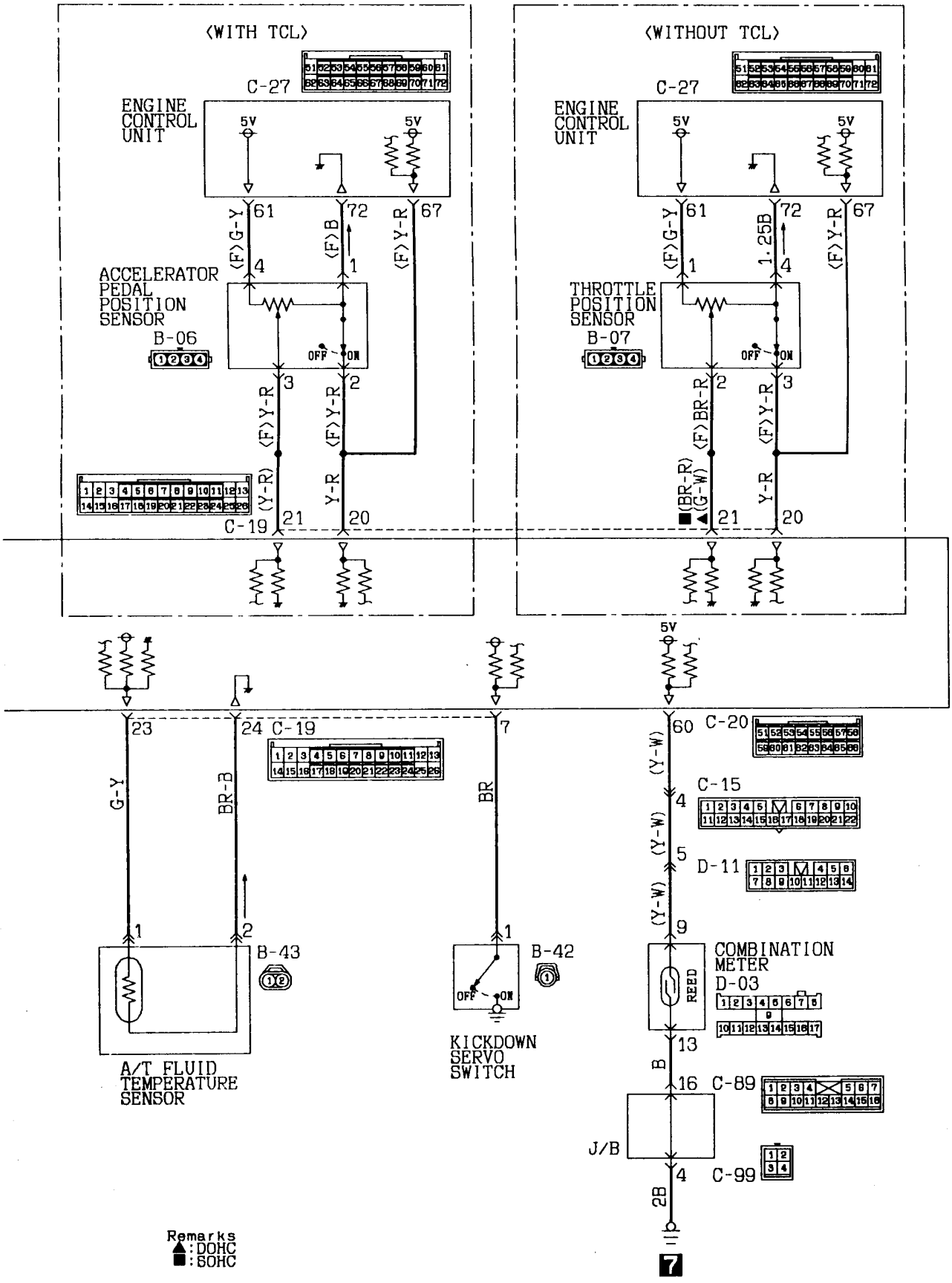
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ELC 4-SPEED AUTOMATIC TRANSMISSION
R.H. drive vehicles (CONTINUED)



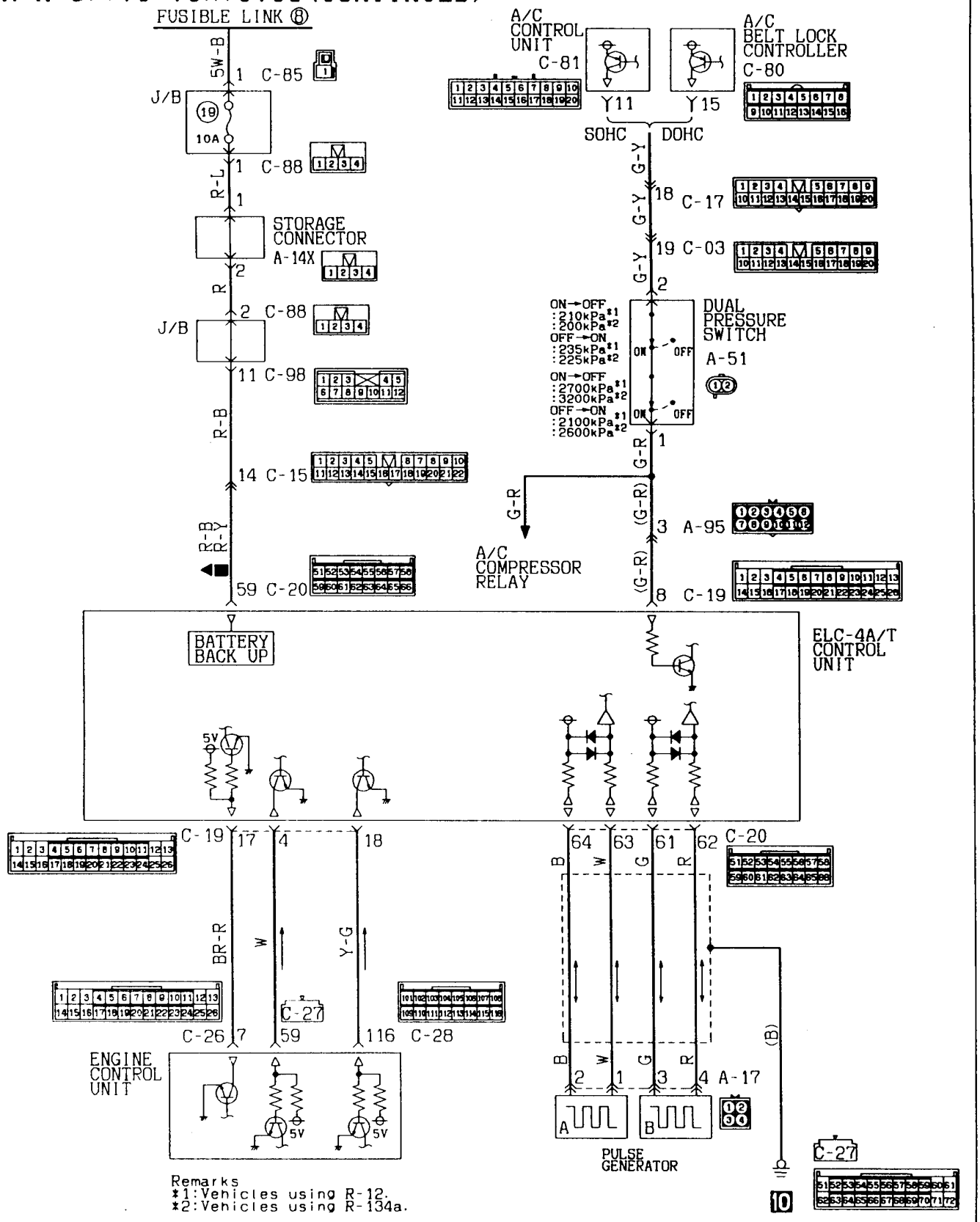
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ELC 4-SPEED AUTOMATIC TRANSMISSION
R.H. drive vehicles (CONTINUED)



Remarks
*1: Vehicles using R-12.
*2: Vehicles using R-134a.

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HEADLAMP 〈Vehicles with daytime running lamp〉 (See P. 4-136, 138-1)

OPERATION

Headlamp Relay ON Conditions

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

〈Daytime running lamp operation〉

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

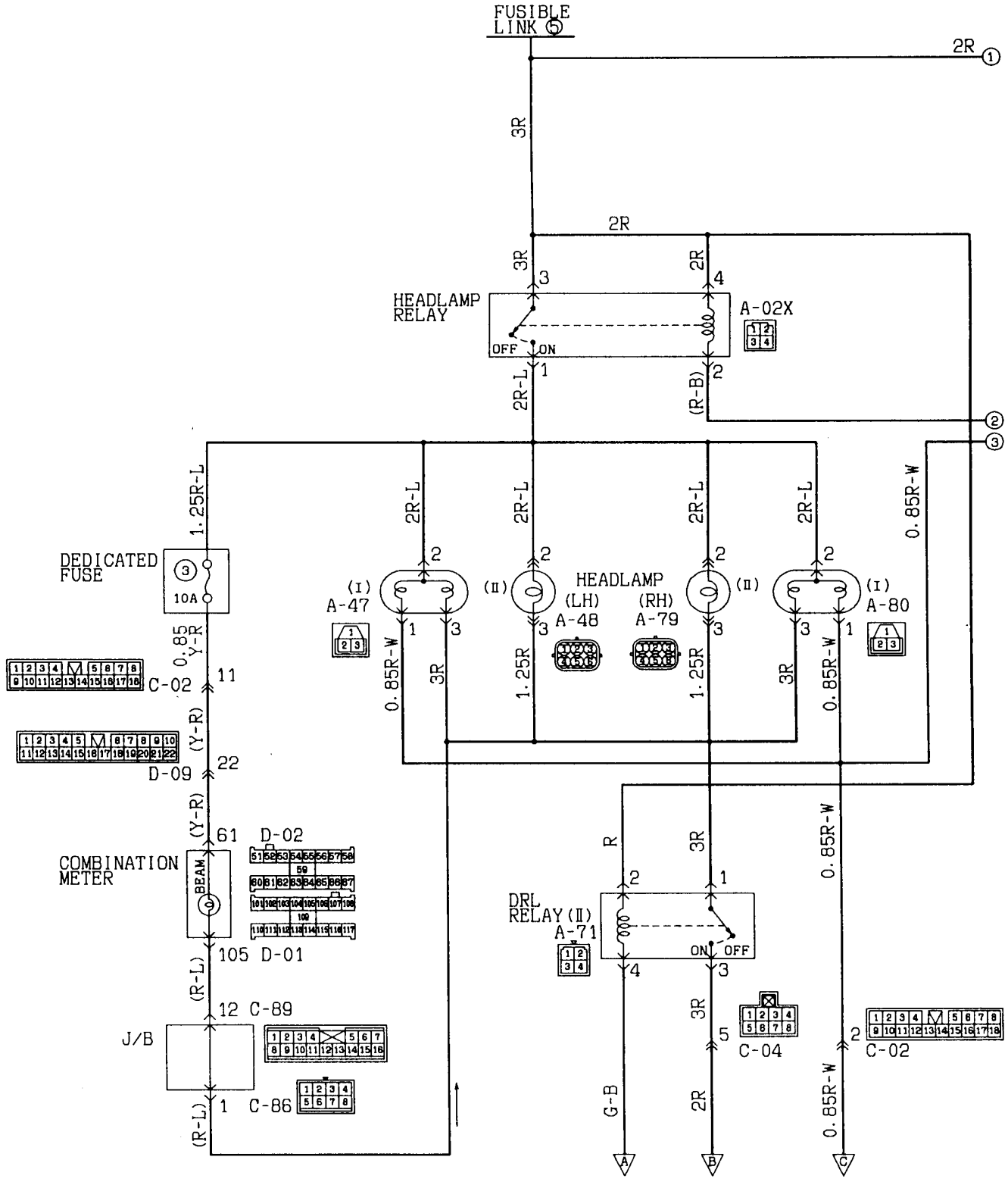
TROUBLESHOOTING HINTS

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.

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HEADLAMP

Vehicles with daytime running lamp
<Vehicles built up to April, 1994>

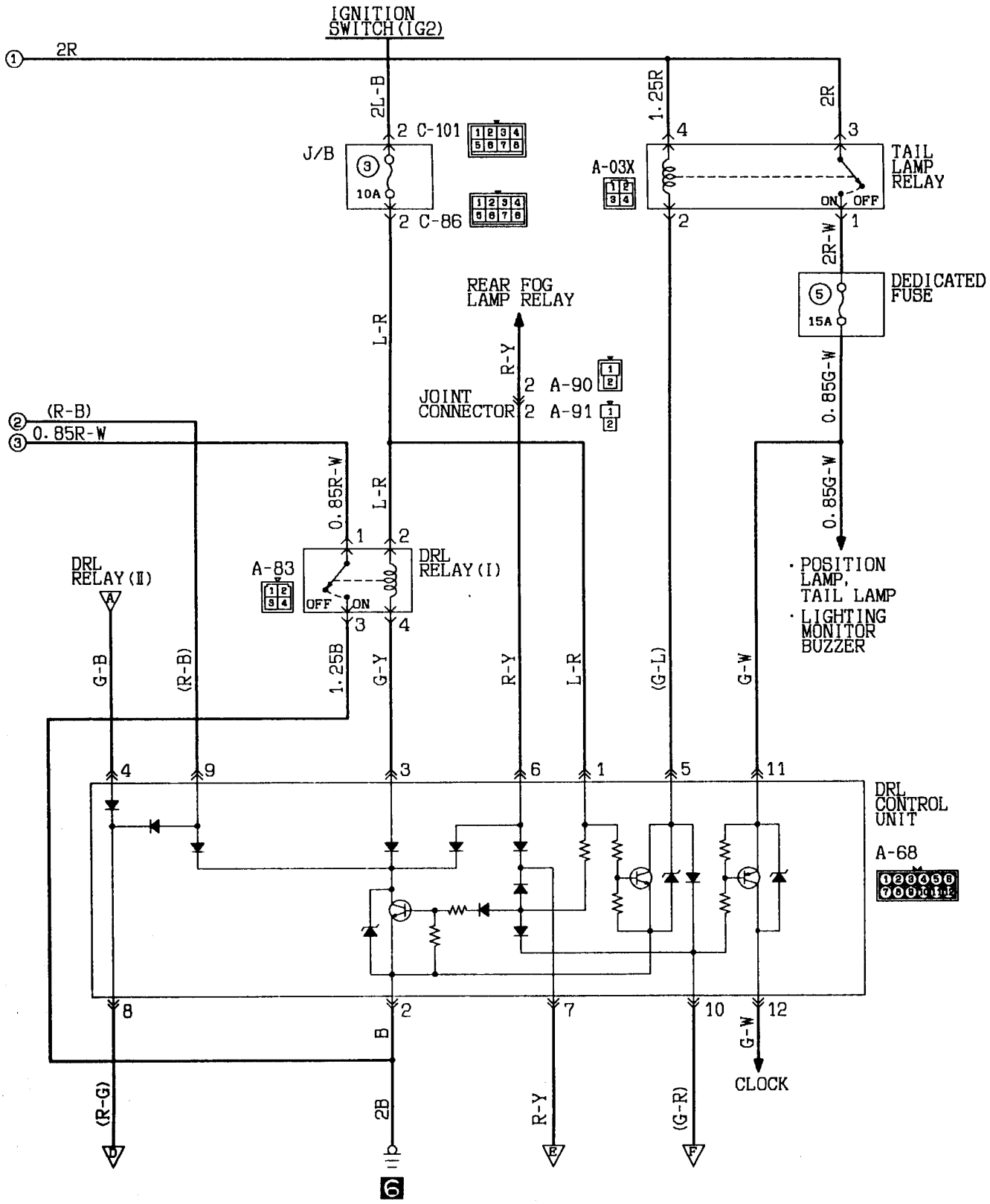


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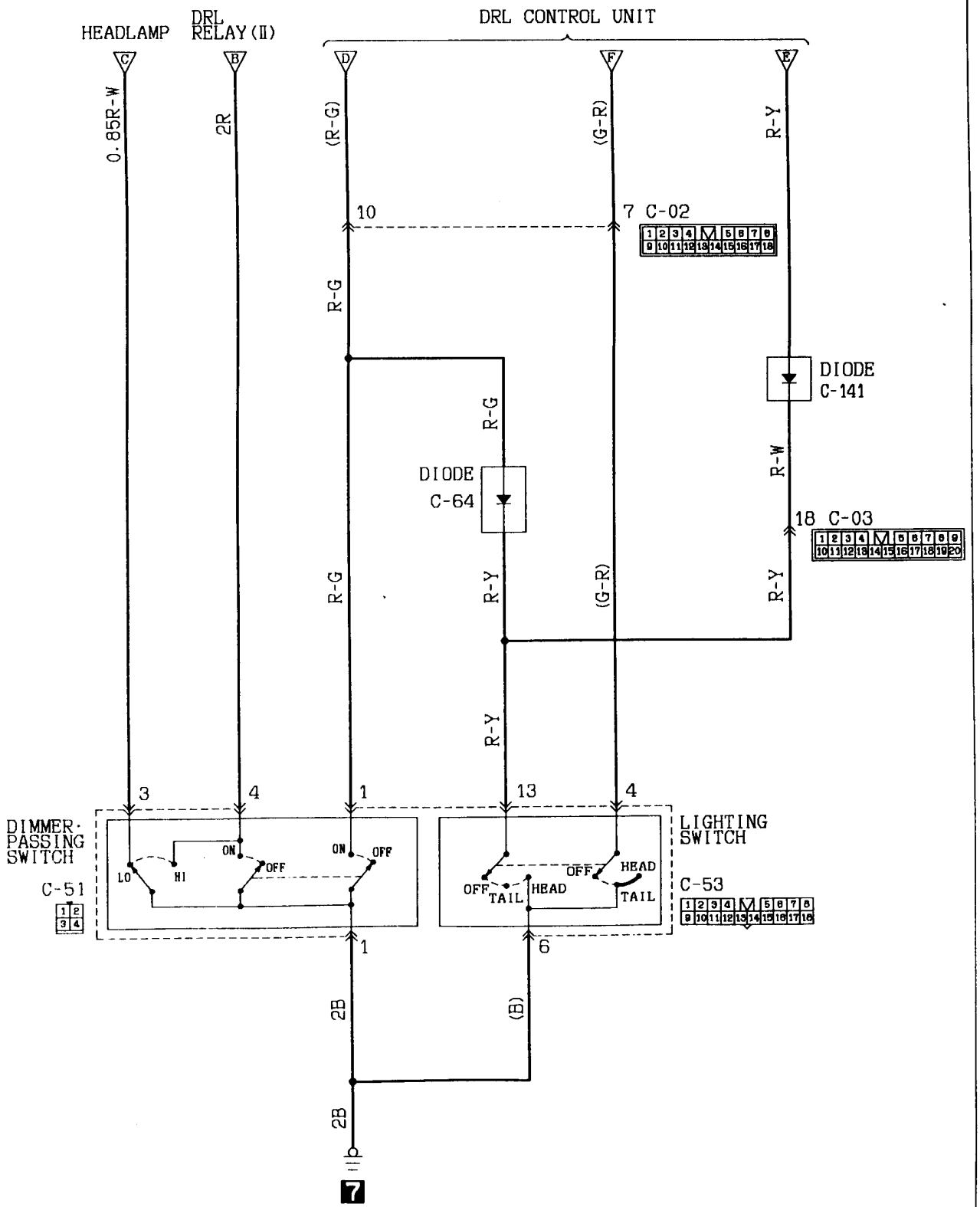
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BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		

KX35-AC-J0851-EC

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

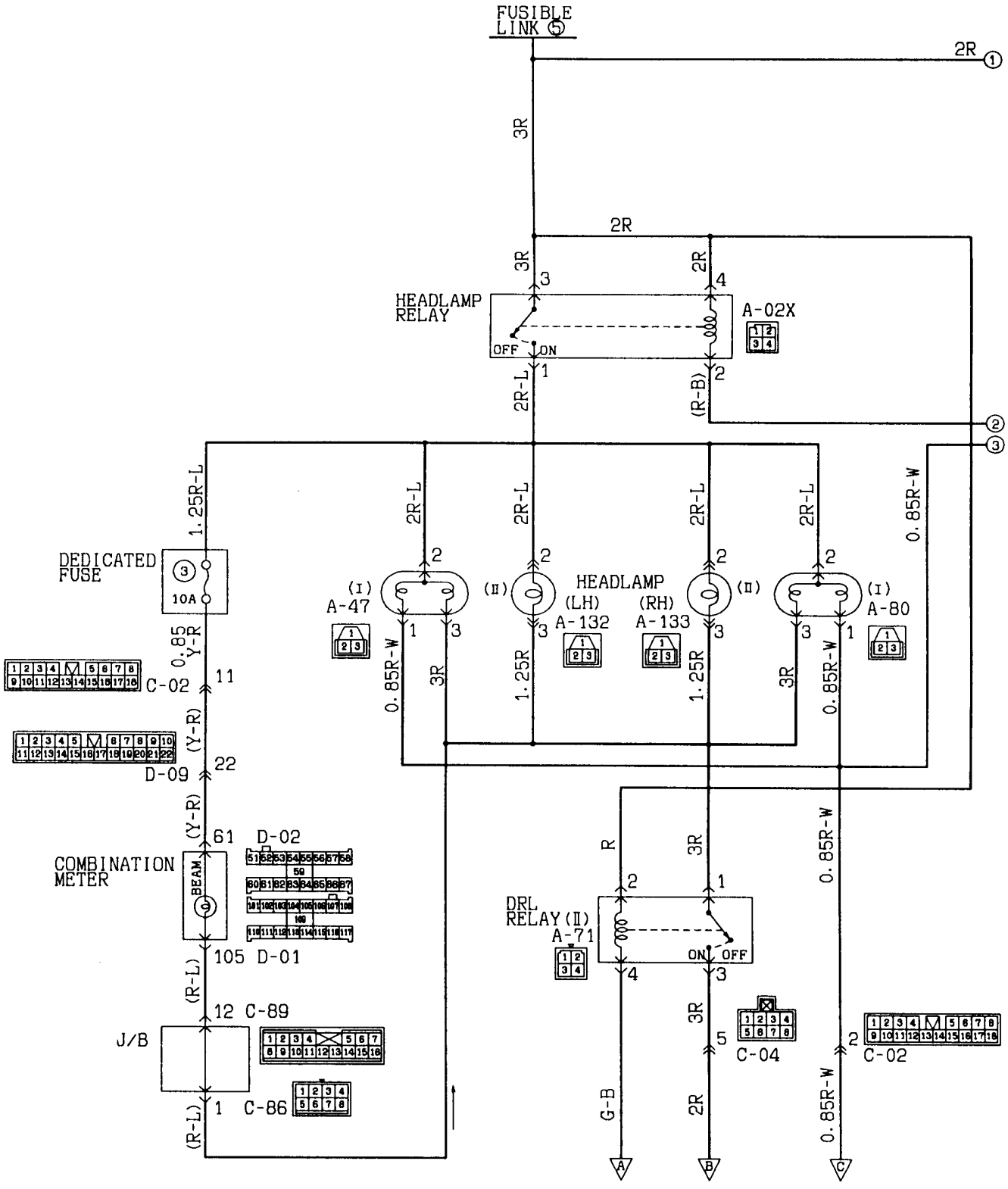
KX35-AC-J0851A-EC

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NOTES

HEADLAMP

Vehicles with daytime running lamp
<Vehicles built from May, 1994>

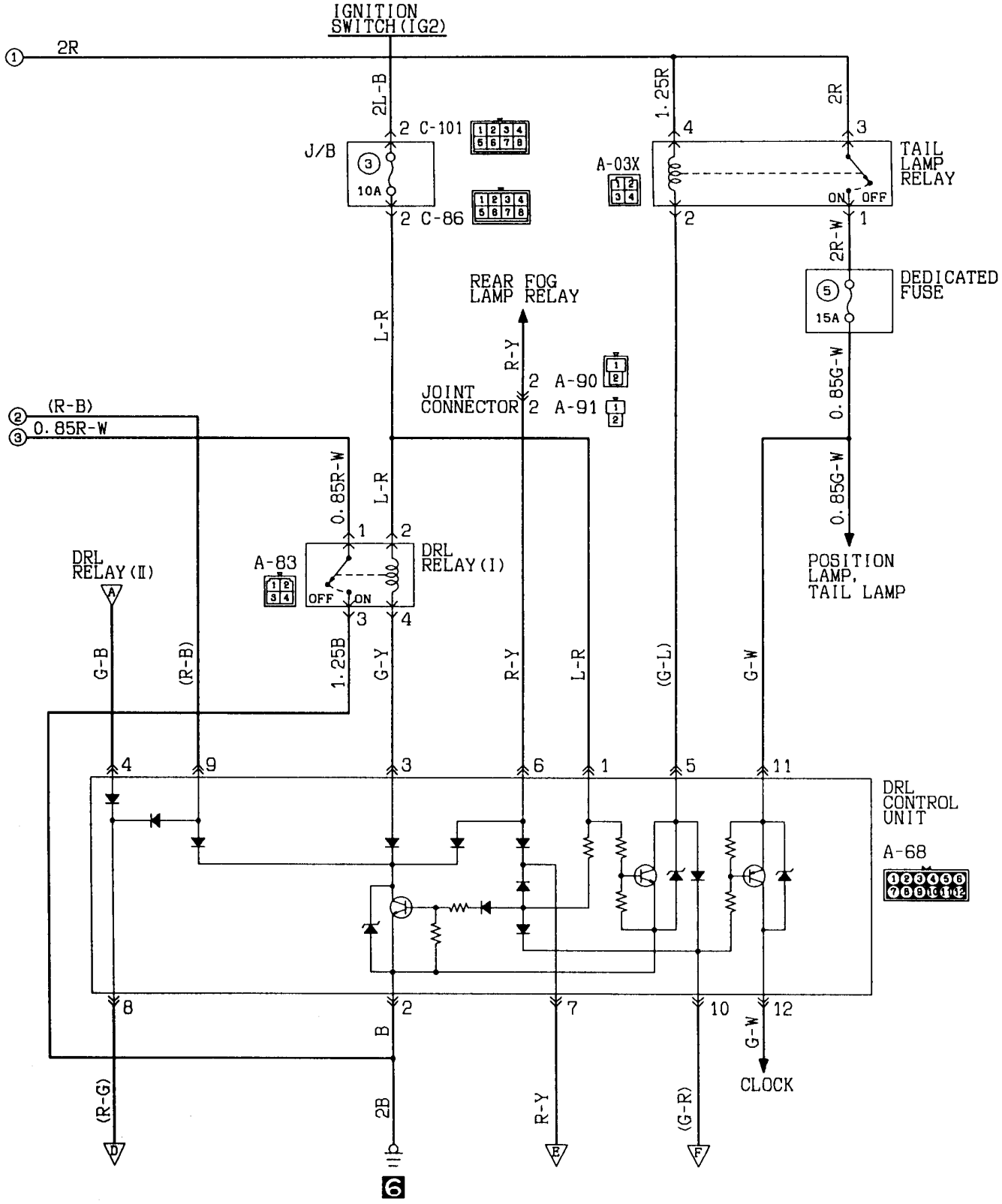


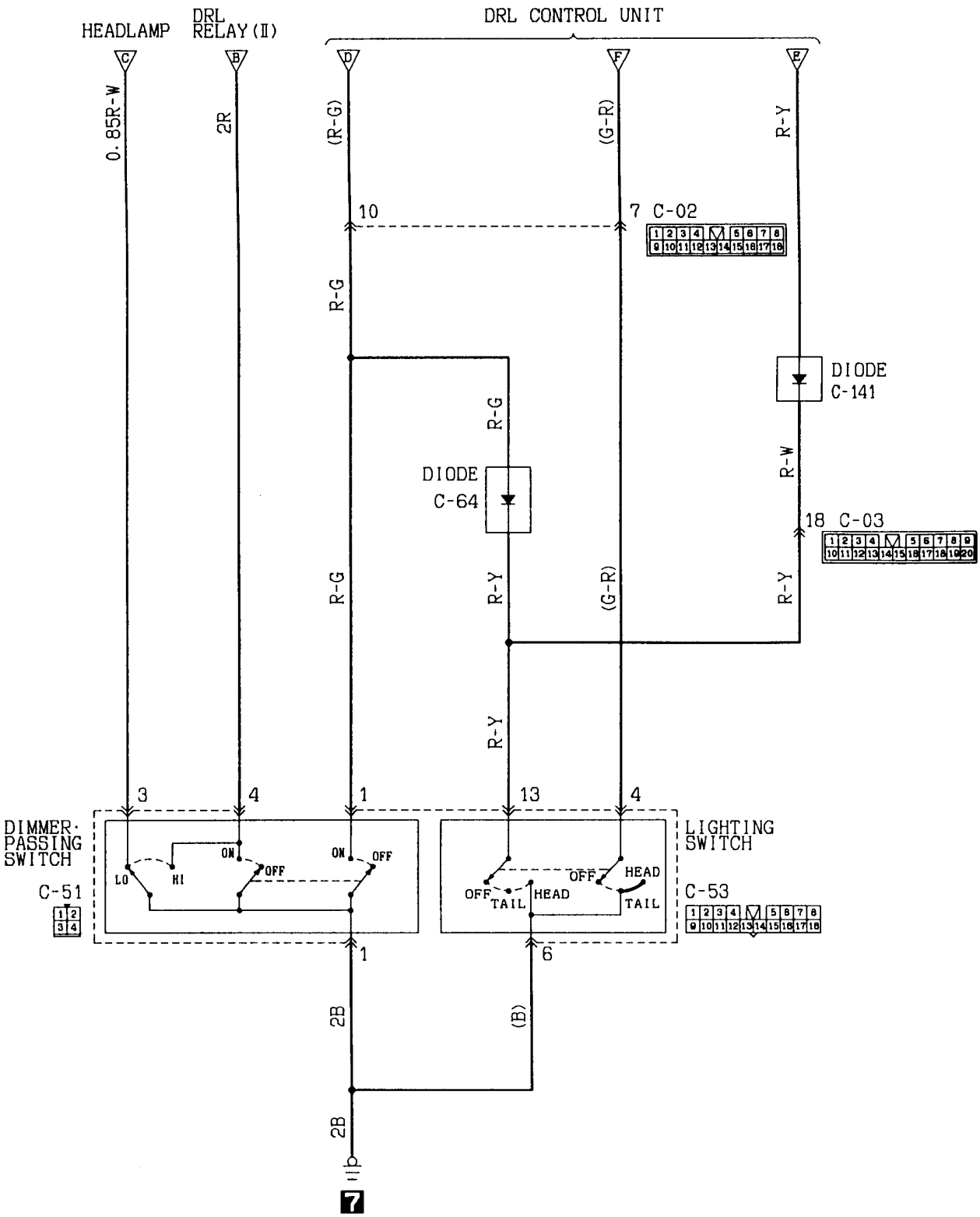
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BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		

KX35-AC-J0872-EC

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IGNITION SWITCH (IG2)
2R
2L-B
2 C-101
J/B
10A
2 C-86
1.25R
2R
A-03X
TAIL LAMP RELAY
ON OFF
2R-W
DEDICATED FUSE
15A
0.85G-W
REAR FOG LAMP RELAY
R-Y
JOINT CONNECTOR
2 A-90
2 A-91
L-R
(R-B)
0.85R-W
POSITION LAMP, TAIL LAMP
DRL RELAY (II)
A-83
DRL RELAY (I)
OFF ON
1.25B
G-Y
G-B
(R-B)
R-Y
L-R
(G-L)
G-W
DRL CONTROL UNIT
A-68
B
2B
(R-G)
R-Y
(G-R)
CLOCK
6



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

KX35-AC-J0872A-EC

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HEADLAMP 〈Vehicles without daytime running lamp〉 (See P. 4-140, 141-1)

OPERATION

Headlamp Relay ON Conditions

Ignition switch	Lighting switch	Dimmer/ passing switch	Headlamp relay
—	"HEAD"	—	ON
—	—	"PASS"	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.

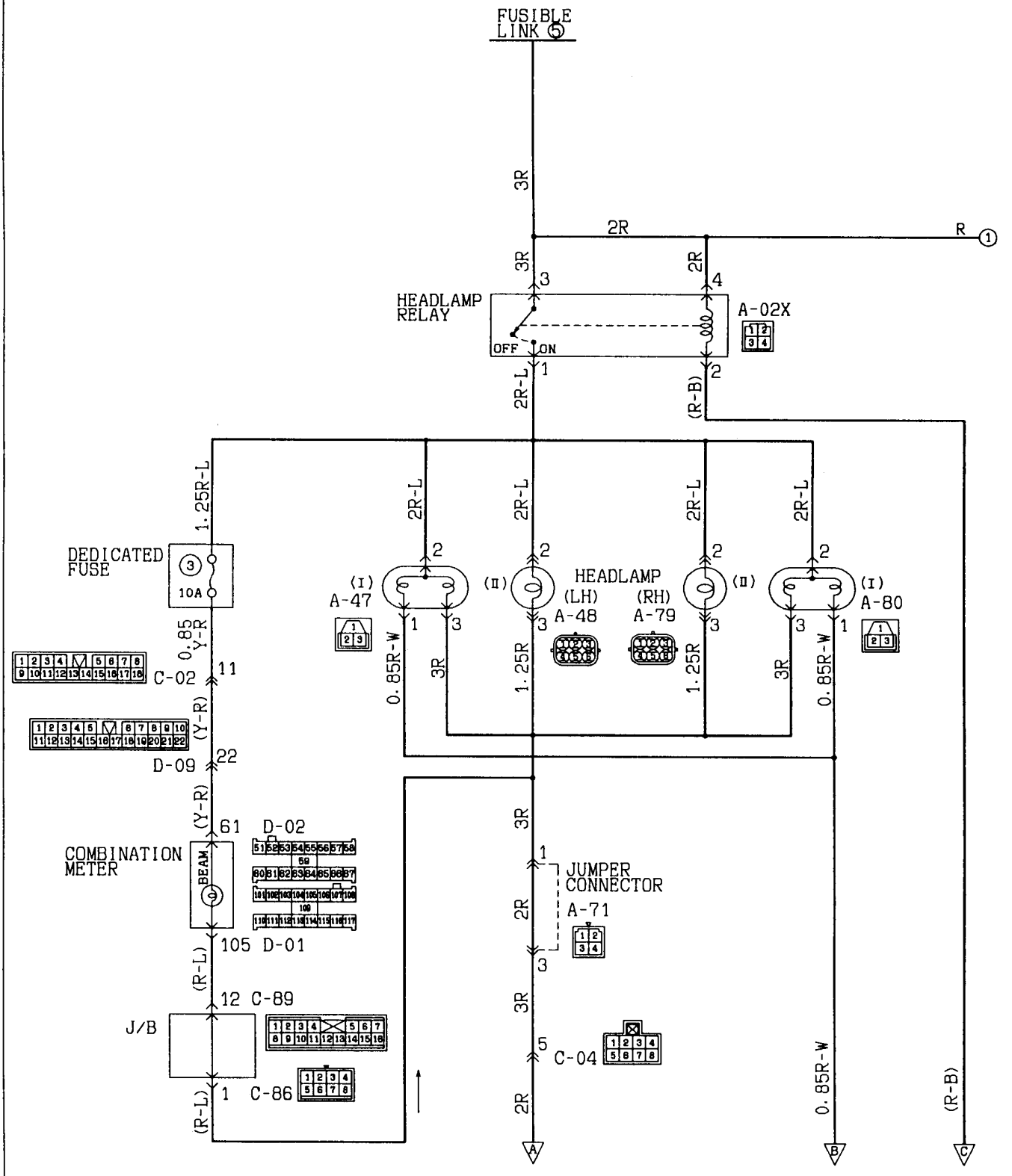
TROUBLESHOOTING HINTS

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.

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HEADLAMP

Vehicles without daytime running lamp
<Vehicles built up to April, 1994>

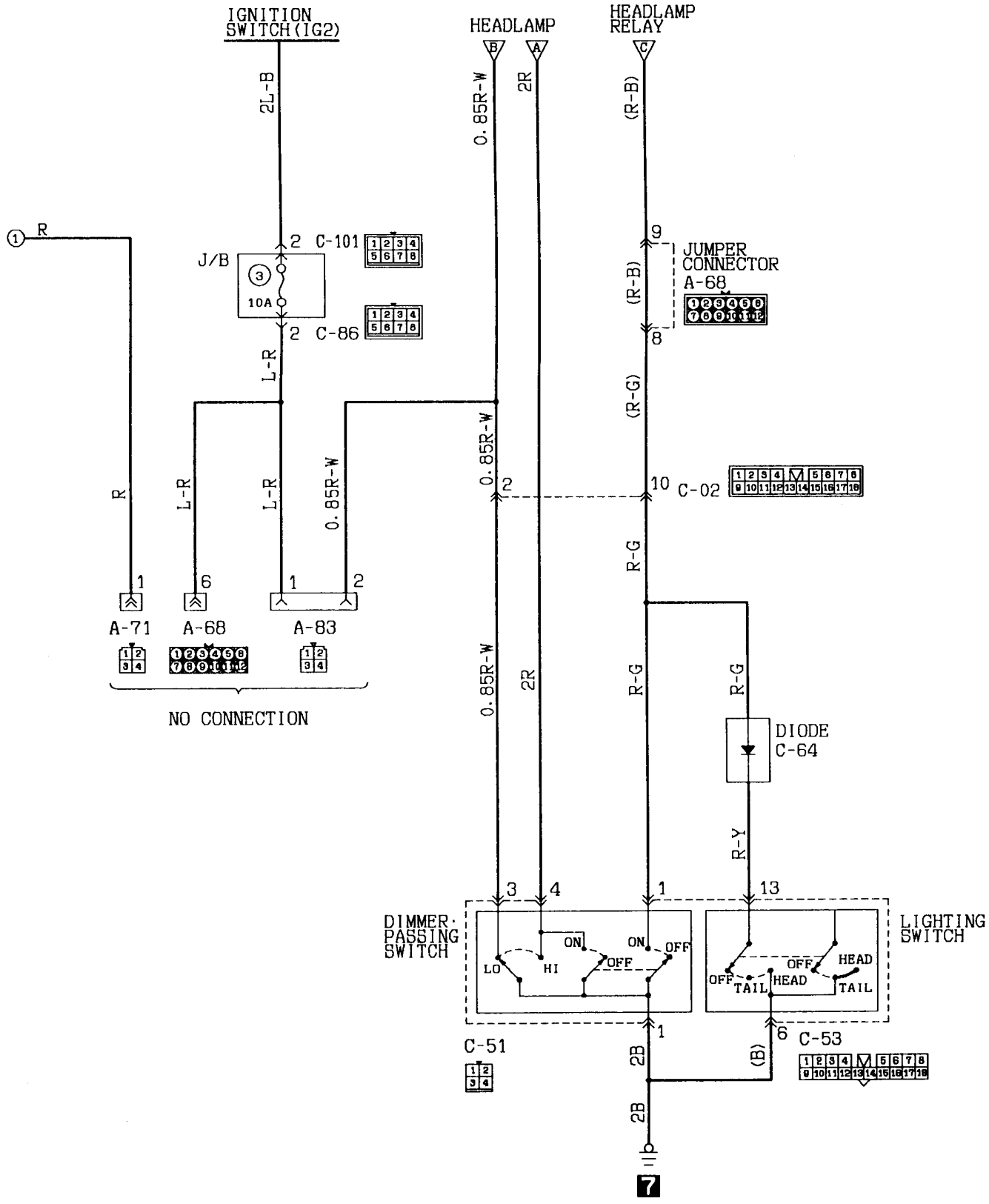


Wire colour code

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

KX35-AC-J0874-EC

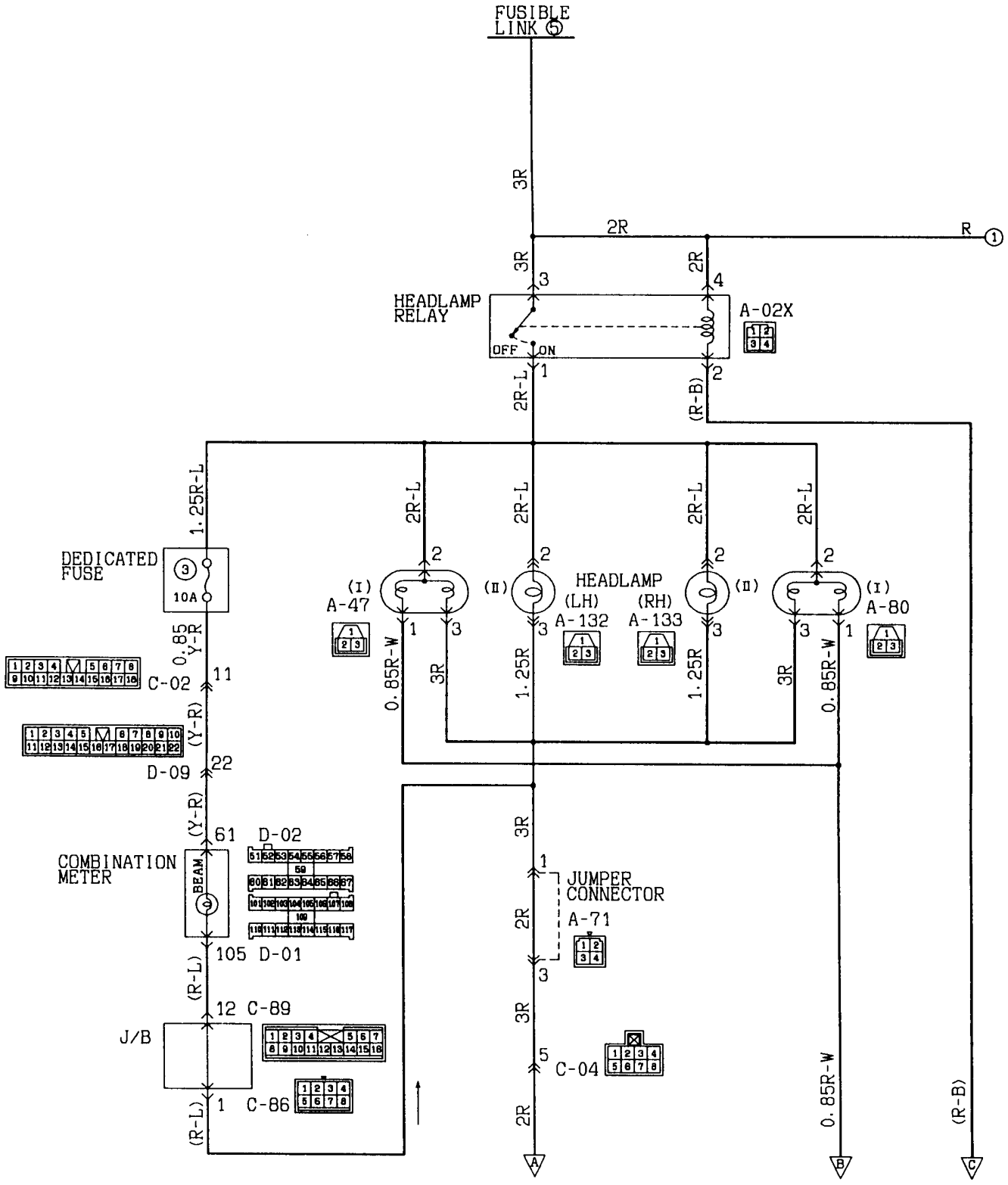
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HEADLAMP

Vehicles without daytime running lamp
<Vehicles built from May, 1994>

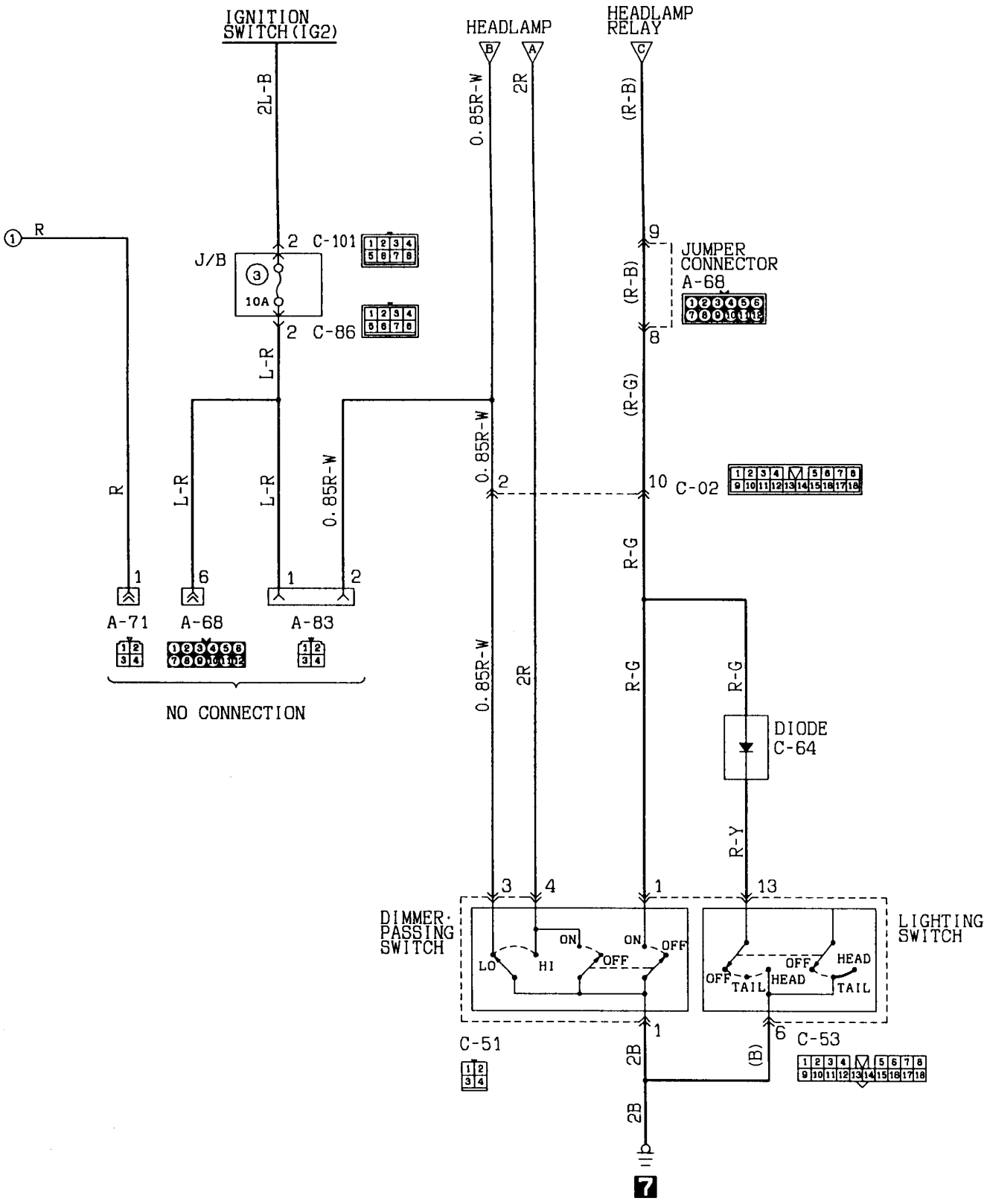


Wire colour code

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

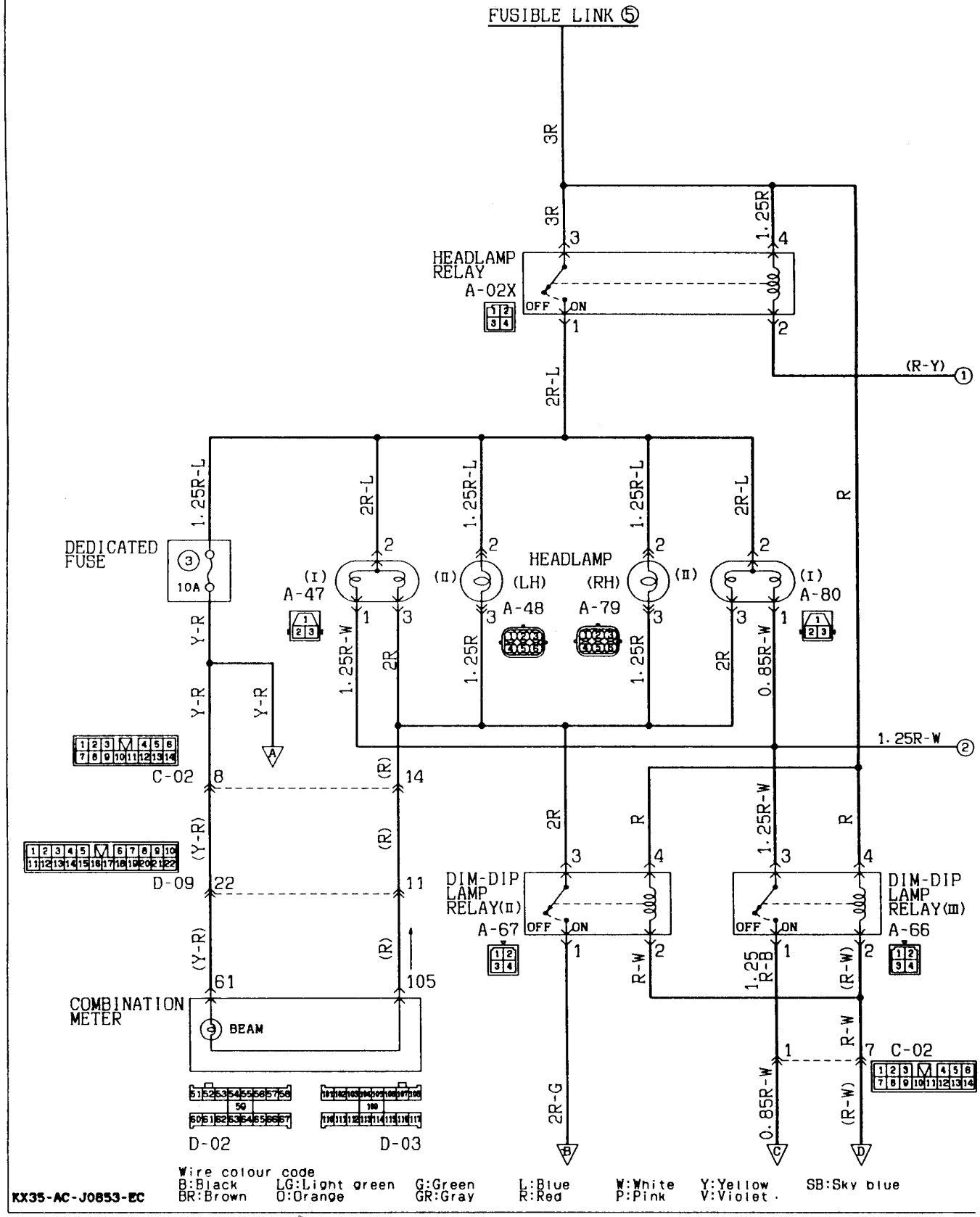
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IGNITION SWITCH(IG2)
HEADLAMP
HEADLAMP RELAY
2L-B
0.85R-W
2R
(R-B)
R
J/B
10A
C-101
C-86
L-R
JUMPER CONNECTOR A-68
(R-G)
C-02
A-71
A-68
A-83
NO CONNECTION
DIODE C-64
R-Y
DIMMER· PASSING SWITCH
LIGHTING SWITCH
ON
OFF
LO
HI
HEAD
TAIL
C-51
C-53
2B
(B)

HEADLAMP

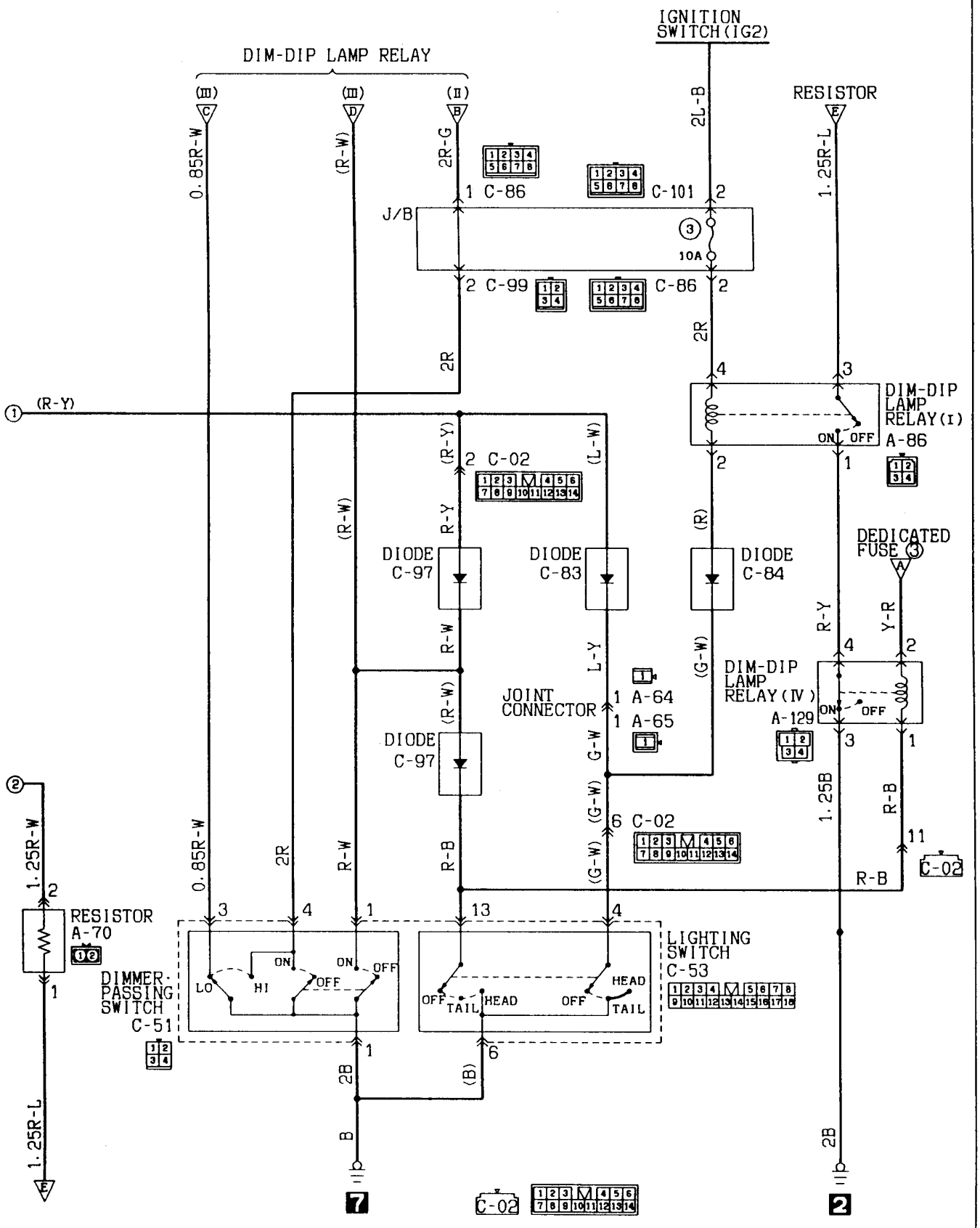
Vehicles with dim-dip lamp
<Vehicles built up to January 1993>



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

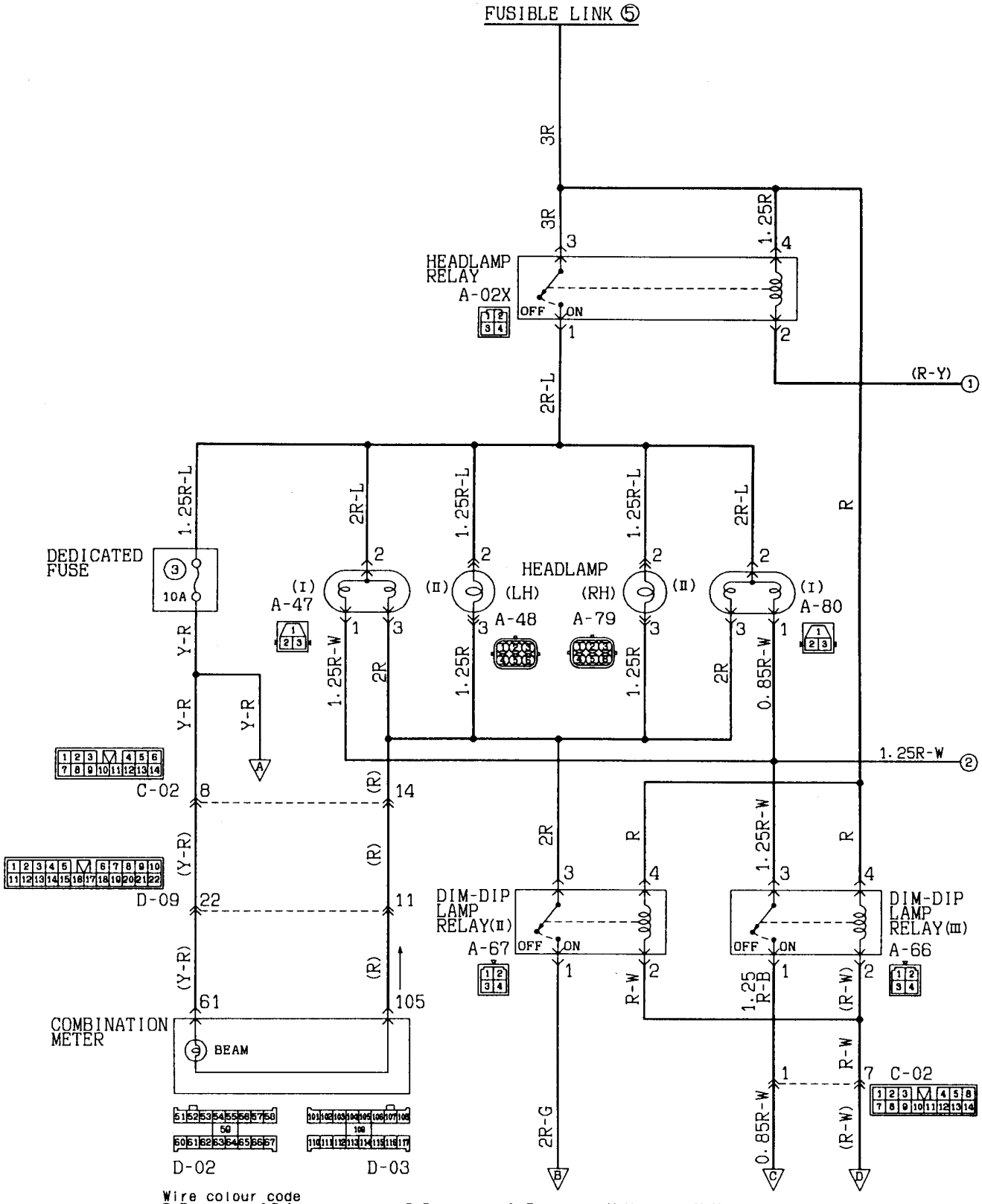
KX35-AC-J0853-EC

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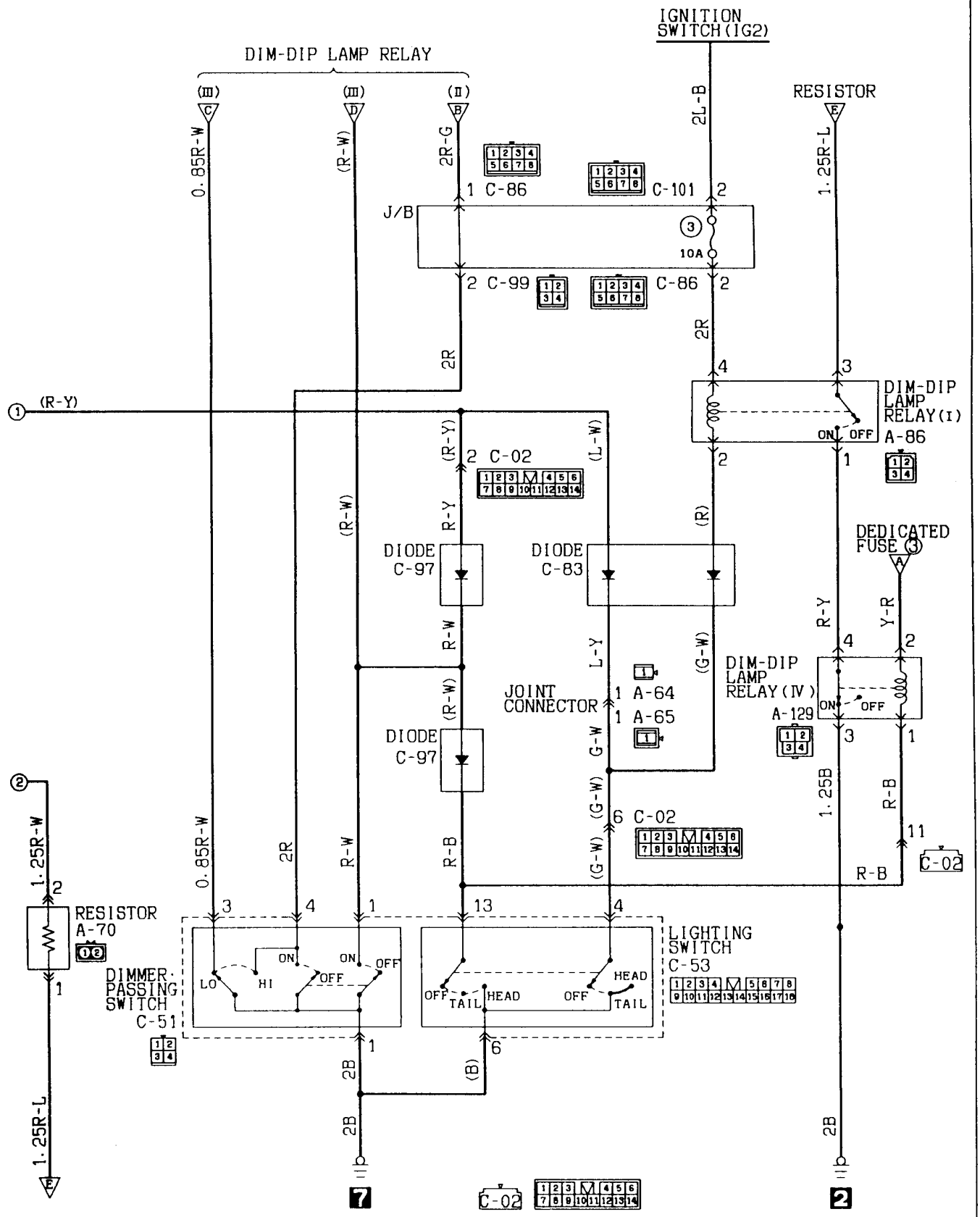

IGNITION SWITCH(IG2)
DIM-DIP LAMP RELAY
RESISTOR
2L-B
0.85R-W
(R-W)
2R-G
1.25R-L
C-86
C-101
J/B
10A
C-99
C-86
2R
(R-Y)
DIM-DIP LAMP RELAY(I)
A-86
ON OFF
C-02
(L-W)
R-Y
(R)
DIODE C-97
DIODE C-83
DIODE C-84
DEDICATED FUSE 3
Y-R
DIM-DIP LAMP RELAY(IV)
A-129
JOINT CONNECTOR
A-64
A-65
L-Y
G-W
(G-W)
1.25B
R-B
11
1.25R-W
RESISTOR A-70
DIMMER-PASSING SWITCH C-51
LO HI ON ON OFF OFF
LIGHTING SWITCH C-53
OFF TAIL HEAD OFF HEAD OFF TAIL
2B
(B)
B
7
2

HEADLAMP

Vehicles with dim-dip lamp
<Vehicles built from February, 1993 up to April, 1994>



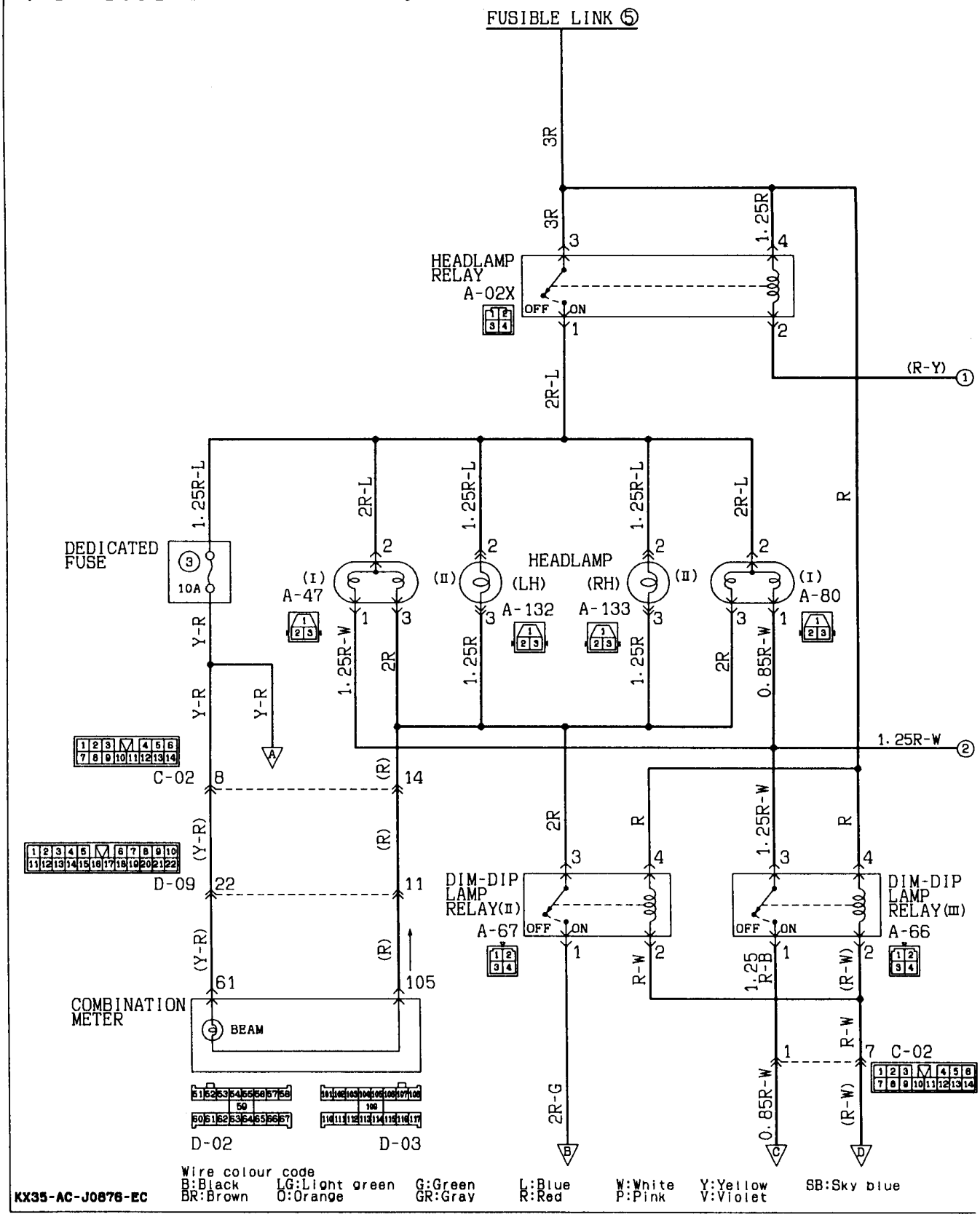
KX35-AC-J0875-EC



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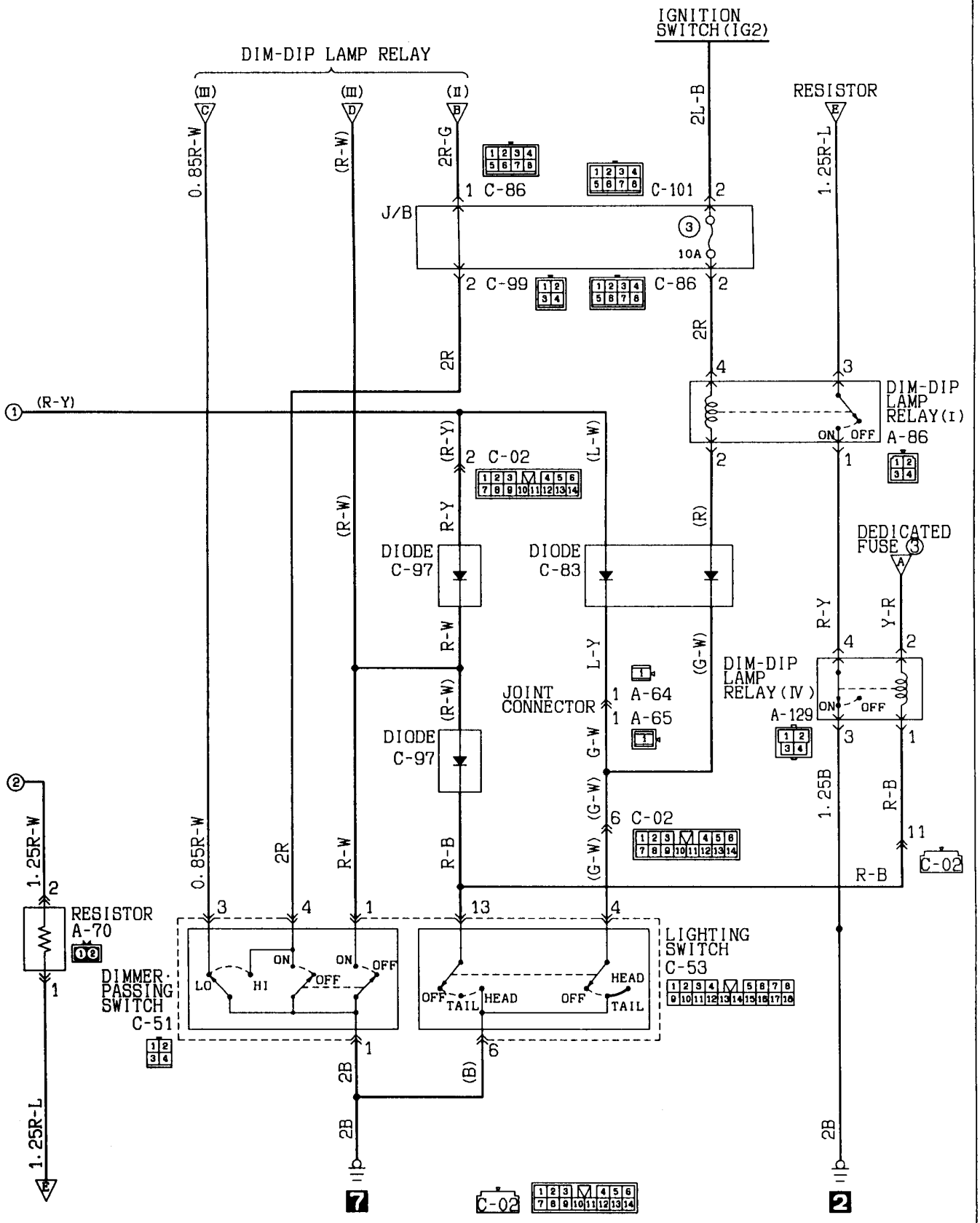
HEADLAMP

Vehicles with dim-dip lamp
<Vehicles built from May, 1994>



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HEADLAMP <Vehicles with dim-dip lamp> (See P. 4-142, 143-1, 143-3)

OPERATION

Headlamp Relay ON Conditions

Ignition switch	Lighting switch	Dimmer/ passing switch	Headlamp relay
—	"TAIL"	—	ON
—	"HEAD"	—	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.

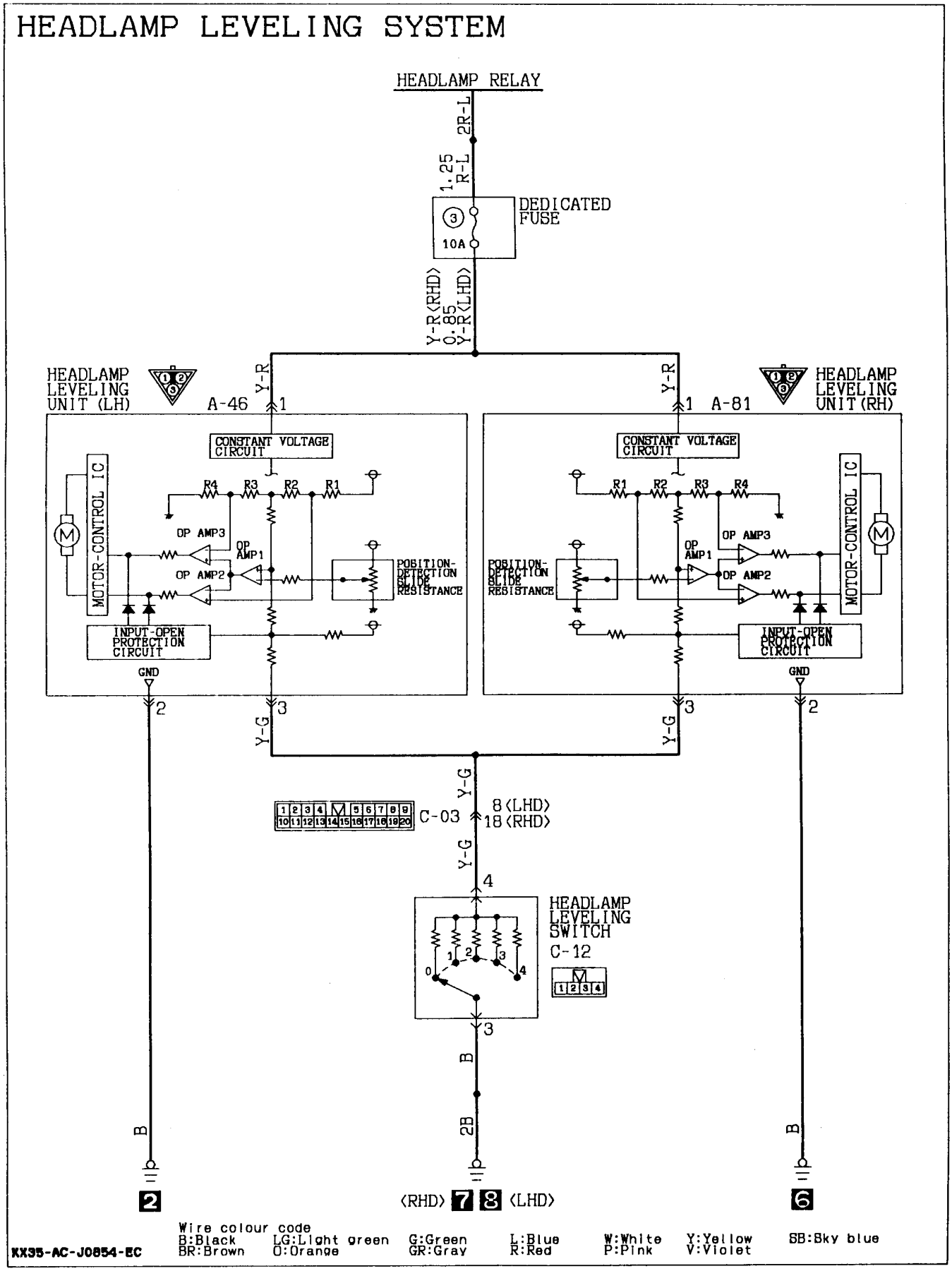
TROUBLESHOOTING HINTS

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.

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NOTES

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HEADLAMP LEVELING SYSTEM (See P. 4-146.)

OPERATION

1. Headlamps angle-downward operation

- When the lighting switch is set to the "HEAD" position, the headlamp relay is switched ON, and battery voltage is applied, through the headlamp-leveling unit, to dedicated fuse No. ③.
- When the headlamp-leveling switch setting is changed from "0" to "1", the positive (+) input terminal voltage of the comparator OP AMP 1 (located within the headlamp-leveling unit) becomes greater than the negative (−) input terminal standard reference voltage value, and OP AMP 1 outputs HIGH signals to OP AMP 2 and OP AMP 3.
- As a result of these HIGH signals, OP AMP 2 outputs LOW signals and OP AMP 3 outputs HIGH signals to the motor-control IC.
- When this happens, the motor-control IC is switched ON, current flows to the motor, and the motor rotates in the forward direction.
- The rotation of the motor, after passing through the gears and the output shaft, causes the headlamp reflectors to move to a downward angle, thus changing the angle of headlamp illumination.
- At this time, the position-detection sliding resistance is activated in the direction of the low resistance value, after which the OP AMP 1 negative (−) input terminal voltage value and positive (+) input terminal voltage value become equivalent, and OP AMP 2 and OP AMP 3 both output HIGH signals.
- When this happen, the motor-control IC is switched OFF and the motor stops.

NOTE

(1) The same operation occurs if the headlamp-leveling switch is set to another position.

(2) The input open protection circuit functions to stop the operation of the motor if there is an abnormal condition, such as damaged or disconnected wiring within the headlamp-leveling unit or of the wiring harness.

2. Headlamps angle-upward operation

- The headlamp angle-upward operation is the opposite logic of the downward operation; the motor operates in the reverse direction and then stops.

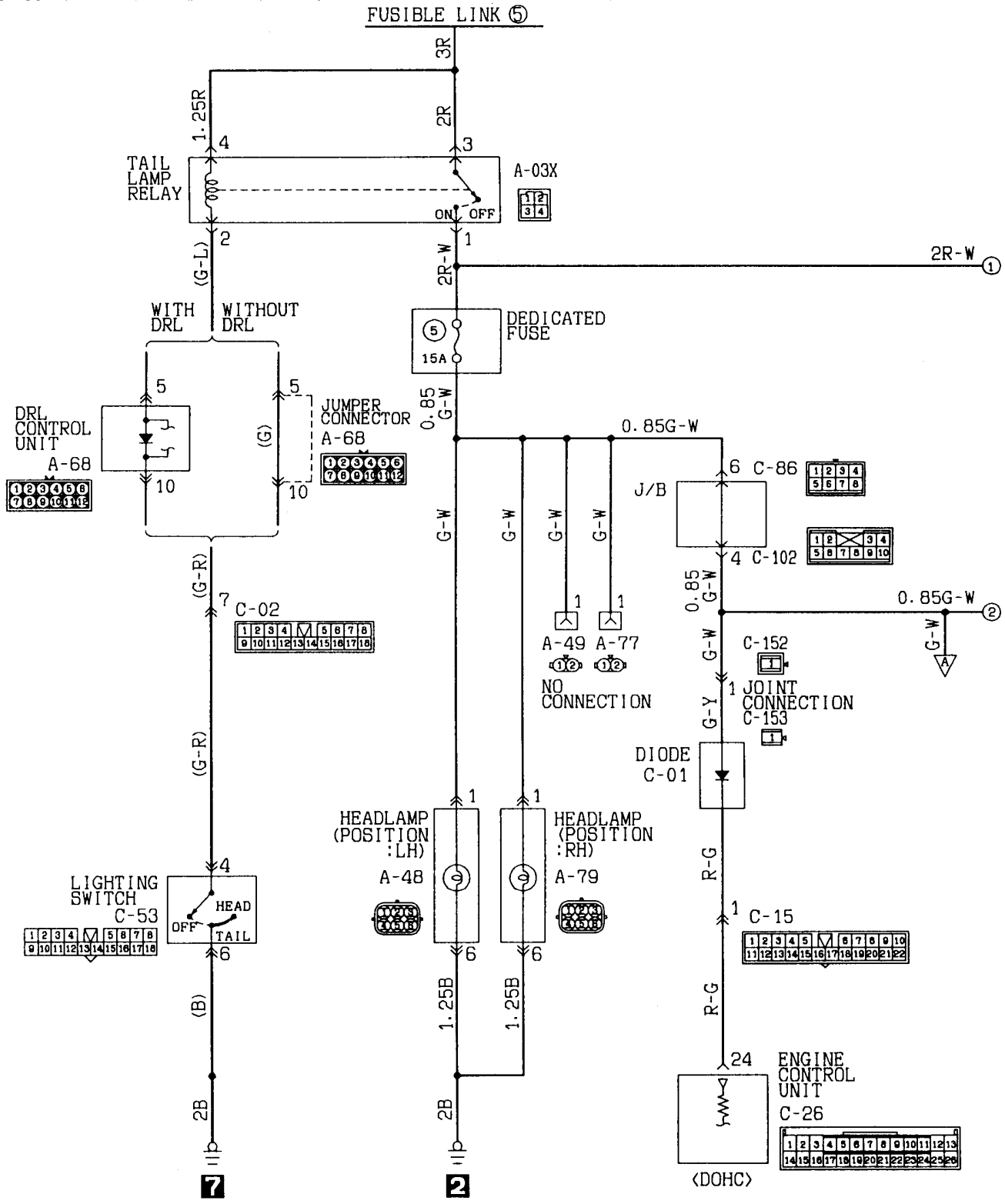
TROUBLESHOOTING HINTS

1. Absolutely no change of the headlamp angle
   1) The upper-beam indicator lamp illuminates.
      - Check the headlamp-leveling switch.
      - Check the headlamp-leveling unit.
   2) The upper-beam indicator lamp does not illuminate.
      - Check dedicated fuse No. ③.
2. There is one setting of the headlamp-leveling switch at which the headlamp angle does not change.
   - Check the headlamp-leveling switch.

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TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER

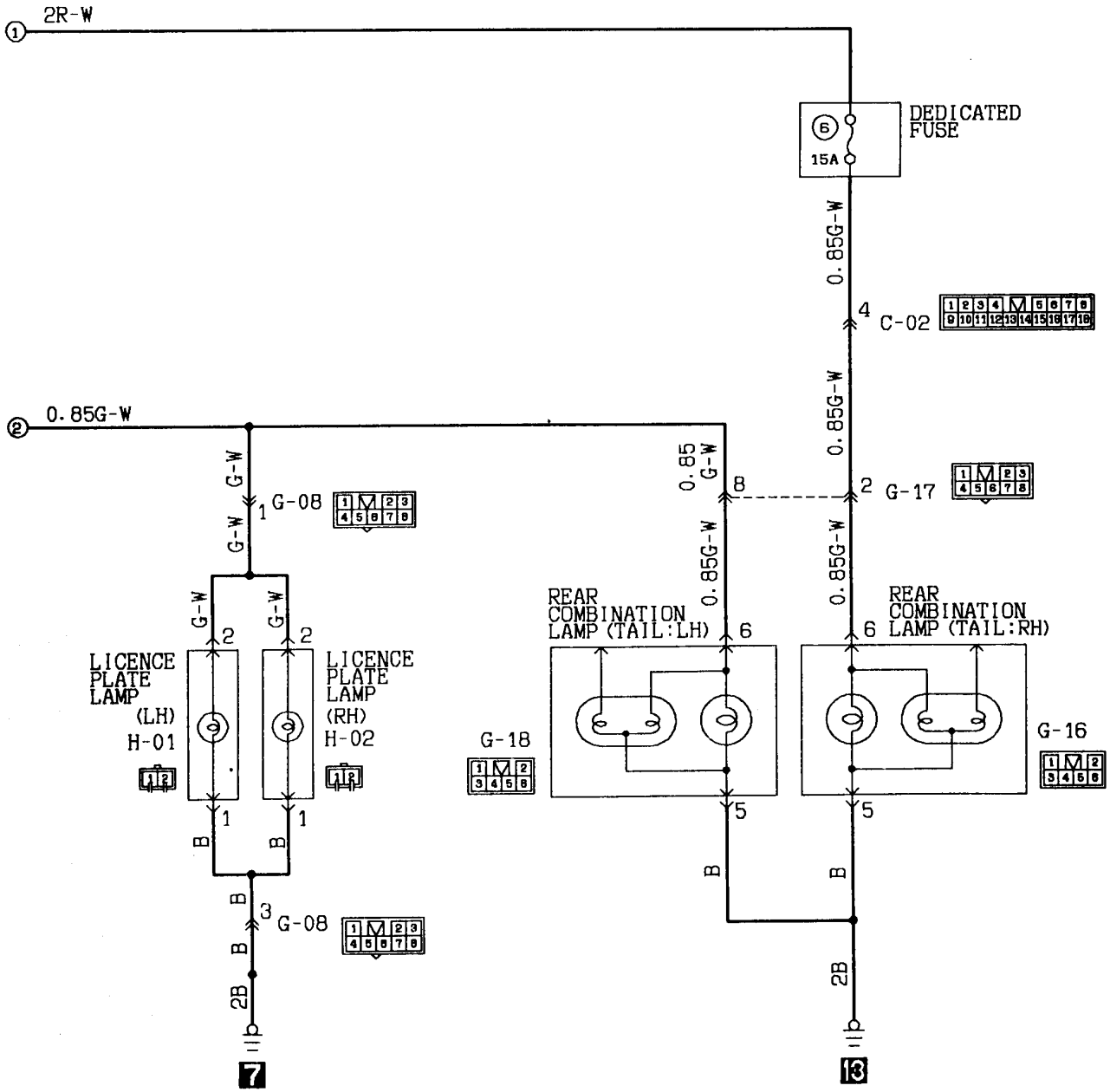
L.H. drive vehicles〈Vehicles built up to April, 1994〉



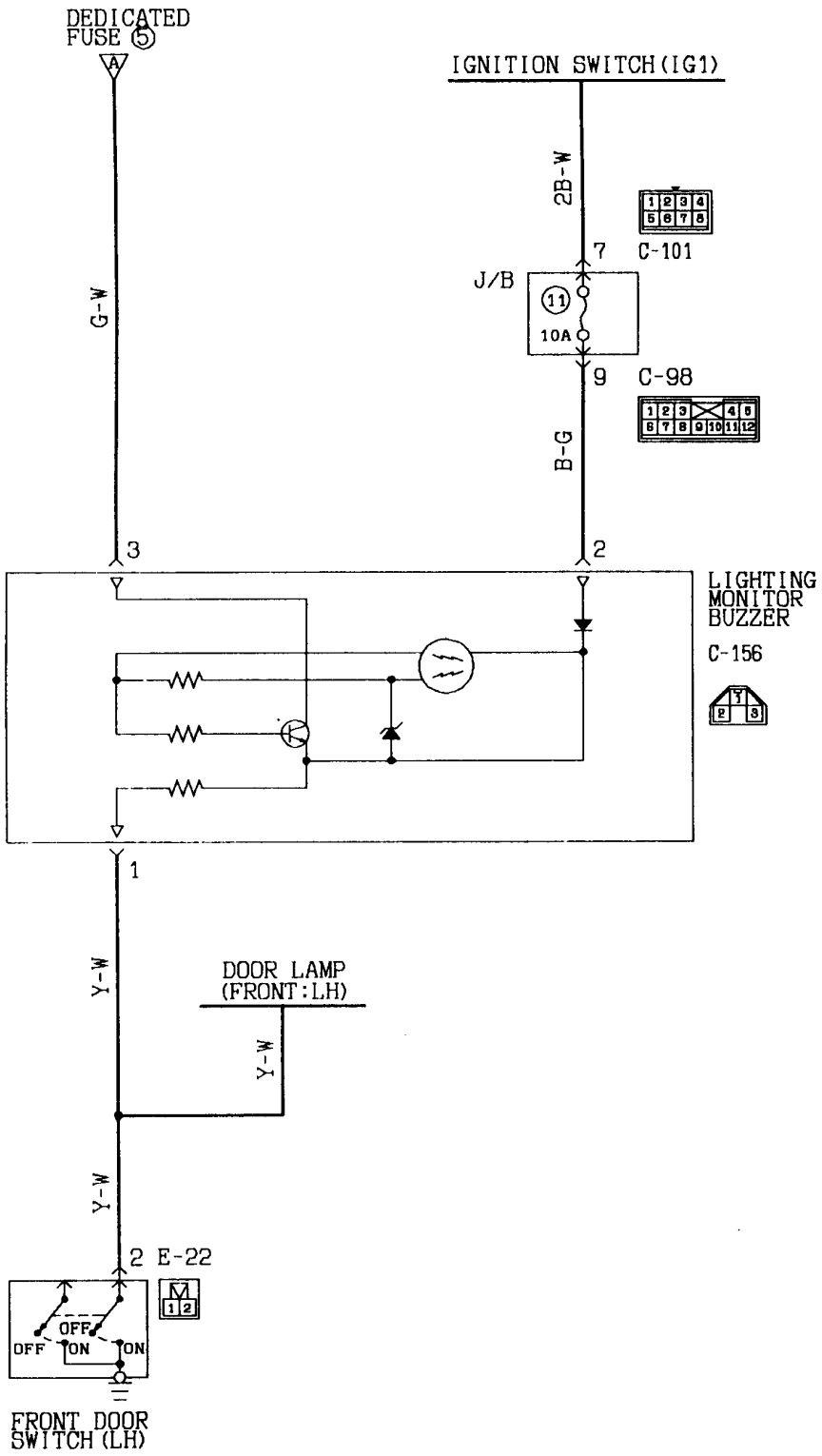
Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

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Wire colour code

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

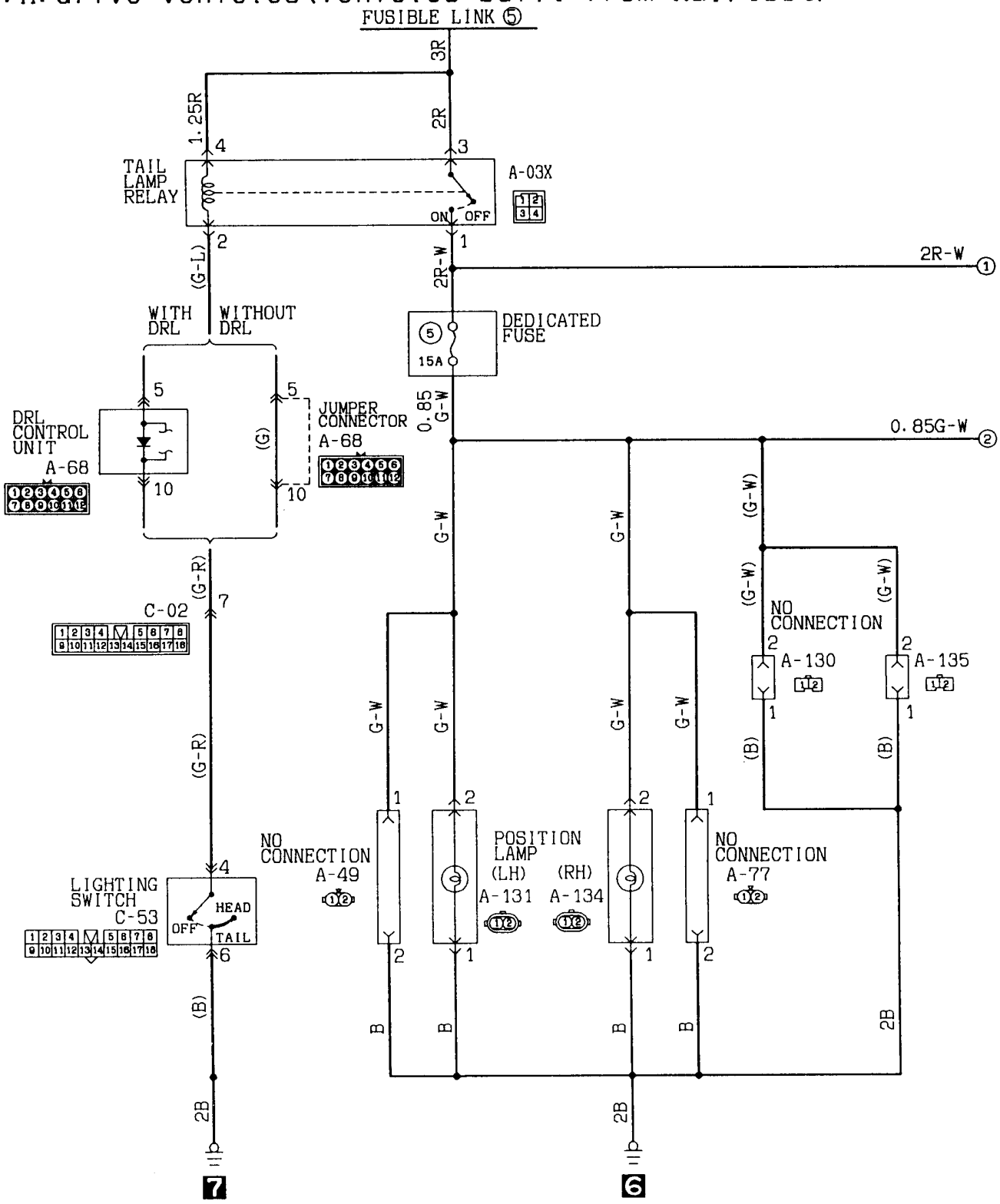
KX35-AC-J0855A-EC

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NOTES

TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER

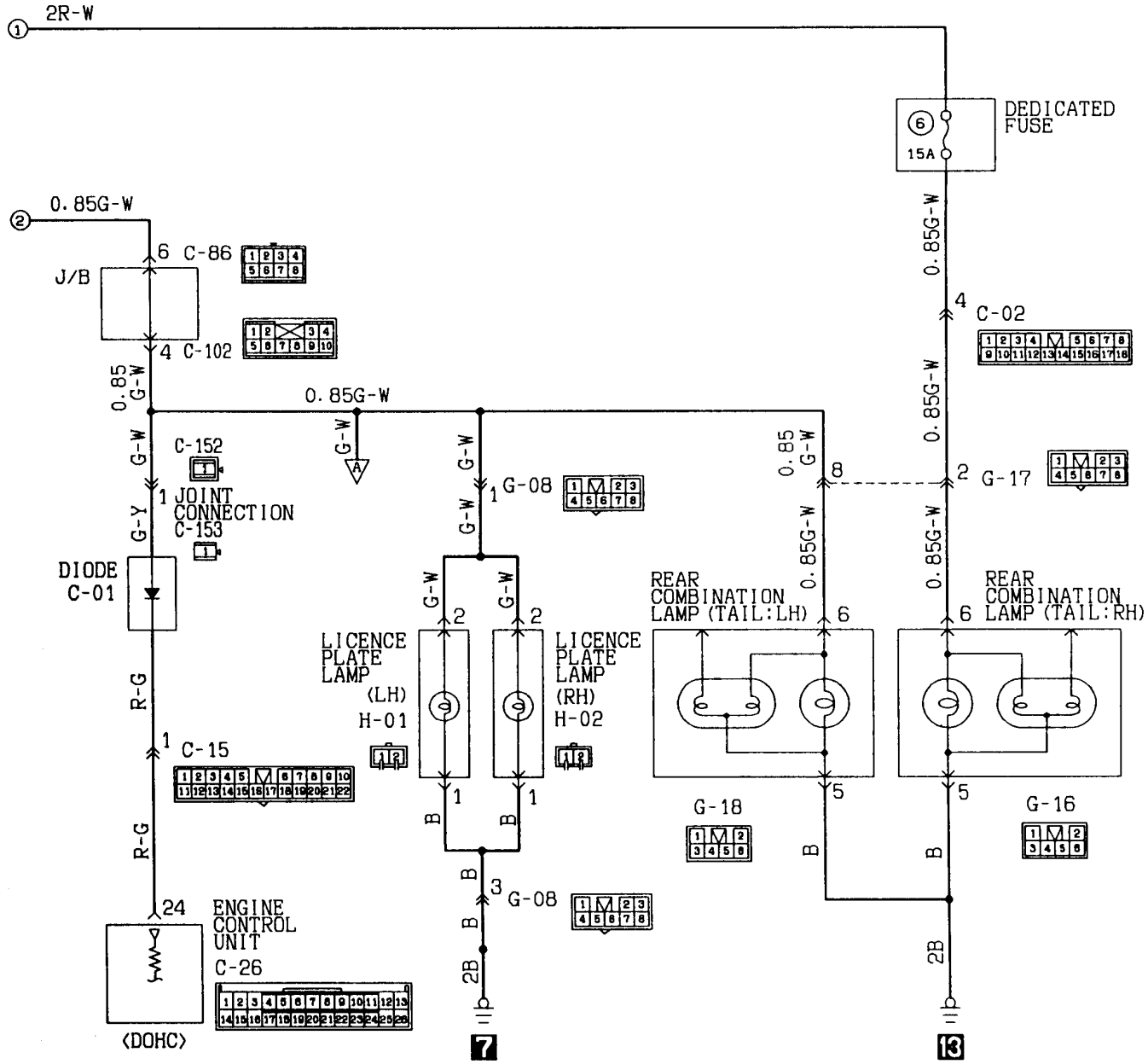
L.H. drive vehicles〈Vehicles built from May, 1994〉

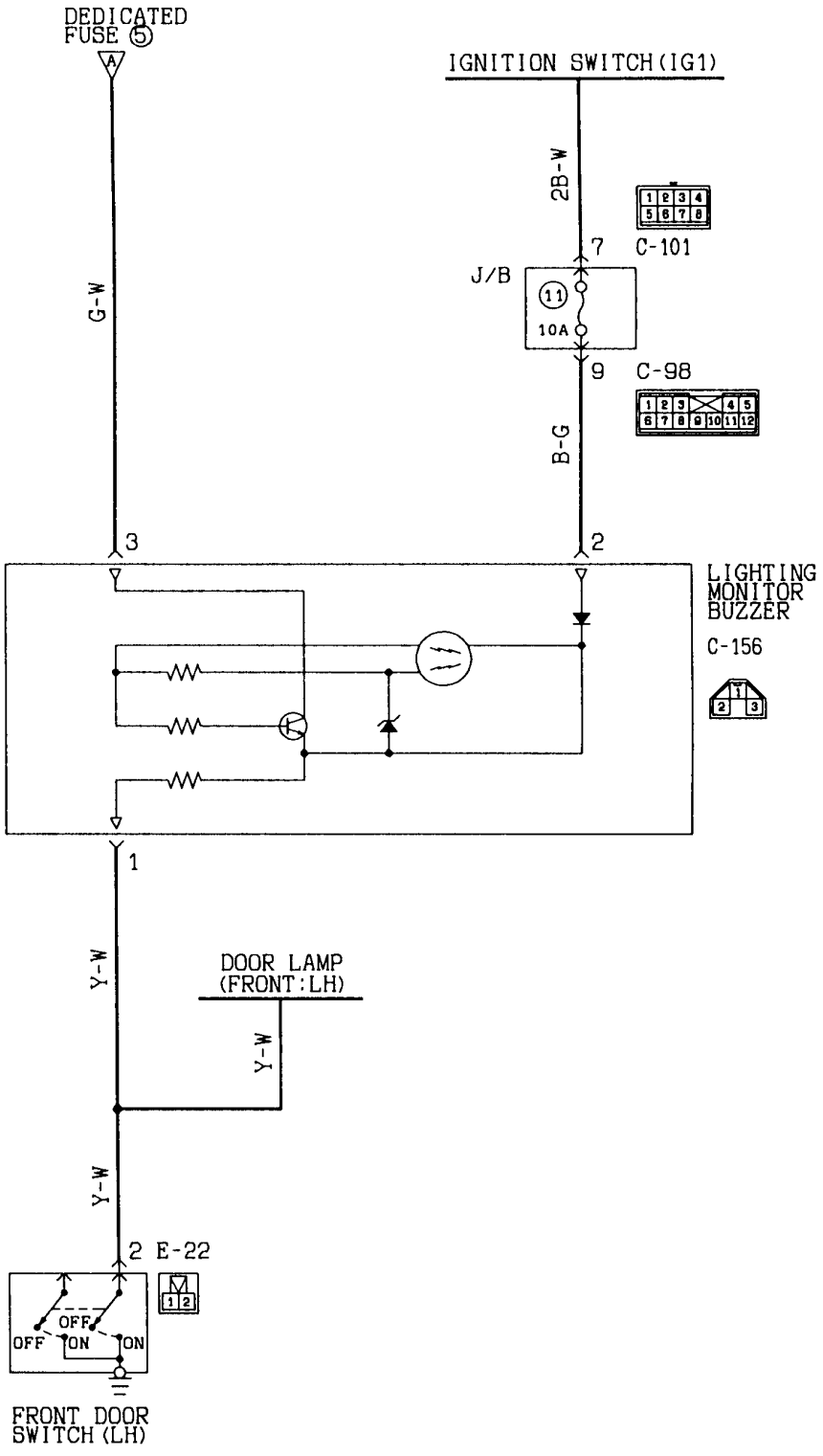


Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

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2R-W
DEDICATED FUSE
15A
0.85G-W
J/B
C-86
C-102
C-152
JOINT CONNECTION C-153
DIODE C-01
G-08
G-17
C-02
LICENCE PLATE LAMP (LH) H-01
LICENCE PLATE LAMP (RH) H-02
REAR COMBINATION LAMP (TAIL:LH)
REAR COMBINATION LAMP (TAIL:RH)
G-18
G-16
C-15
ENGINE CONTROL UNIT C-26
(DOHC)
7
13



Wire colour code

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

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TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER (See P. 4-148, 150-2, 152, 154-2)

OPERATION

- Placing the lighting switch in the TAIL or HEAD position causes the tail lamp relay to be energized.
- As a result, current flows by way of dedicated fuse No. ⑤ and No. ⑥ to each lamp, causing the lamp to go on.

TROUBLESHOOTING HINTS

1. No lamp go on.
   1) Headlamps do not go on, either.
      - Check fusible link No. ⑤.
   2) Headlamps go on.
      - Check tail lamp relay.
      - Check dedicated fuse No. ⑤ and No. ⑥.

〈Lighting monitor buzzer〉

OPERATION

- Placing the lighting switch in the TAIL of HEAD position causes the tail lamp relay to be energized.
- When the ignition switch is in the "OFF" position in this condition, if the driver's side door is opened and the front door switch turns "ON", the buzzer sounds to indicate that the lamps are not switched off.

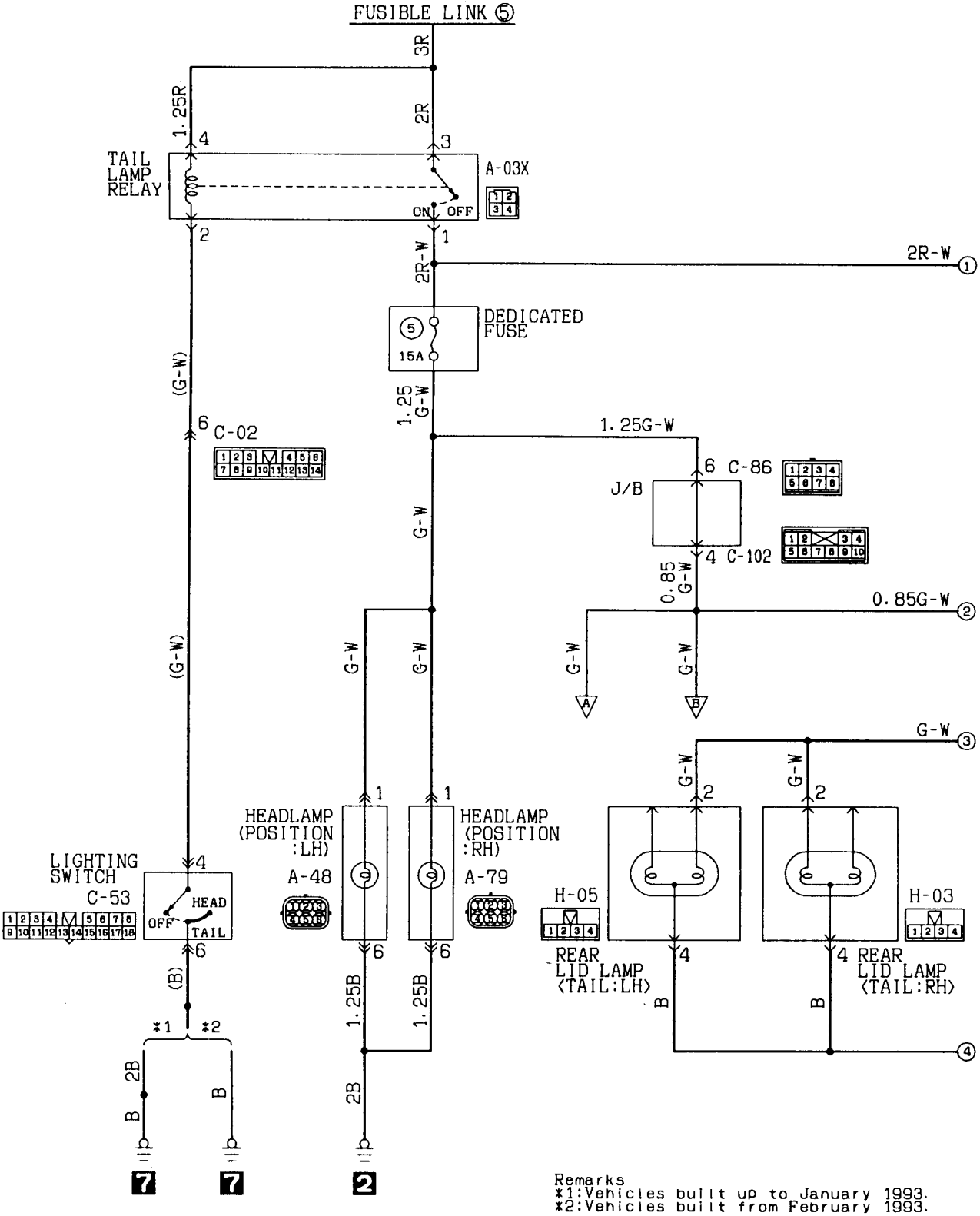
TROUBLESHOOTING HINTS

1. Lighting monitor buzzer doesn't sound.
   1) But the tail lamps do illuminate.
      - Check the lighting monitor buzzer.
      - Check the front door switch (driver's side).
   2) The tail lamps also don't illuminate.
      - Check the fusible link No. ⑤.
      - Check the dedicated fuse No. ⑤.

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TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER

R.H. drive vehicles〈Vehicles built up to April, 1994〉



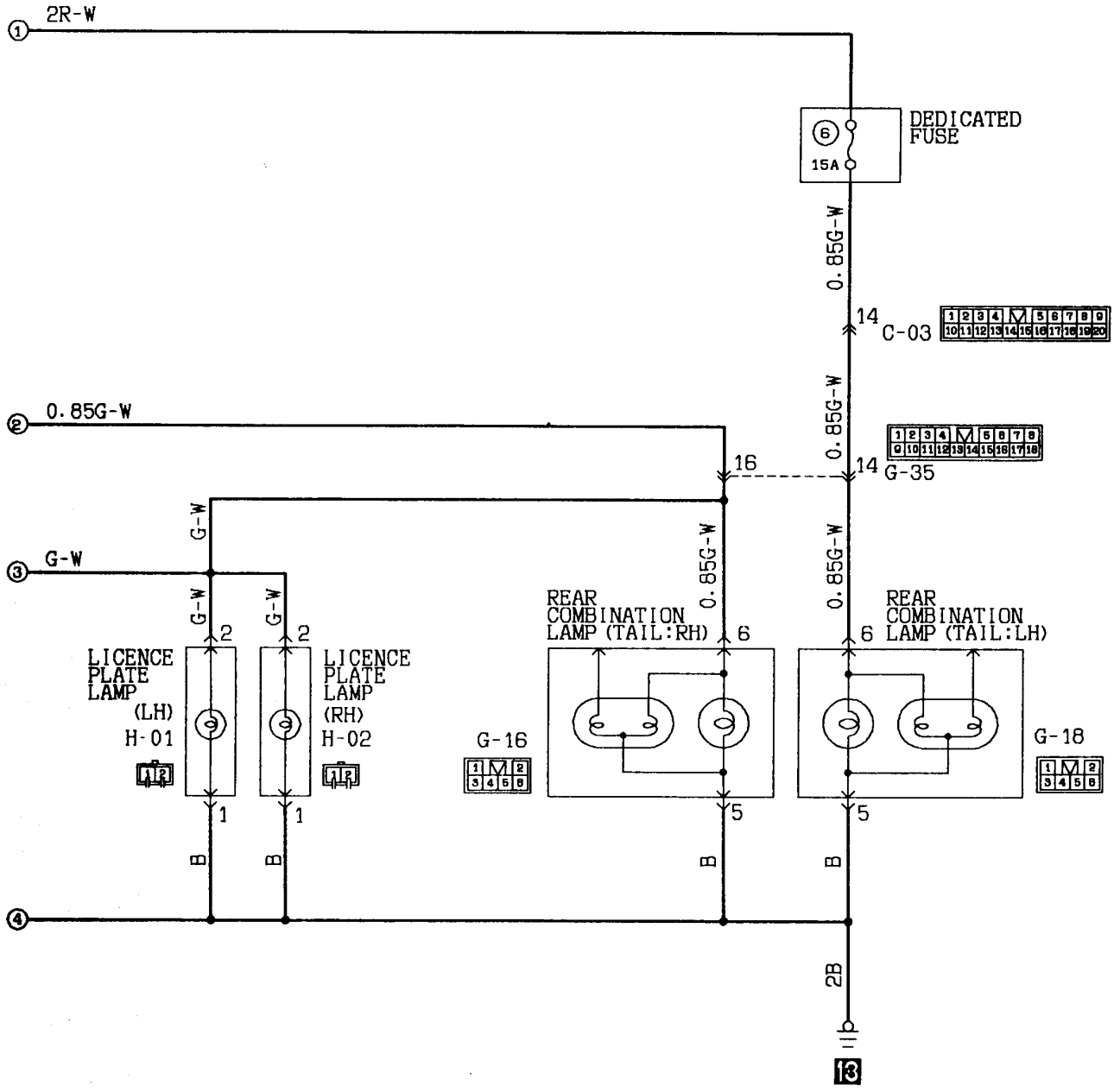
Remarks
*1:Vehicles built up to January 1993.
*2:Vehicles built from February 1993.

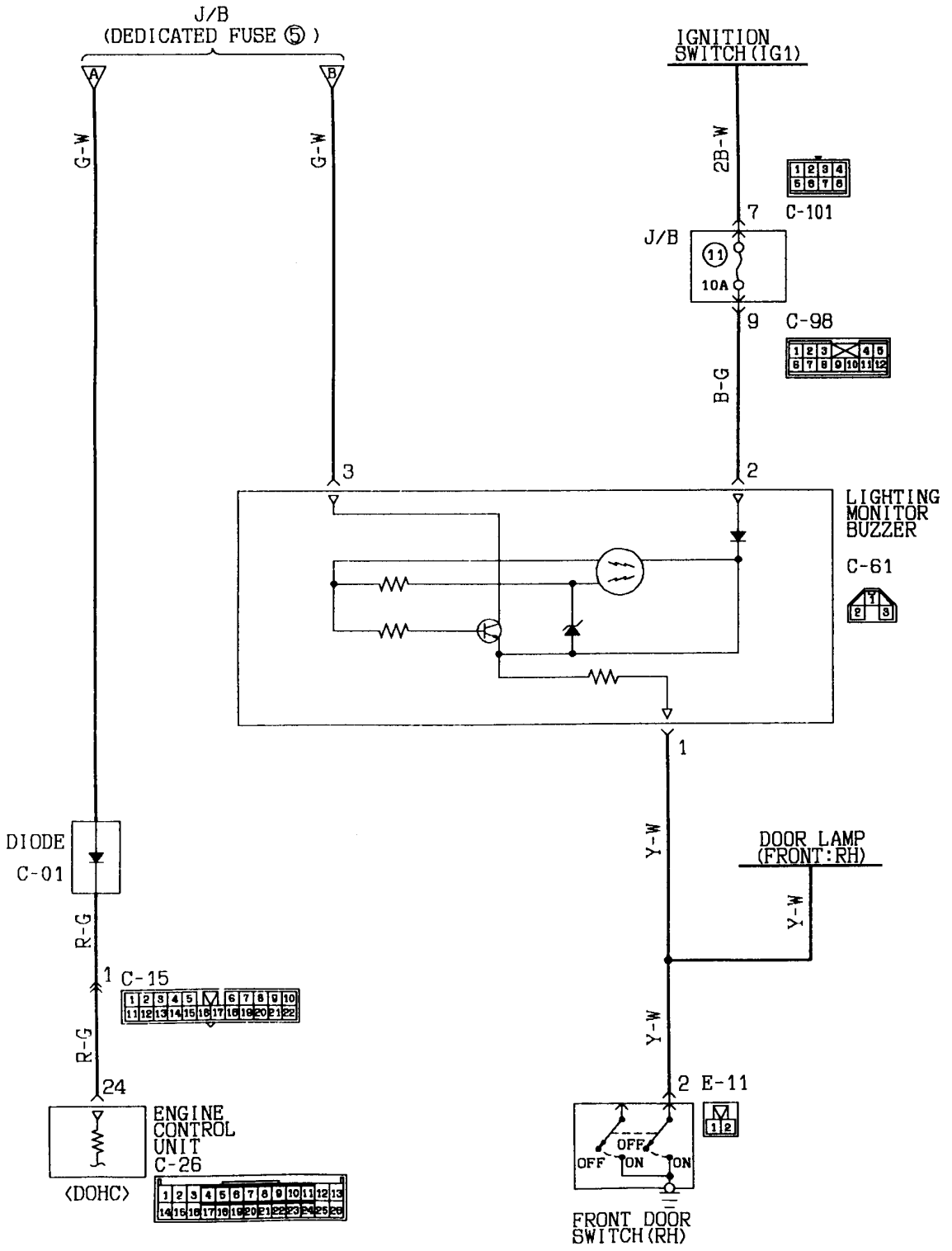
Wire colour code

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

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2R-W
DEDICATED FUSE
15A
0.85G-W
14
C-03
0.85G-W
0.85G-W
16
14
G-35
G-W
G-W
G-W
G-W
2
2
LICENCE PLATE LAMP (LH)
H-01
LICENCE PLATE LAMP (RH)
H-02
REAR COMBINATION LAMP (TAIL:RH)
6
REAR COMBINATION LAMP (TAIL:LH)
6
G-16
G-18
1
1
5
5
B
B
B
B
2B
13



Wire colour code

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

KX35-AC-J0858A-EC

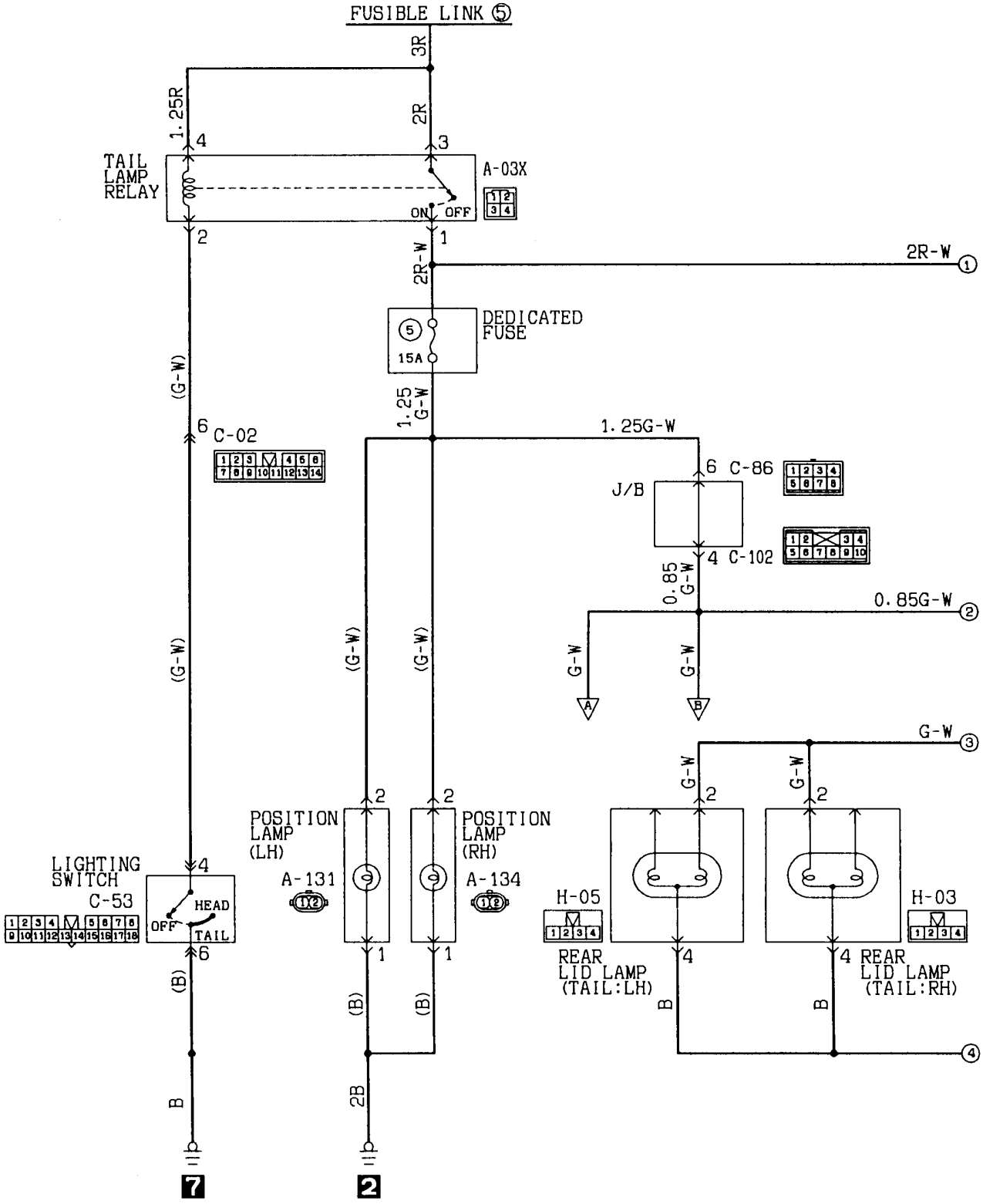
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NOTES

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TAIL LAMP, POSITION LAMP, LICENCE PLATE LAMP AND LIGHTING MONITOR BUZZER

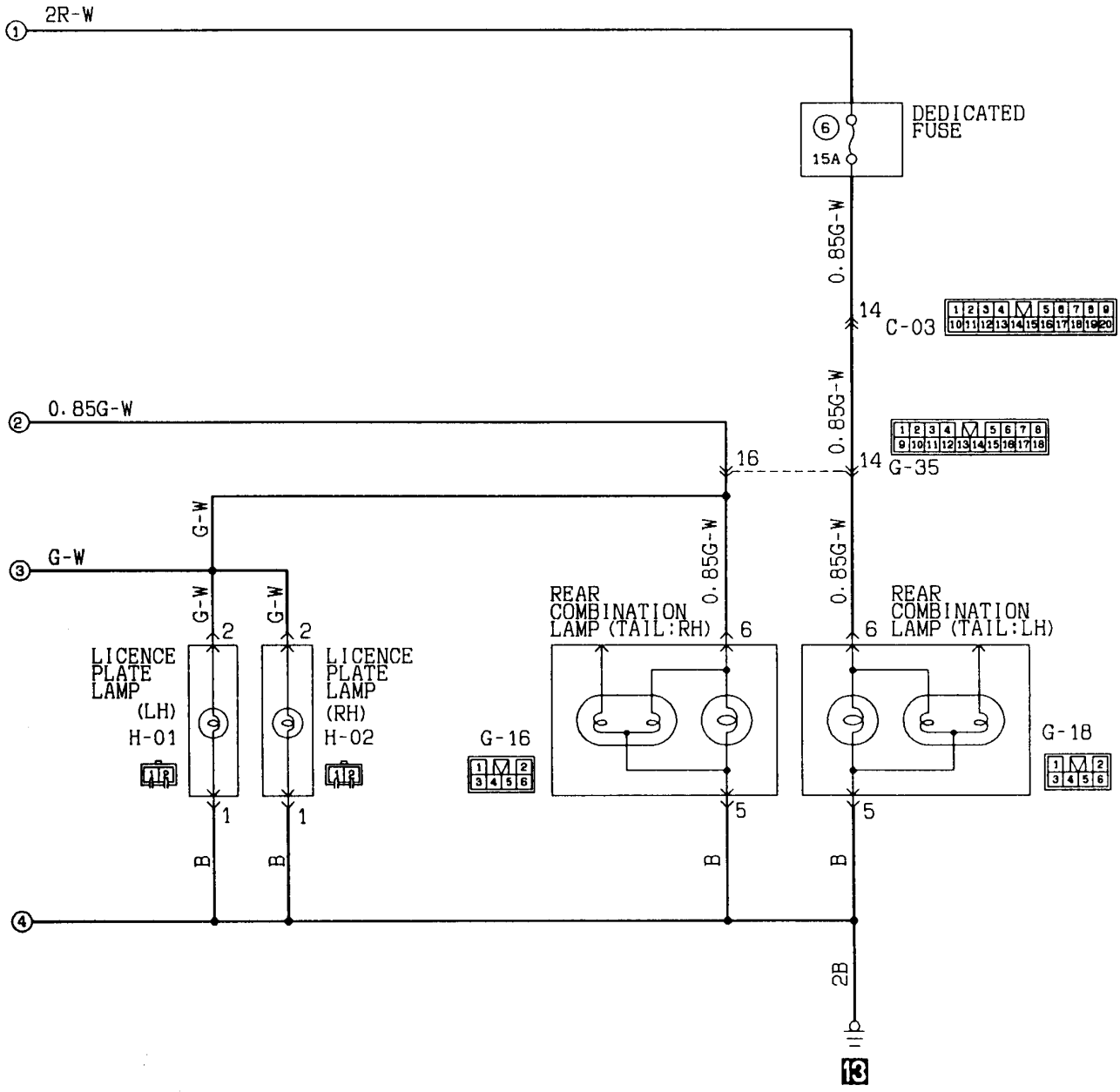
R.H. drive vehicles〈Vehicles built from May, 1994〉



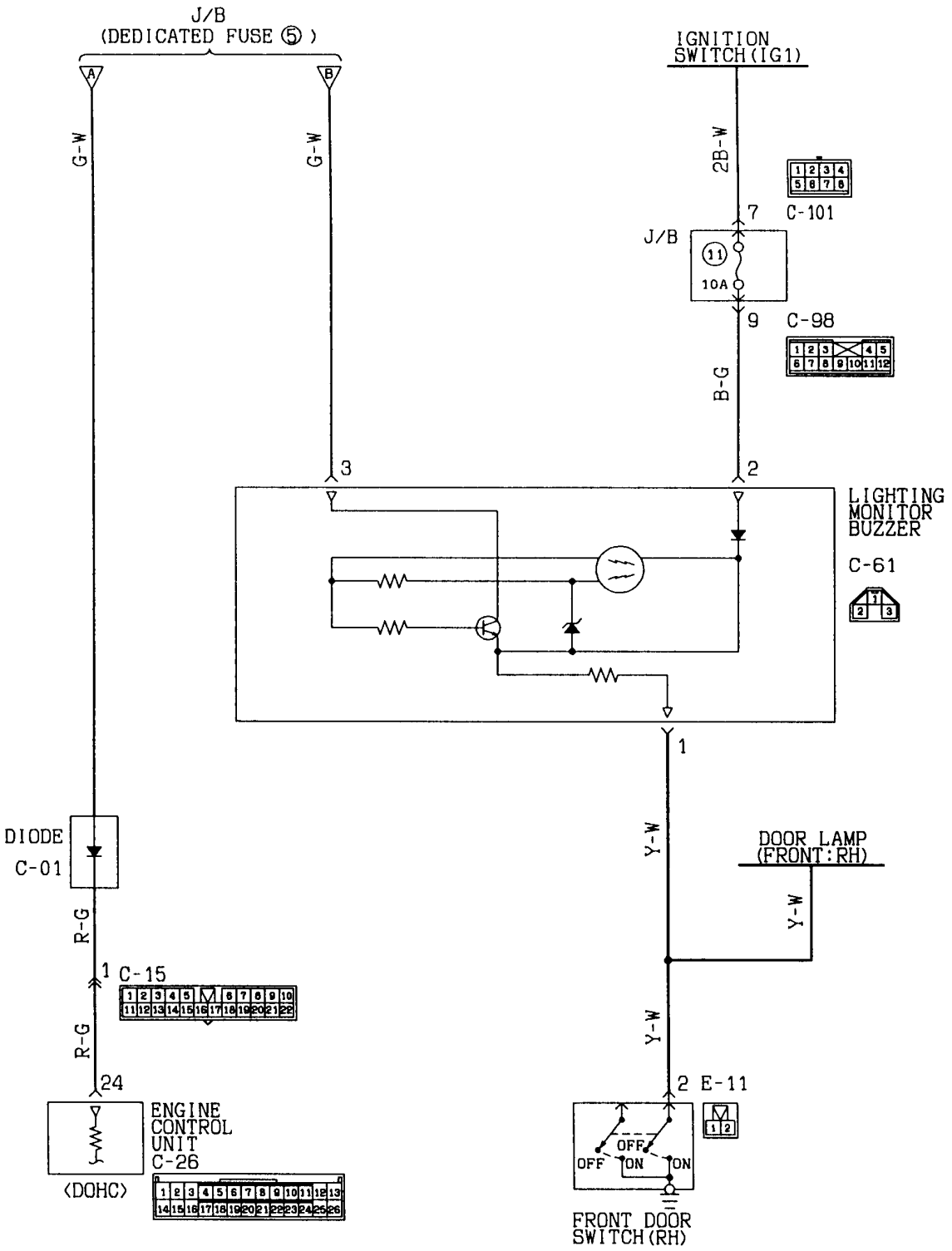
Wire colour code
B:Black BR:Brown LG:Light green O:Orange G:Green GR:Gray L:Blue R:Red W:White P:Pink Y:Yellow V:Violet SB:Sky blue

KX35-AC-J0879-EC

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2R-W
DEDICATED FUSE
6
15A
0.85G-W
14
C-03
0.85G-W
0.85G-W
16
14
G-35
G-W
G-W
G-W
G-W
2
2
LICENCE PLATE LAMP (LH)
H-01
LICENCE PLATE LAMP (RH)
H-02
REAR COMBINATION LAMP (TAIL:RH)
0.85G-W
6
REAR COMBINATION LAMP (TAIL:LH)
6
G-16
G-18
1
1
5
5
B
B
B
B
2B
13

CIRCUIT DIAGRAM – Tail Lamp, Position Lamp, Licence Plate Lamp and Lighting Monitor Buzzer



Wire colour code

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

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FRONT FOG LAMP (See P. 4-156.)

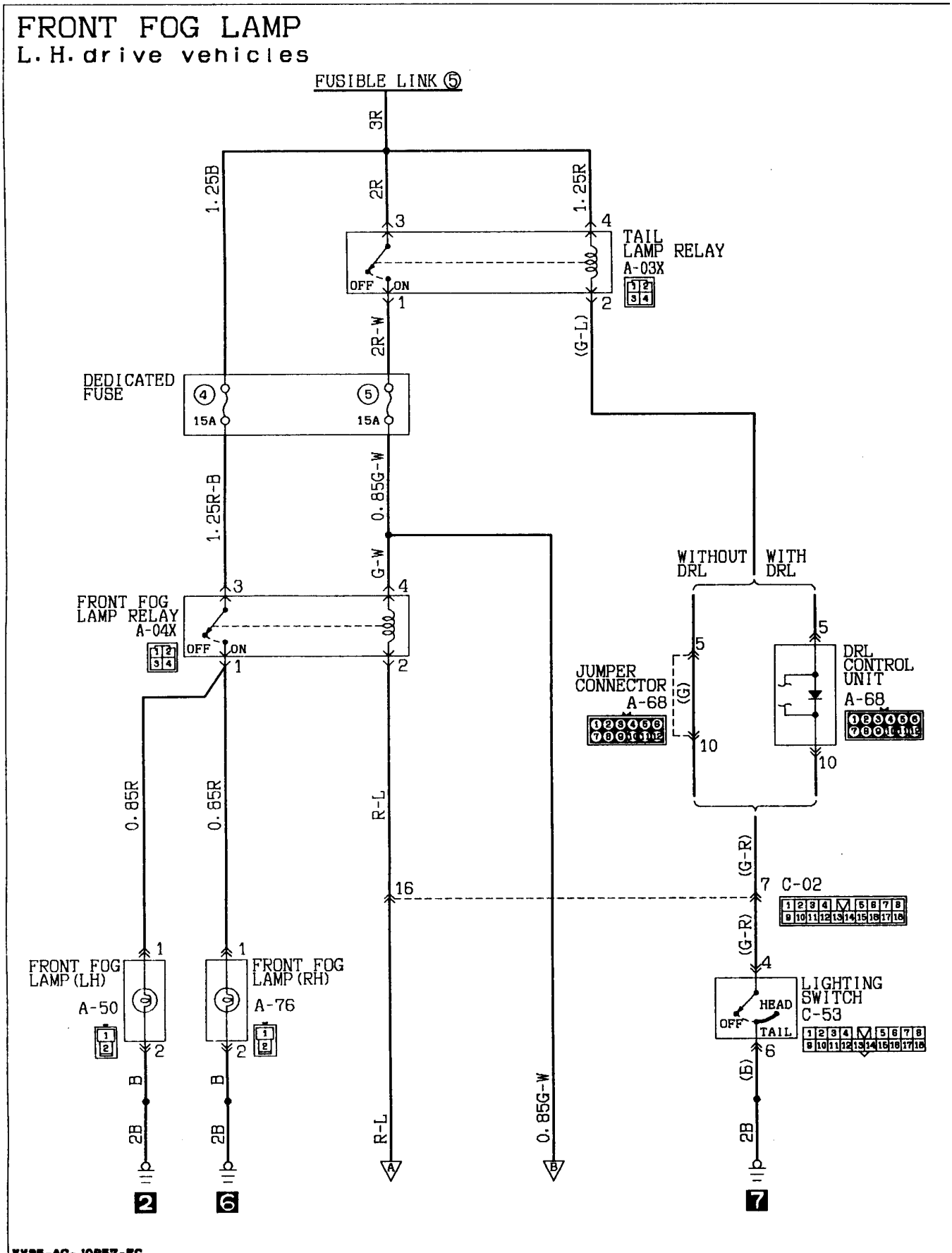
OPERATION

- If the fog lamp switch is turned to the "ON" position when the lighting switch is at the "TAIL" or "HEAD" position, the front fog lamp relay is turned on and the front fog lamp lights up.

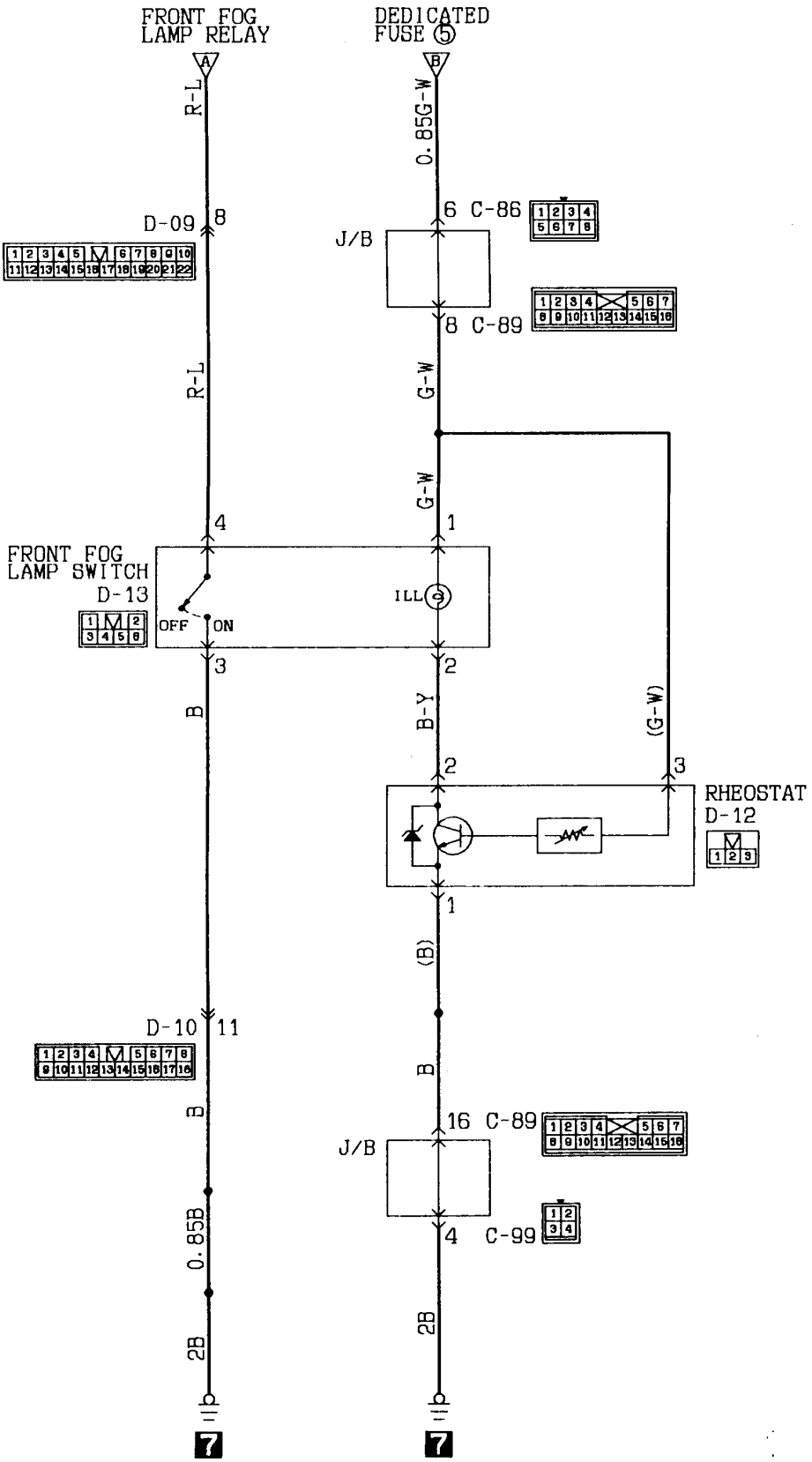
TROUBLESHOOTING HINTS

1. The front fog lamp does not light up.
   1) The tail lamp lights up.
      - Check dedicated fuse No. ④.
      - Check front fog lamp relay.
      - Check front fog lamp switch.

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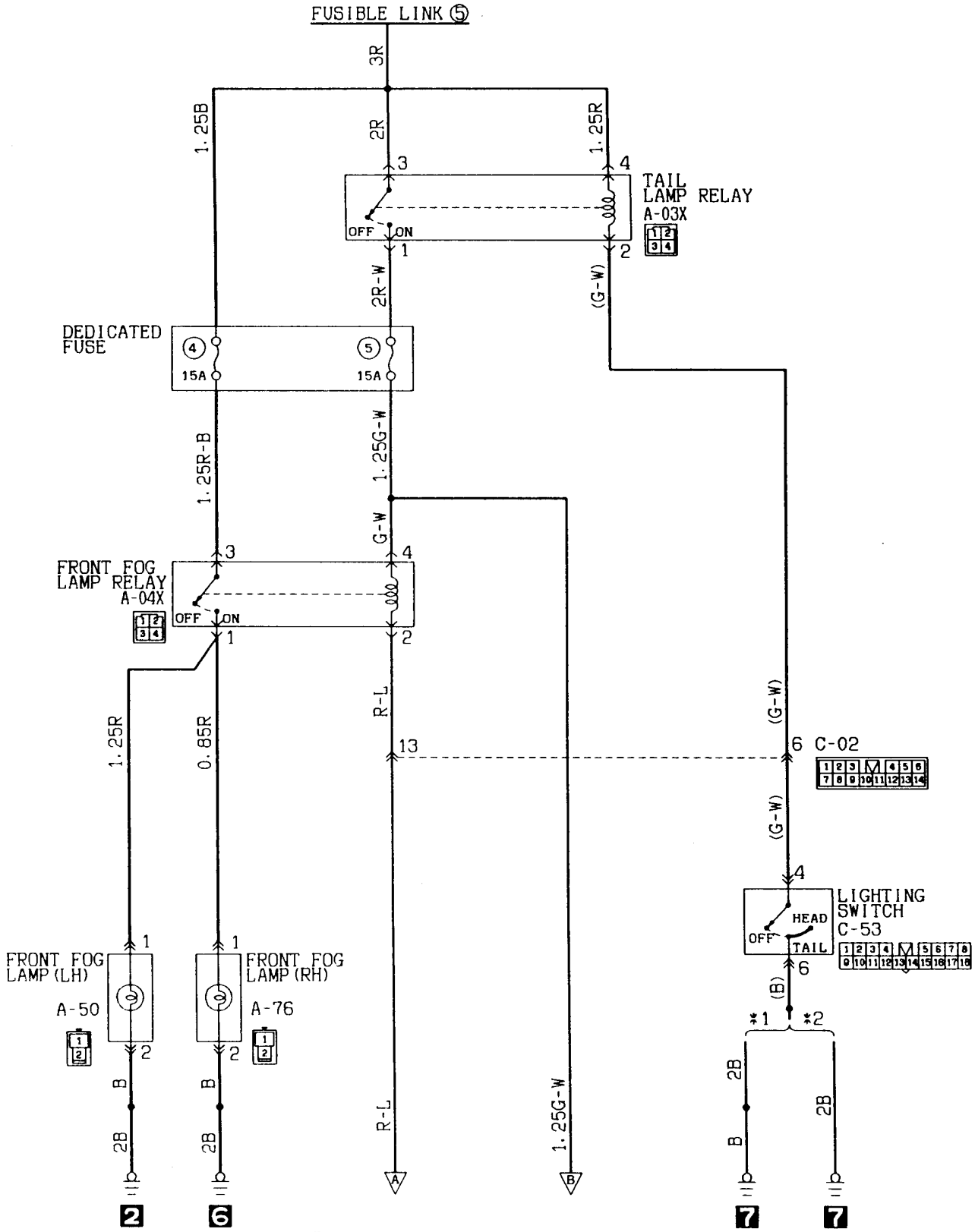
Wire colour code

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

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FRONT FOG LAMP

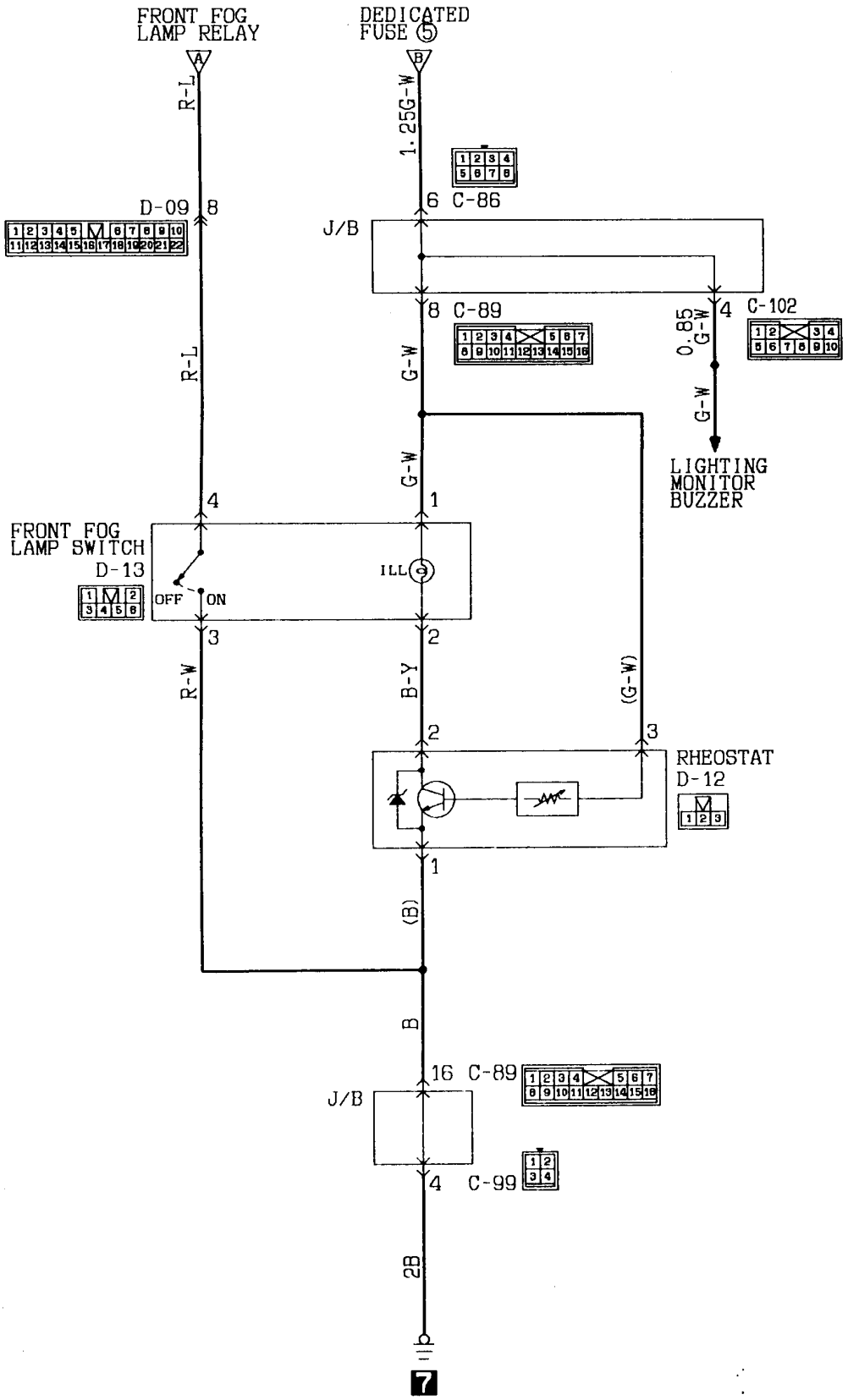
R.H. drive vehicles



Remarks
*1: Vehicles built up to January 1993.
*2: Vehicles built from February 1993.

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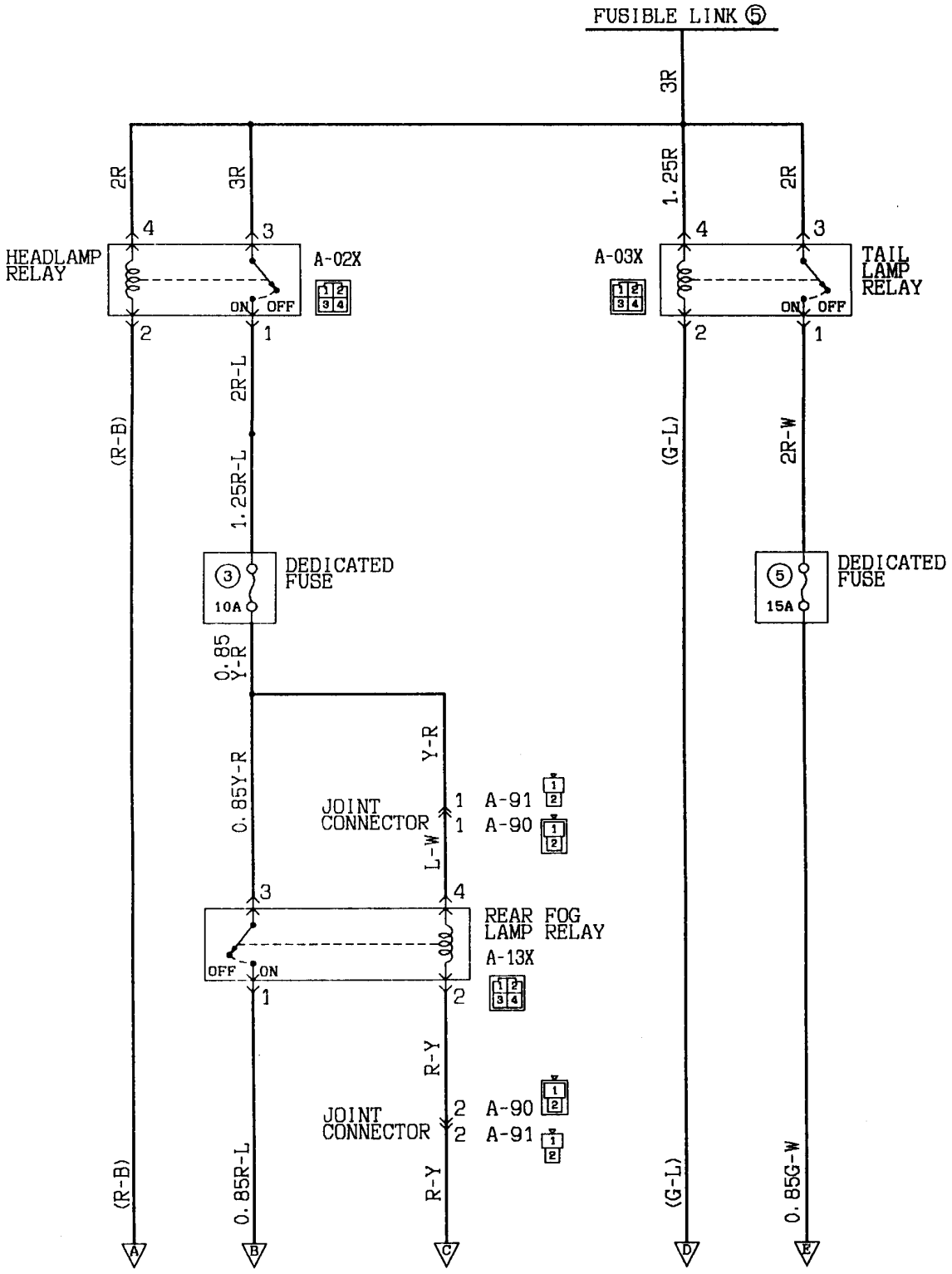


Wire colour code

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

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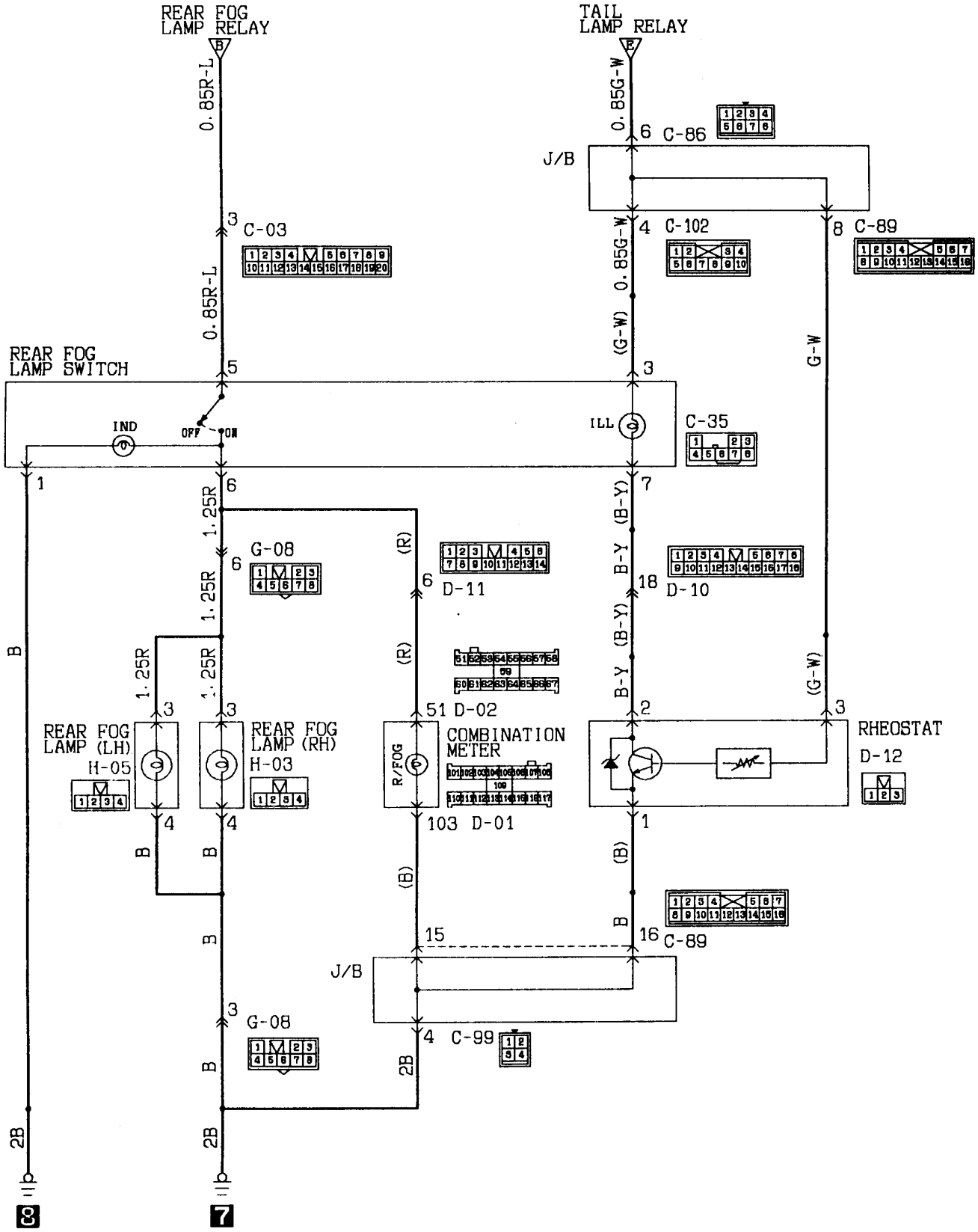
REAR FOG LAMP
L.H. drive vehicles



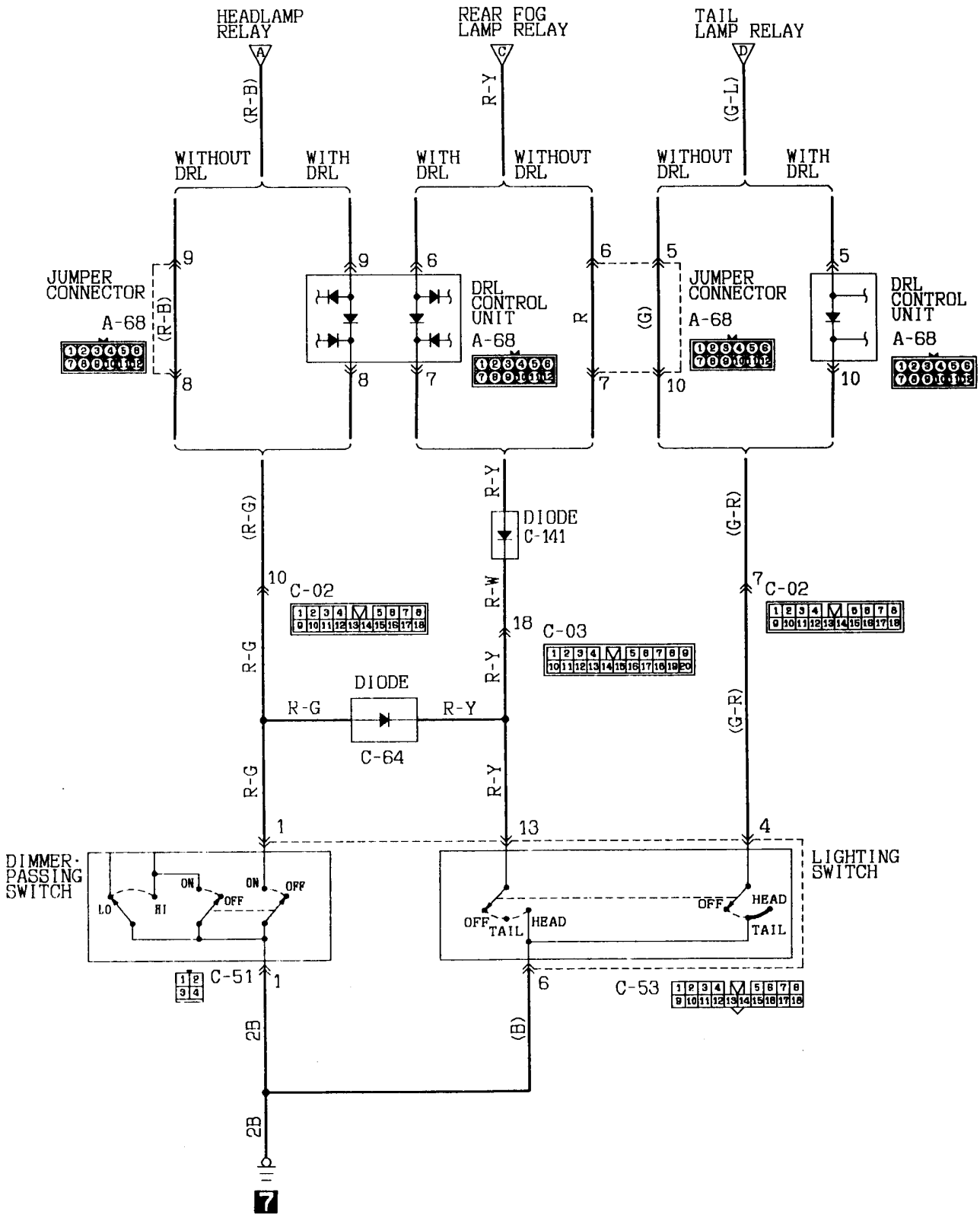
Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow BB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-J0859-EC

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

XX35-AC-J0859A-EC

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PHGE9229

REAR FOG LAMP (See P. 4-160, 164.)

OPERATION

Rear Fog lamp Relay ON Conditions

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

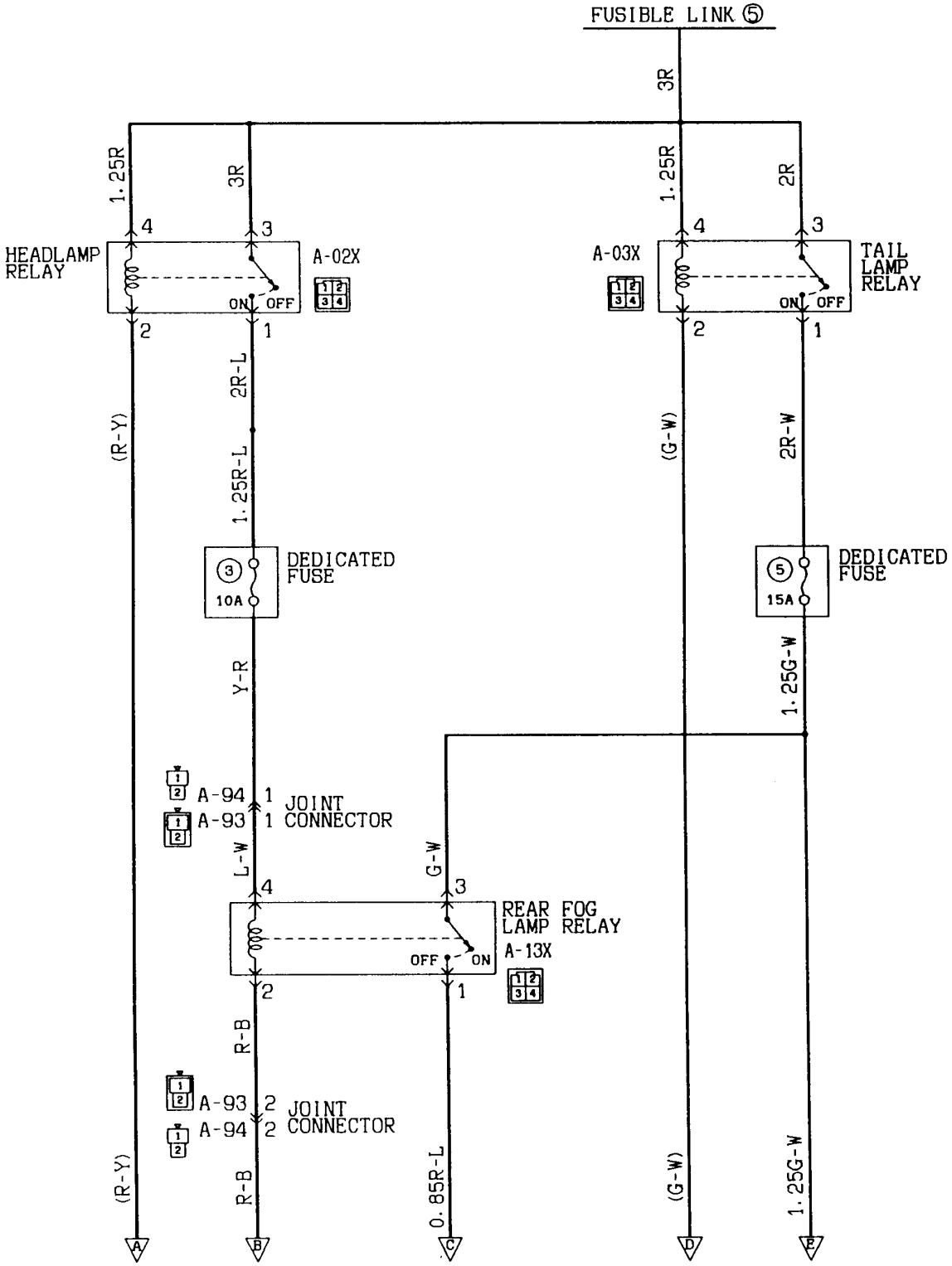
- Placing the lighting switch in the HEAD position causes the rear fog lamp relay to be energized.
- When the rear fog lamp switch is turned ON in this condition, the rear fog lamp goes on.

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.

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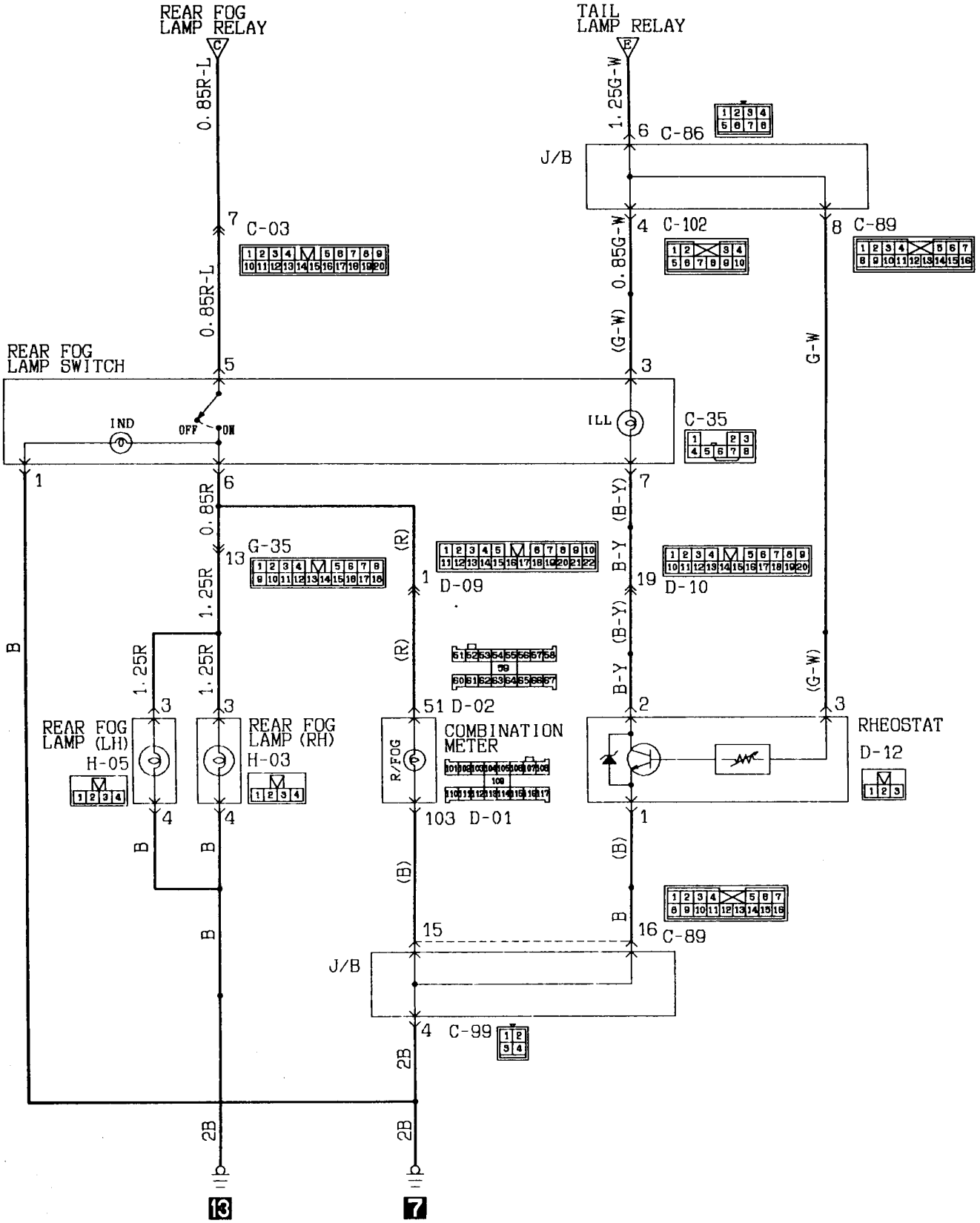
REAR FOG LAMP
R.H. drive vehicles



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

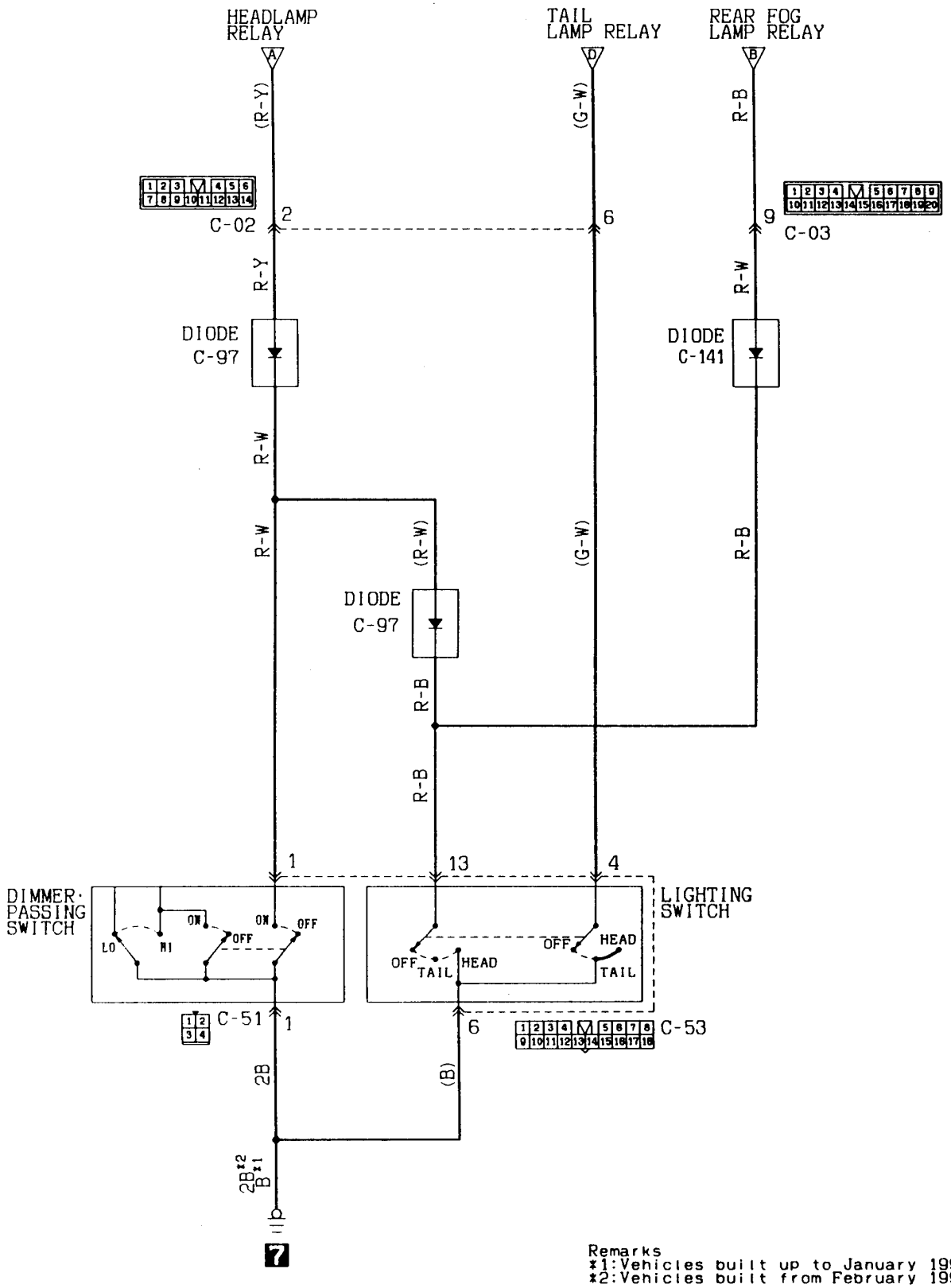
XX35-AC-J0860-EC

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



Remarks
*1: Vehicles built up to January 1993.
*2: Vehicles built from February 1993.

Wire colour code

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

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ROOM LAMP, MAP LAMP, FOOT LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP (See P. 4-168, 170.)

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.

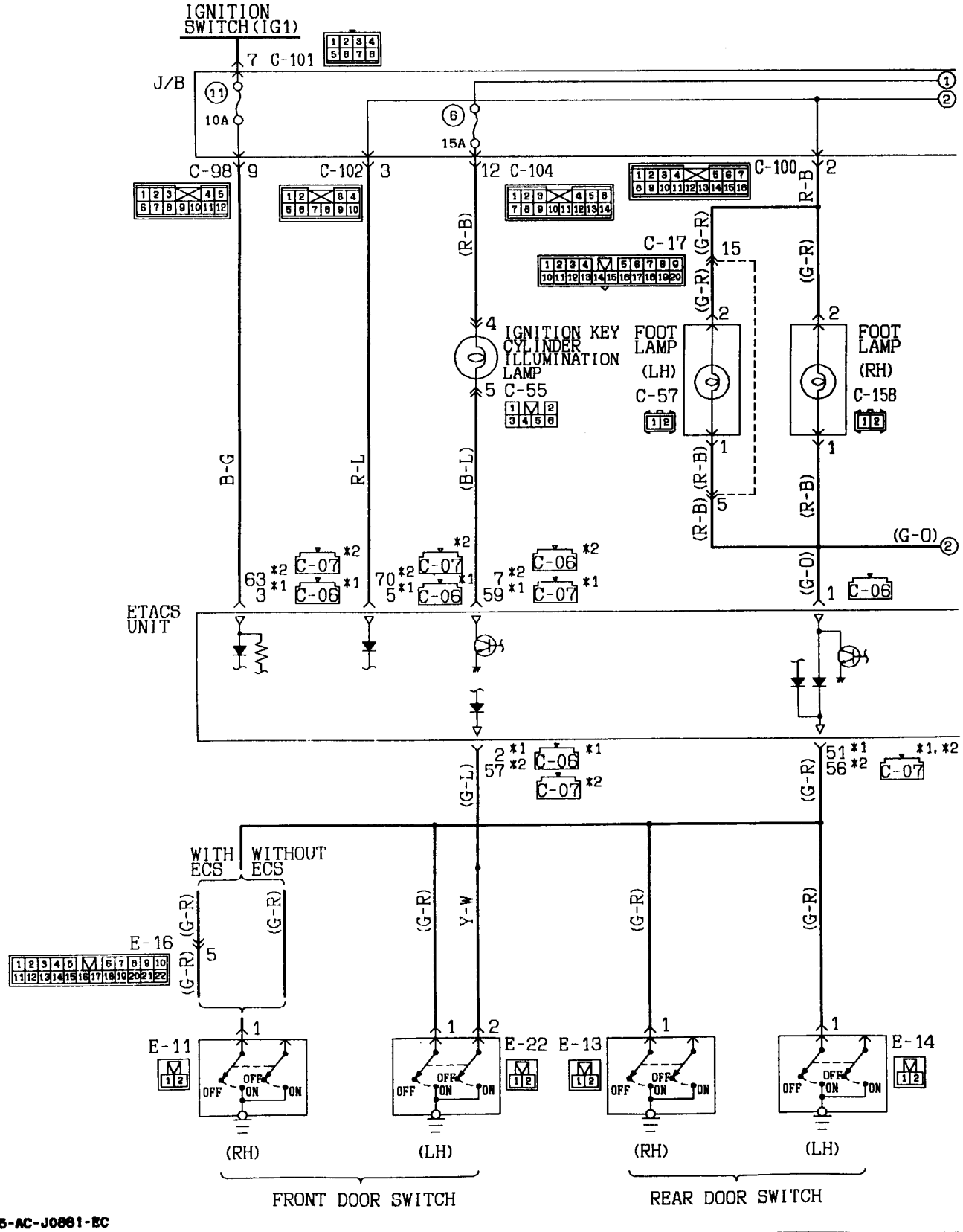
TROUBLESHOOTING HINTS

1. Room lamp, map lamp and foot lamp do not go on. 〈L.H. drive vehicles〉
   - Check multi-purpose fuse No. ⑲.
2. The room lamp, map lamp, foot lamp and ignition key cylinder illumination lamp all don't go on. 〈R.H. drive vehicles〉
   - Check multi-purpose fuse No. ⑲.
3. 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.
4. Room lamp does not go on when a door is opened with the room lamp switch in the "DOOR" position.
   - Check door switch.
5. Ignition key cylinder illumination lamp does not go on.
   - Check multi-purpose fuse No. ⑥. 〈L.H. drive vehicles〉
   - Check driver's side door switch.
6. When the door is closed, the room lamp and foot lamp immediately go out.
   - Check ETACS unit.

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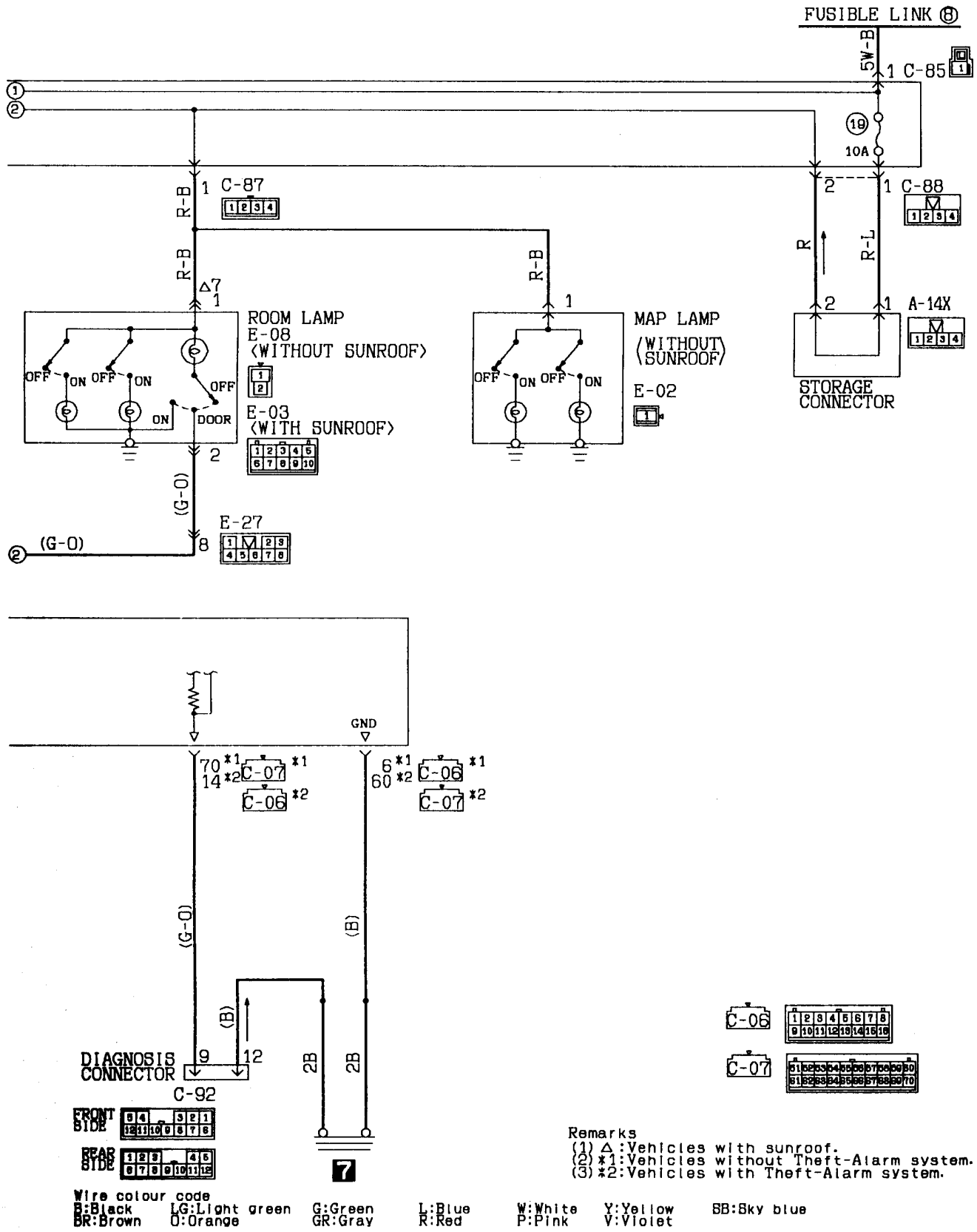
ROOM LAMP, MAP LAMP, FOOT LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP

L.H. drive vehicles



XX35-AC-J0881-EC

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Remarks
(1) △ :Vehicles with sunroof.
(2) *1:Vehicles without Theft-Alarm system.
(3) *2:Vehicles with Theft-Alarm system.

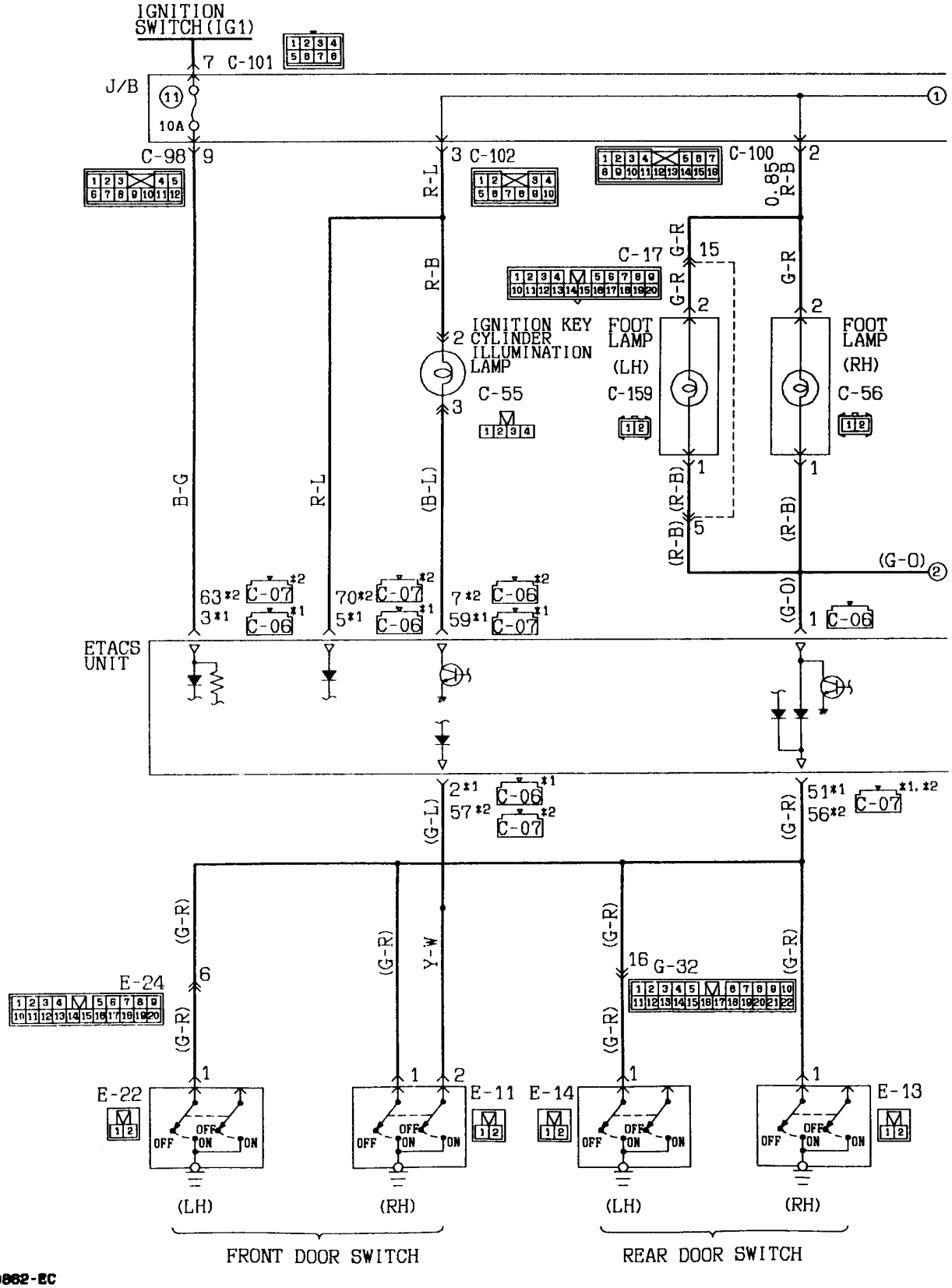
Wire colour code

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

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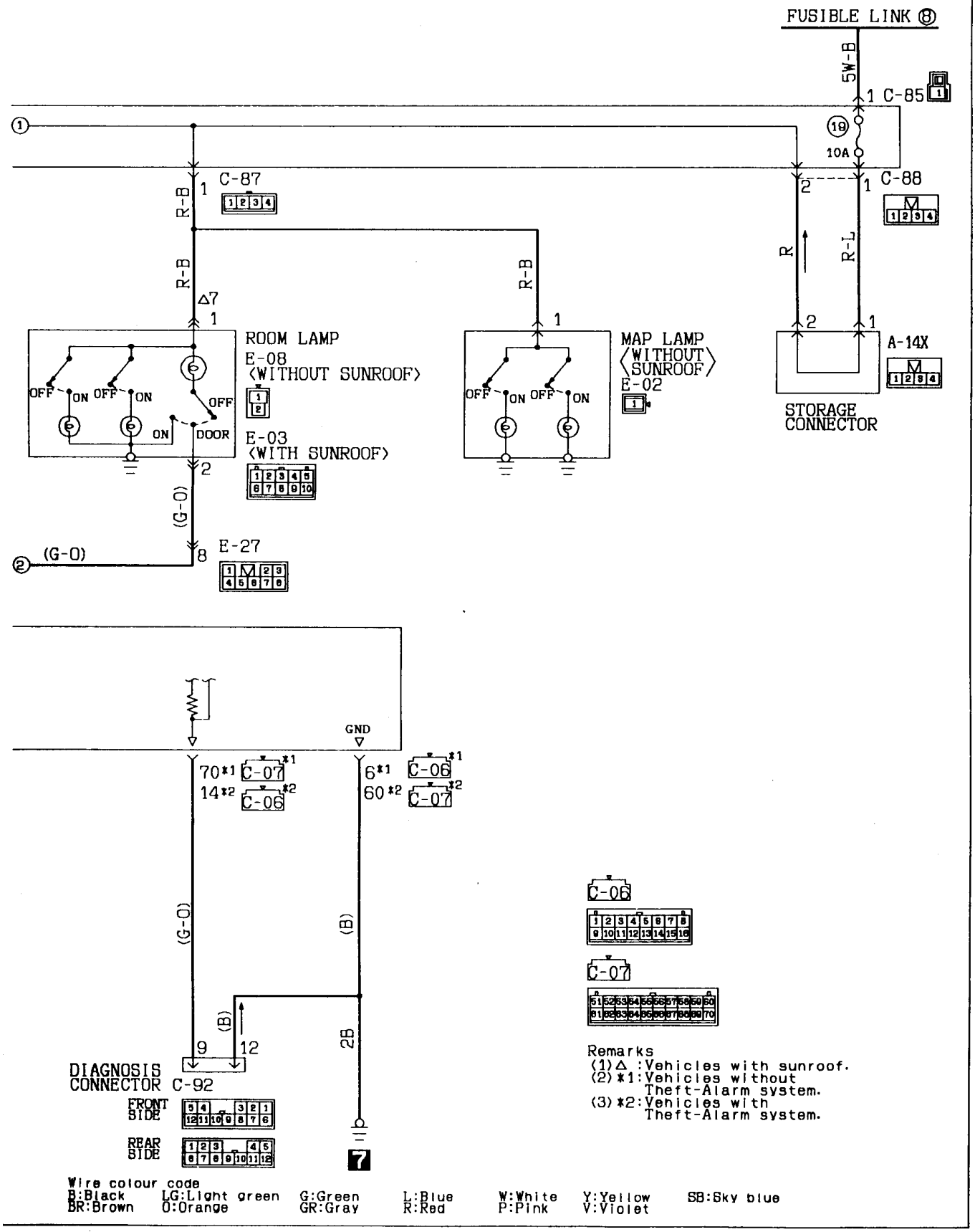
ROOM LAMP, MAP LAMP, FOOT LAMP AND IGNITION KEY CYLINDER ILLUMINATION LAMP

R.H. drive vehicles



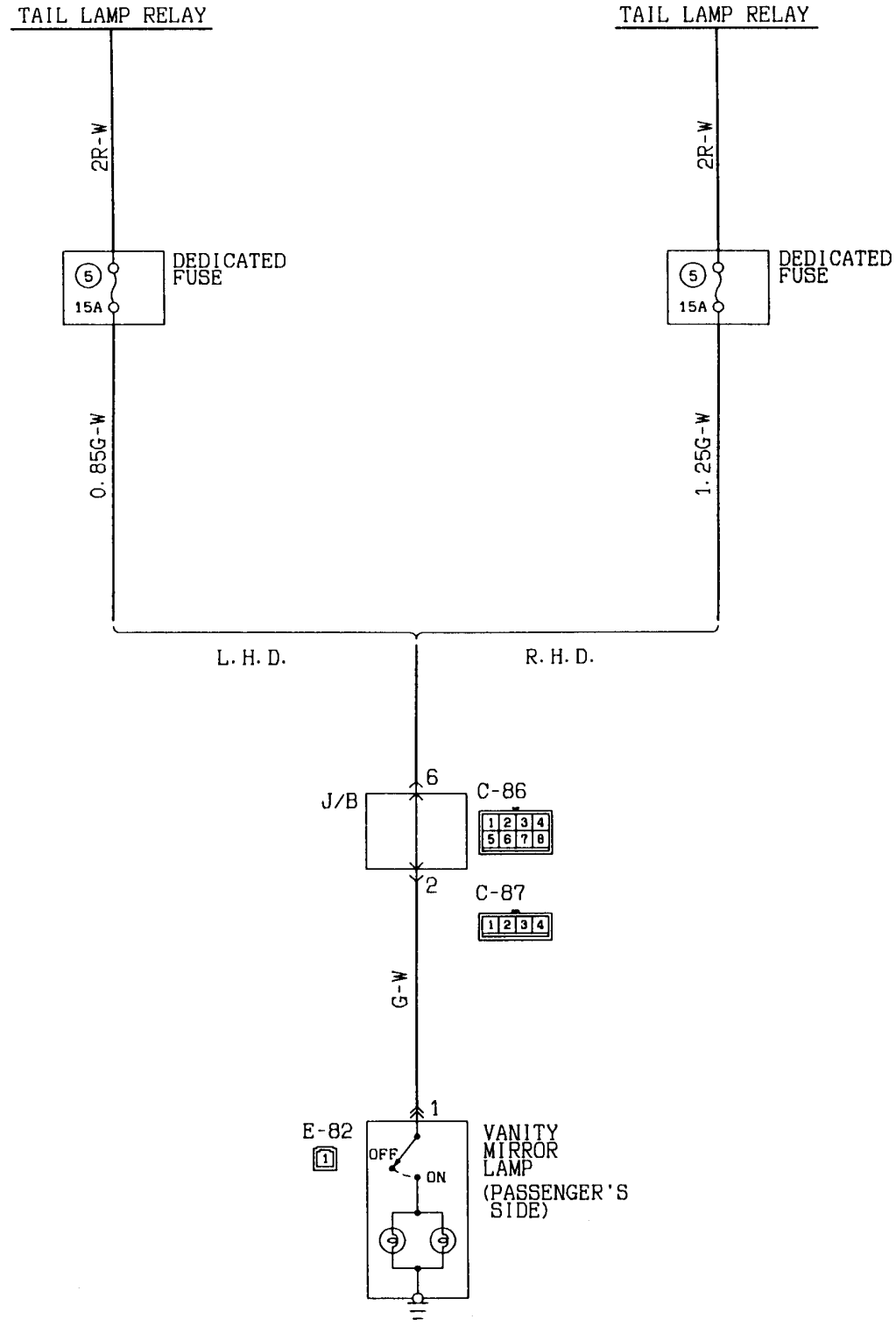
KX35-AC-J0862-EC

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VANITY MIRROR LAMP
〈Vehicles built from May, 1994〉



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

KX35-AC-J0871-EC

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VANITY MIRROR LAMP (See P. 4-171-1)

OPERATION

- Placing the lighting switch in the HEAD or TAIL position causes the tail lamp relay to be switched ON.
- In this position, opening the vanity mirror cover causes the vanity mirror lamp switch to be set to the ON position and the vanity mirror lamp to illuminate.

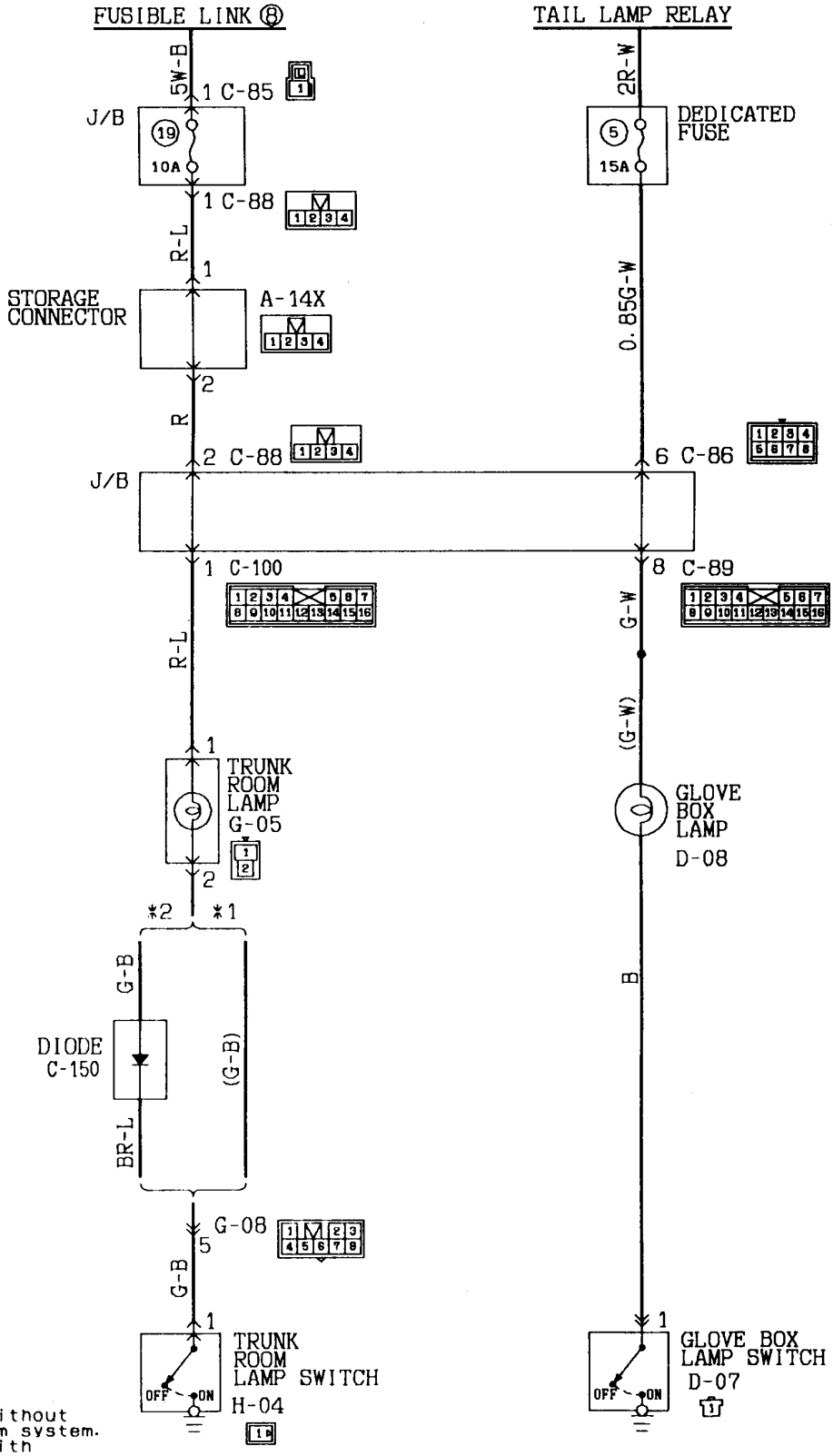
TROUBLESHOOTING HINTS

1. Vanity mirror lamp does not come on.
   (1) The headlamps also don't illuminate.
   - Check the fusible link No. ⑤.
   (2) But the headlamps do illuminate.
   - Check dedicated fuse No. ⑤.
   - Check the vanity mirror lamp switch.
   - Check the tail lamp relay.
   - Check the lighting switch.

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TRUNK ROOM LAMP AND GLOVE BOX LAMP

L.H. drive vehicles



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

Wire colour code

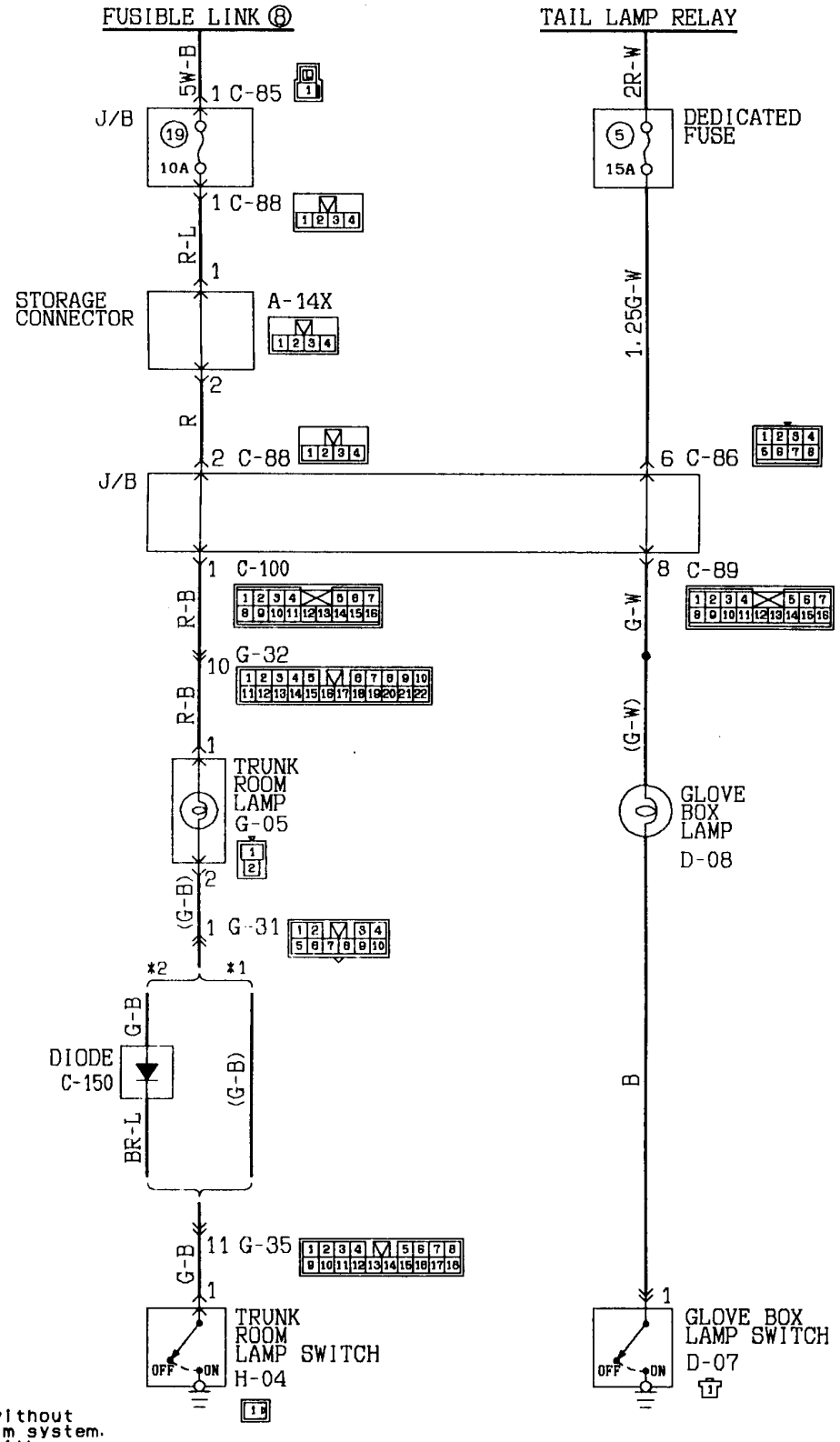
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

KX35-AC-J0883-EC

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TRUNK ROOM LAMP AND GLOVE BOX LAMP

R.H. drive vehicles



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

Wire colour code

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

KX36-AC-J0884-EC

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TRUNK ROOM LAMP AND GLOVE BOX LAMP (See P. 4-172, 173.)

OPERATION

〈Trunk room lamp〉

- Battery voltage is being applied at all times to the luggage compartment lamp through the fusible link No. ⑧ and multi-purpose fuse No. ⑲.
- Opening the trunk room lid turns ON the trunk room lamp switch causing the trunk room 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. Trunk room lamp does not go on.
   1) Room lamp does not go on, either.
      - Check multi-purpose fuse No. ⑲.
   2) Room lamp goes on.
      - Check the lamp bulb.
      - Check the trunk room 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. 4-175, 176, 177.)

OPERATION

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

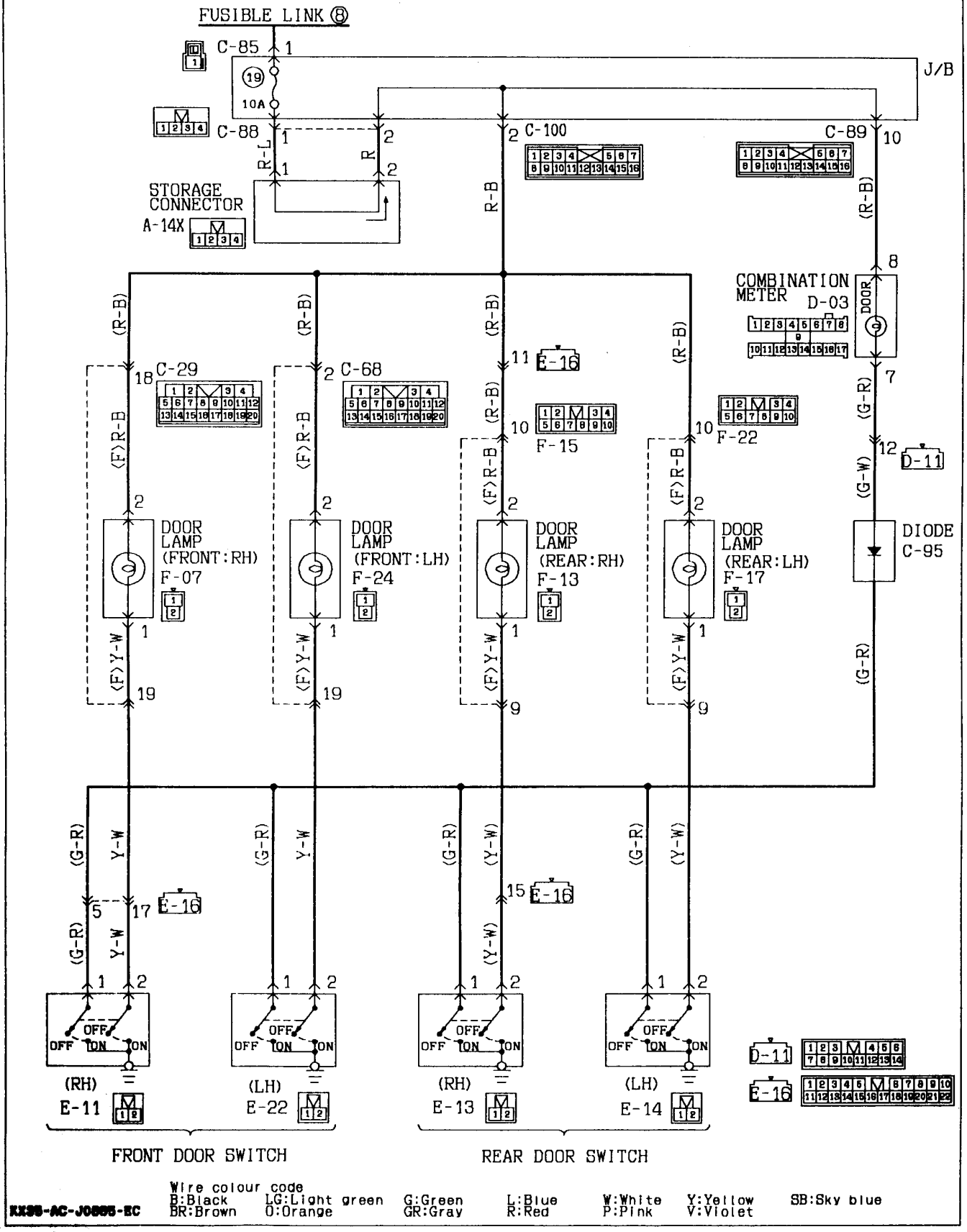
TROUBLESHOOTING HINTS

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

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DOOR LAMP

L.H. drive vehicles with ECS



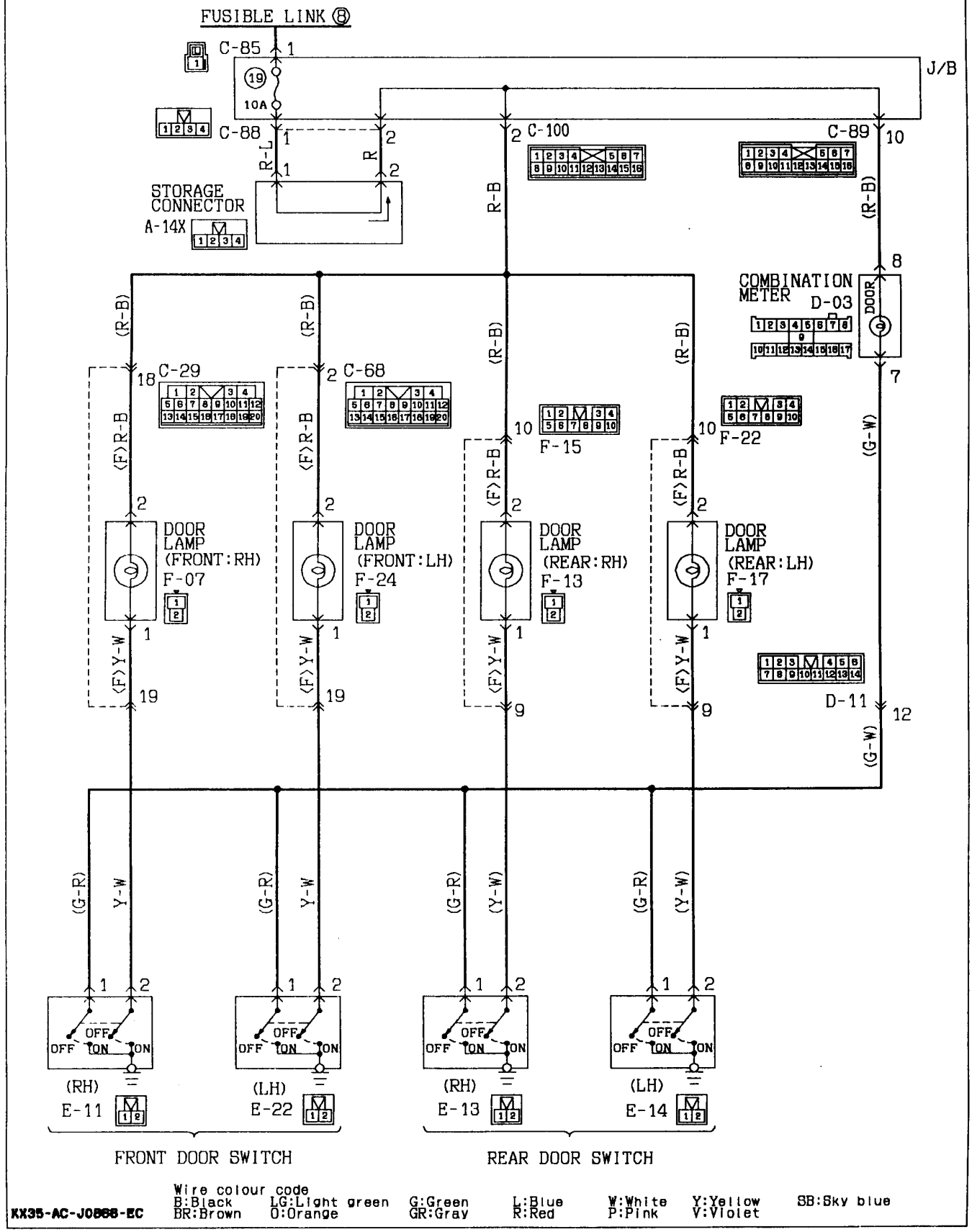
Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

EXES-AC-J0885-EC

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DOOR LAMP

L.H. drive vehicles without ECS



Wire colour code

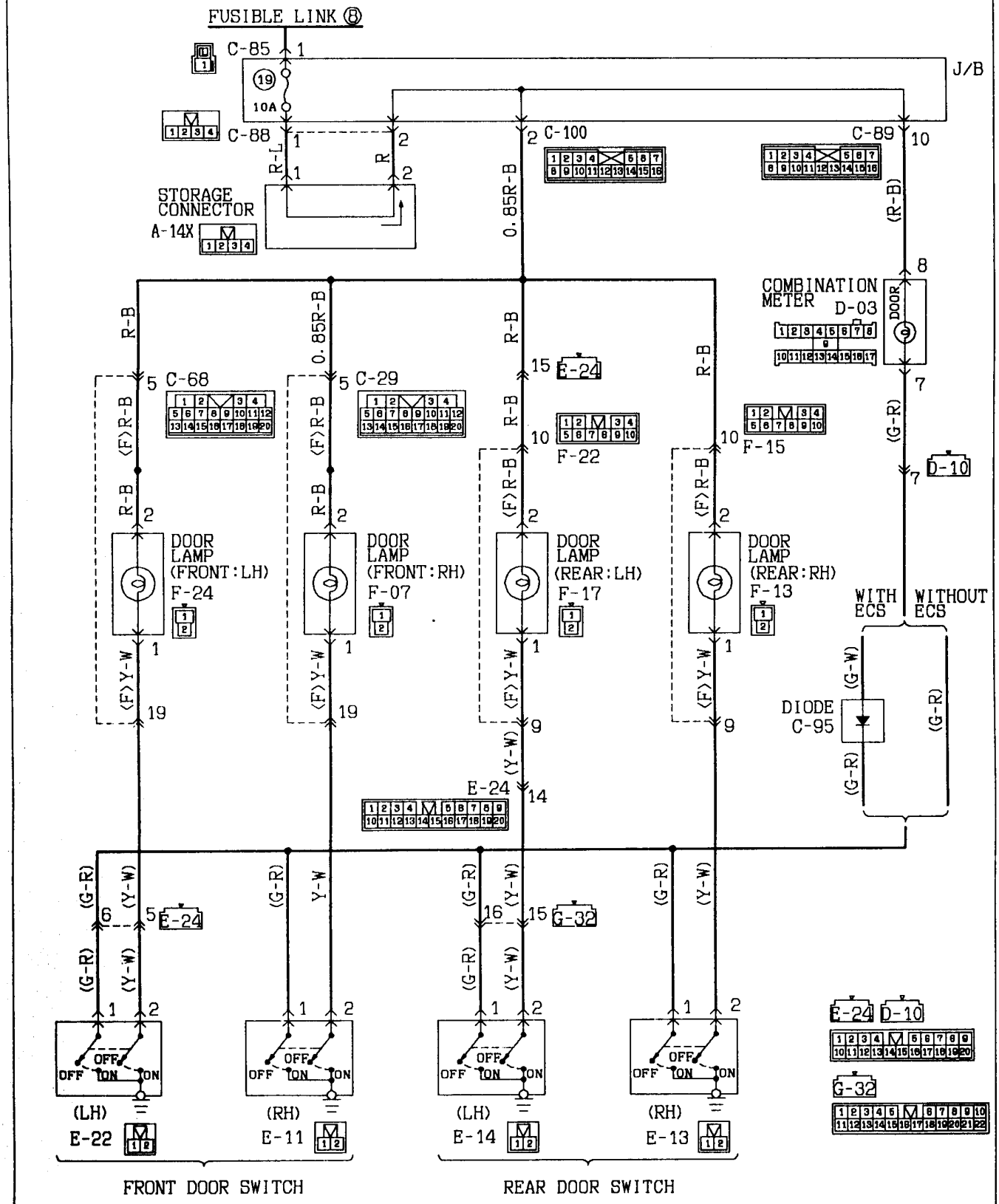
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue	
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		

KX35-AC-J0866-EC

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DOOR LAMP

R.H. drive vehicles

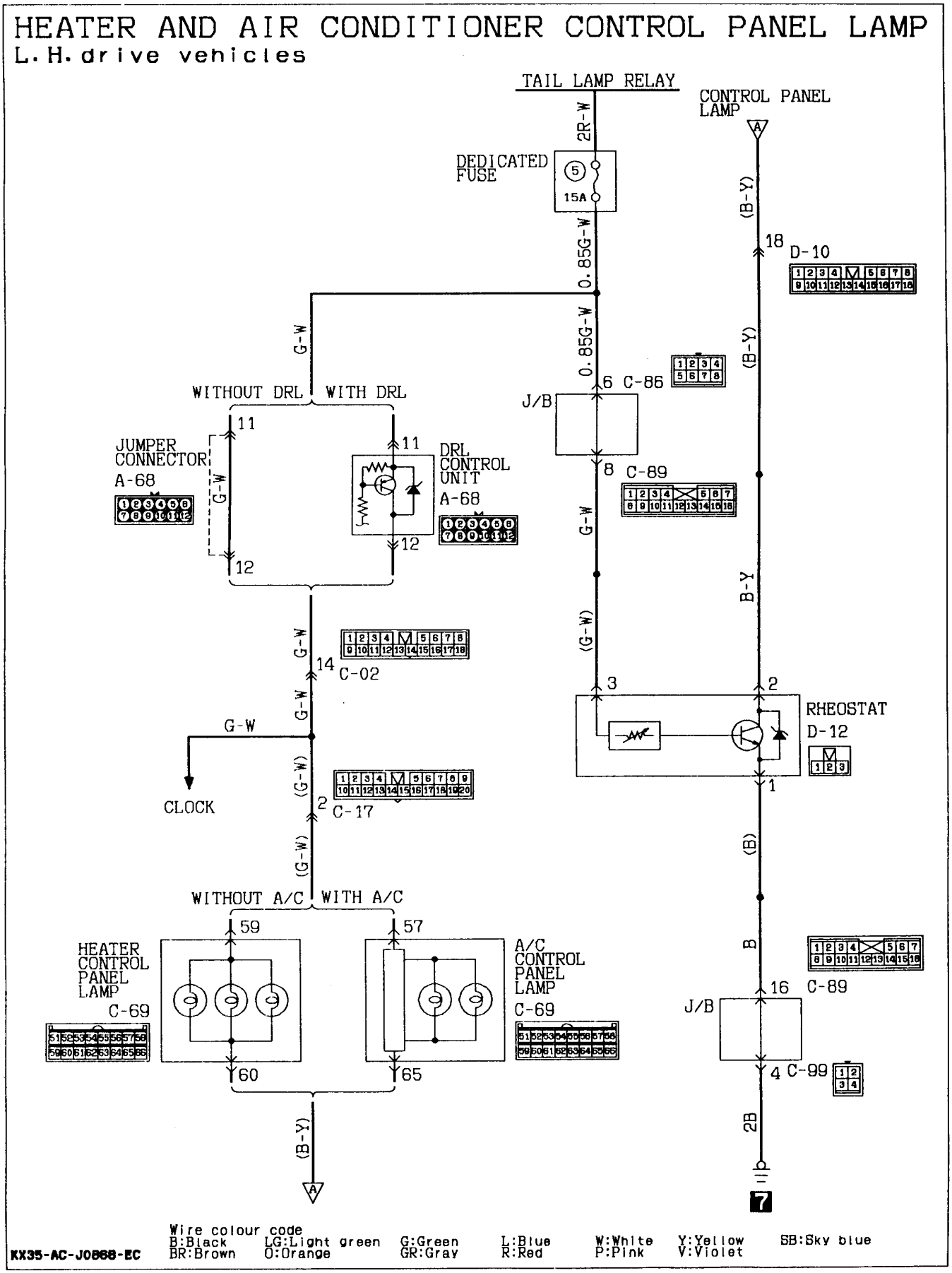


Wire colour code

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KX36-AC-J0667-EC

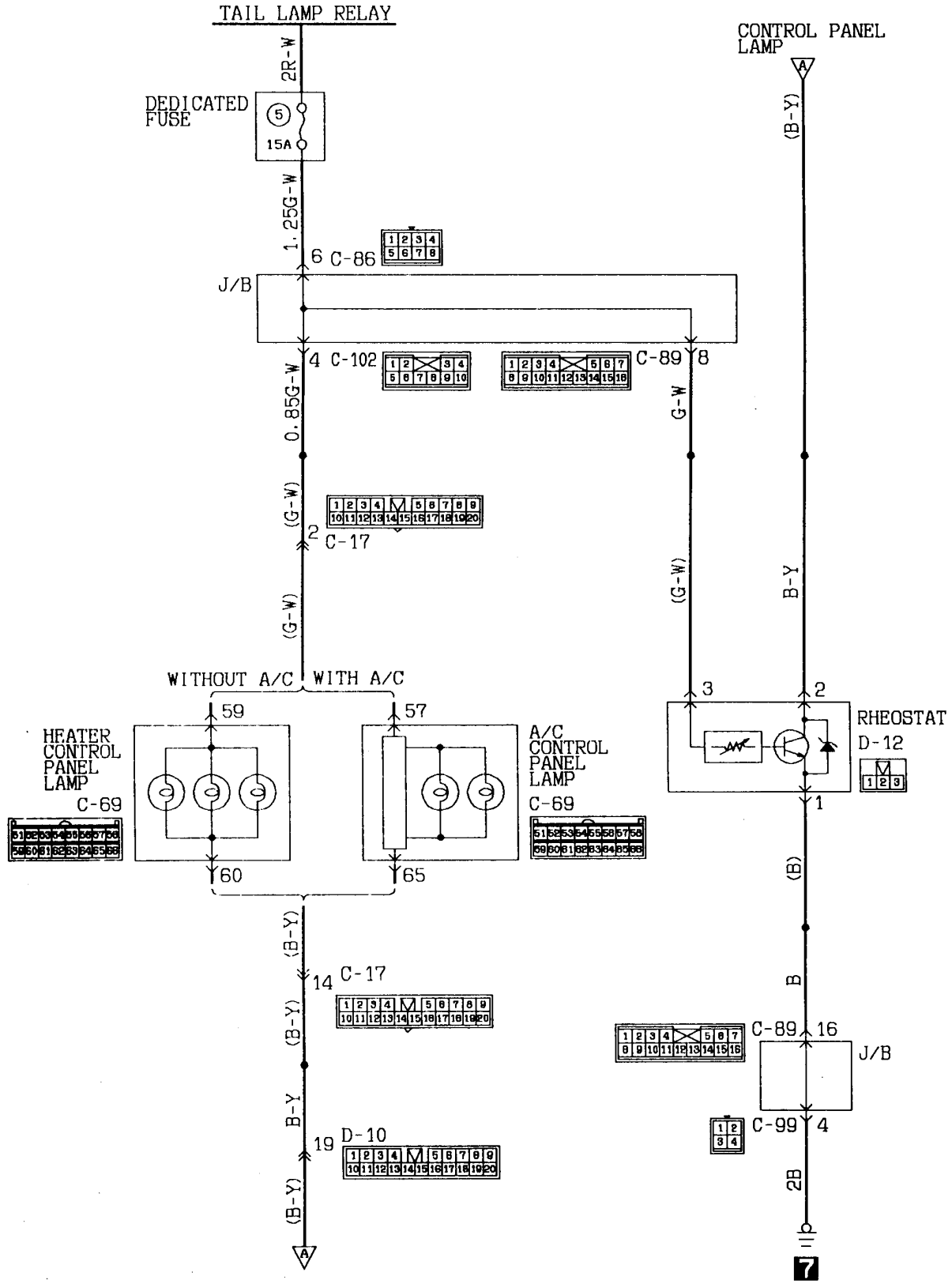
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HEATER AND AIR CONDITIONER CONTROL PANEL LAMP

R.H. drive vehicles



Wire colour code

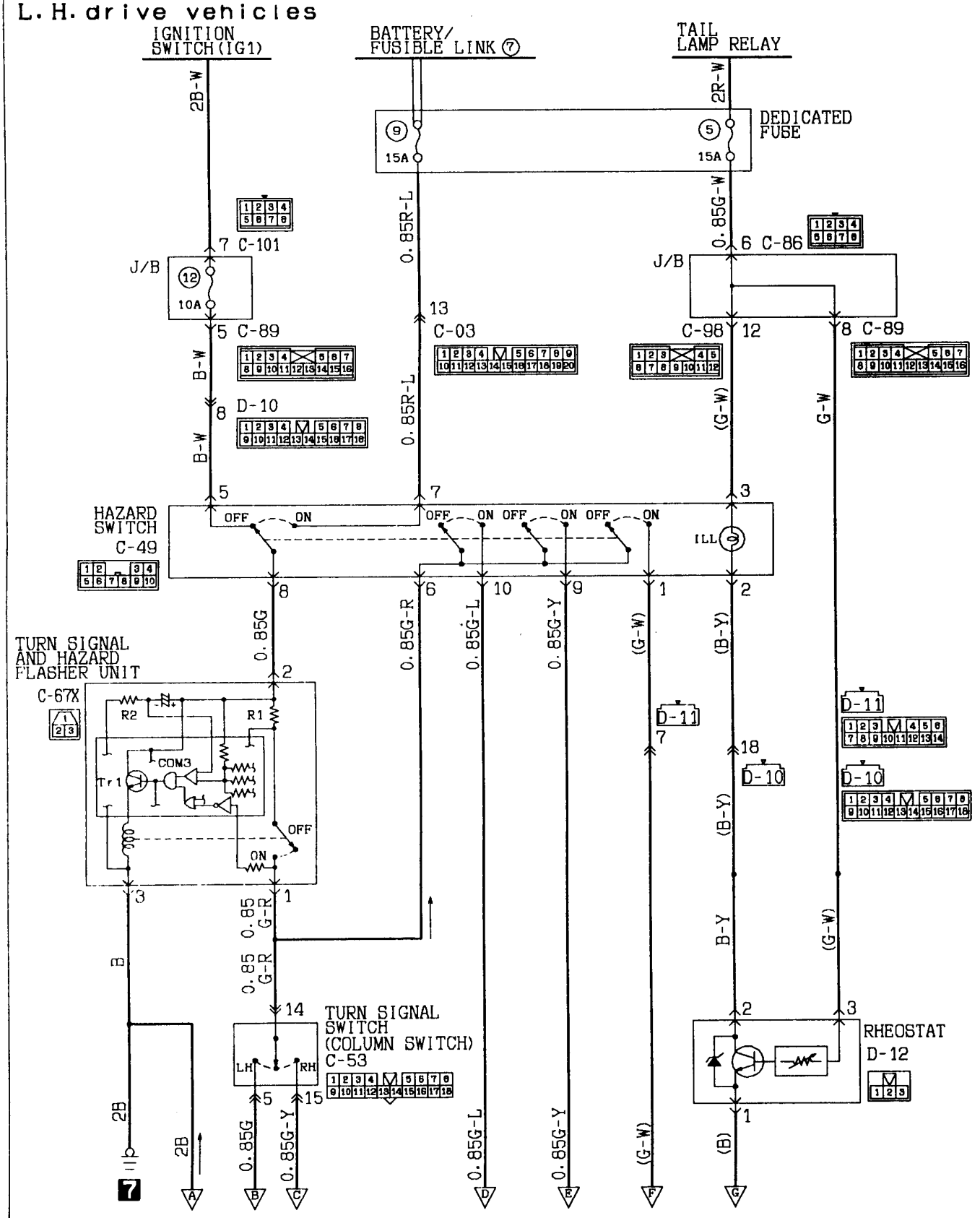
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BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

XX3B-AC-J0B6B-EC

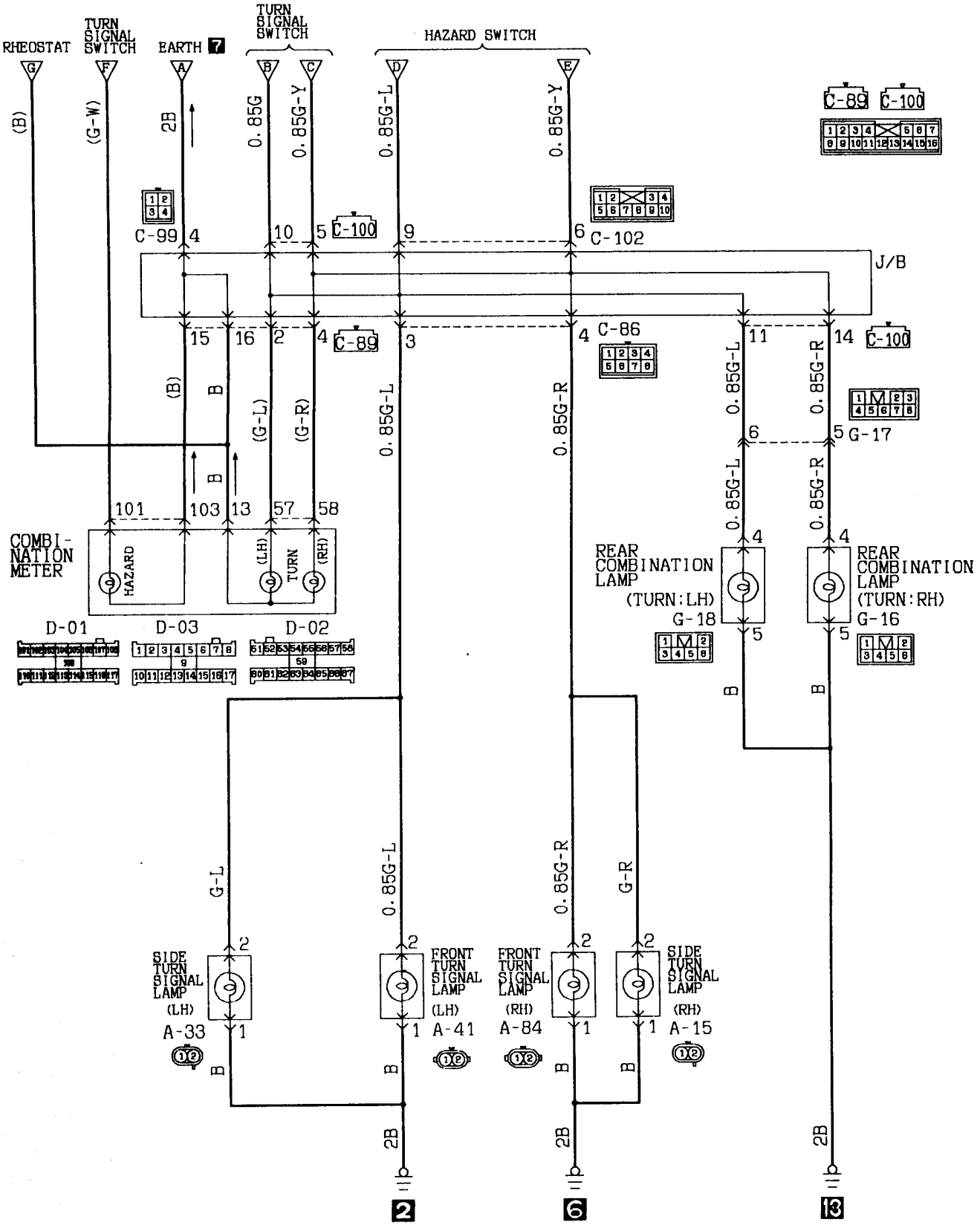
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TURN-SIGNAL LAMP AND HAZARD LAMP

L.H. drive vehicles



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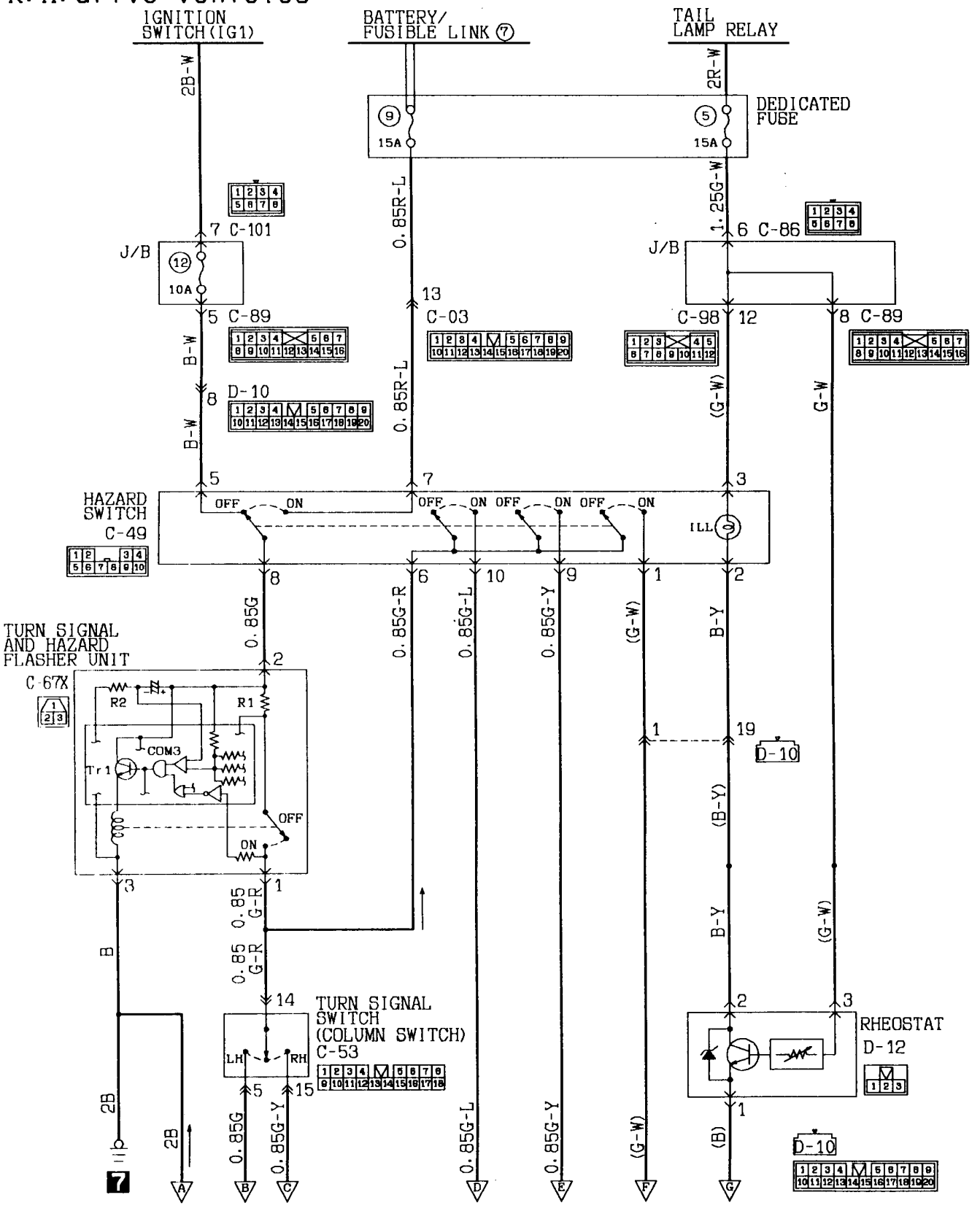
Wire colour code

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

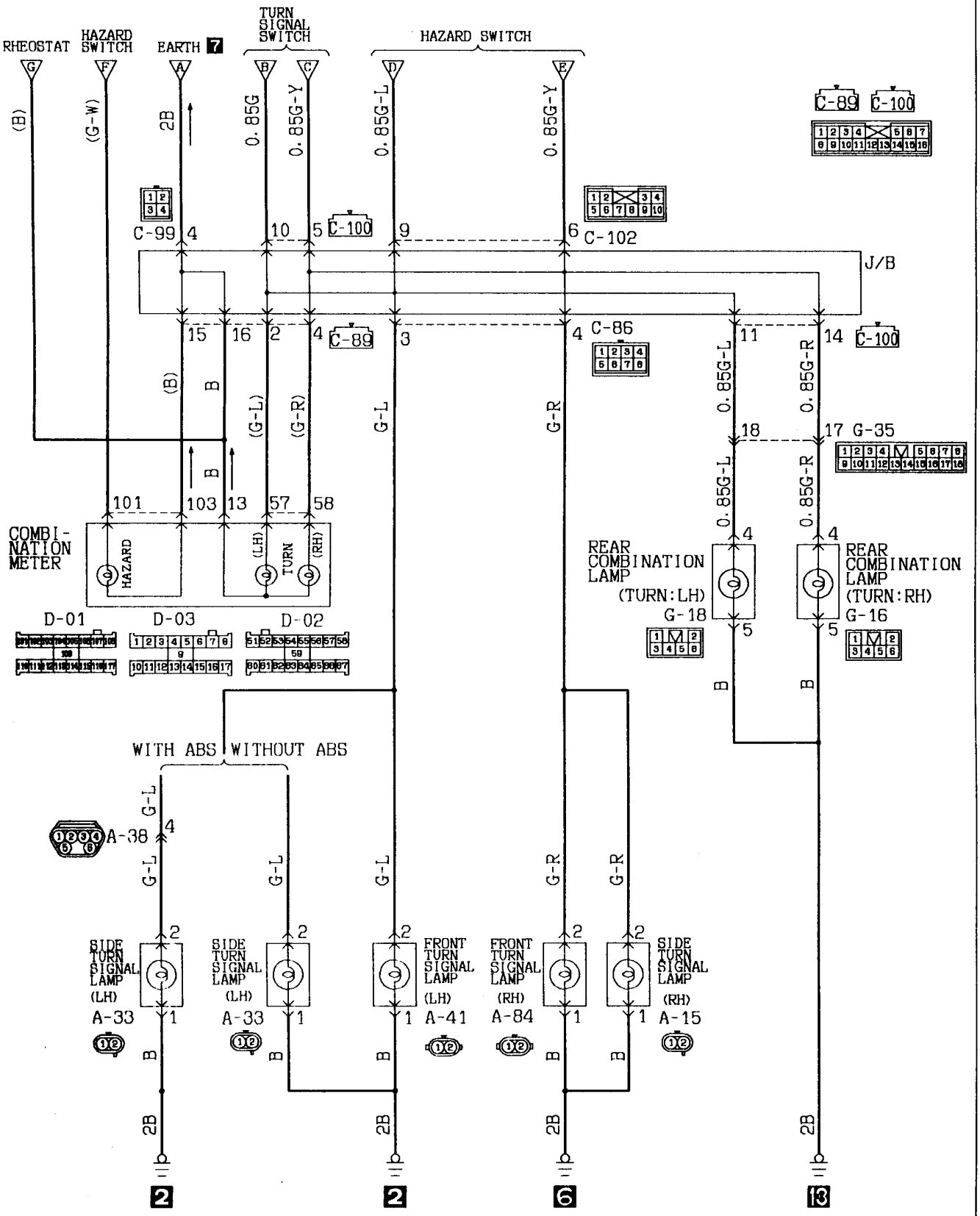
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TURN-SIGNAL LAMP AND HAZARD LAMP

R.H. drive vehicles



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Wire colour code

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

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TURN-SIGNAL LAMP AND HAZARD LAMP (See P. 4-180, 182.)

OPERATION

〈Turn-signal lamp〉

1. In normal operating condition

- When the ignition switch is placed in the ON position, battery voltage is applied through the hazard switch to the turn-signal and hazard flasher unit.
- When the turn-signal switch is placed in the LH (or RH) position, Tr1 in the flasher unit turns ON, causing the relay contacts in the flasher unit to close. This results in the LH (or RH) turn-signal lamp and turn-signal indicator lamp lighting up.
- At the same time, the capacitor is charged through R2 up to the lower limit as set by COM3.
- As soon as the capacitor is fully charged, the output from COM3 is inverted, turning OFF Tr1. This opens the relay contacts and, as a result, the LH (or RH) turn-signal lamp and turns-signal indicator lamp go out.
- At the same time when Tr1 turns OFF, the capacitor starts discharging. As soon as the capacitor completes discharging, the COM3 output is inverted again causing Tr1 to turn ON. This results in the LH (or RH) turn-signal lamp and turn-signal indicator lamp coming on.
- These sequences of operation repeat, which results in the LH (or RH) turn-signal lamp and turn-signal indicator lamp flashing off and on.

2. When one bulb is burnt

- When either one of the turn-signal lamp bulbs goes out, it causes the resistance of the entire lamp circuit to increase; hence a smaller voltage drop at R1 in the flasher unit.
- This smaller voltage drop is sensed and the lower voltage limit set by COM3 is raised, thus shortening the time required by the capacitor before it is fully charged.
- As a result, the on-off cycle of Tr1 becomes shorter with the resultant greater number of times the lamp flashes on and off.

〈Hazard lamp〉

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

Remark

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

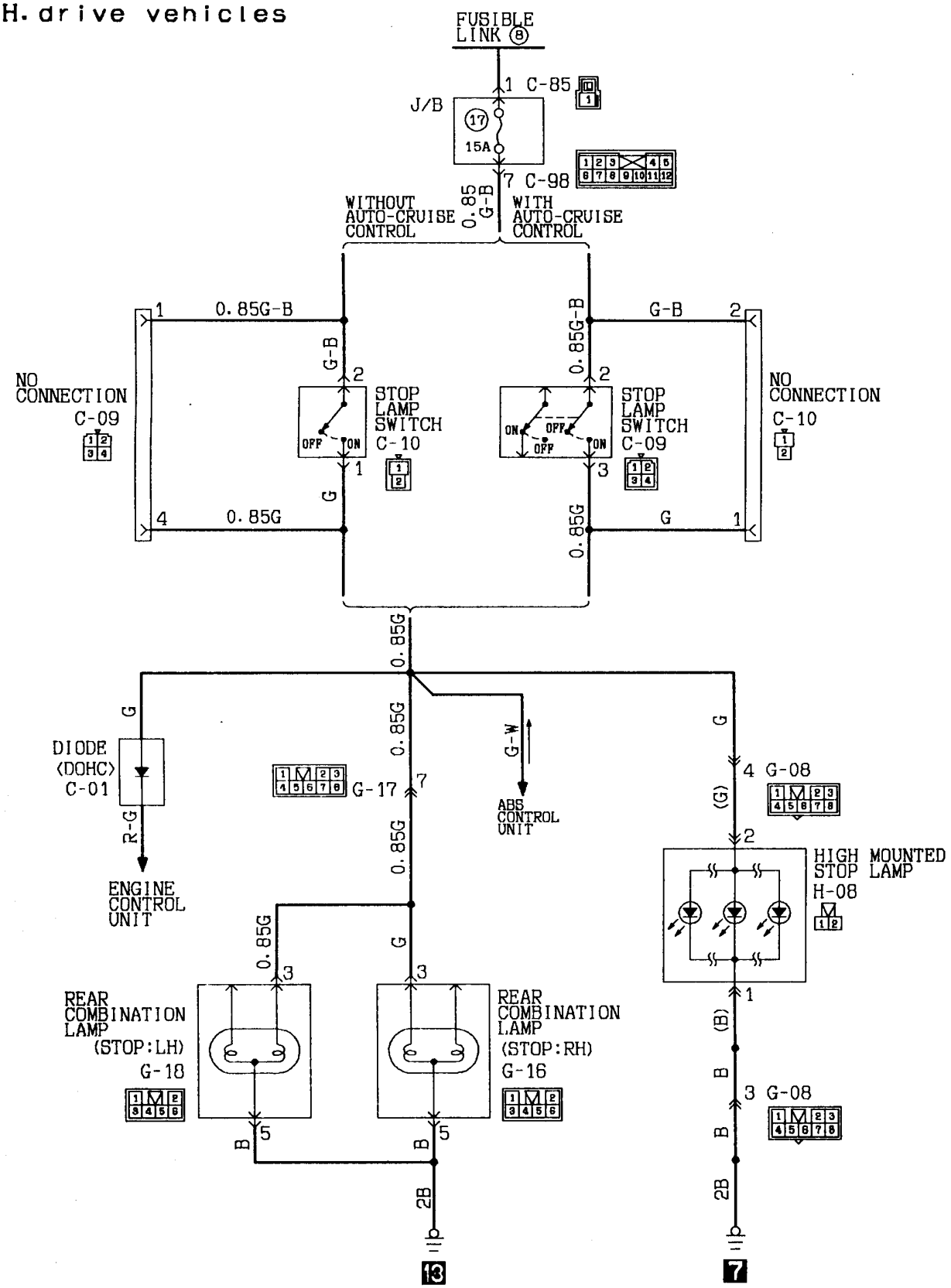
TROUBLESHOOTING HINTS

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

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STOP LAMP

L.H. drive vehicles



Wire colour code

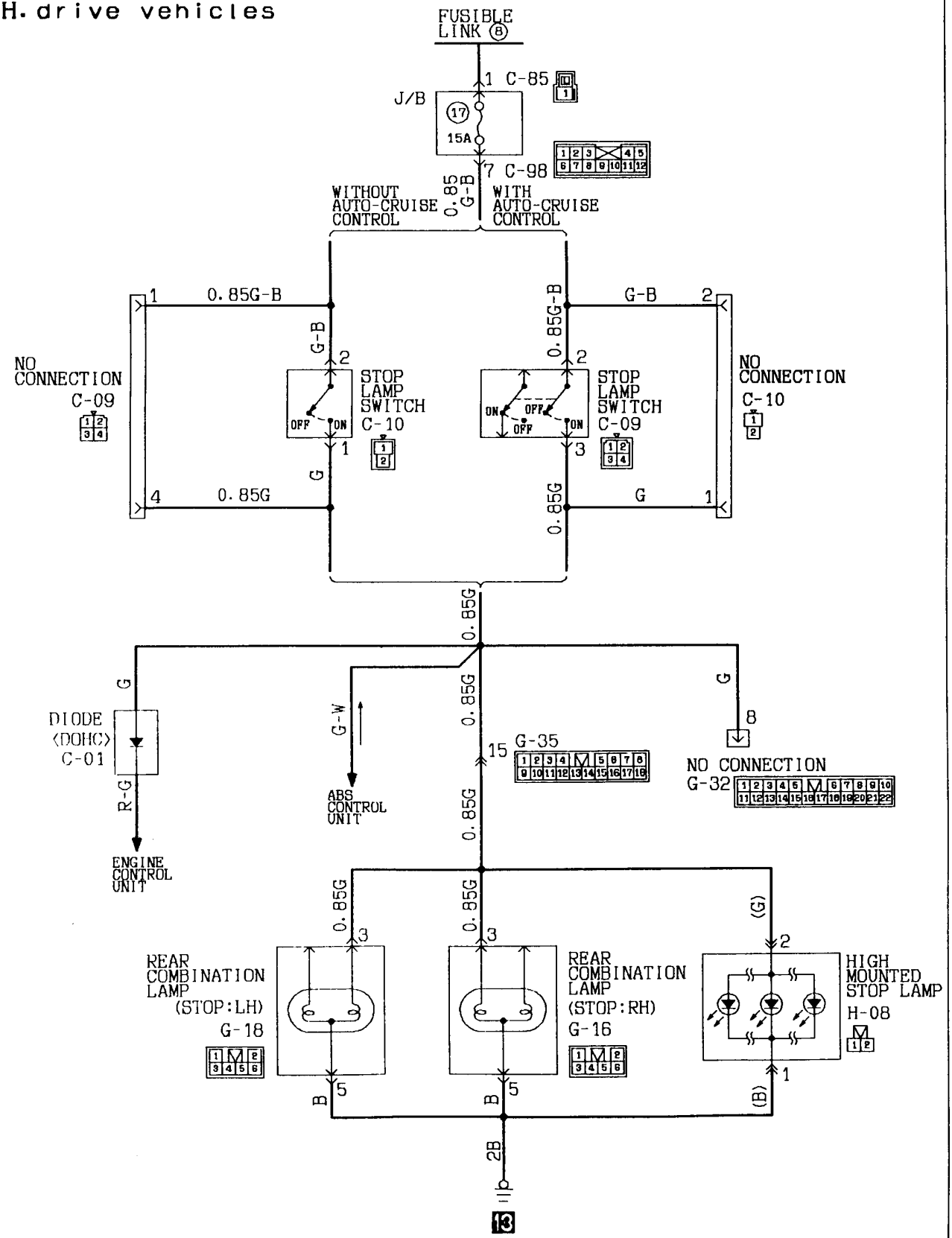
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BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

KX96-AC-J0820-EC

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STOP LAMP

R.H. drive vehicles



Wire colour code

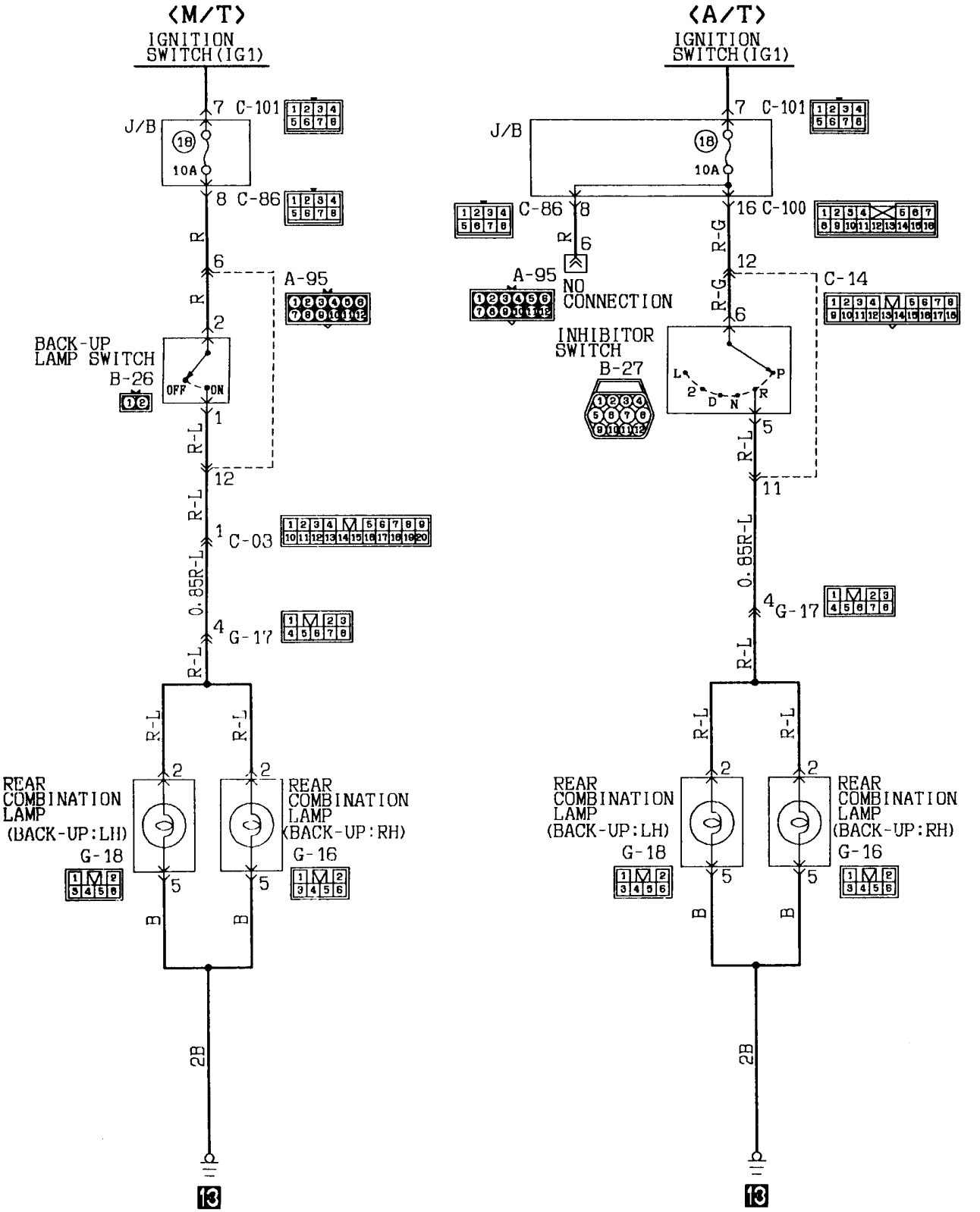
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue	
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		

KX35-AC-J0921-EC

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BACK-UP LAMP

L.H. drive vehicles



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

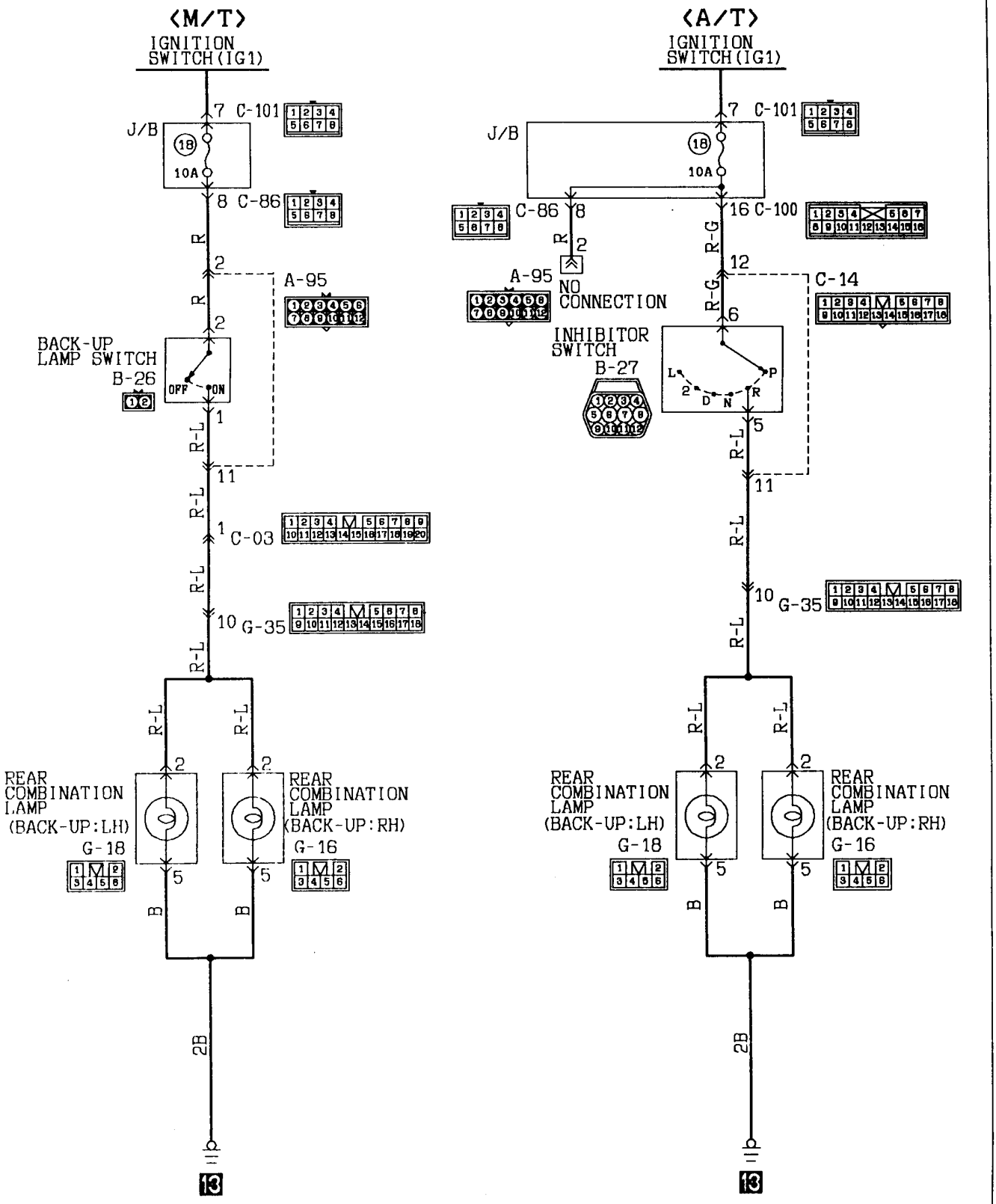
KX3B-AC-J0922-EC

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PHGE9229

BACK-UP LAMP

R.H. drive vehicles



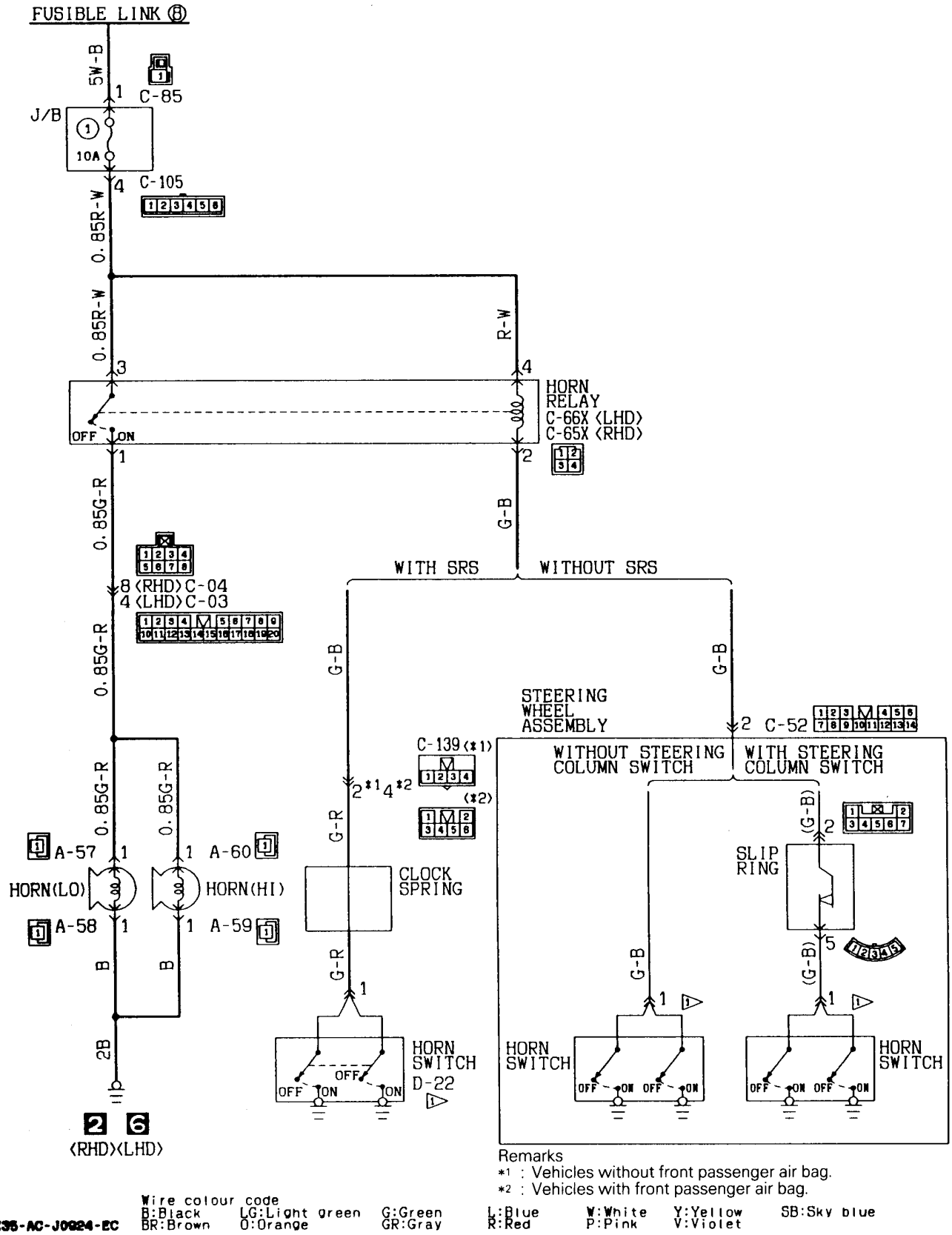
Wire colour code

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

KX35-AC-J0923-EC

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HORN

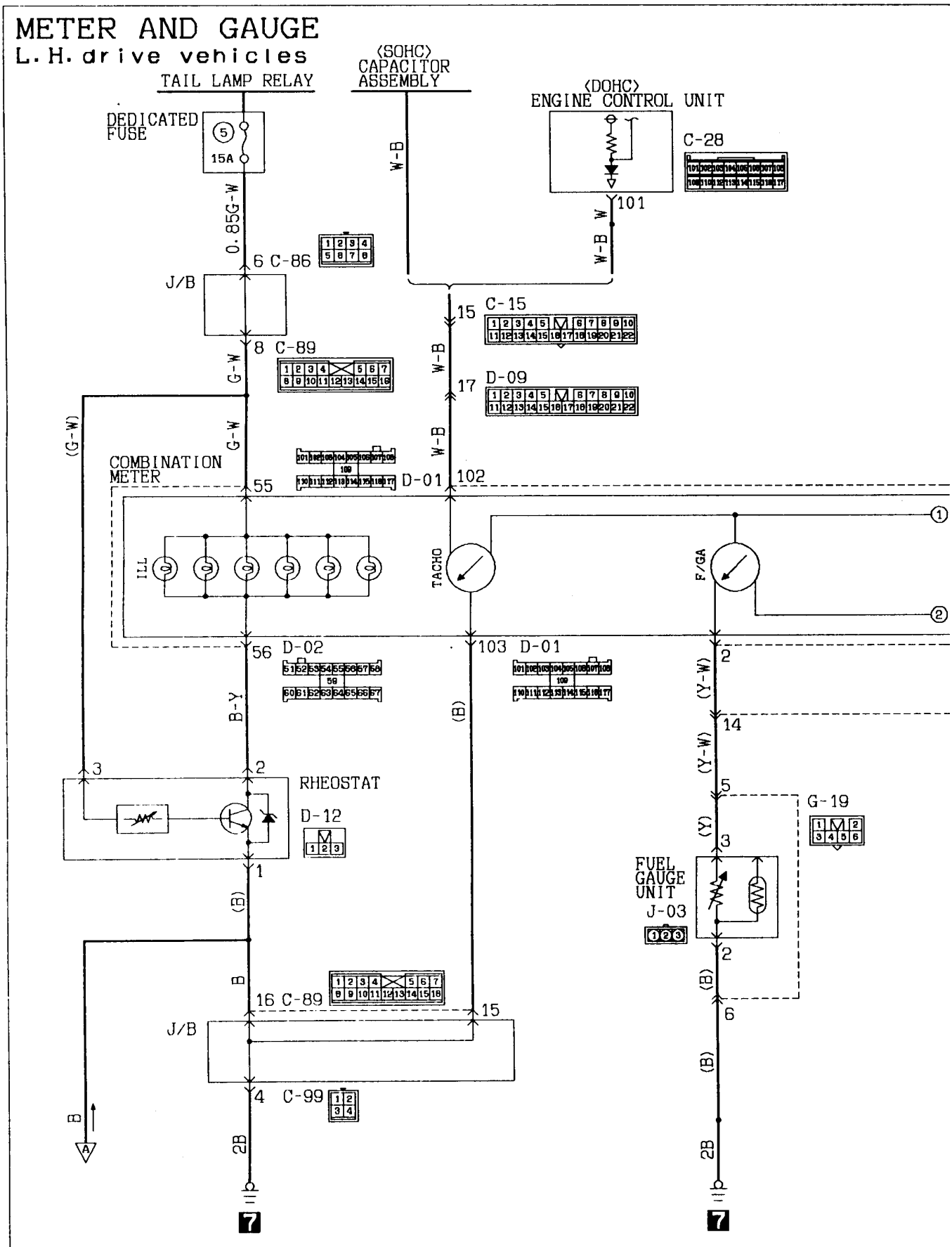


Remarks
*1 : Vehicles without front passenger air bag.
*2 : Vehicles with front passenger air bag.

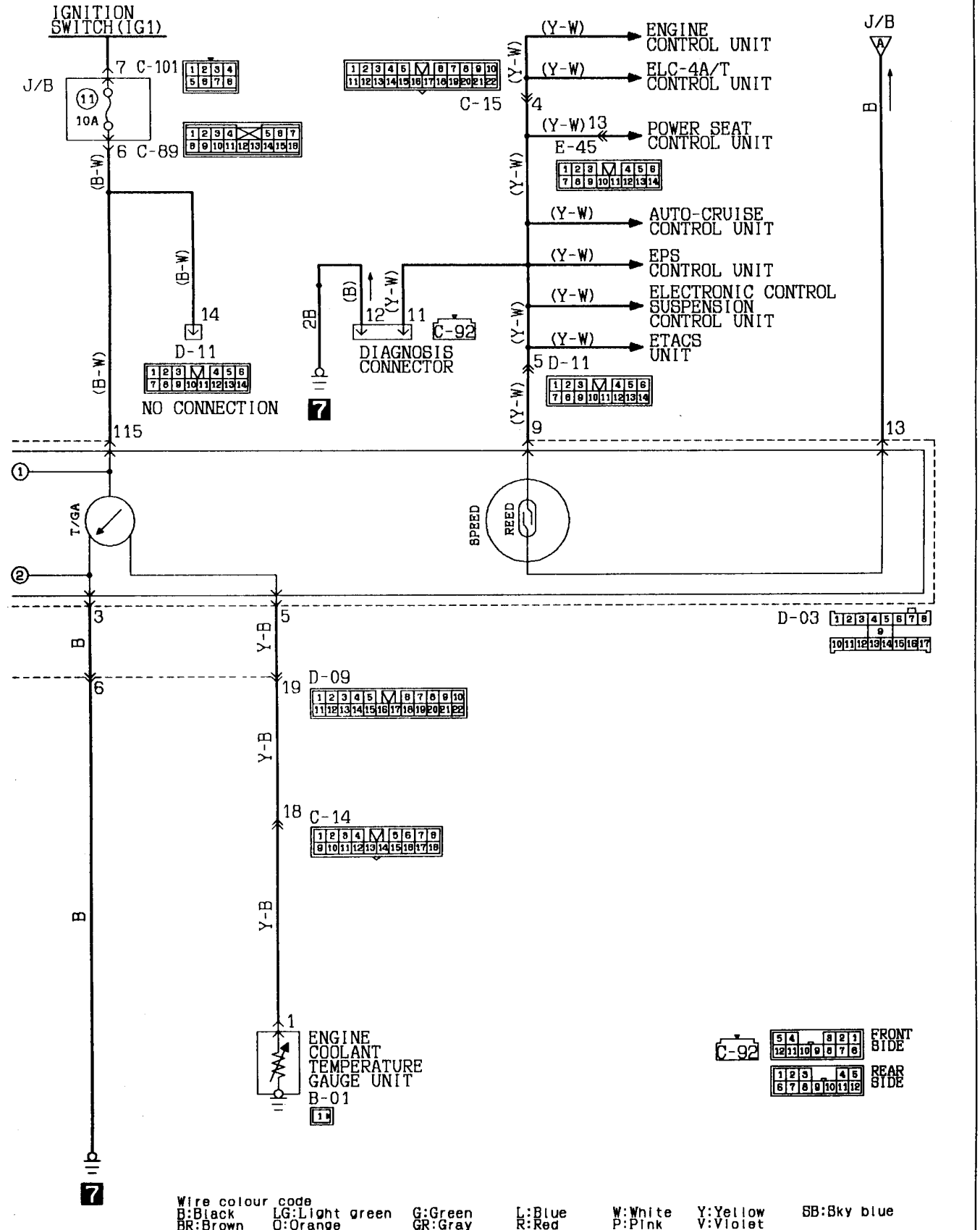
Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX36-AC-J0924-EC

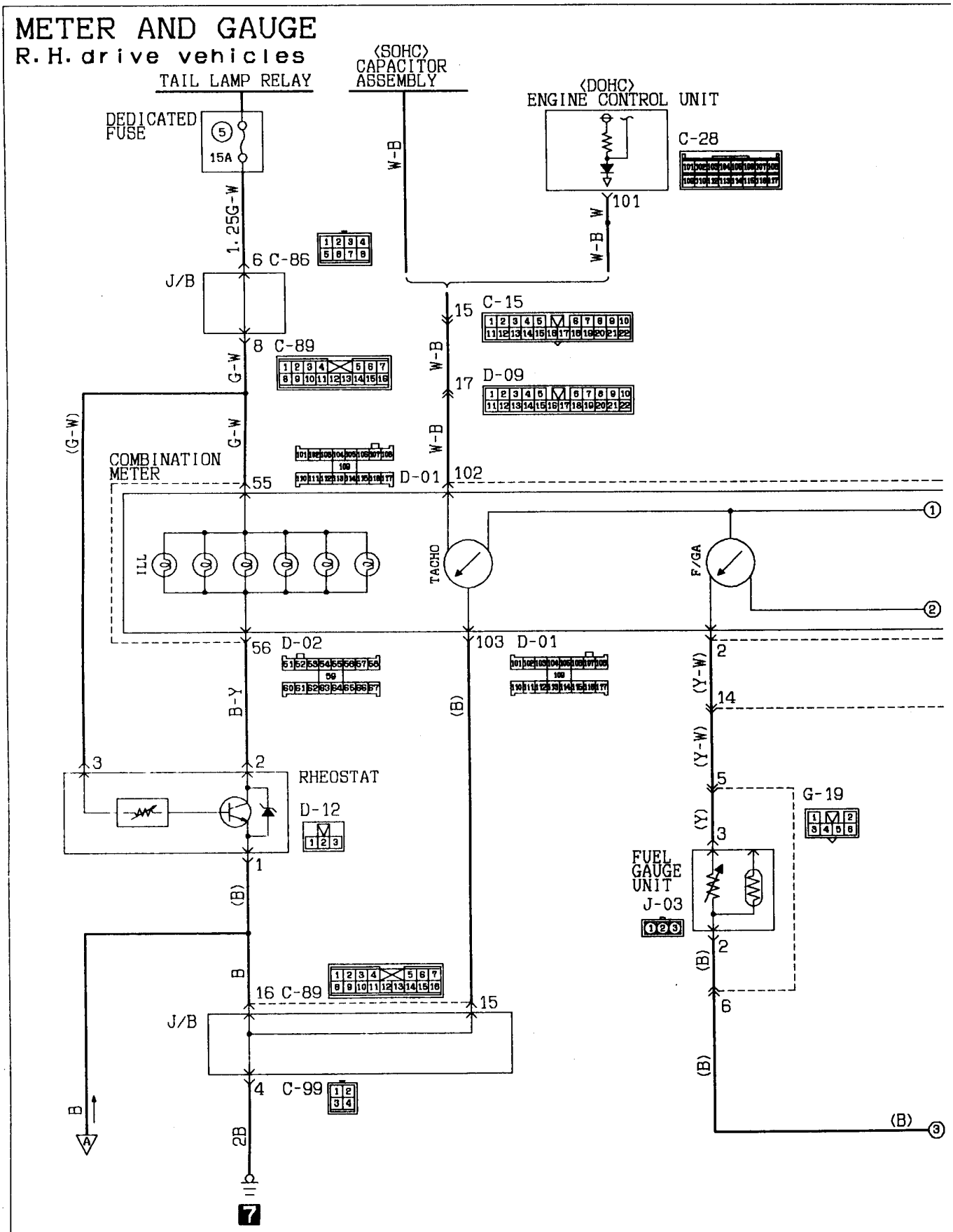
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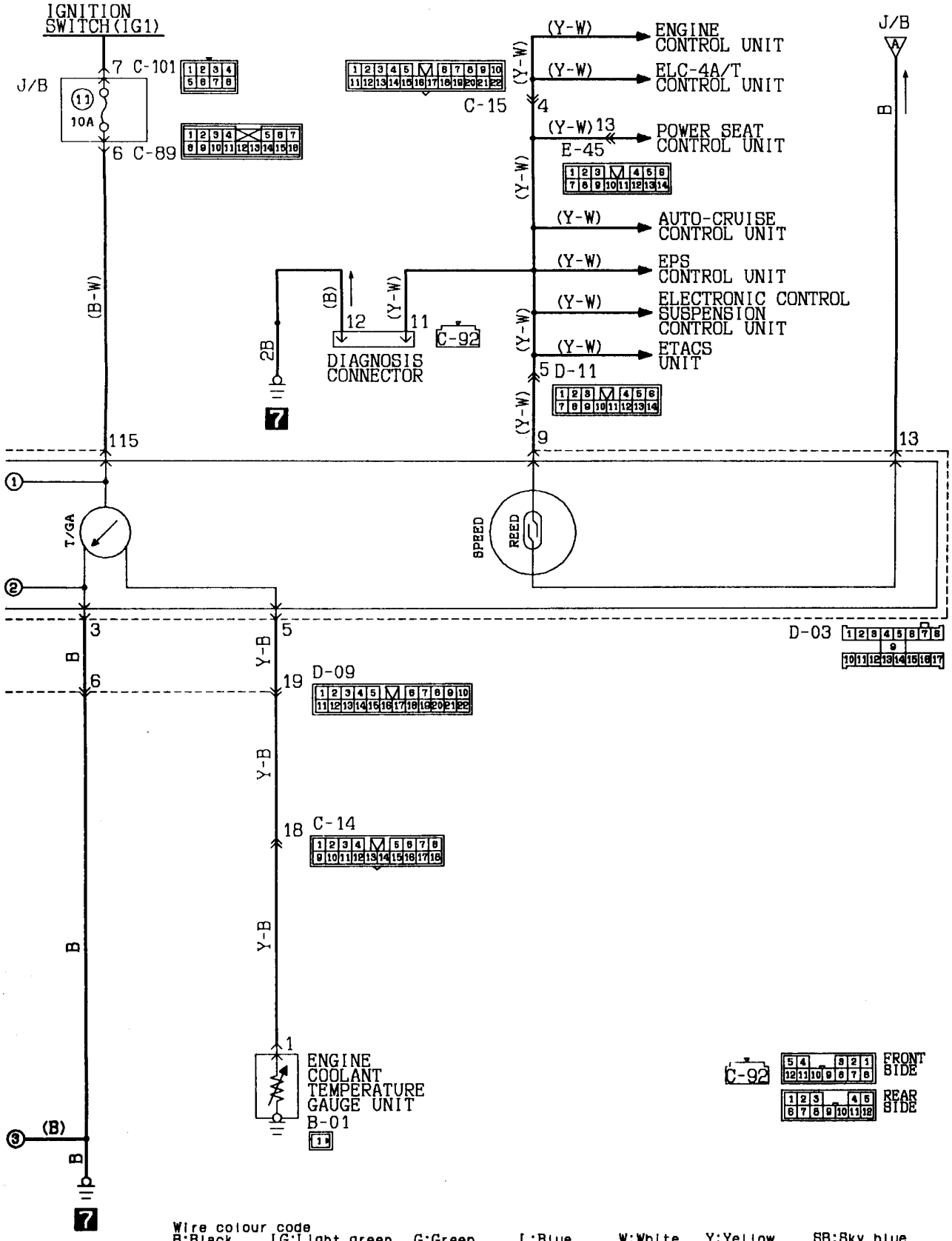


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METER AND GAUGE (See P. 4-190, 192.)

OPERATION

〈Fuel gauge〉

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

Remark

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

〈Engine coolant temperature gauge〉

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

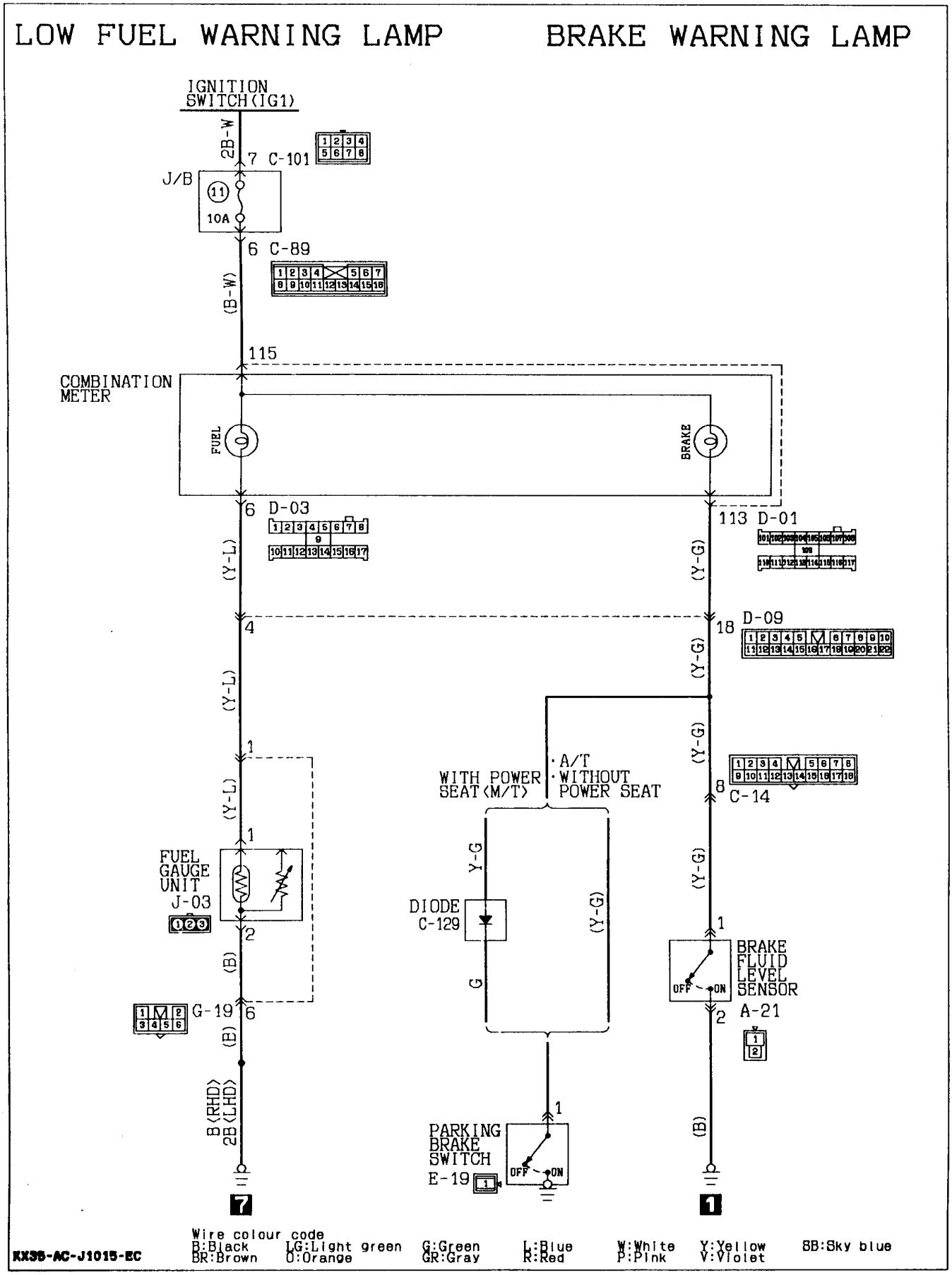
〈Reed switch〉

- This switch generates pulses according to the current vehicle speed and provides a vehicle-speed signal for the control systems using vehicle speeds as an input source (such as transmission control system).

TROUBLESHOOTING HINTS

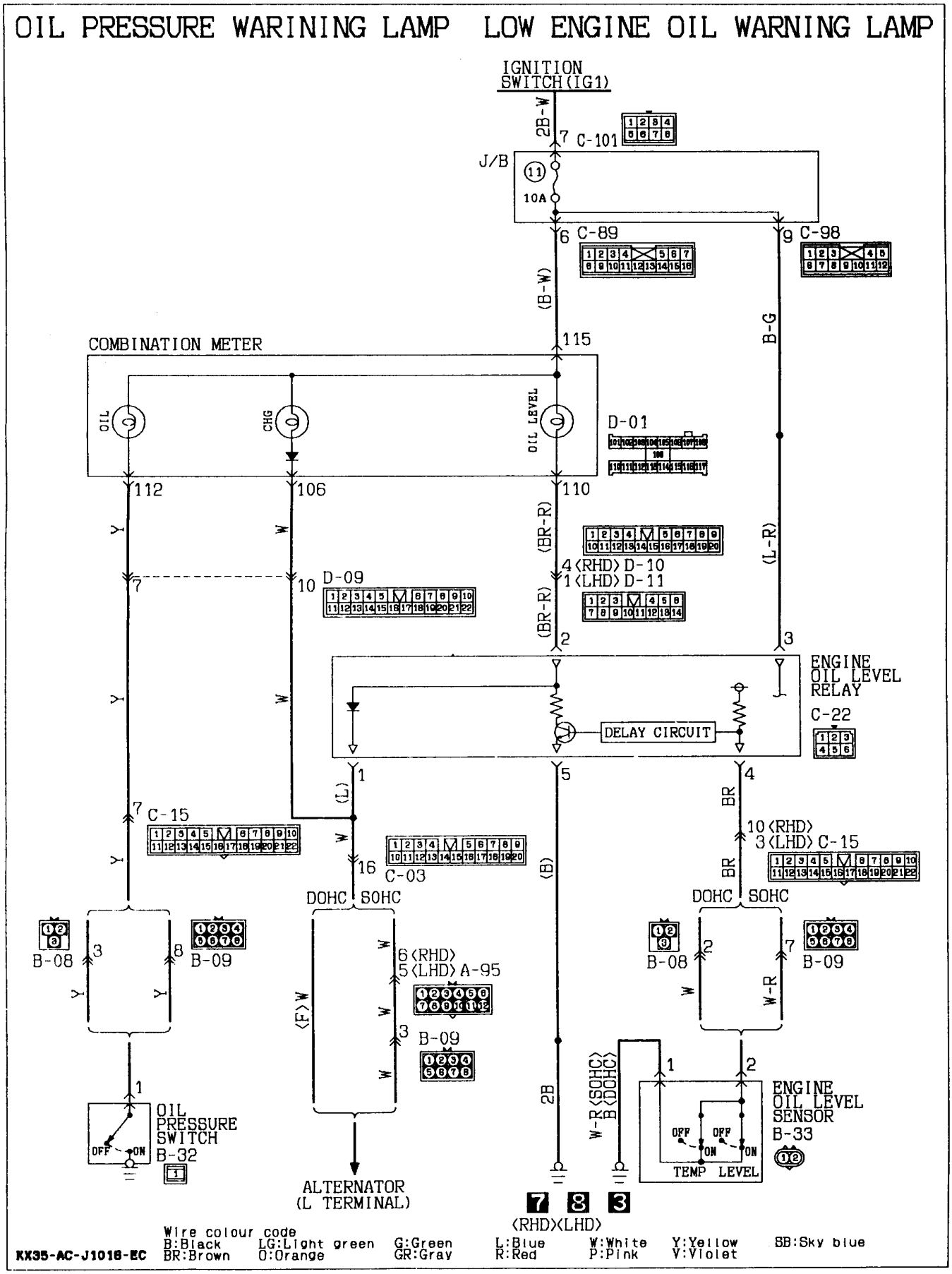
1. Fuel gauge does not operate, or registors incorrectly.
   1) The fuel gauge indicates "F" when the fuel gauge unit connector is disconnected and the "3" terminal is earthed.
      - Check fuel gauge.
2. Engine coolant temperature gauge does not operate, or registers incorrectly.
   1) When the engine coolant temperature gauge is earthed with its connector unplugged, it registers "H".
      - Check engine coolant temperature gauge unit.
3. Vehicle-speed-dependent control system do not operate.
   - Check reed switch of speedometer.
4. Meter illumination lamp does not go on.
   1) Tail lamps go on.
      - Check rheostat.

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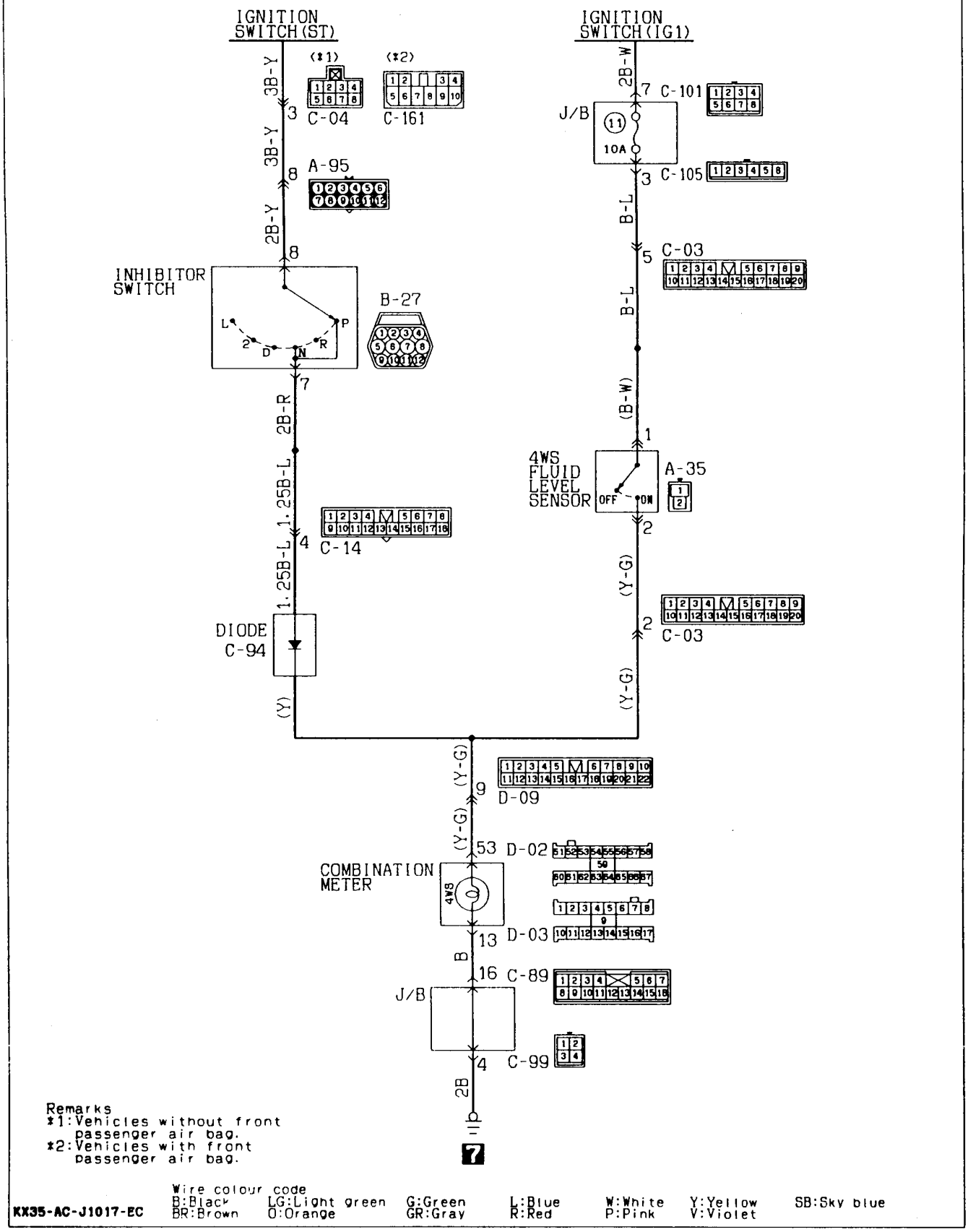


KX35-AC-J1016-EC

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4WS FLUID LEVEL WARNING LAMP

L.H. drive vehicles



Remarks
*1: Vehicles without front passenger air bag.
*2: Vehicles with front passenger air bag.

Wire colour code

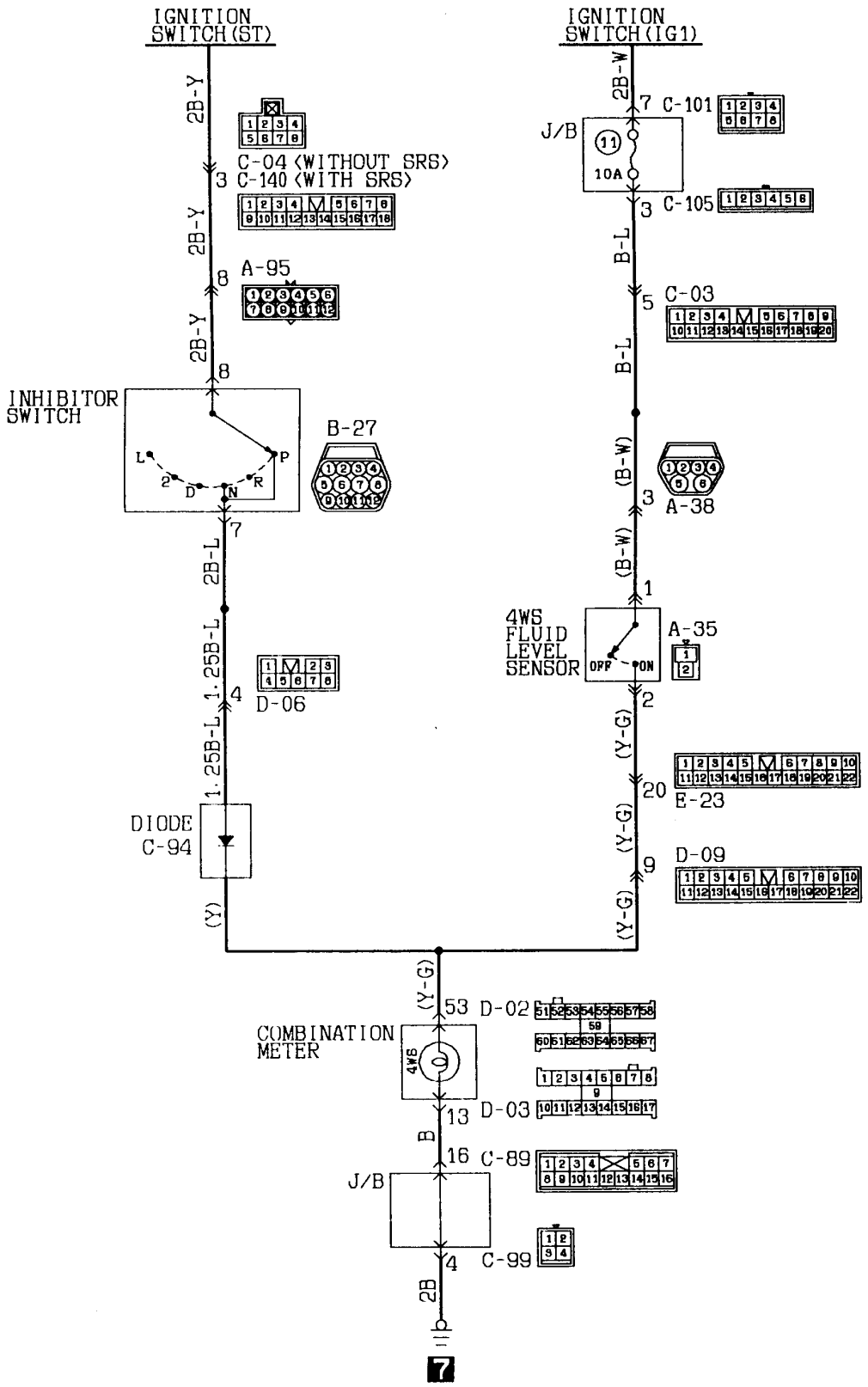
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue	
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		

KX35-AC-J1017-EC

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4WS FLUID LEVEL WARNING LAMP

R.H. drive vehicles



Wire colour code

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

KX35-AC-J101B-EC

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LOW FUEL WARNING LAMP (See P. 4-195.)
BRAKE WARNING LAMP (See P. 4-195.)
OIL PRESSURE WARNING LAMP (See P. 4-196.)
LOW ENGINE OIL WARNING LAMP (See P. 4-196.)
4WS FLUID LEVEL WARNING LAMP (See P. 4-197, 198.)

OPERATION

〈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.

〈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.

〈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 engine oil warning lamp〉

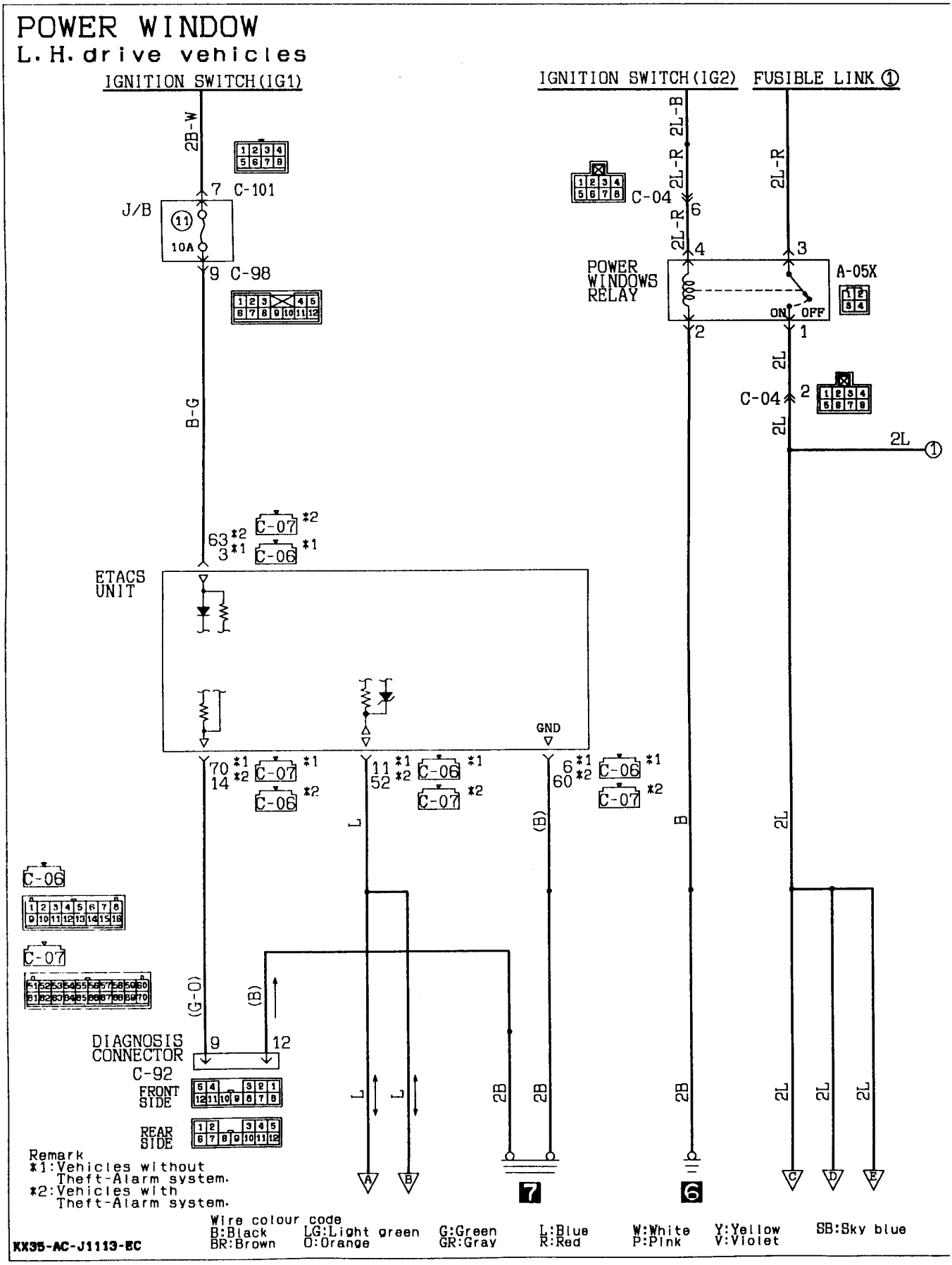
- When the ignition switch is turned to the "ON" position (in the state where the engine is stopped), electric current will flow to terminal "L" of the alternator through the multi-purpose fuse No. ⑪, low engine oil warning lamp and engine oil level relay and the low engine oil warning lamp will also 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, 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.

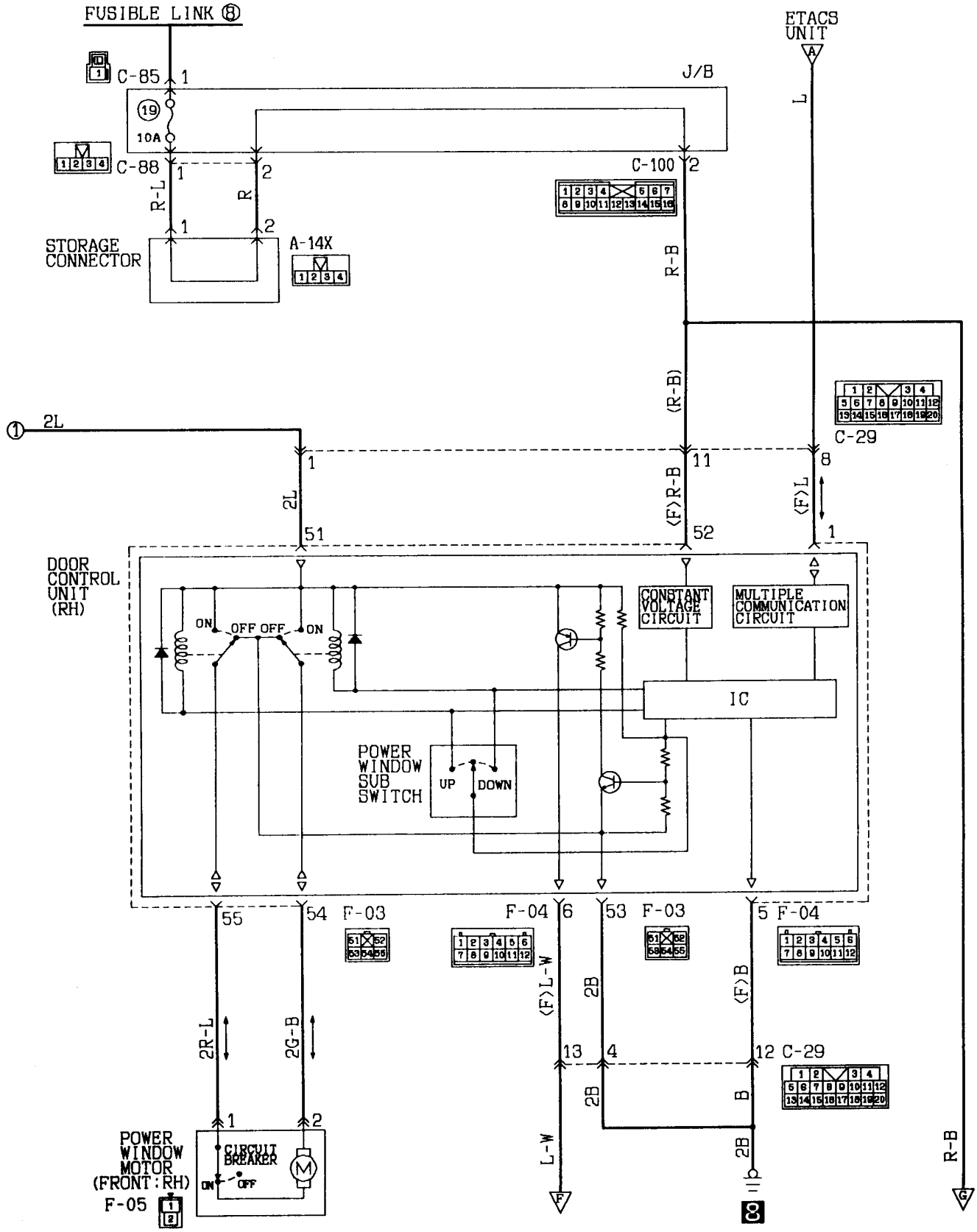
〈4WS fluid level warning lamp〉

- 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.

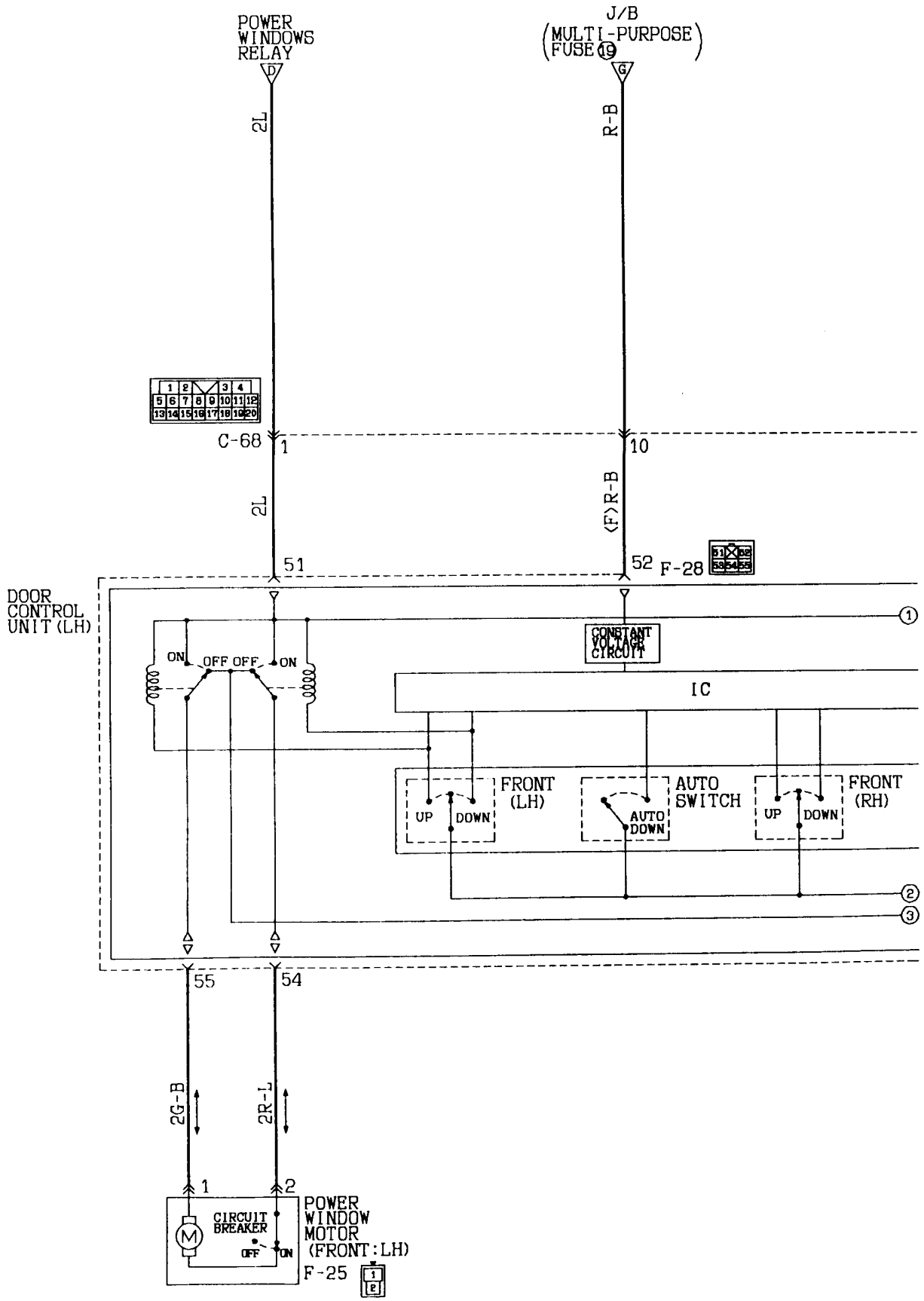
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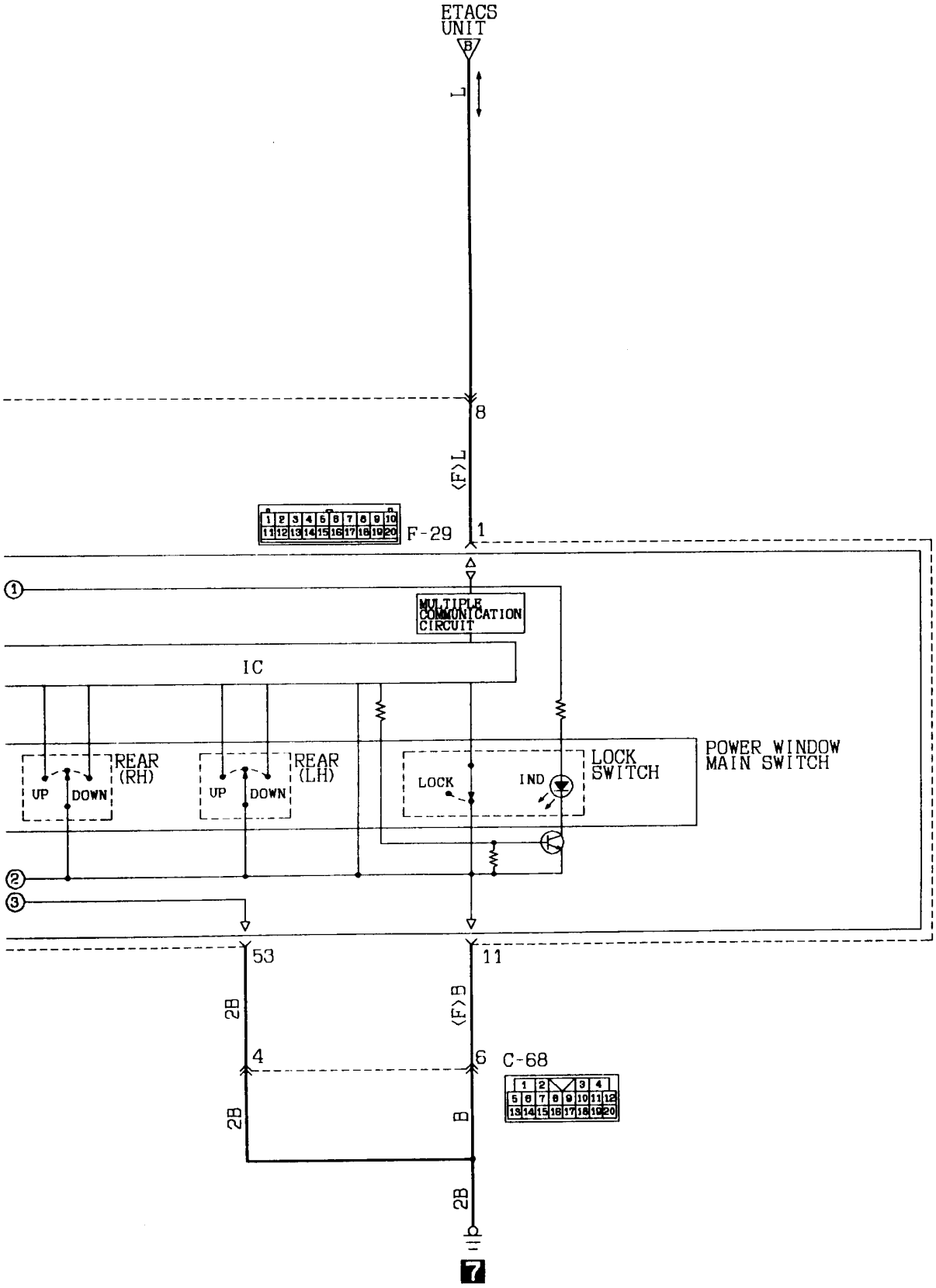
© Mitsubishi Motors Corporation Dec. 1992

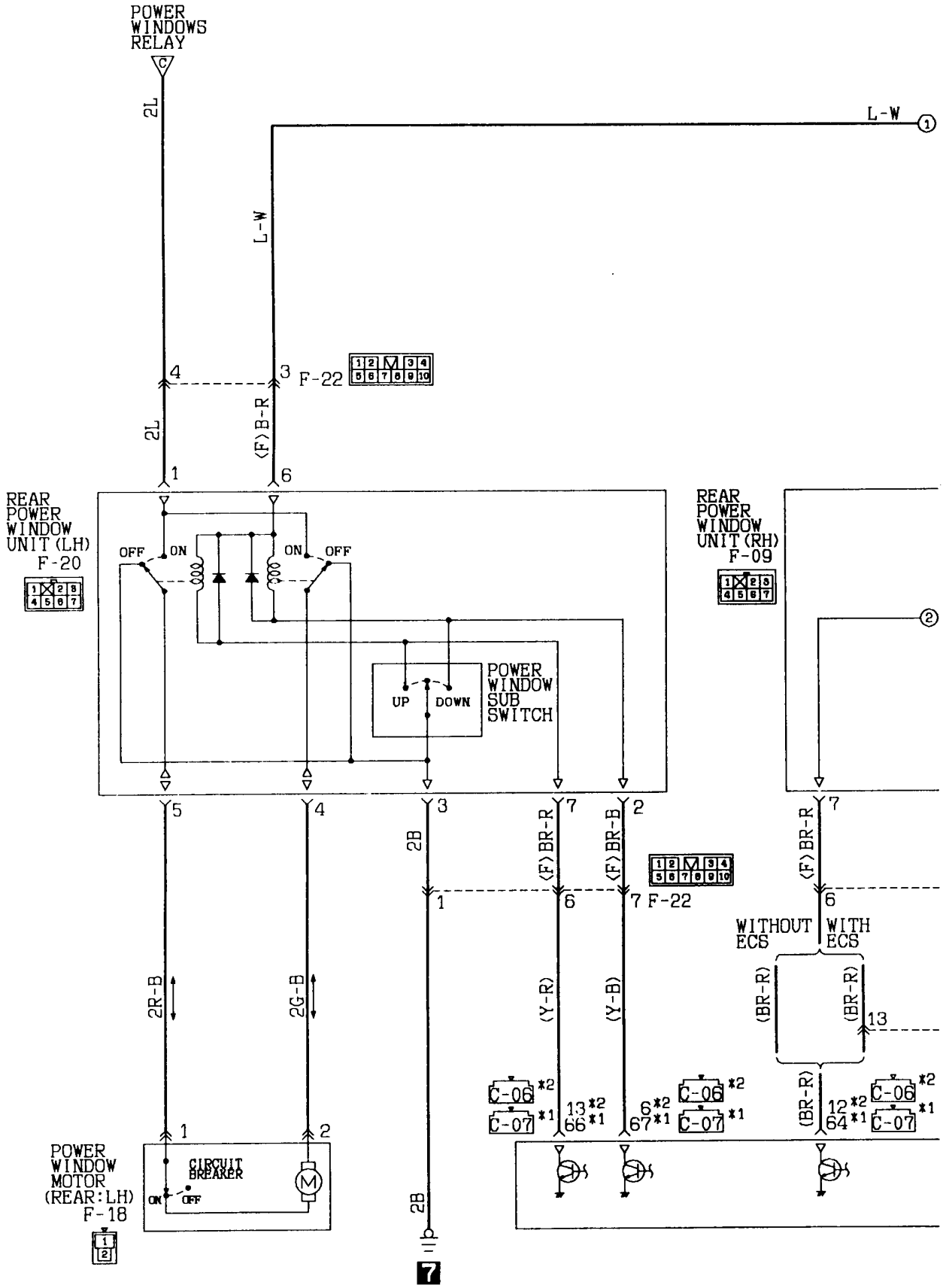


Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-J1113A-EC

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ETACS
UNIT
B
L
8
(F)L
F-29
1
MULTIPLE
COMMUNICATION
CIRCUIT
IC
REAR
(RH)
UP
DOWN
REAR
(LH)
UP
DOWN
LOCK
IND
LOCK
SWITCH
POWER WINDOW
MAIN SWITCH
53
11
2B
(F)B
4
6
C-68
2B
B
2B
7

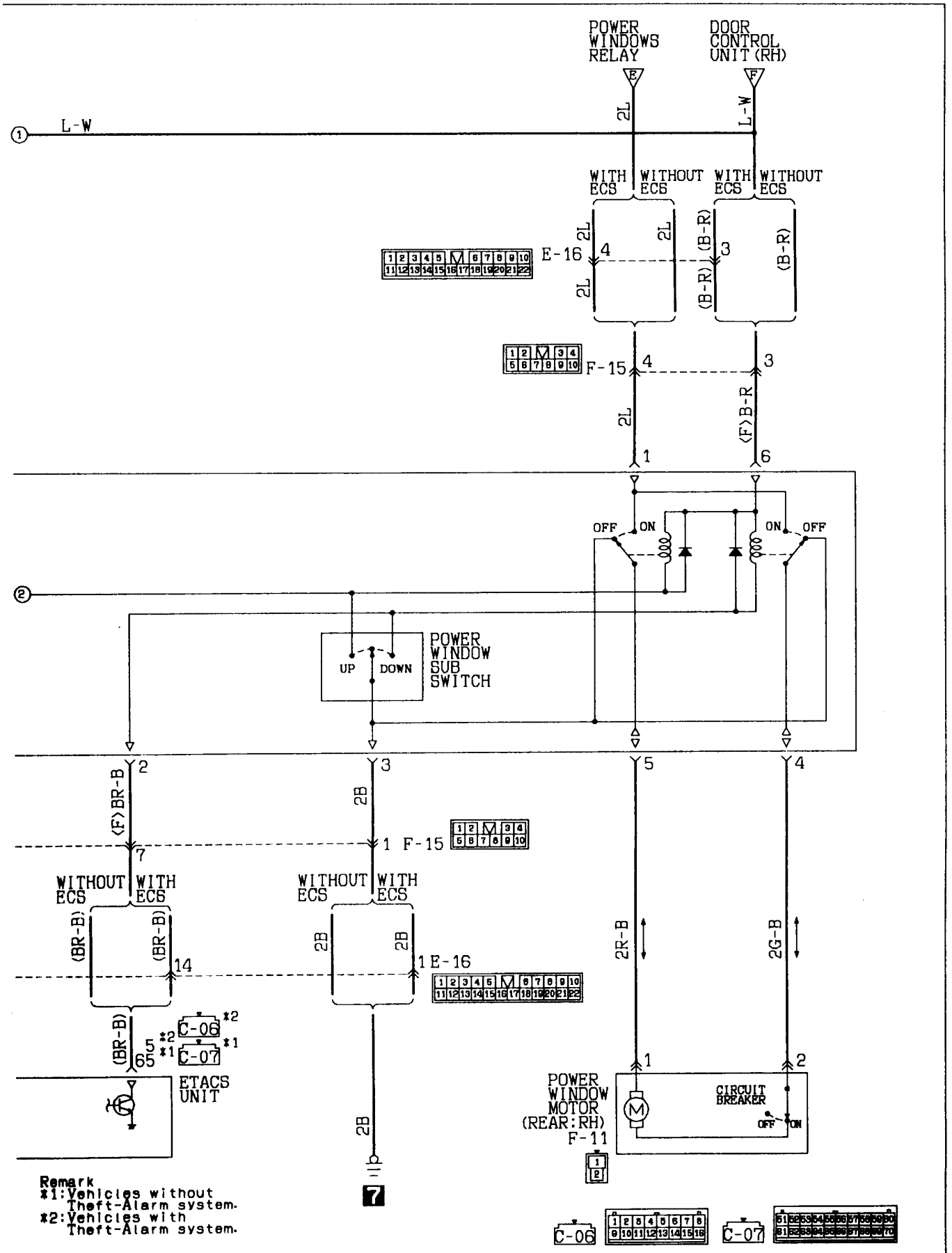


Wire colour code

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	

XX35-AC-J113B-EC

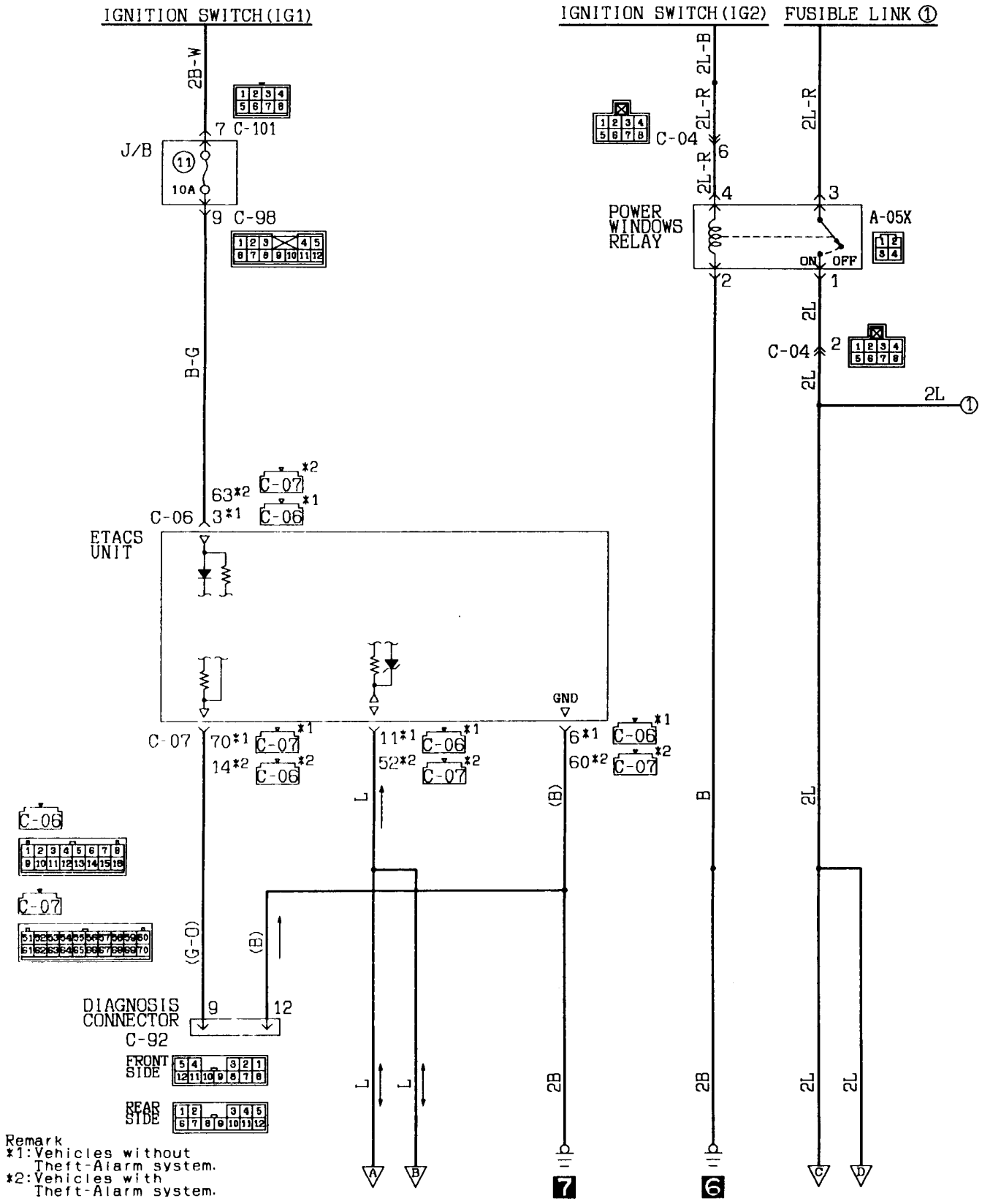
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POWER WINDOW

R.H. drive vehicles



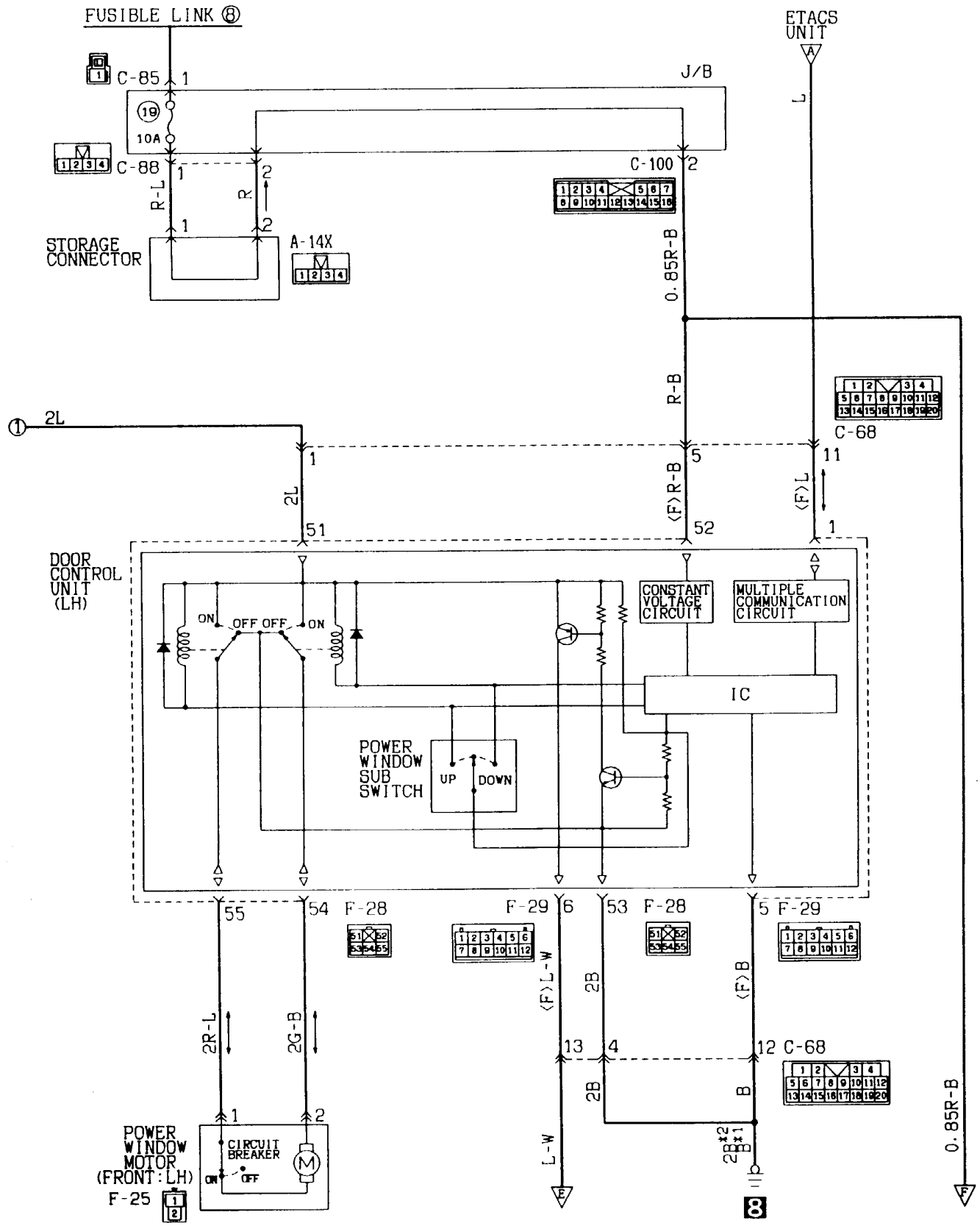
Remark
*1:Vehicles without Theft-Alarm system.
*2:Vehicles with Theft-Alarm system.

Wire colour code

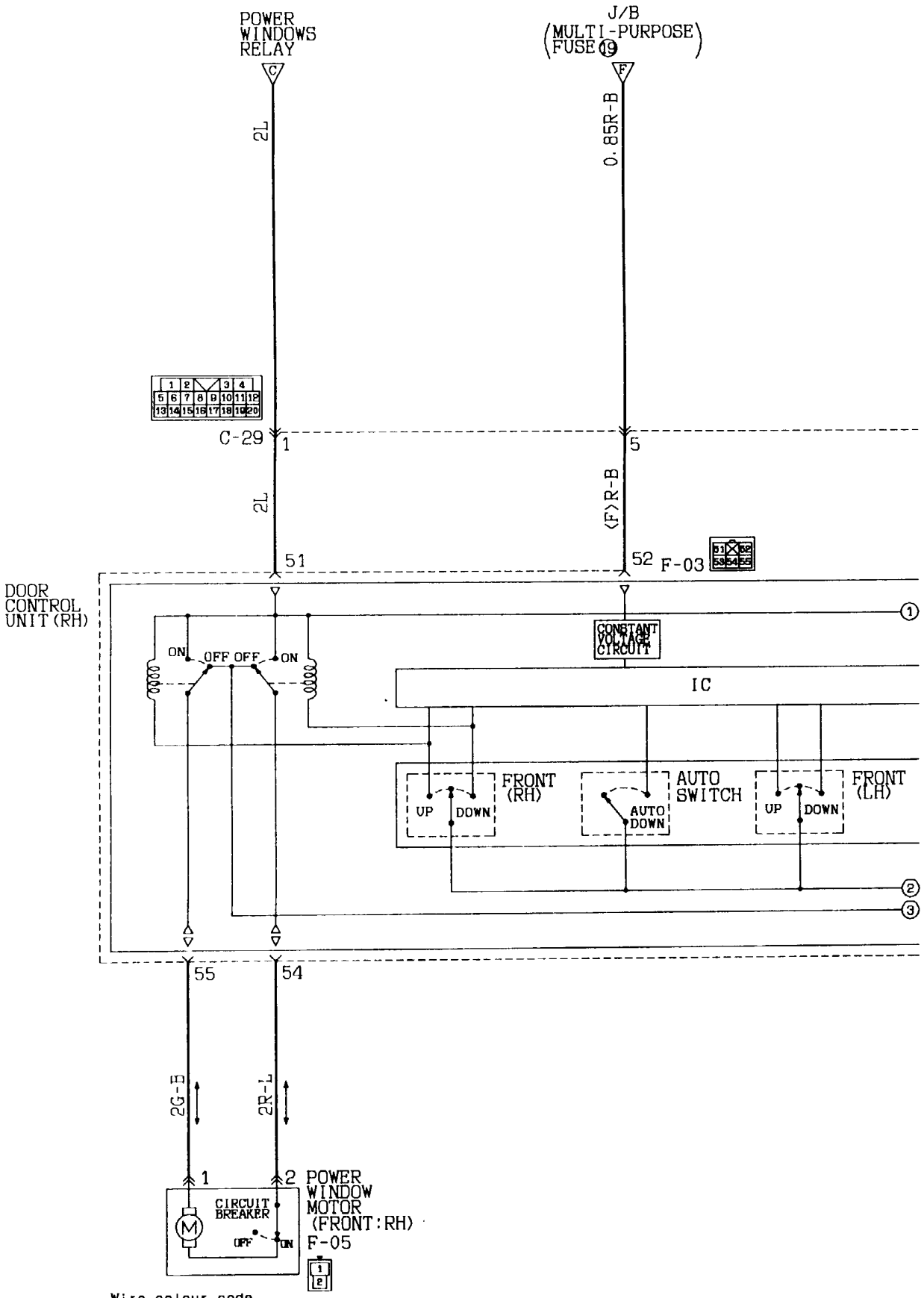
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

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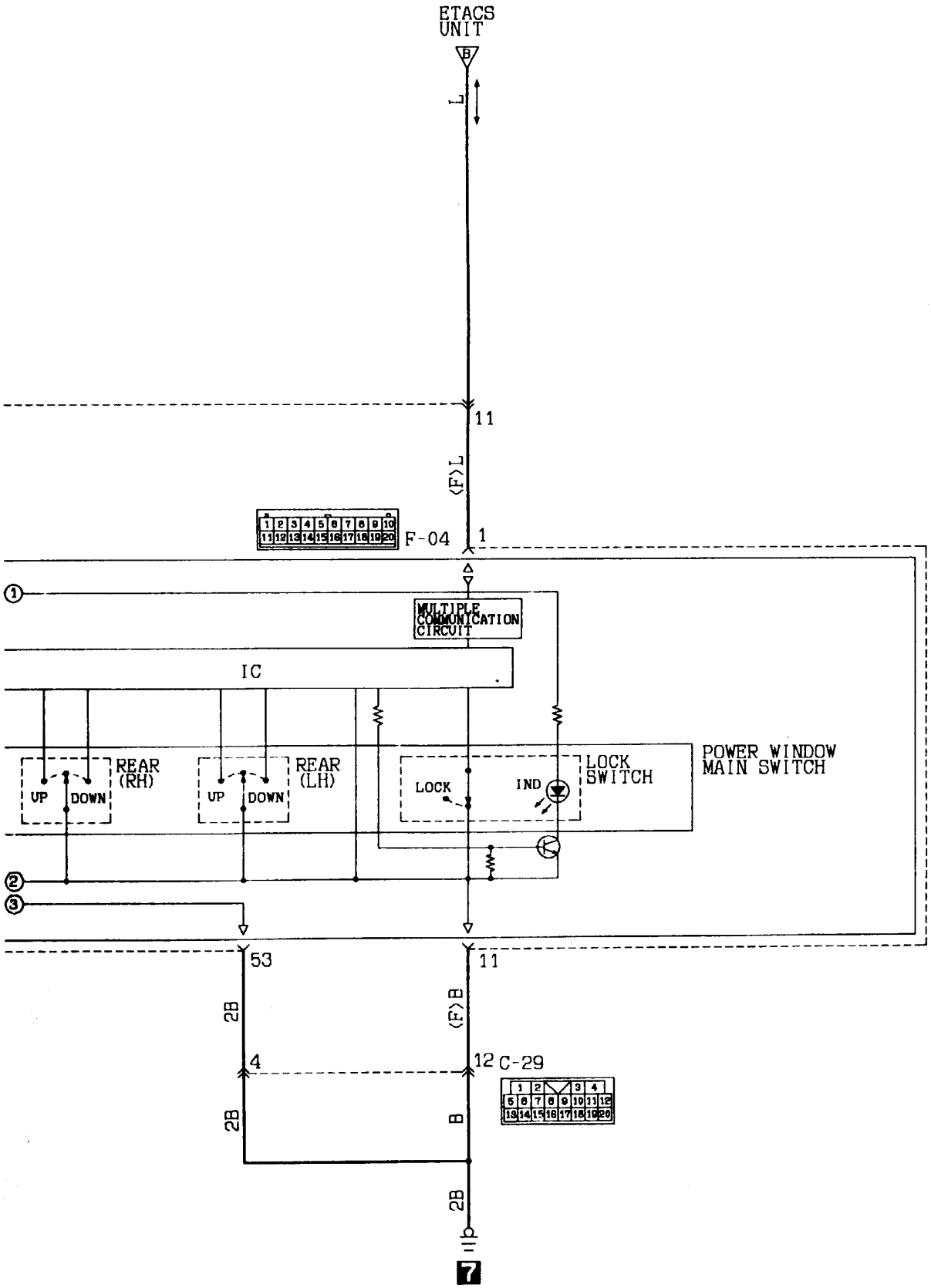


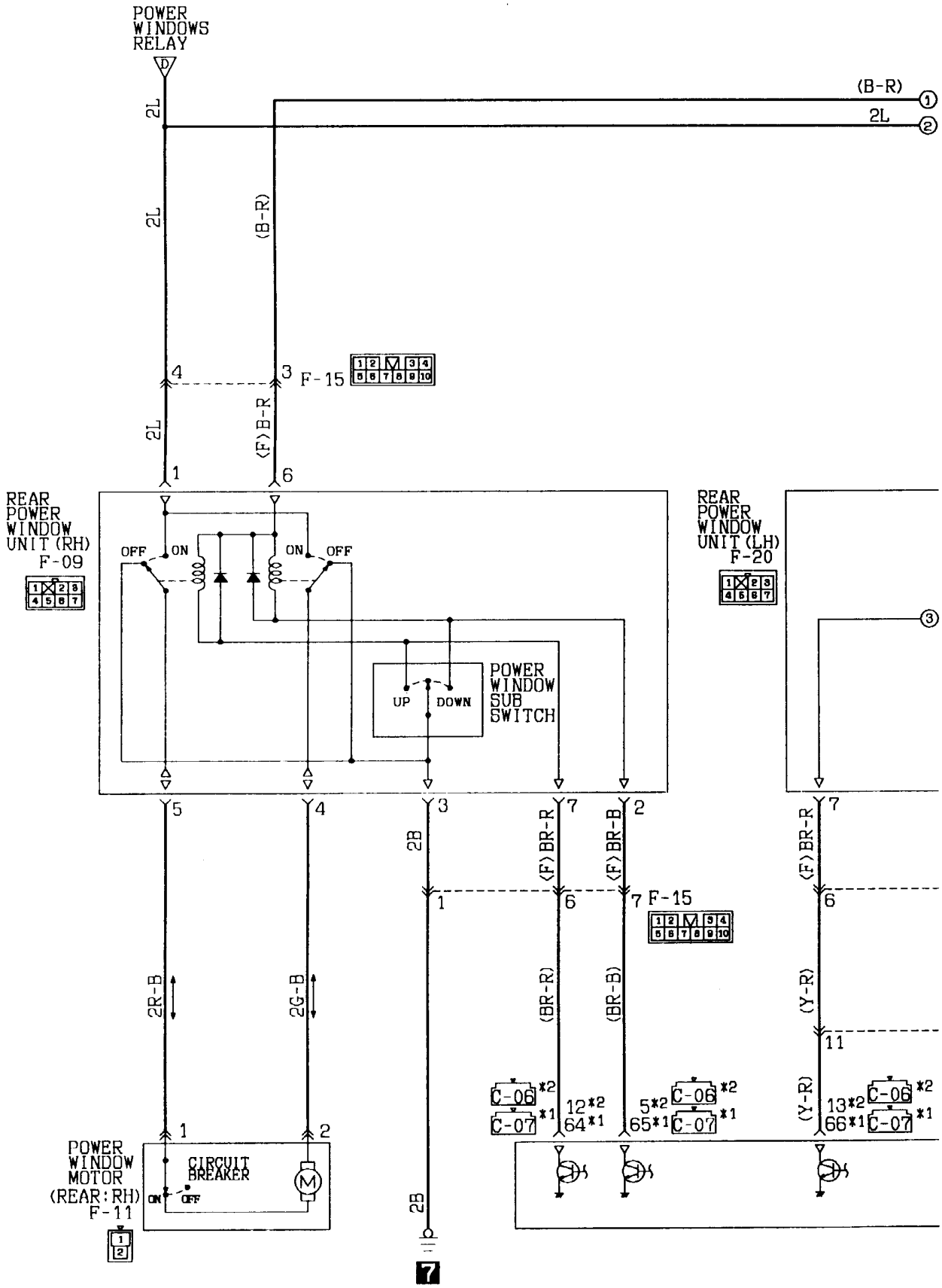
Remarks
*1:Vehicles built up to January 1993.
*2:Vehicles built from February 1993.



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ETACS
UNIT
B
L
11
(F)L
F-04
1
MULTIPLE
COMMUNICATION
CIRCUIT
IC
REAR
(RH)
UP
DOWN
REAR
(LH)
UP
DOWN
LOCK
IND
LOCK
SWITCH
POWER WINDOW
MAIN SWITCH
53
2B
4
2B
11
(F)B
12
C-29
B
2B
7

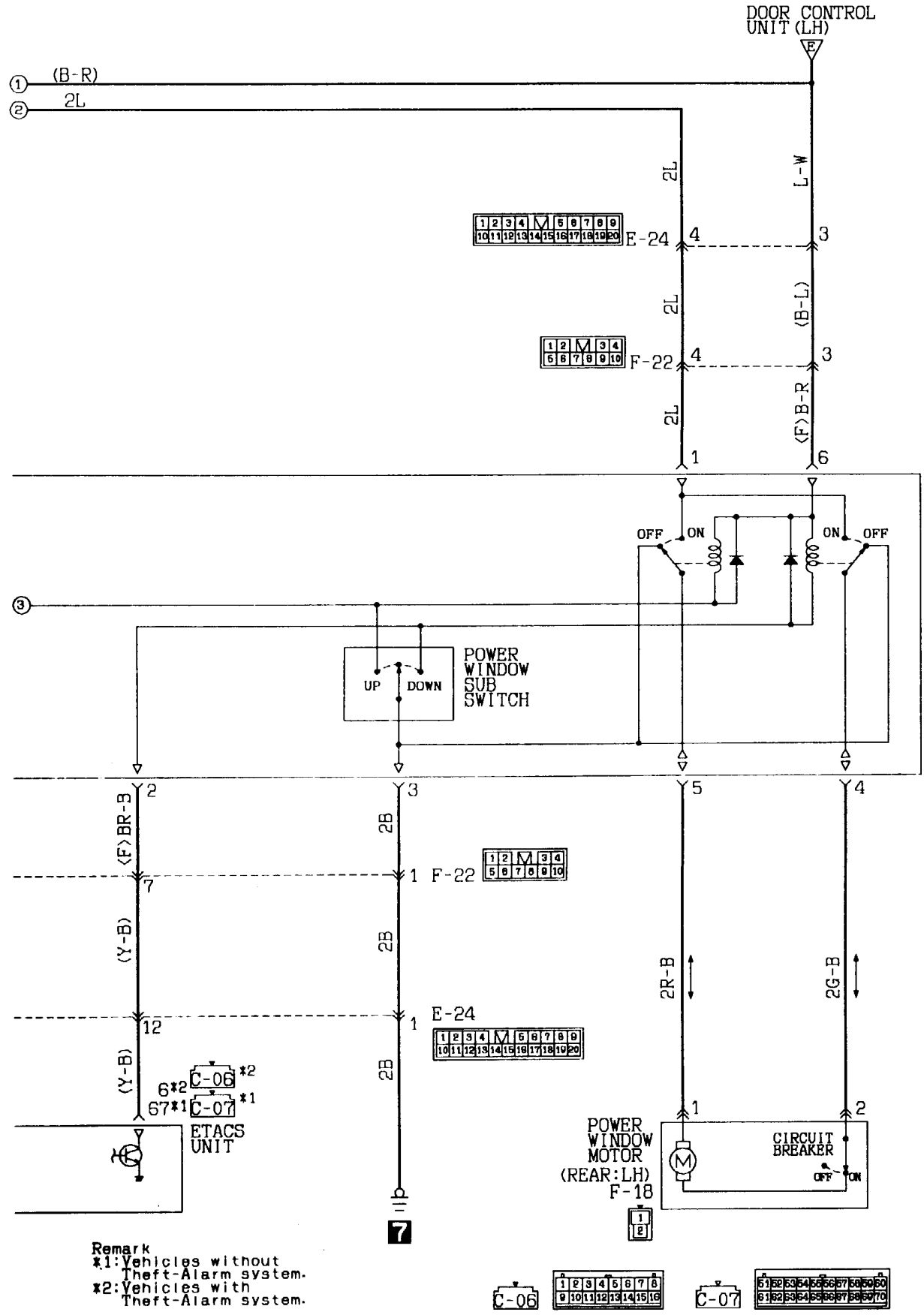


Wire colour code

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

KX35-AC-J1114B-EC

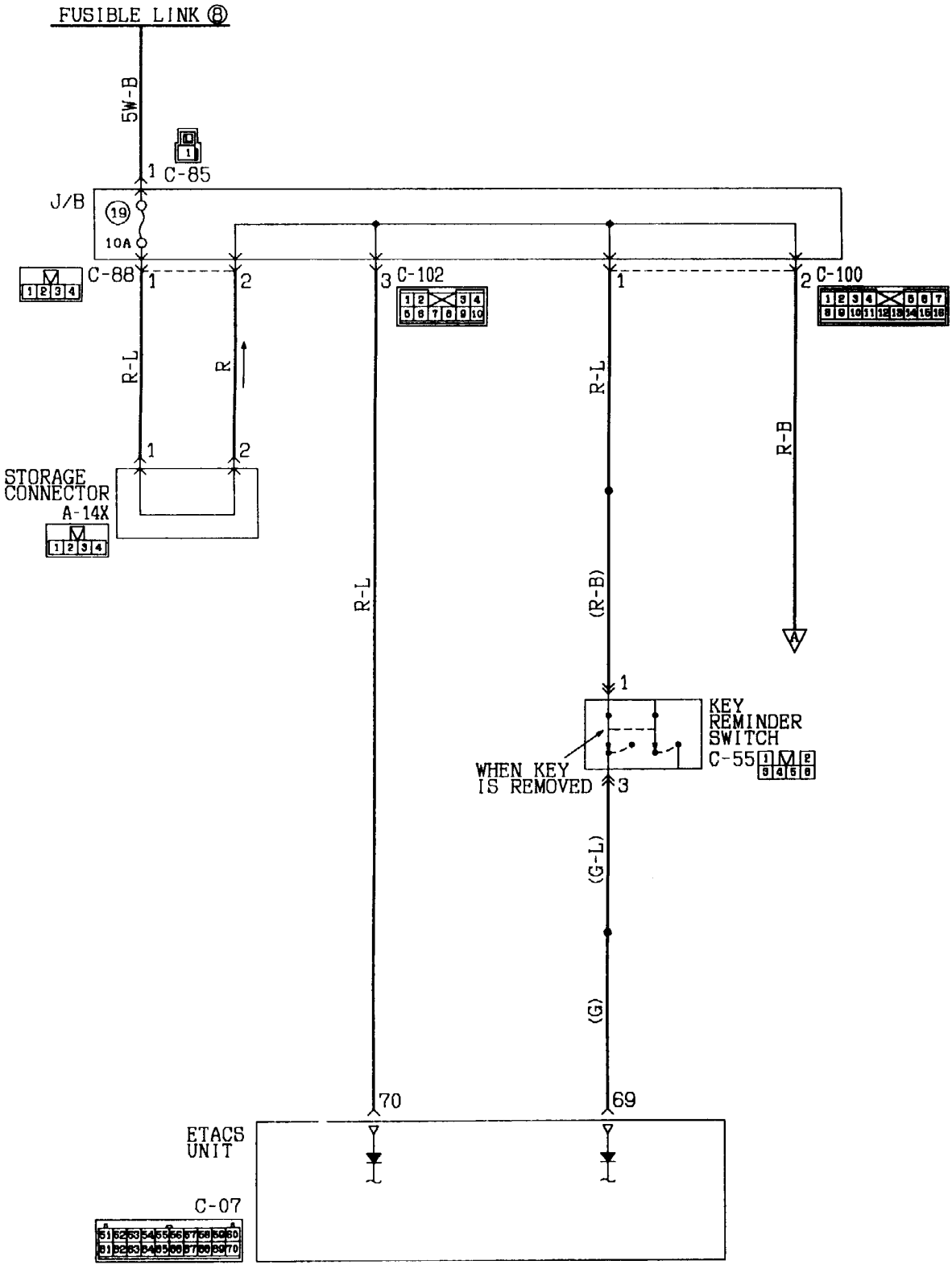
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CENTRAL DOOR LOCKING SYSTEM

L.H. drive vehicles with Theft-Alarm system

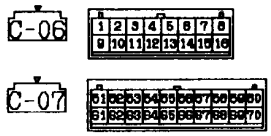


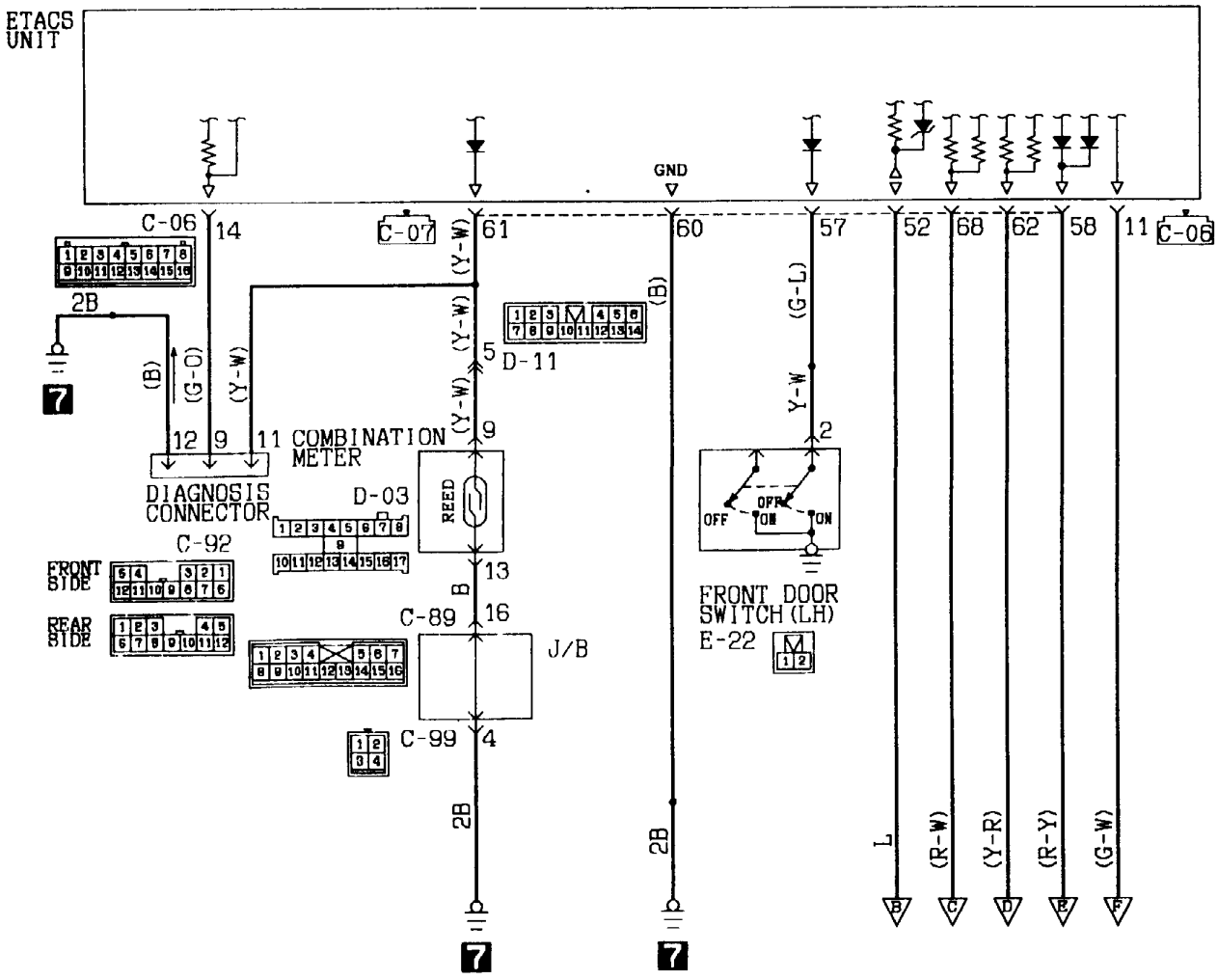
Wire colour code

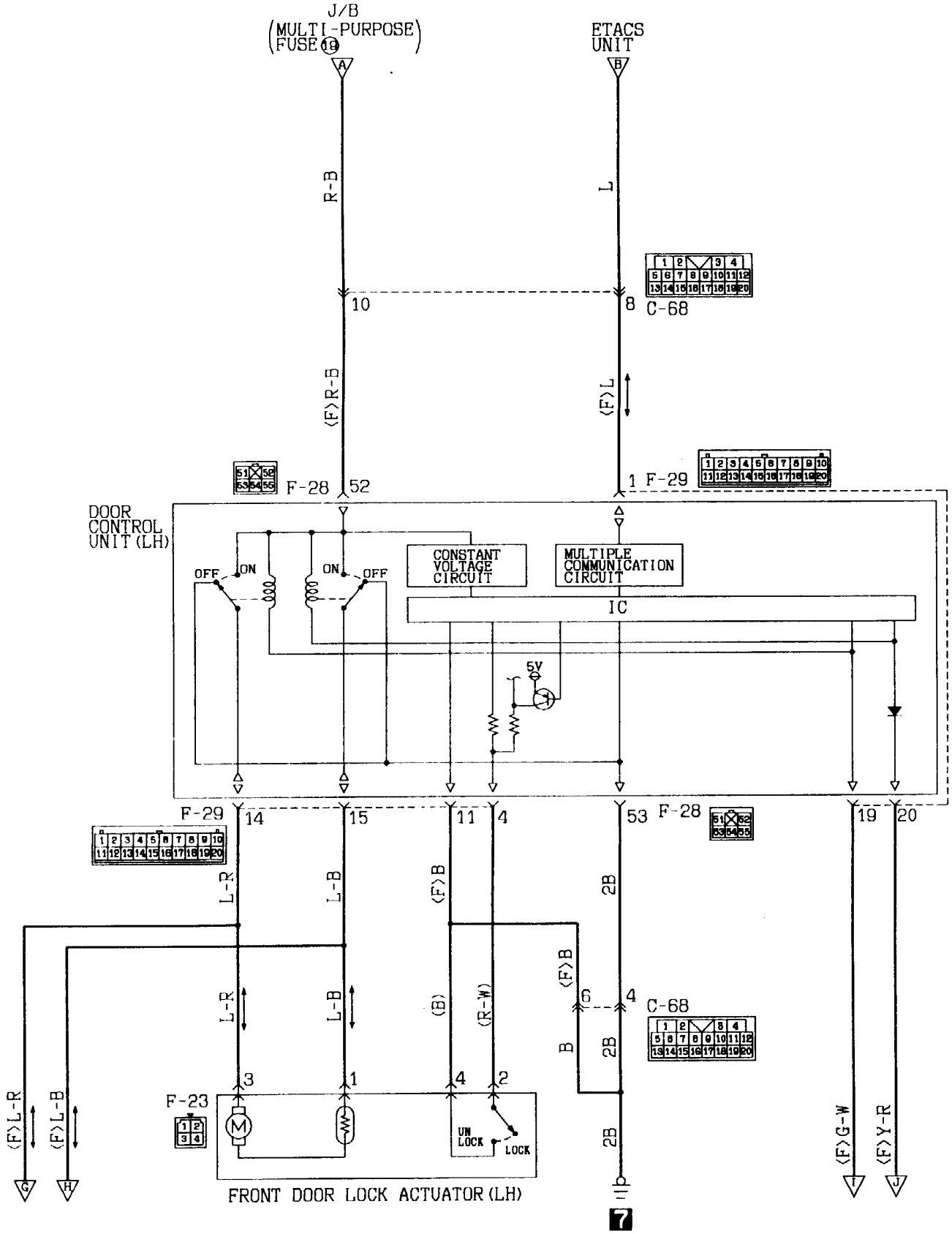
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue	
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		

KX35-AC-J1115-EC

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C-06
C-07


ETACS UNIT
GND
C-06
14
C-07
61
60
57
52
68
62
58
11
C-06
2B
(B)
(G-O)
(Y-W)
(Y-W)
(Y-W)
(B)
(G-L)
Y-W
5
D-11
12
9
11 COMBINATION METER
9
2
DIAGNOSIS CONNECTOR
D-03
REED
C-92
FRONT SIDE
REAR SIDE
13
B
C-89
16
J/B
C-99
4
2B
2B
OFF
ON
FRONT DOOR SWITCH (LH)
E-22
L
(R-W)
(Y-R)
(R-Y)
(G-W)
B
C
D
E
F

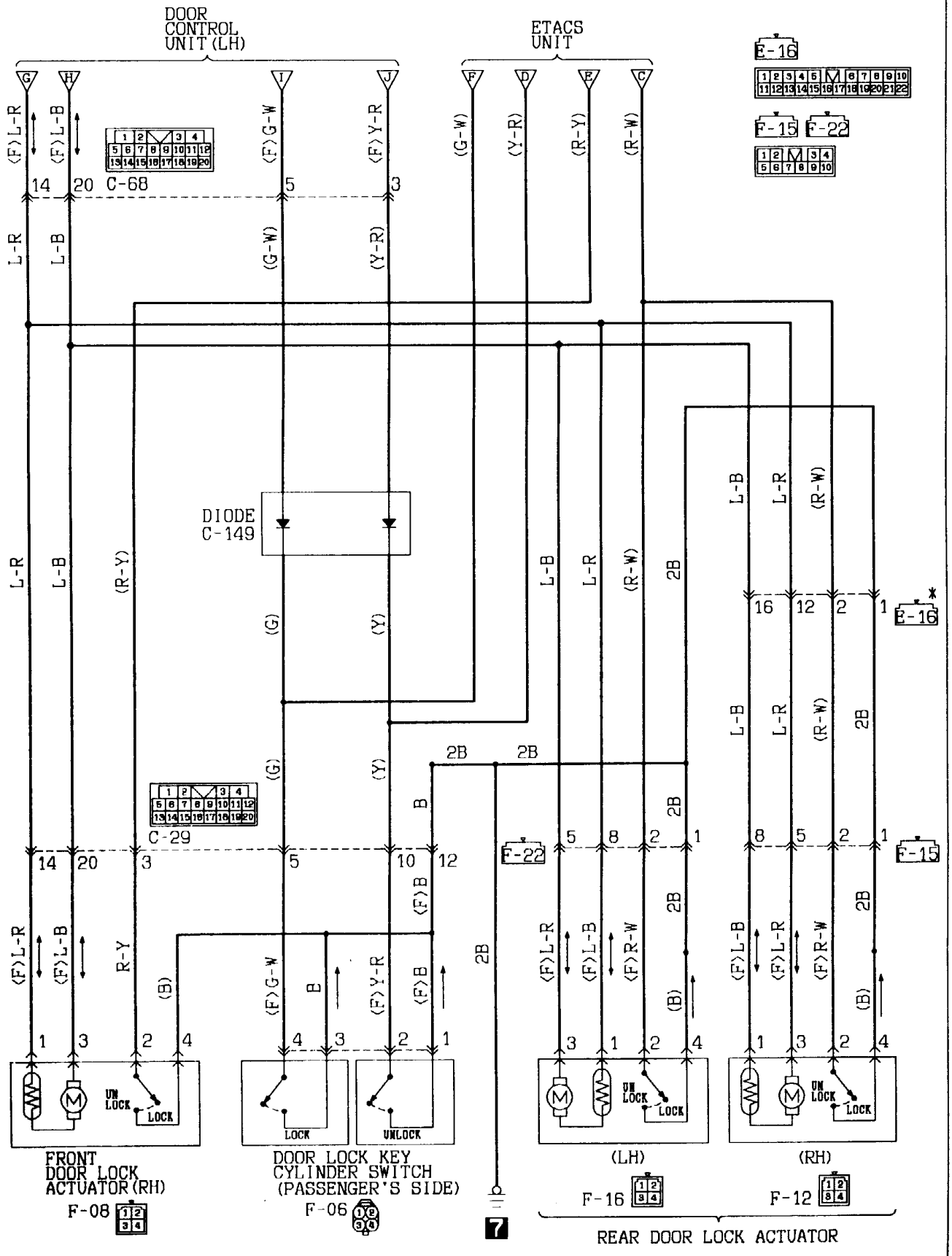


Wire colour code

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

KX3S-AC-J1115A-EC

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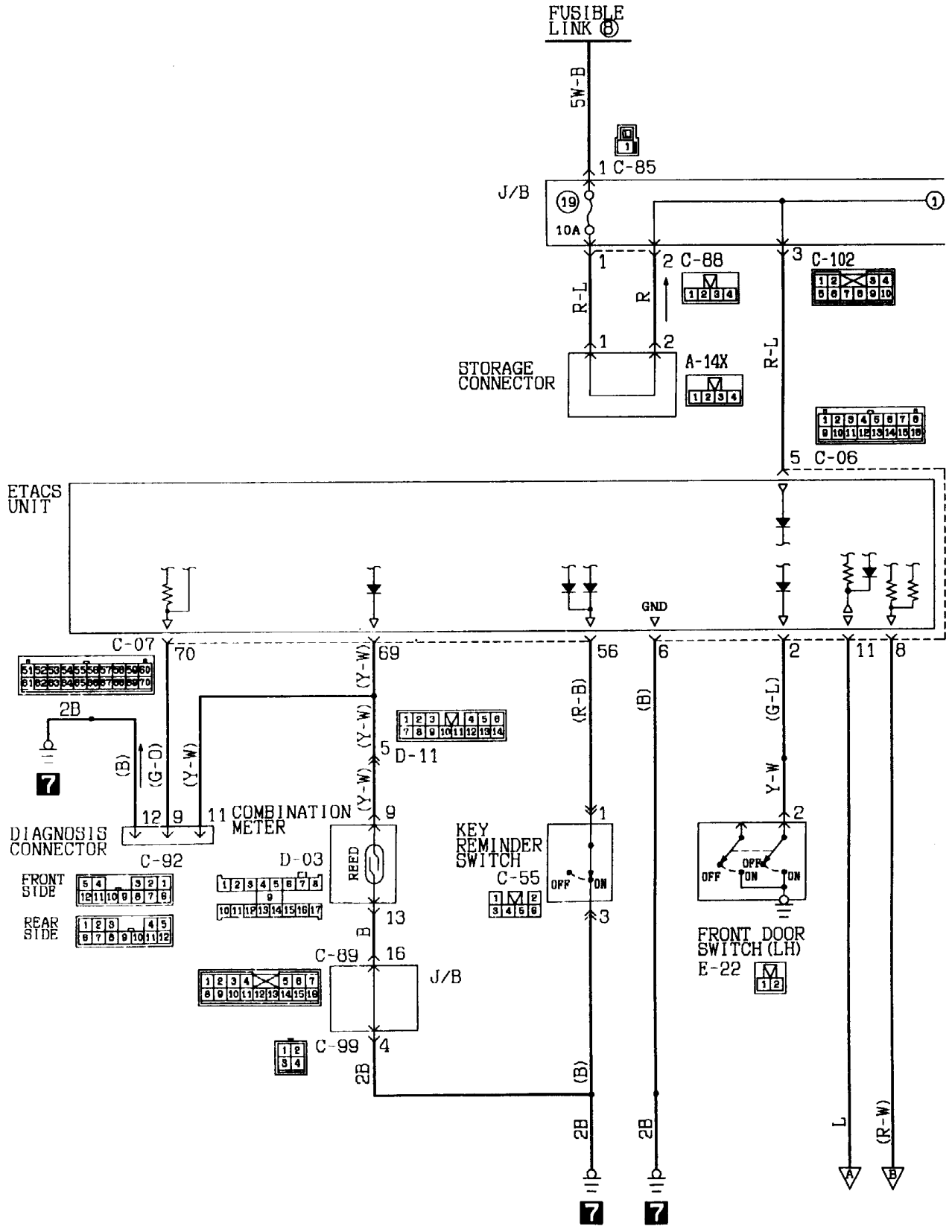


Remark
*: Vehicles with ECS only.

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CENTRAL DOOR LOCKING SYSTEM

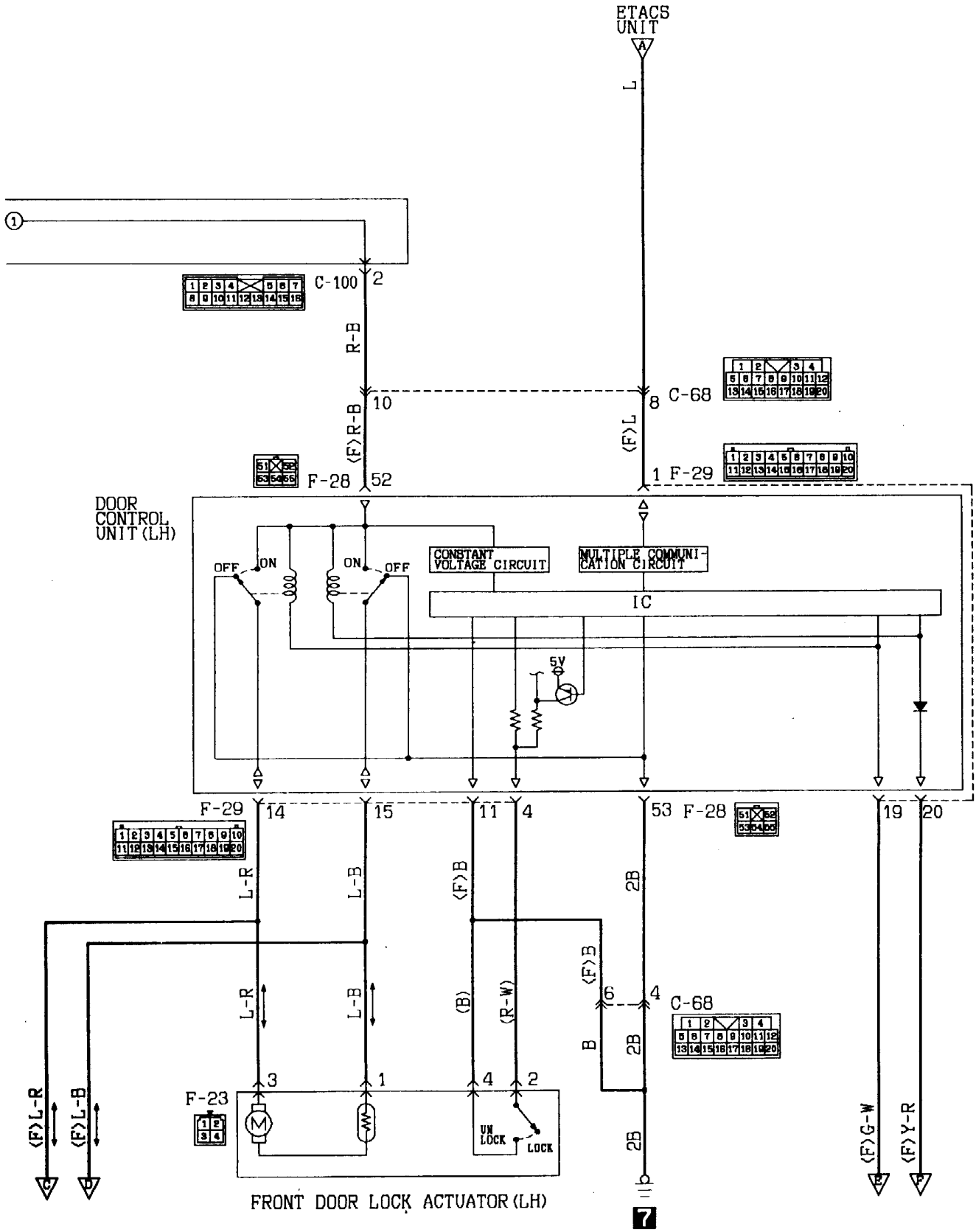
L.H. drive vehicles without Theft-Alarm system



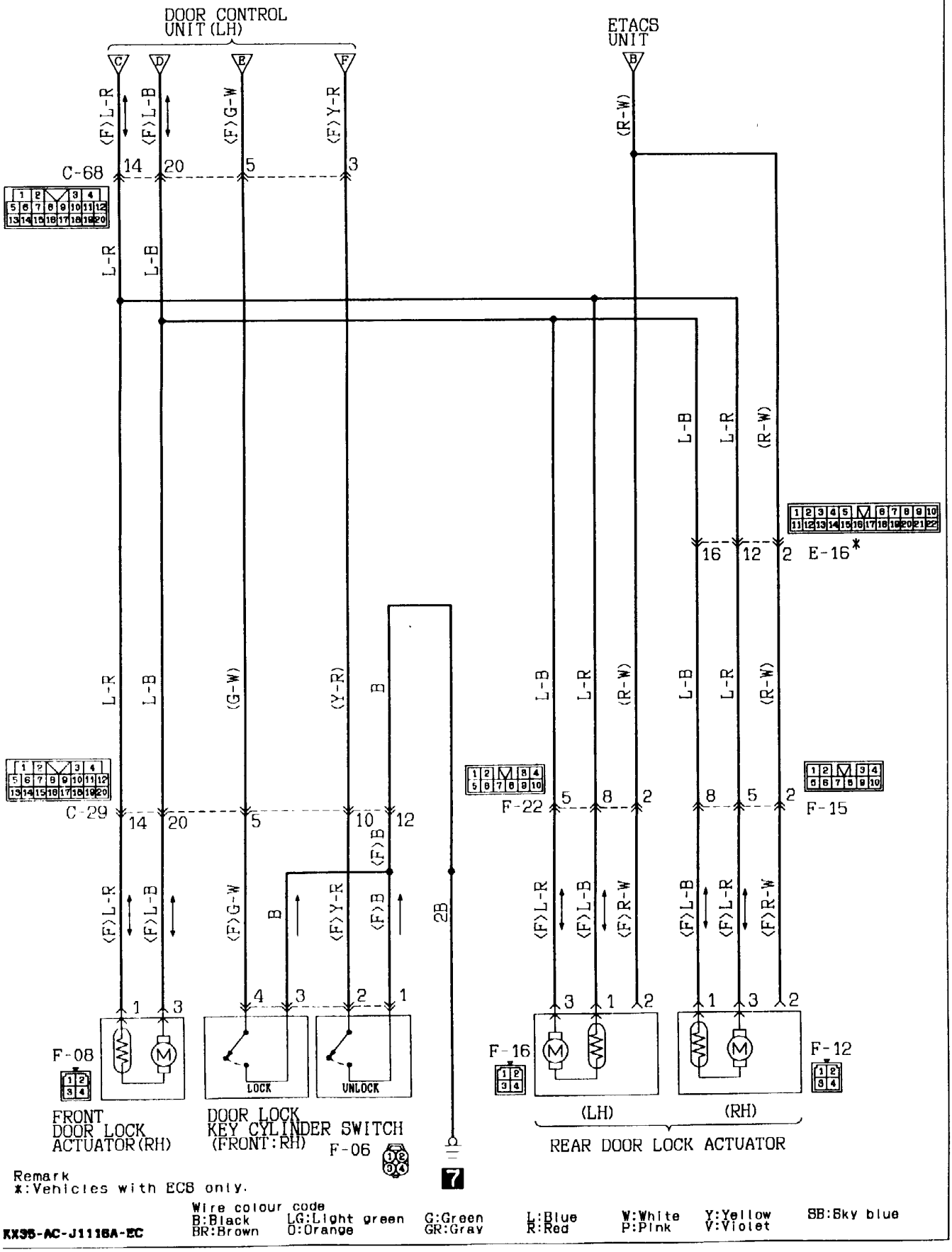
Wire colour code
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BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

RX35-AC-J1118-EC

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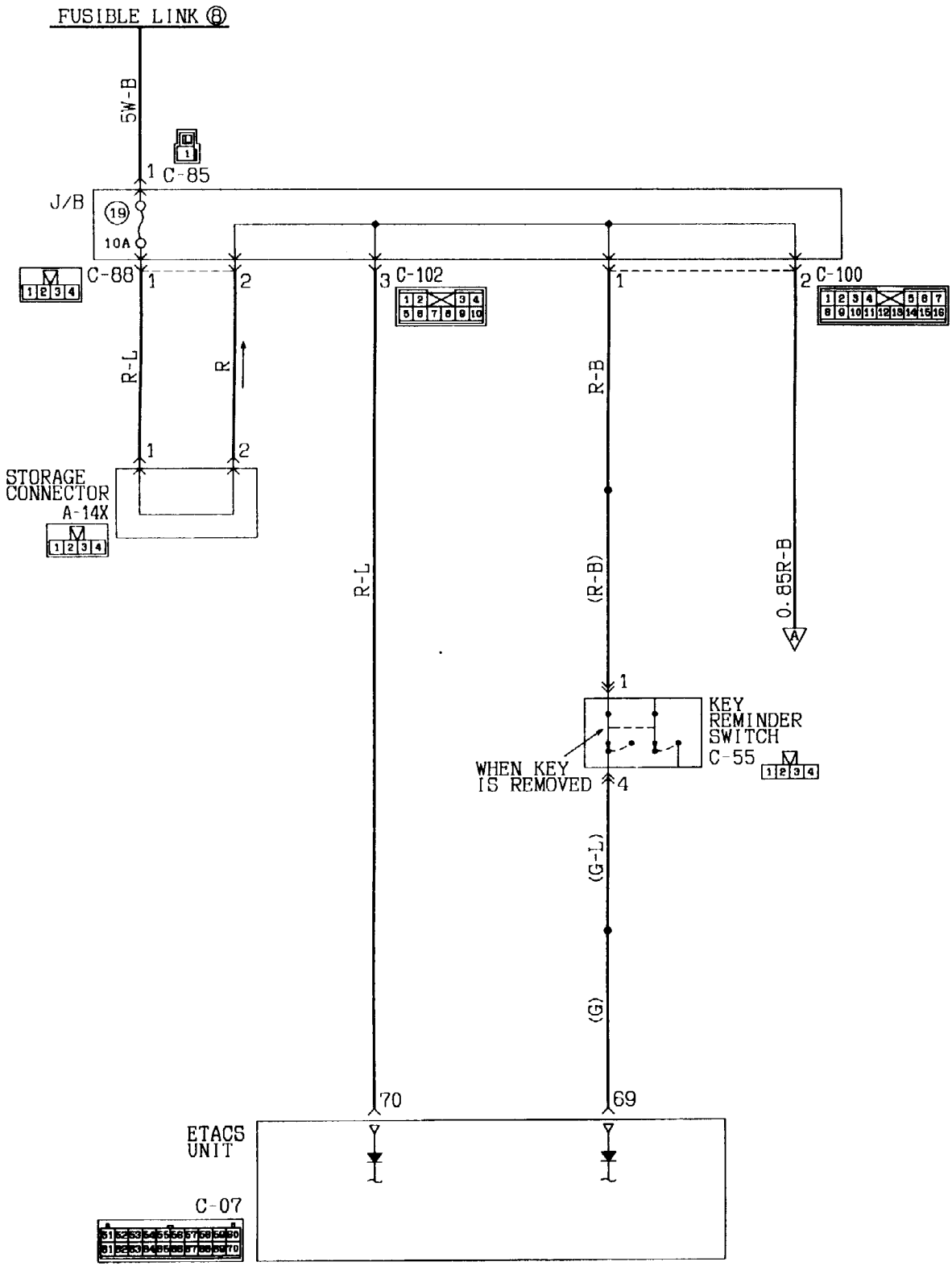
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CENTRAL DOOR LOCKING SYSTEM

R.H. drive vehicles with Theft-Alarm system

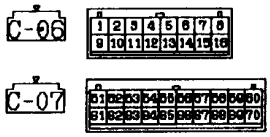


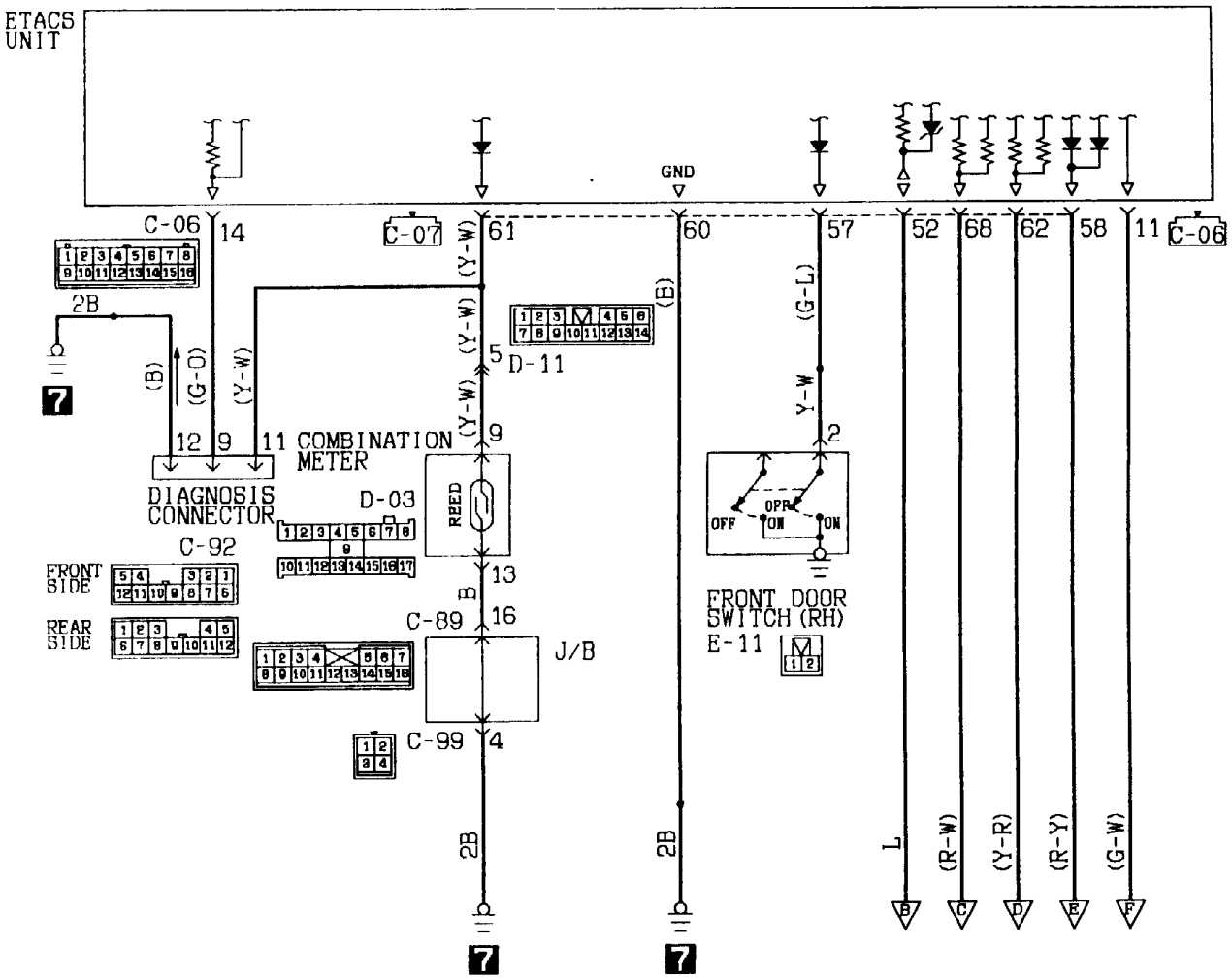
Wire colour code

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

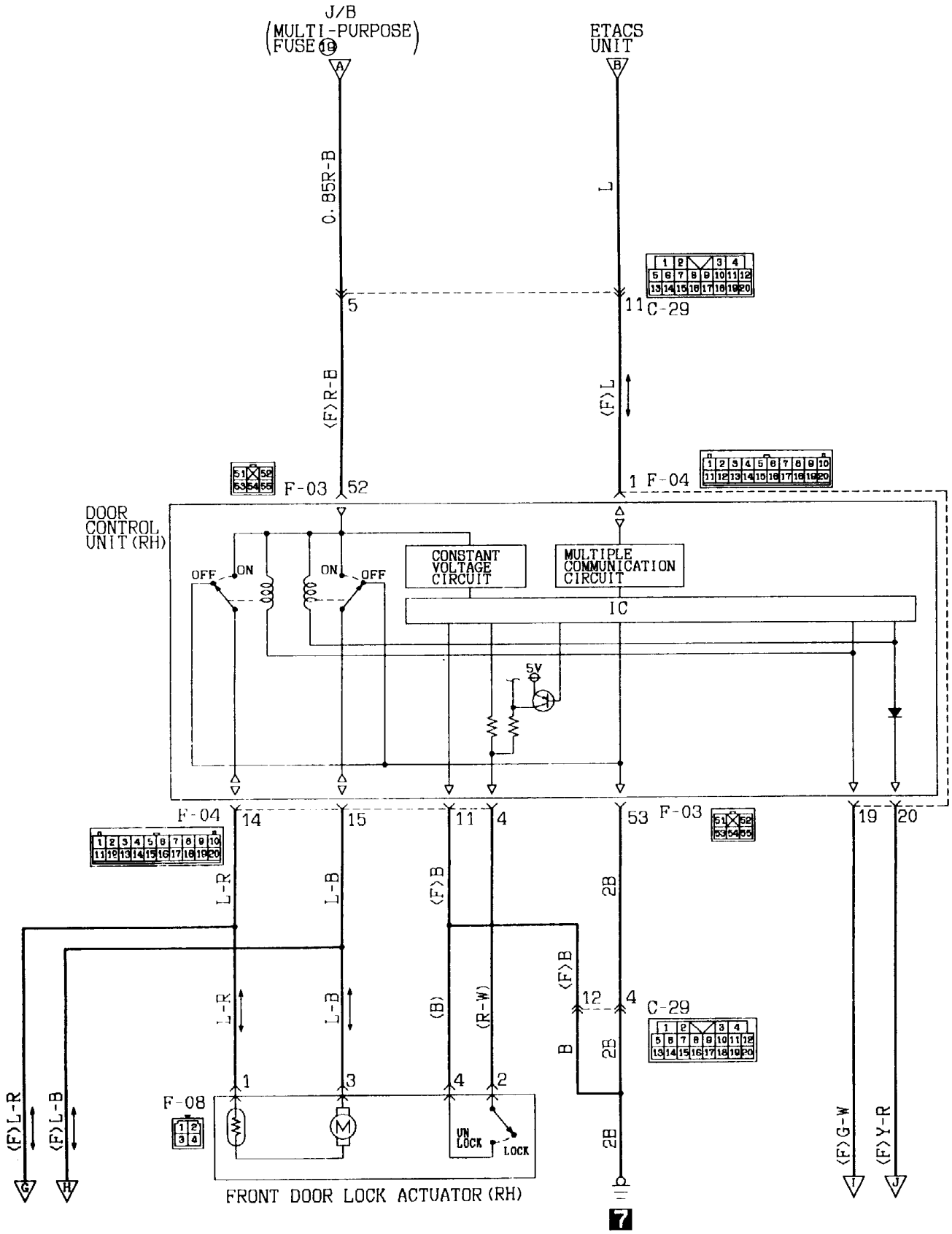
EW35-AC-J1117-EC

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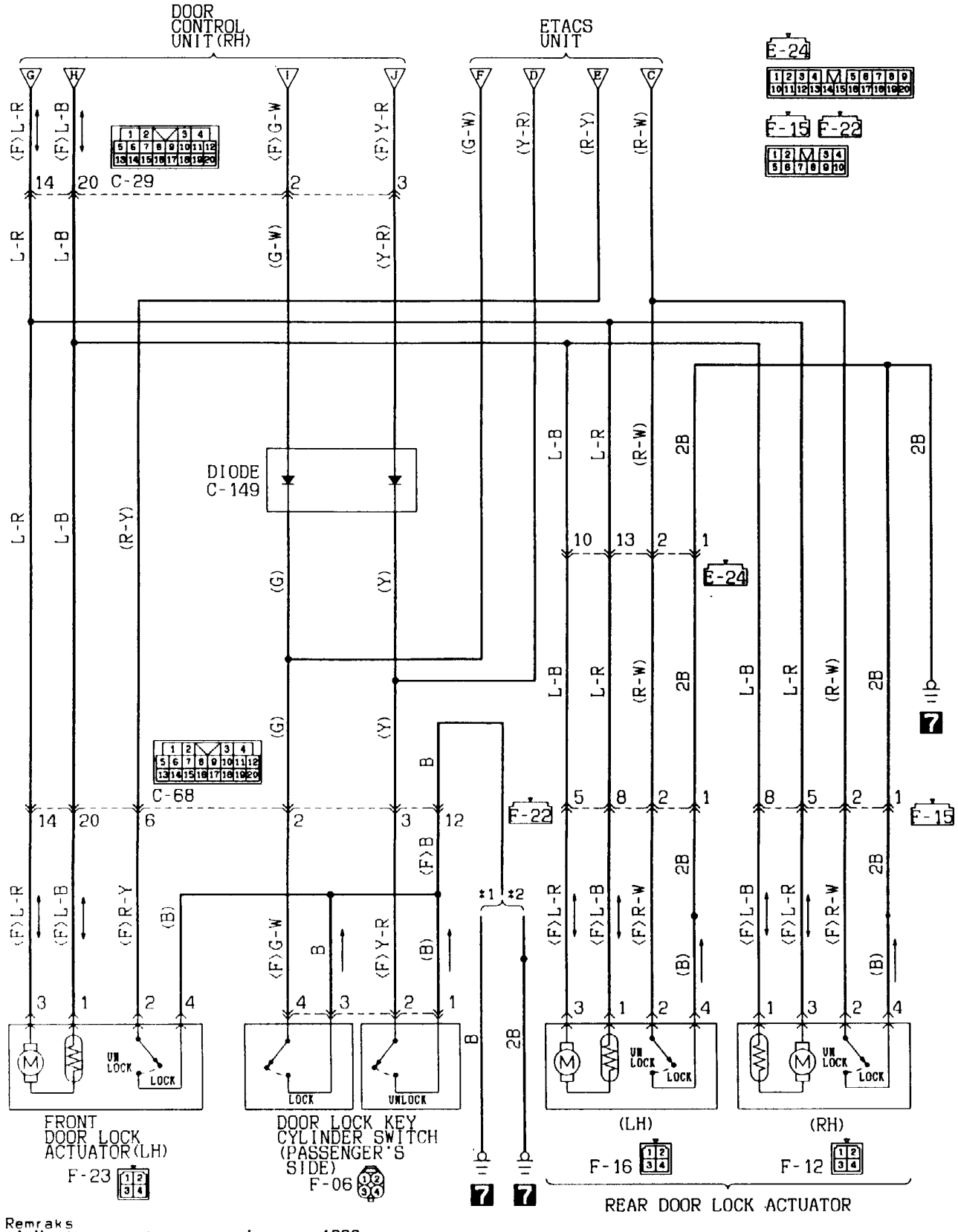


Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KM36-AC-J1117A-EC

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CENTRAL DOOR LOCKING SYSTEM
R.H. drive vehicles with Theft-Alarm system (CONTINUED)

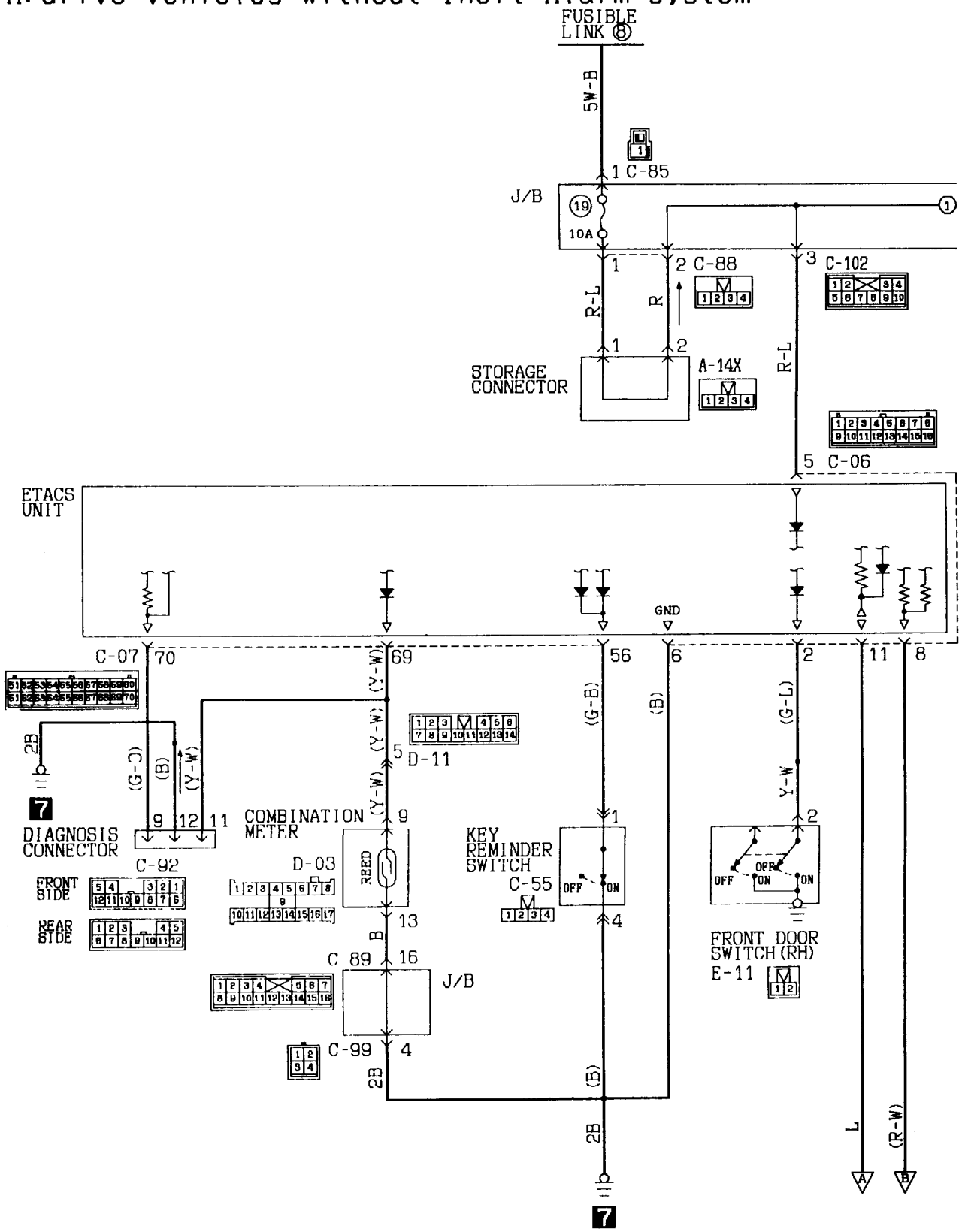


Remraks
*1: Vehicles built up to January 1993.
*2: Vehicles built from February 1993.

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CENTRAL DOOR LOCKING SYSTEM

R.H. drive vehicles without Theft-Alarm system



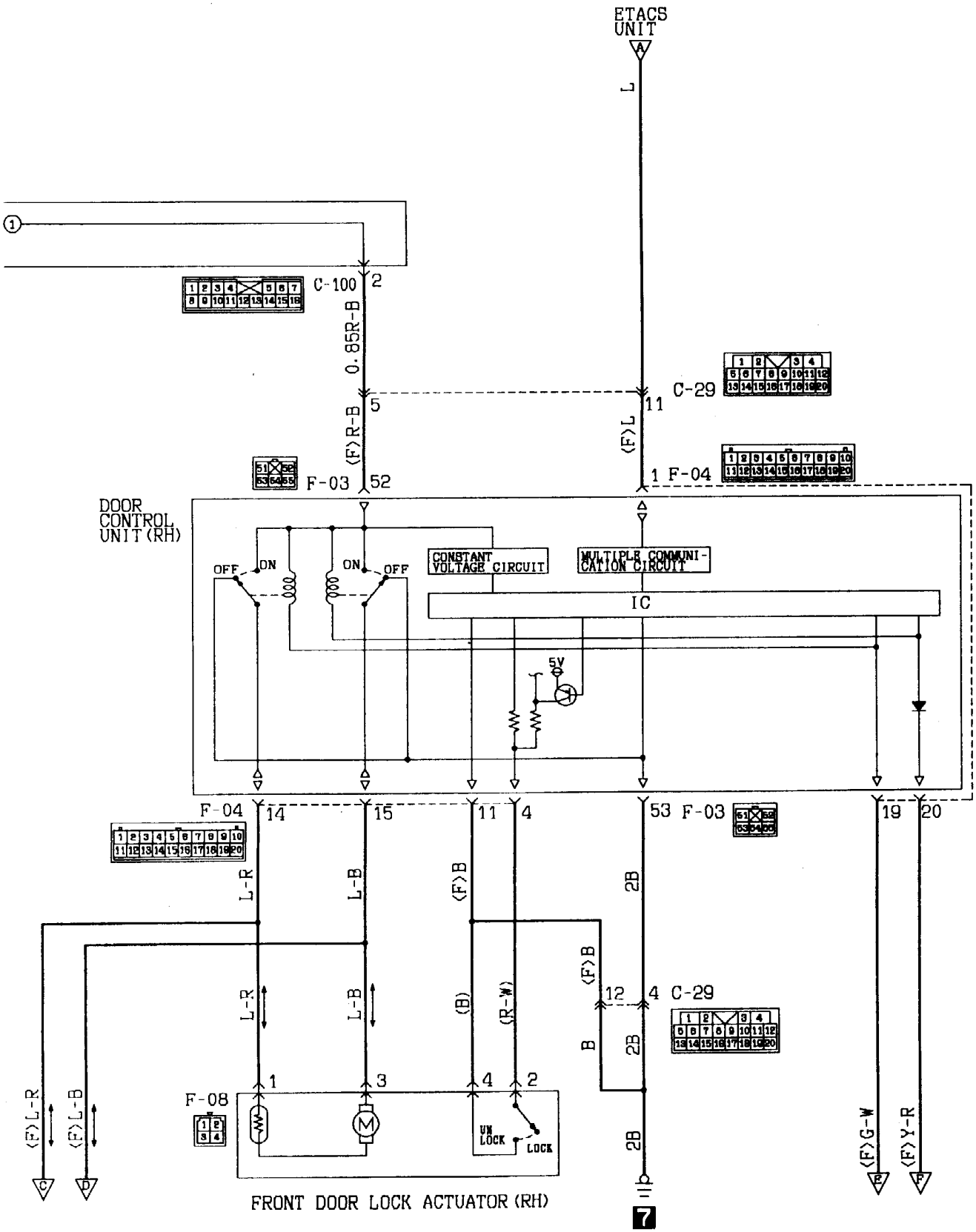
Wire colour code

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

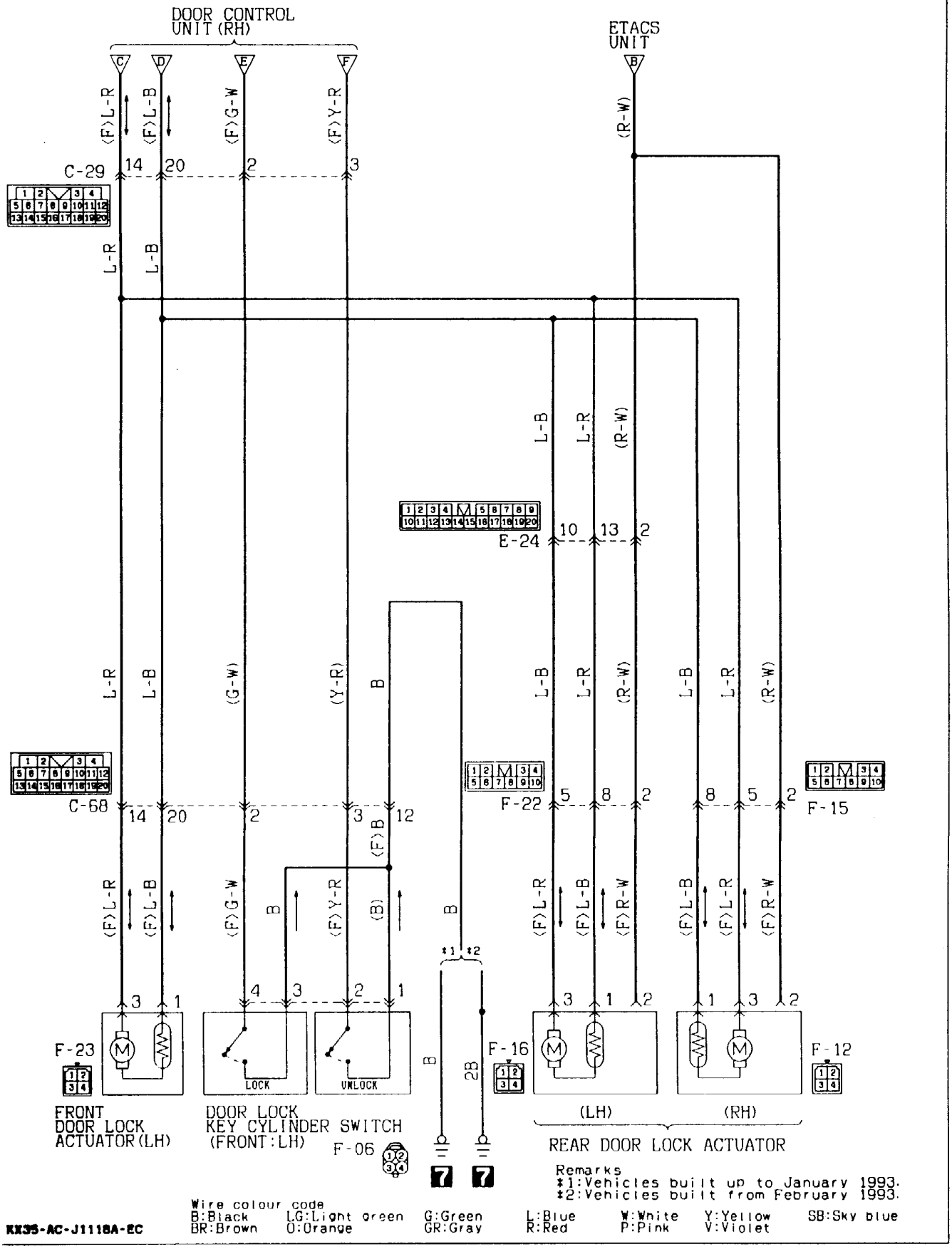
RX38-AC-J1118-EC

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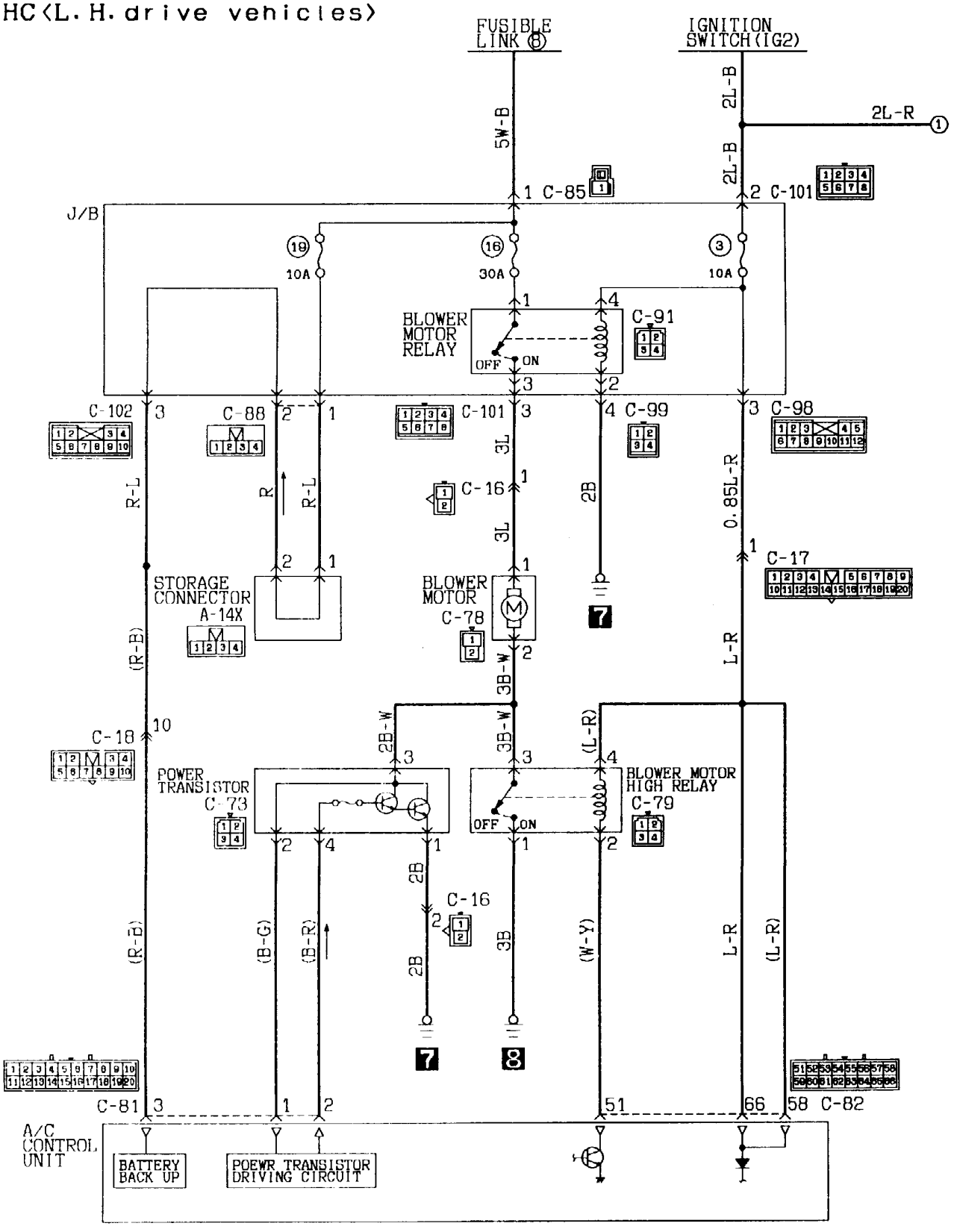
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KX35-AC-J1118A-EC

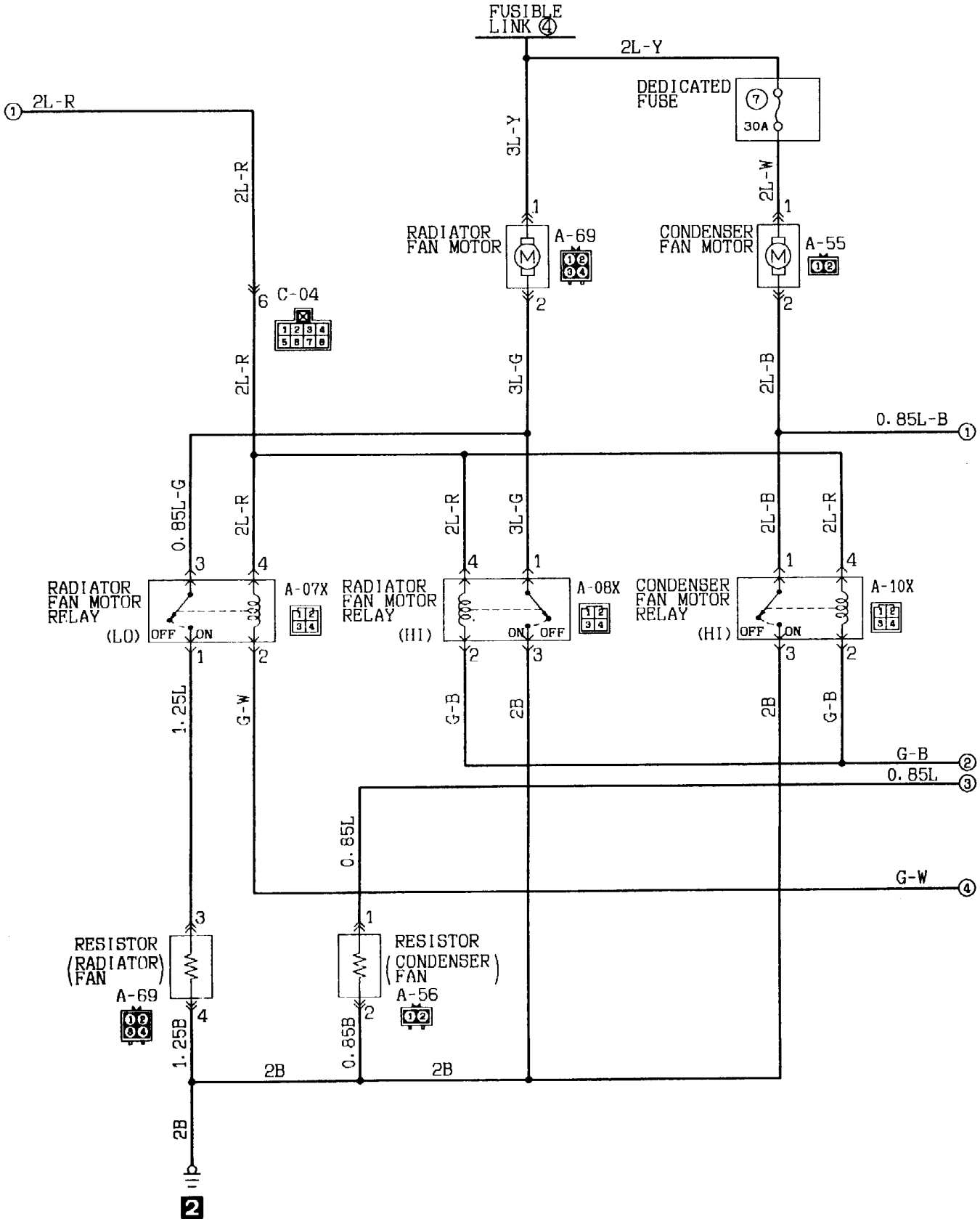
HEATER AND AIR CONDITIONER

SOHC<L.H.drive vehicles>

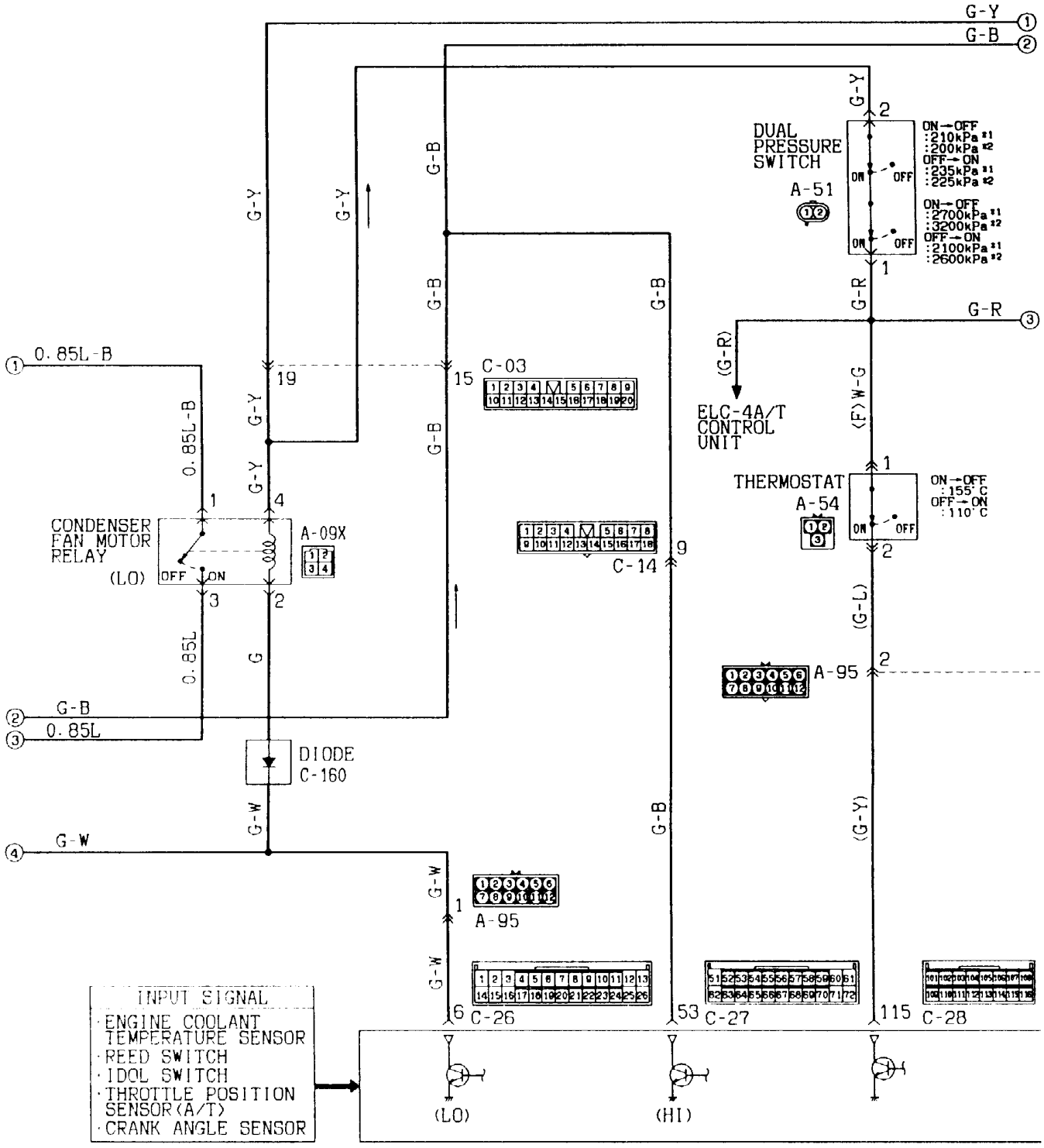


KX35-AC-J1209-EC

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FUSIBLE LINK ④
2L-Y
DEDICATED FUSE
⑦
30A
2L-W
3L-Y
① 2L-R
2L-R
RADIATOR FAN MOTOR
A-69
CONDENSER FAN MOTOR
A-55
6 C-04
2L-R
3L-G
2L-B
0.85L-B ①
0.85L-G
2L-R
2L-R
3L-G
2L-B
2L-R
RADIATOR FAN MOTOR RELAY (LO)
OFF ON
A-07X
RADIATOR FAN MOTOR RELAY (HI)
ON OFF
A-08X
CONDENSER FAN MOTOR RELAY (HI)
OFF ON
A-10X
1.25L
G-W
G-B
2B
2B
G-B
G-B ②
0.85L ③
0.85L
G-W ④
RESISTOR (RADIATOR FAN)
A-69
RESISTOR (CONDENSER FAN)
A-56
1.25B
0.85B
2B
2B
2B
2

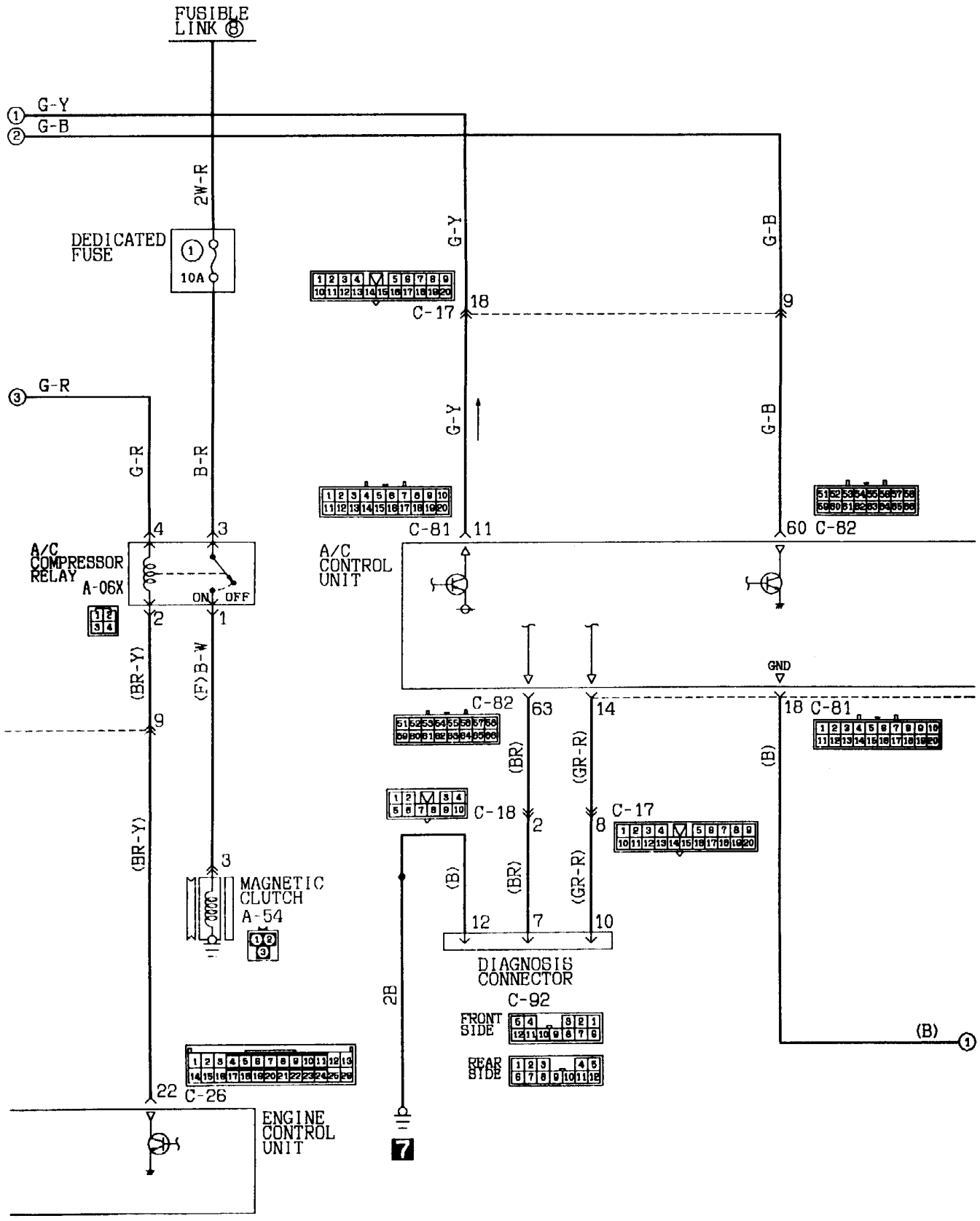
HEATER AND AIR CONDITIONER SOHC<L.H.drive vehicles> (CONTINUED)



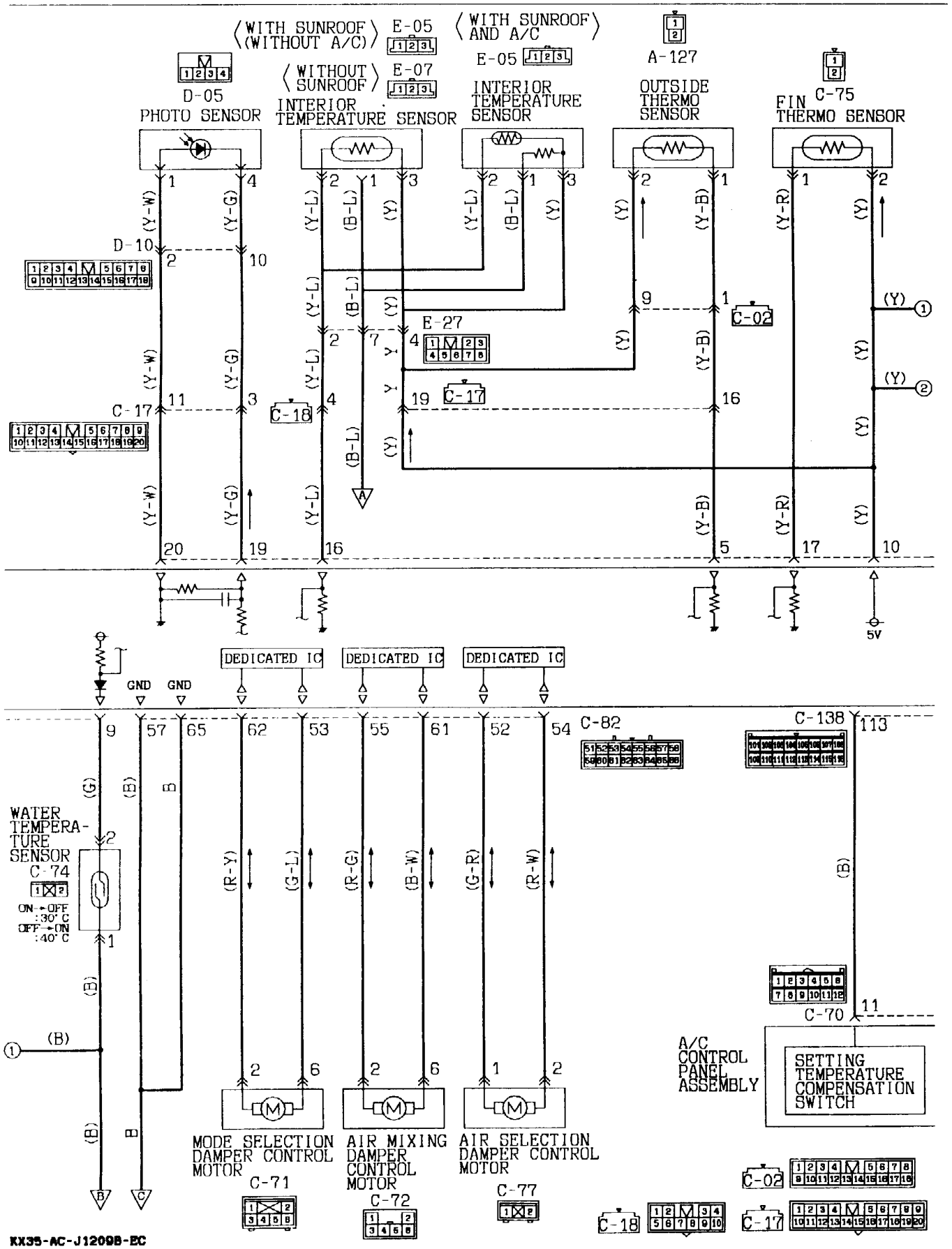
Remarks
*1:Vehicles using R-12.
*2:Vehicles using R-134a.

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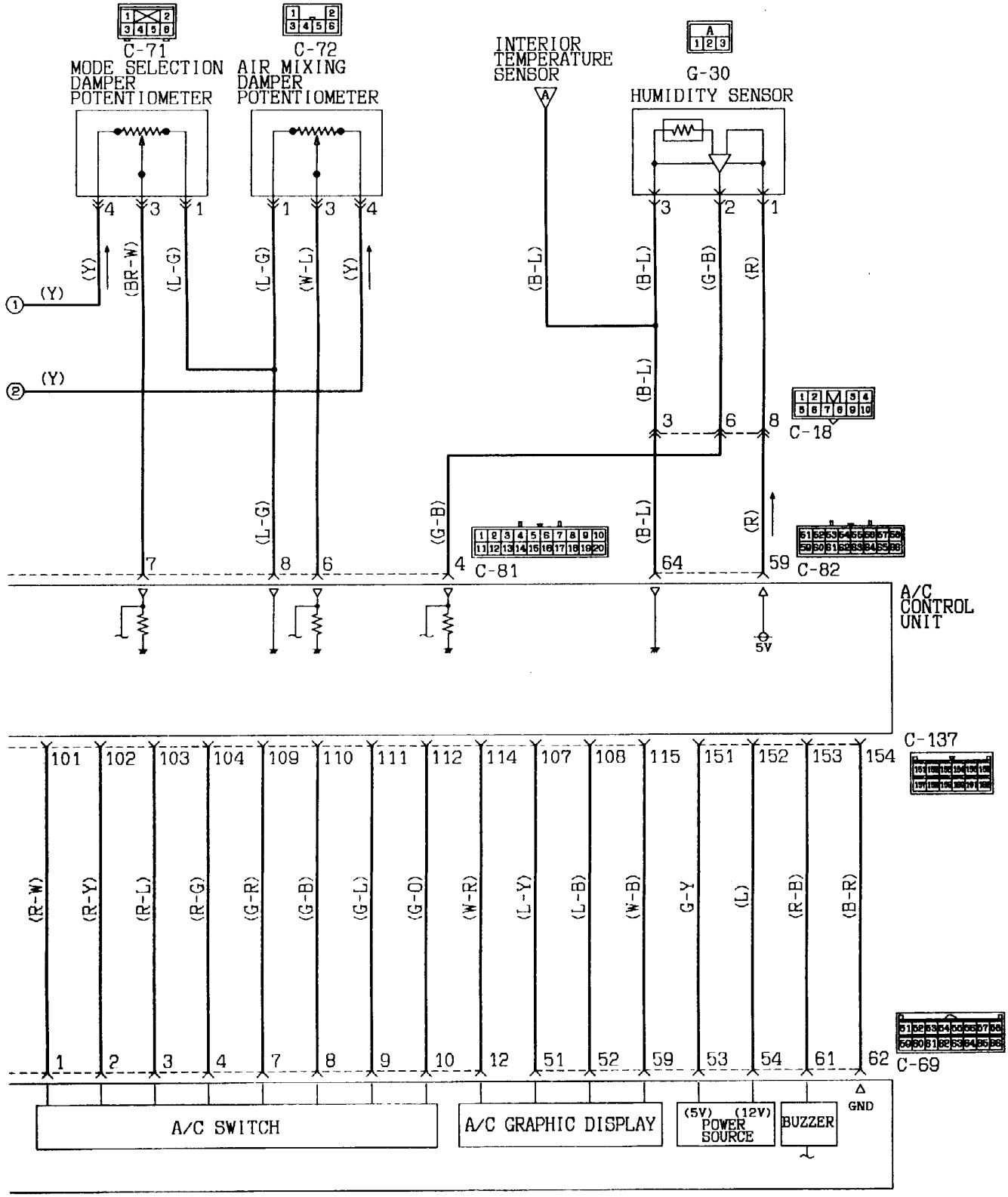


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KX35-AC-J1209B-EC

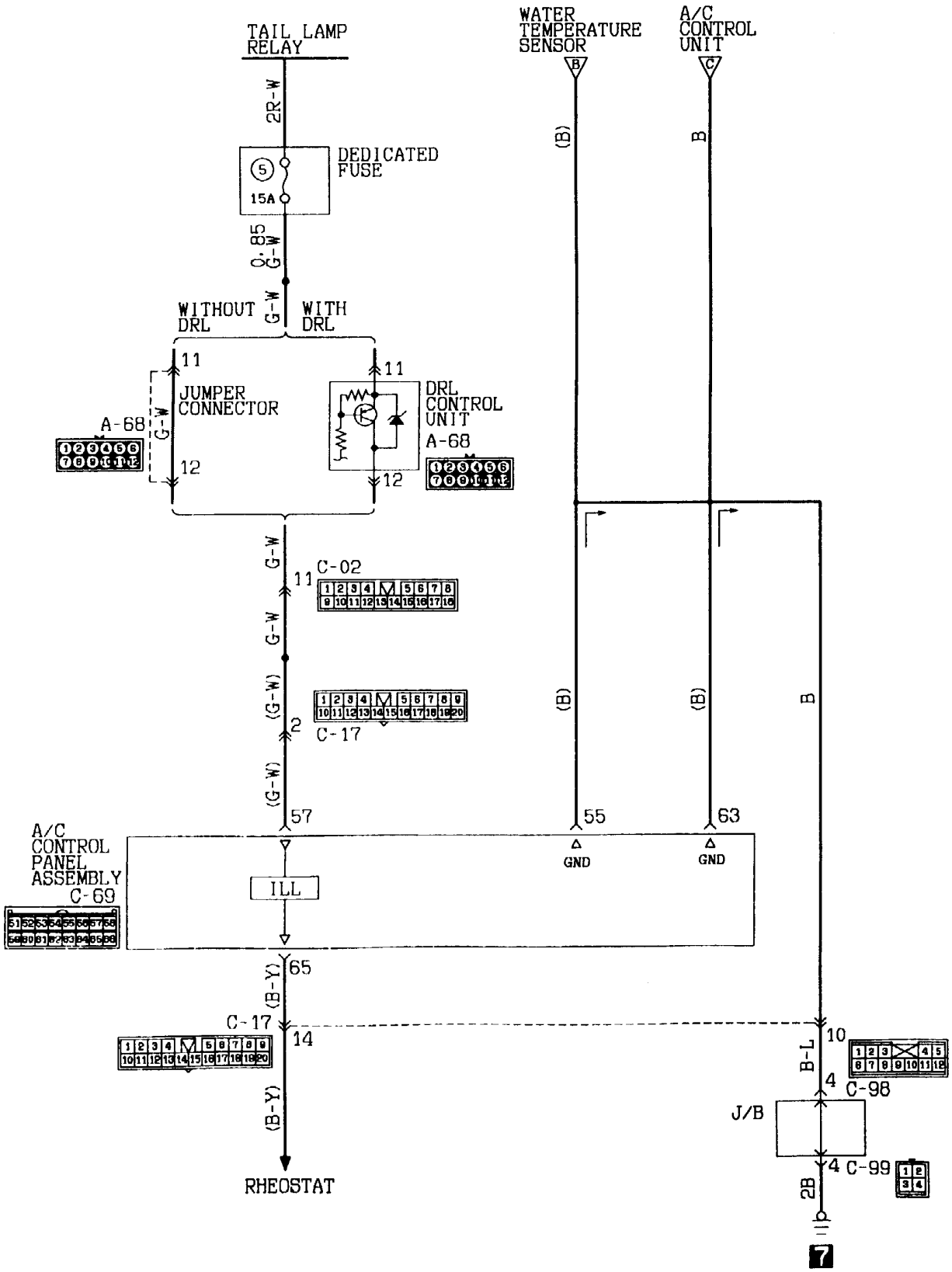
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Wire colour code

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

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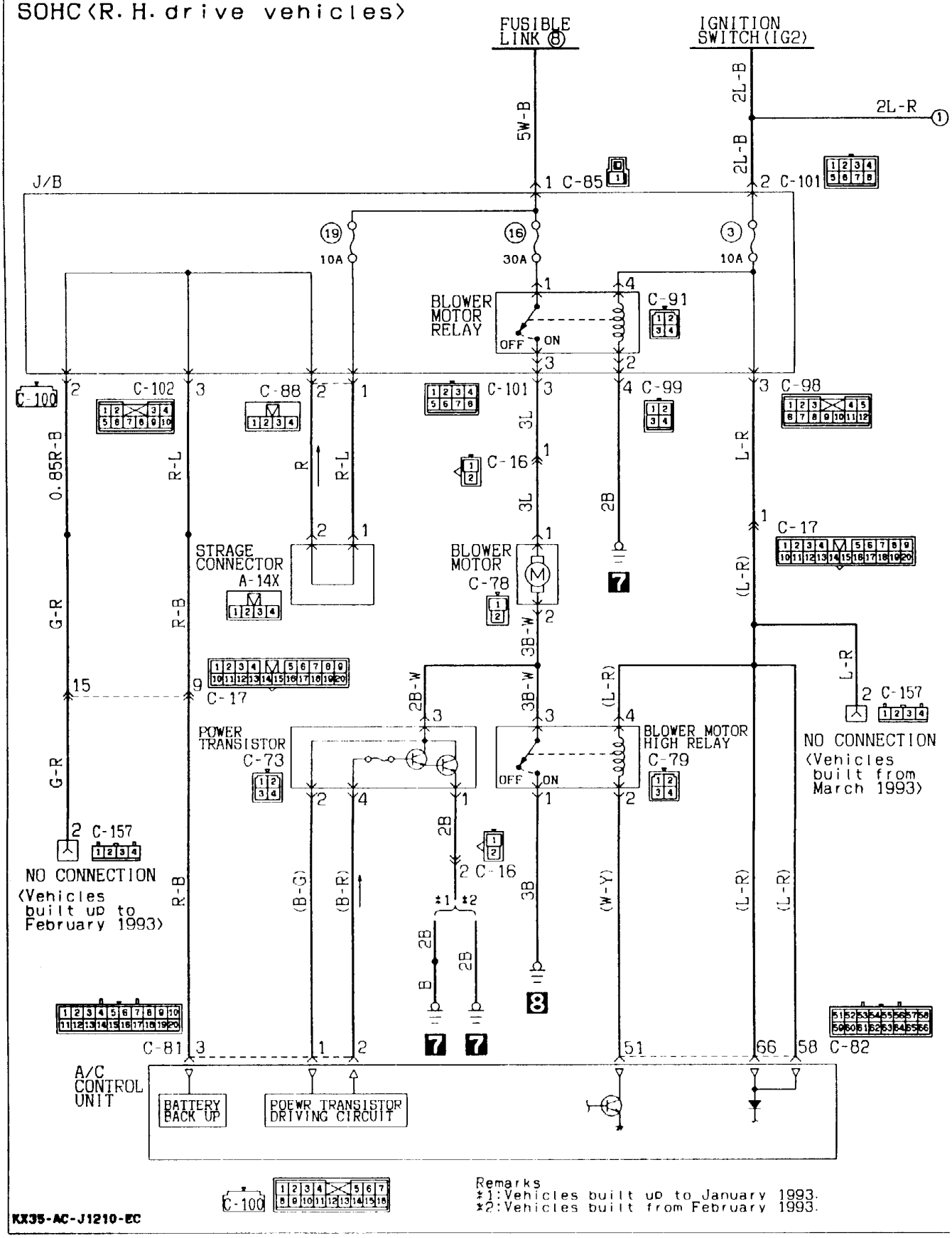


KX35-AC-J1209C-EC

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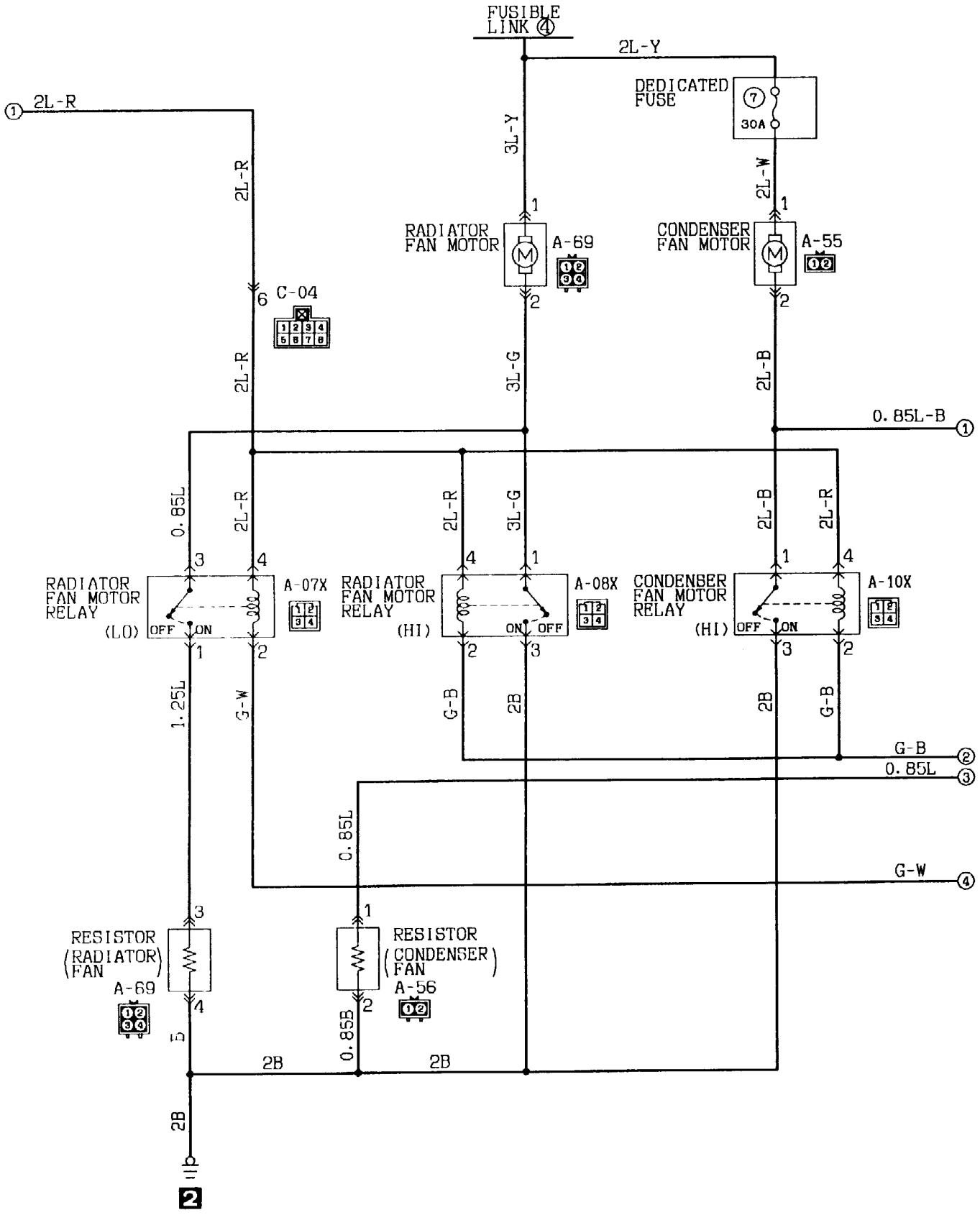
HEATER AND AIR CONDITIONER

SOHC〈R.H.drive vehicles〉

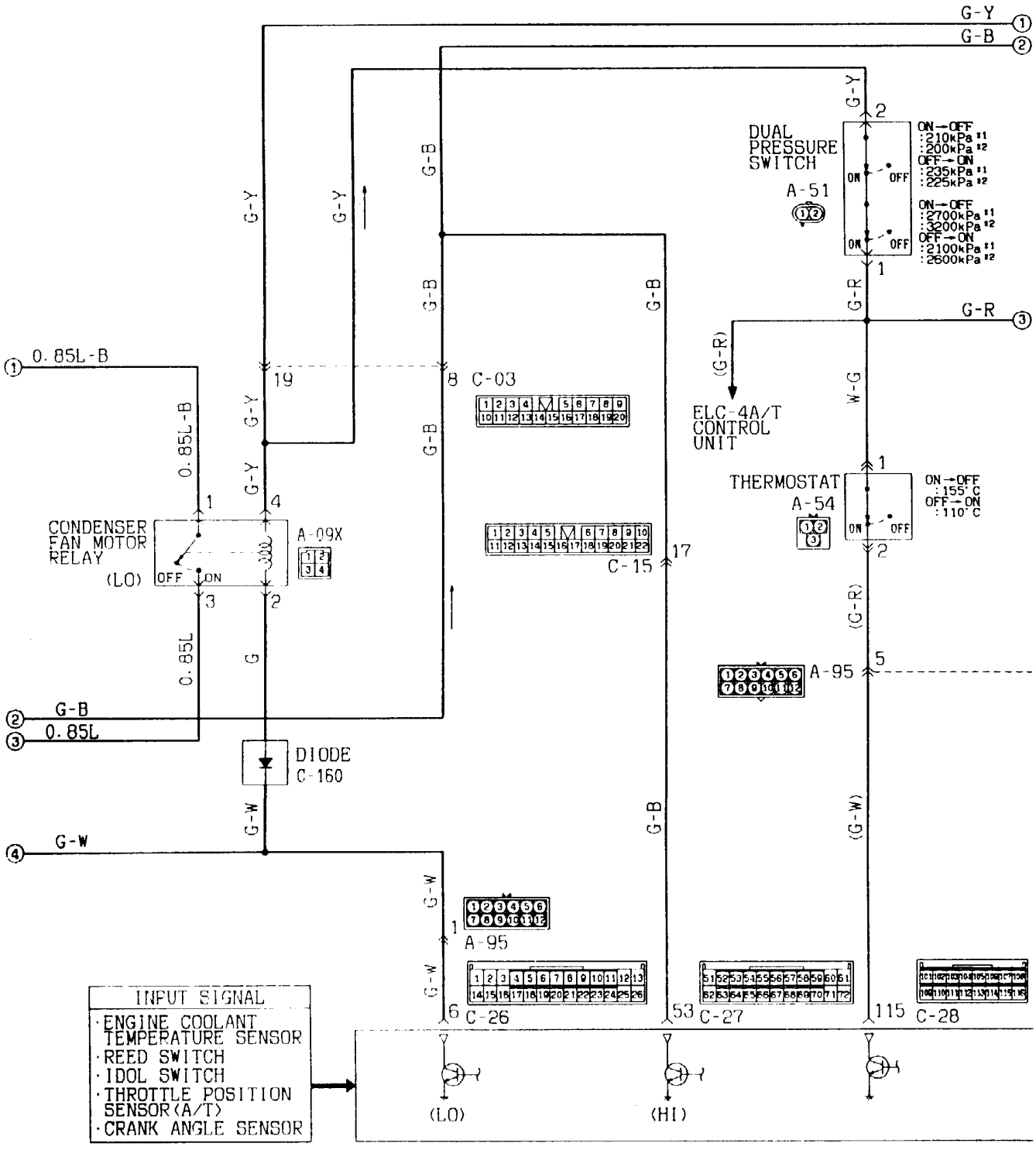


KX35-AC-J1210-EC

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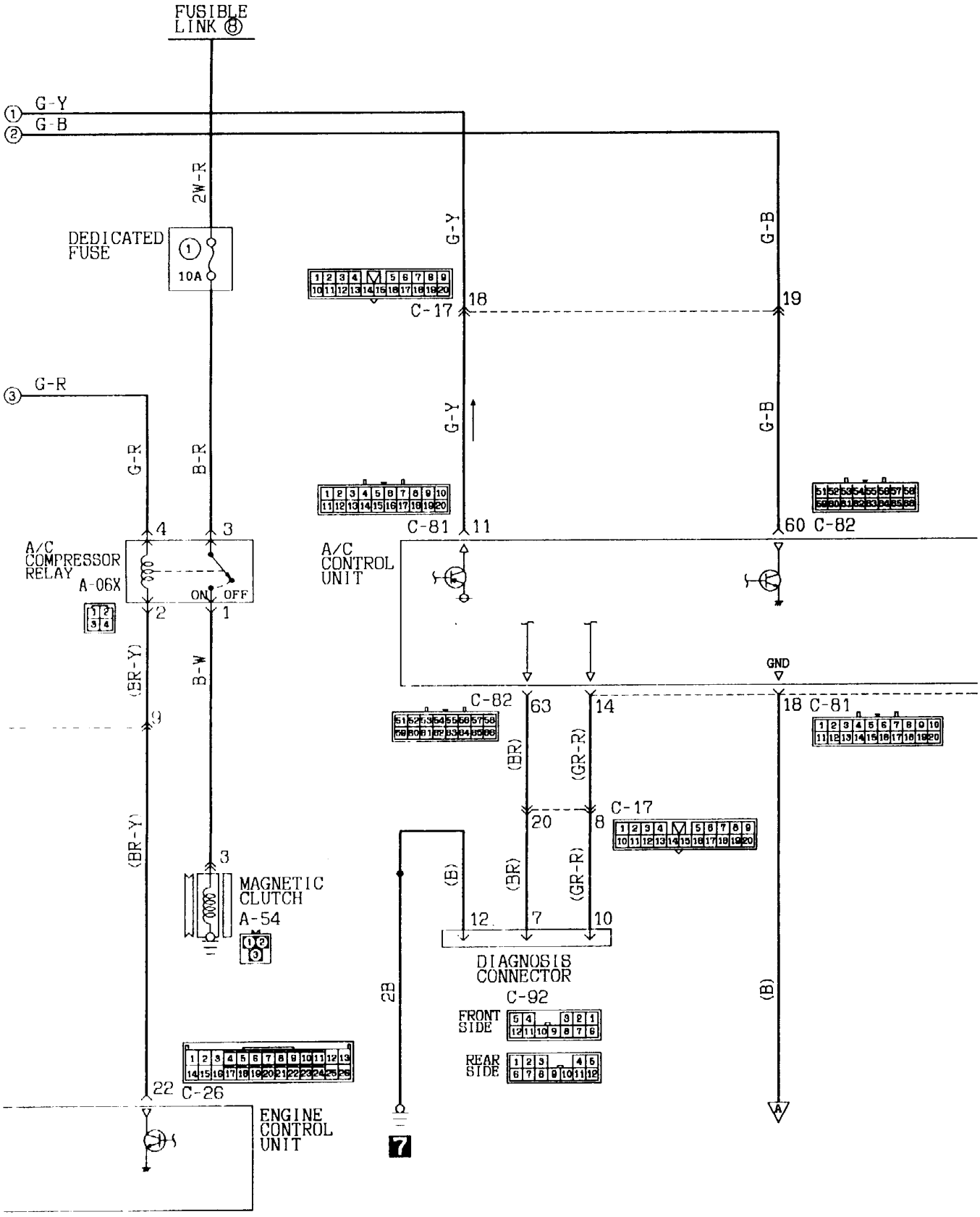
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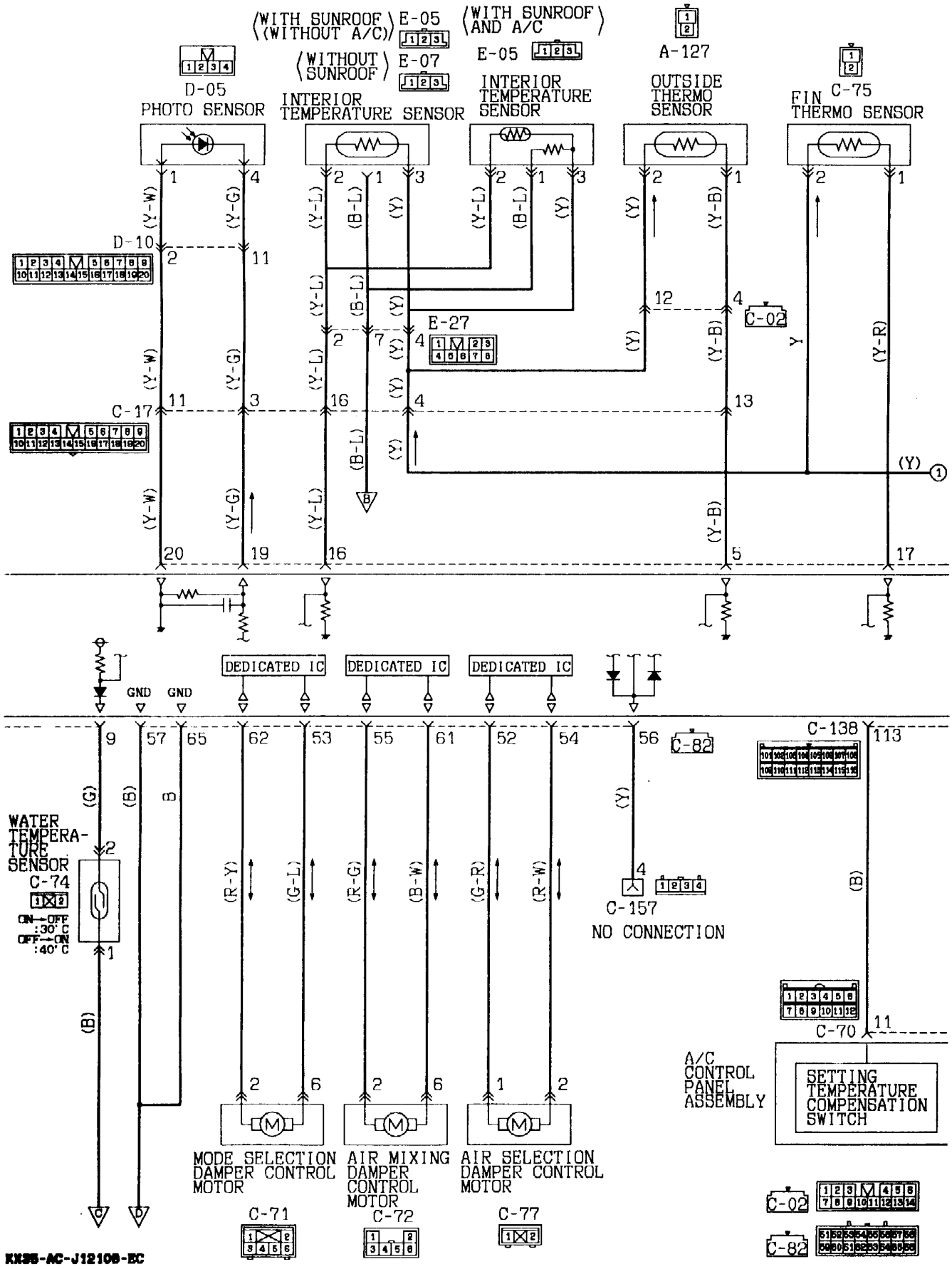
Remarks
*1: Vehicles using R-12.
*2: Vehicles using R-134a.

KX35-AC-J1210A-EC

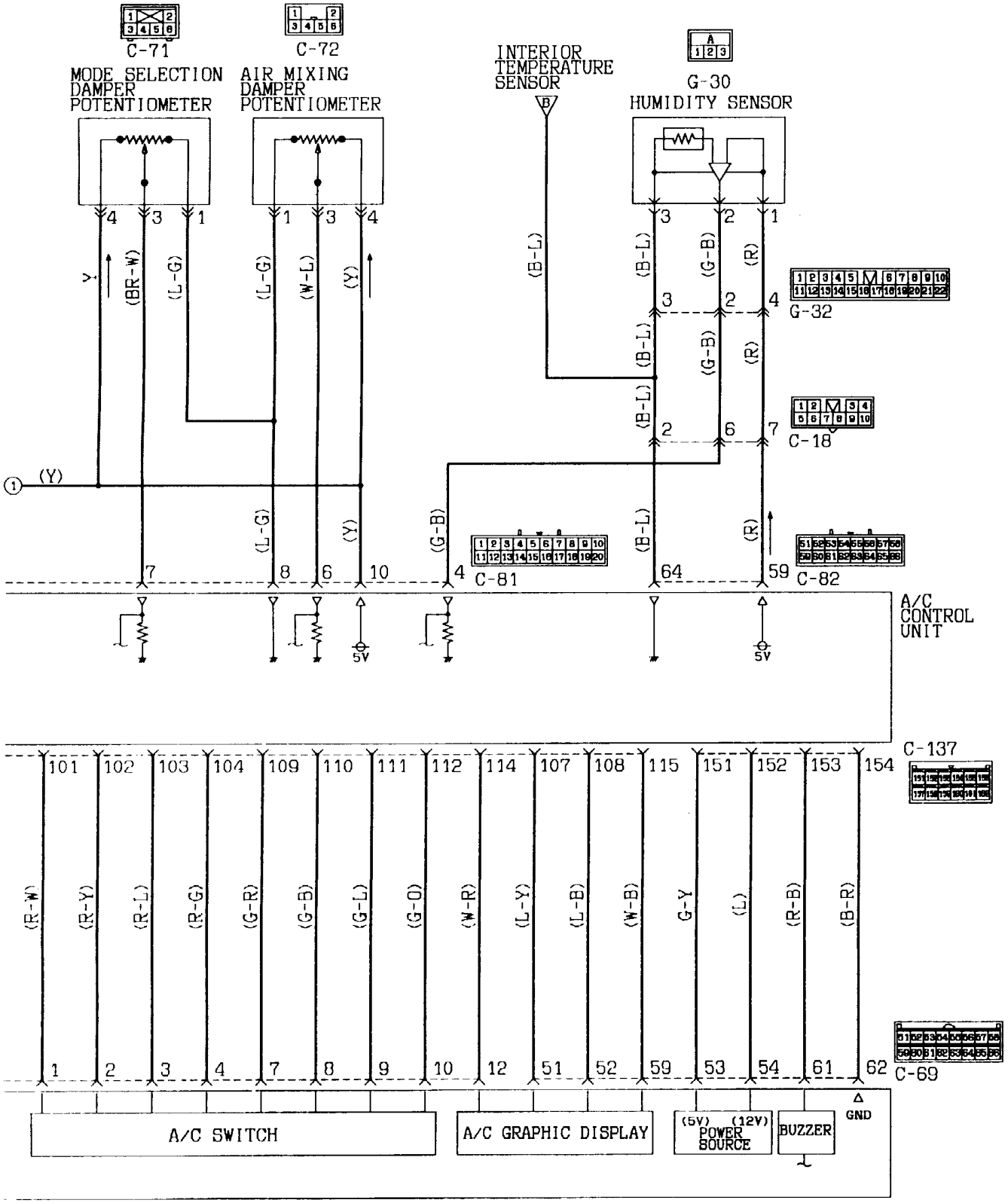
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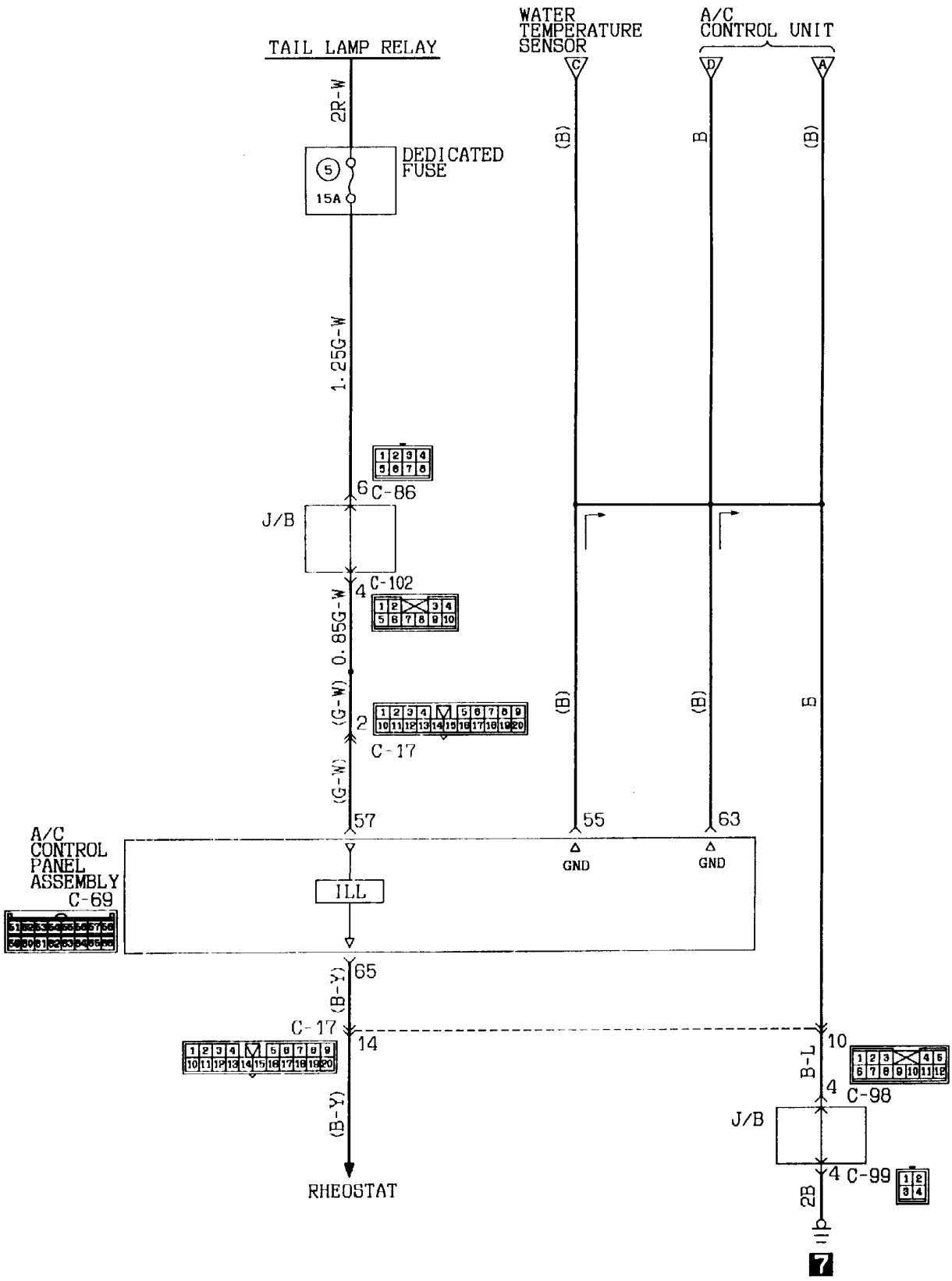


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Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

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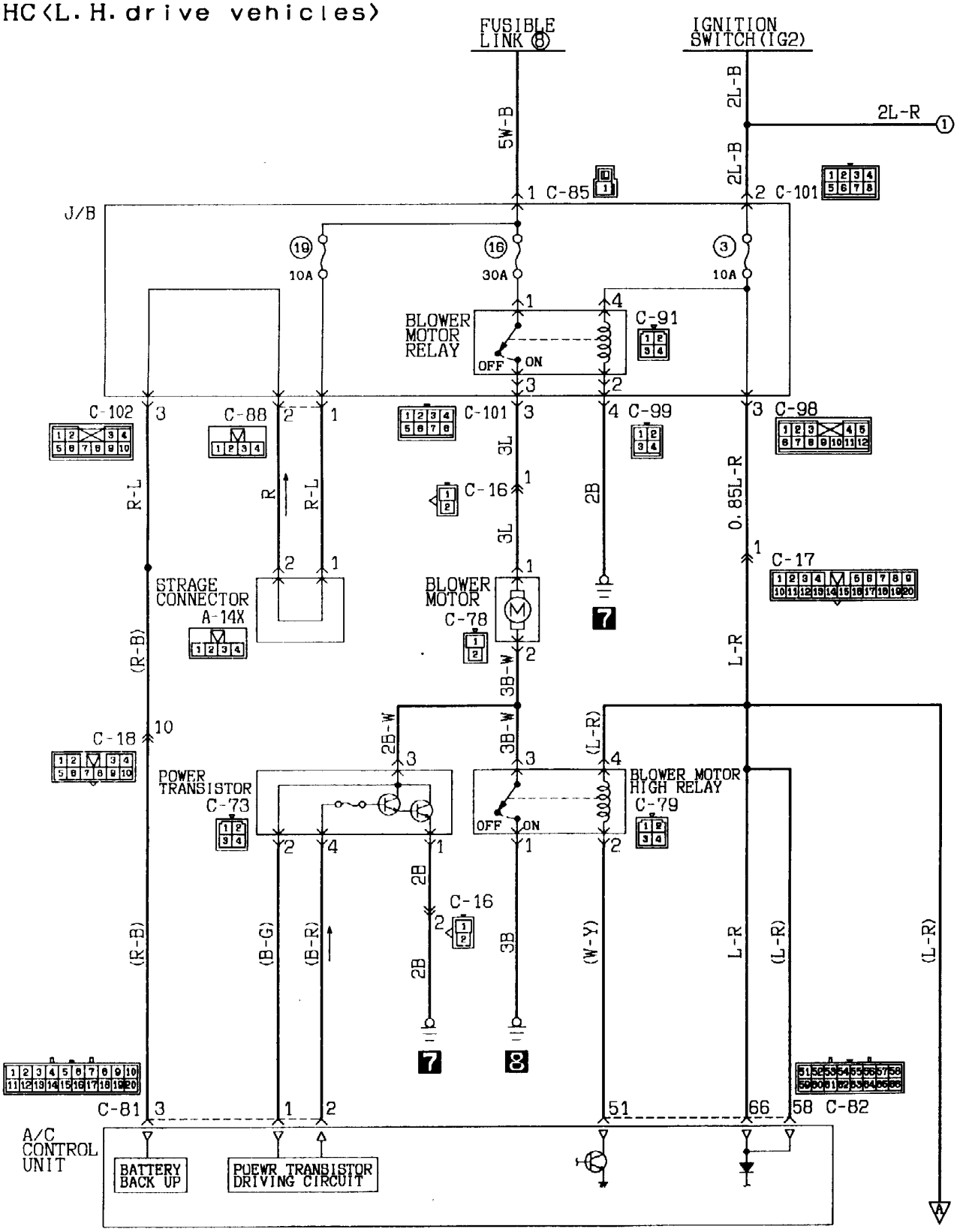


KX3S-AC-J1210C-EC

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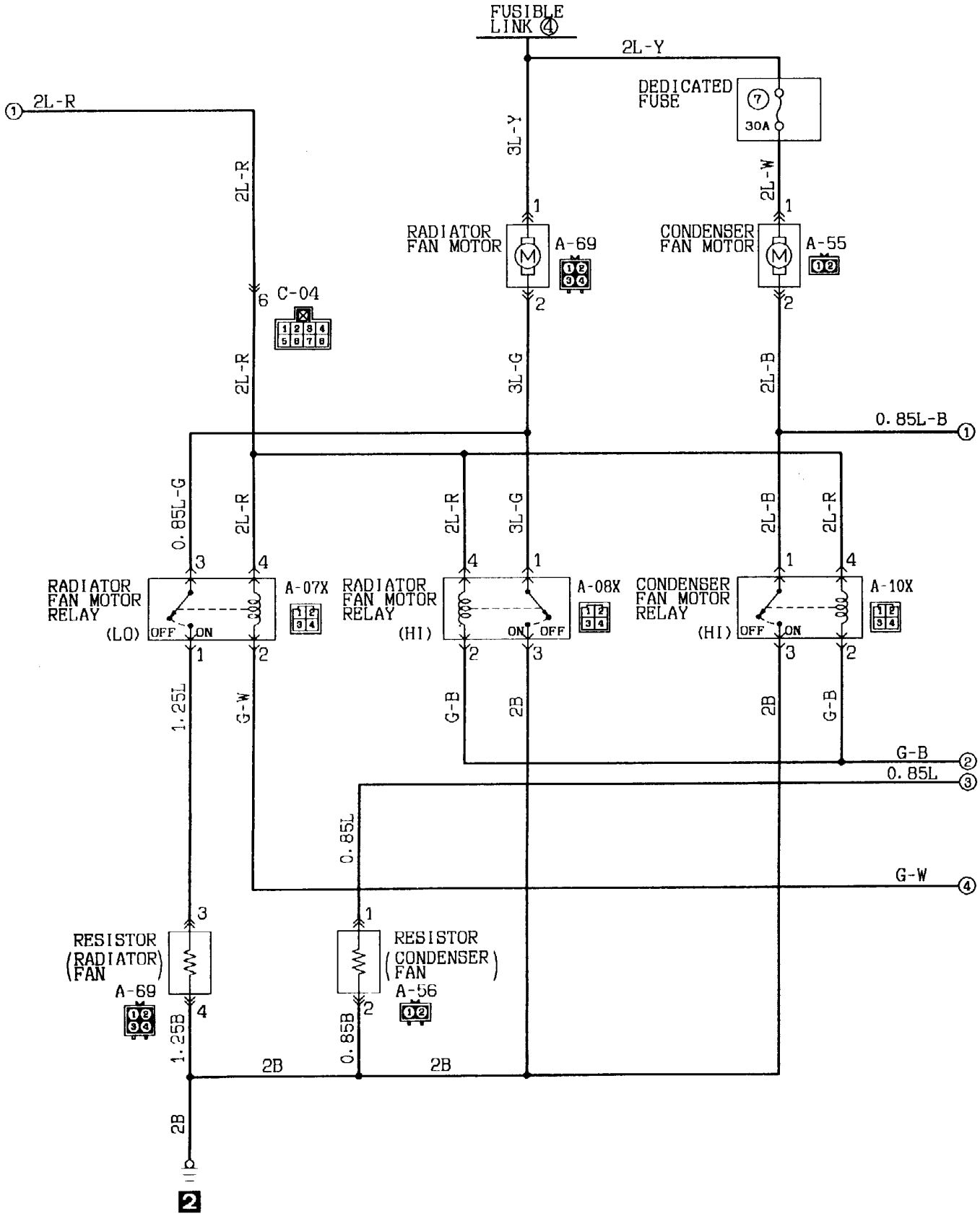
HEATER AND AIR CONDITIONER

DOHC<L.H.drive vehicles>



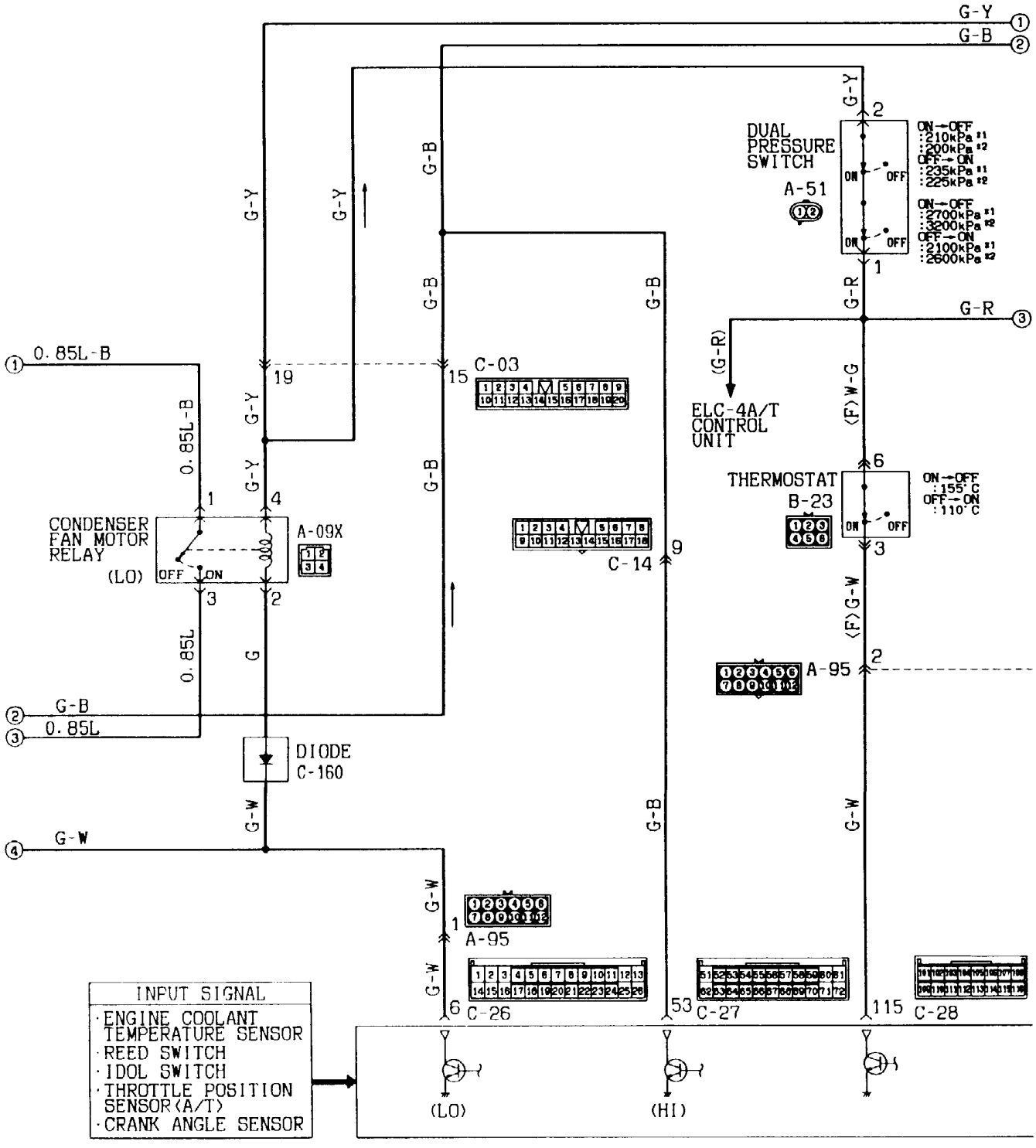
XX35-AC-J1211-EC

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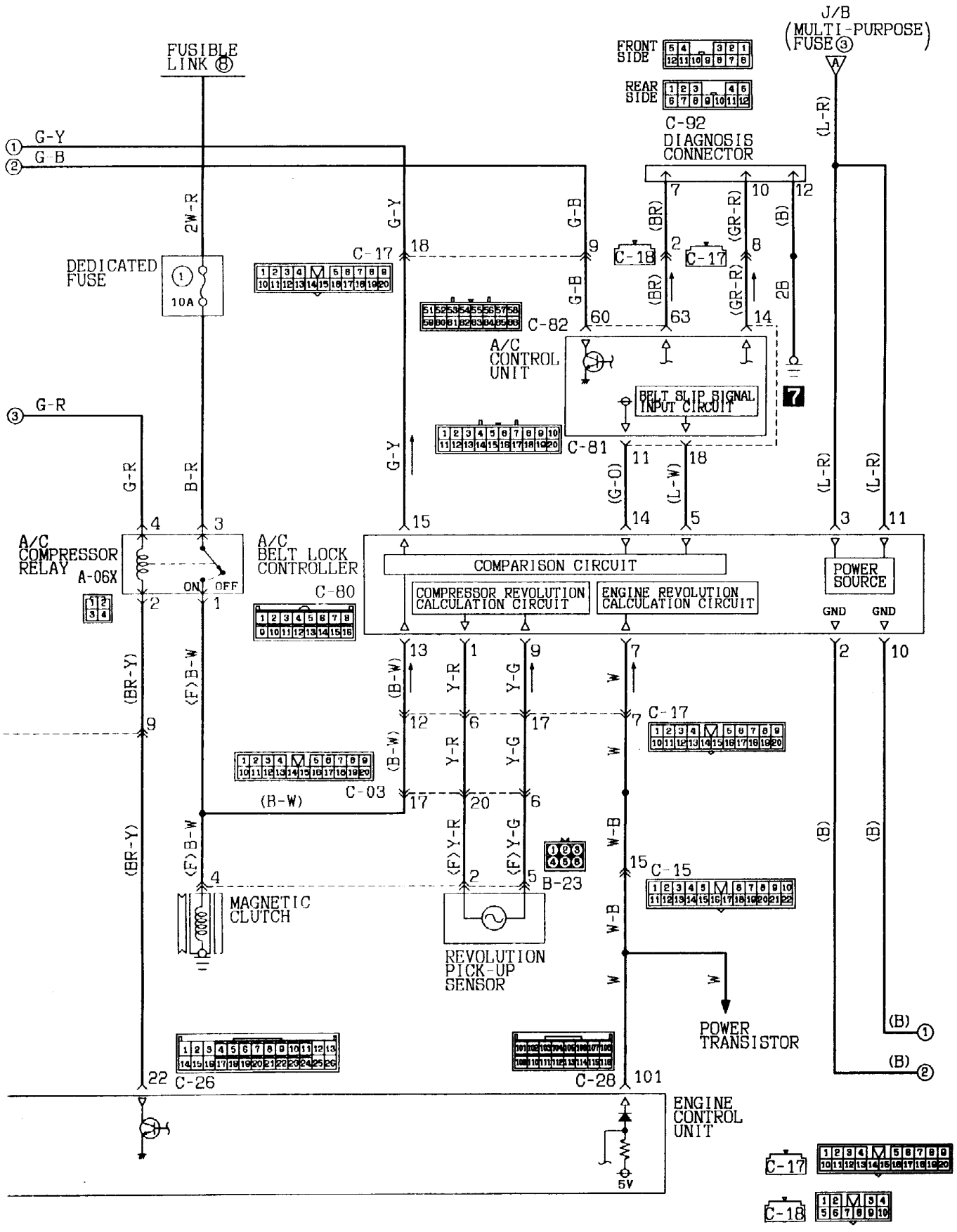
HEATER AND AIR CONDITIONER DOHC<L.H. drive vehicles> (CONTINUED)



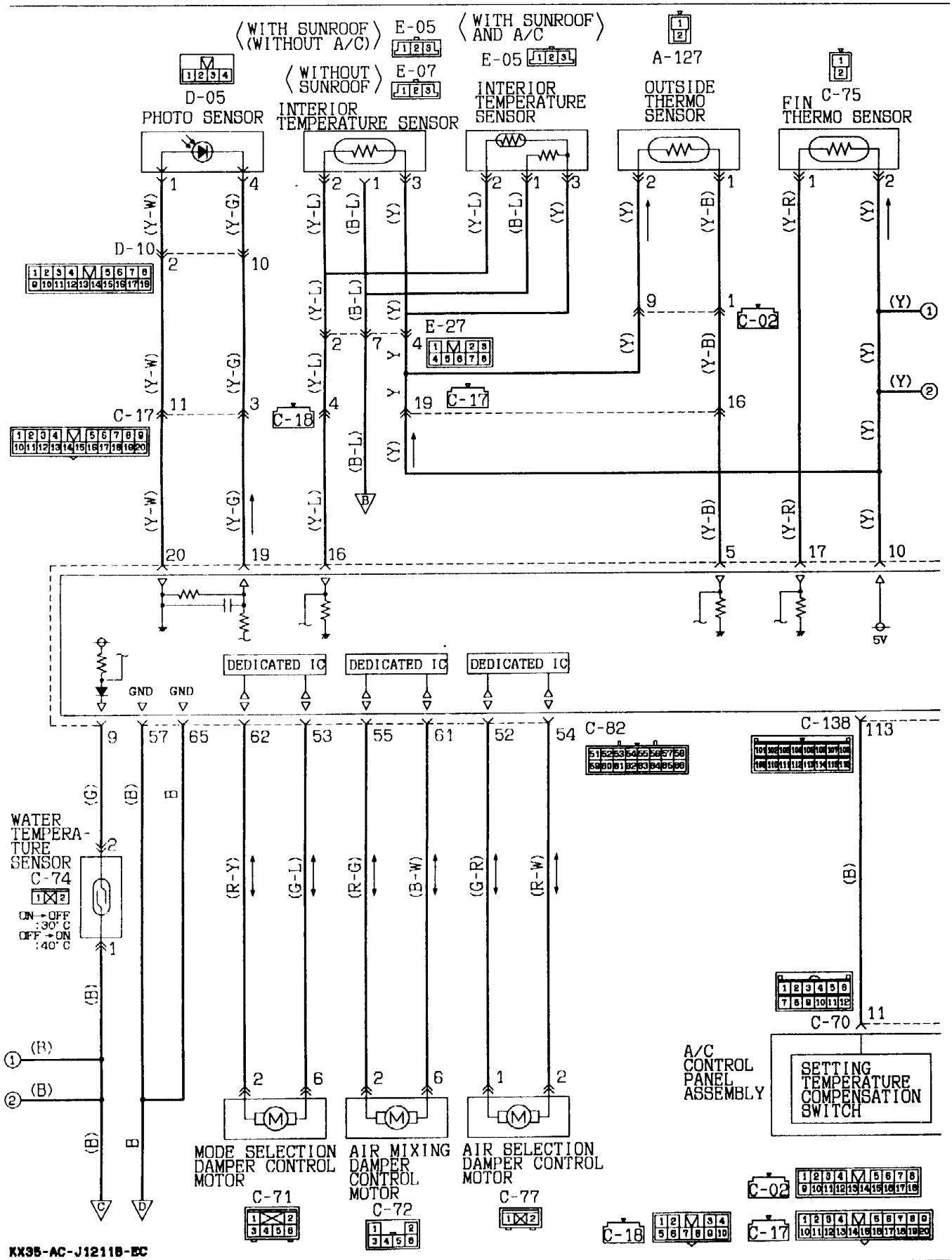
Remarks
*1: Vehicles using R-12.
*2: Vehicles using R-134a.

RX35-AC-J1211A-EC

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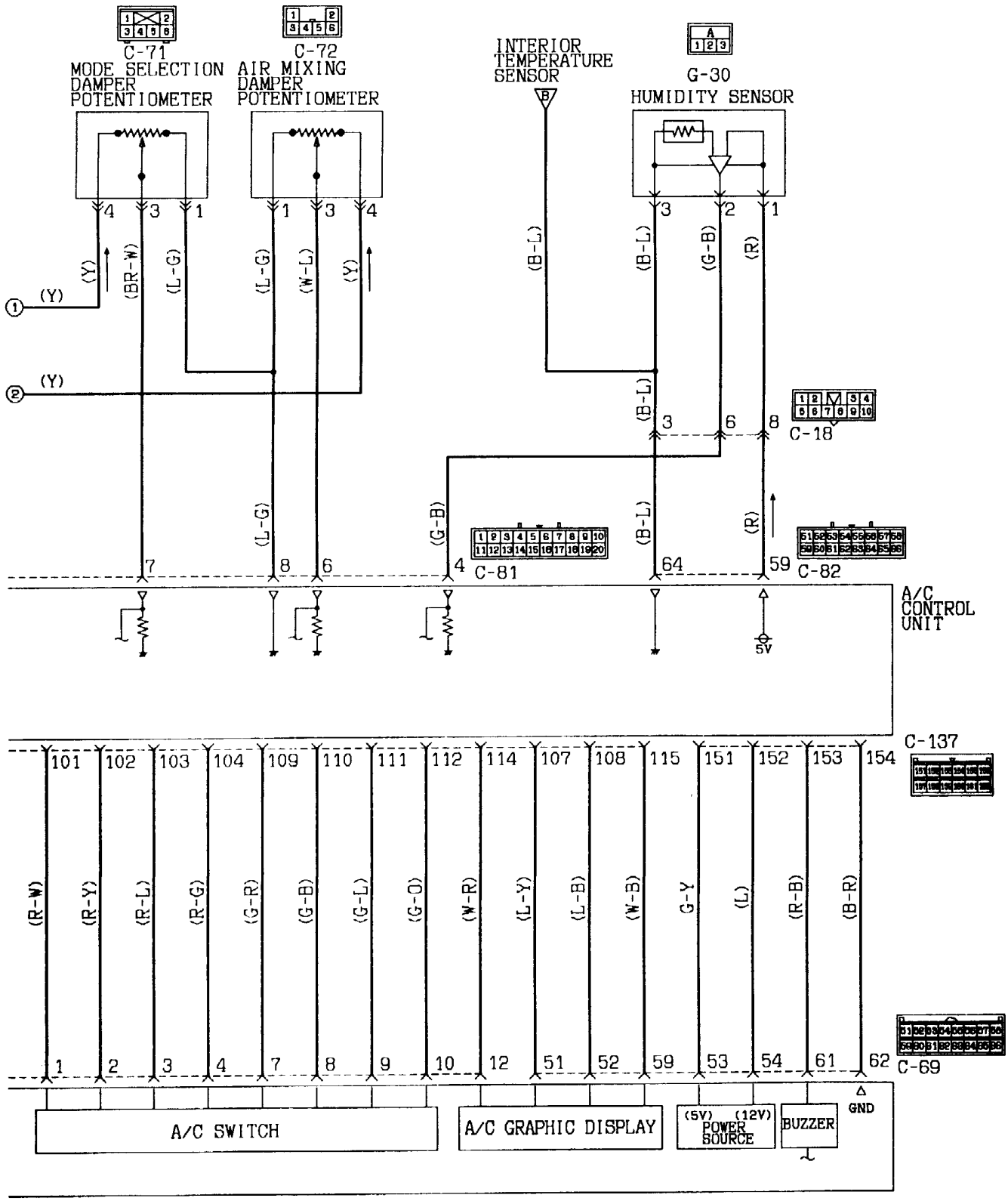


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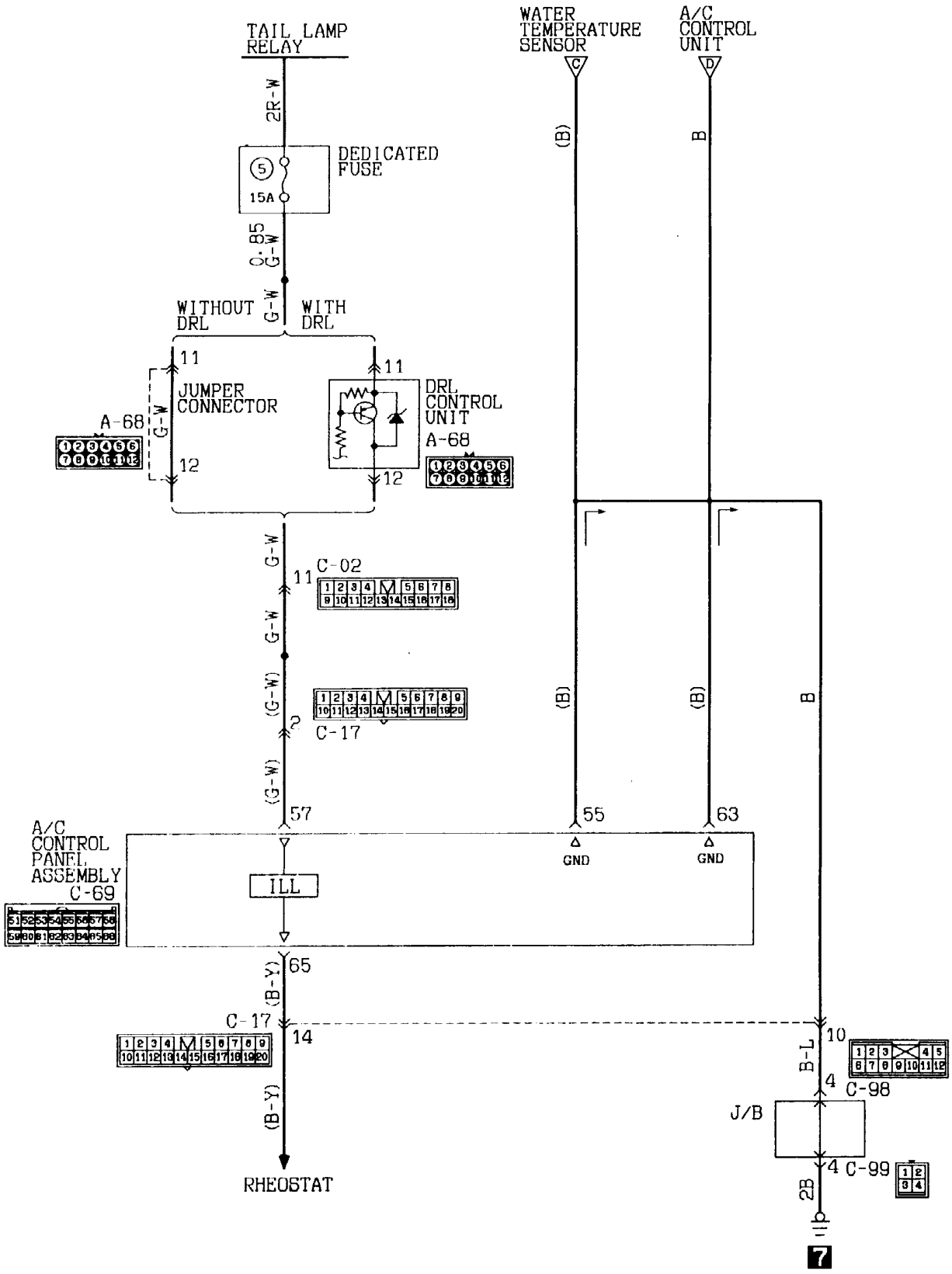
KX35-AC-J1211B-EC

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

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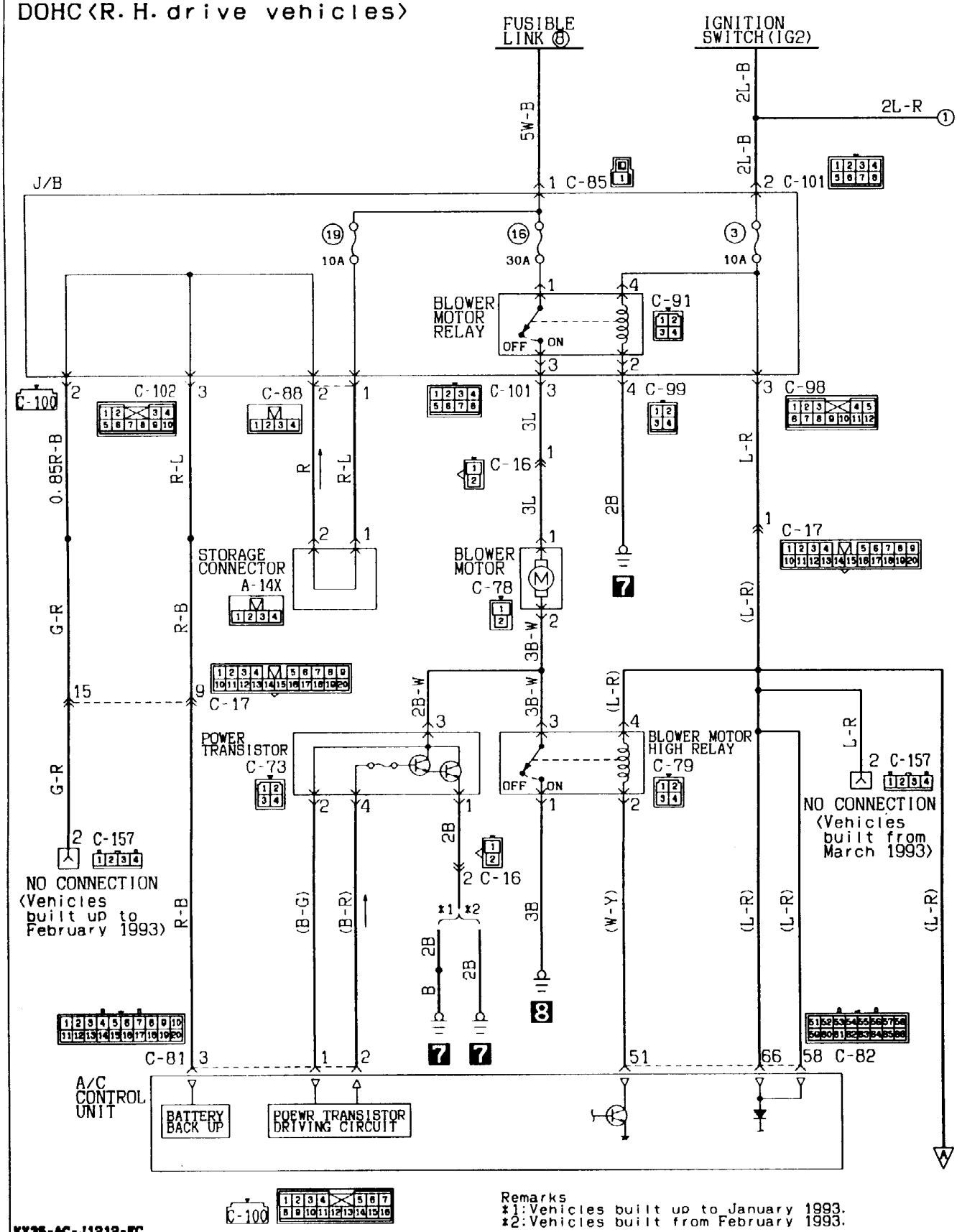


KX35-AC-J1211C-EC

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HEATER AND AIR CONDITIONER

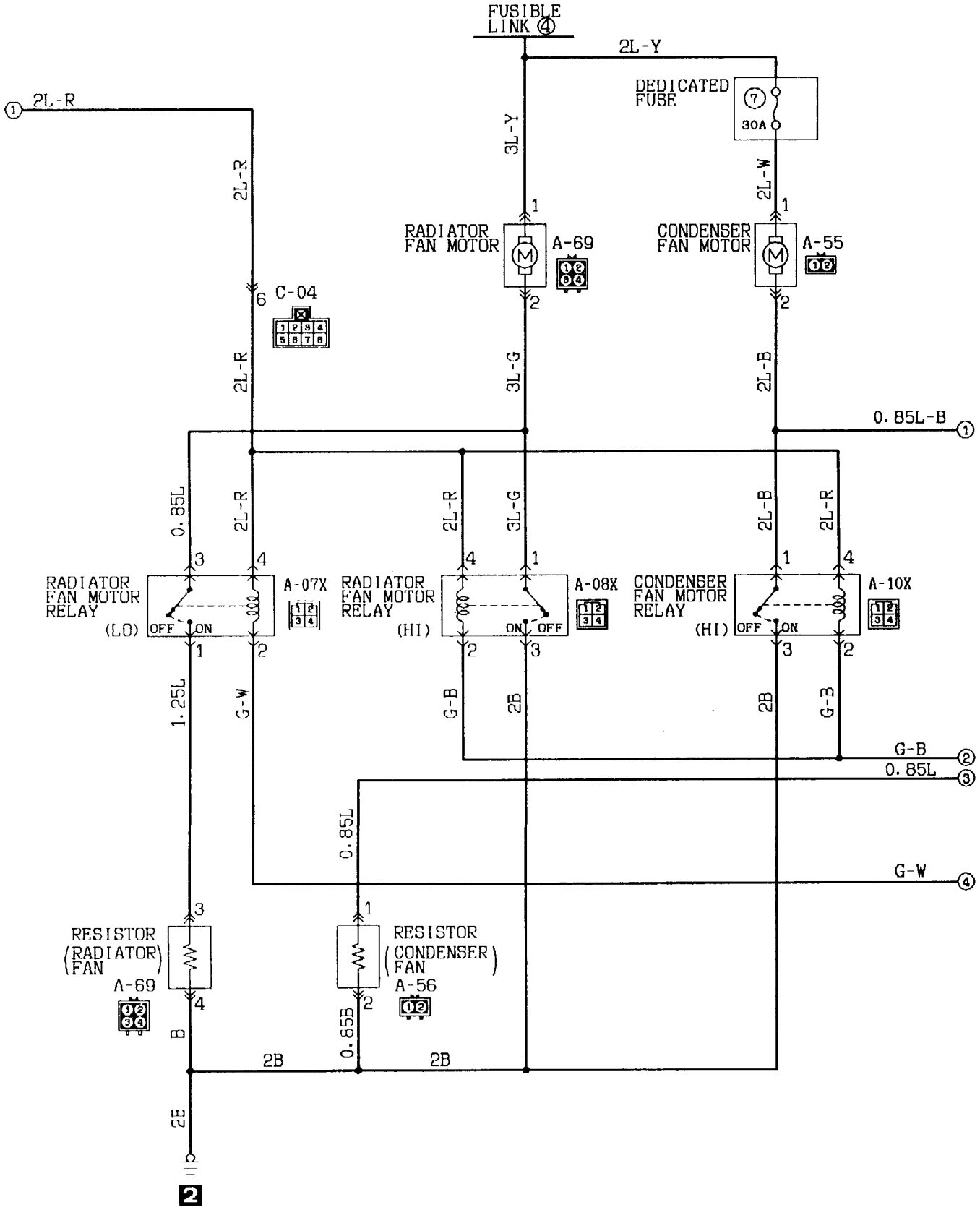
DOHC<R.H. drive vehicles>



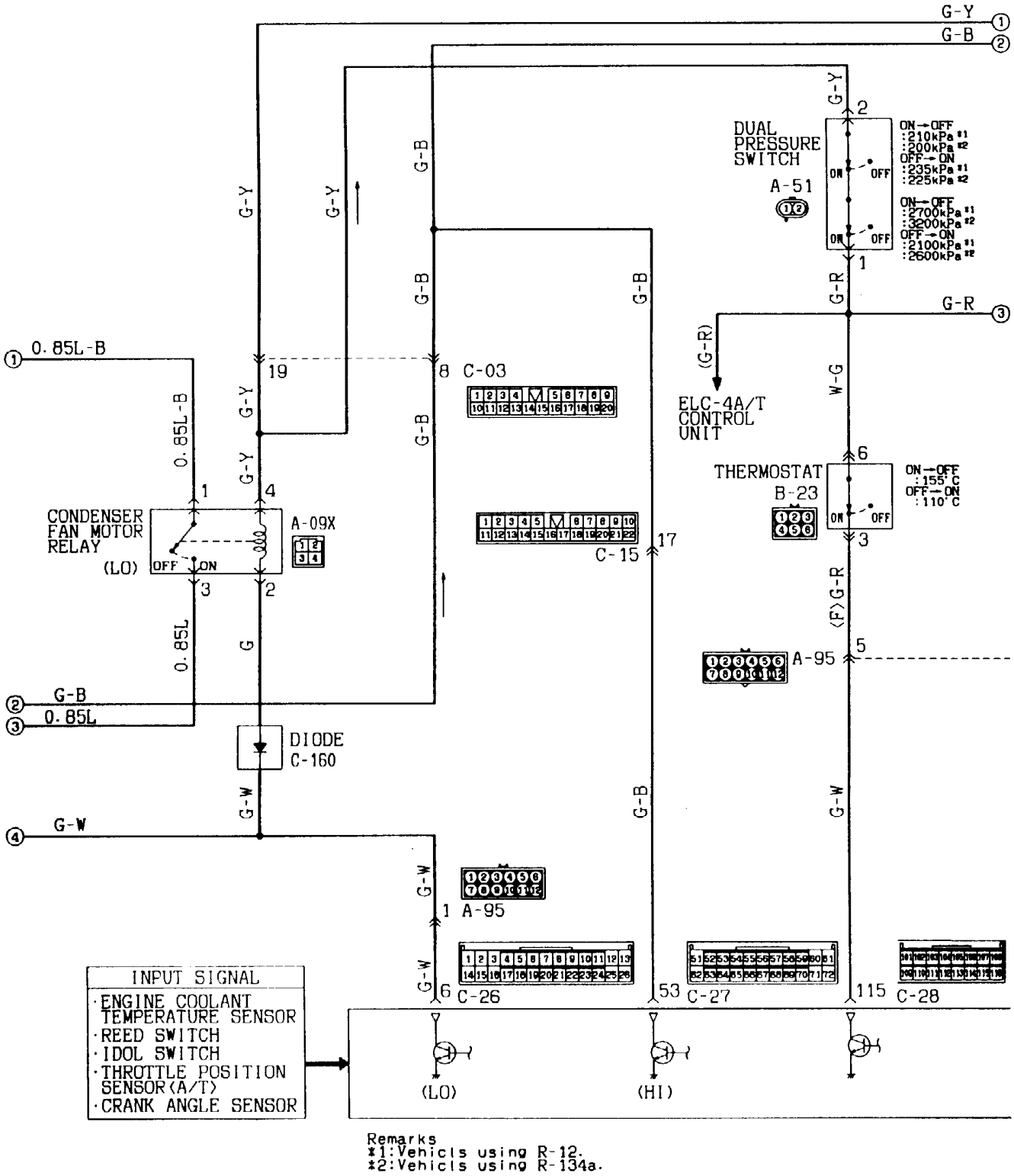
Remarks
*1:Vehicles built up to January 1993.
*2:Vehicles built from February 1993.

KX35-AC-J1212-EC

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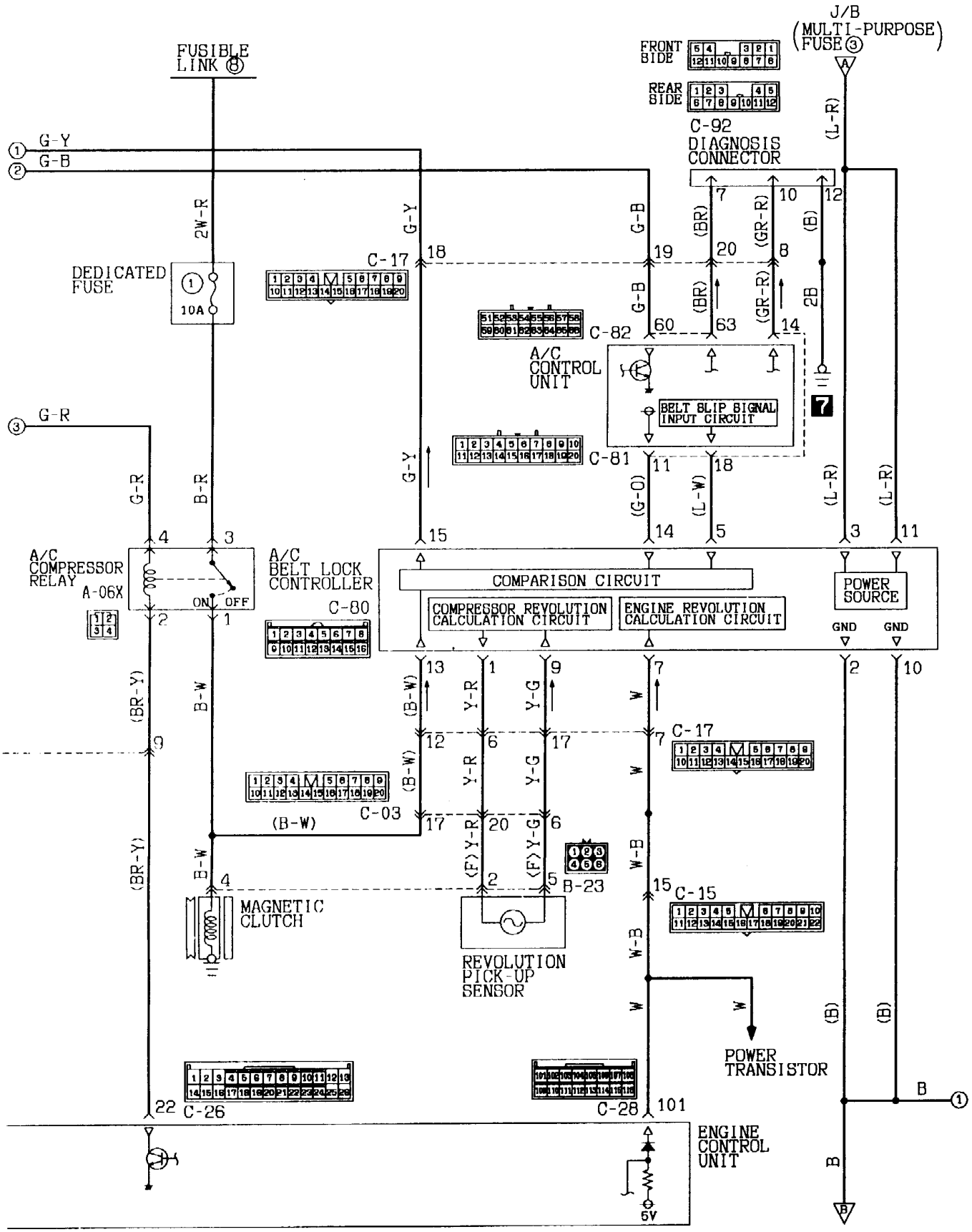


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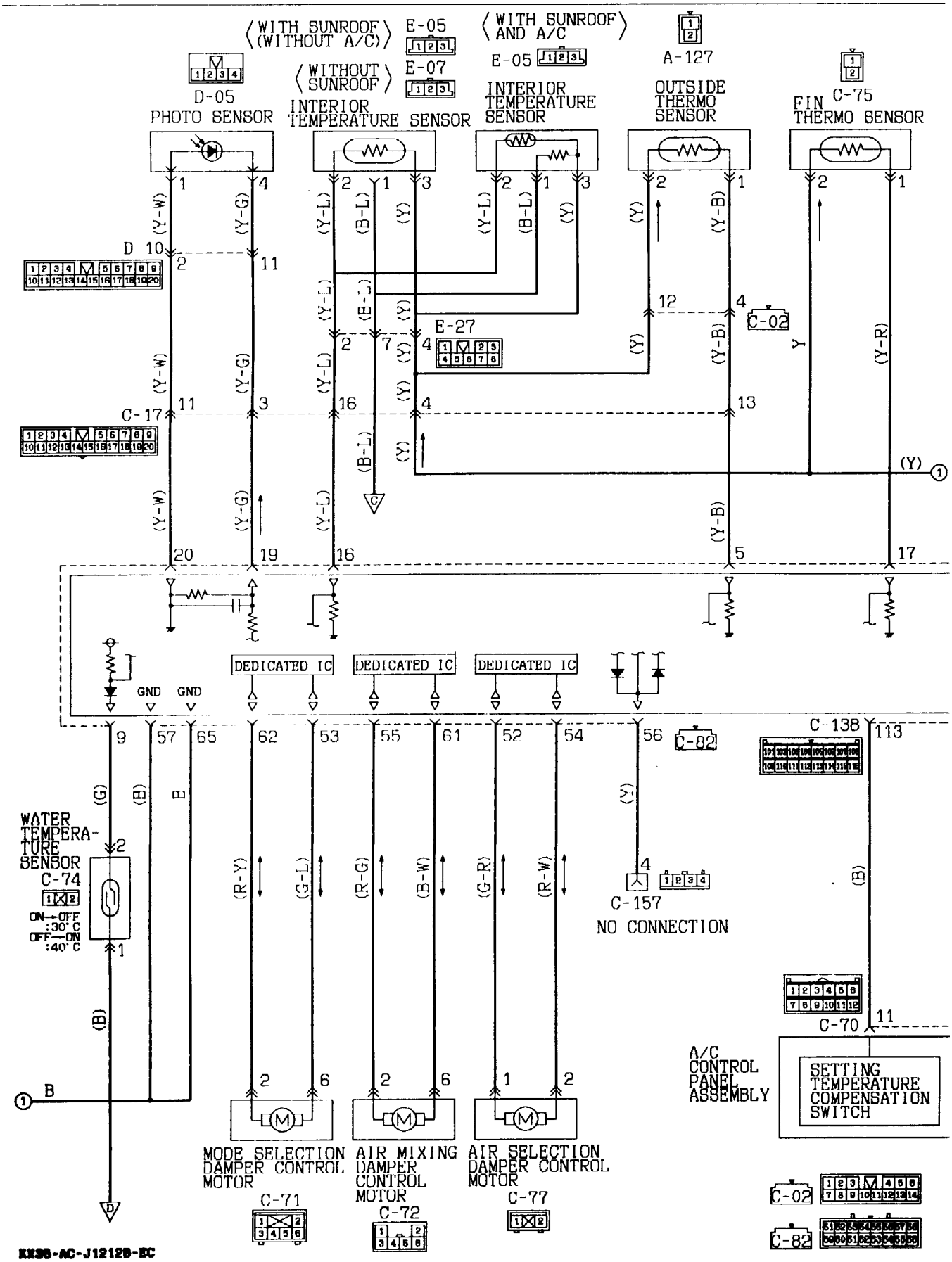


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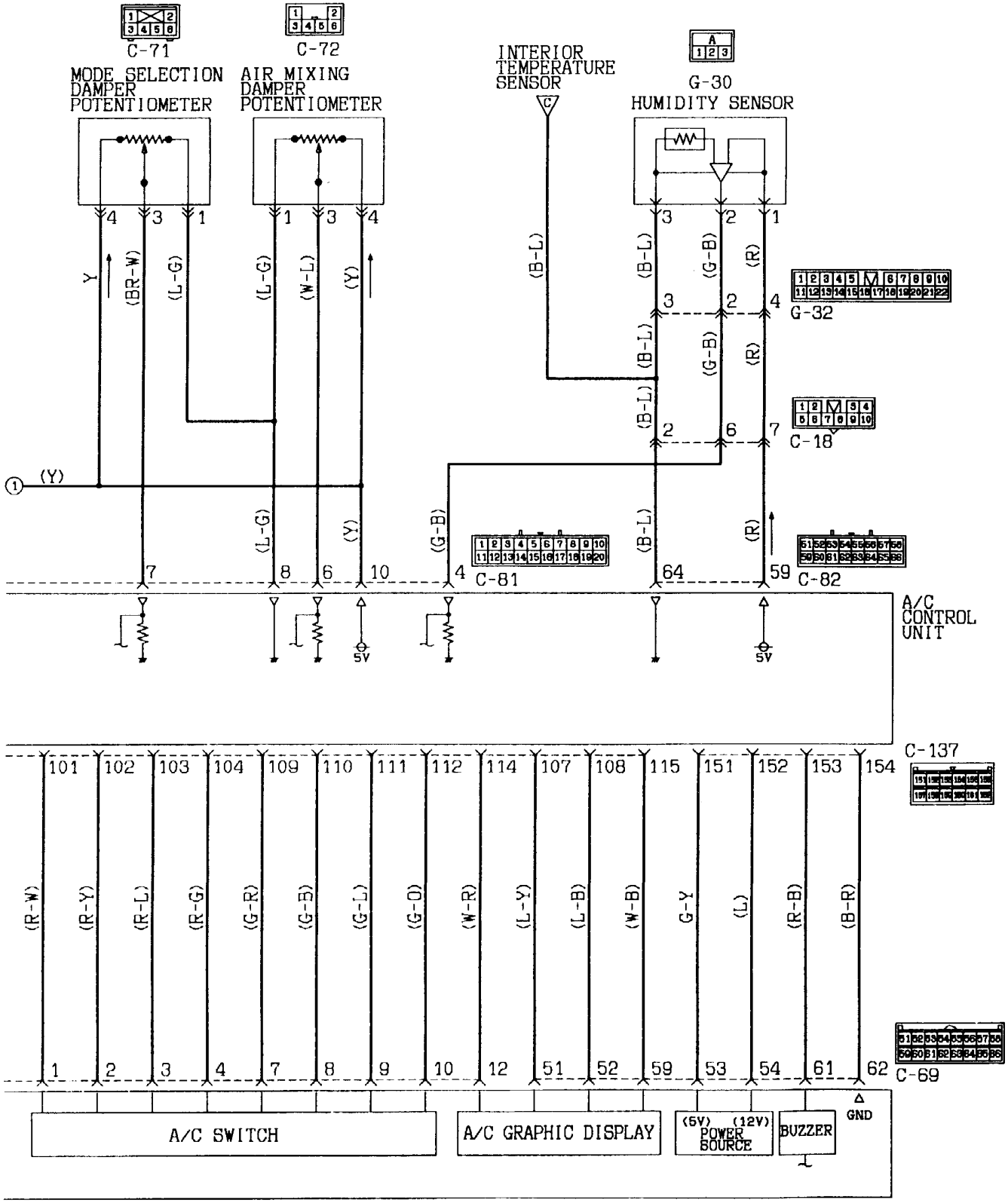


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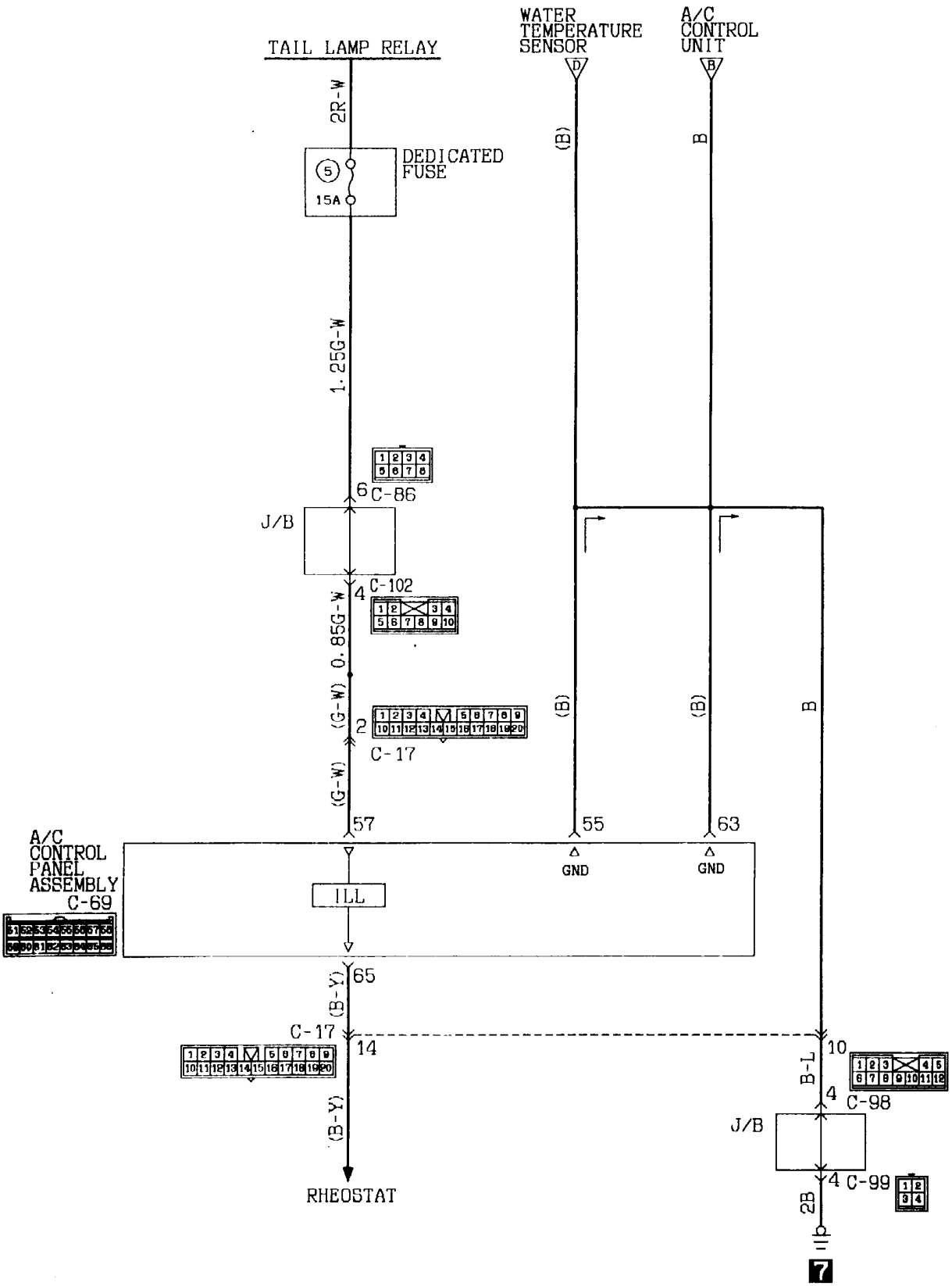
KH3B-AC-J1212B-EC

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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

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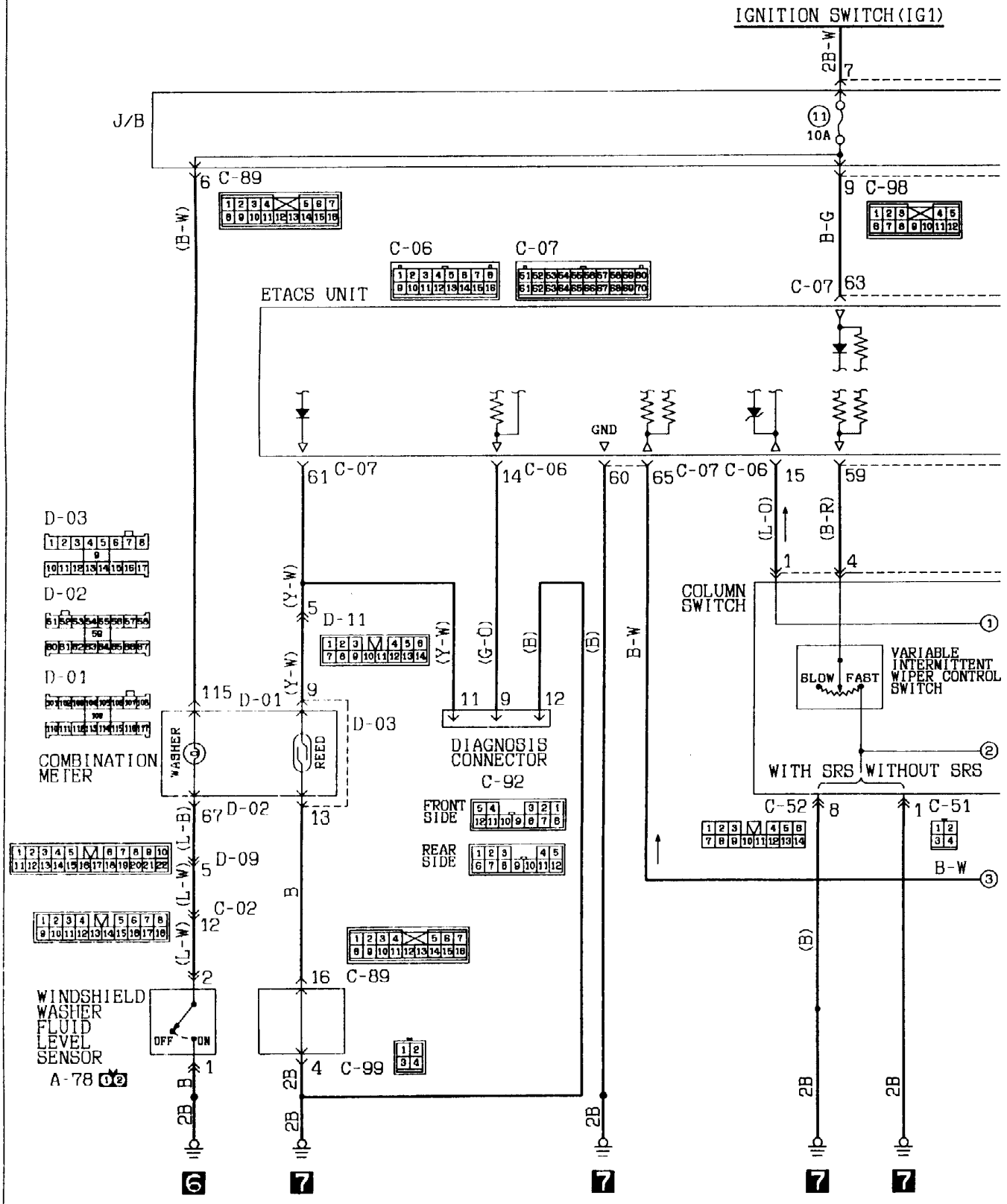


KX3S-AC-J1212C-EC

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WINDSHIELD WIPER AND WASHER

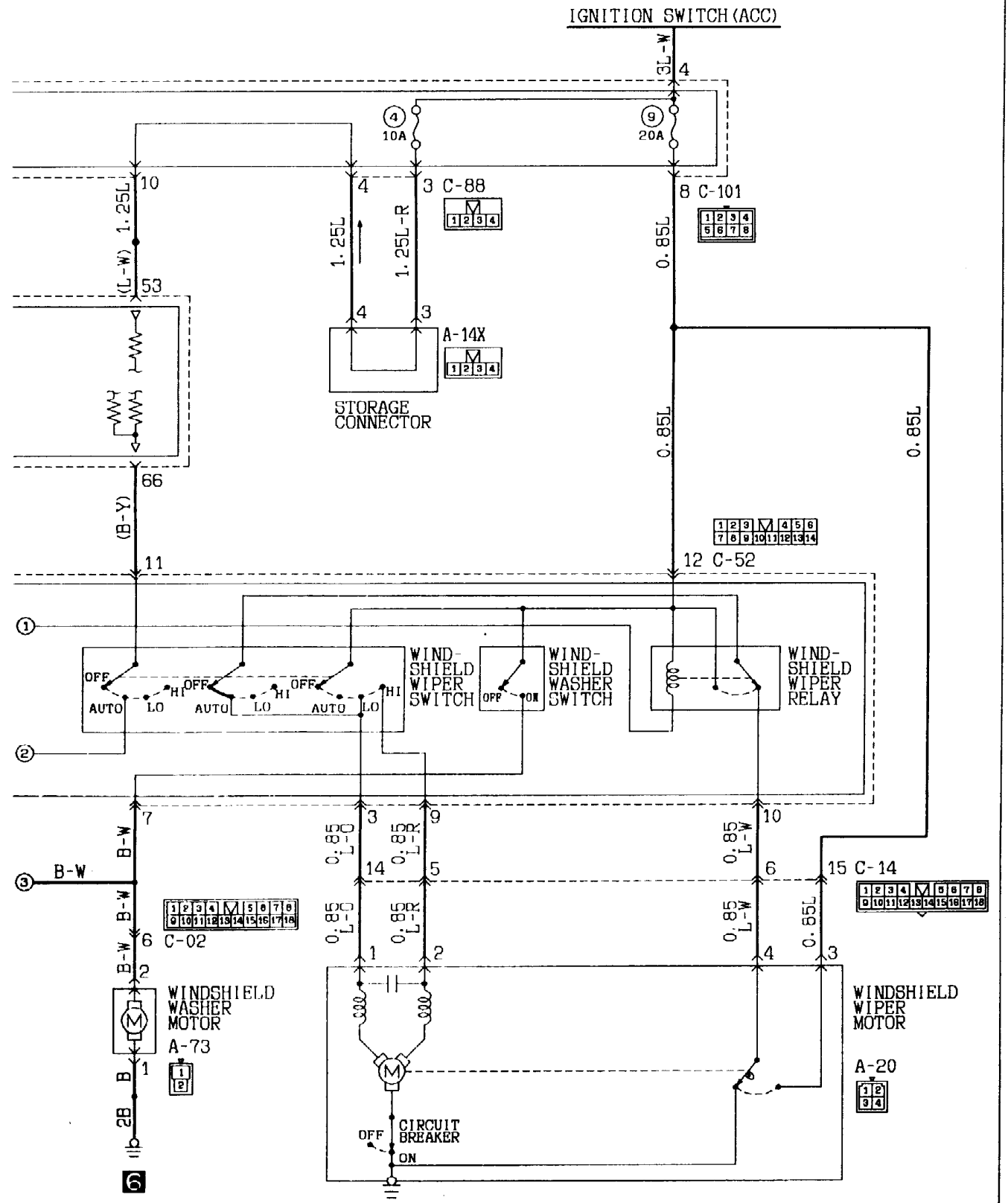
L.H. drive vehicles with Theft-Alarm system



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

KX35-AC-J1324-EC

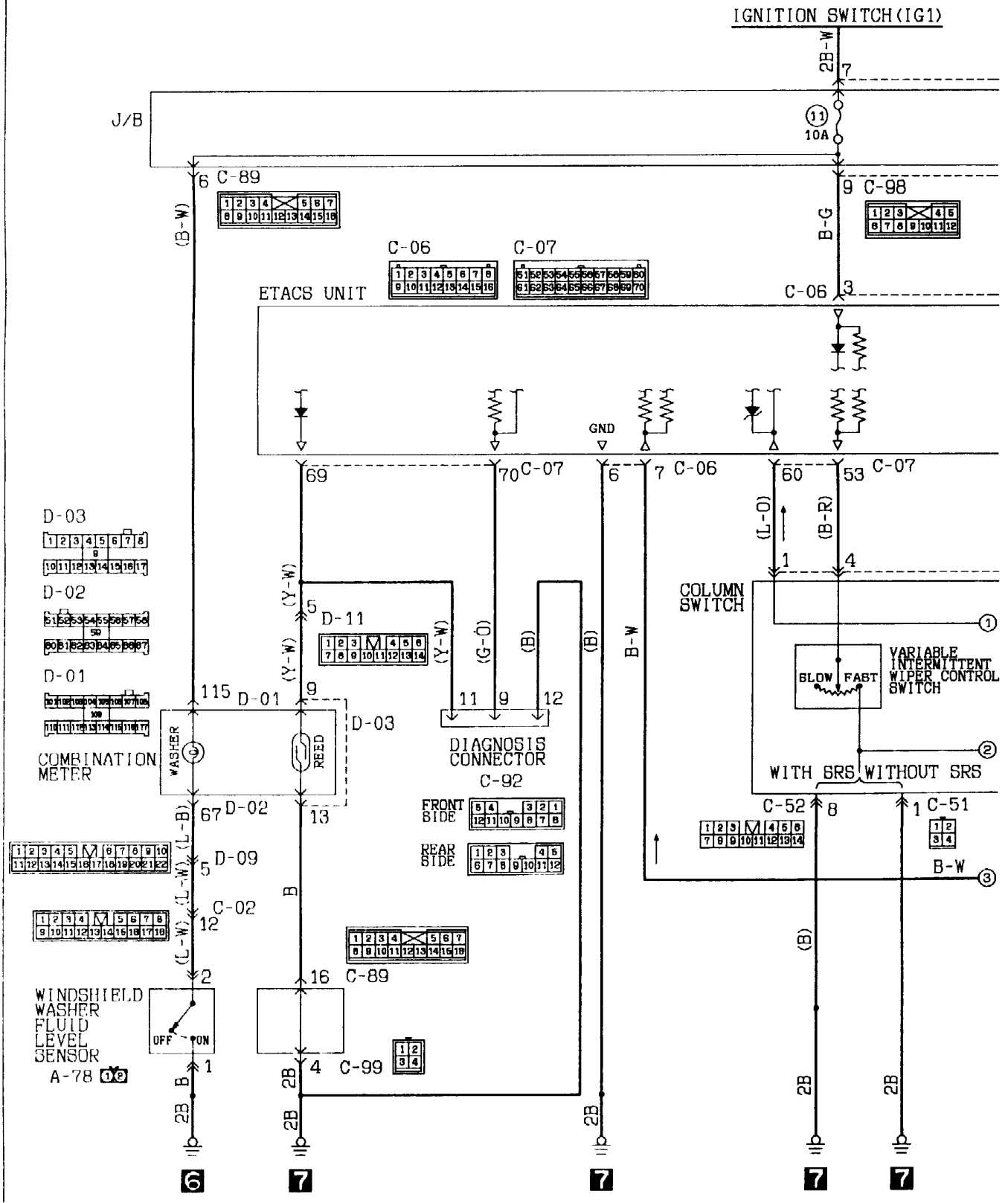
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WINDSHIELD WIPER AND WASHER

L.H. drive vehicles without Theft-Alarm system

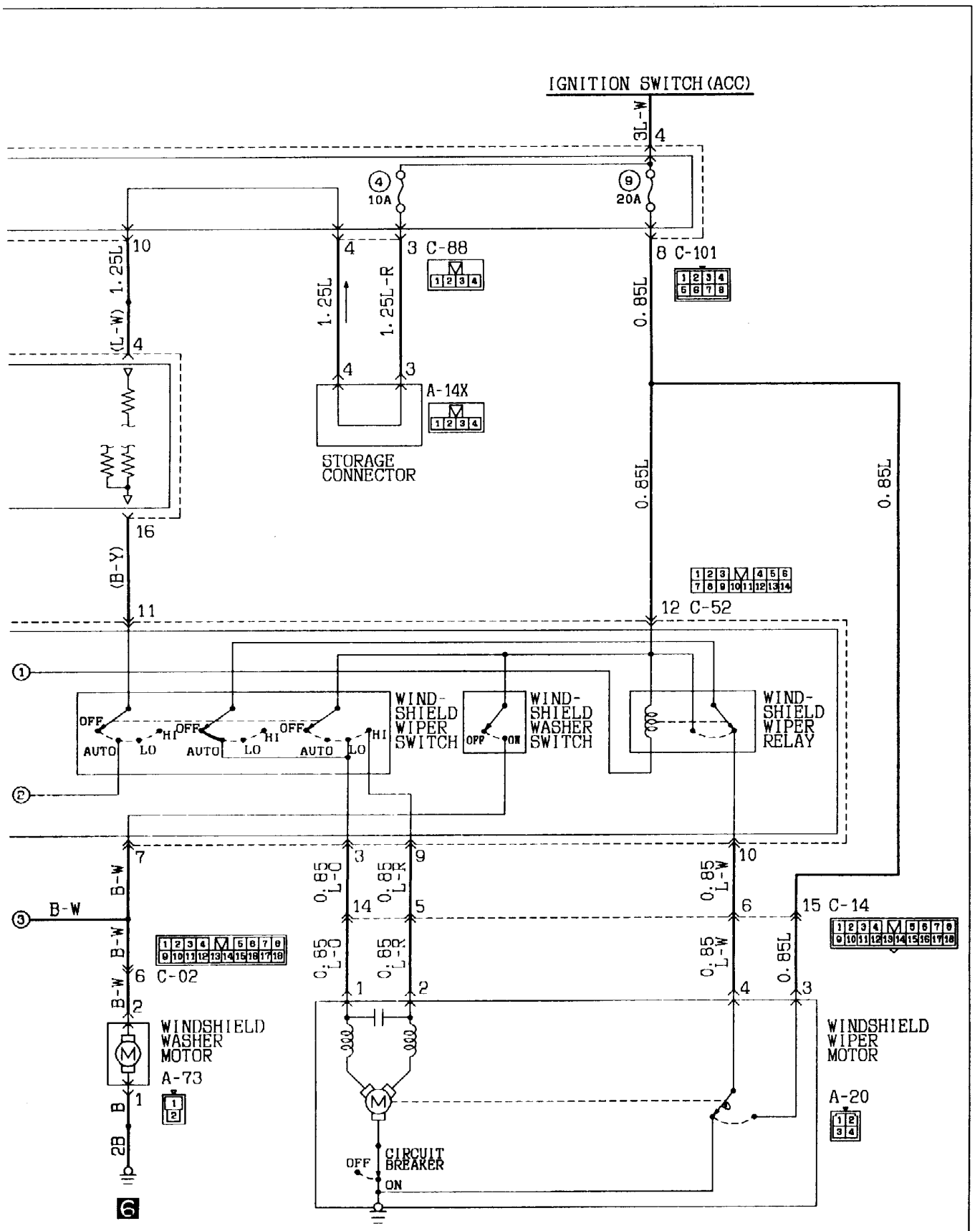


Wire colour code

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

KX35-AC-J1325-EC

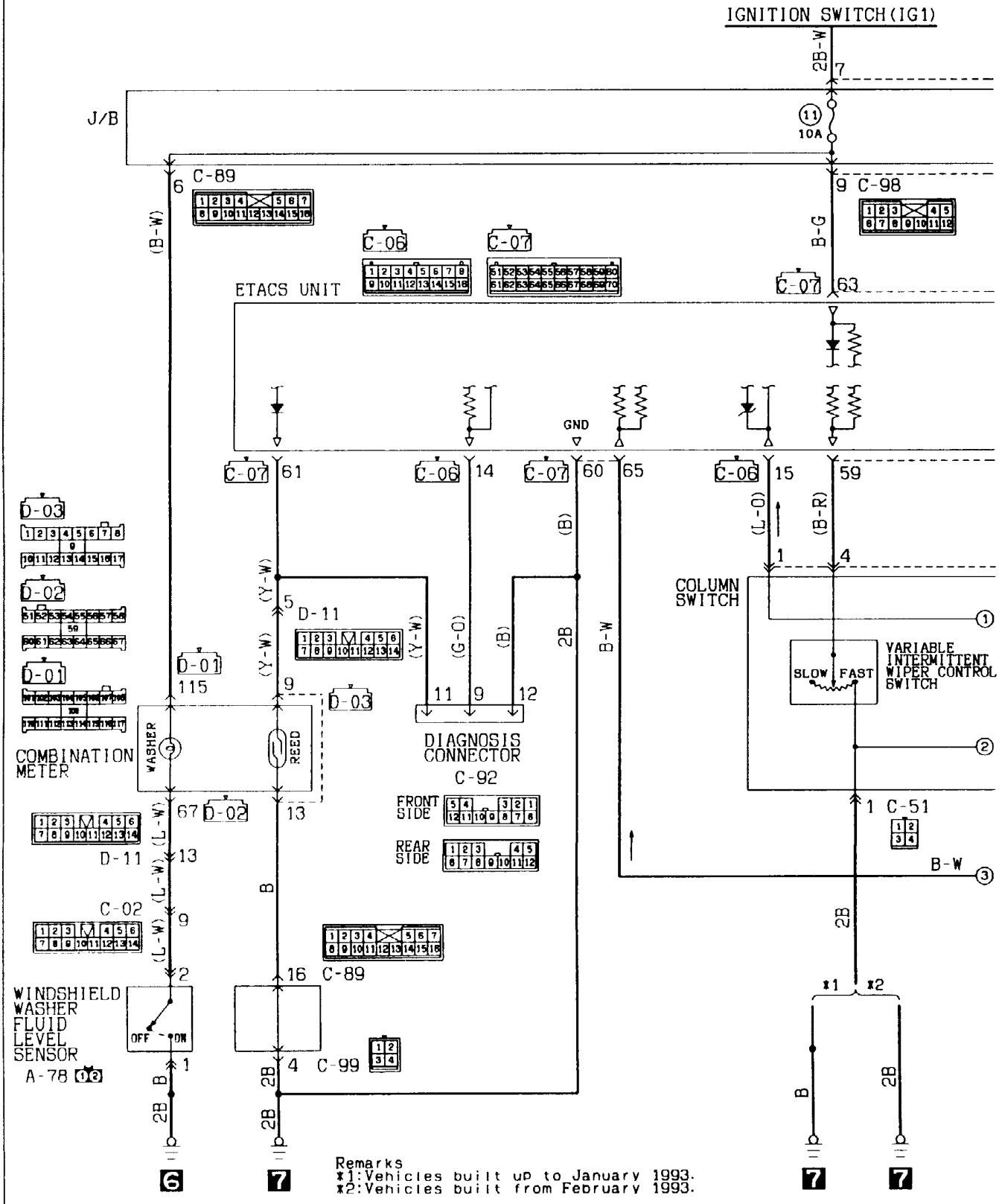
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WINDSHIELD WIPER AND WASHER

R.H. drive vehicles with Theft-Alarm system



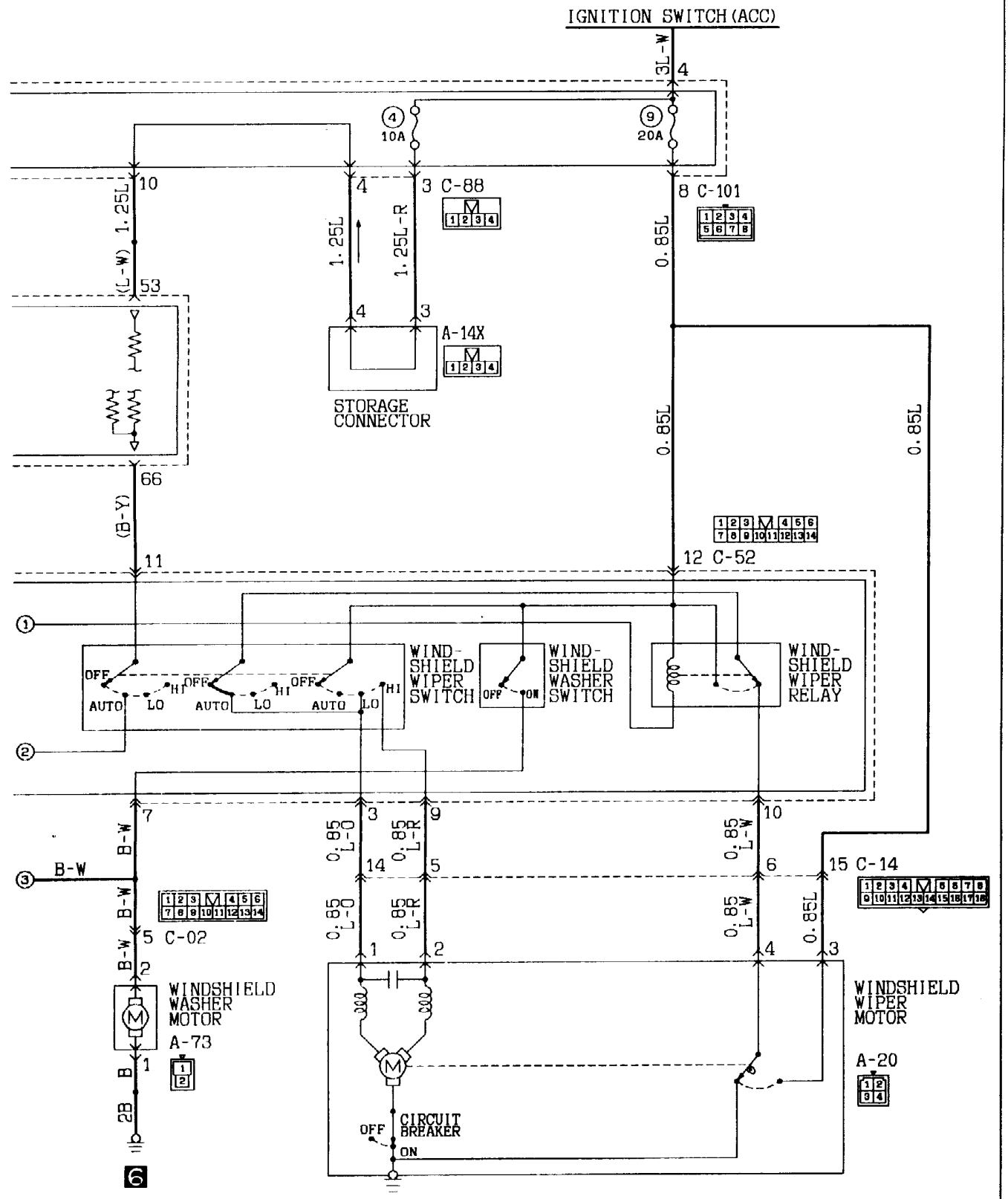
Remarks
*1: Vehicles built up to January 1993.
*2: Vehicles built from February 1993.

Wire colour code

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

KX35-AC-J1326-EC

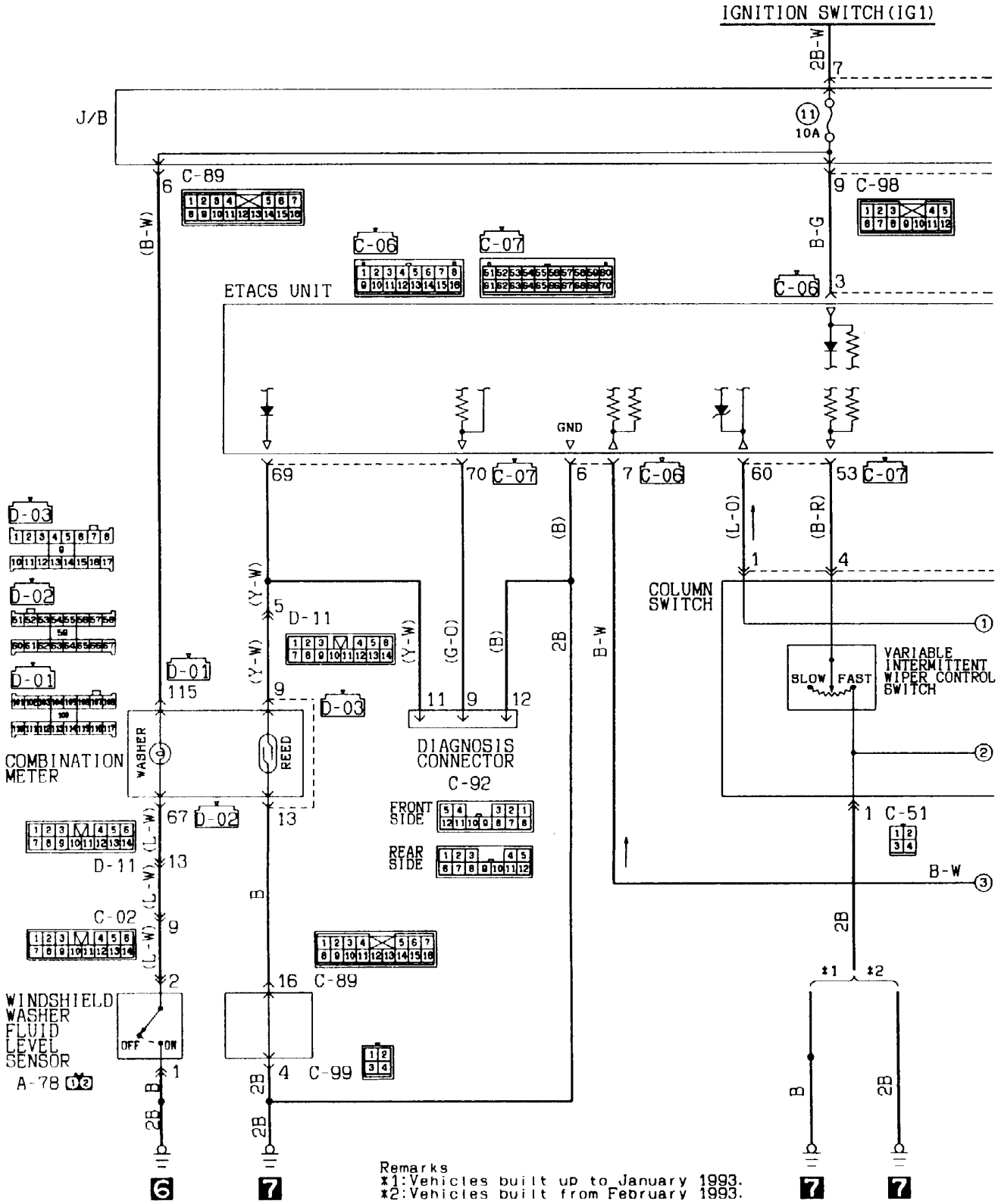
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WINDSHIELD WIPER AND WASHER

R.H. drive vehicles without Theft-Alarm system

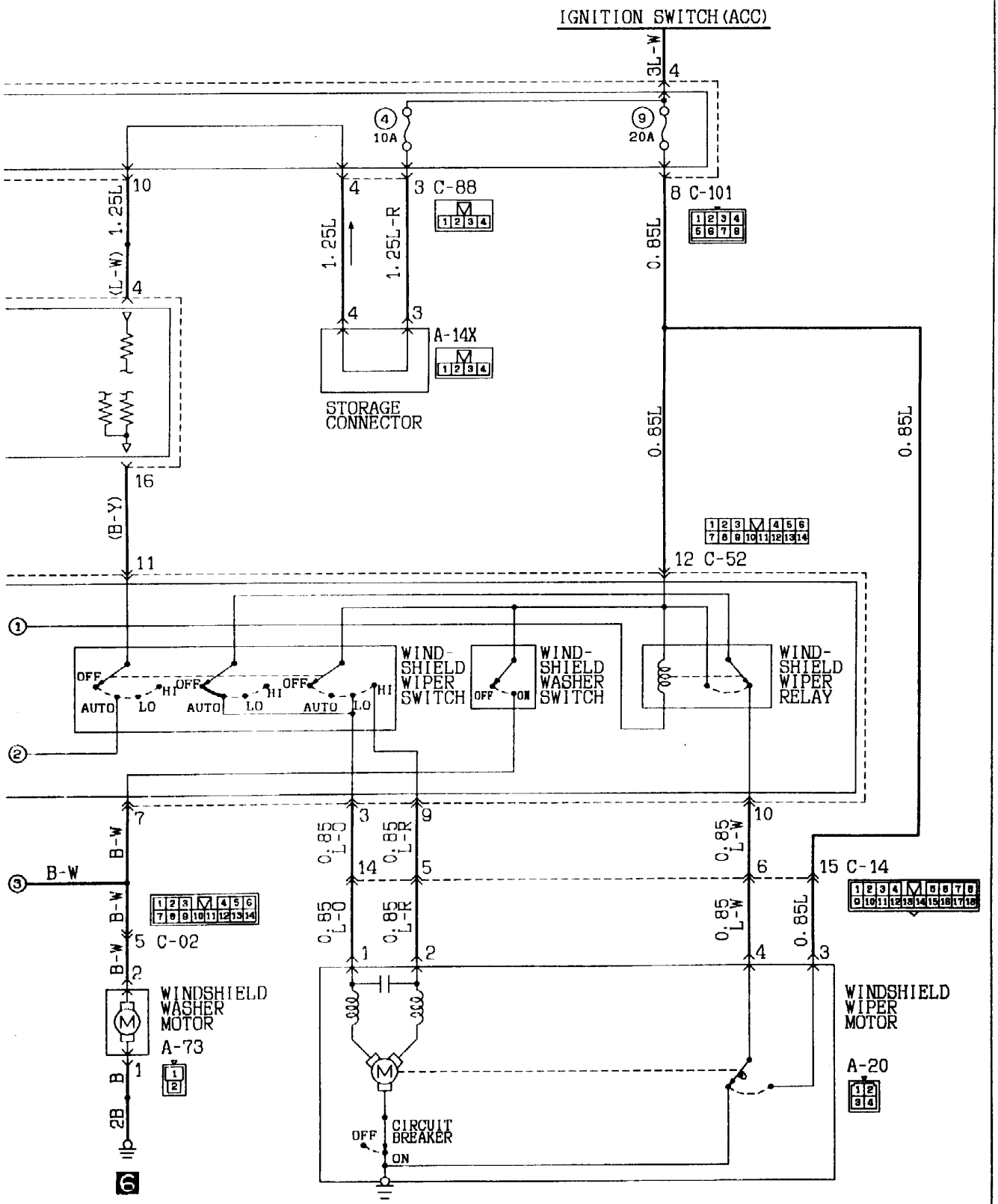


Remarks
*1: Vehicles built up to January 1993.
*2: Vehicles built from February 1993.

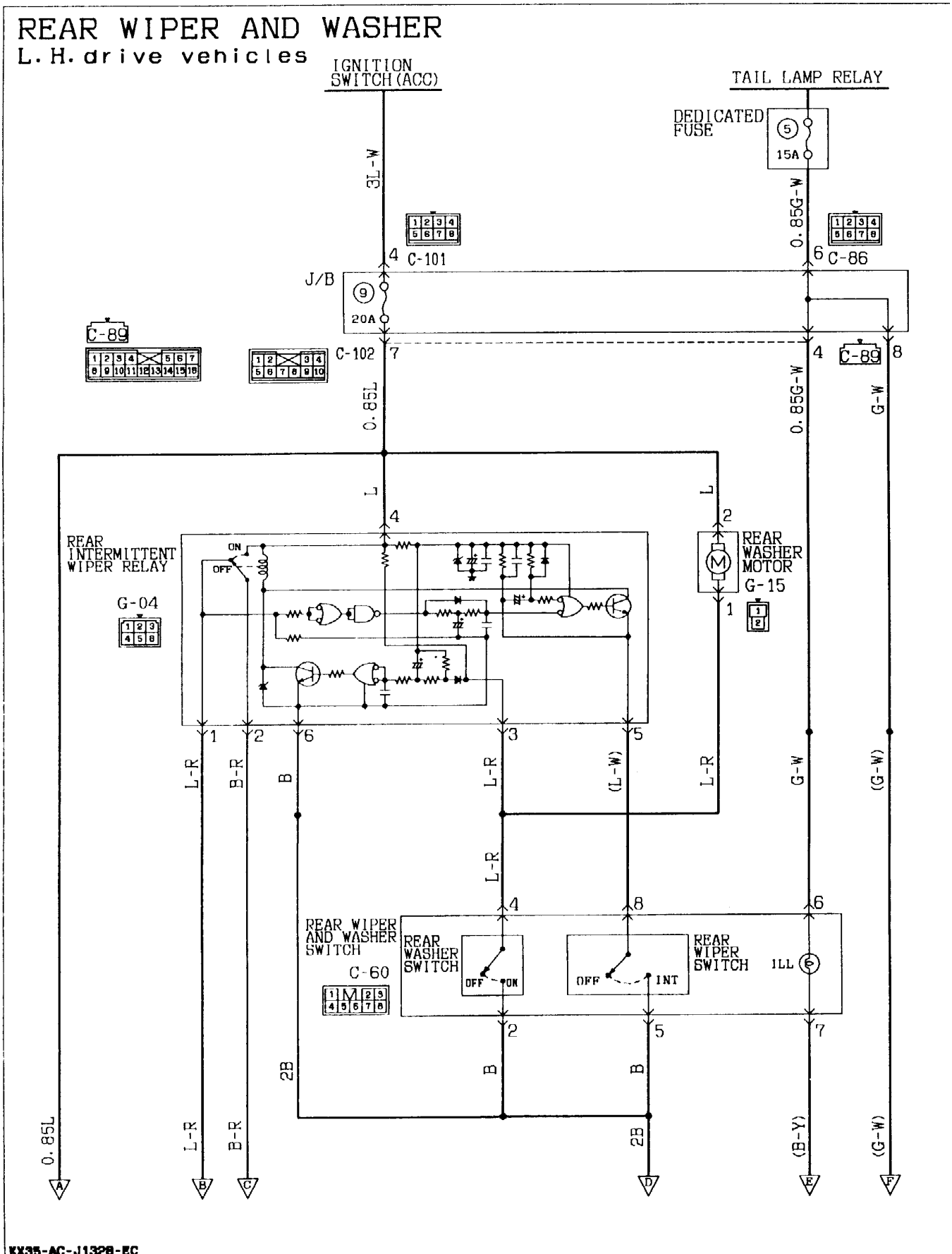
Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-J1327-EC

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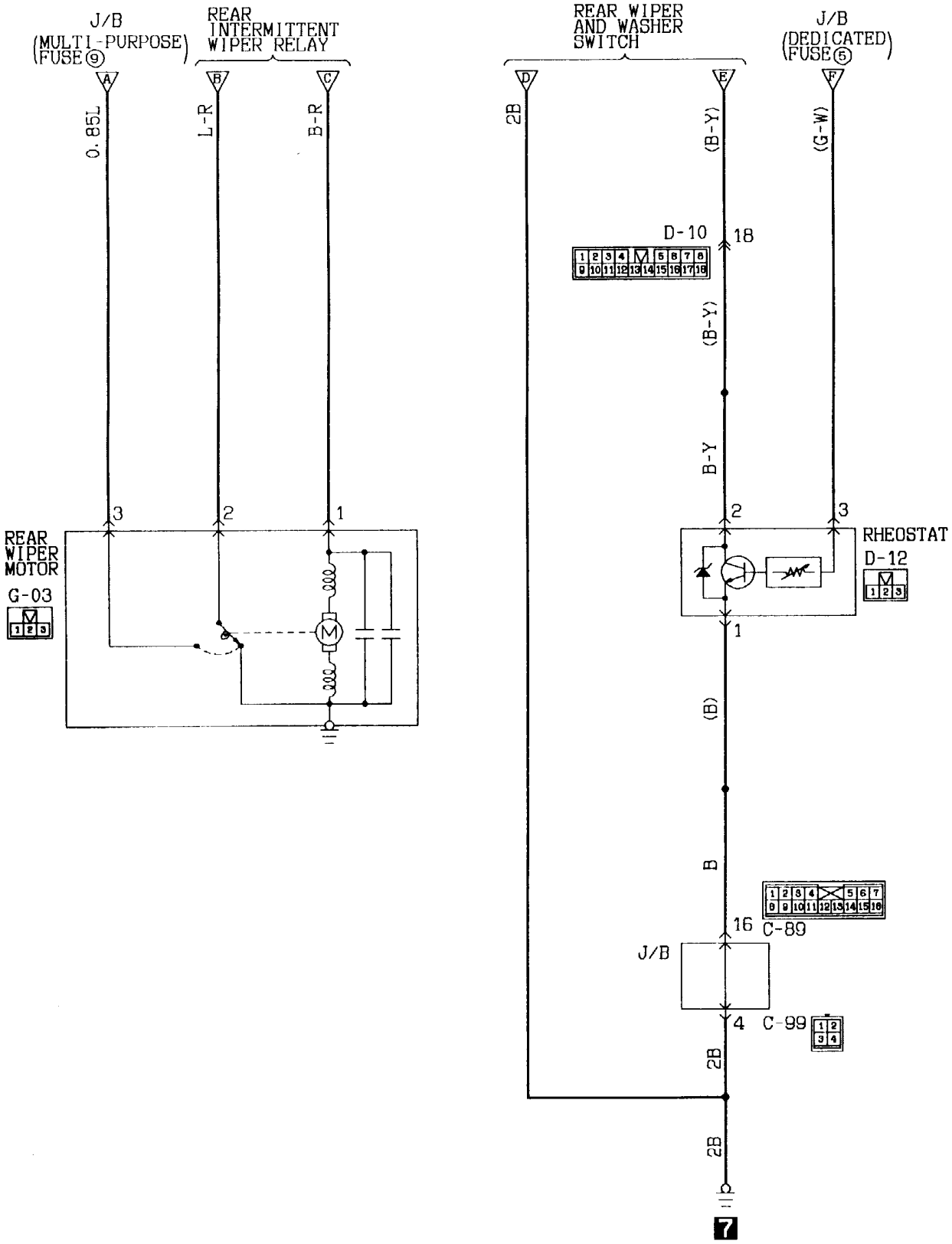


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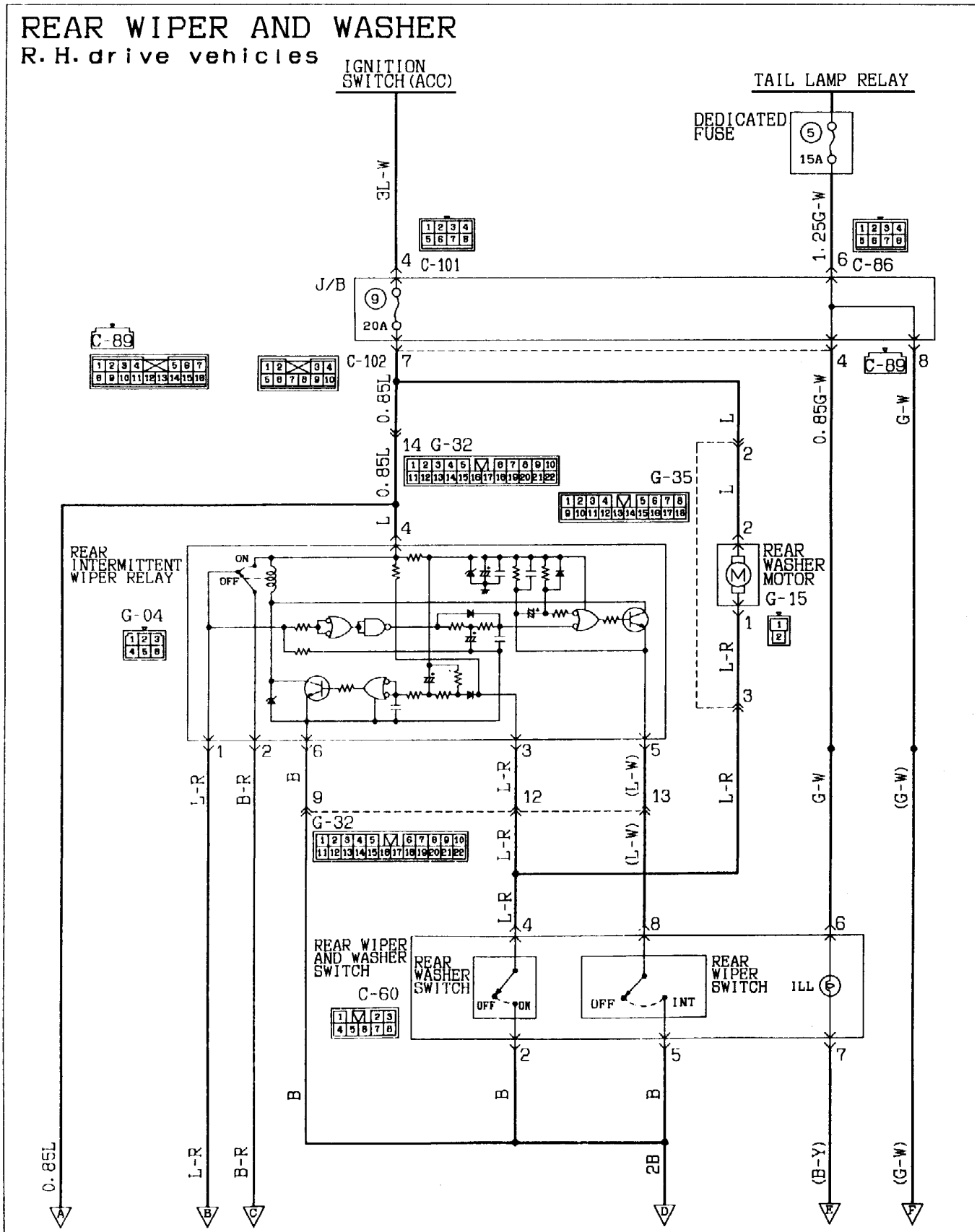
XX35-AC-J1328-EC

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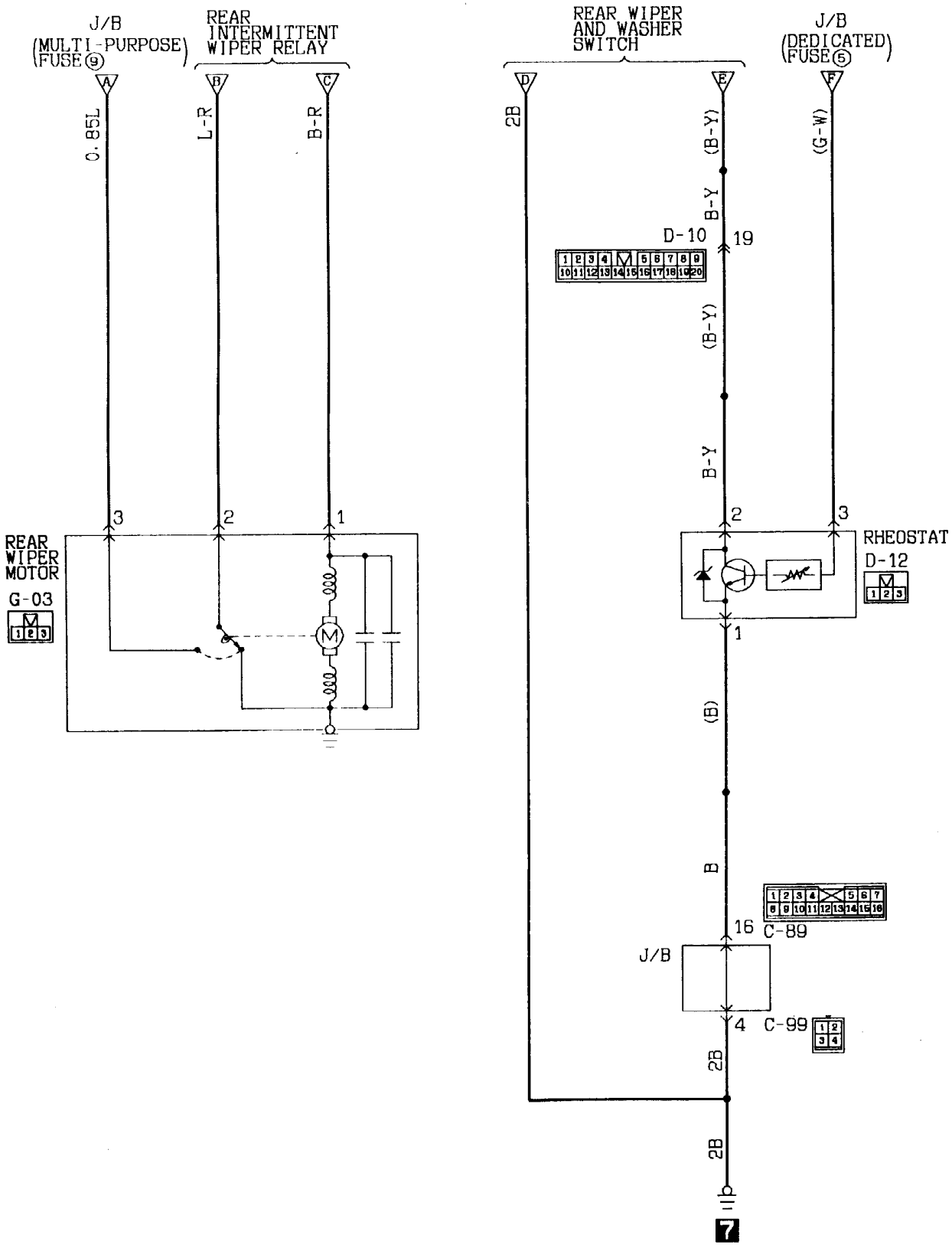
Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

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KX35-AC-J1329-EC

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

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REAR WIPER AND WASHER (See P. 4-262, 264.)

OPERATION

〈Intermittent wiper operation〉

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

〈Washer-Wiper operation〉

- When the washer switch is turned ON, the intermittent wiper relay contacts close causing wipers to operate once.

Remark

- The washer-wiper operates in the priority even during intermittent operation of the wiper.

TROUBLESHOOTING HINTS

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

Terminal No.	Voltage	Check
2	0V	Intermittent wiper relay or wiper switch
	System voltage	Intermittent wiper relay
	0V ⟷ System voltage (alternating)	— (Normal)

3. Wipers do not stop.
   - Check wiper motor.
   - Check rear intermittent wiper relay.
   - Check rear wiper switch.
4. Washer is inoperative.
   1) Wiper is operative on washer-wiper operation.
      - Check washer motor.
   2) Washer-wiper operation is inoperative also.
      - Check washer switch.
5. Washer-wiper operation is inoperative.
   - Check rear intermittent wiper relay.

HEADLAMP WASHER (See P. 4-267, 268.)

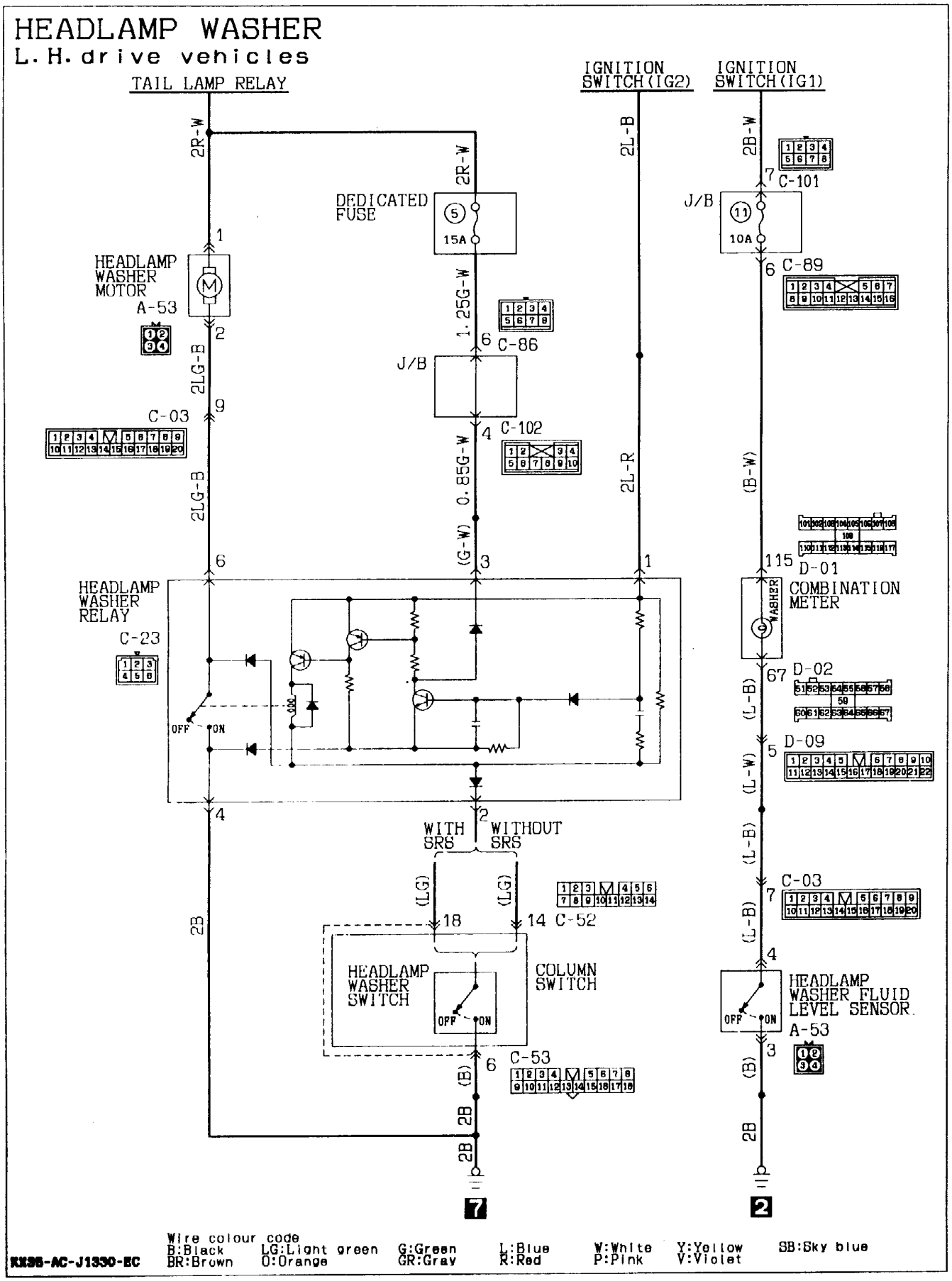
OPERATION

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

〈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.

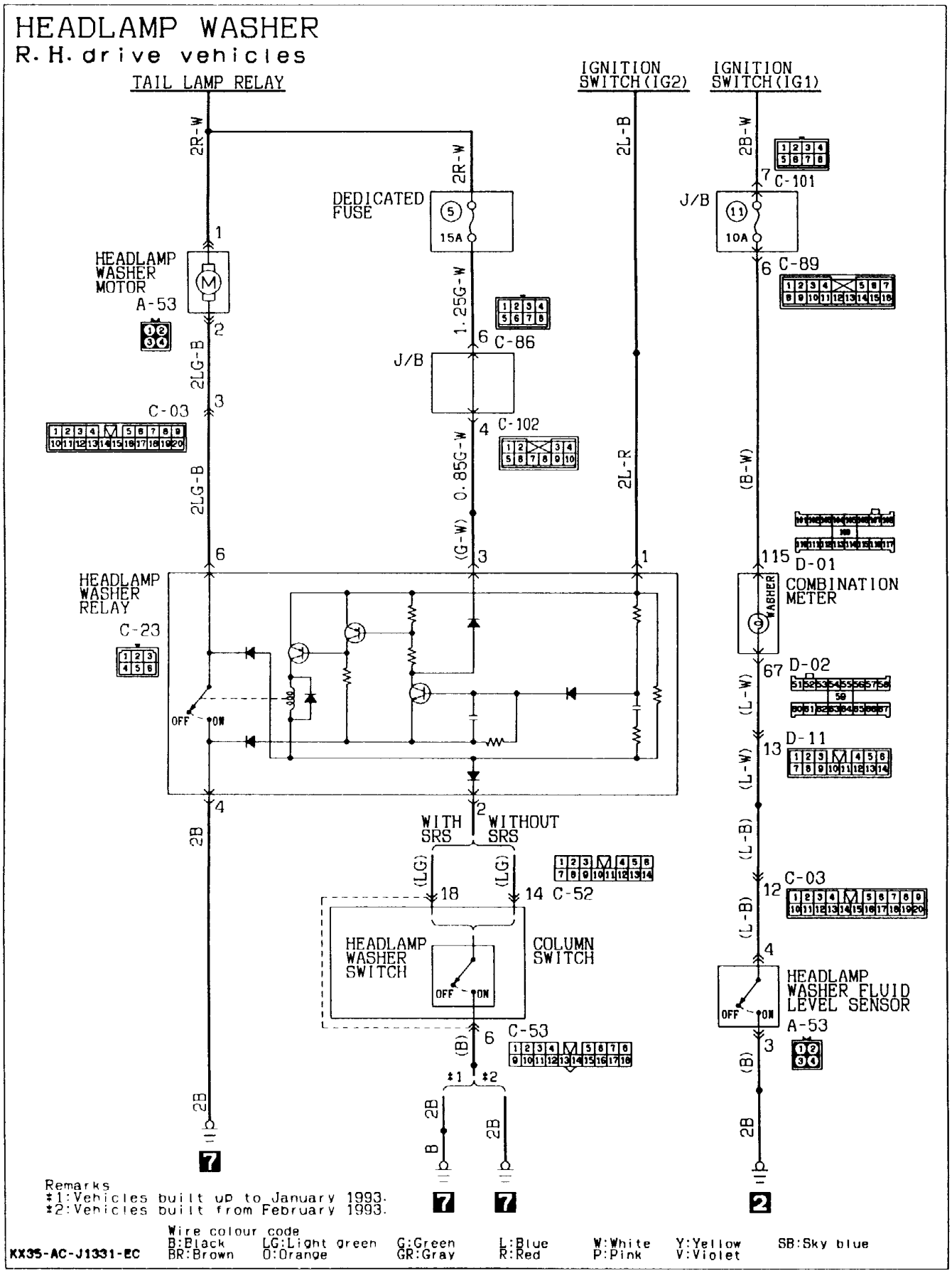
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Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX36-AC-J1330-EC

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DEFOGGER AND DOOR MIRROR HEATER (See P. 4-270, 273.)

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.

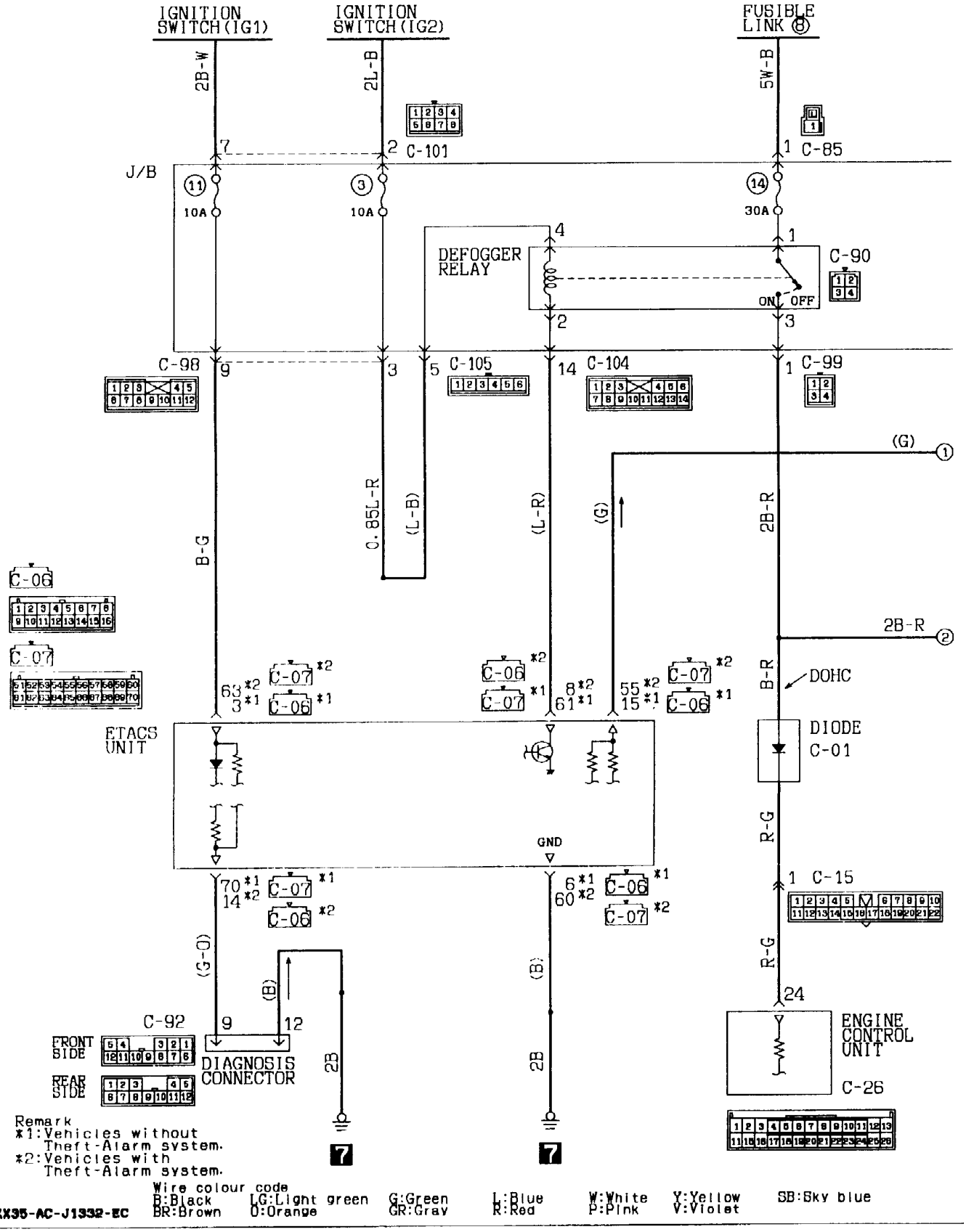
TROUBLESHOOTING HINTS

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.

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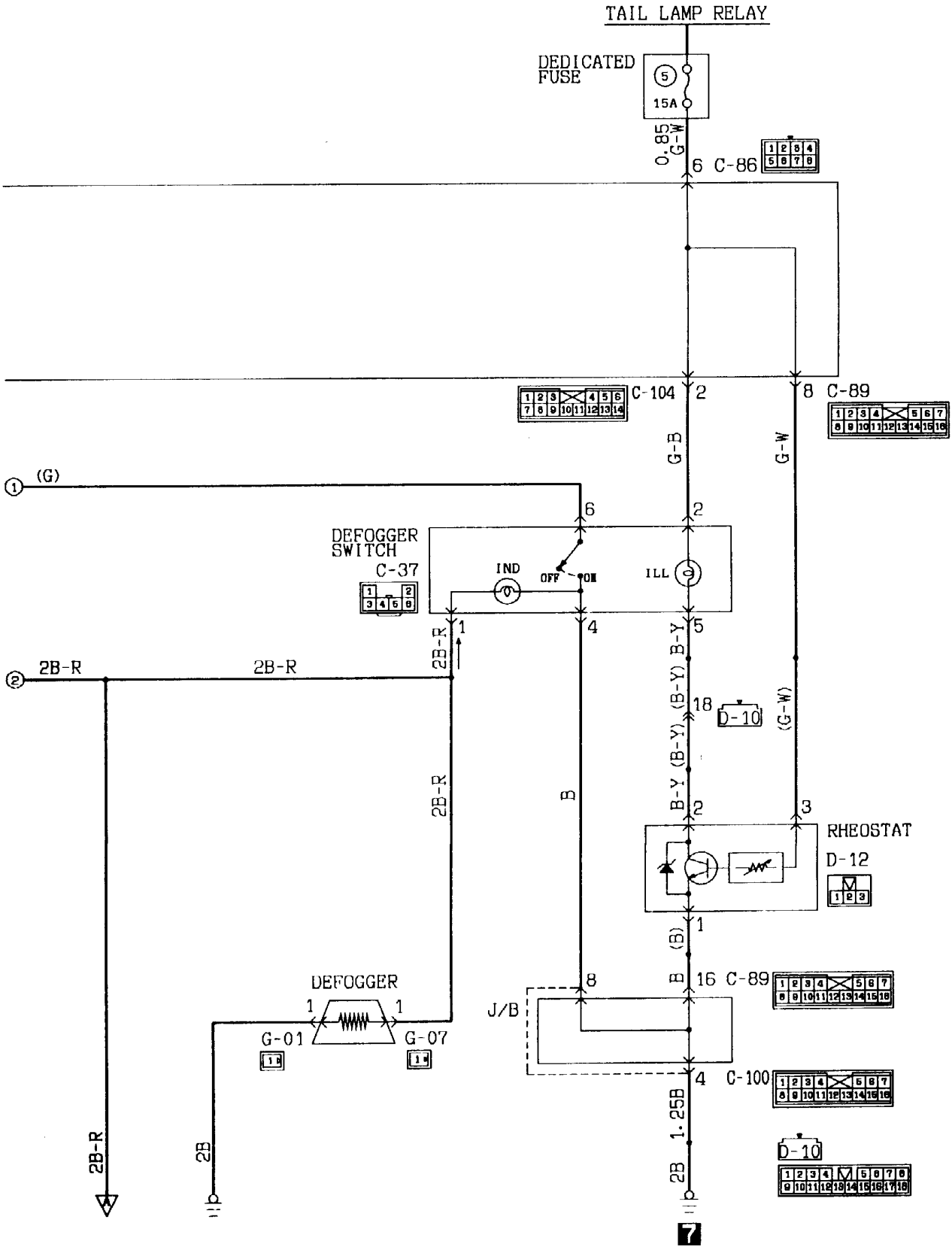
DEFOGGER AND DOOR MIRROR HEATER

L.H. drive vehicles

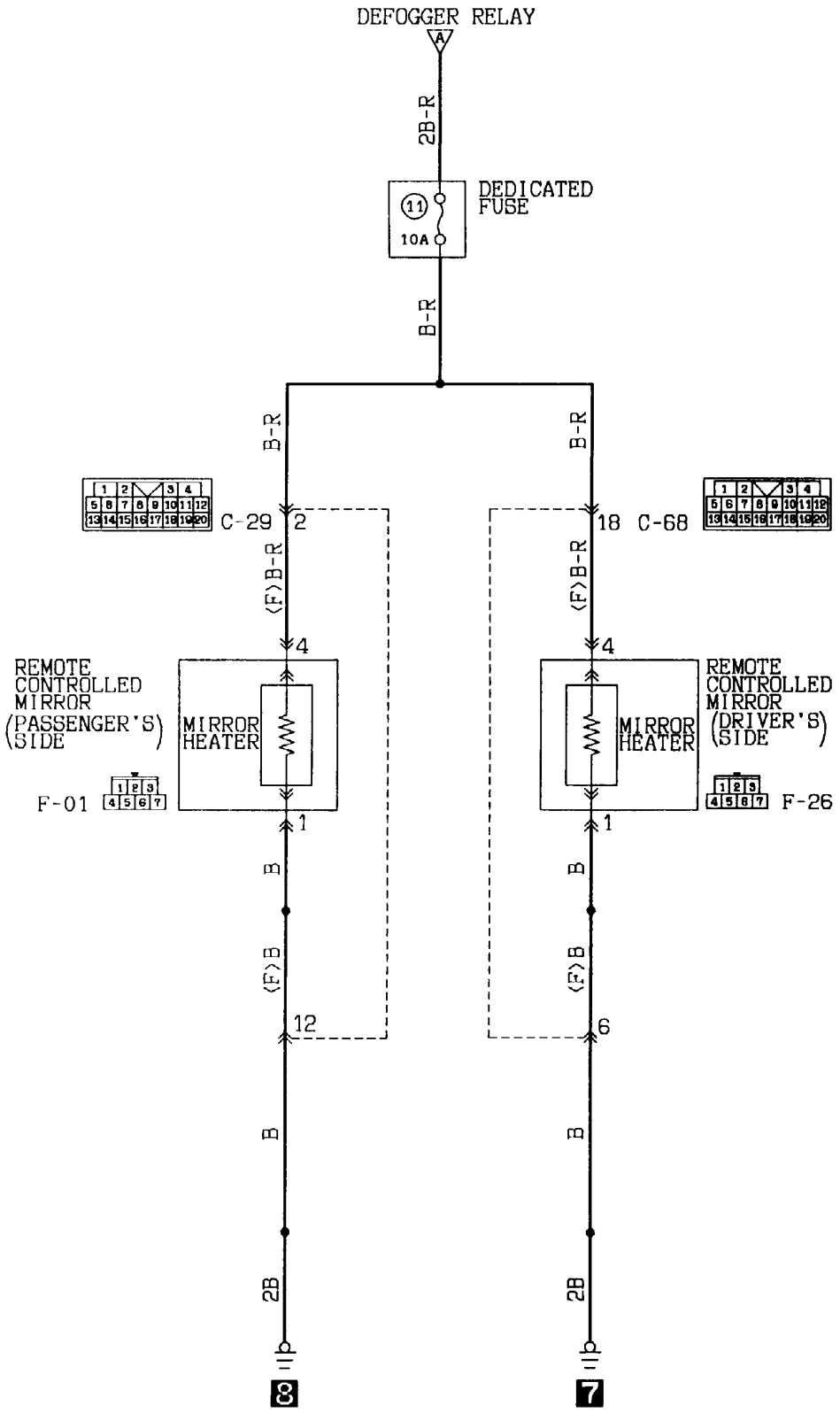


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Wire colour code

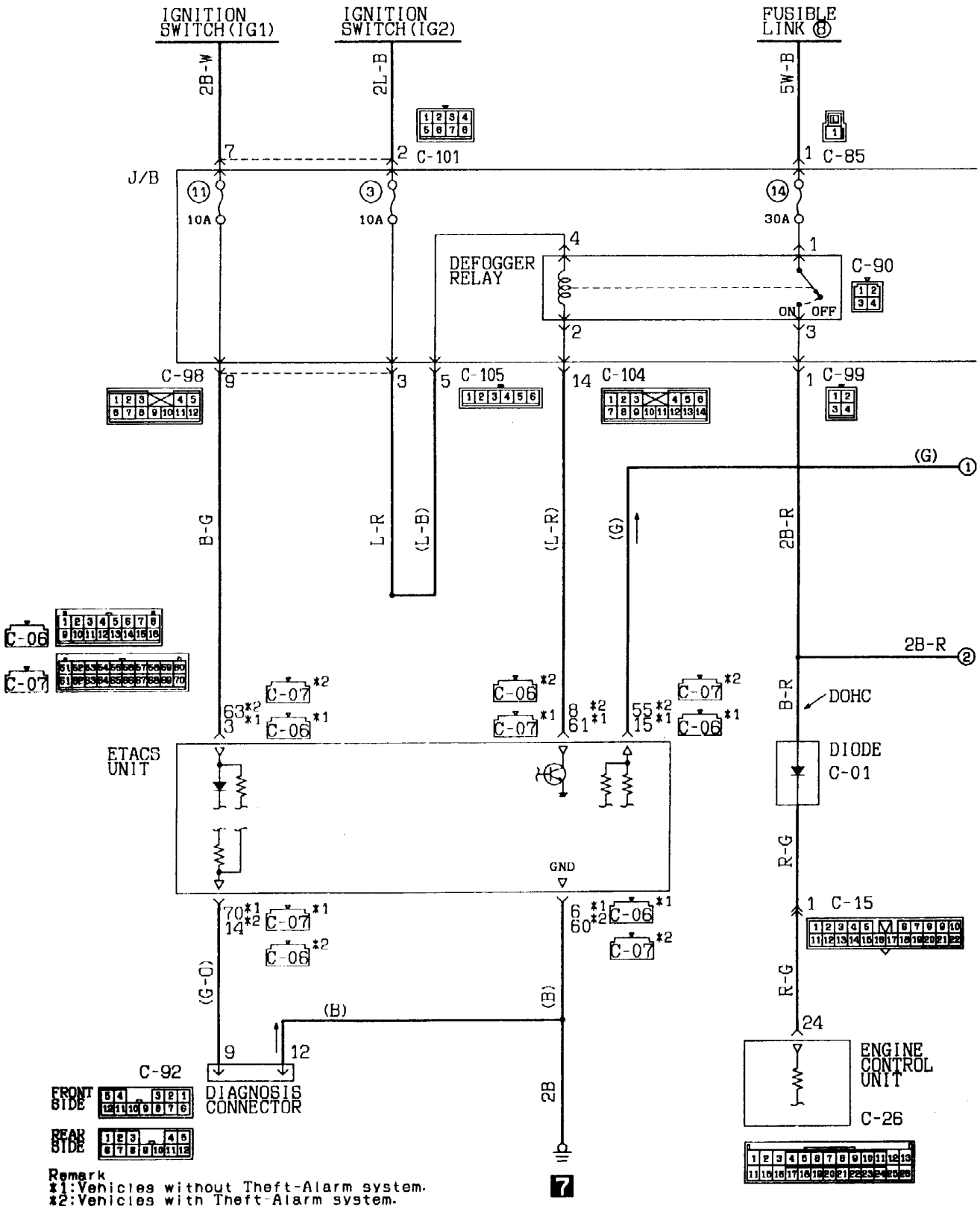
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue	
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		

KX35-AC-J1332A-EC

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DEFOGGER AND DOOR MIRROR HEATER

R.H. drive vehicles

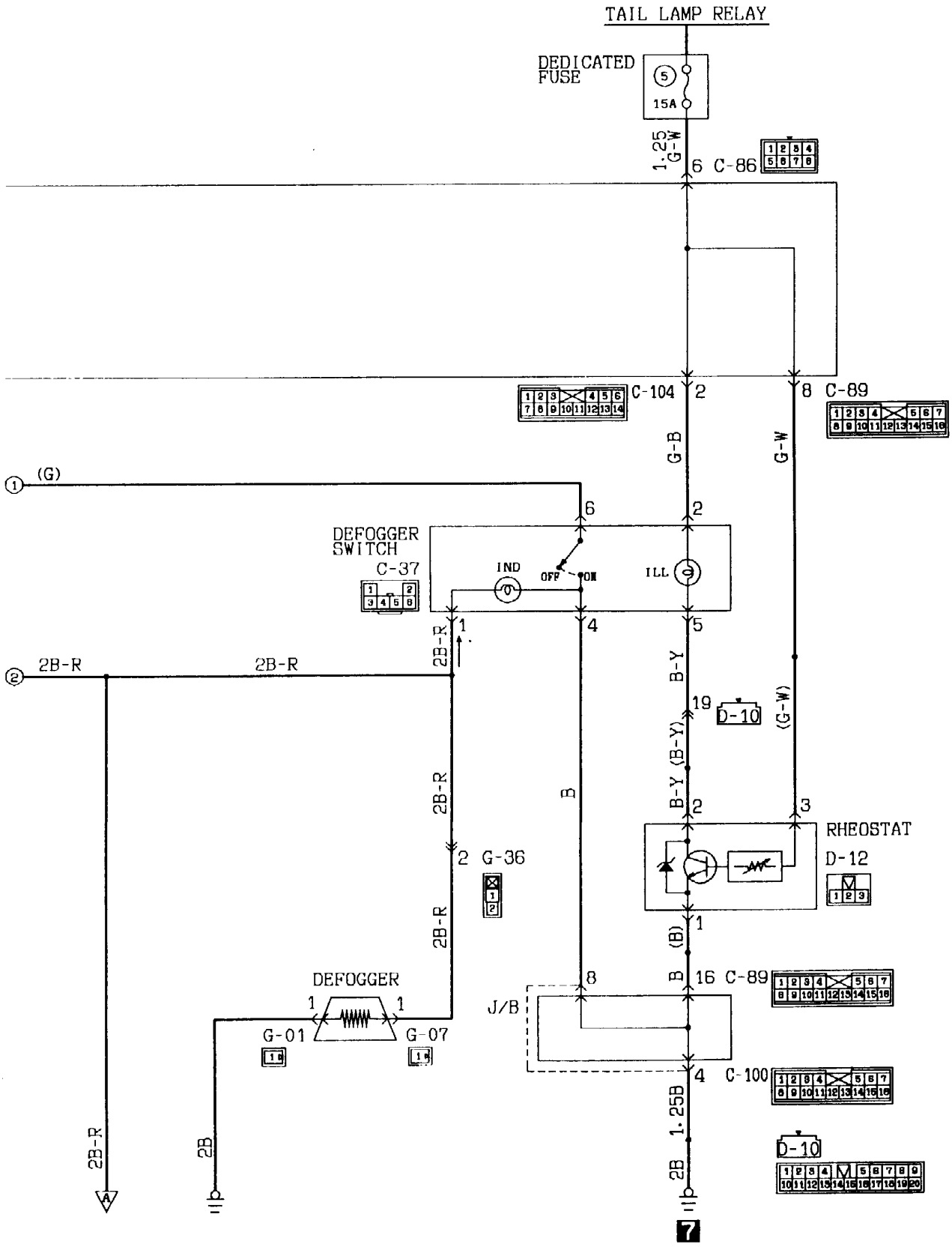


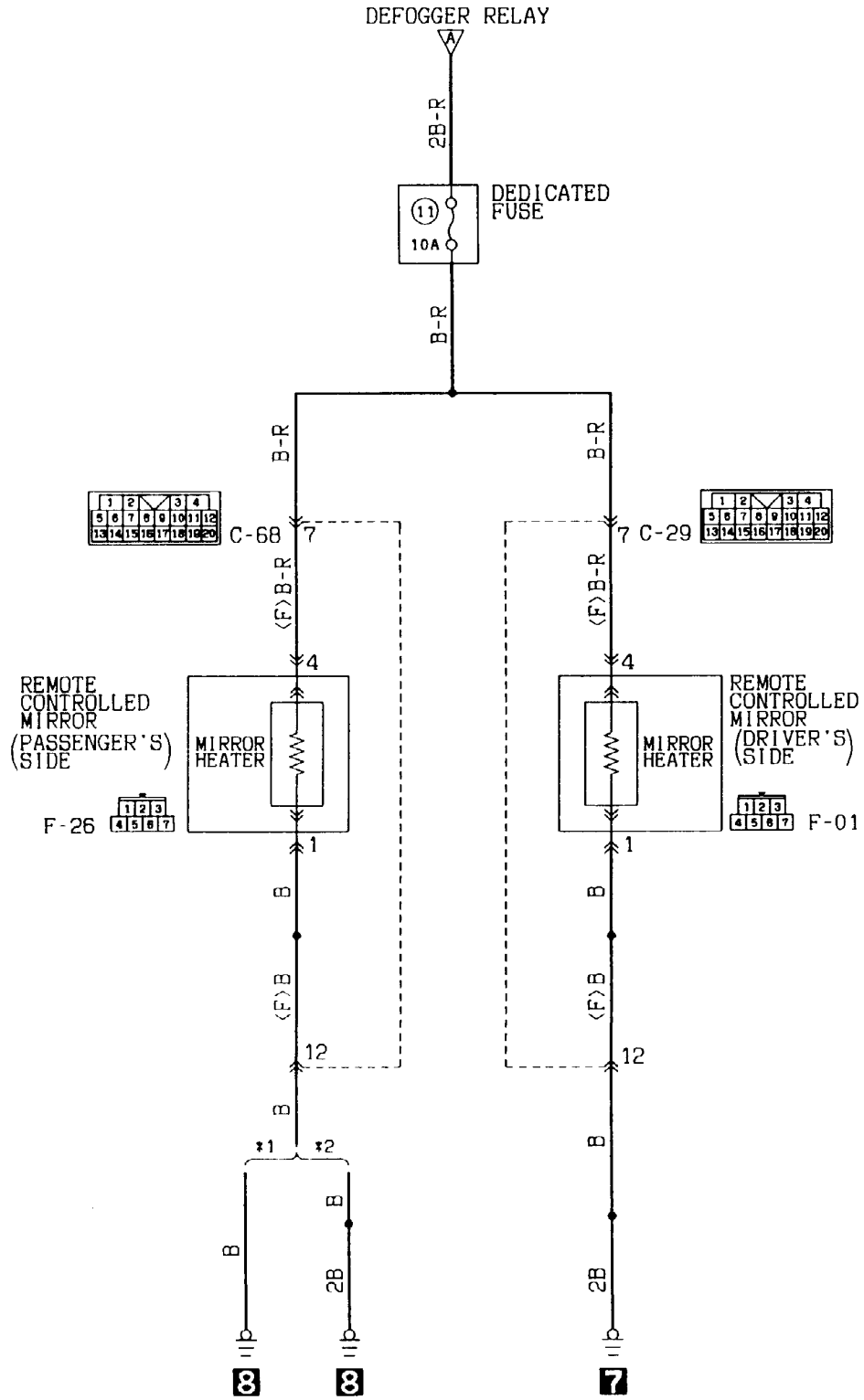
Remark
*1:Vehicles without Theft-Alarm system.
*2:Vehicles with Theft-Alarm system.

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

RX2B-AC-J1333-EC

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TAIL LAMP RELAY
DEDICATED FUSE
15A
1.25 G-W
6 C-86
C-104
2
8 C-89
G-B
G-W
(G)
DEFOGGER SWITCH
C-37
IND
OFF
ON
ILL
2B-R
2B-R
B-Y
19 D-10
(G-W)
B-Y (B-Y)
B
RHEOSTAT
D-12
2 G-36
(B)
DEFOGGER
G-01
G-07
J/B
16 C-89
C-100
1.25B
D-10
2B
7



Remarks
*1:Vehicles built up to January 1993.
*2:Vehicles built from February 1993.

Wire colour code

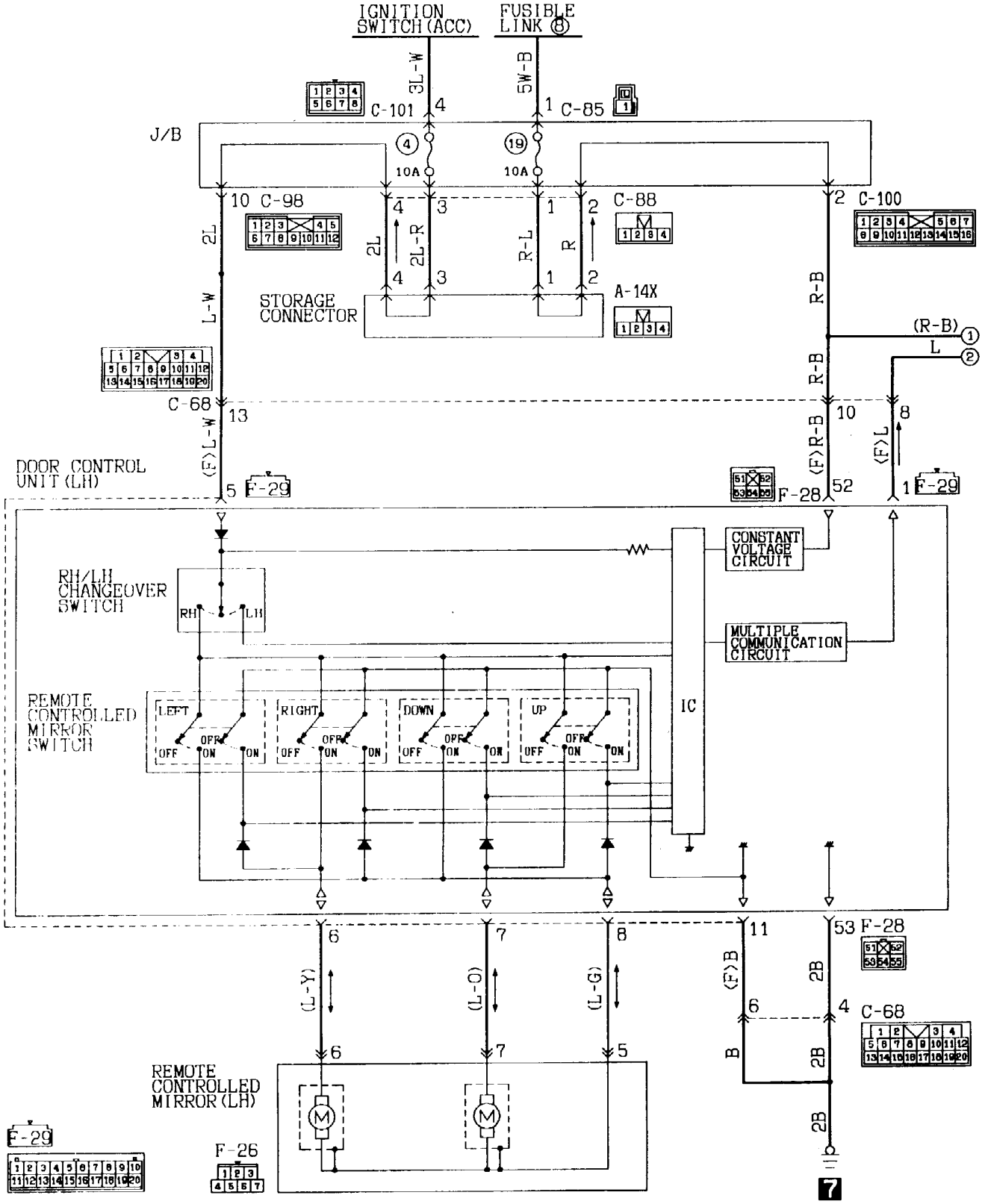
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue	
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		

KX35-AC-J1333A-EC

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REMOTE CONTROLLED MIRROR

L.H. drive vehicles

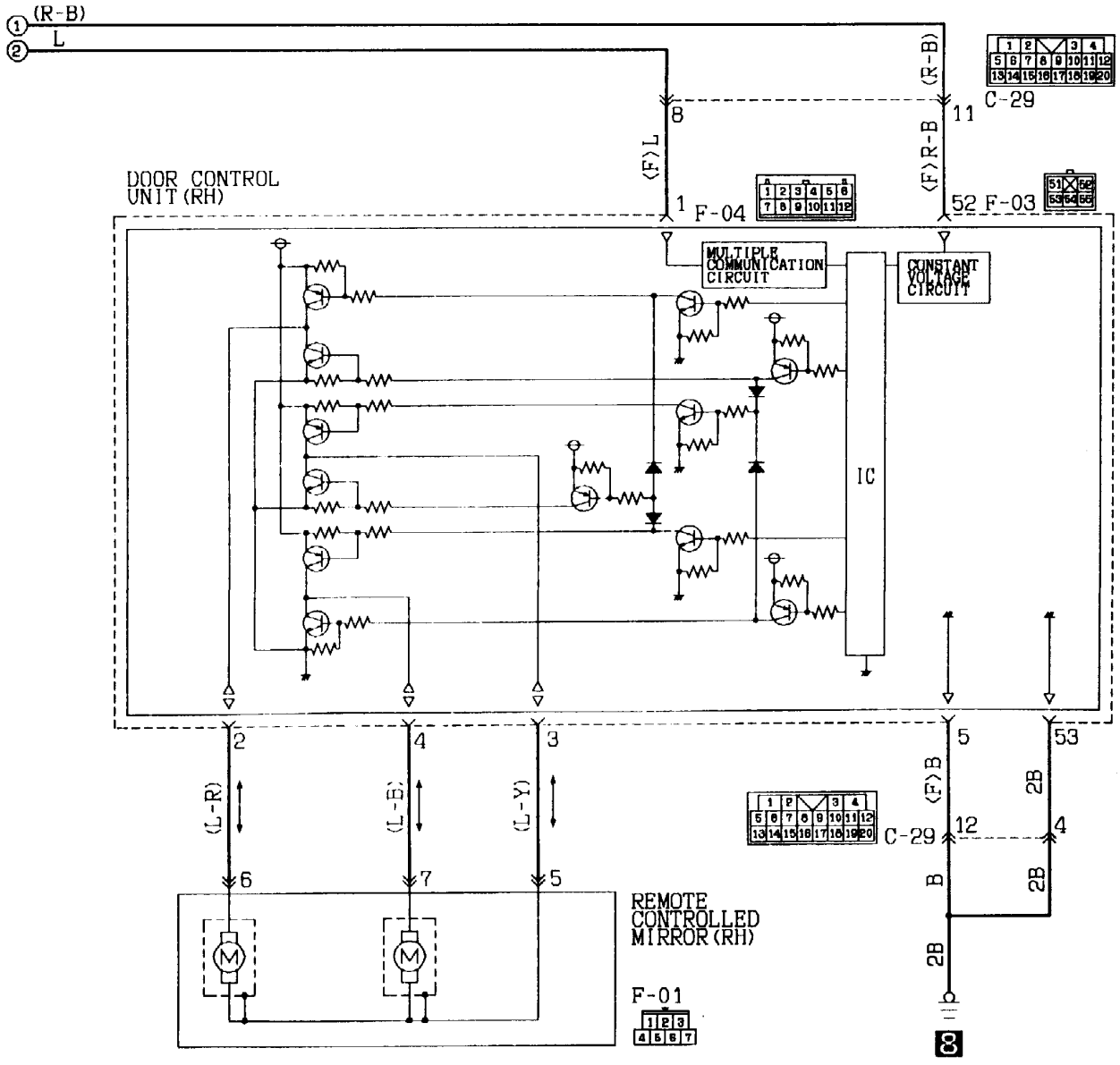


Wire colour code

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

RX35-AC-J1334-EC

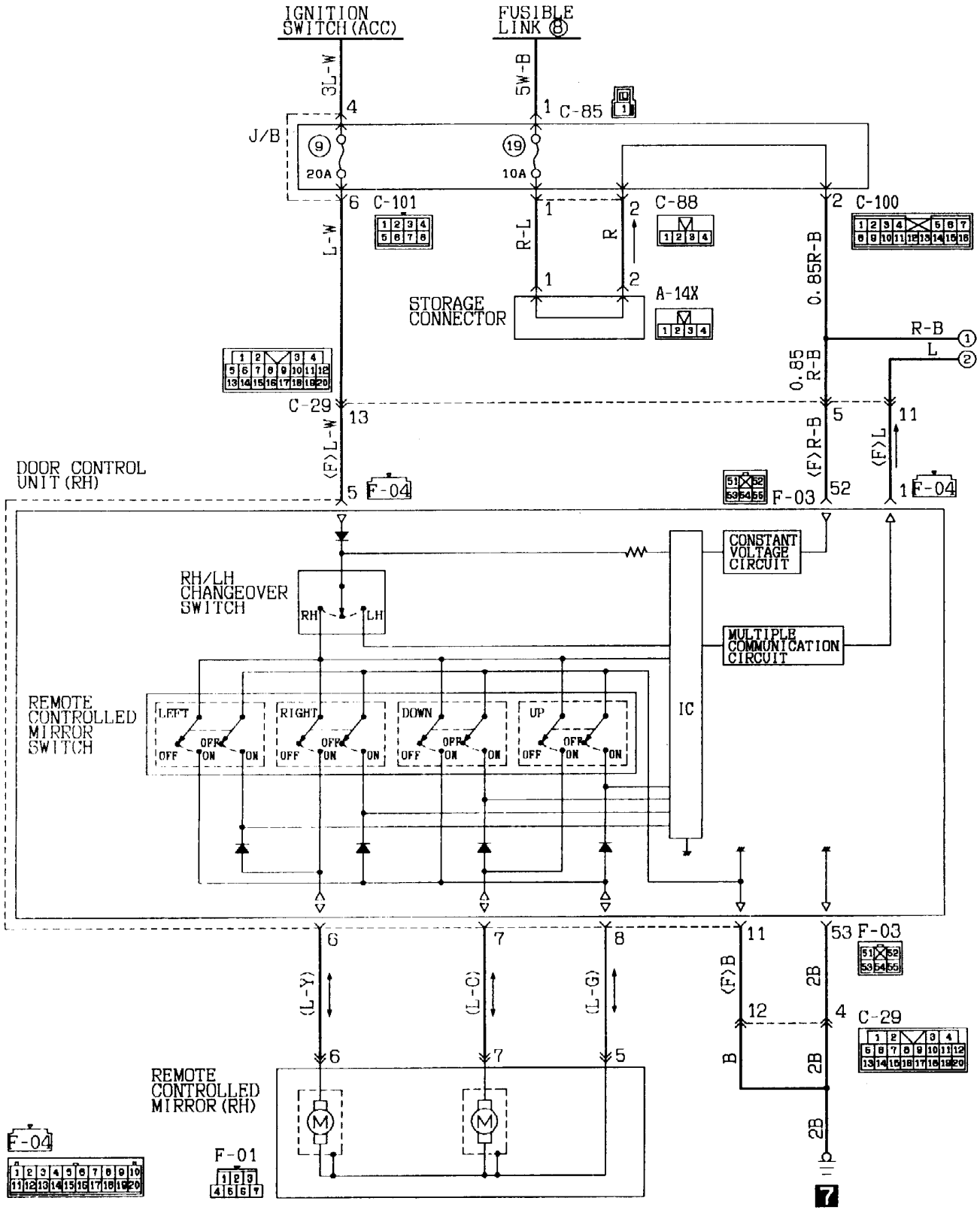
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REMOTE CONTROLLED MIRROR

R. H. drive vehicles

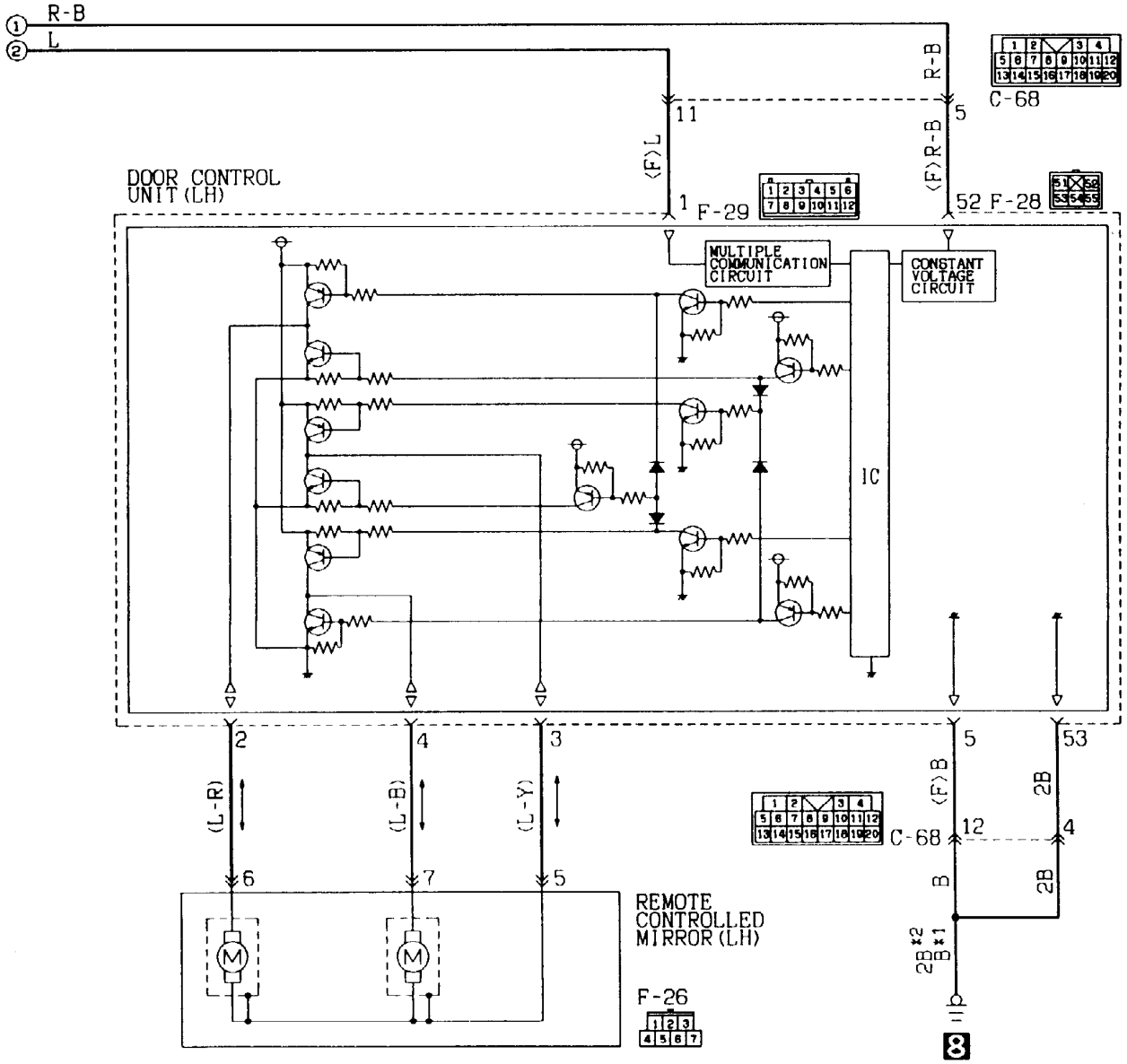


Wire colour code

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

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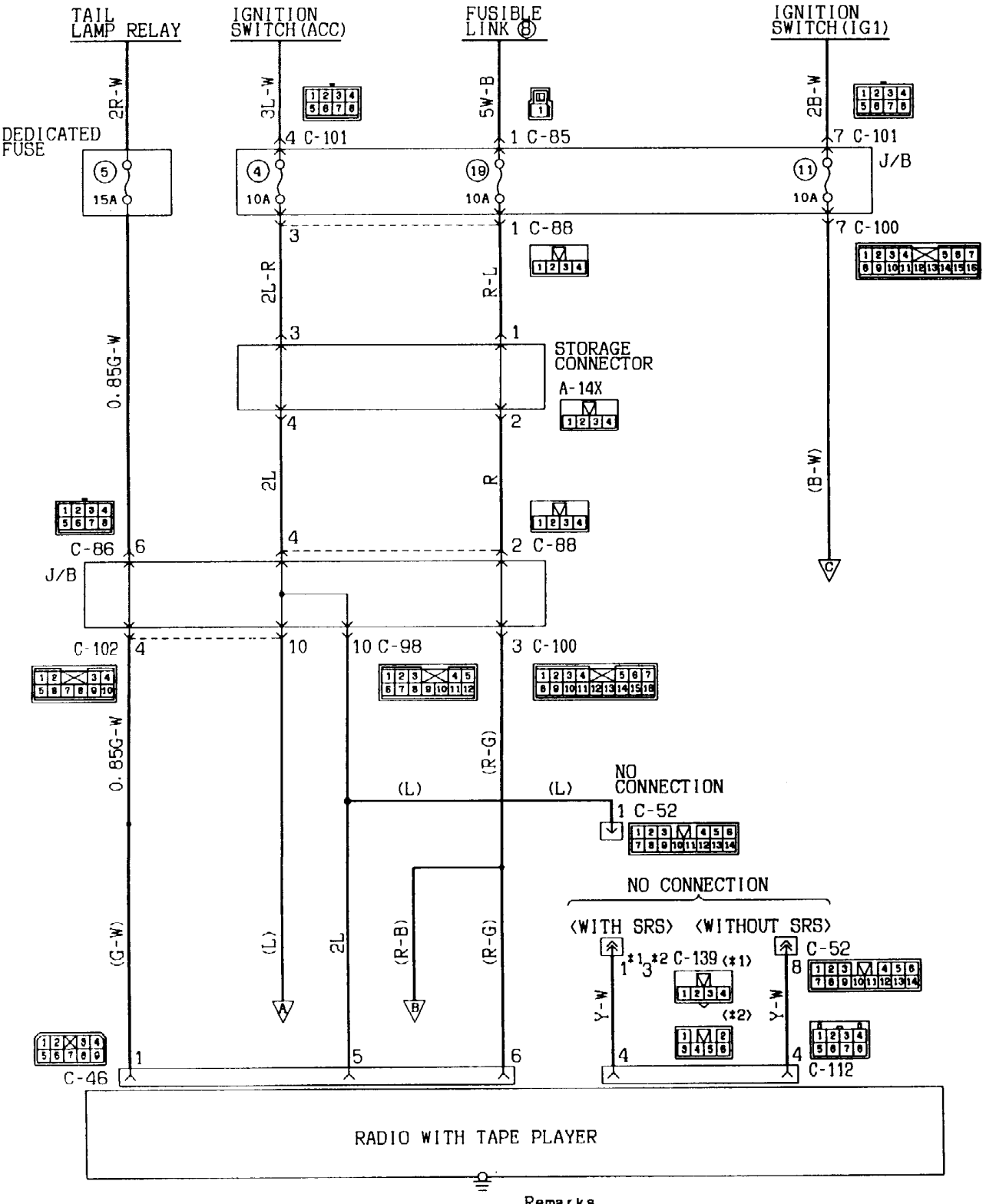


Remarks
*1:Vehicles built up to January 1993.
*2:Vehicles built from February 1993.

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RADIO AND TAPE PLAYER

L.H. drive vehicles

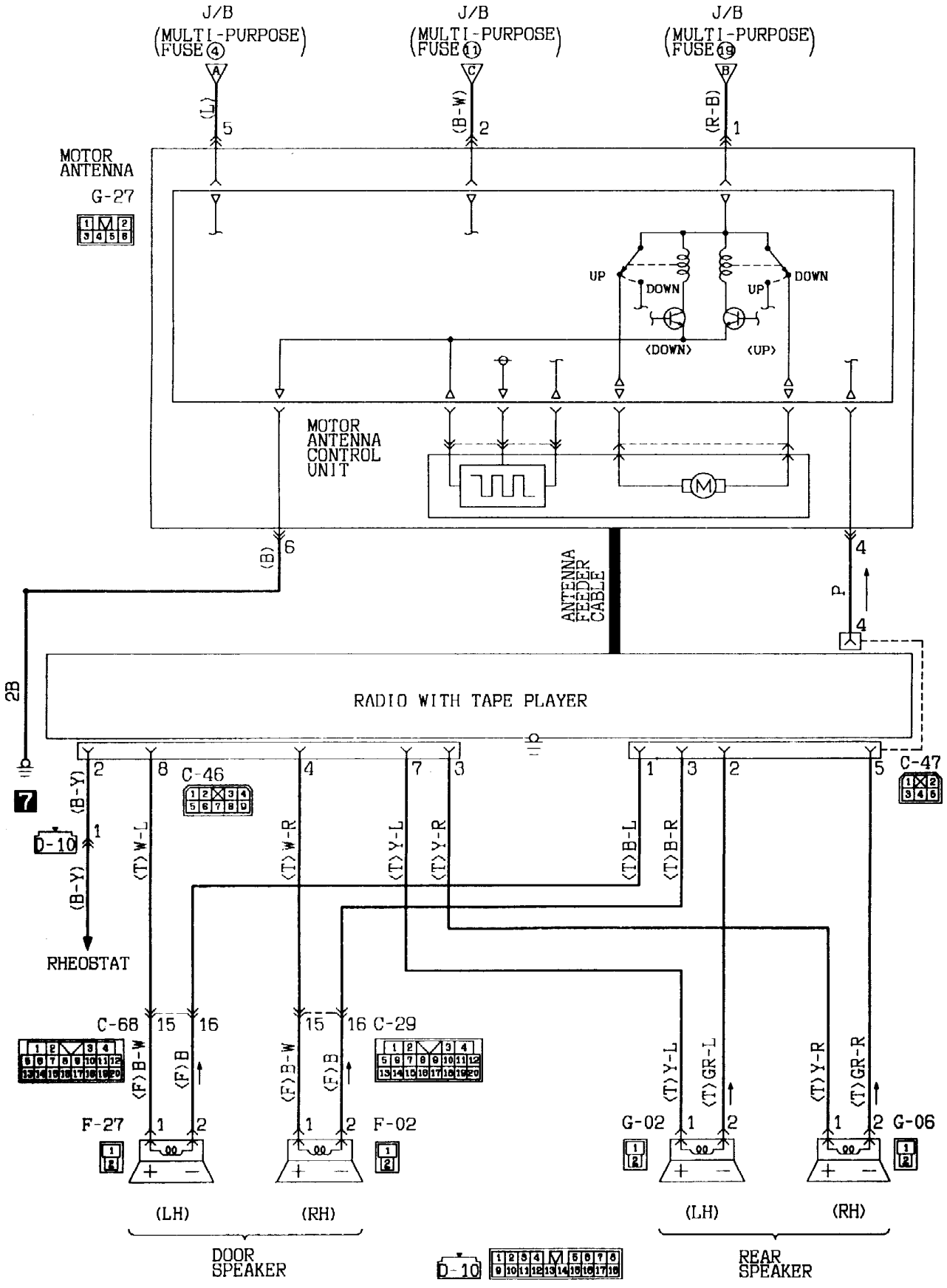


Remarks
*1:Vehicles without front passenger air bag.
*2:Vehicles with front passenger air bag.

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

KX35-AC-J1416-EC

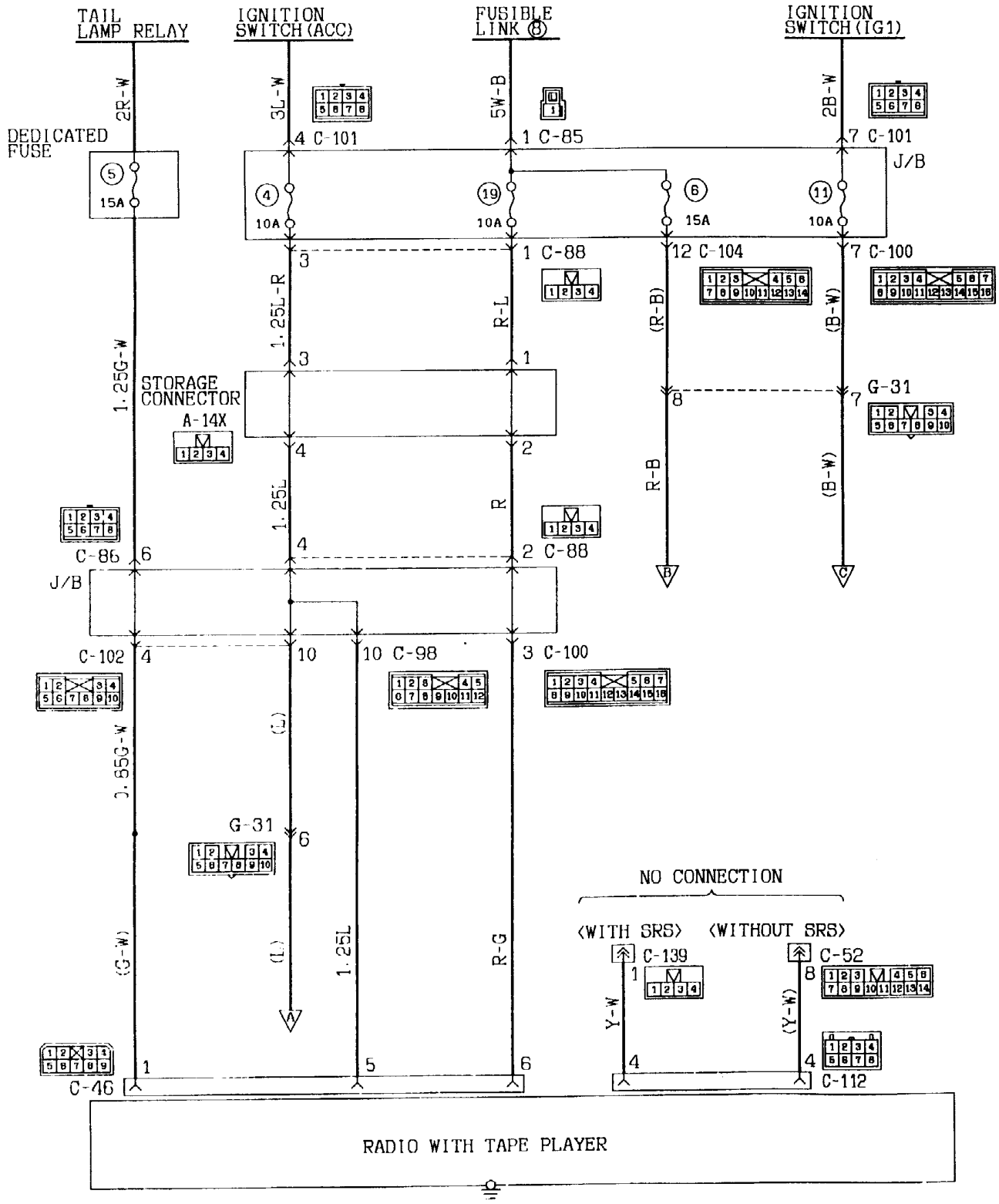
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RADIO AND TAPE PLAYER

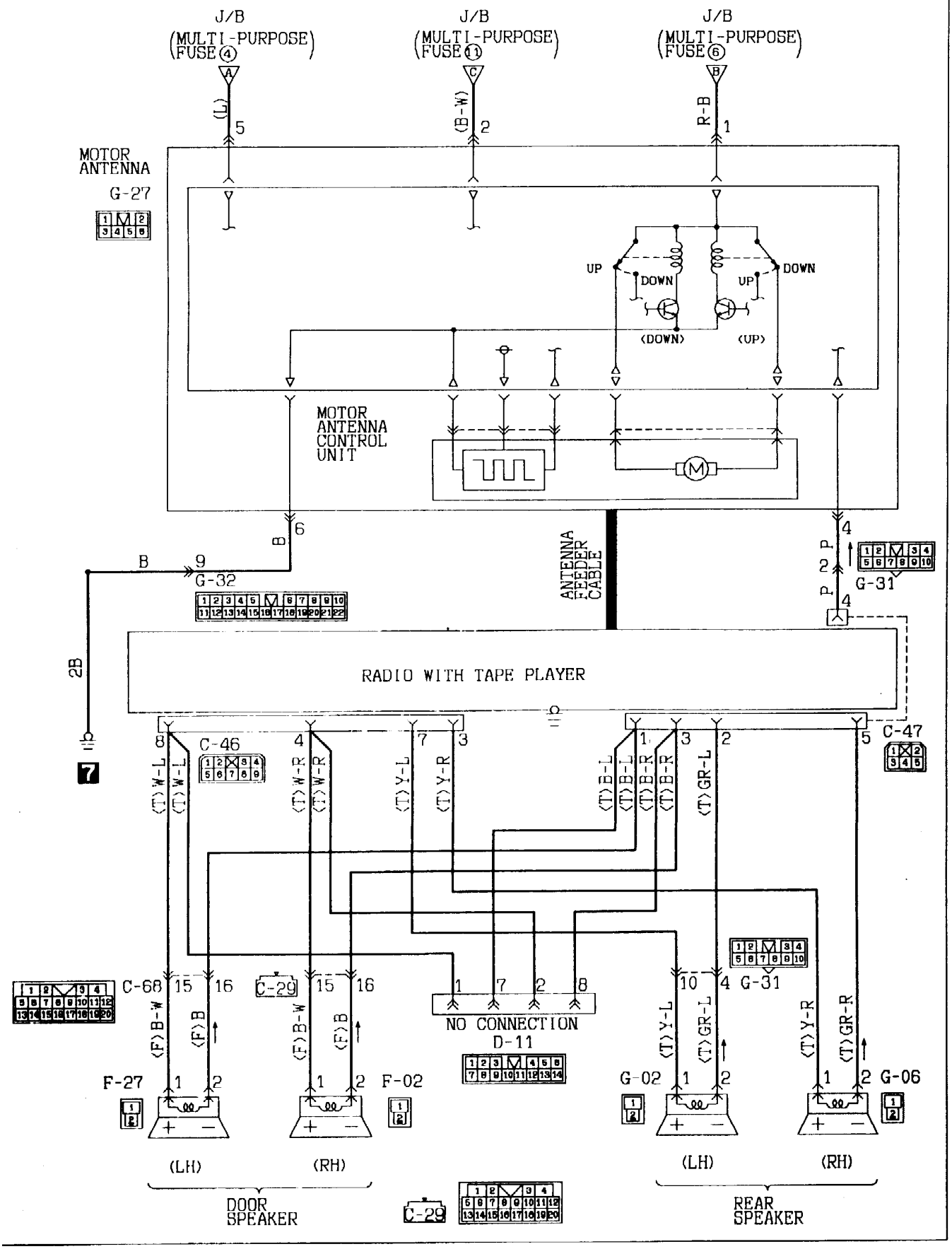
R.H. drive vehicles



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

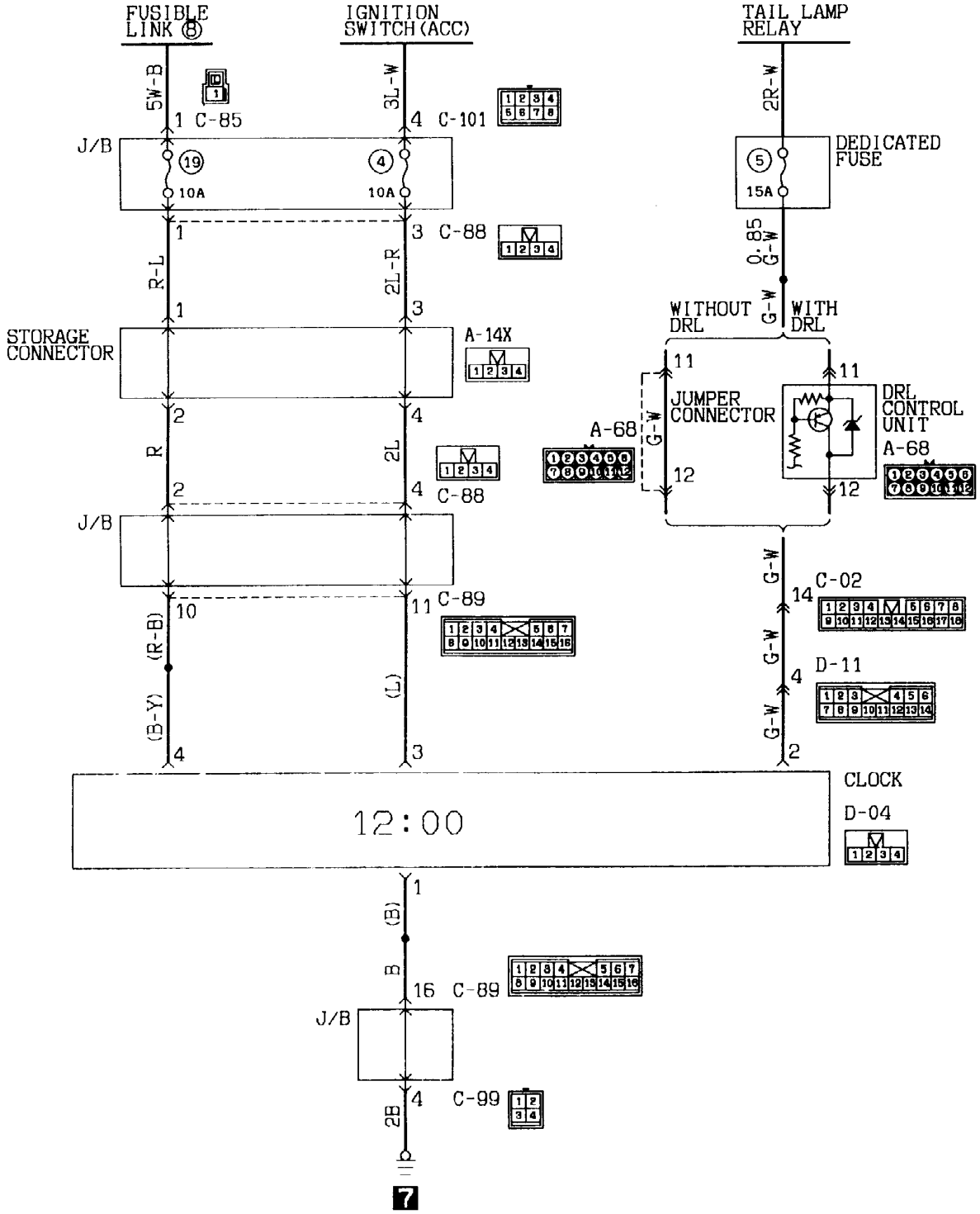
XX35-AC-J1417-EC

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CLOCK
L.H. drive vehicles

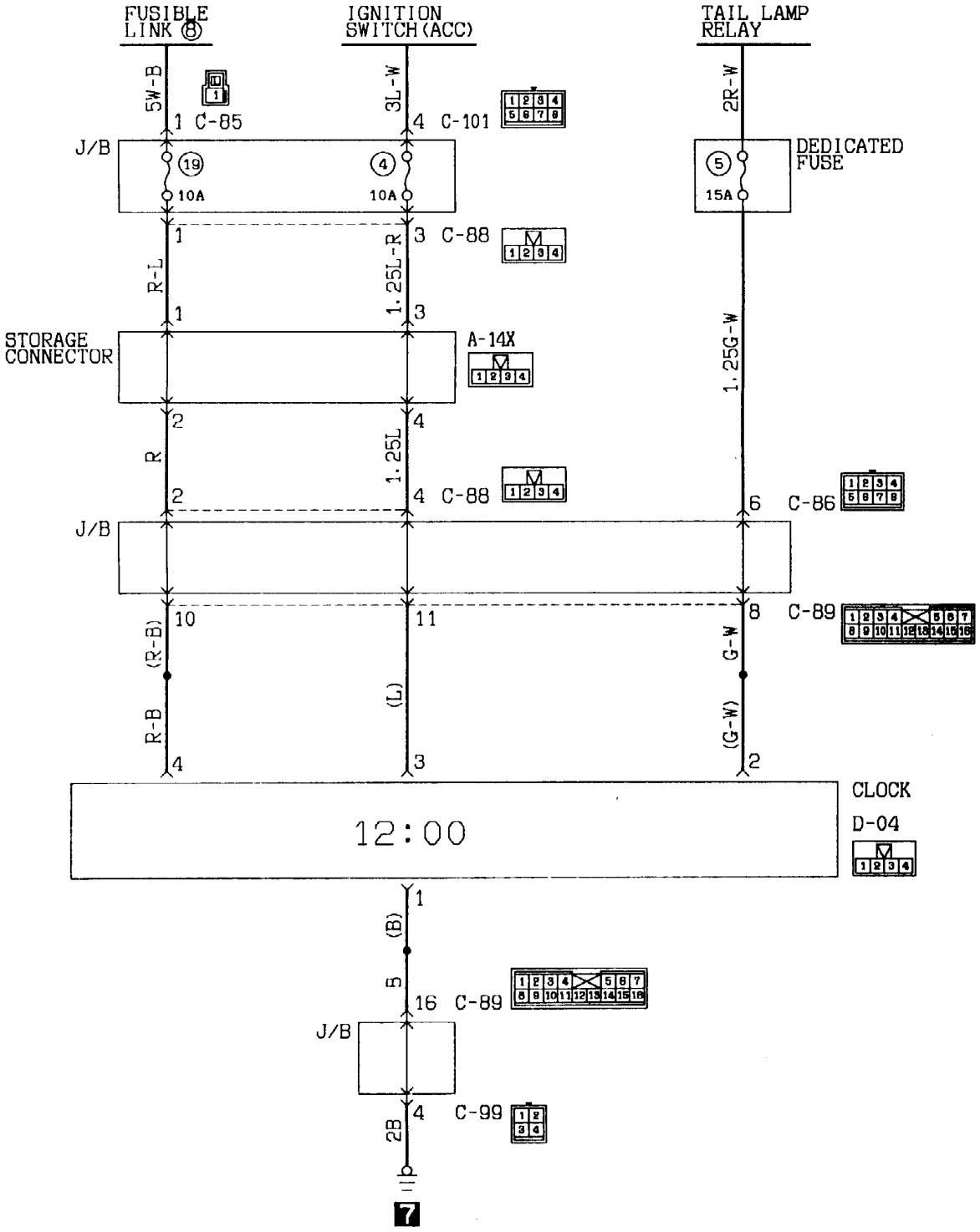


Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-J1418-EC

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CLOCK
R. H. drive vehicles



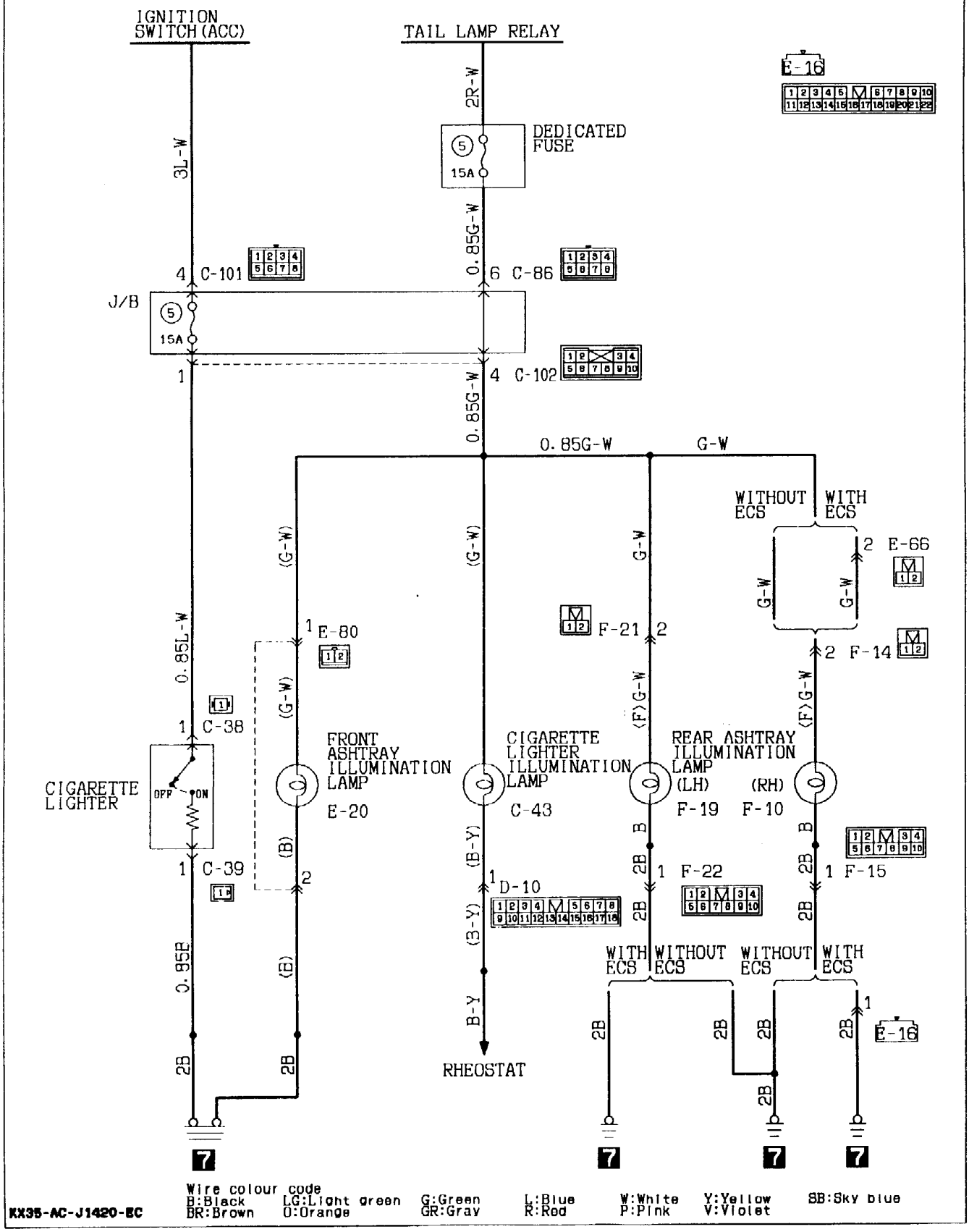
Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

RM98-AC-J1410-EC

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CIGARETTE LIGHTER

L.H. drive vehicles

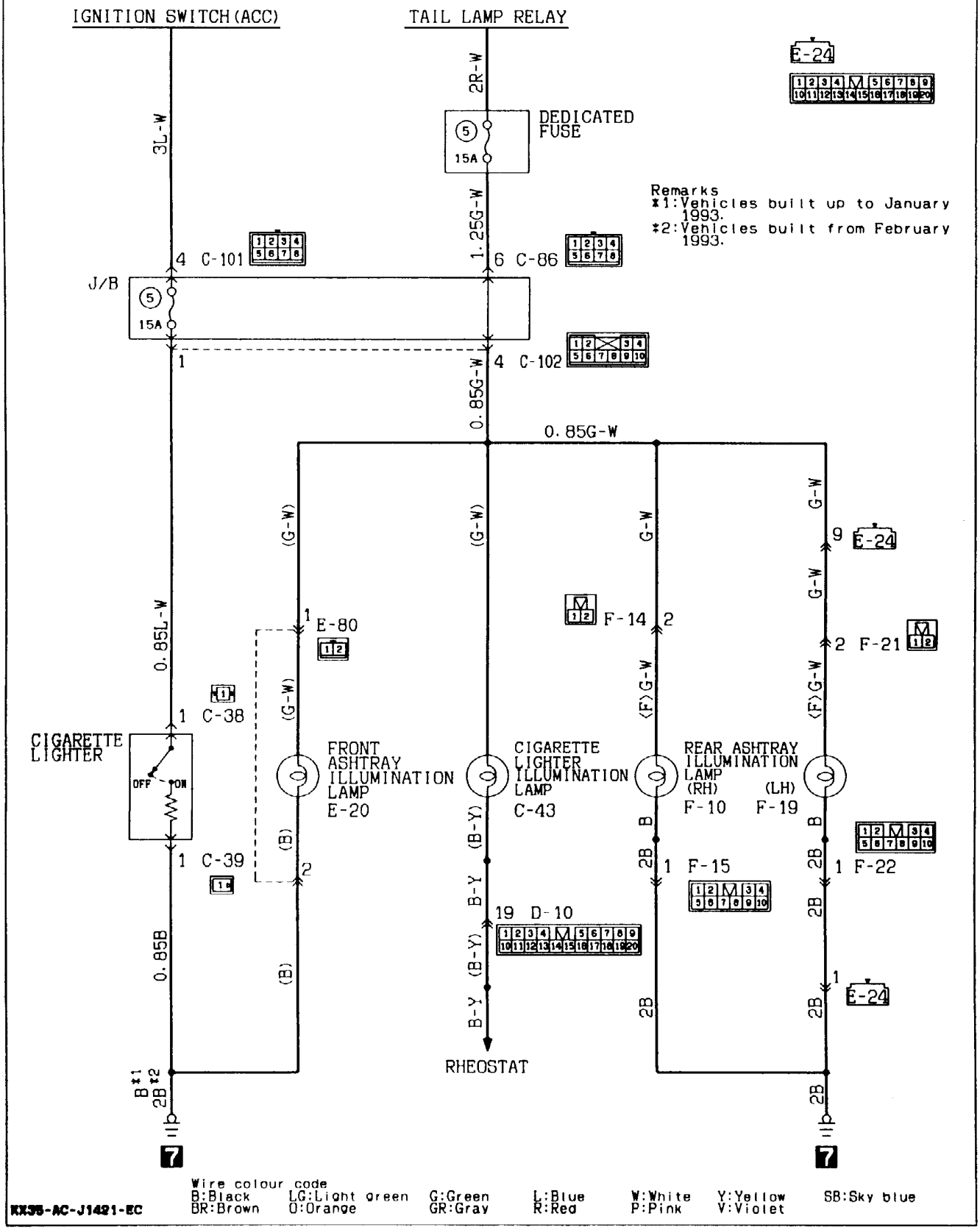


Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-J1420-EC

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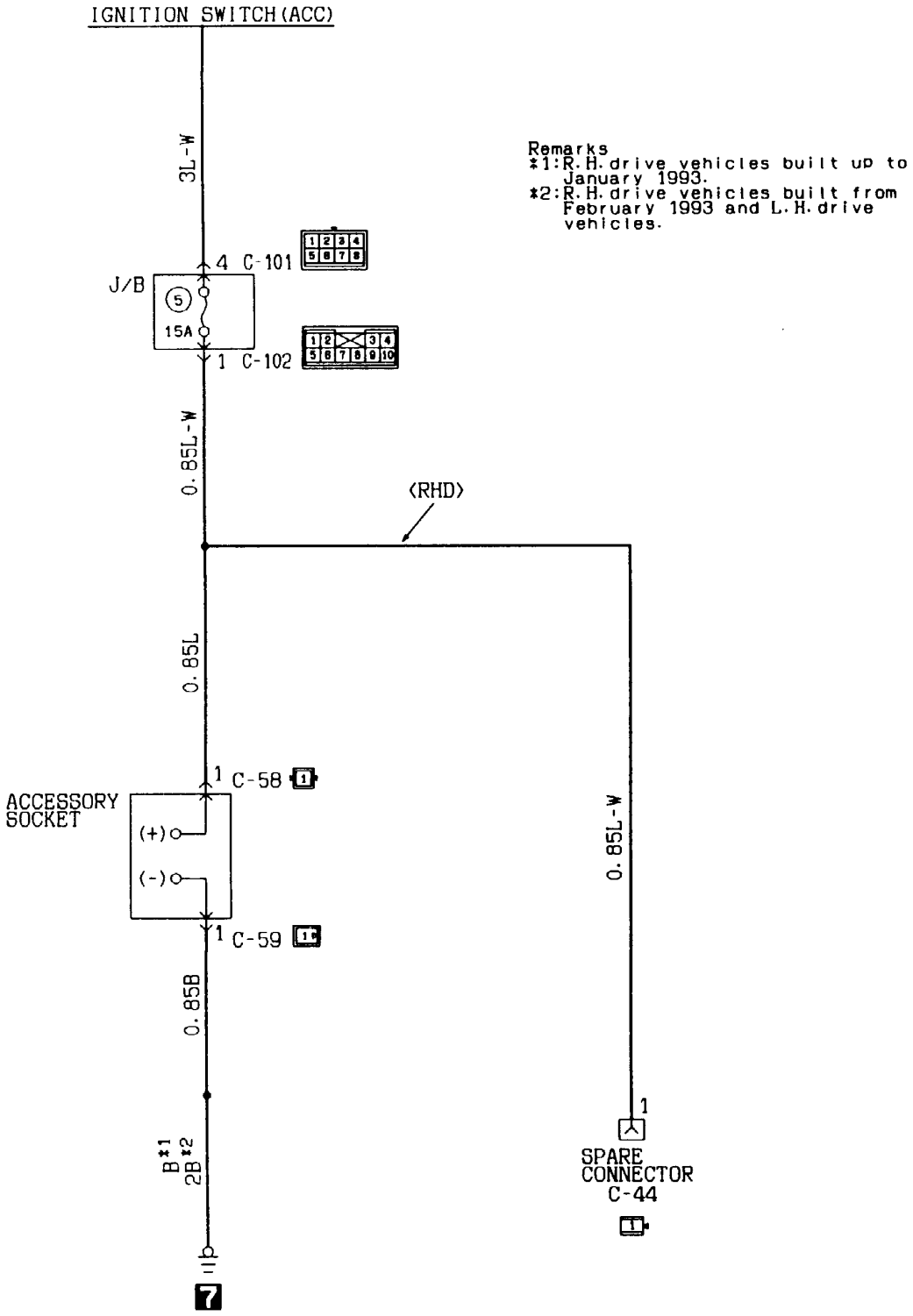
CIGARETTE LIGHTER
R.H. drive vehicles



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

KX35-AC-J1421-EC

ACCESSORY SOCKET



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

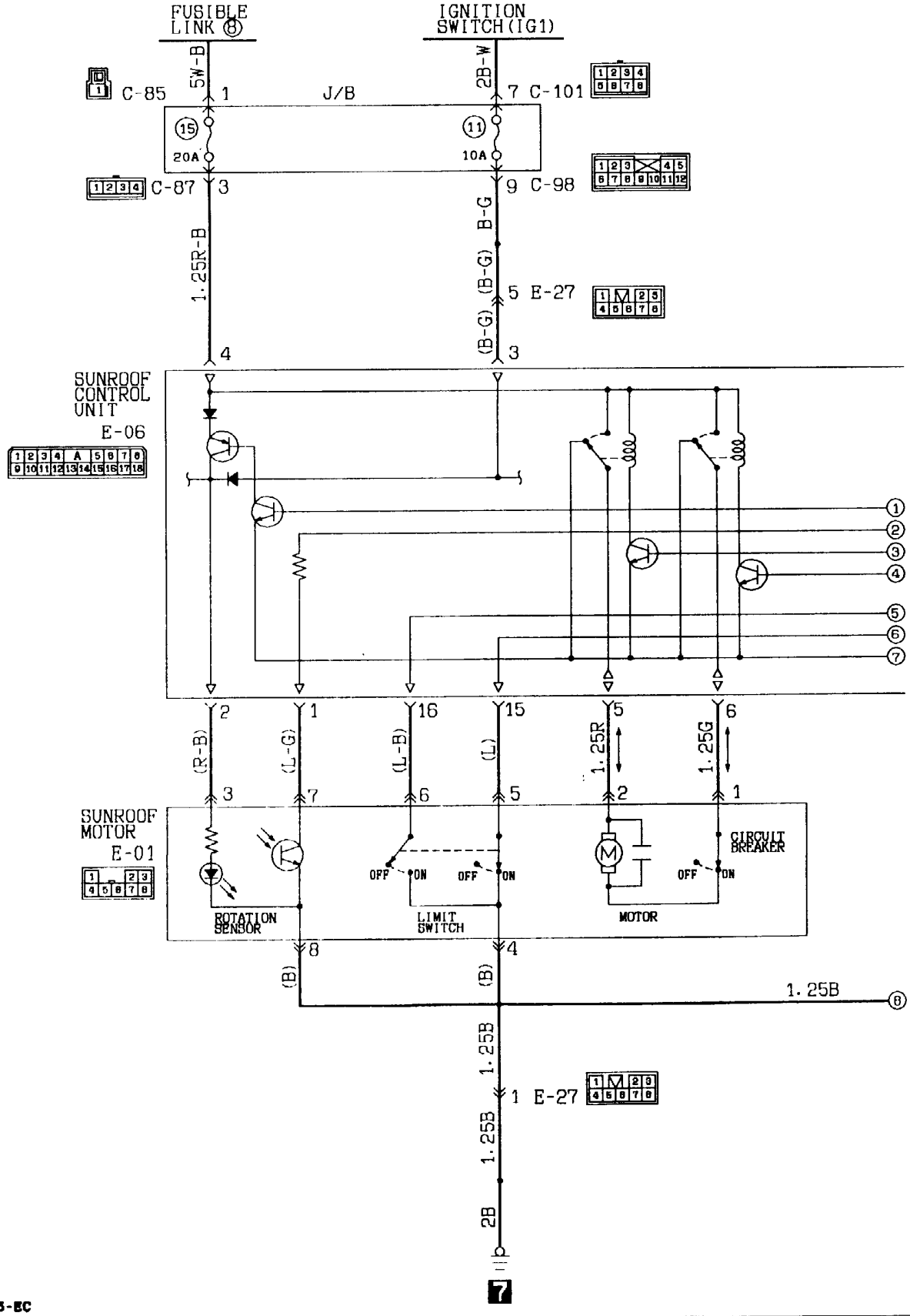
KX35-AC-J1422-EC

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NOTES

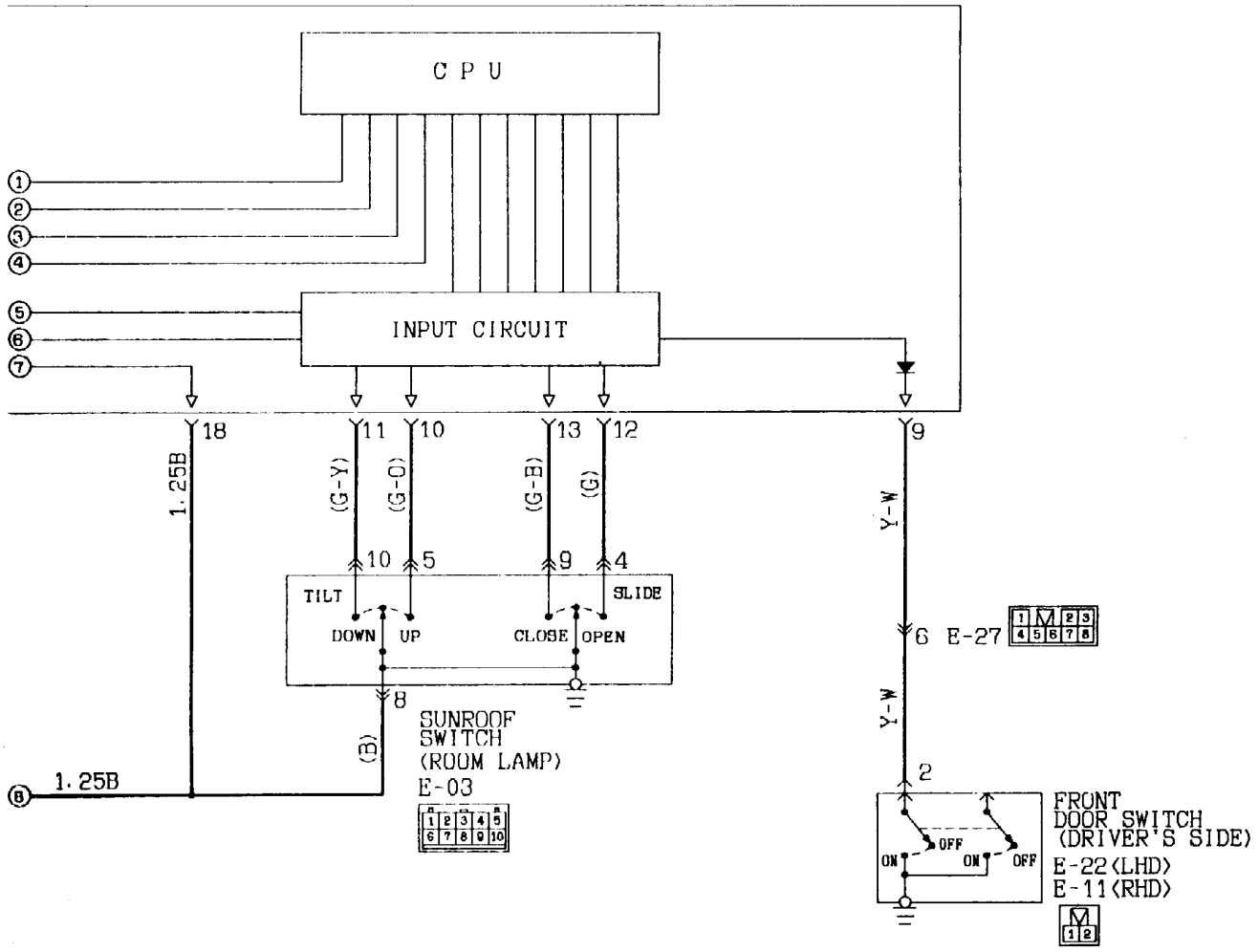
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SUNROOF



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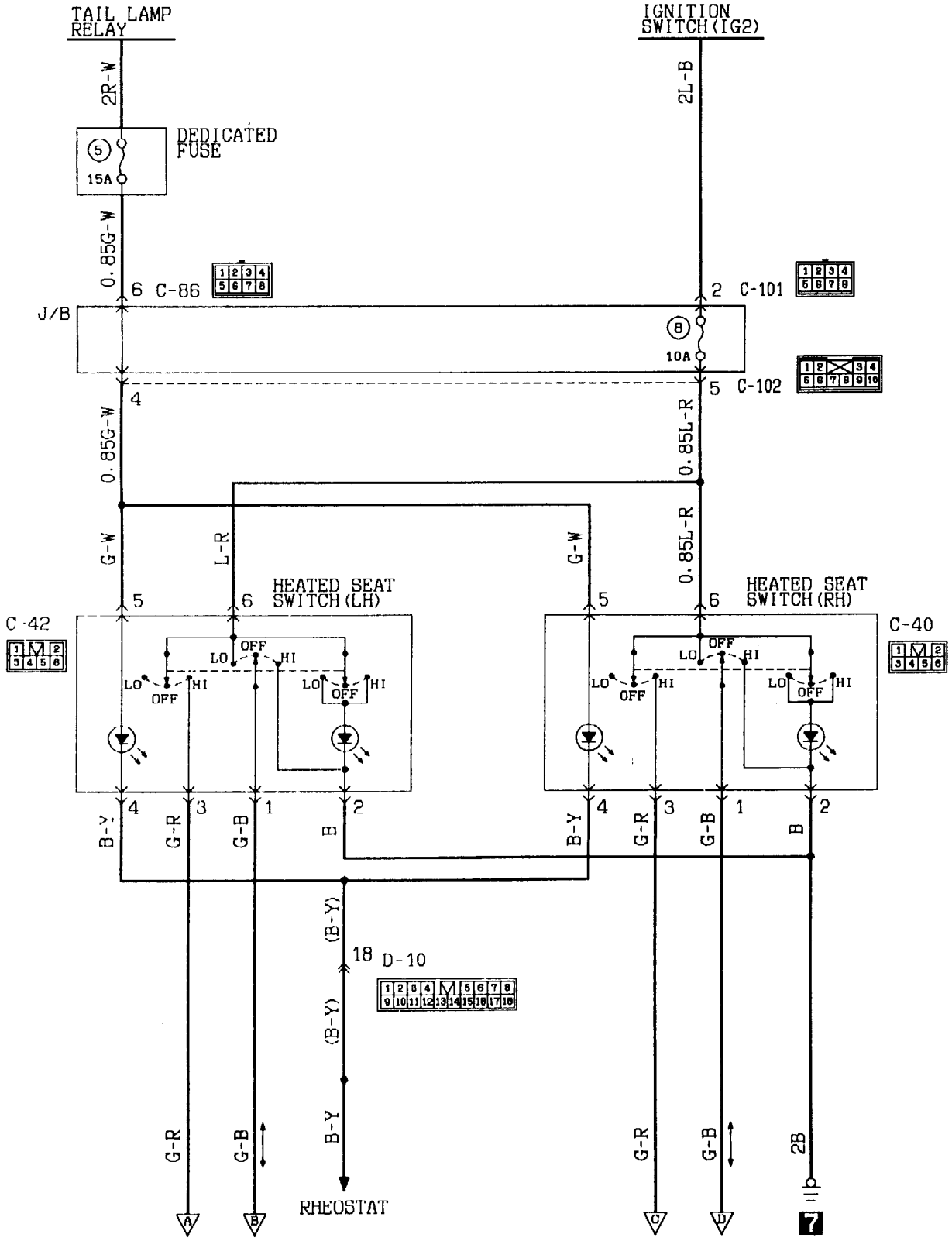


Wire colour code

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

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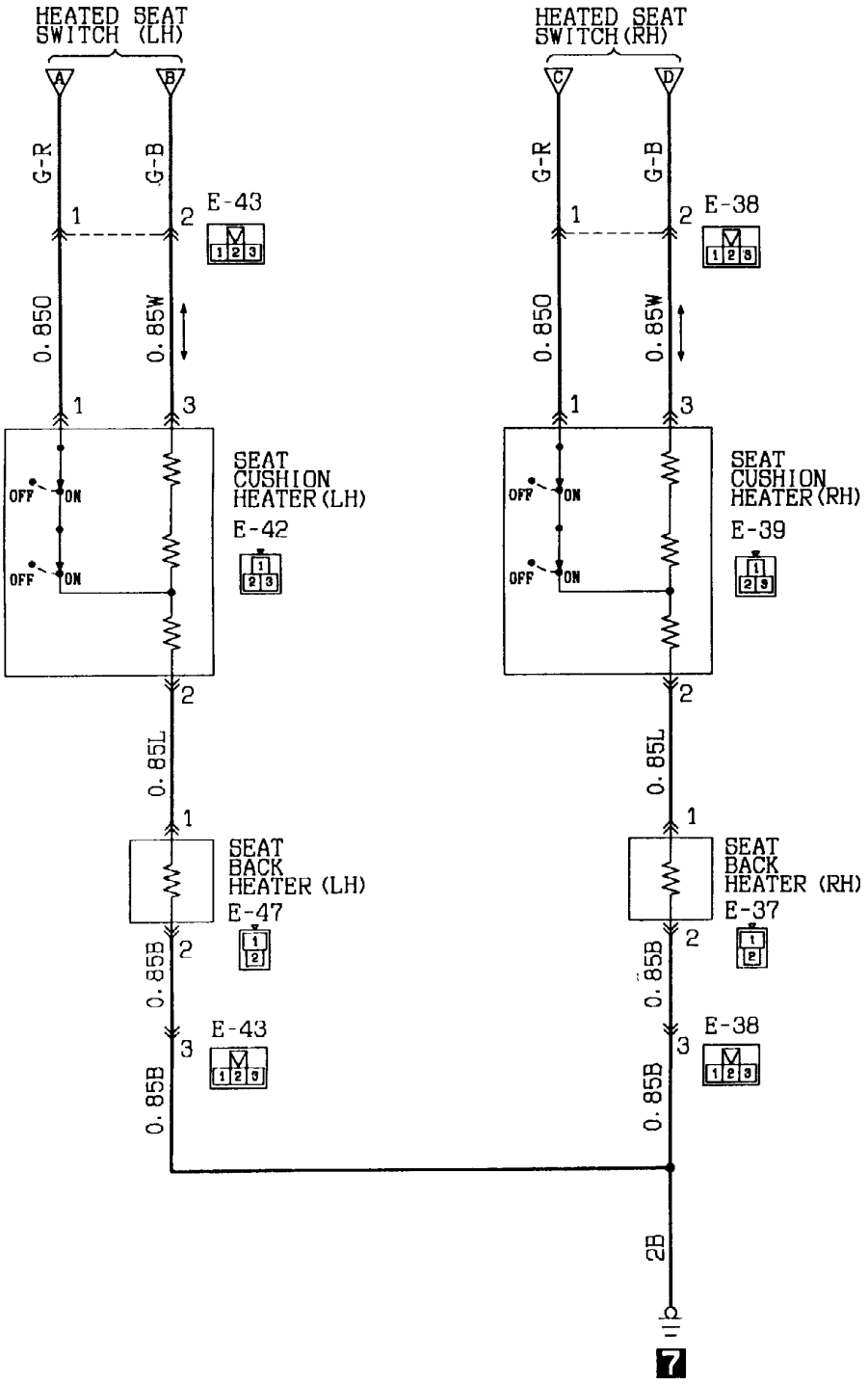
HEATED SEAT



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

KX35-AC-J1536-EC

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OPERATION

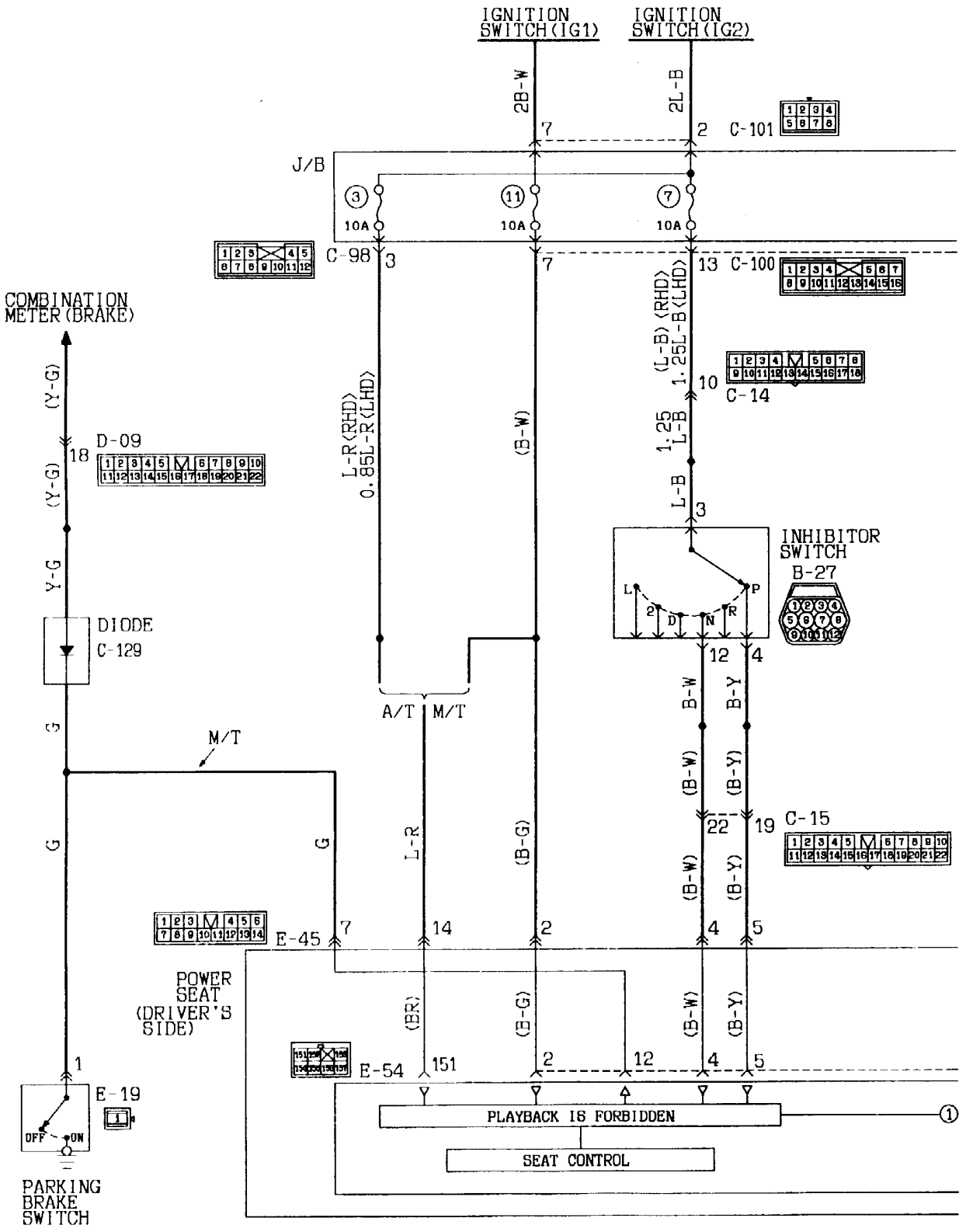
- When the heated seat switch is turned ON (either in LO or HI) with the ignition switch in ON position, the heated seat is activated with operation corresponding to the switch position.

TROUBLESHOOTING HINTS

1. The heated seat warms at one place only.
   - Check the heated seat.
2. The heated seat doesn't become warm.
   - Check the multi-purpose fuse No. ⑧.
   - Check the heated seat switch.

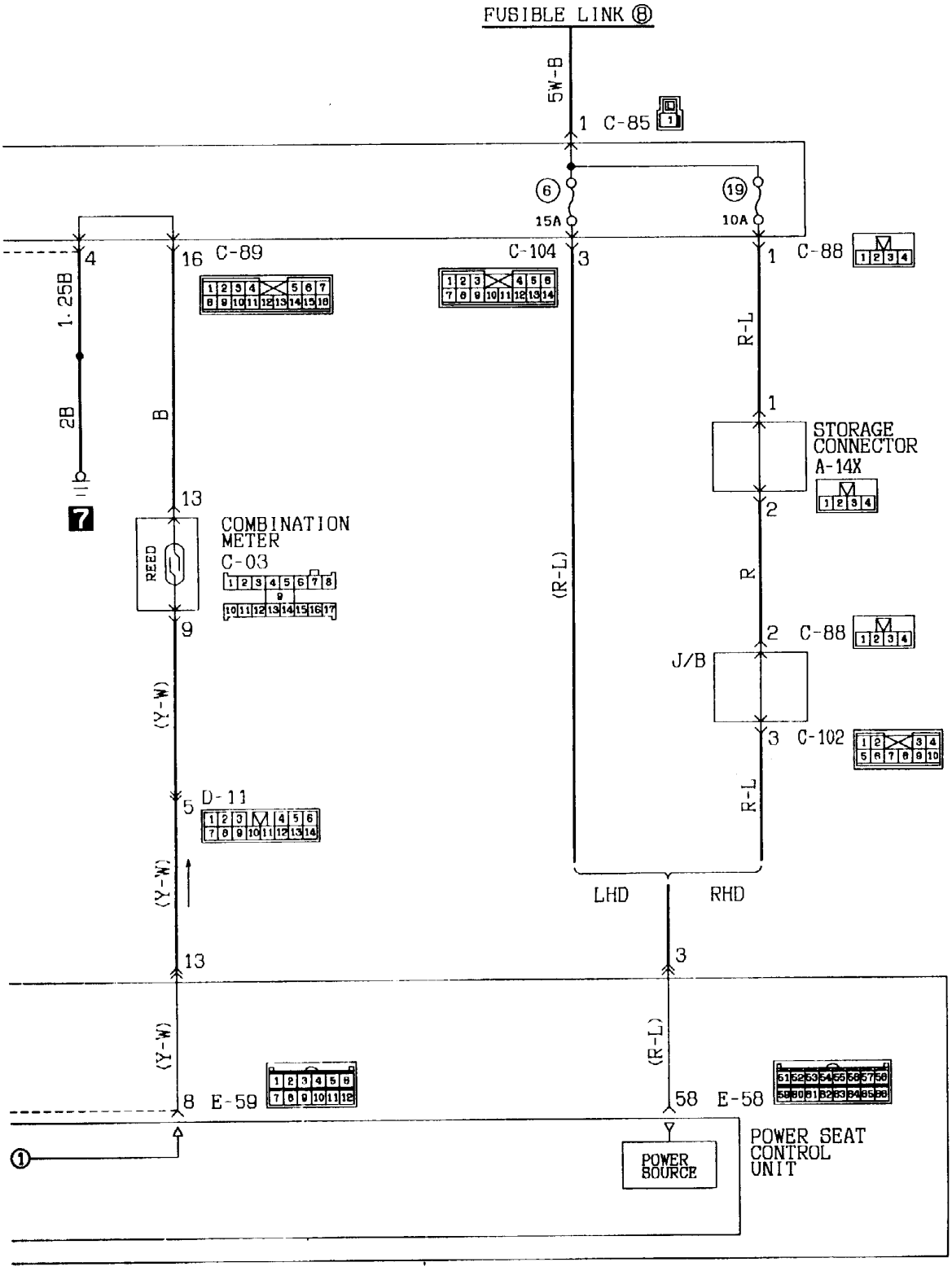
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POWER SEAT



KX35-AC-J1537-EC

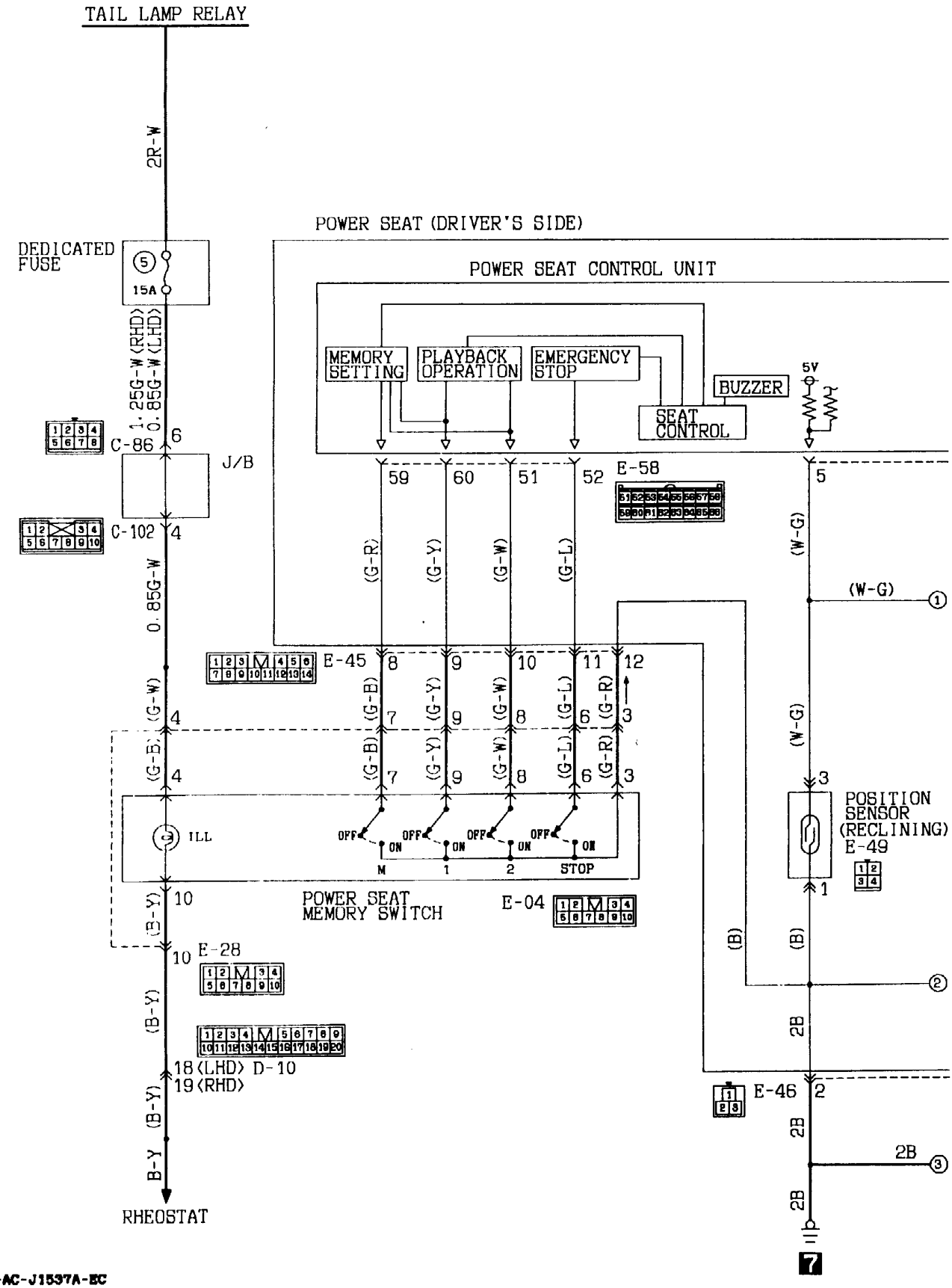
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Wire colour code

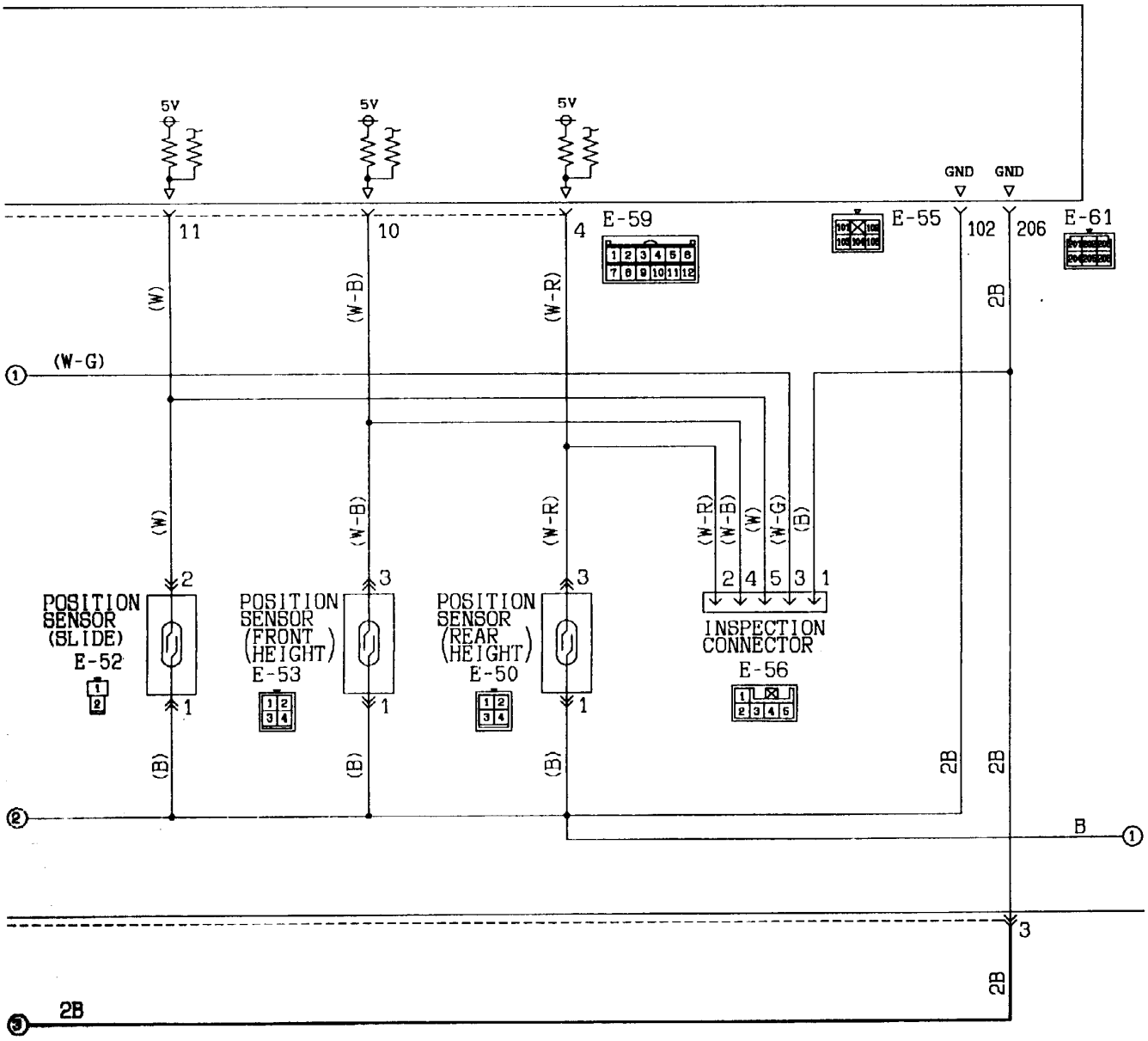
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

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KX35-AC-J1537A-EC

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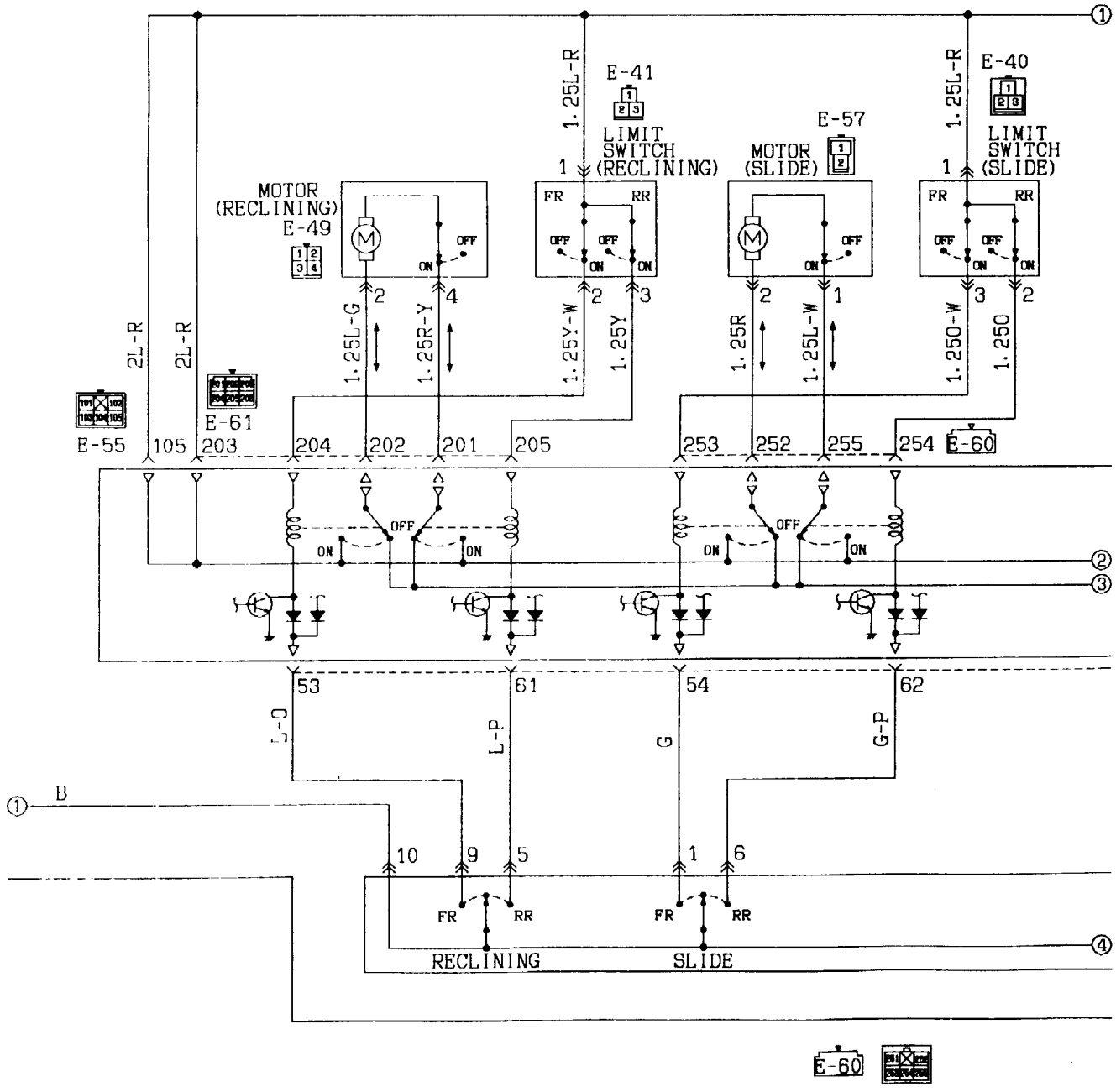


Wire colour code

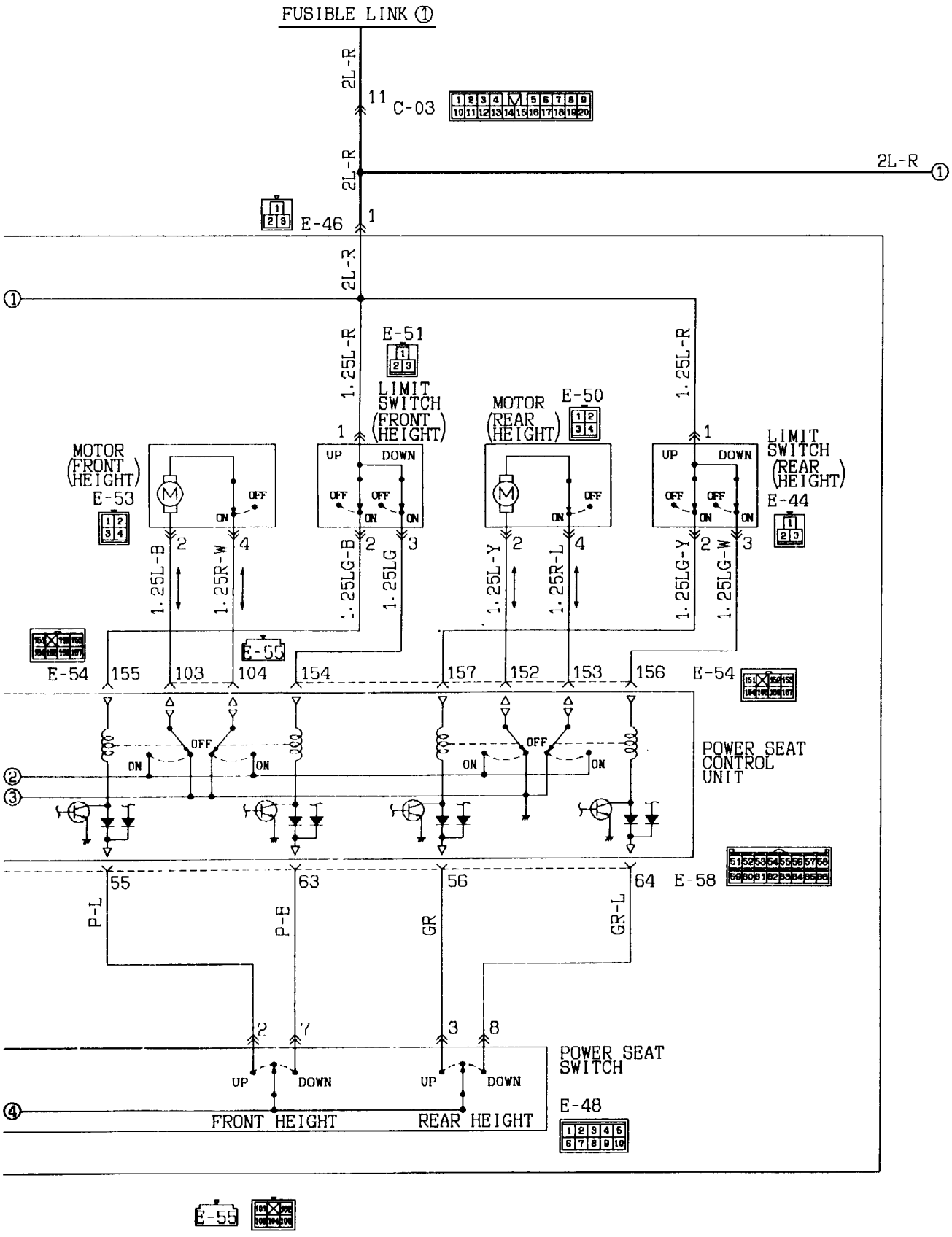
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

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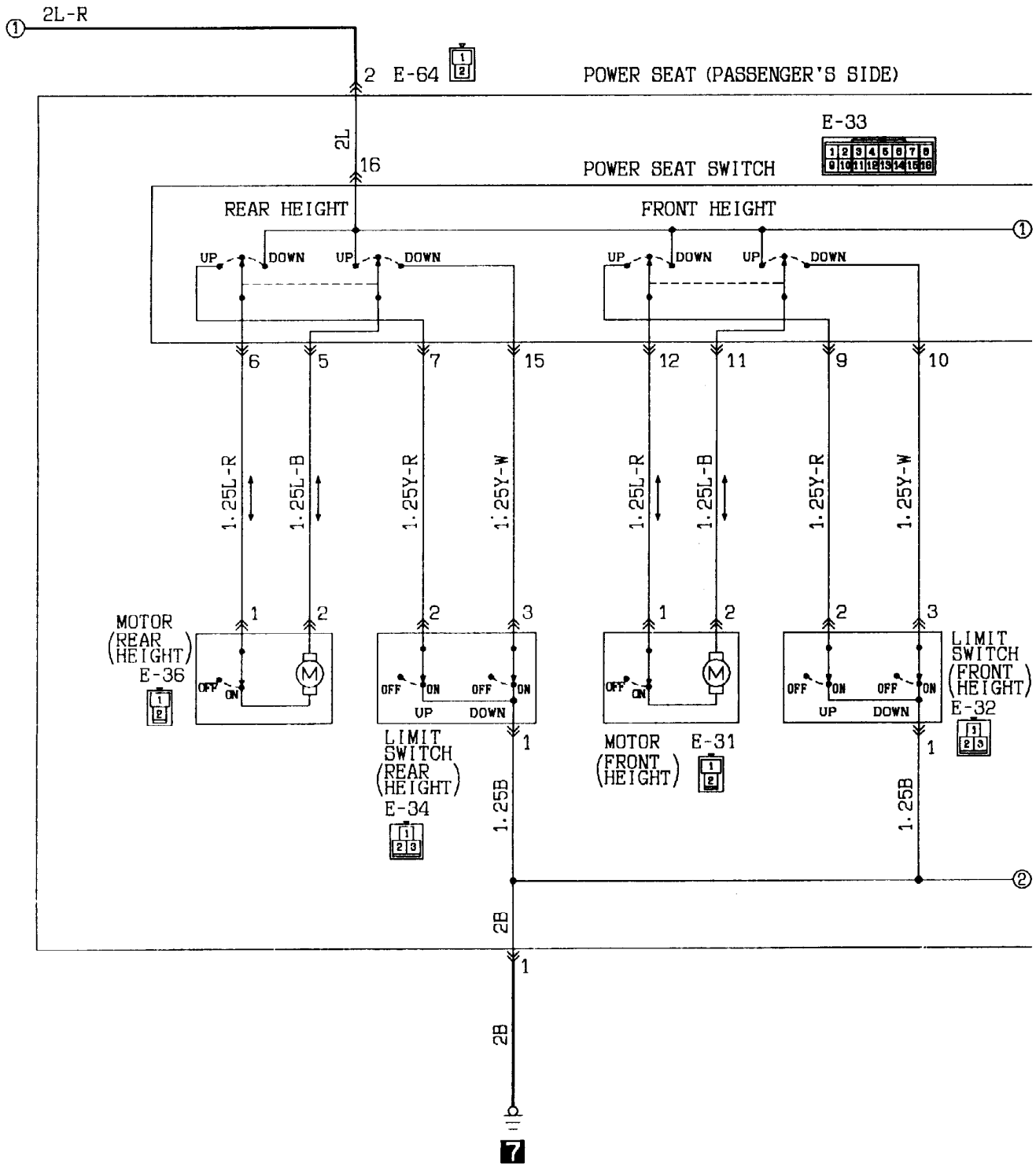
POWER SEAT (DRIVER'S SIDE)



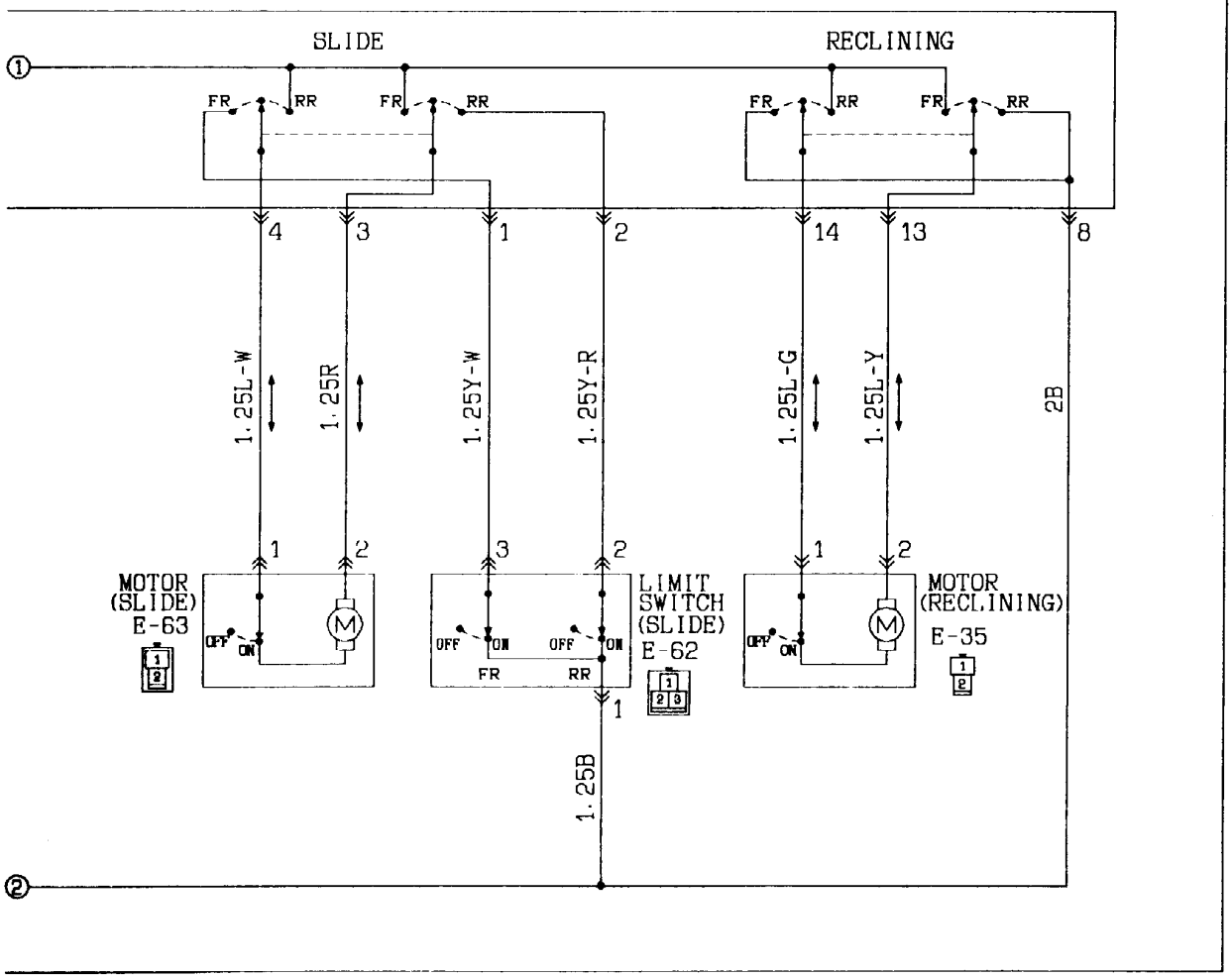
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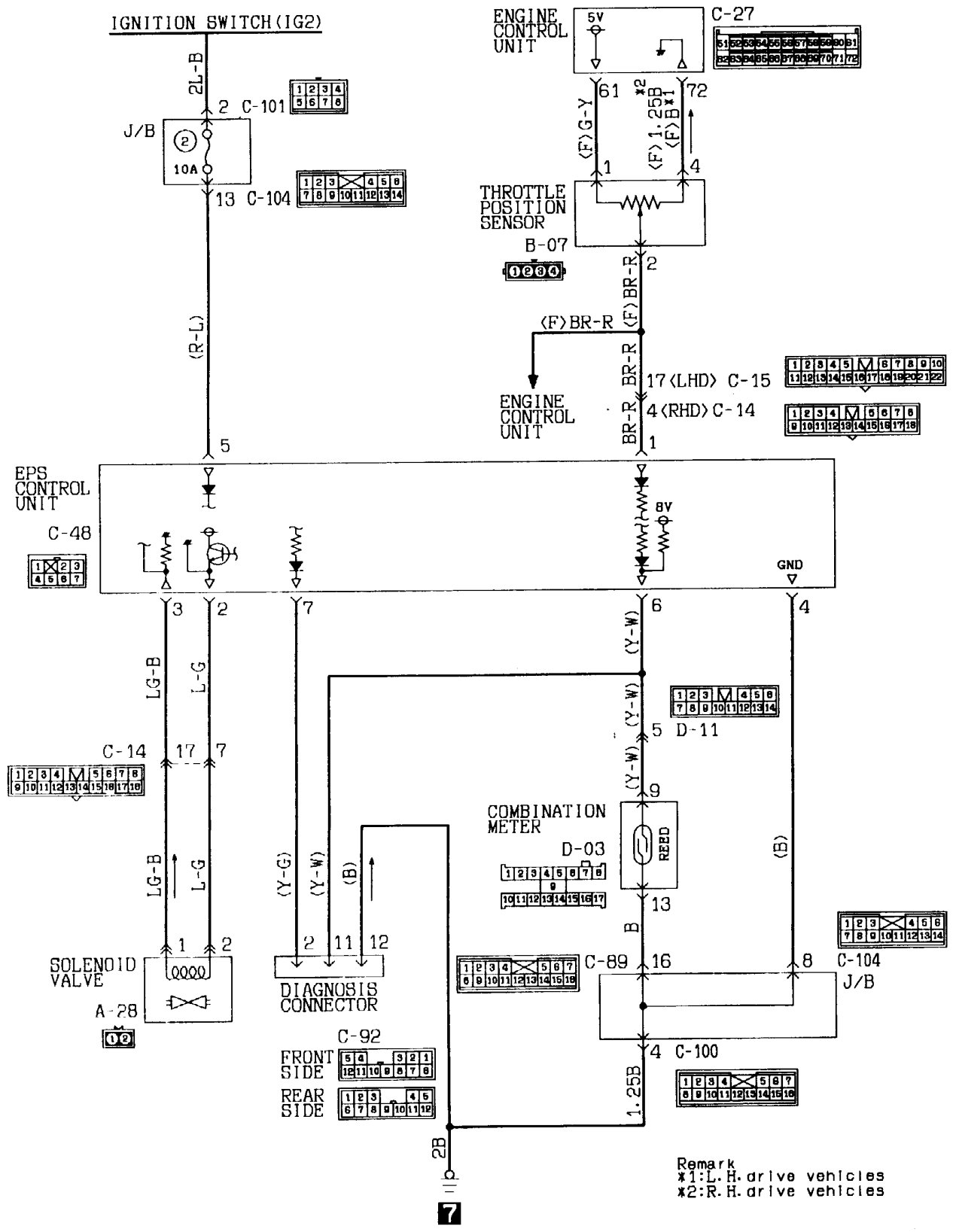


Wire colour code

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

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ELECTRONIC CONTROL POWER STEERING (EPS)



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

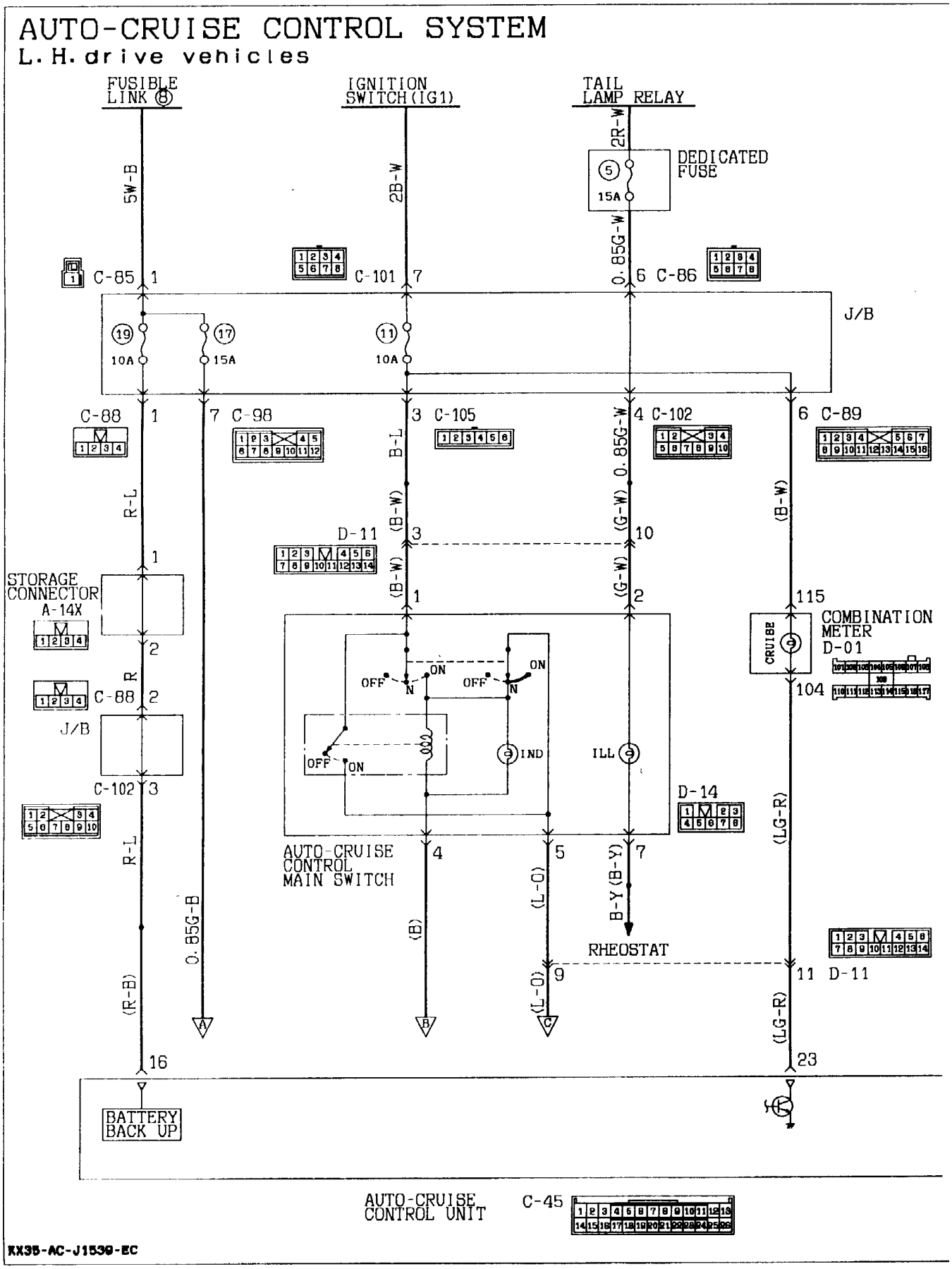
XX35-AC-J1530-EC

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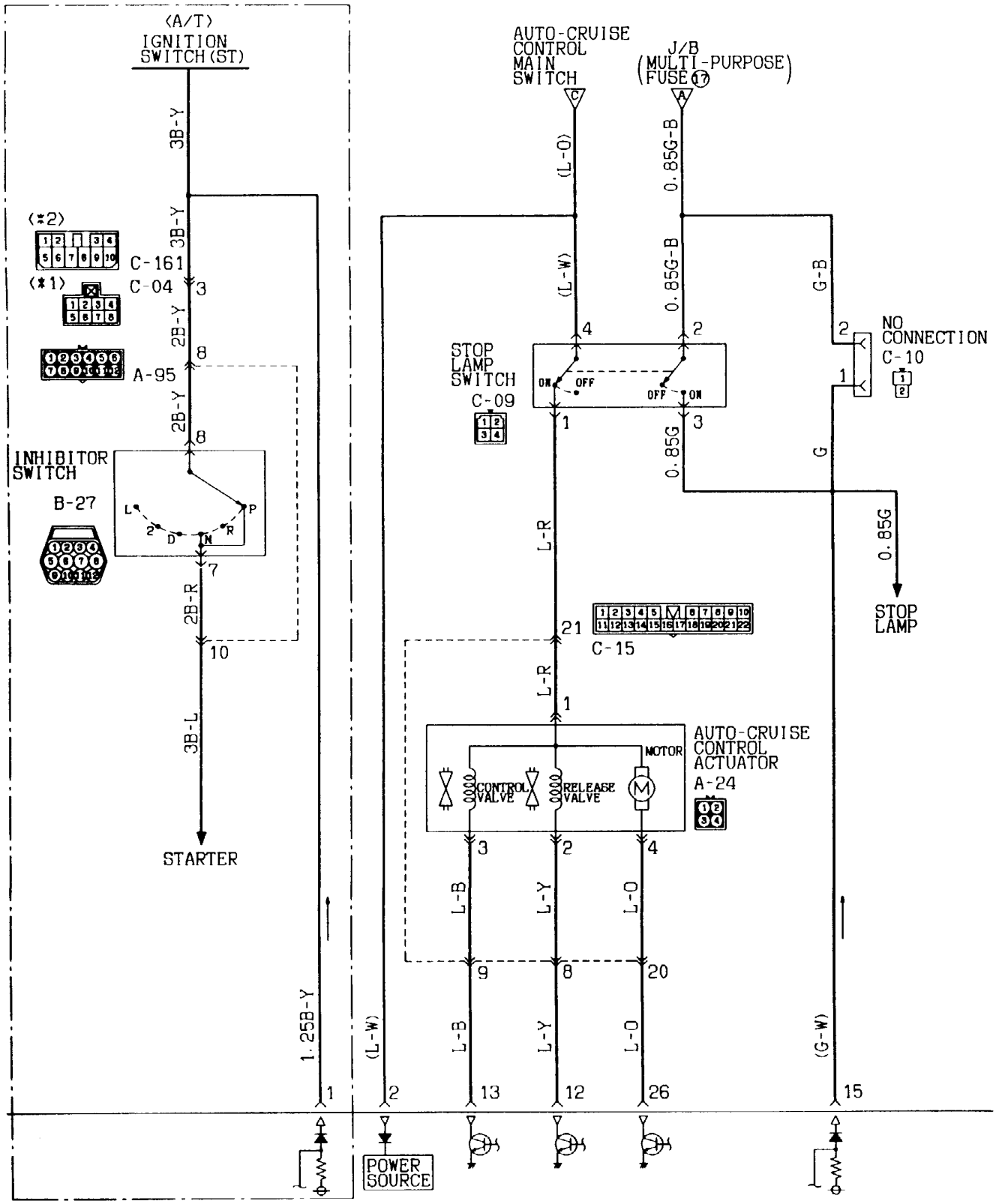
PHGE9229

NOTES

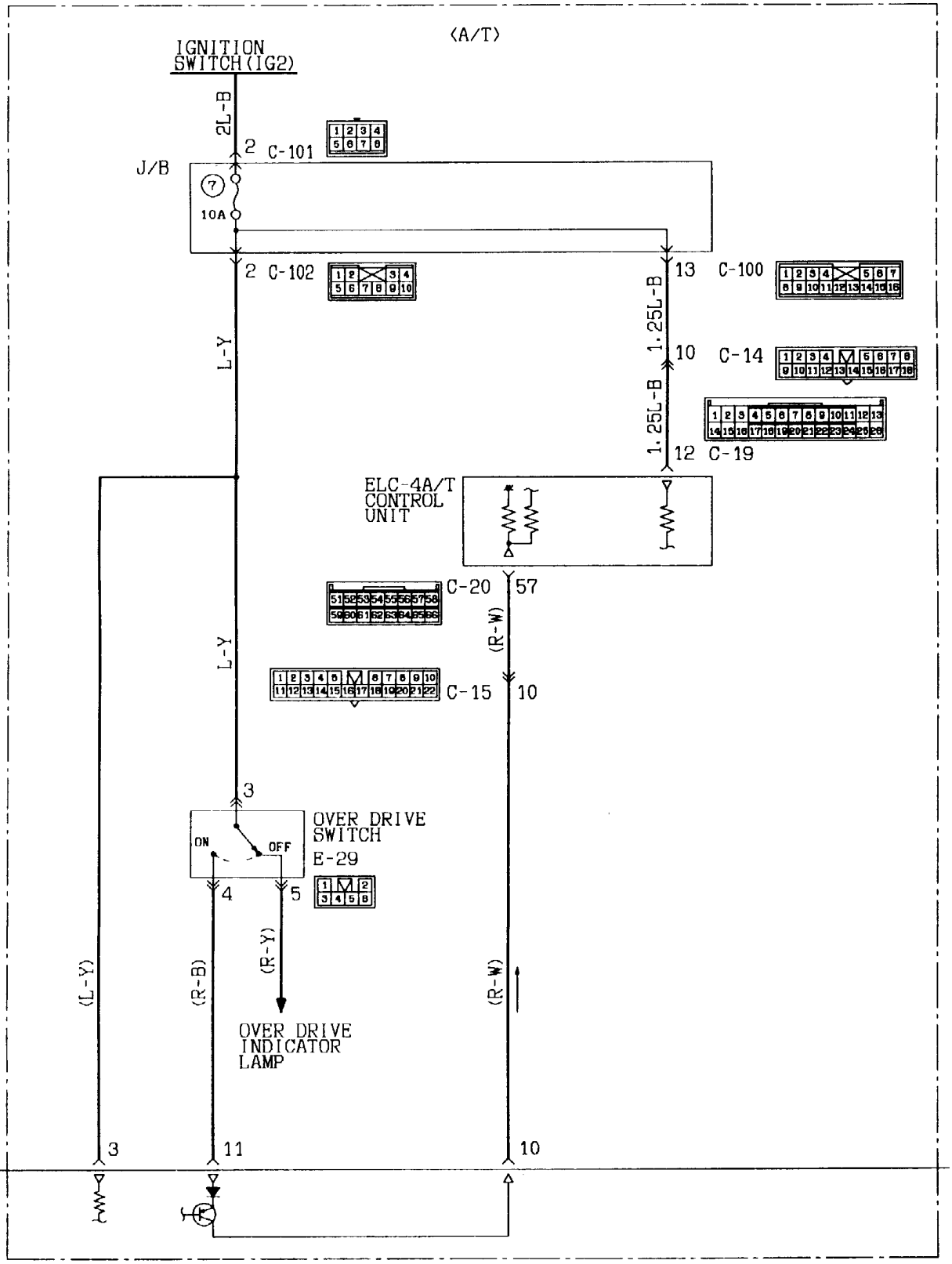
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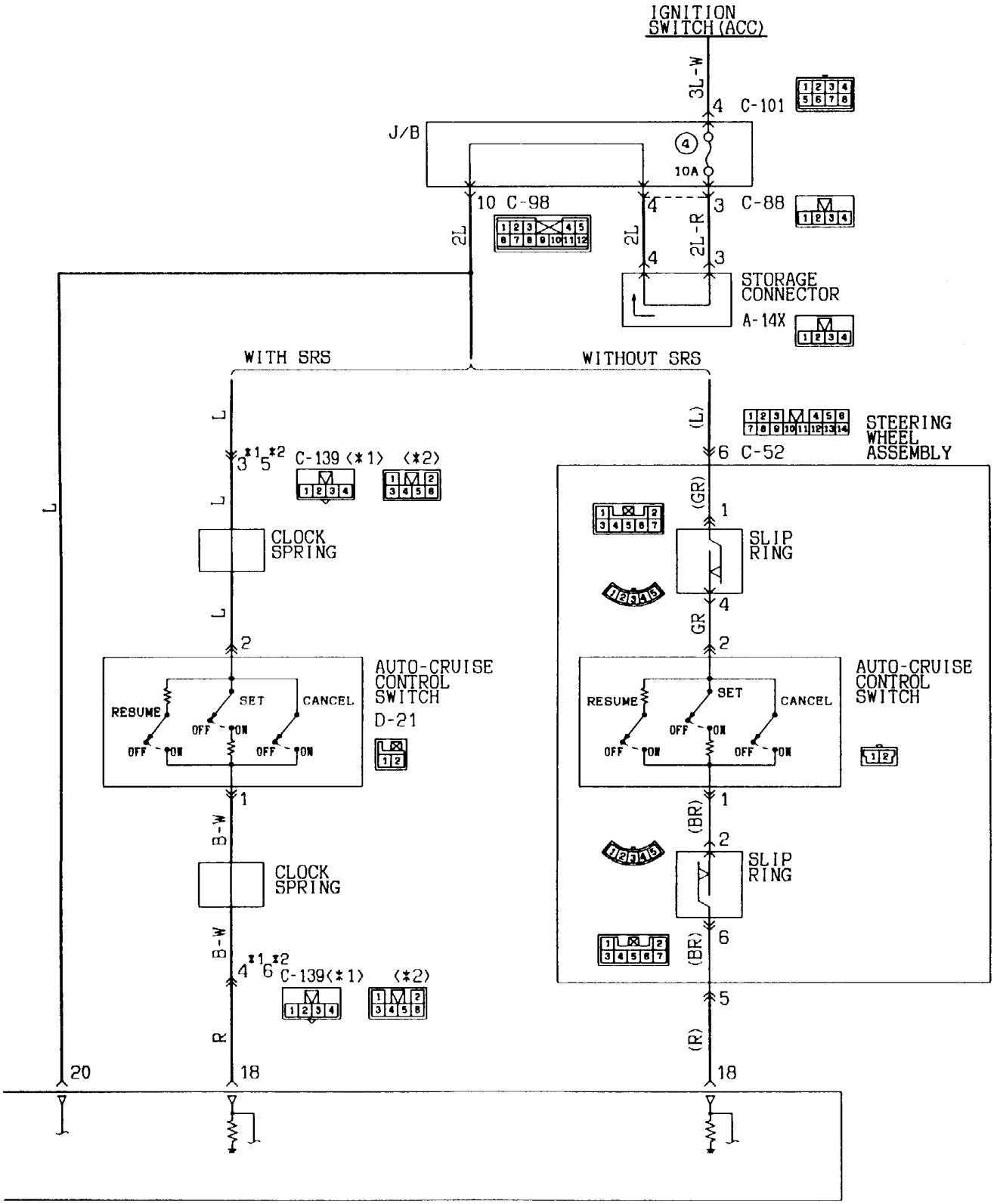
Remarks
*1 : Vehicles without front passenger air bag.
*2 : Vehicles with front passenger air bag.



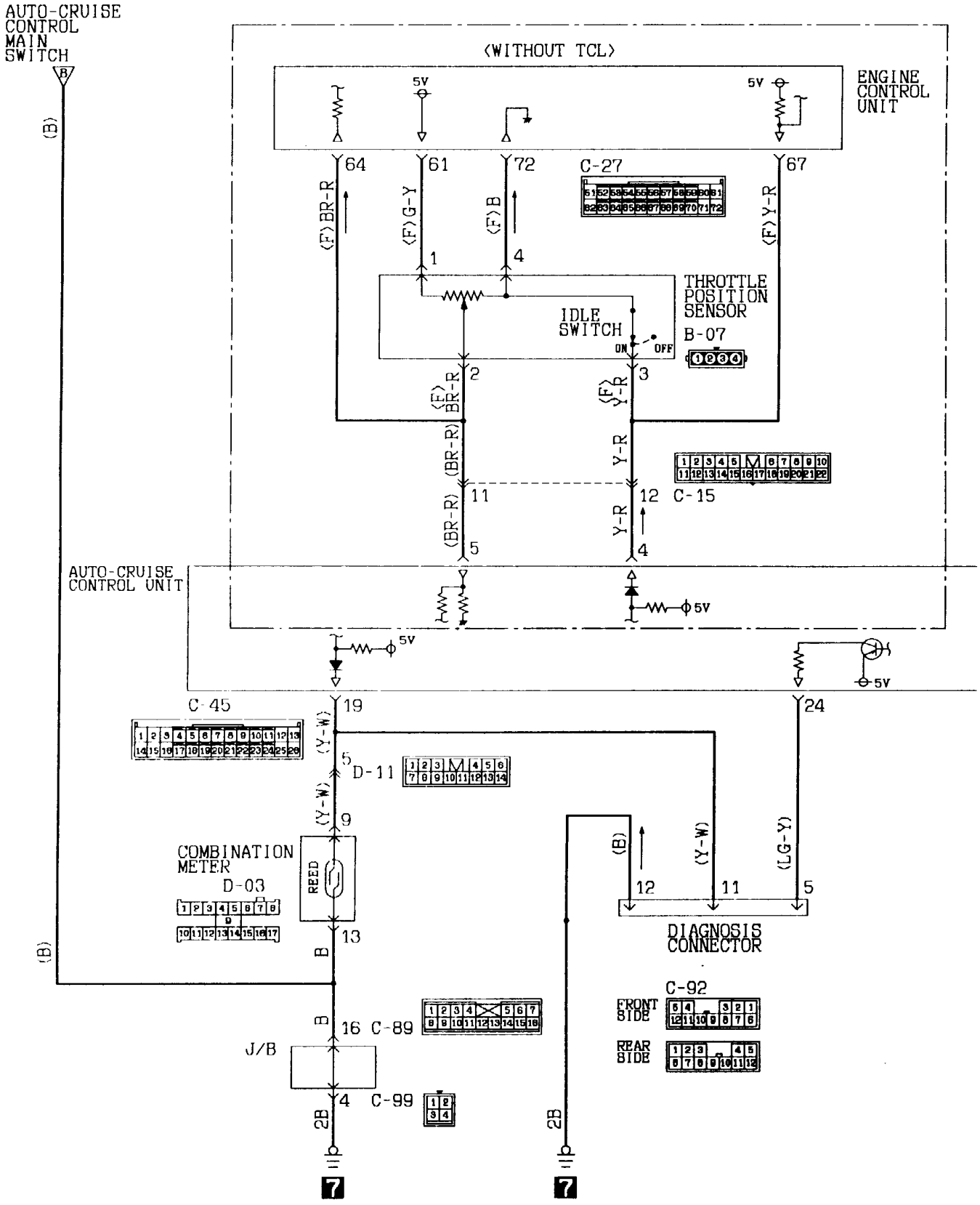
AUTO-CRUISE CONTROL UNIT C-45

KX35-AC-J1539A-EC

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Remarks
*1: Vehicles without front passenger air bag.
*2: Vehicles with front passenger air bag.

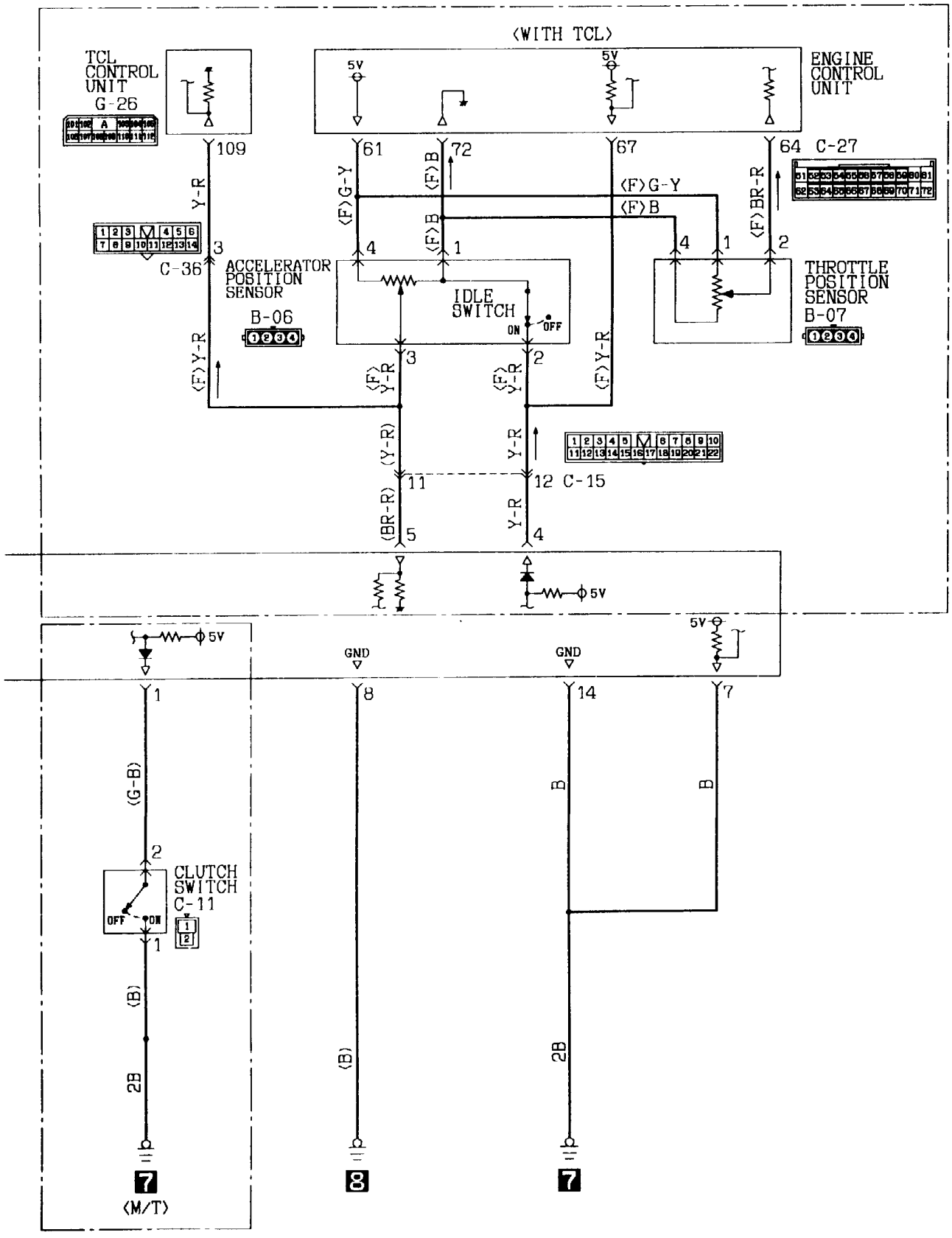


Wire colour code

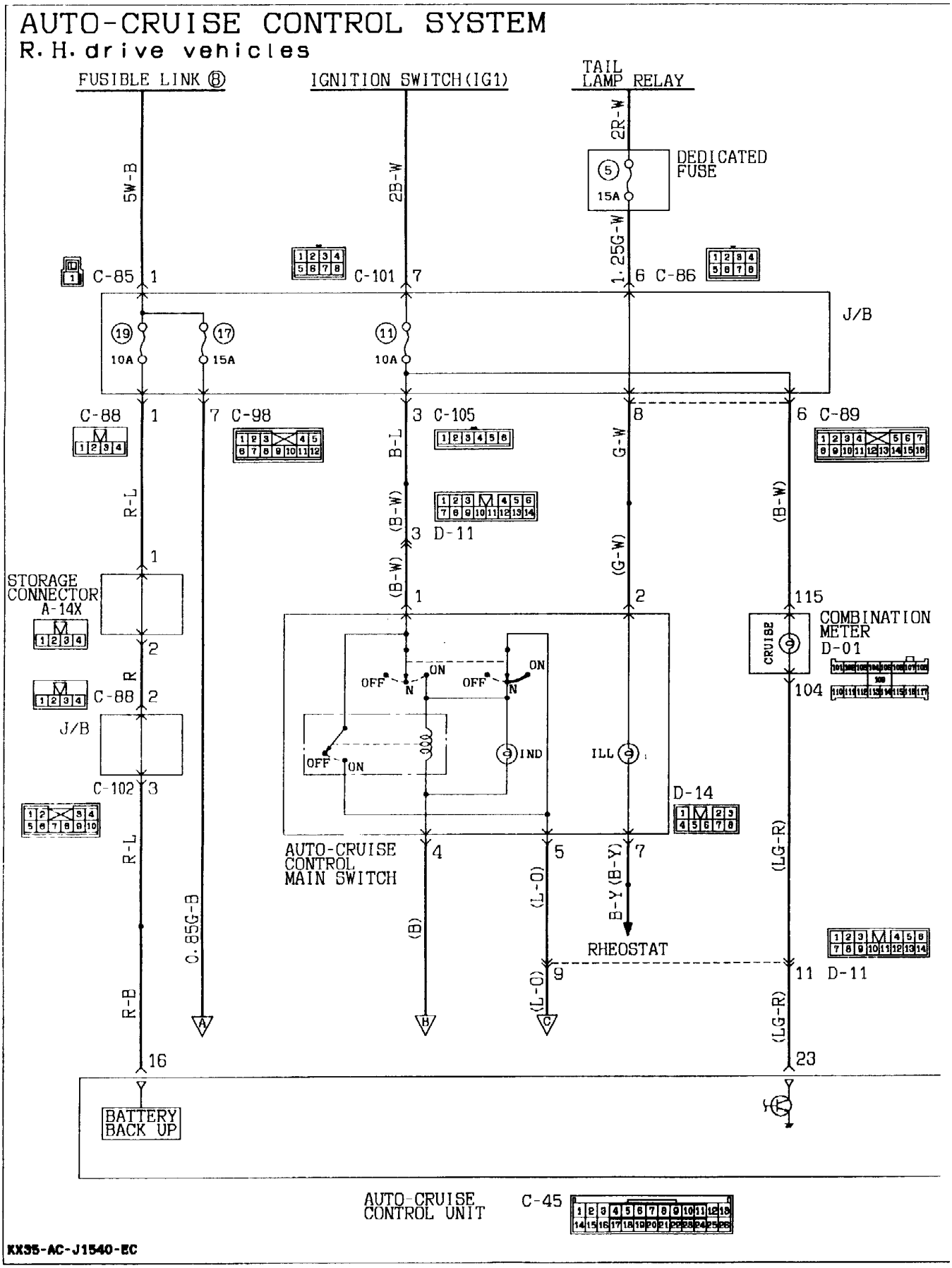
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet	

KX35-AC-J1539B-EC

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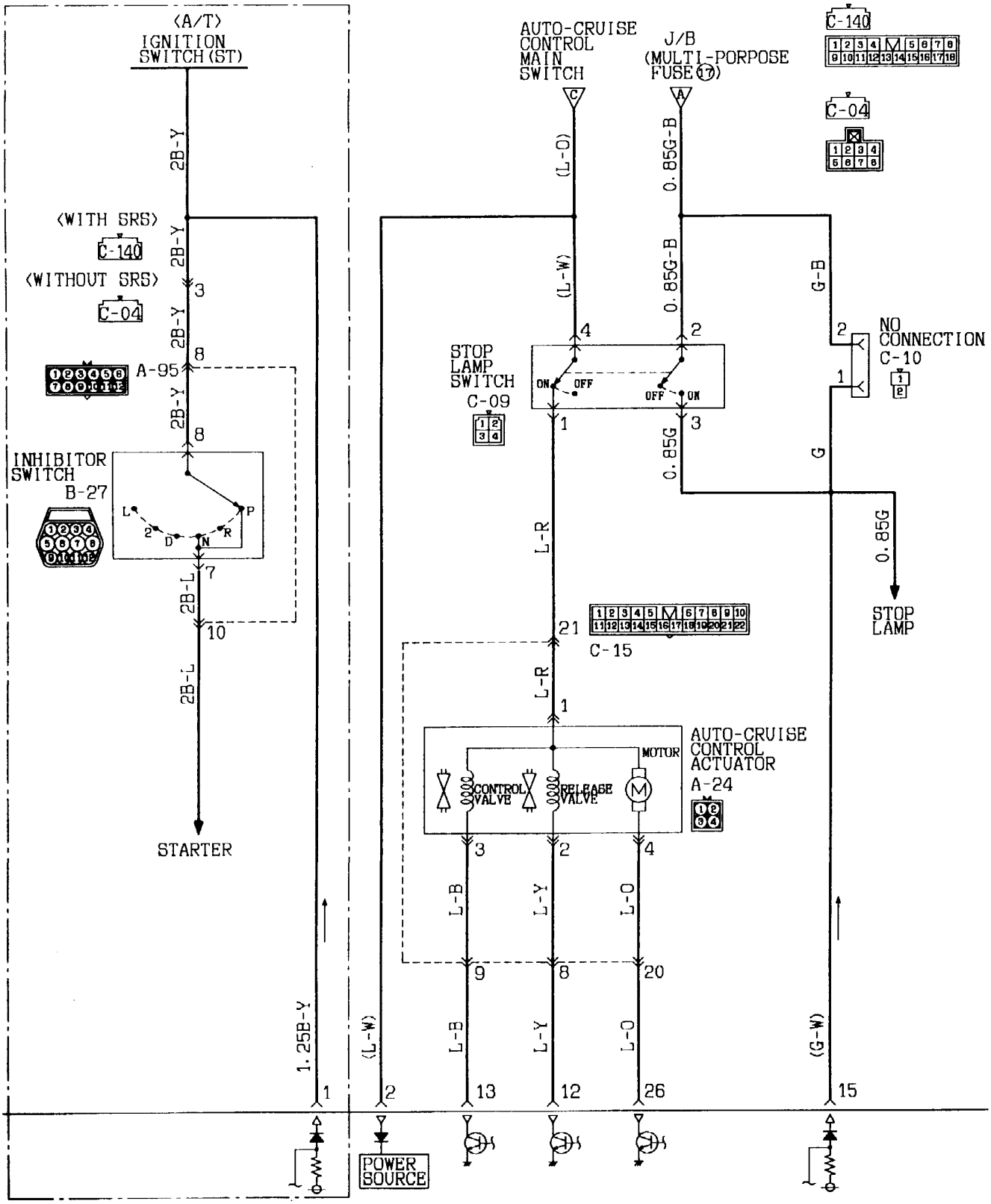


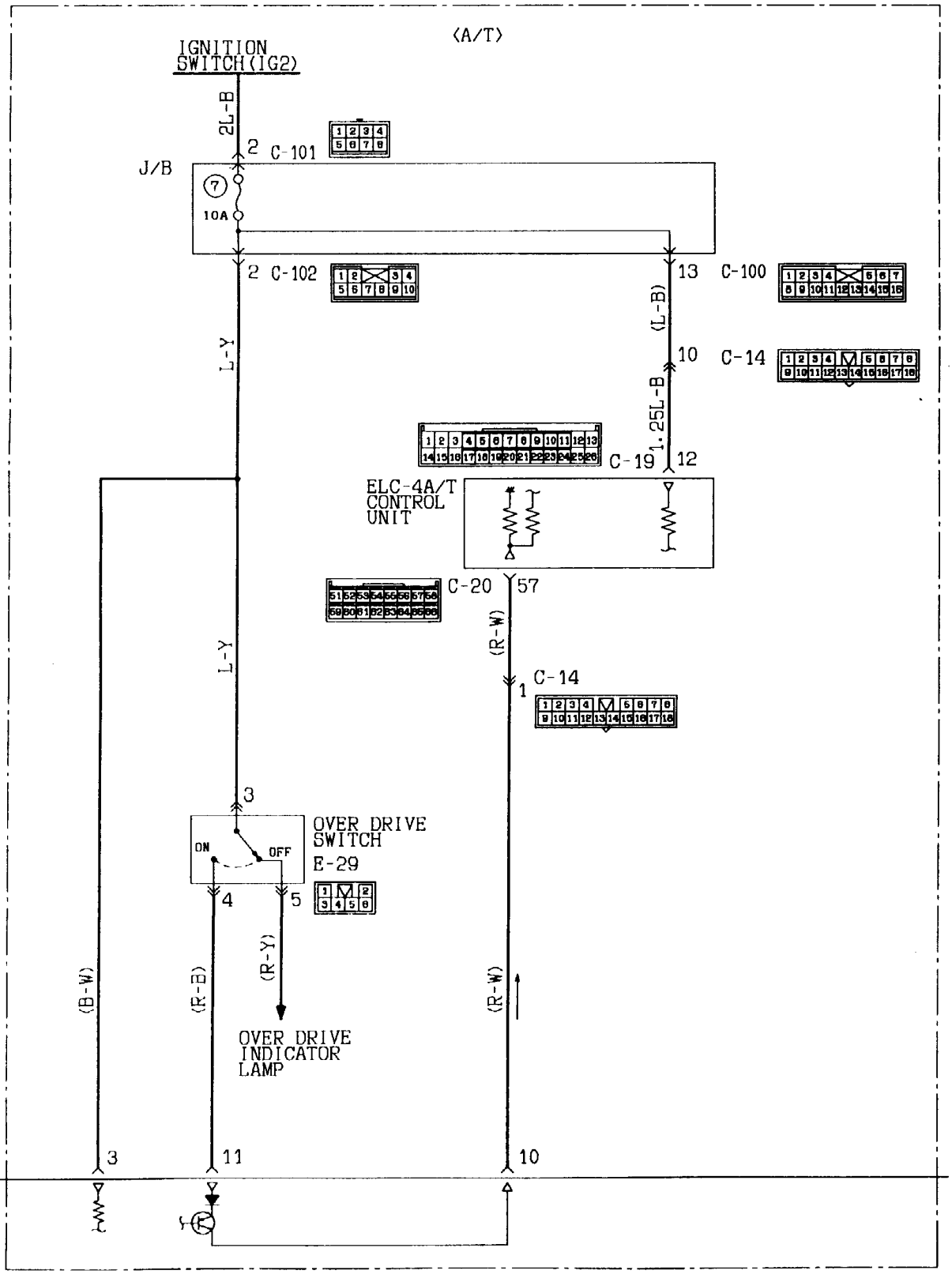
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KX35-AC-J1540-EC

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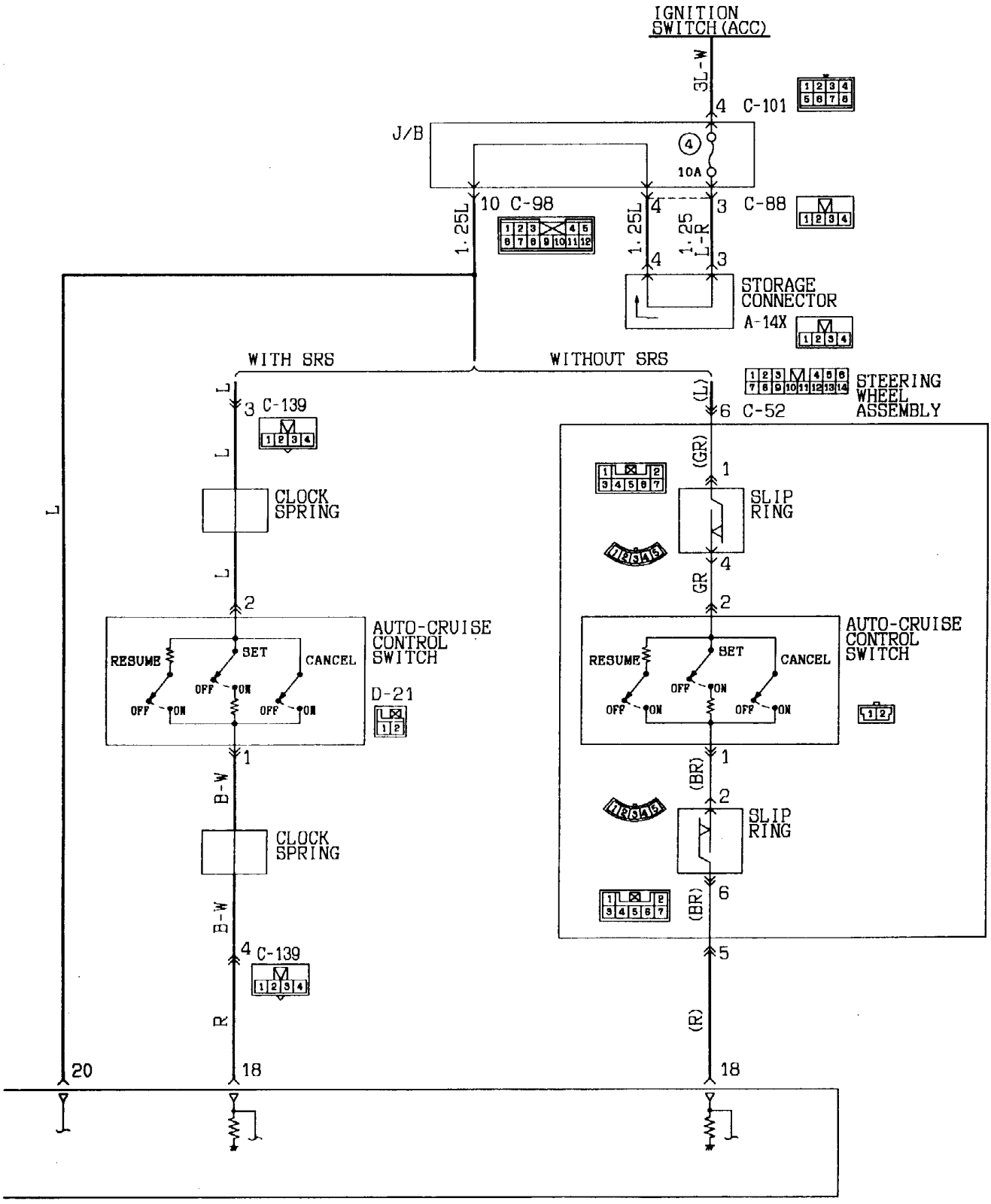

(A/T)
IGNITION SWITCH (ST)
2B-Y
(WITH SRS)
C-140
(WITHOUT SRS)
C-04
A-95
INHIBITOR SWITCH
B-27
P
R
N
D
2
L
2B-L
STARTER
1.25B-Y
AUTO-CRUISE CONTROL MAIN SWITCH
J/B (MULTI-PORPOSE FUSE (17))
(L-O)
0.85G-B
(L-W)
G-B
STOP LAMP SWITCH
C-09
ON
OFF
NO CONNECTION
C-10
G
0.85G
STOP LAMP
L-R
C-15
AUTO-CRUISE CONTROL ACTUATOR
A-24
MOTOR
CONTROL VALVE
RELEASE VALVE
L-B
L-Y
L-O
(G-W)
POWER SOURCE



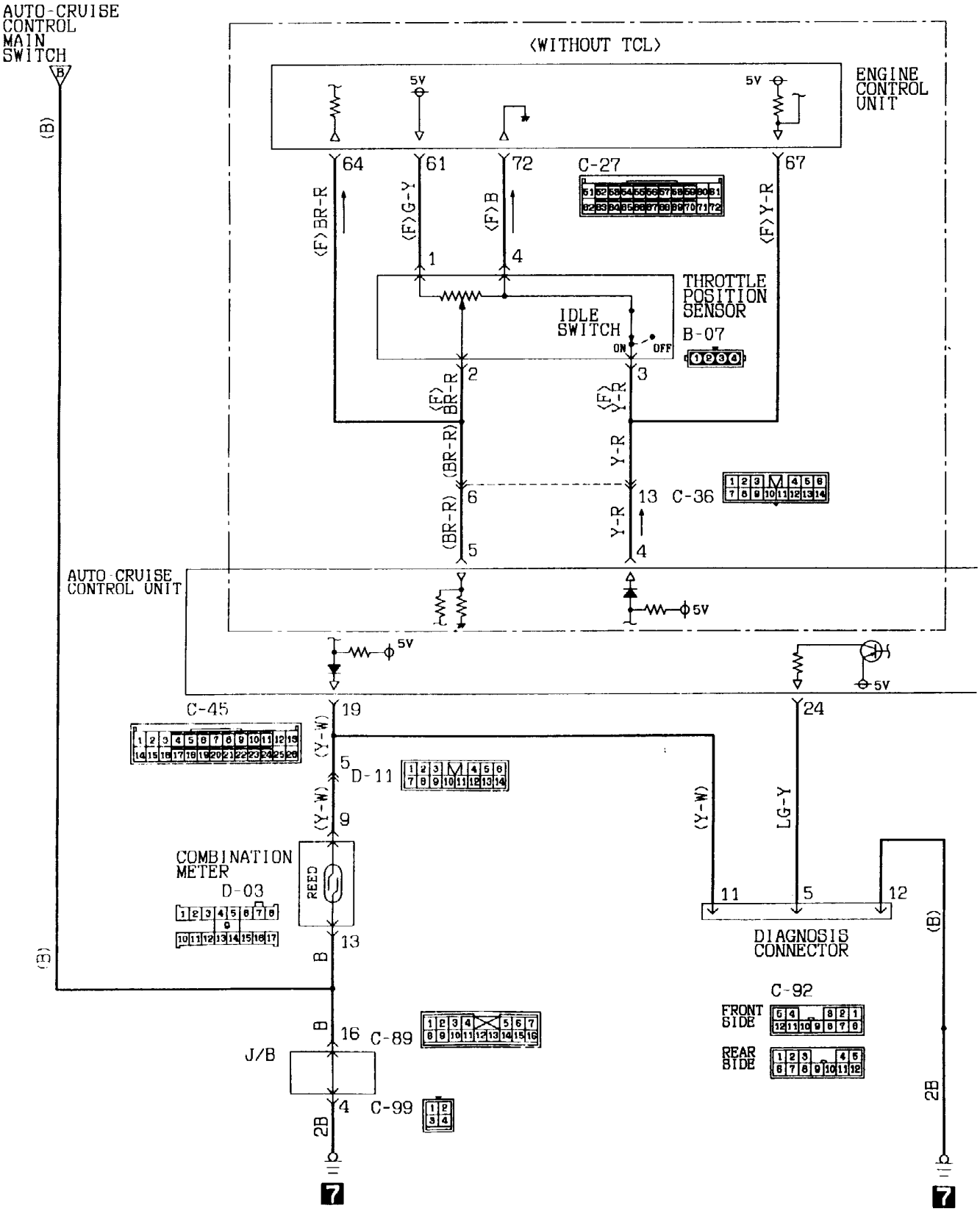
AUTO-CRUISE CONTROL UNIT C-45

KX35-AC-J1540A-EC

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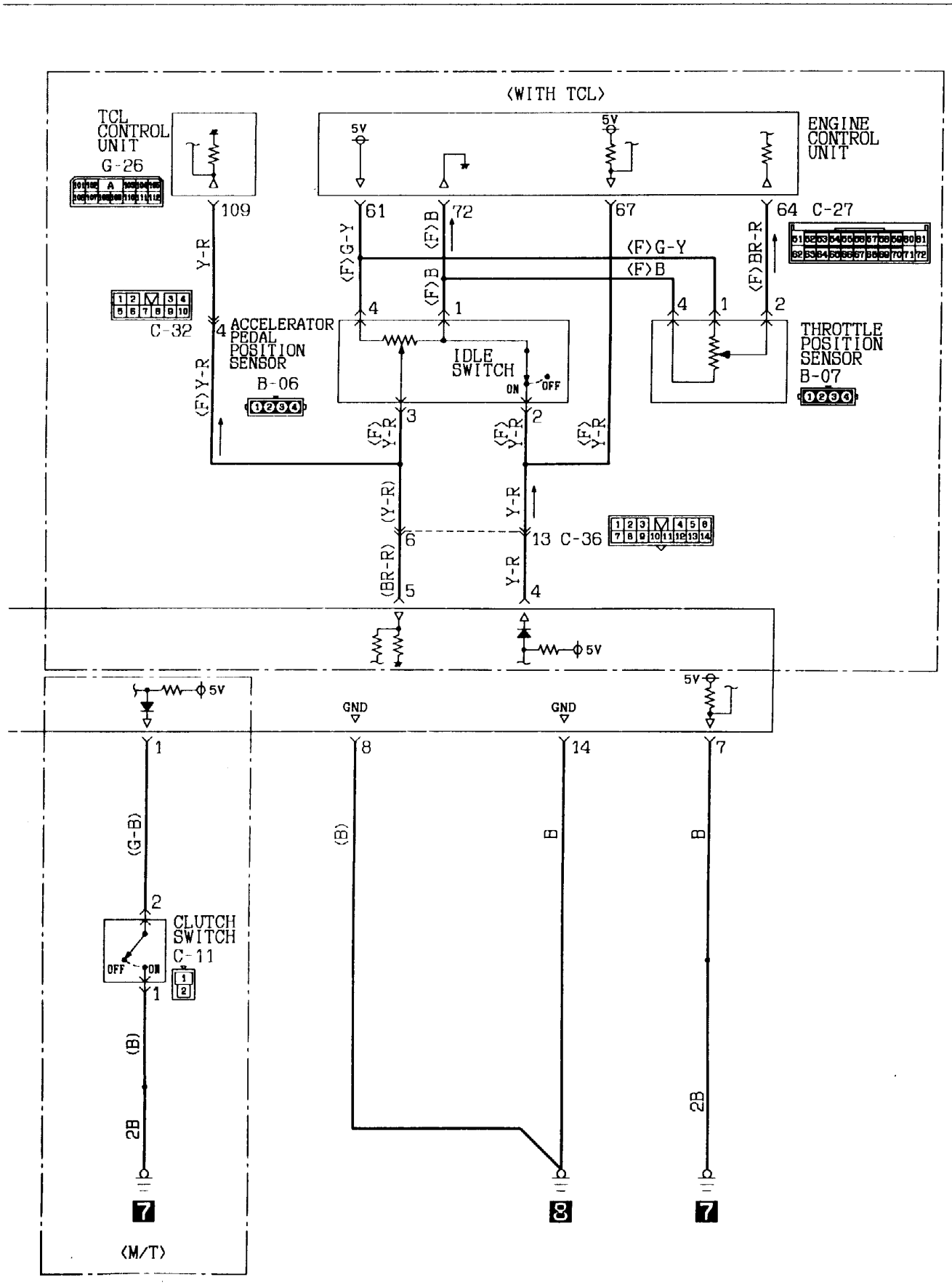
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Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-J1540B-EC

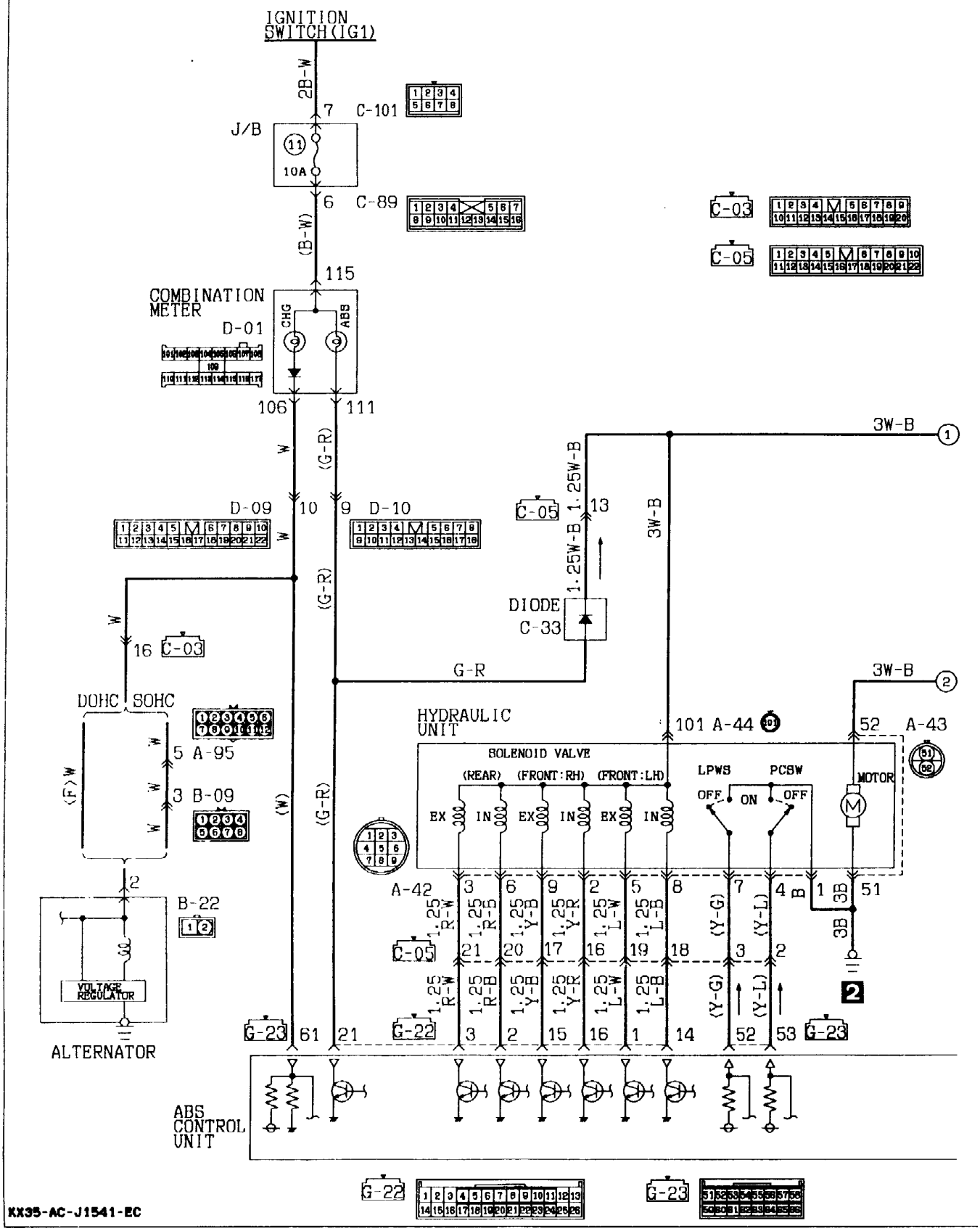
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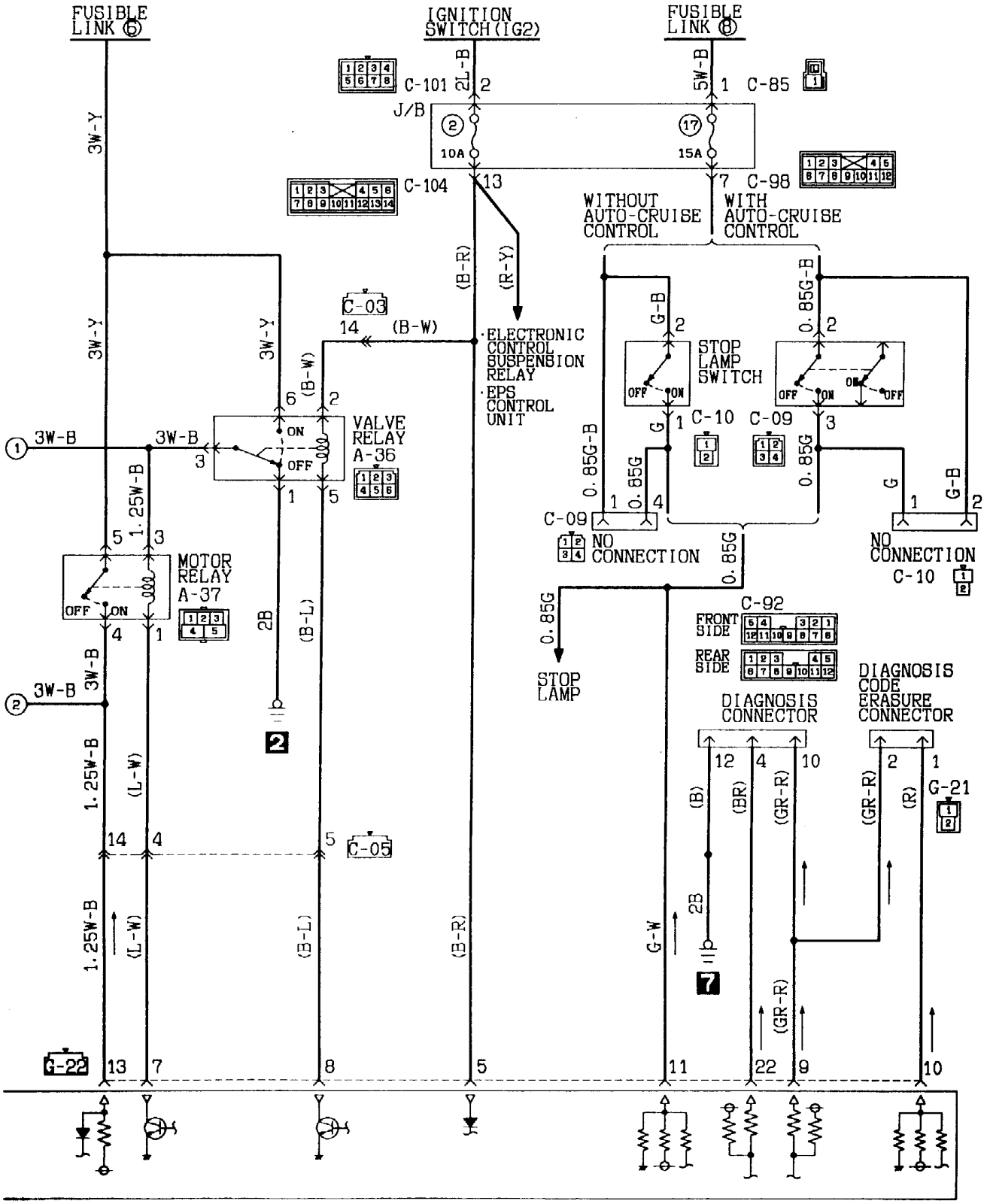
ANTI-LOCK BRAKE SYSTEM (ABS)

L.H. drive vehicles



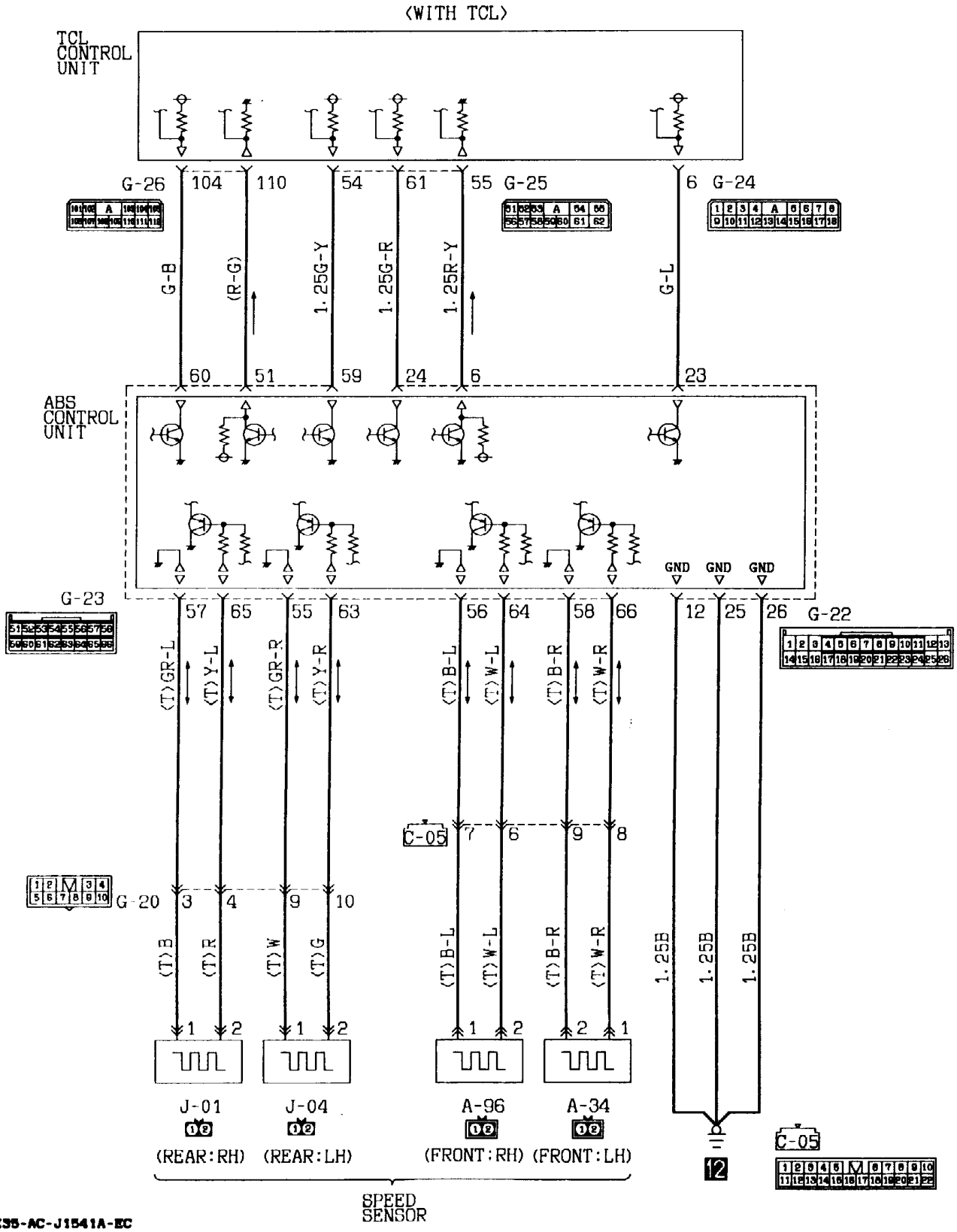
KX35-AC-J1541-EC

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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

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KX35-AC-J1541A-EC

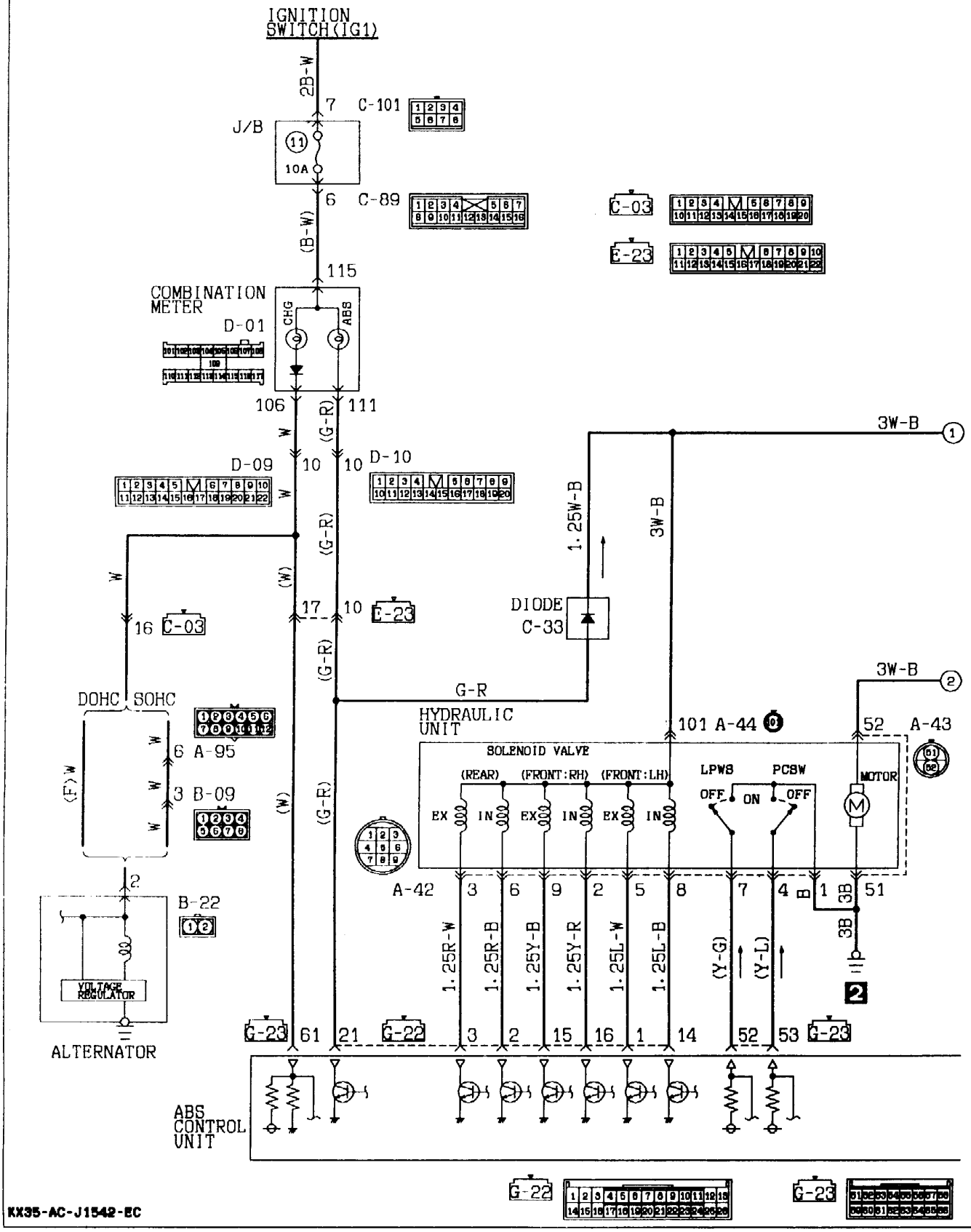
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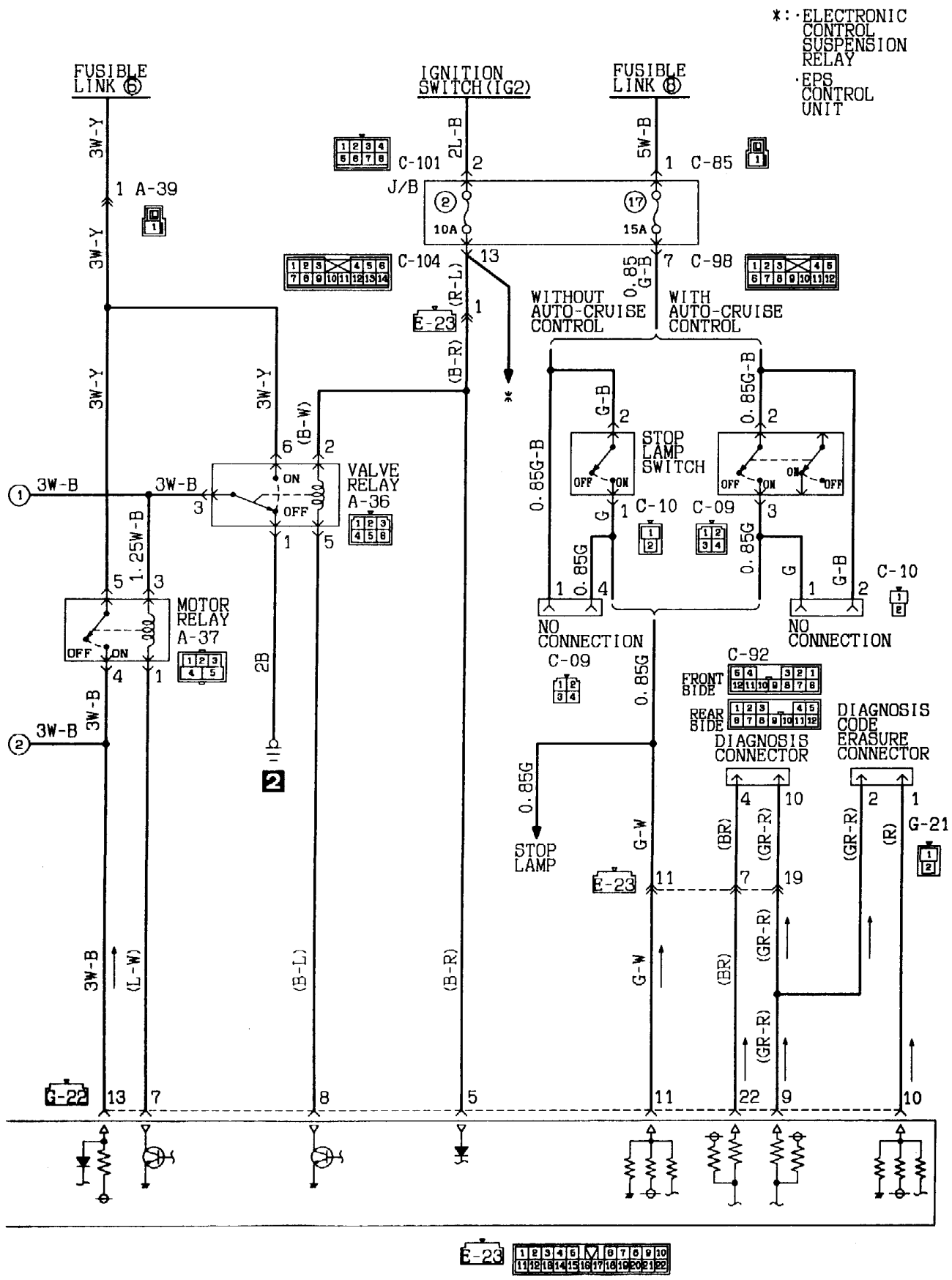
ANTI-LOCK BRAKE SYSTEM (ABS)

R.H. drive vehicles

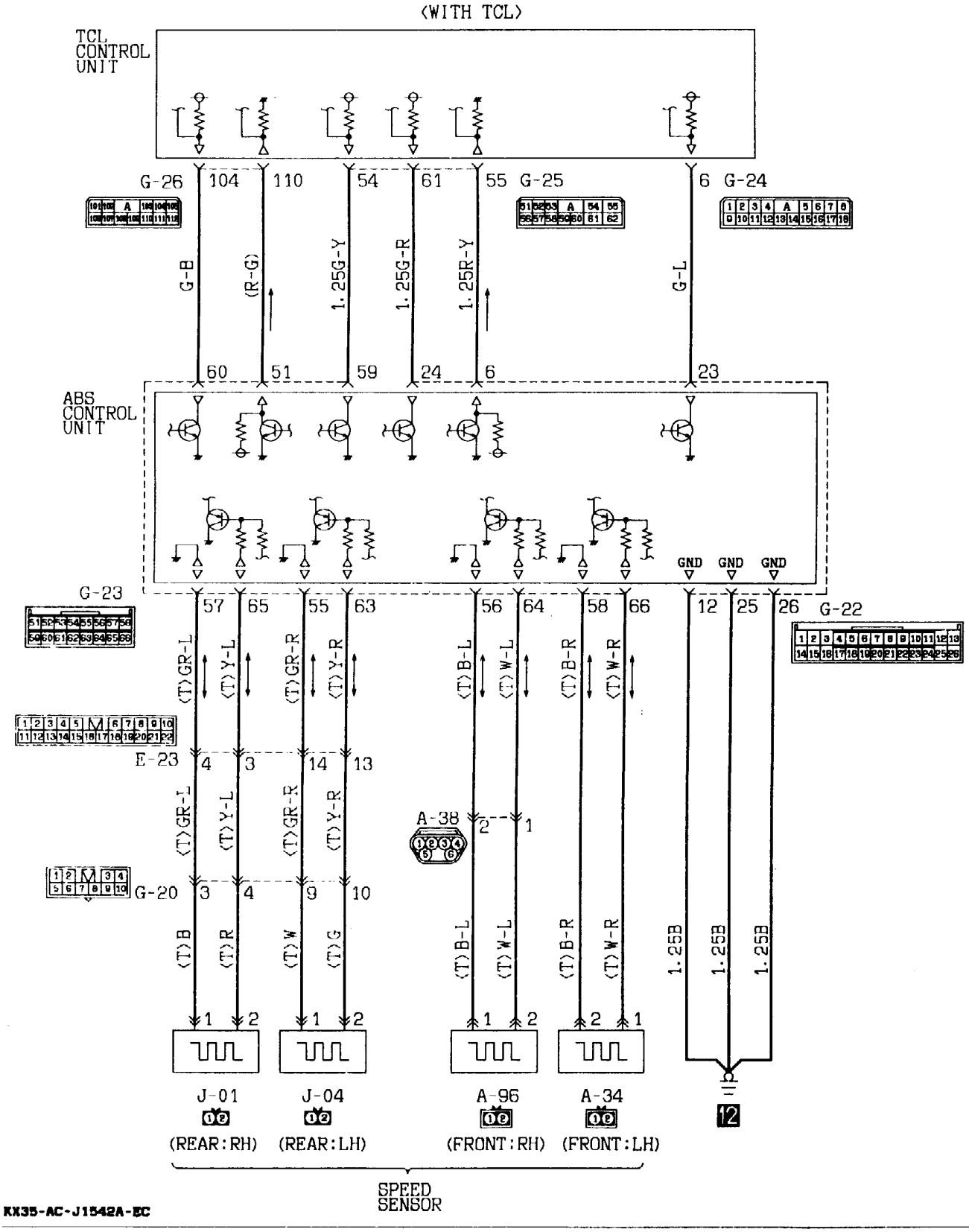


KX35-AC-J1542-EC

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KX35-AC-J1542A-EC

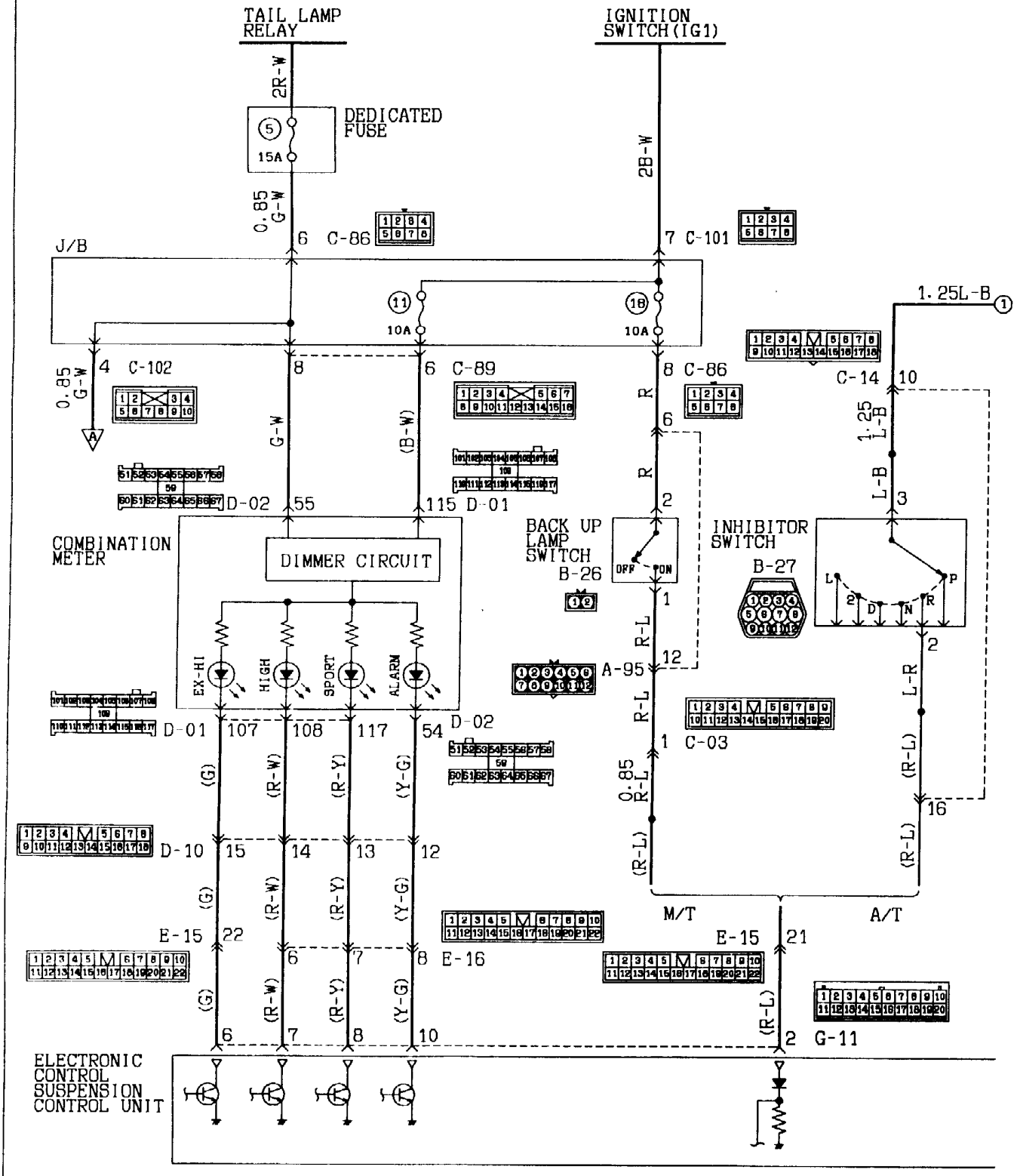
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ACTIVE-ELECTRONIC CONTROL SUSPENSION SYSTEM (ACTIVE-ECS)

L.H. drive vehicles

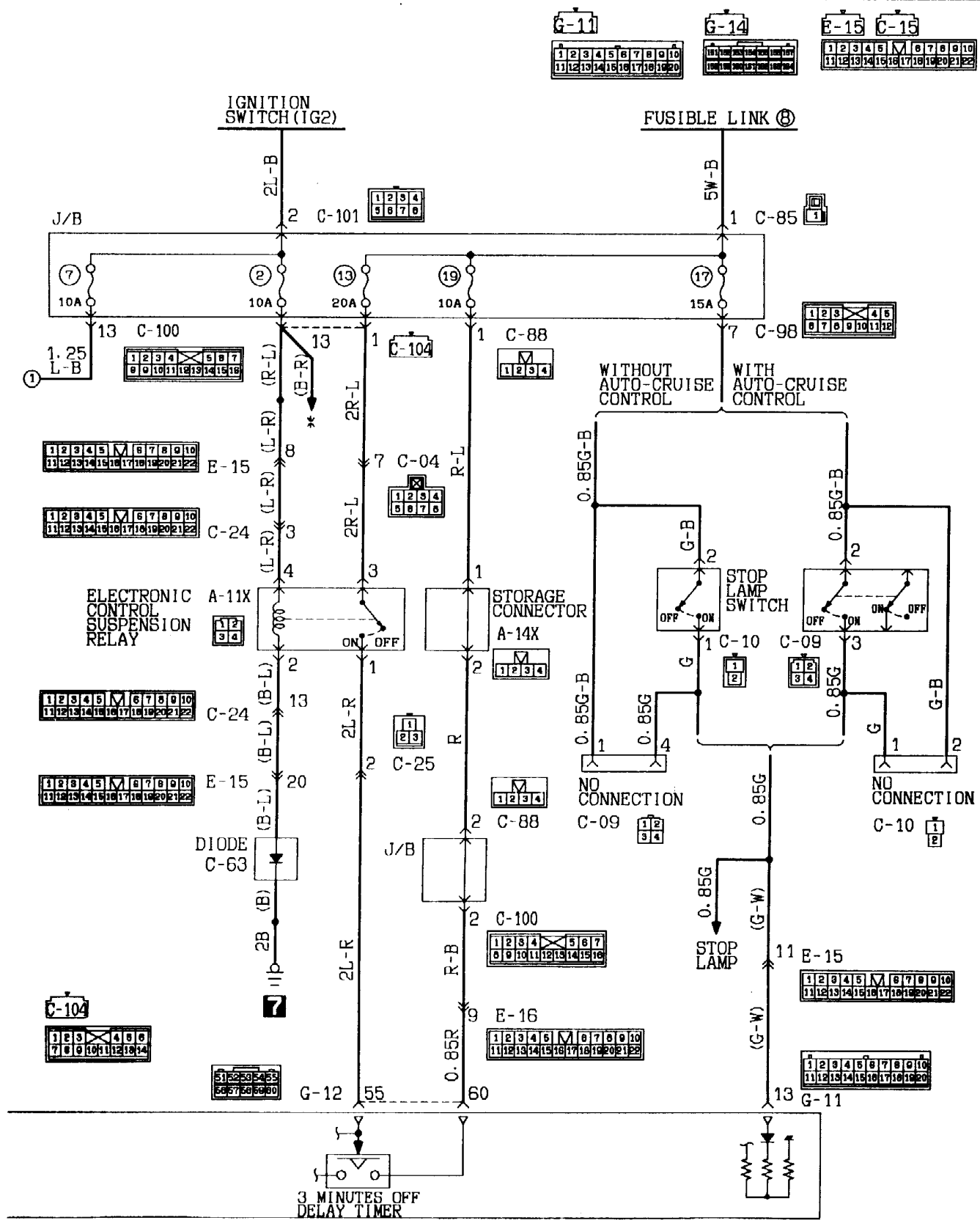


Wire colour code

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

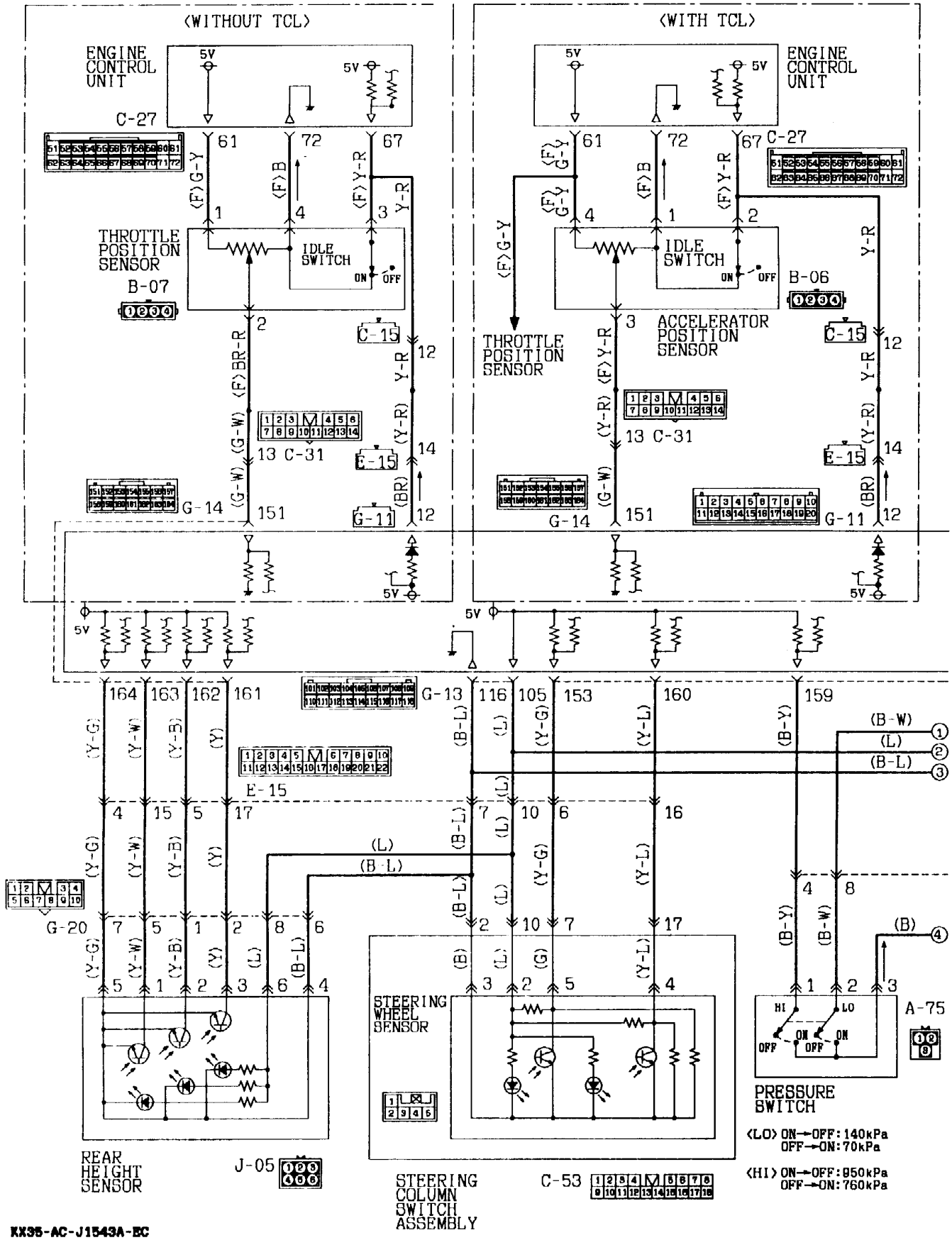
KX35-AC-J1543-EC

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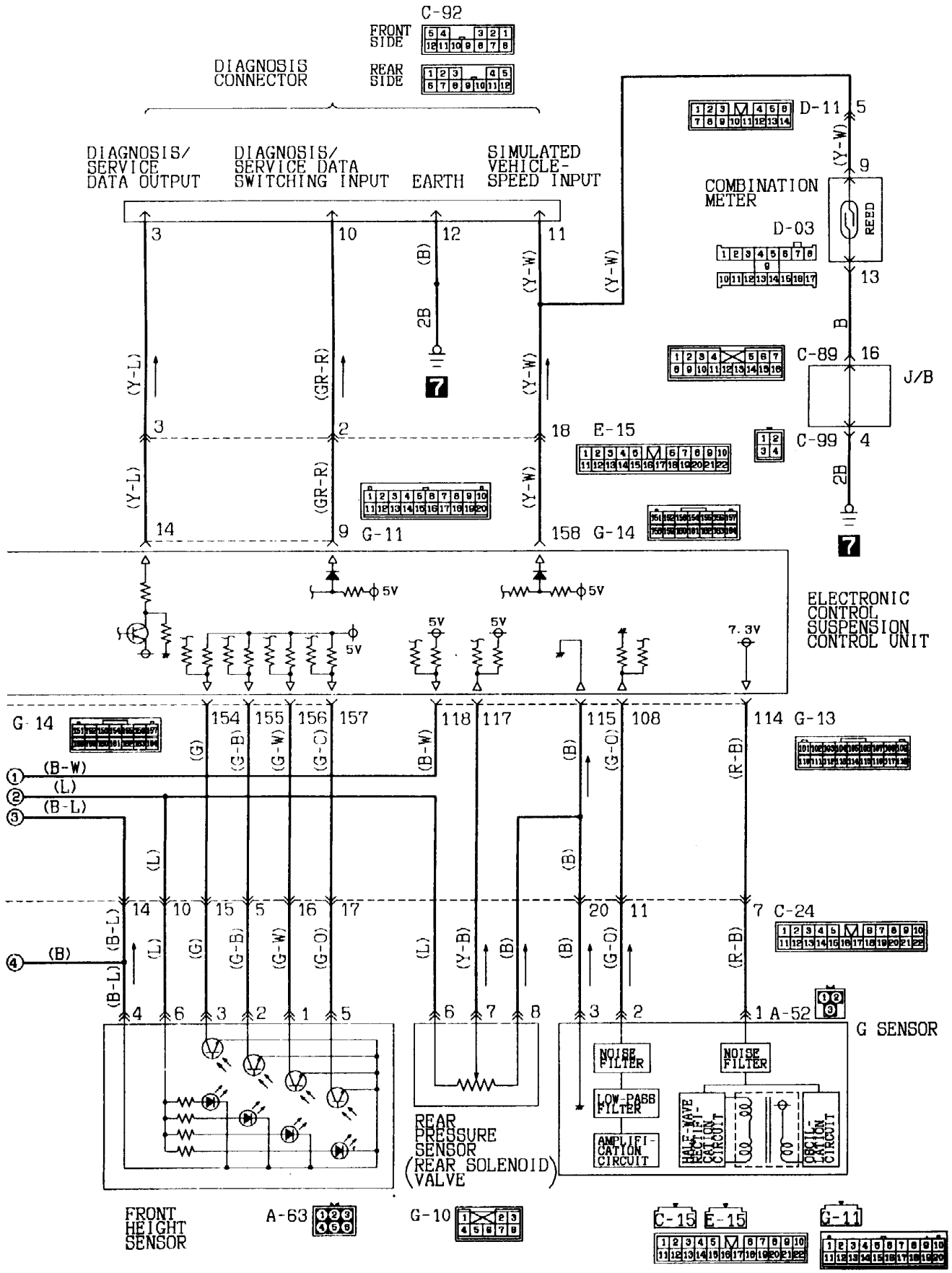
Remark
*: ABS CONTROL UNIT, VALVE RELAY

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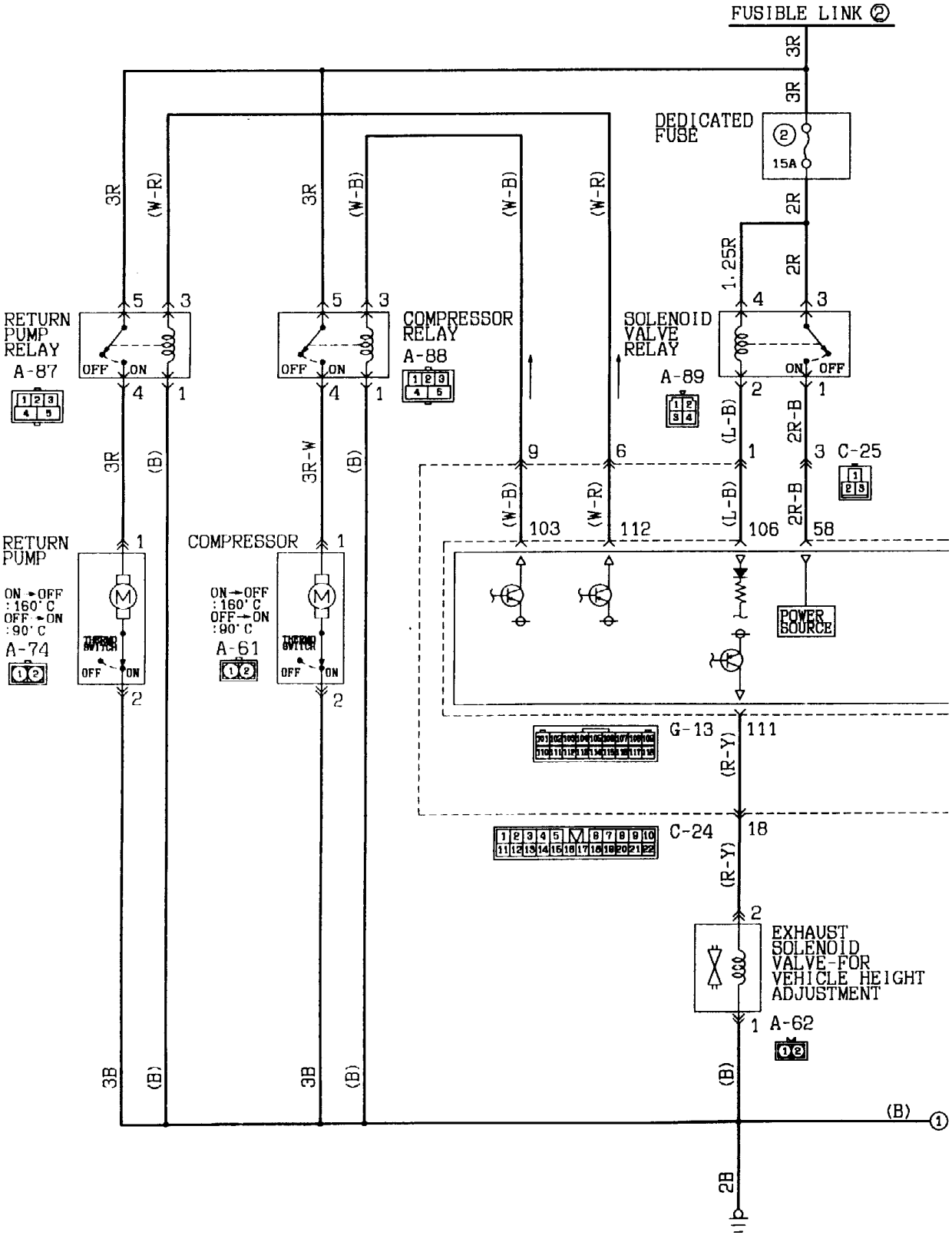


KX35-AC-J1543A-EC

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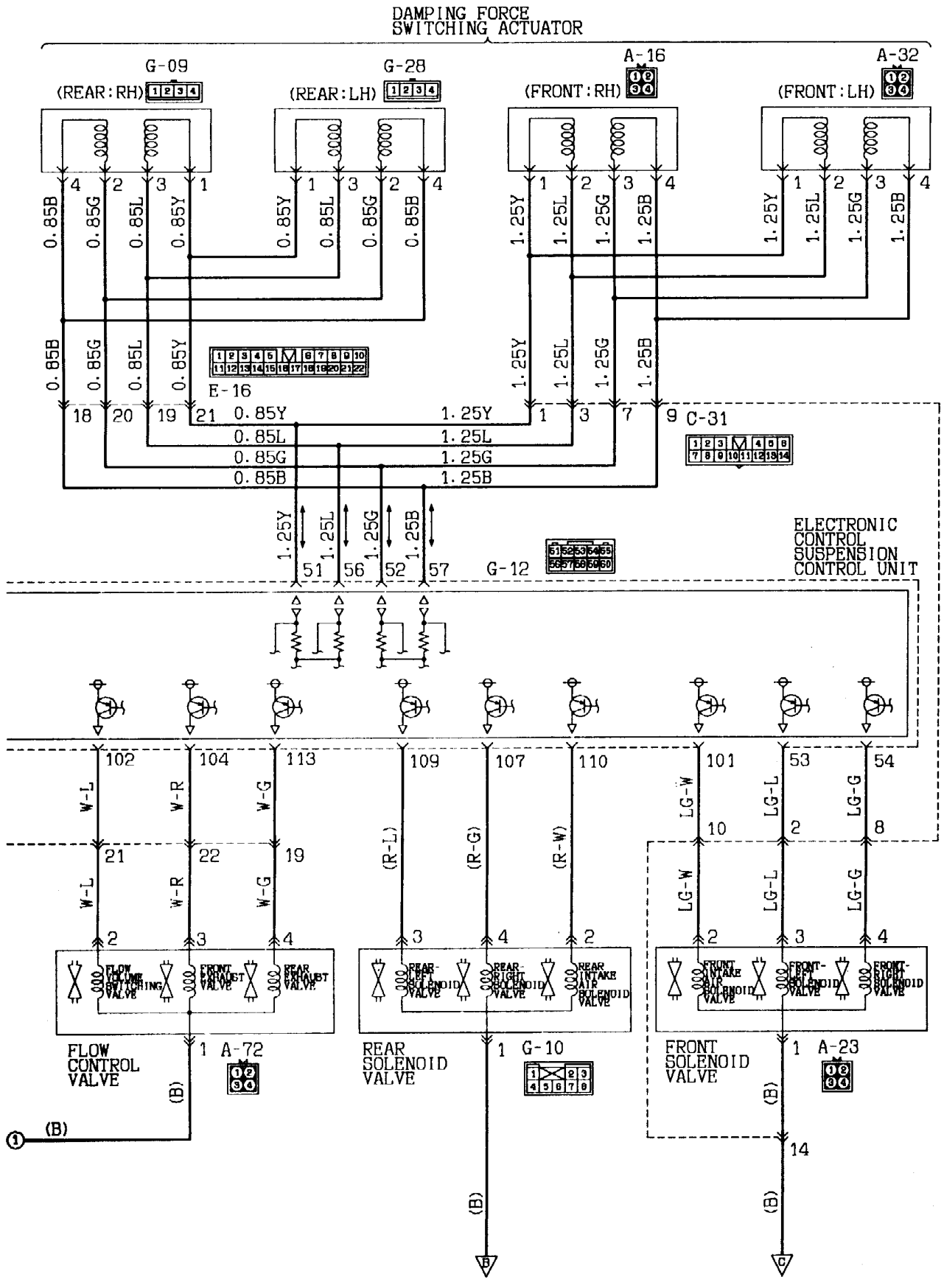


Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

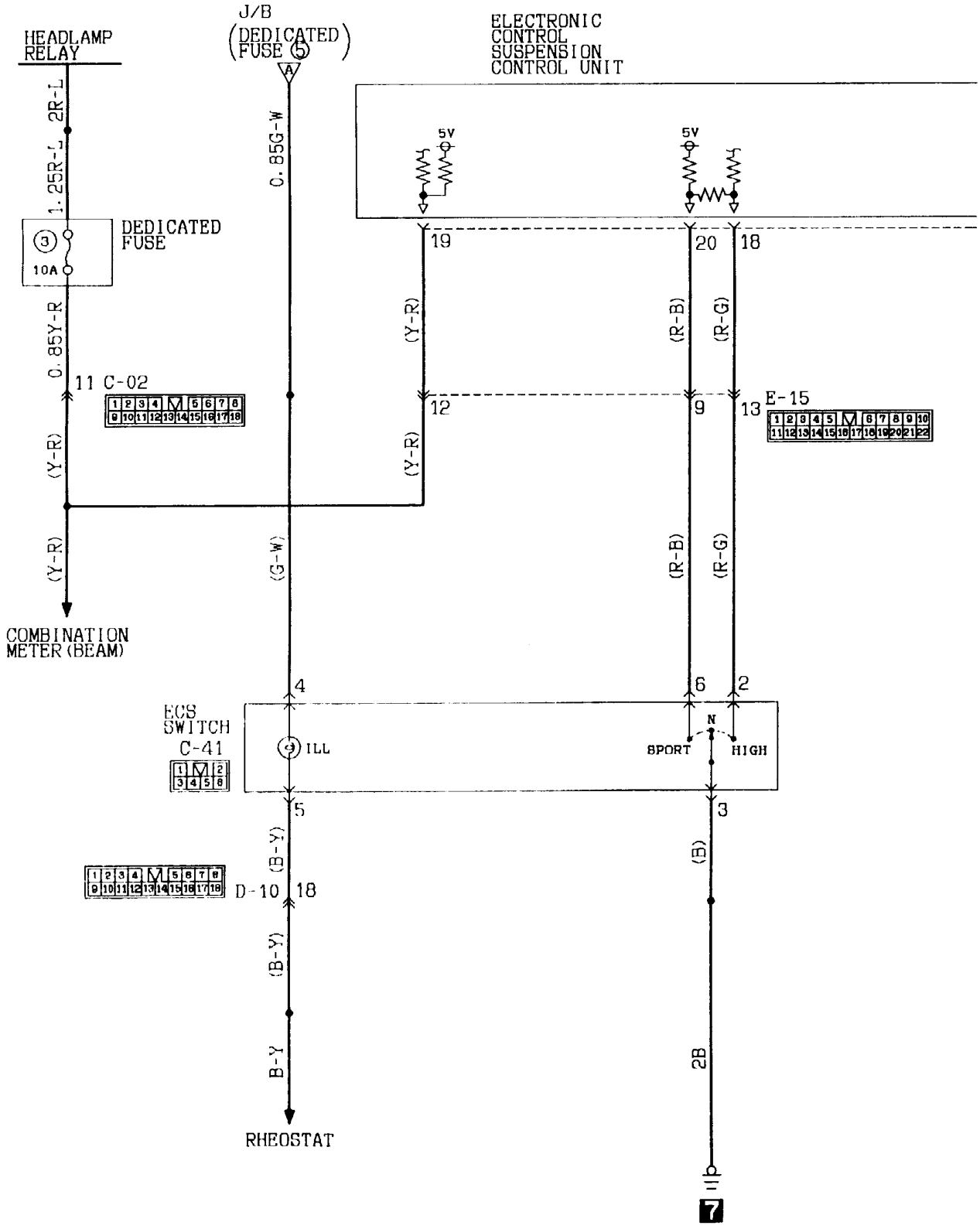
XX35-AC-J1543B-EC

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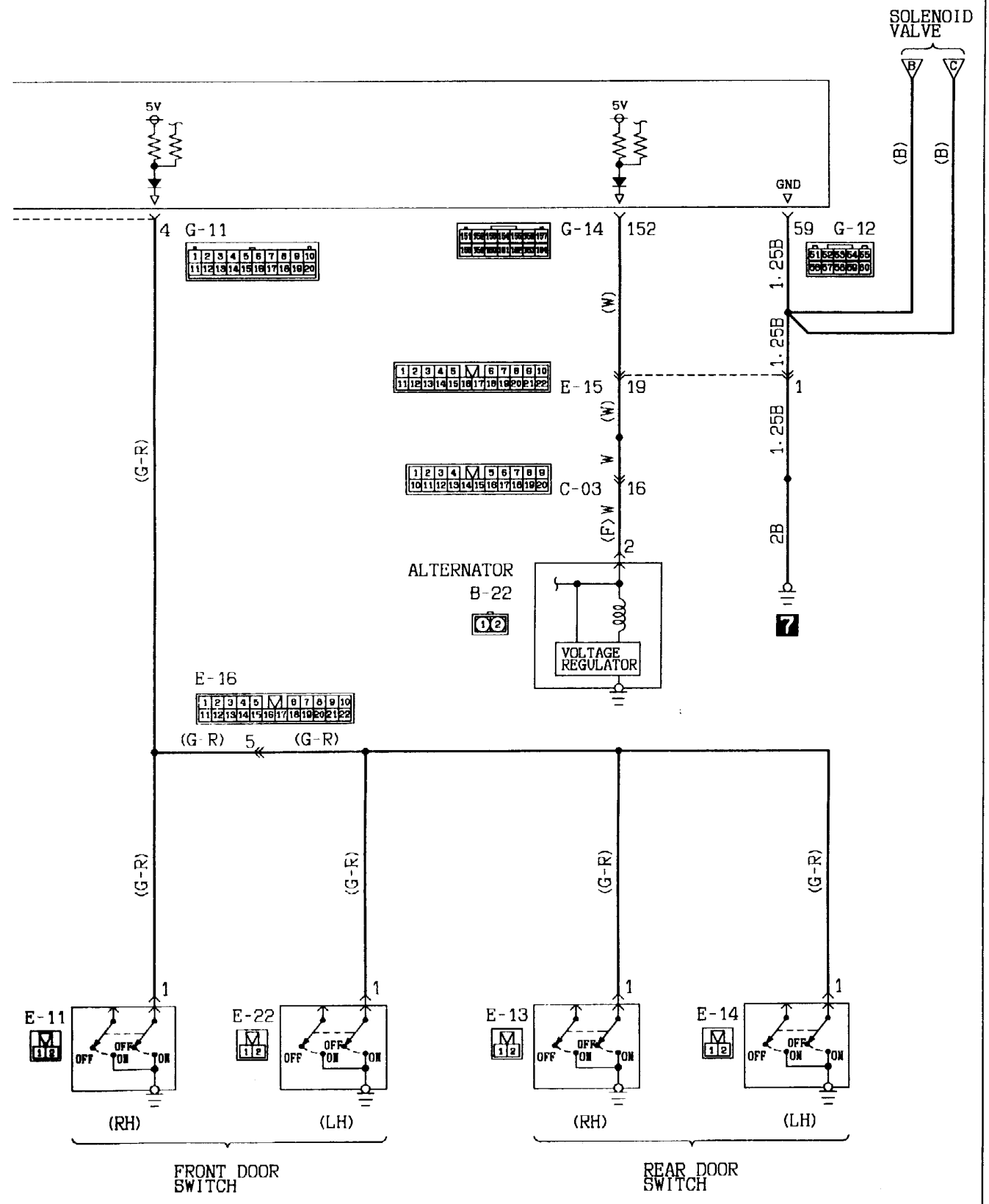


Wire colour code

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

RX35-AC-J1543C-EC

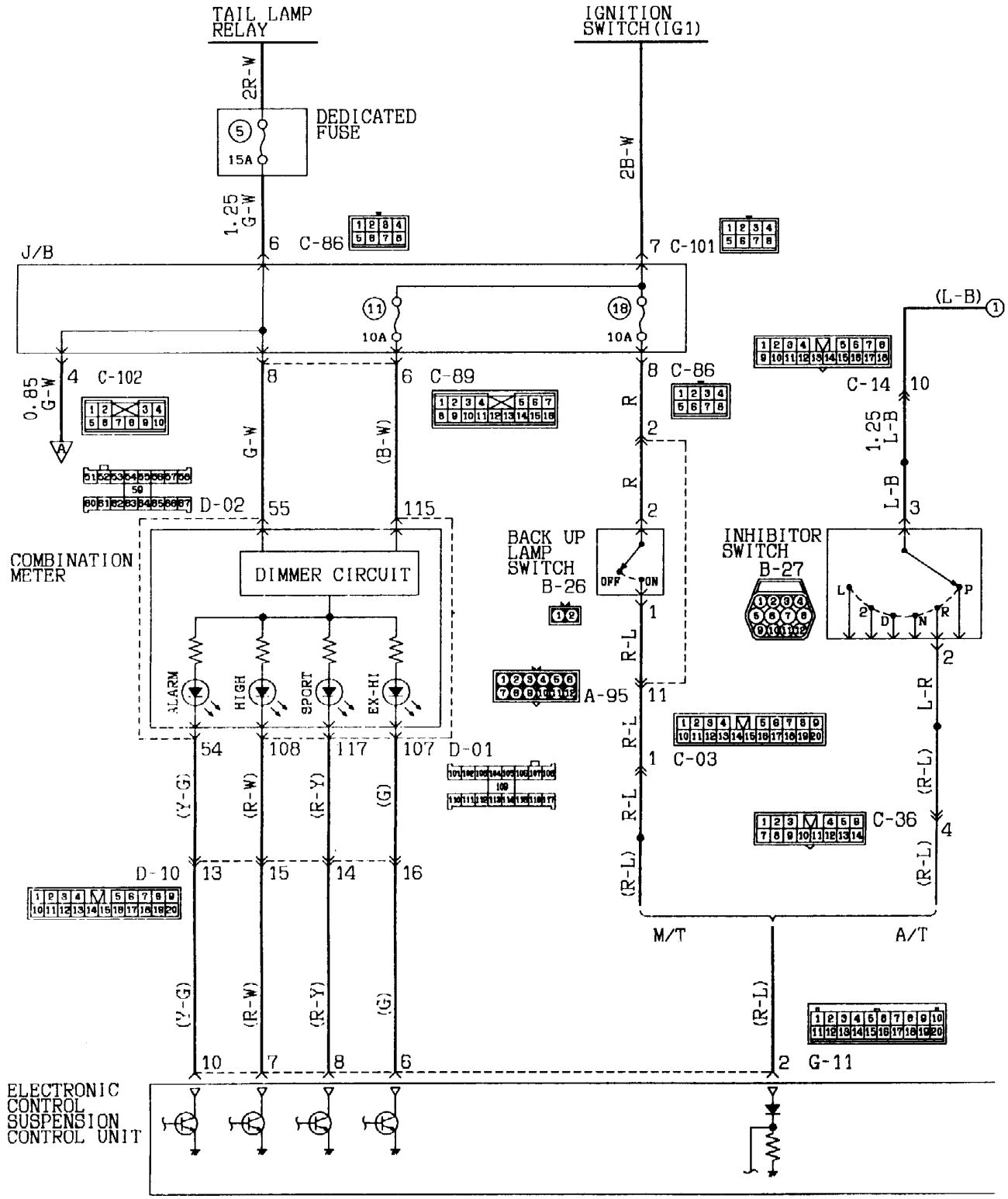
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ACTIVE-ELECTRONIC CONTROL SUSPENSION SYSTEM (ACTIVE-ECS)

R.H. drive vehicles

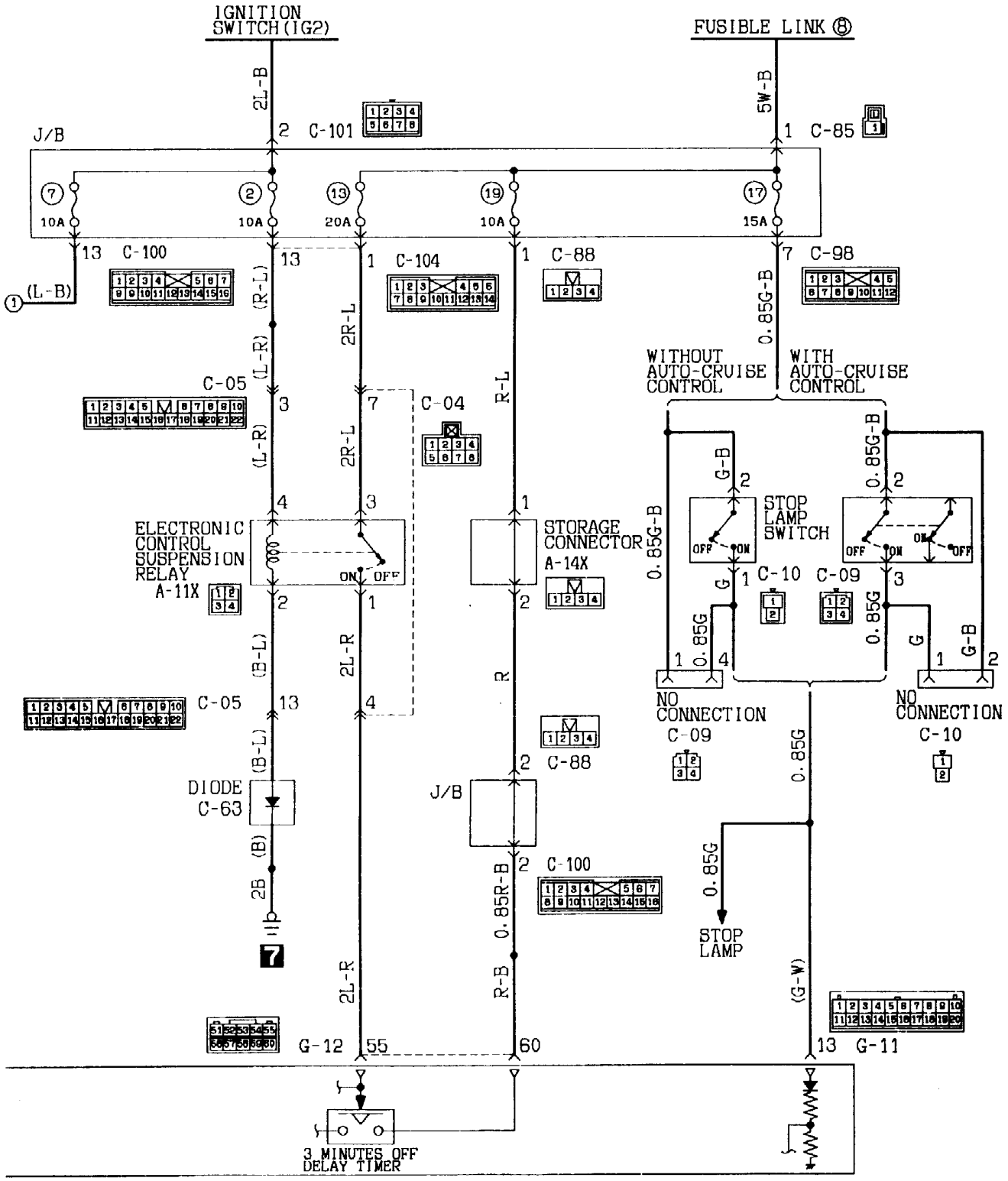


Wire colour code

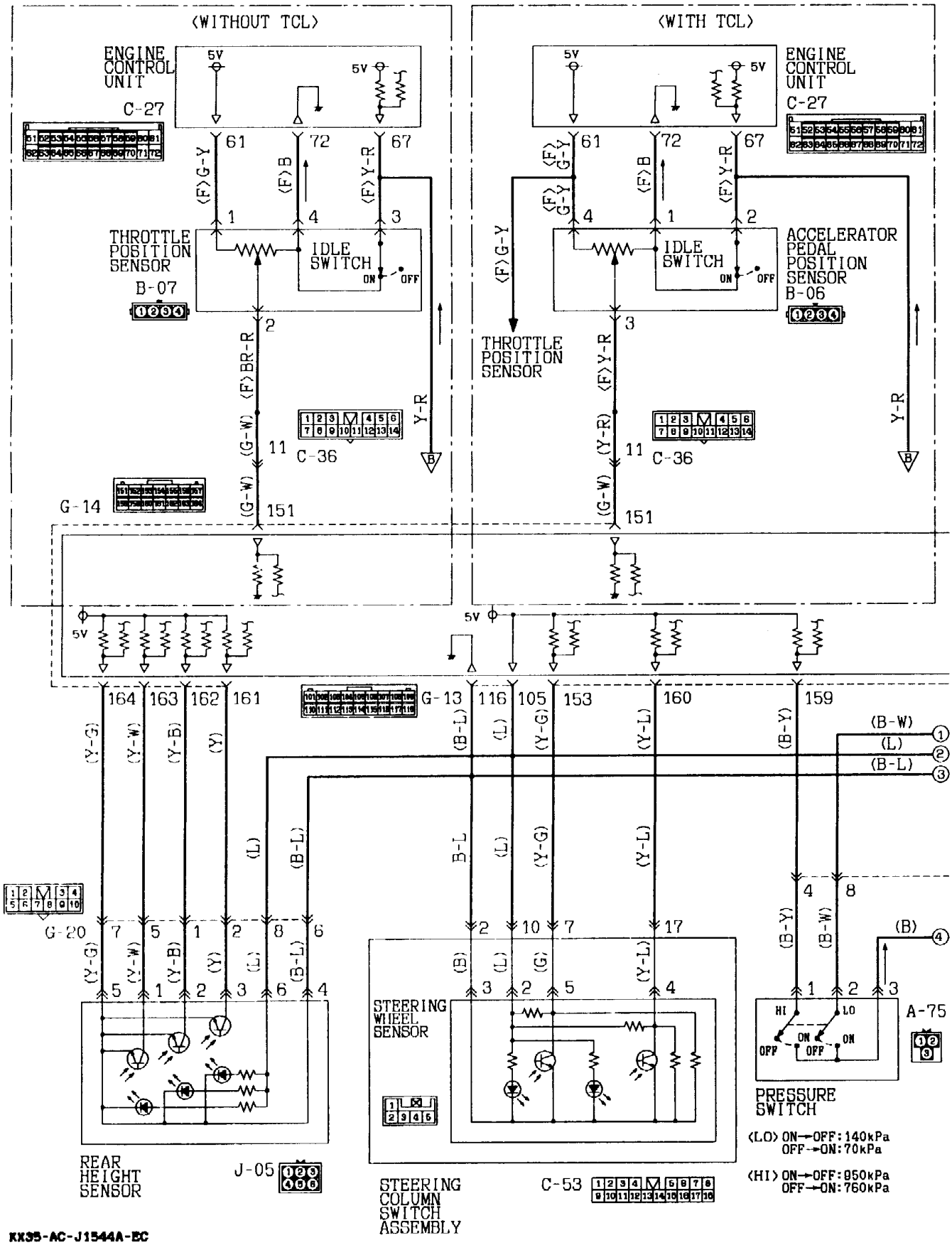
B:Black	LG:Light Green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue	
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		

KX35-AC-J1544-EC

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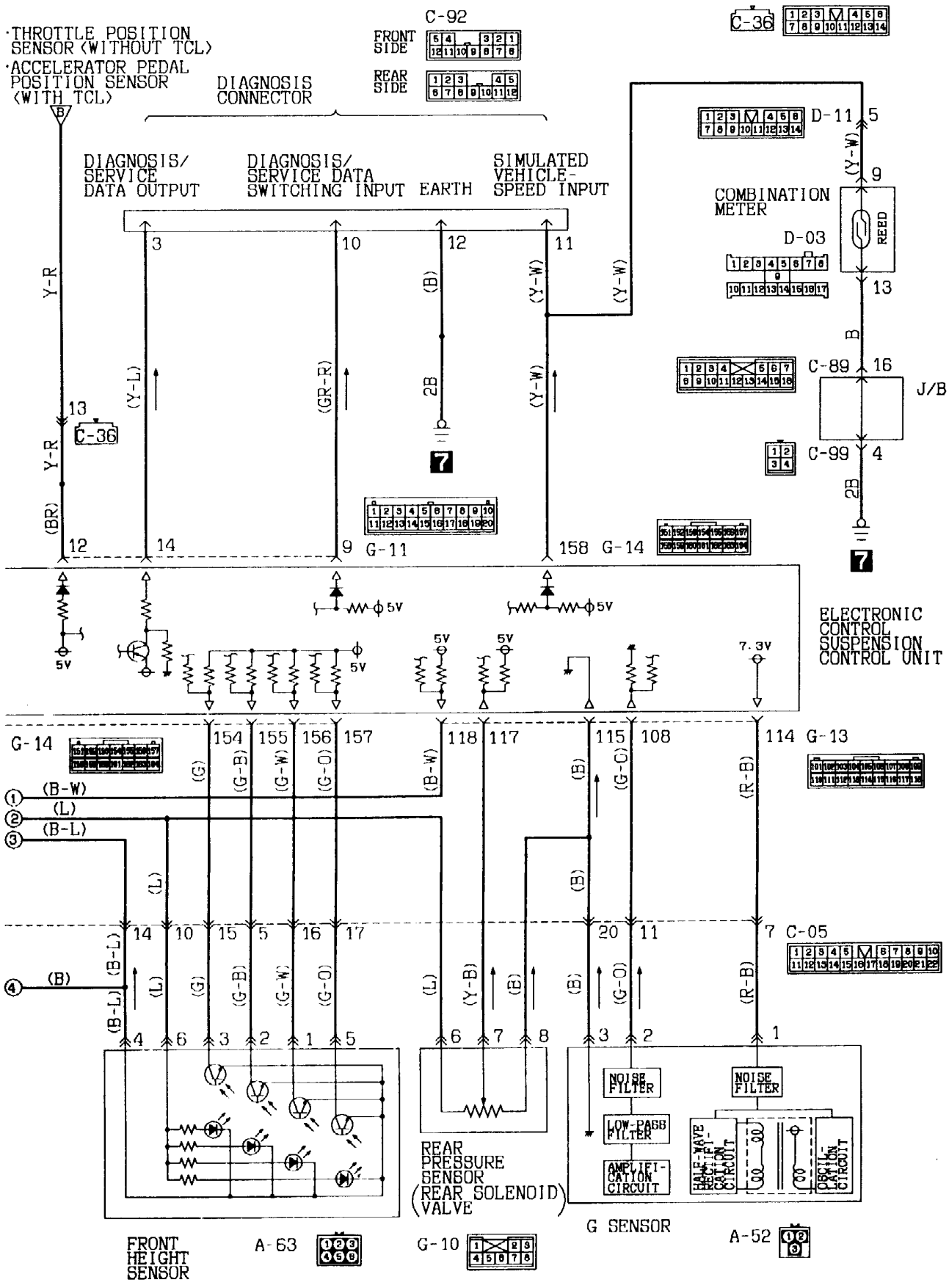


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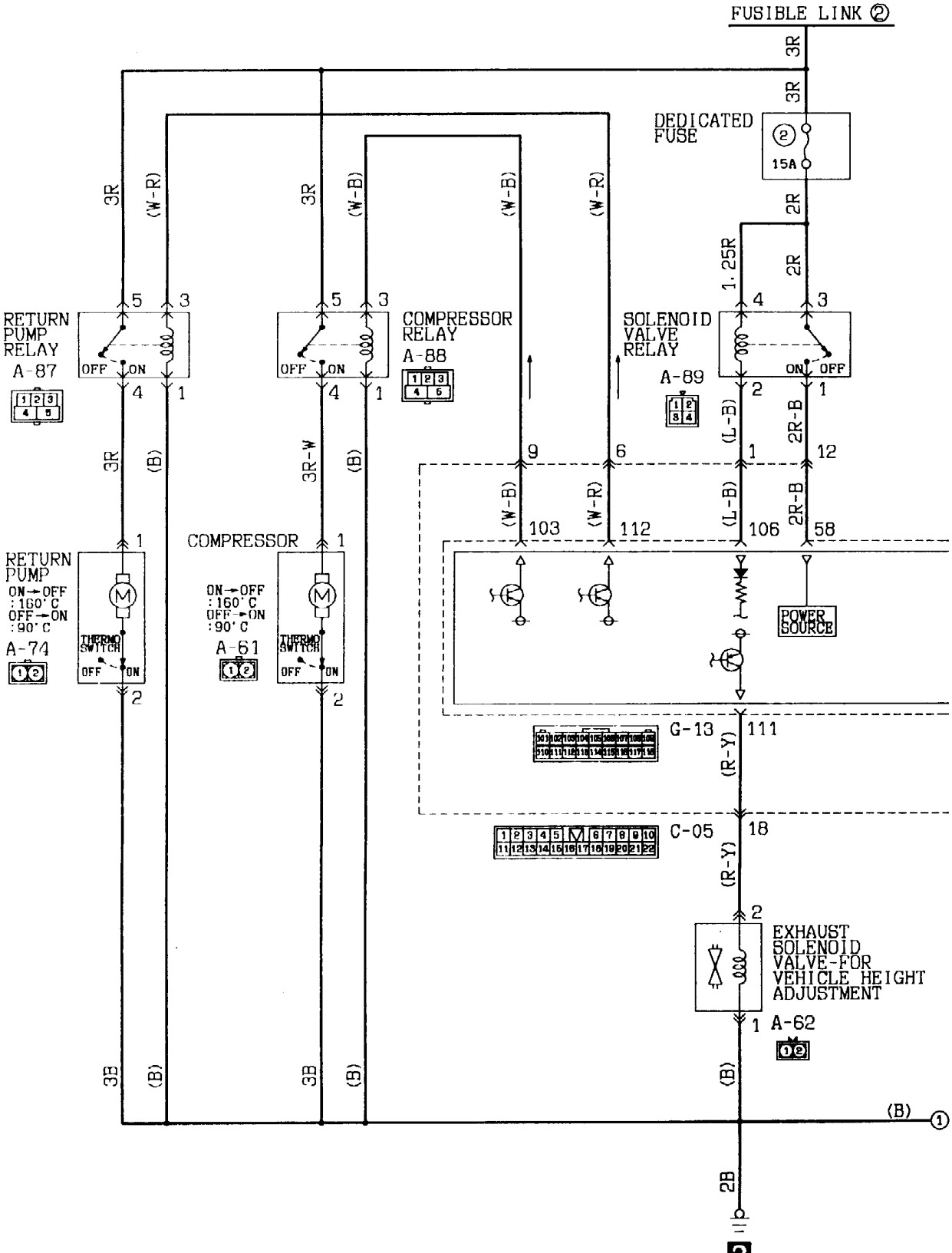


KX35-AC-J1544A-BC

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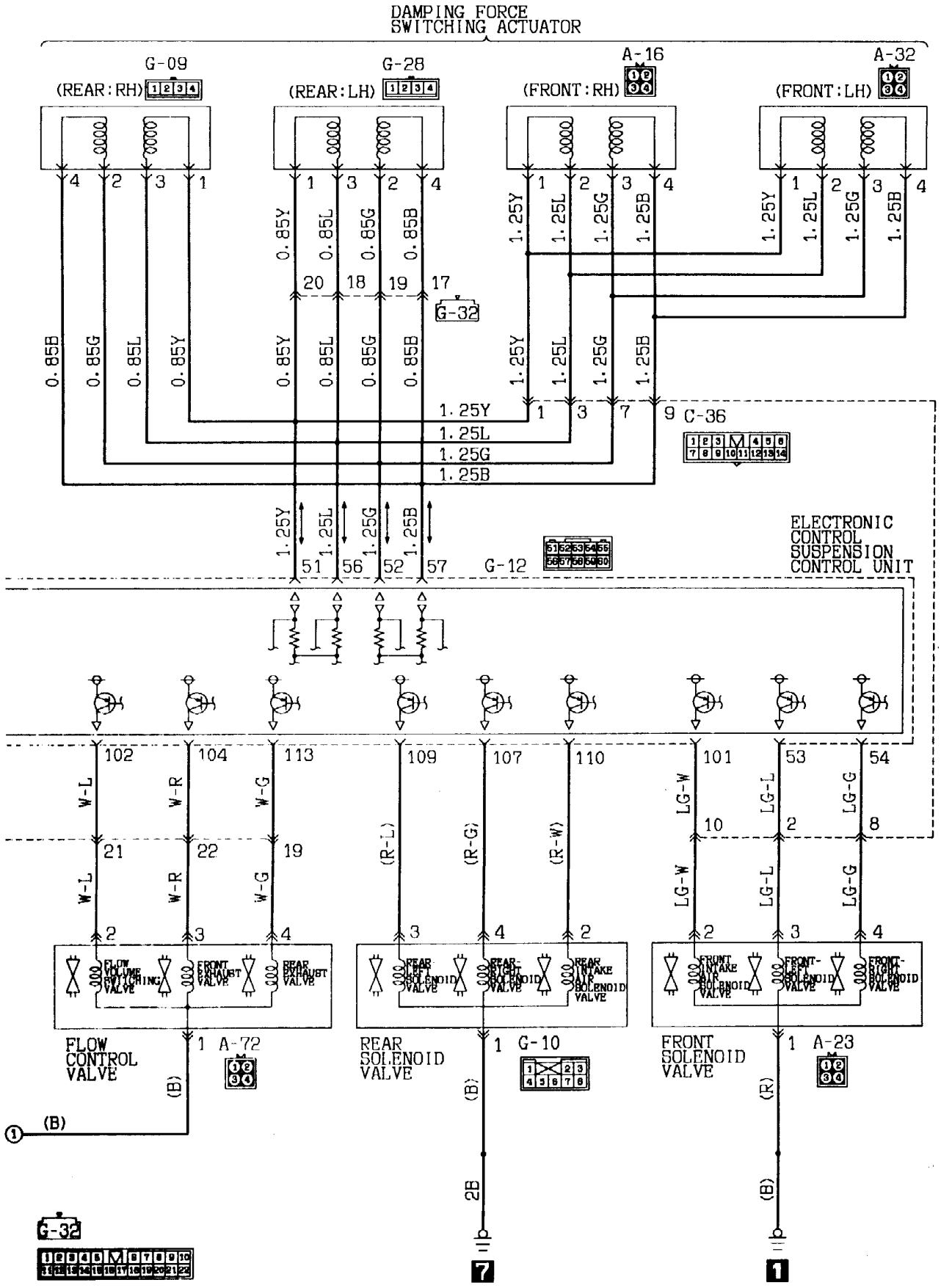


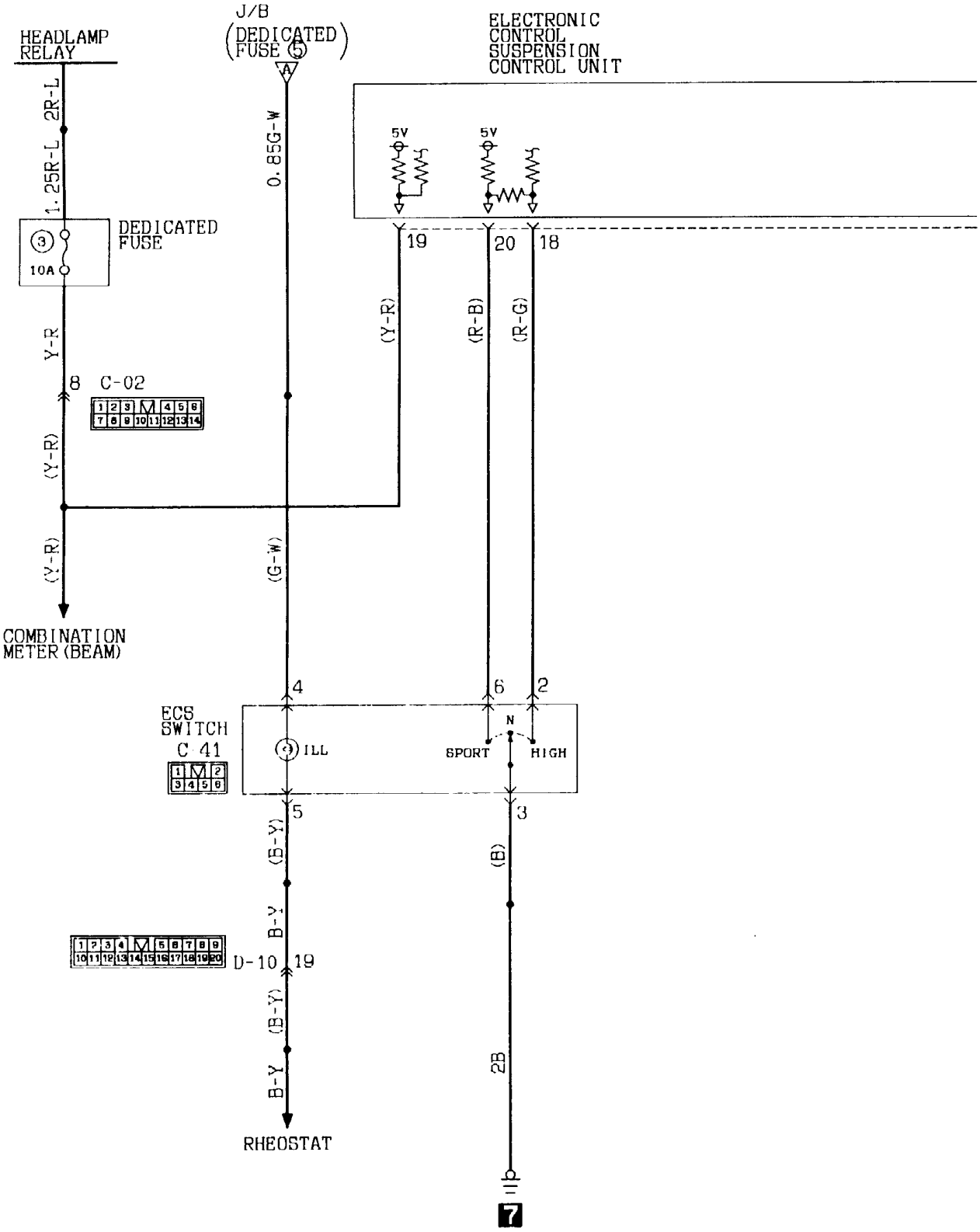
Wire colour code

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

RX35-AC-J1544B-EC

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DAMPING FORCE
SWITCHING ACTUATOR
G-09
(REAR:RH)
G-28
(REAR:LH)
A-16
(FRONT:RH)
A-32
(FRONT:LH)
0.85Y
0.85L
0.85G
0.85B
1.25Y
1.25L
1.25G
1.25B
G-32
C-36
G-12
ELECTRONIC
CONTROL
SUSPENSION
CONTROL UNIT
W-L
W-R
W-G
(R-L)
(R-G)
(R-W)
LG-W
LG-L
LG-G
FLOW
CONTROL
VALVE
A-72
REAR
SOLENOID
VALVE
G-10
FRONT
SOLENOID
VALVE
A-23
2B
7
1

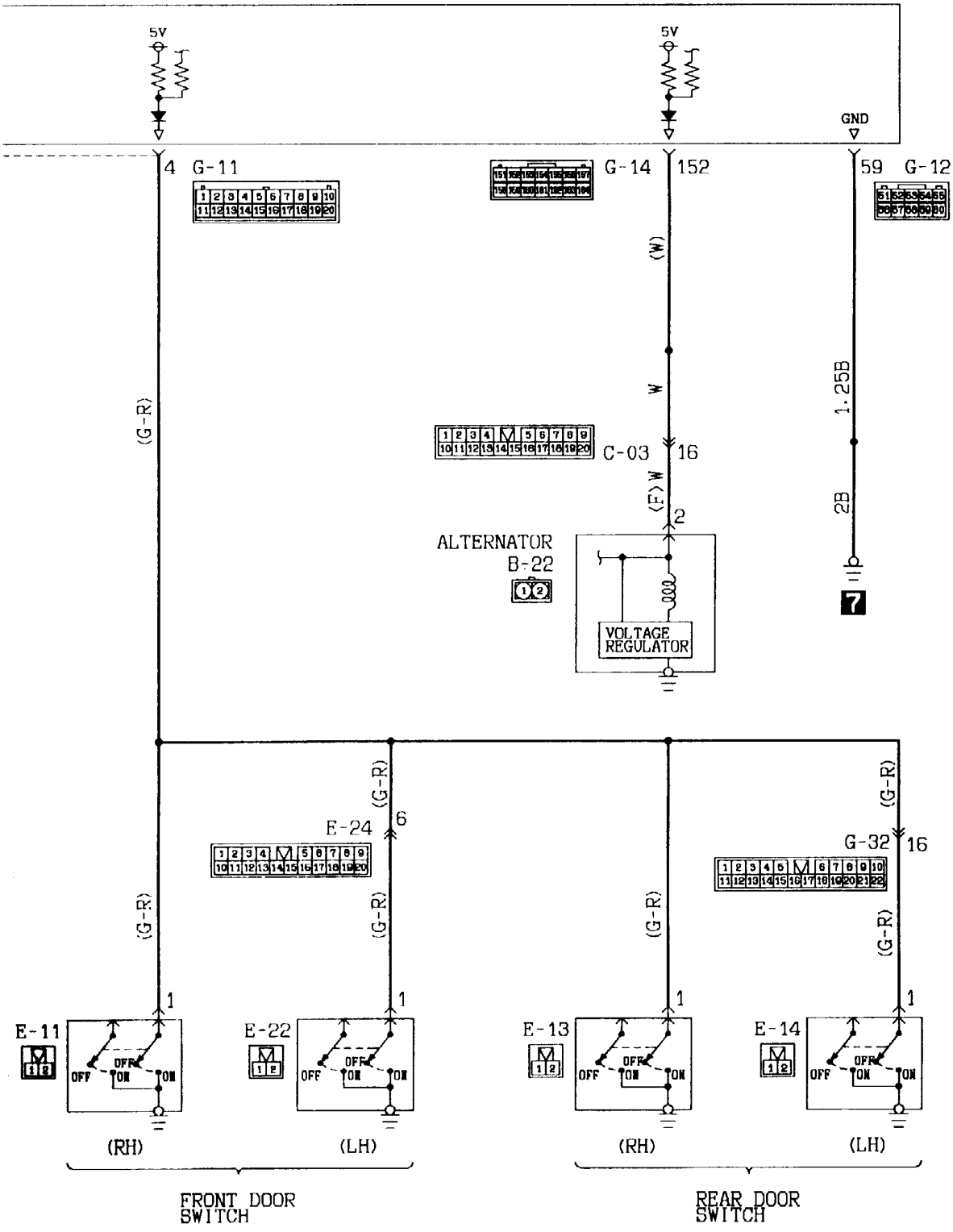


Wire colour code

B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue	
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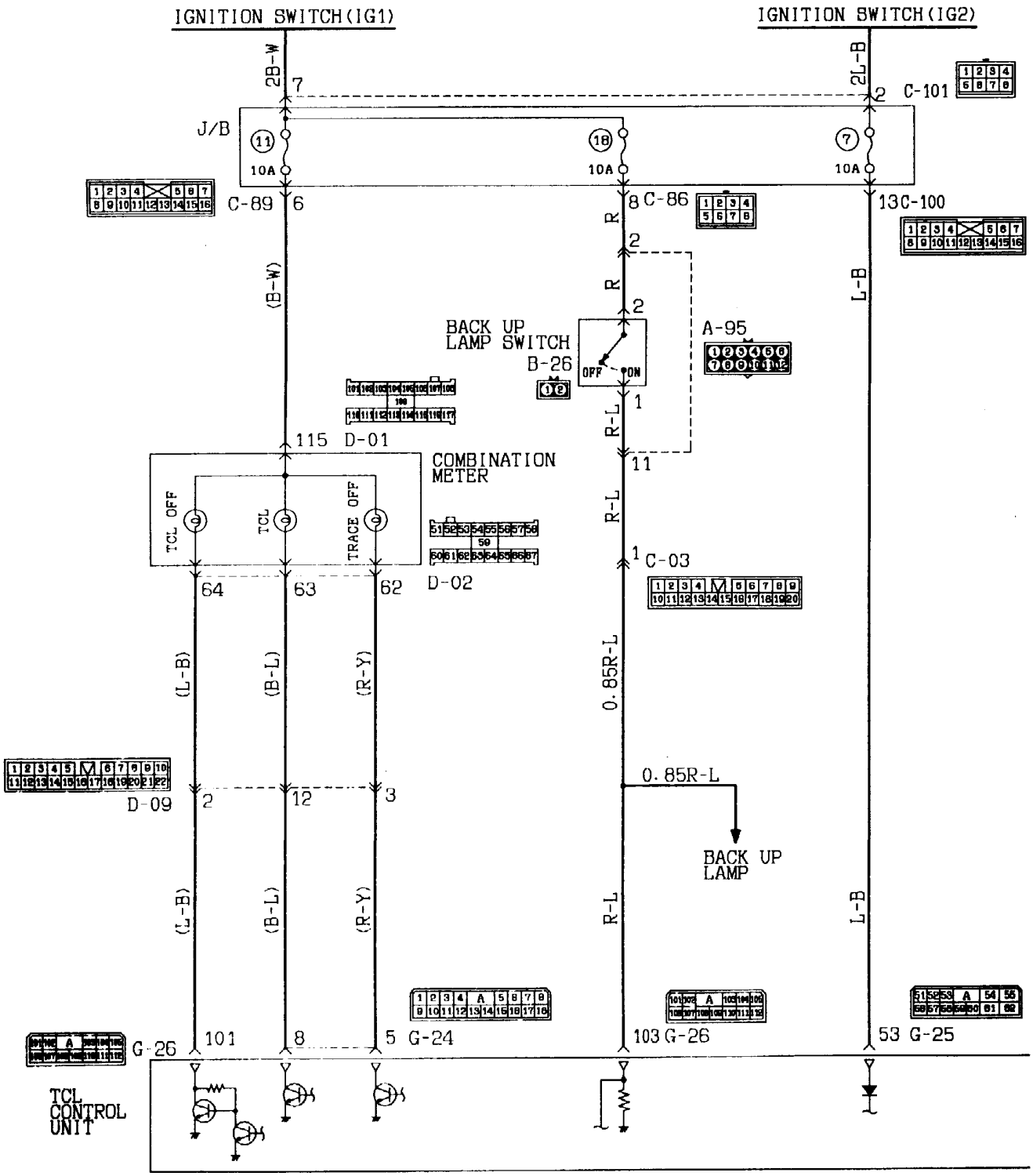
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TRACTION CONTROL SYSTEM (TCL)

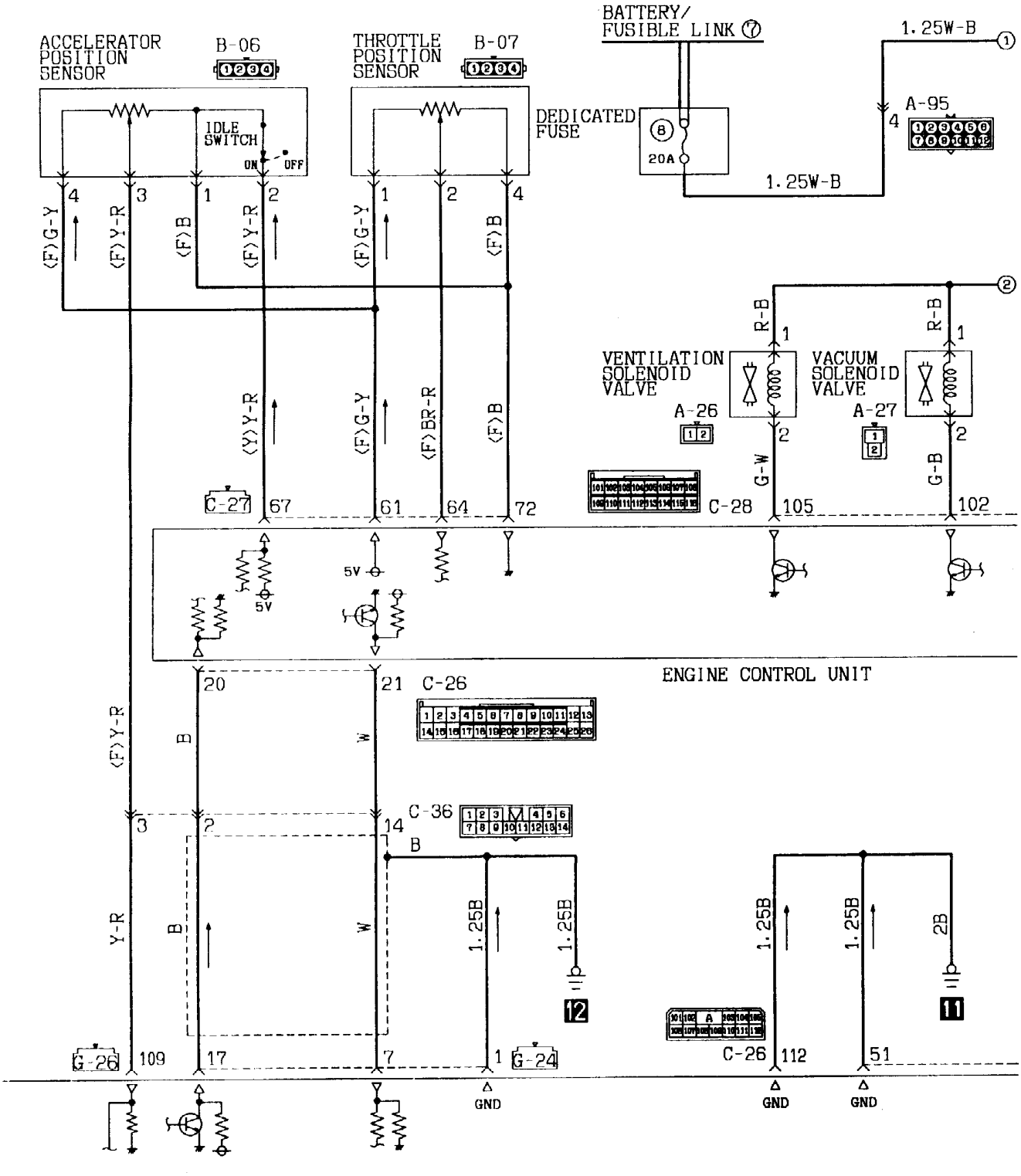
M/T (L.H. drive vehicles)



Wire colour code

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

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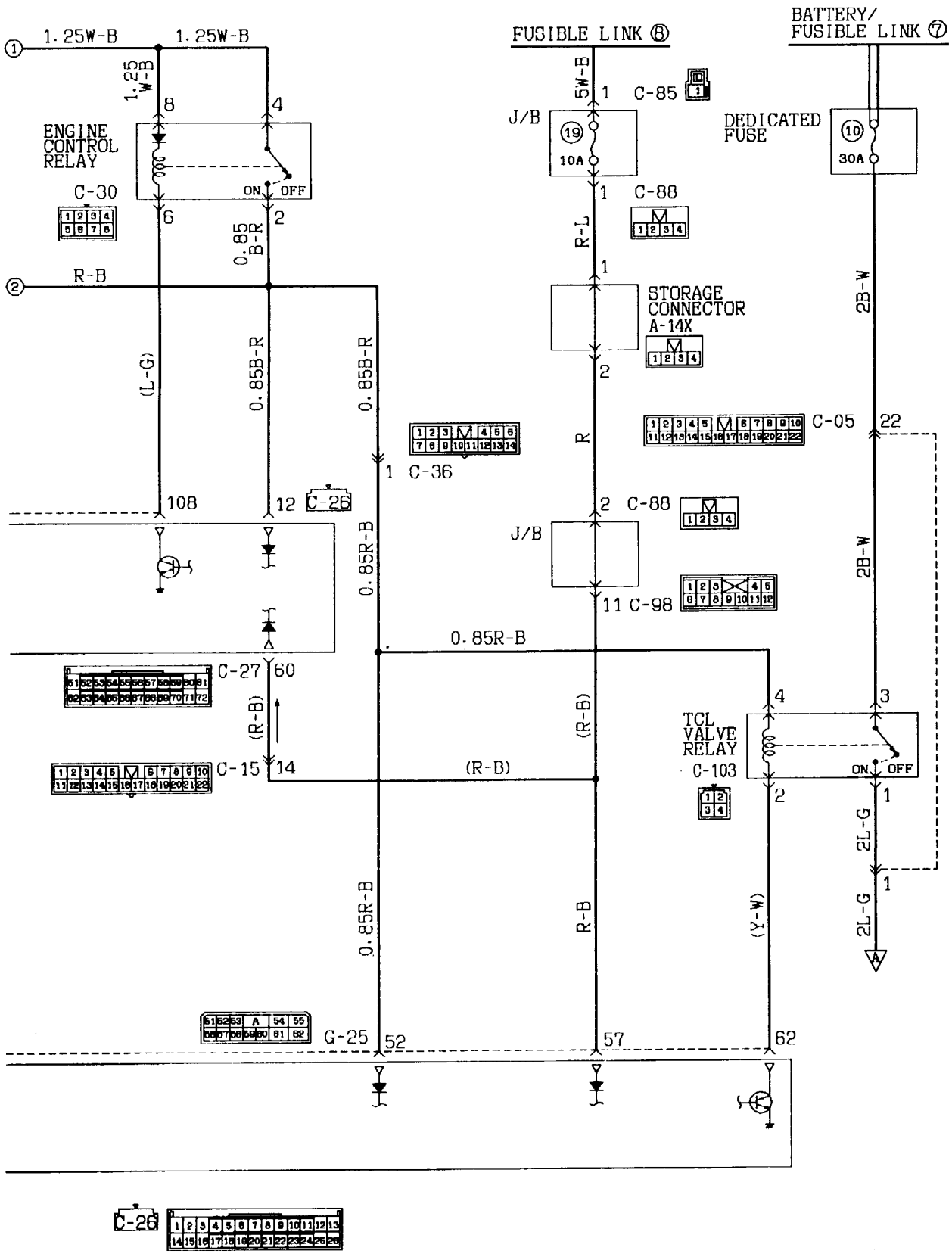




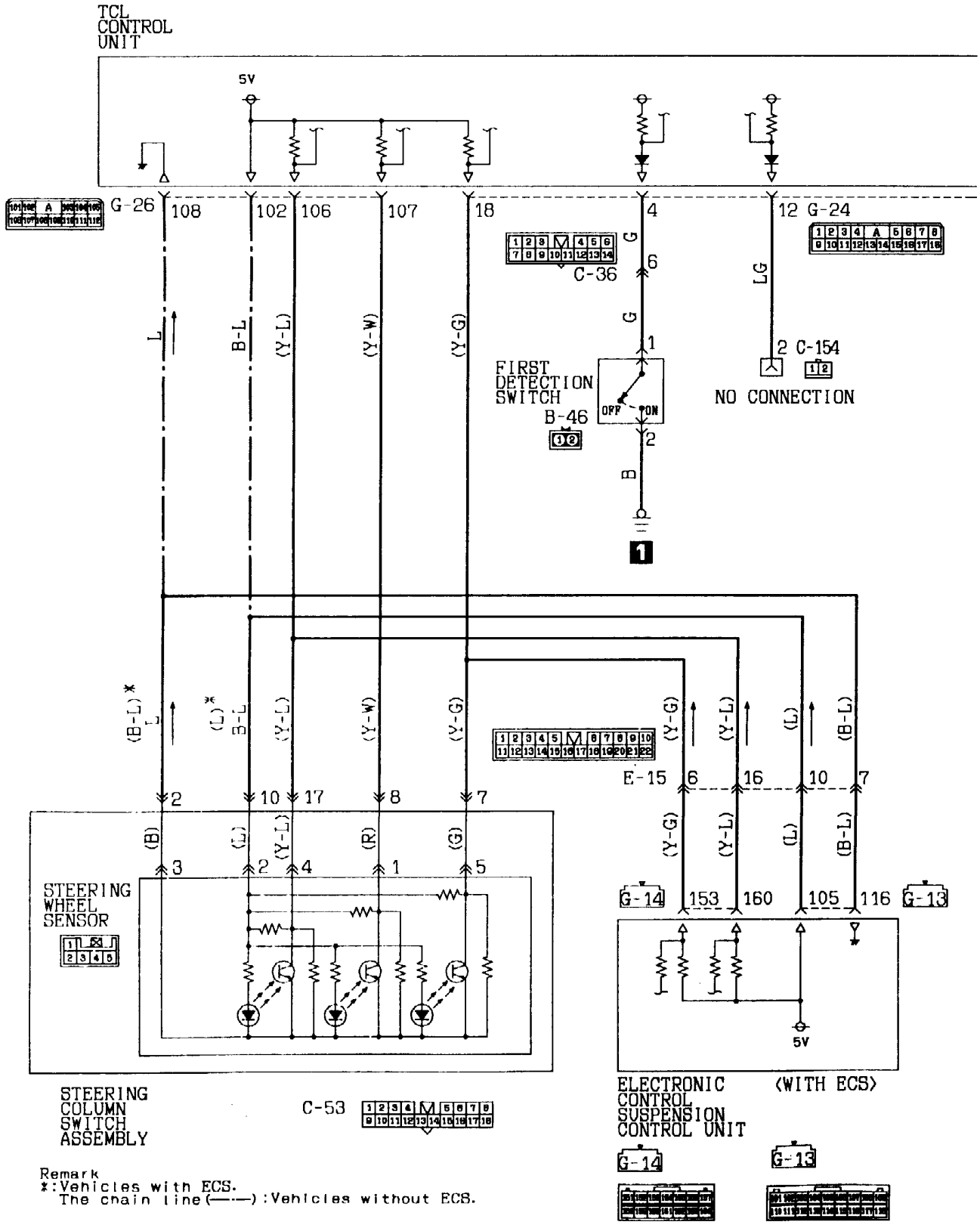
Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-J1545A-EC

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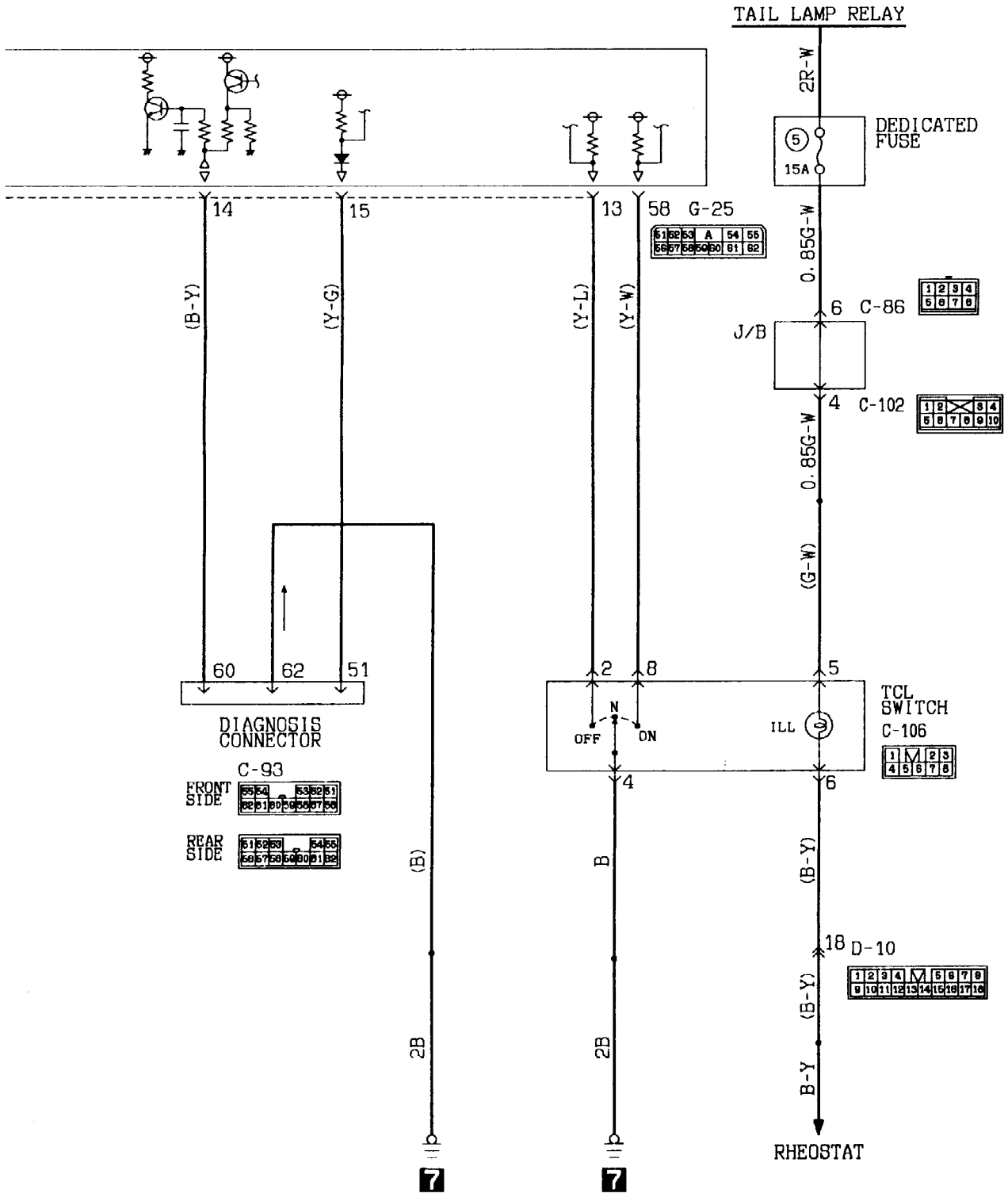
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Remark
*:Vehicles with ECS.
The chain line(—·—):Vehicles without ECS.

XX35-AC-J1545B-EC

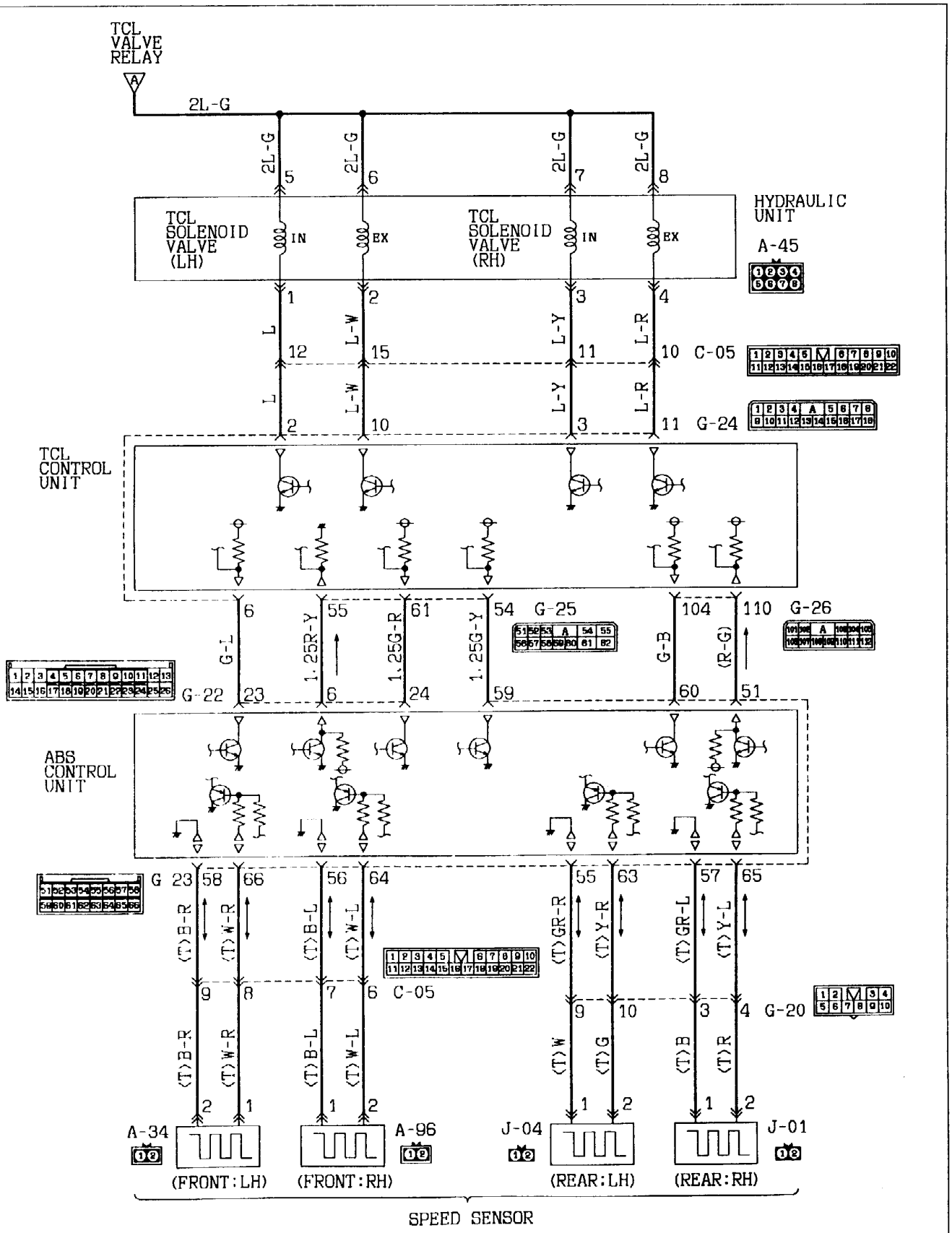
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Wire colour code

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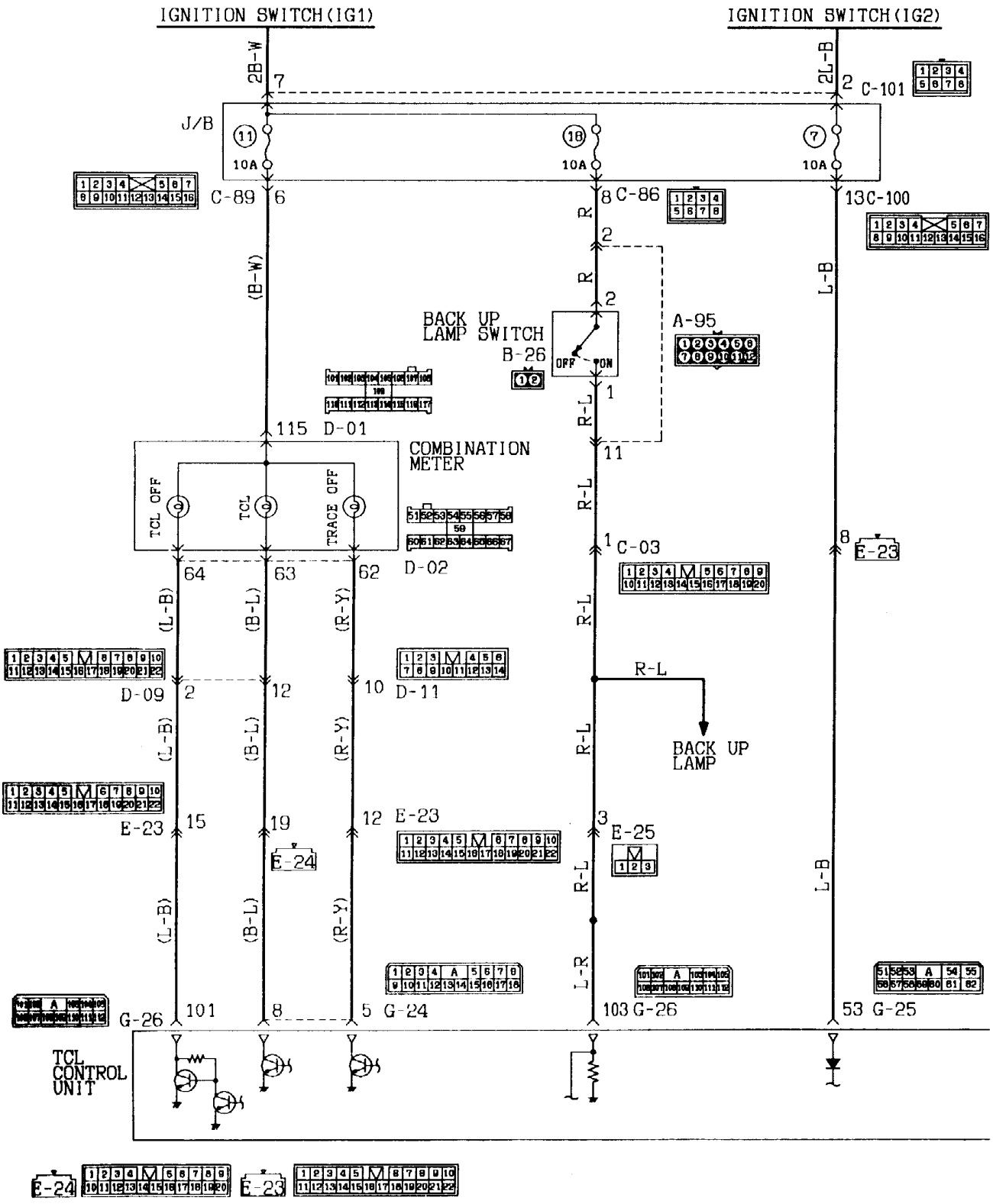
Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

XX35-AC-J1545C-EC

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TRACTION CONTROL SYSTEM (TCL)

M/T (R.H. drive vehicles)

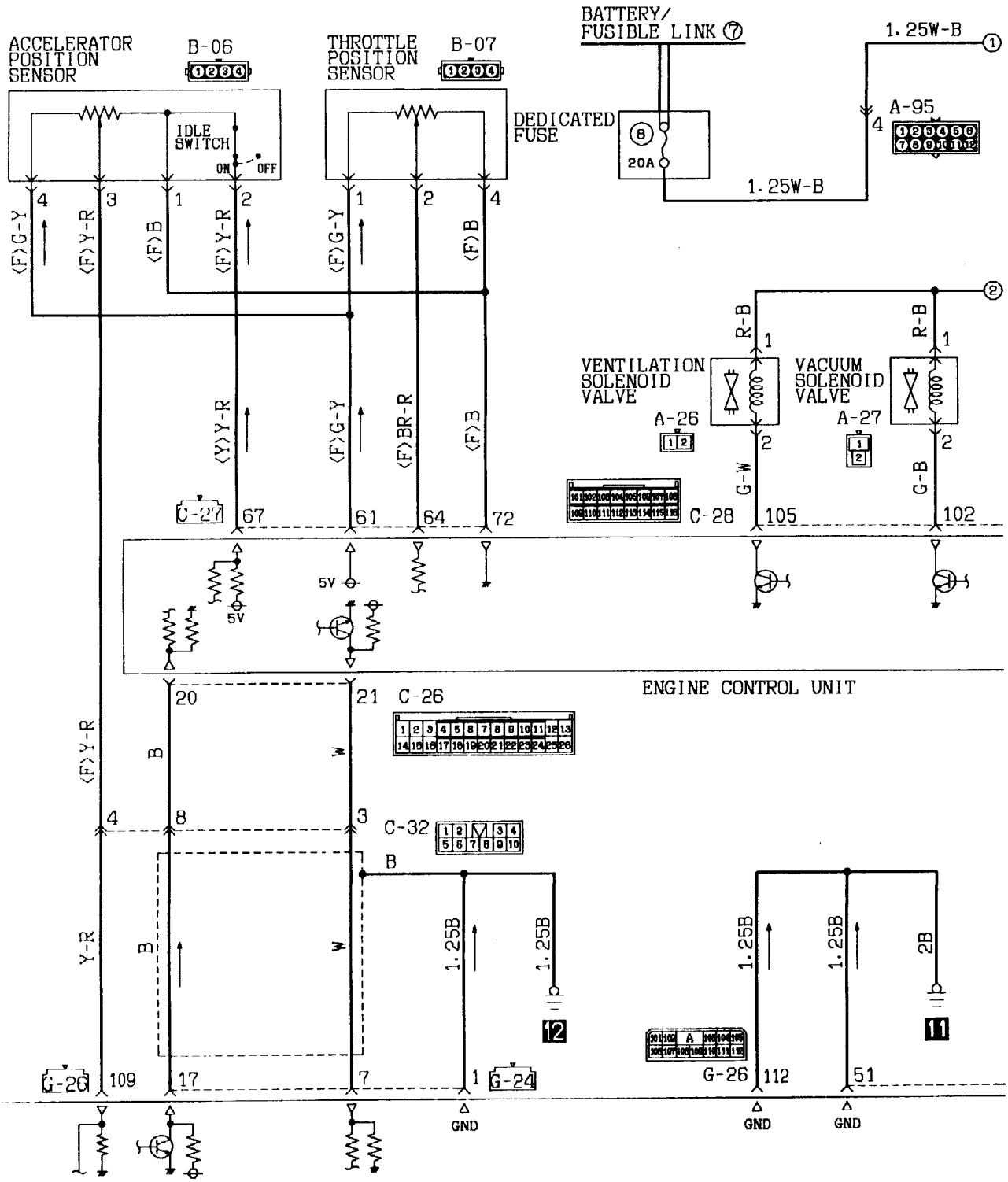


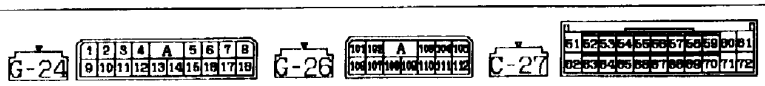
Wire colour code

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

RX3B-AC-J1548-EC

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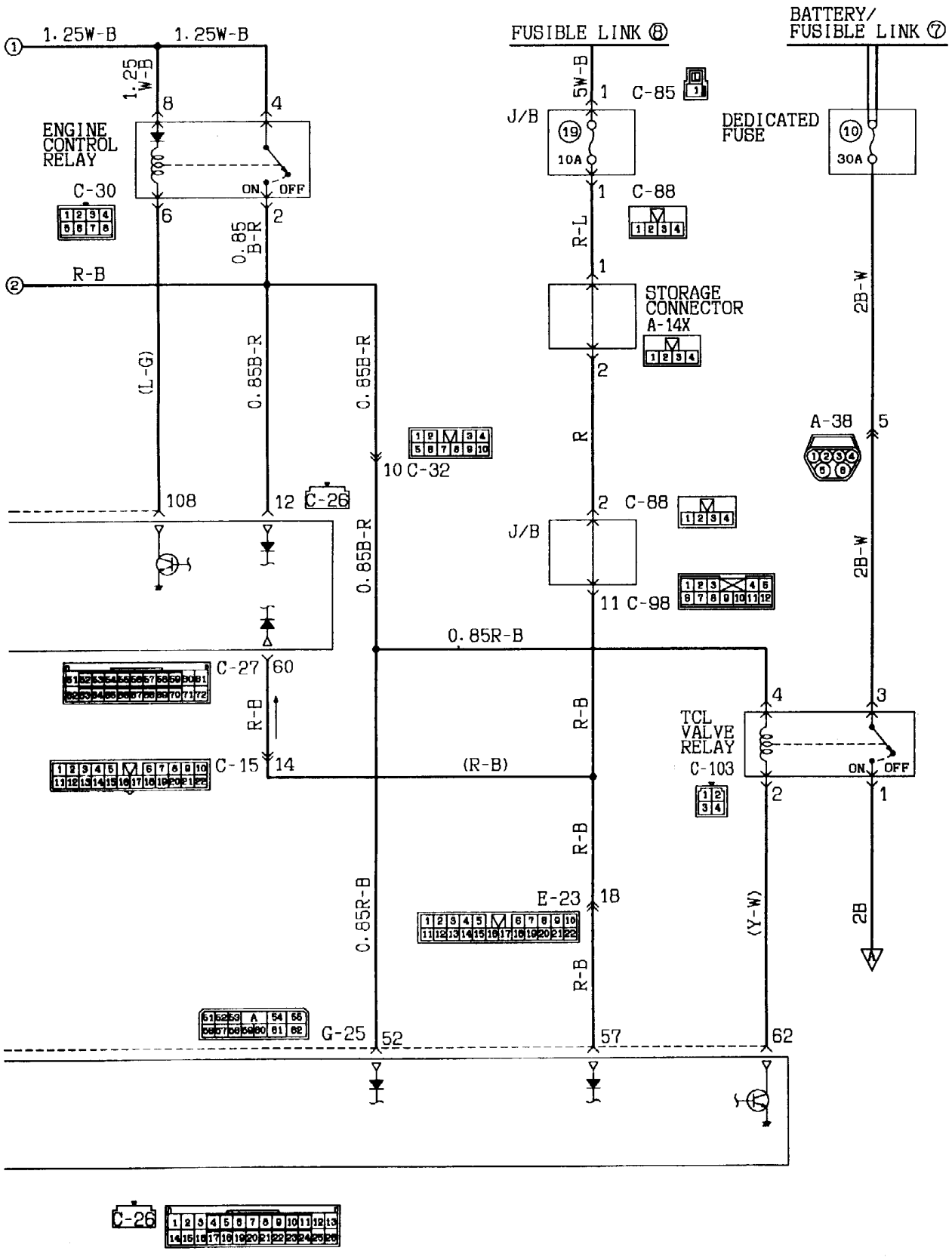




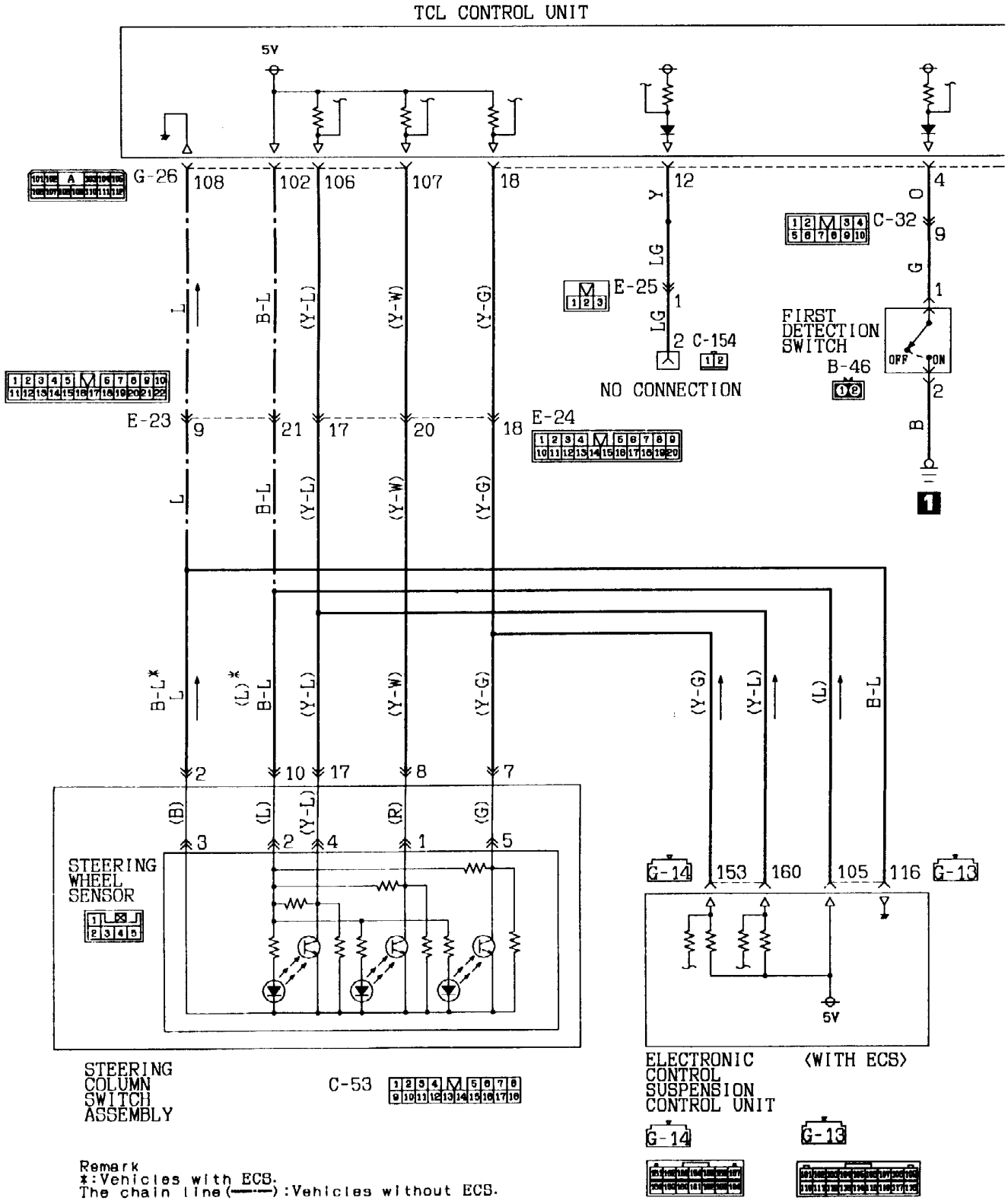
Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

KX35-AC-J1548A-EC

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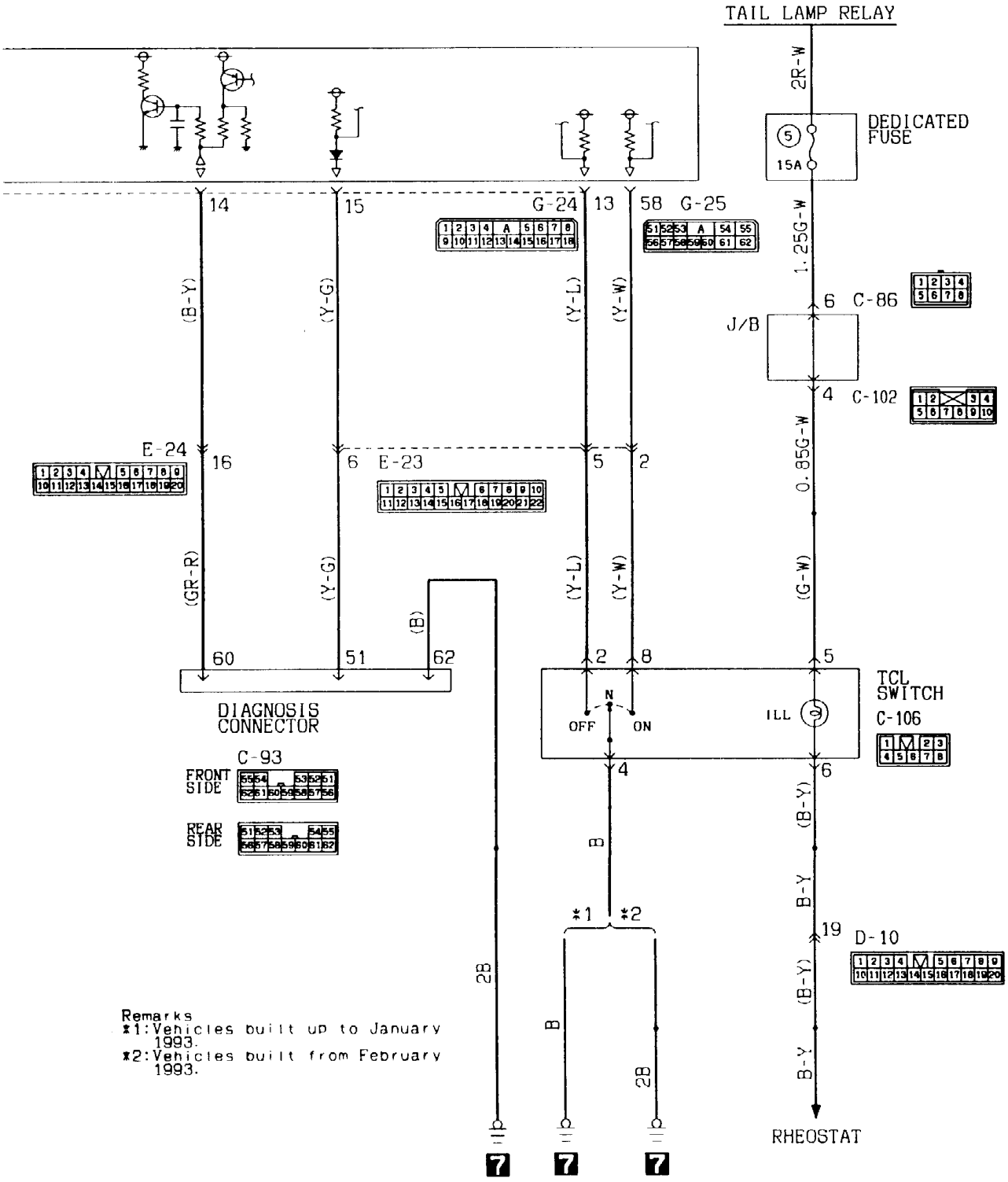


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Remark
*:Vehicles with ECS.
The chain line(—·—):Vehicles without ECS.

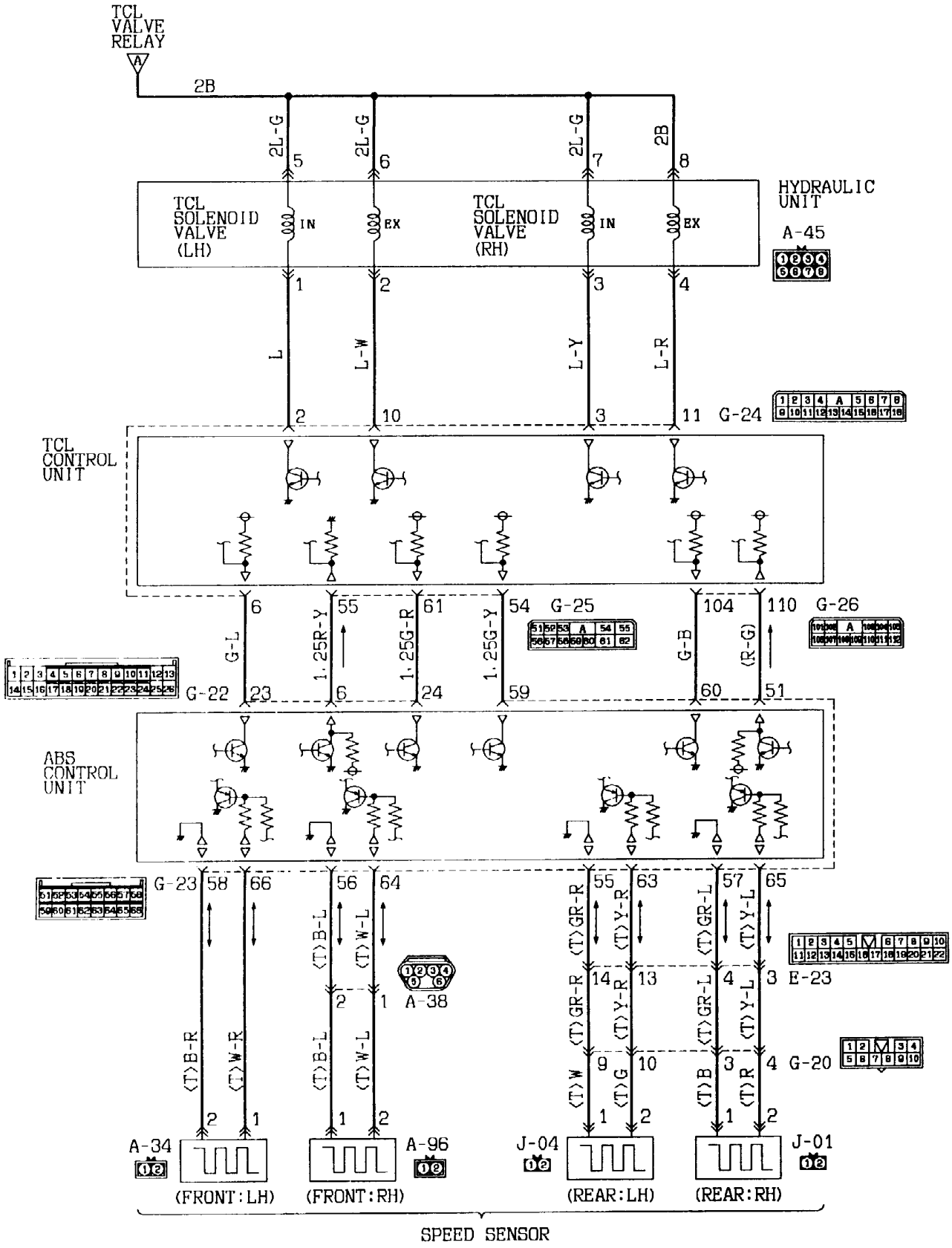
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Wire colour code

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

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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

KX35-AC-J1548C-EC

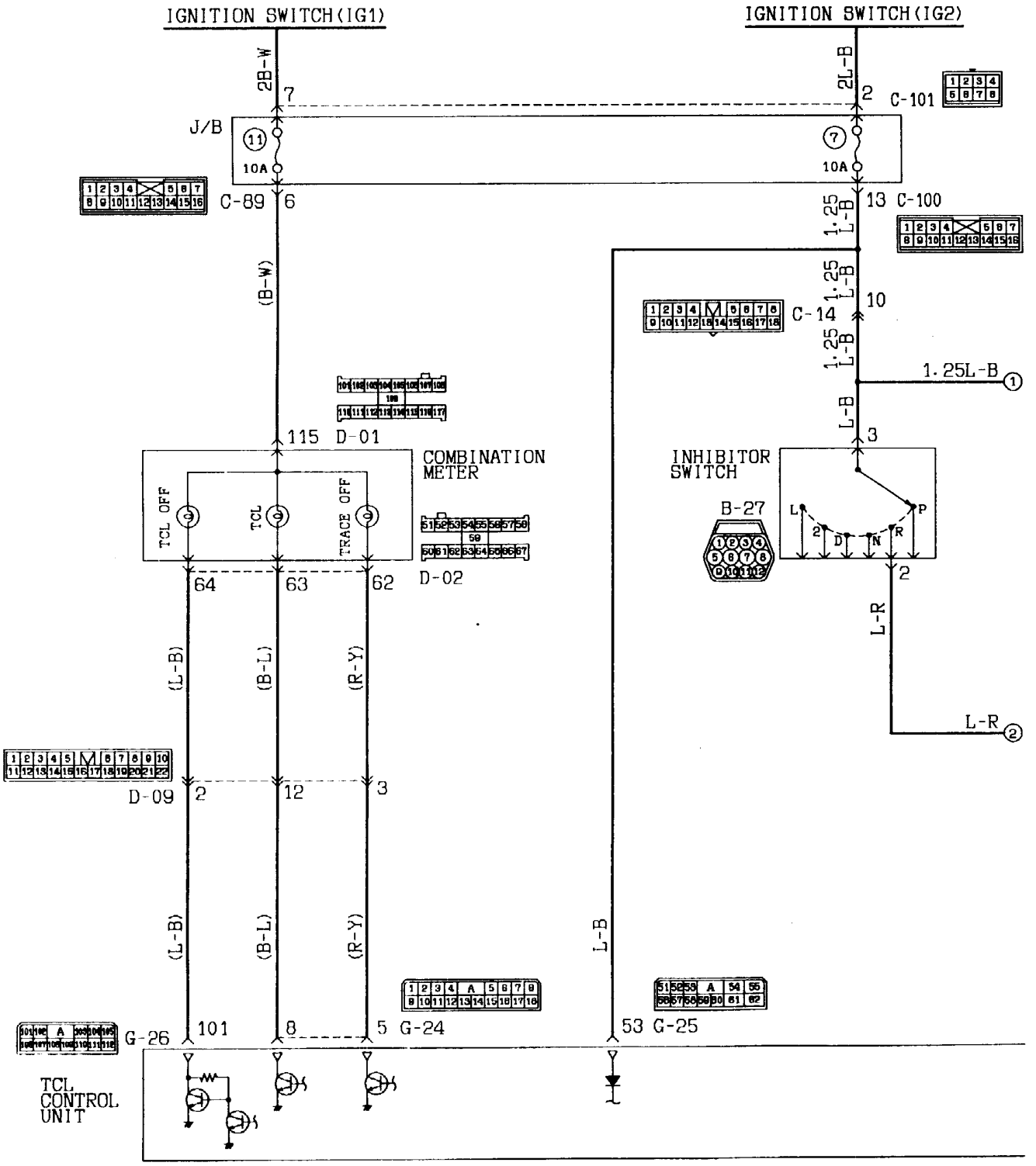
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TRACTION CONTROL SYSTEM (TCL)

A/T (L.H. drive vehicles)

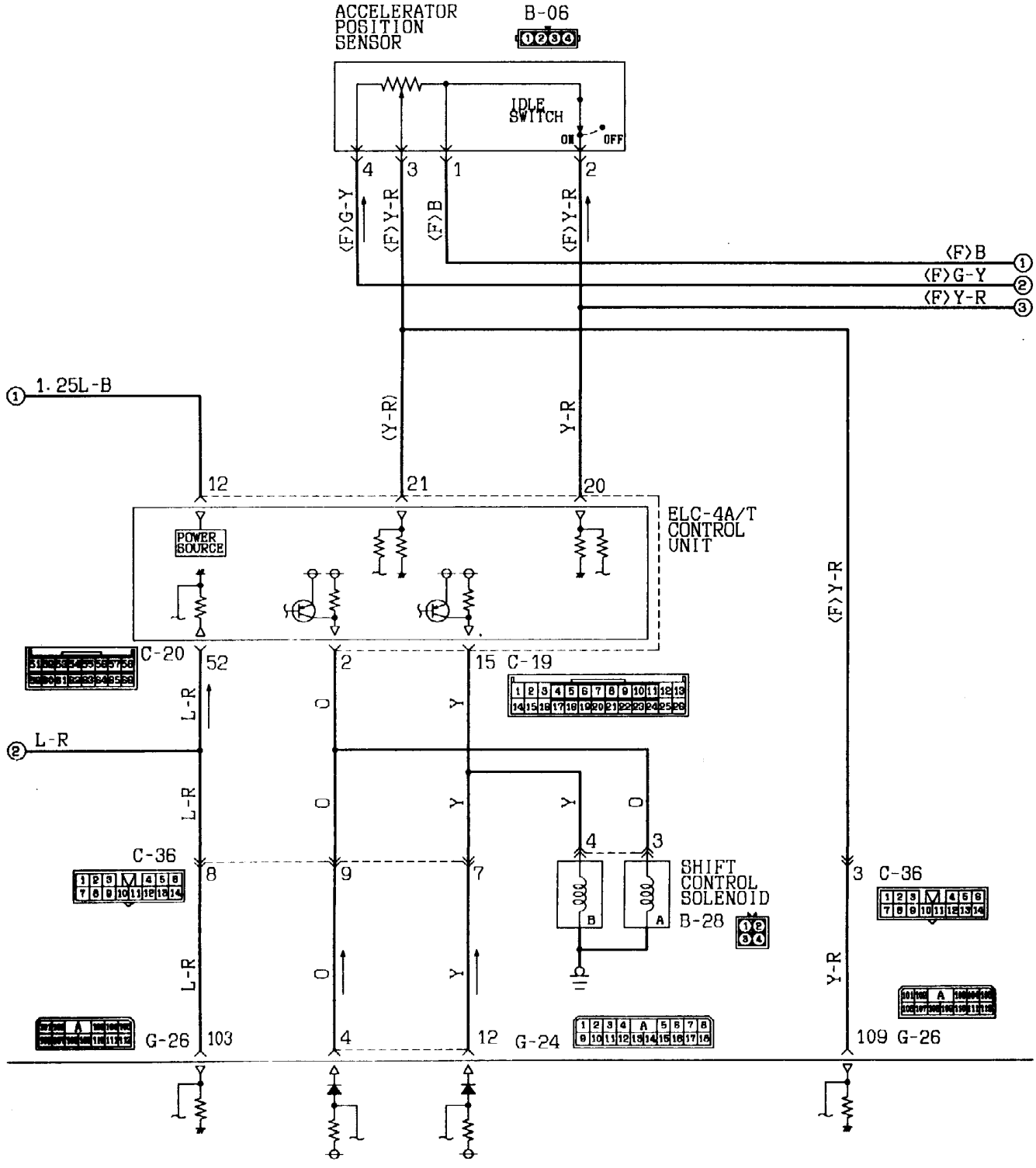


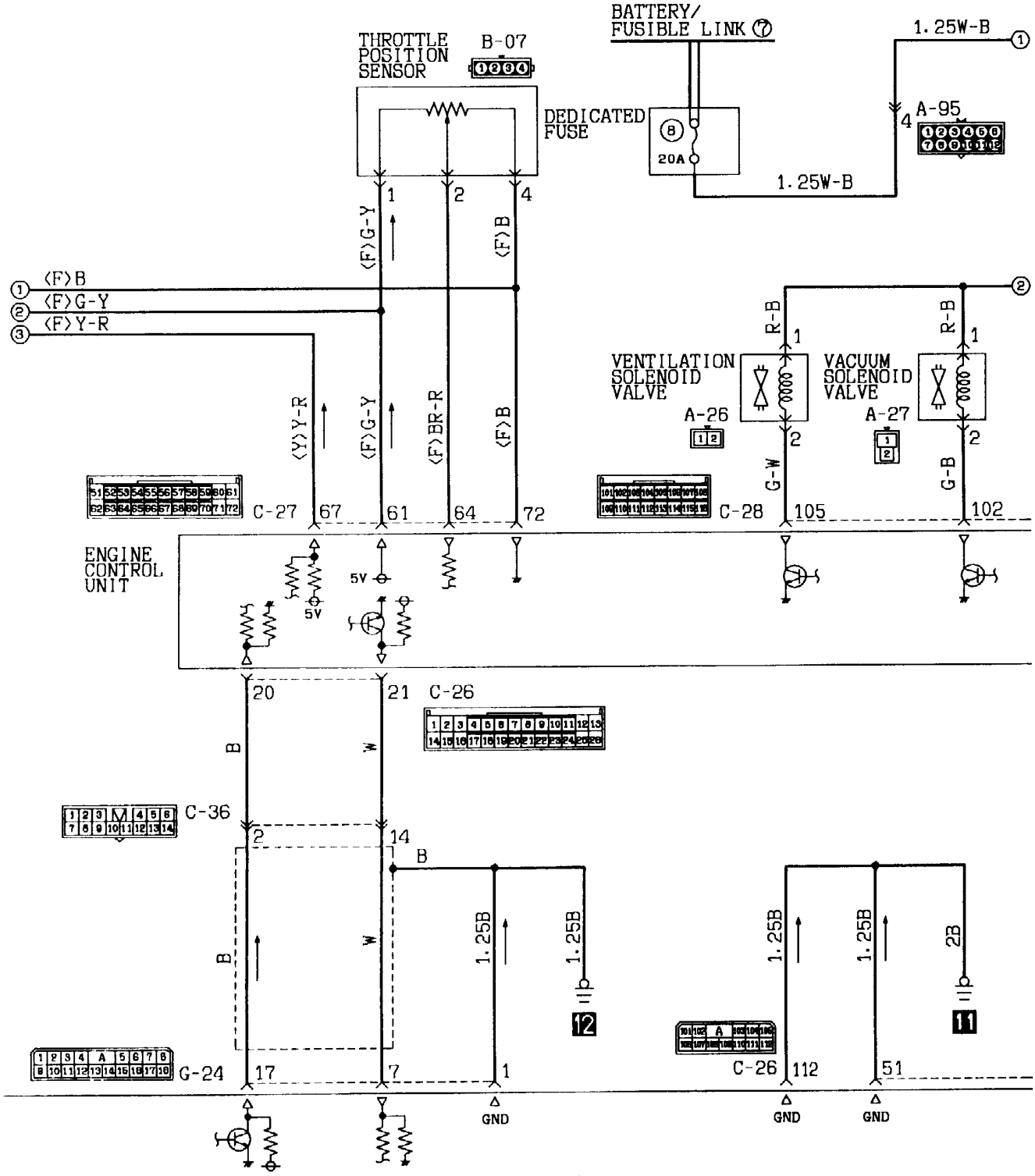
Wire colour code

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

KX35-AC-J1547-EC

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ACCELERATOR POSITION SENSOR
B-06
IDLE SWITCH
ON
OFF
4
3
1
2
(F)G-Y
(F)Y-R
(F)B
(F)Y-R
(F)B
(F)G-Y
(F)Y-R
1.25L-B
(Y-R)
Y-R
12
21
20
POWER SOURCE
ELC-4A/T CONTROL UNIT
C-20
52
2
15
C-19
L-R
L-R
L-R
L-R
O
Y
O
Y
Y
O
4
3
C-36
8
9
7
SHIFT CONTROL SOLENOID
B-28
B
A
(F)Y-R
3
C-36
Y-R
G-26
103
4
12
G-24
109
G-26

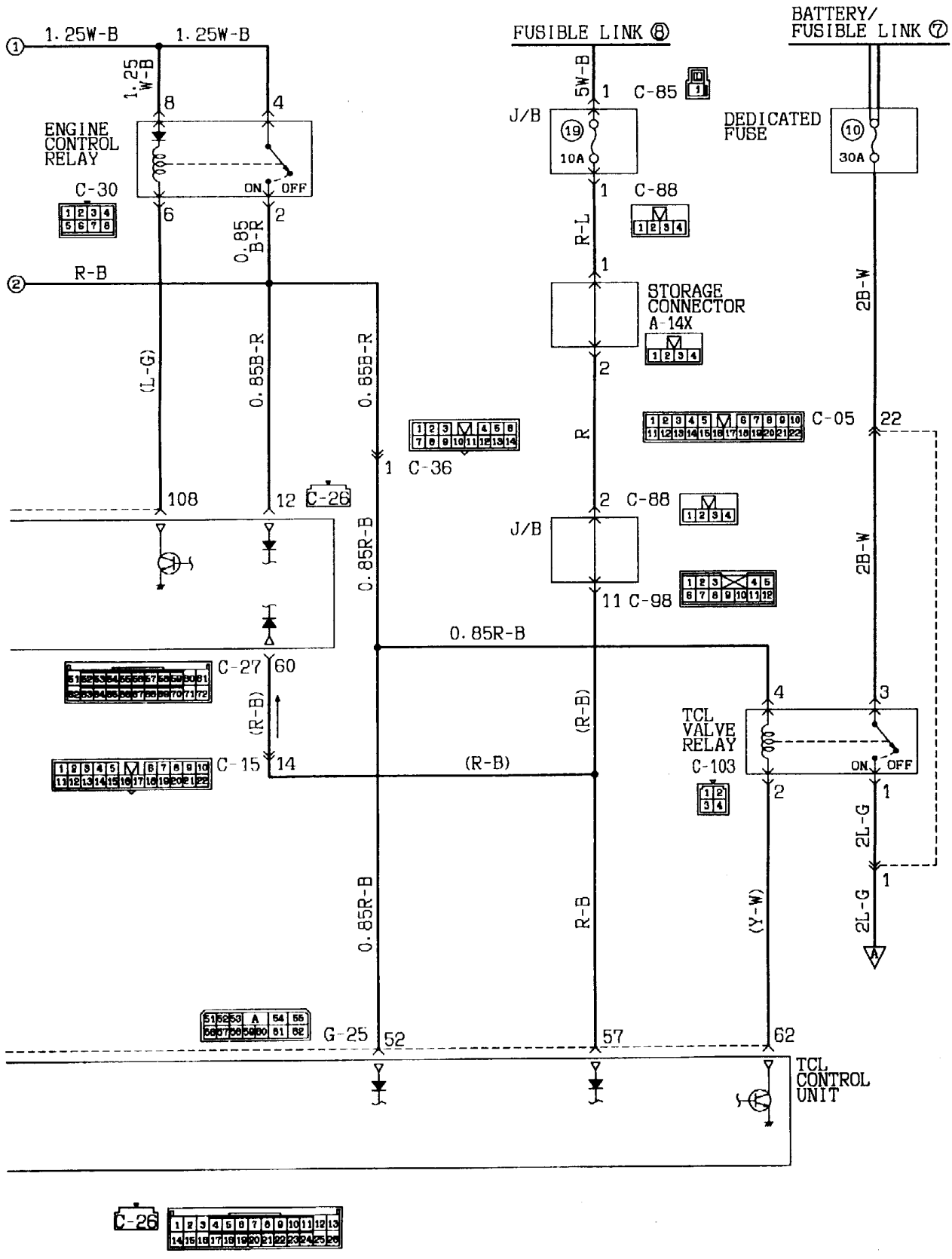


Wire colour code

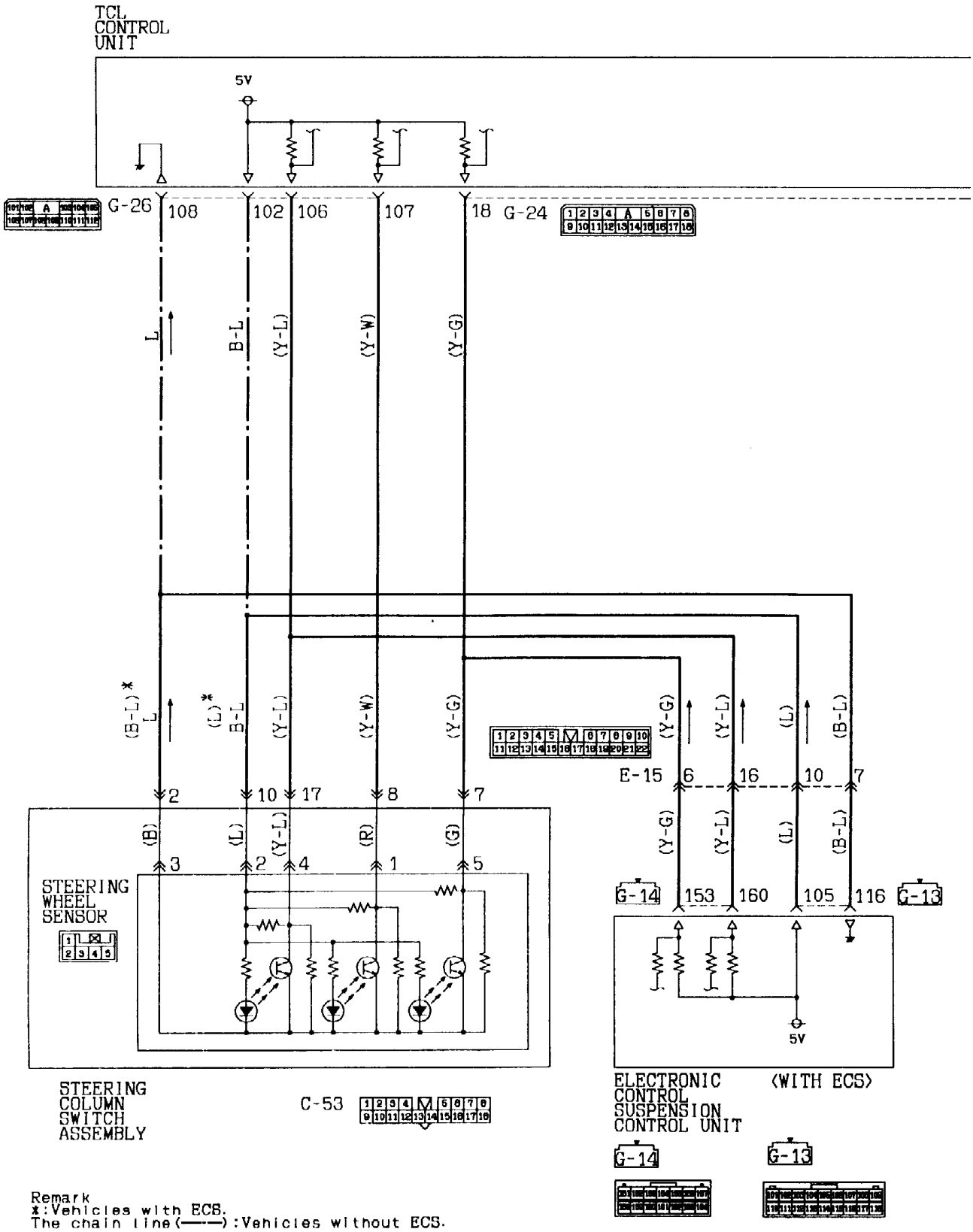
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue	
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		

KX35-AC-J1547A-BC

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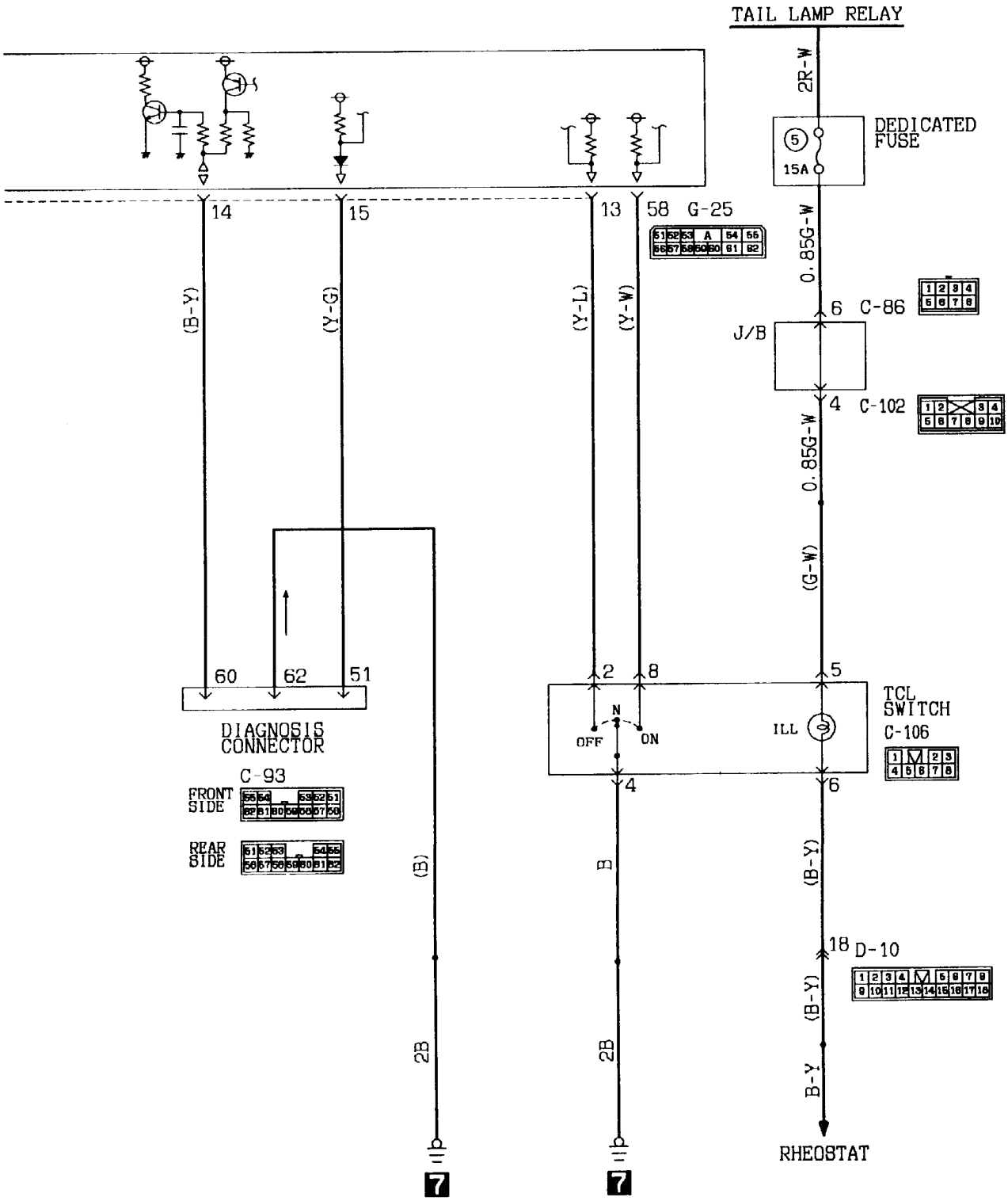
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Remark
*:Vehicles with ECS.
The chain line(—·—):Vehicles without ECS.

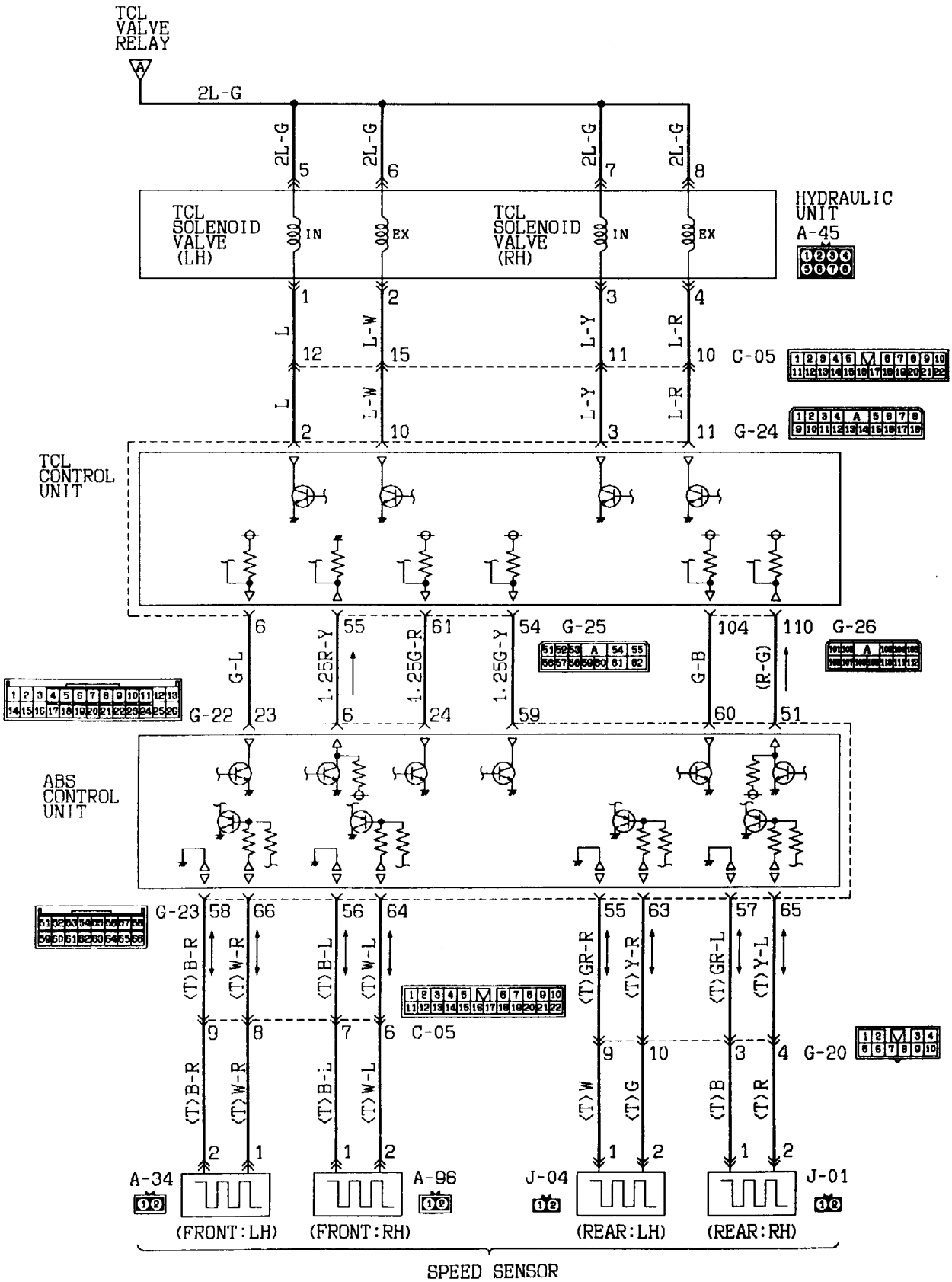
KX3S-AC-J1547B-EC

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

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Wire colour code

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

KX35-AC-J1547C-EC

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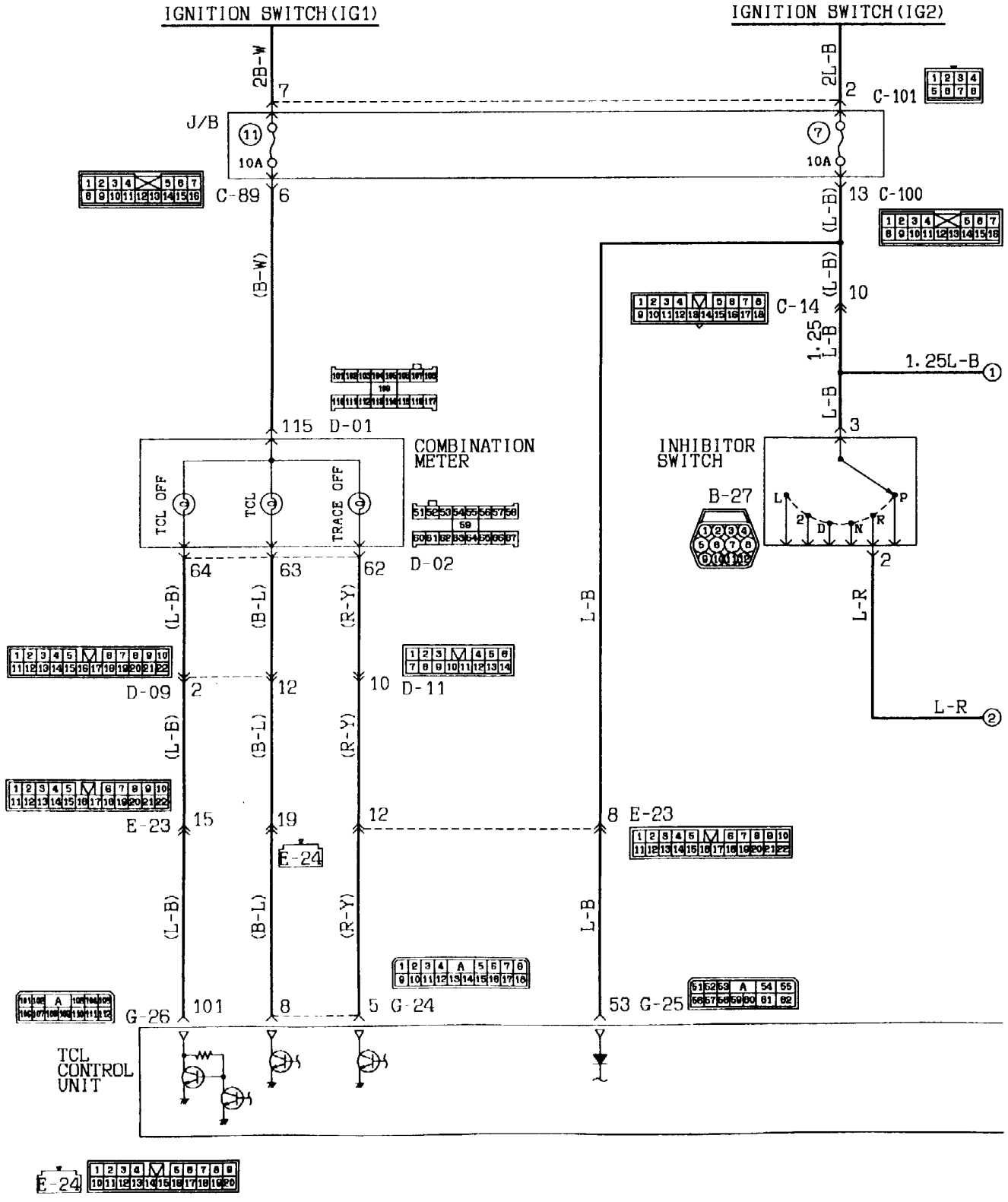
PHGE9229

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TRACTION CONTROL SYSTEM (TCL)

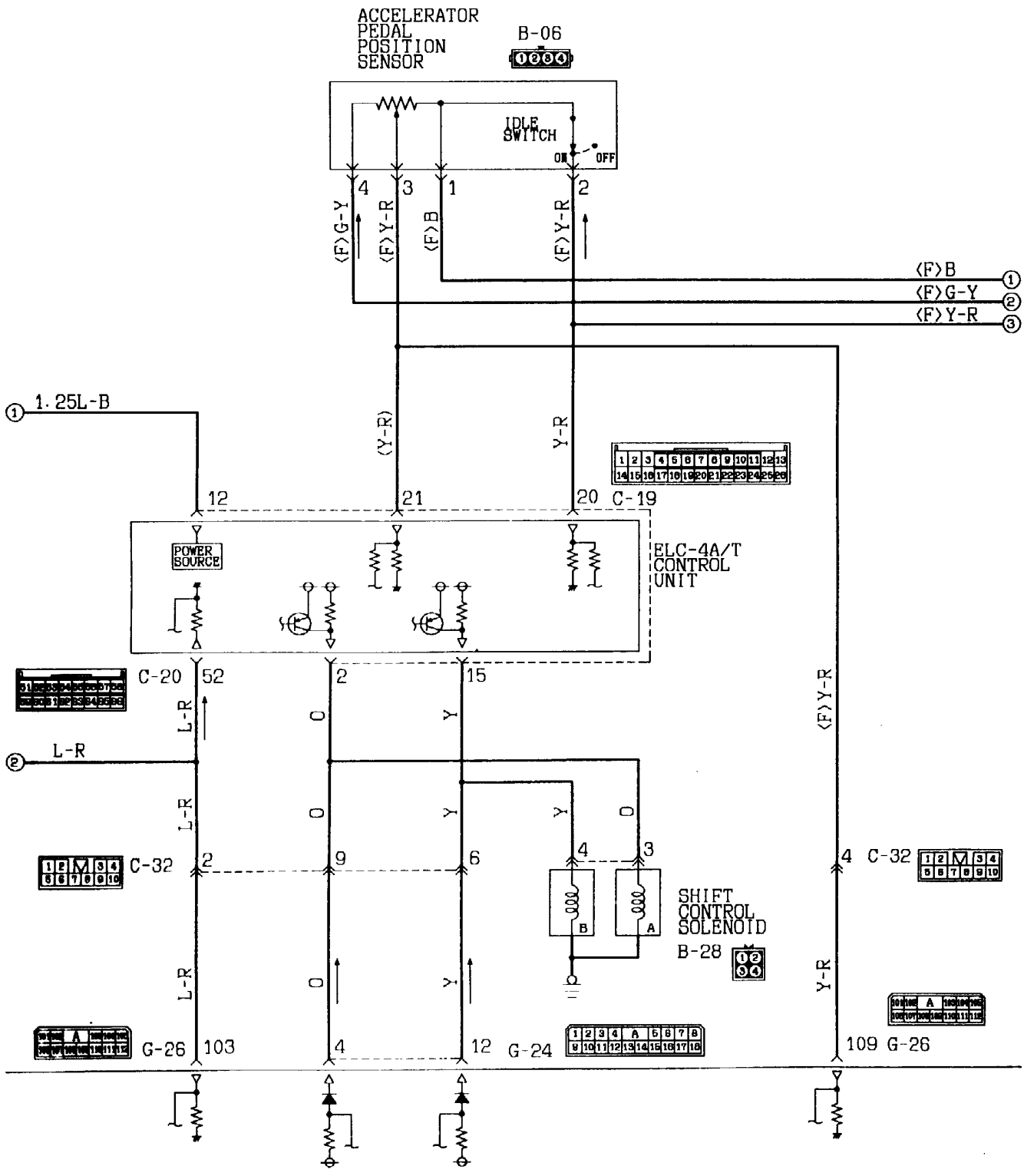
A/T (R.H. drive vehicles)



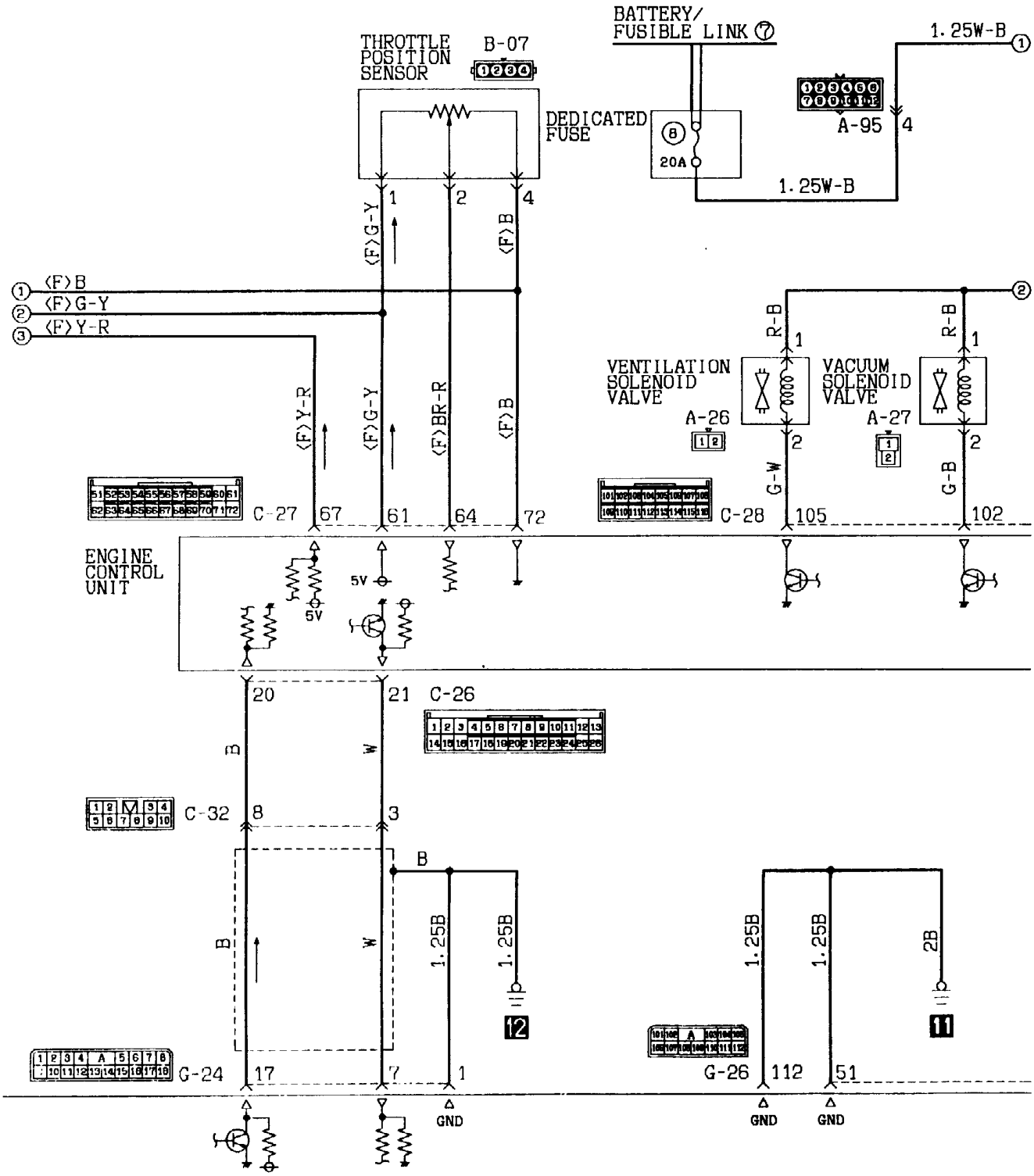
Wire colour code

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

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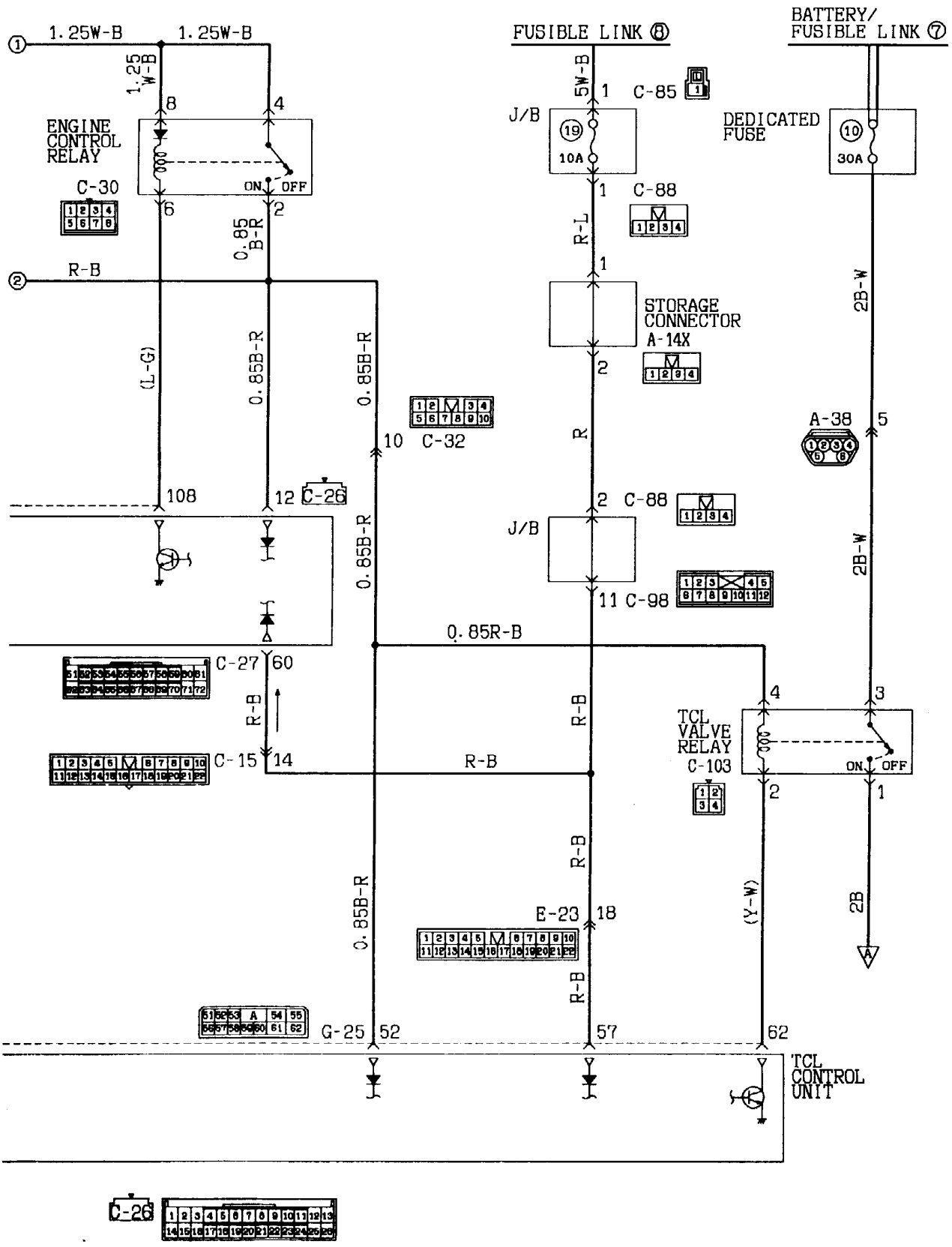


Wire colour code

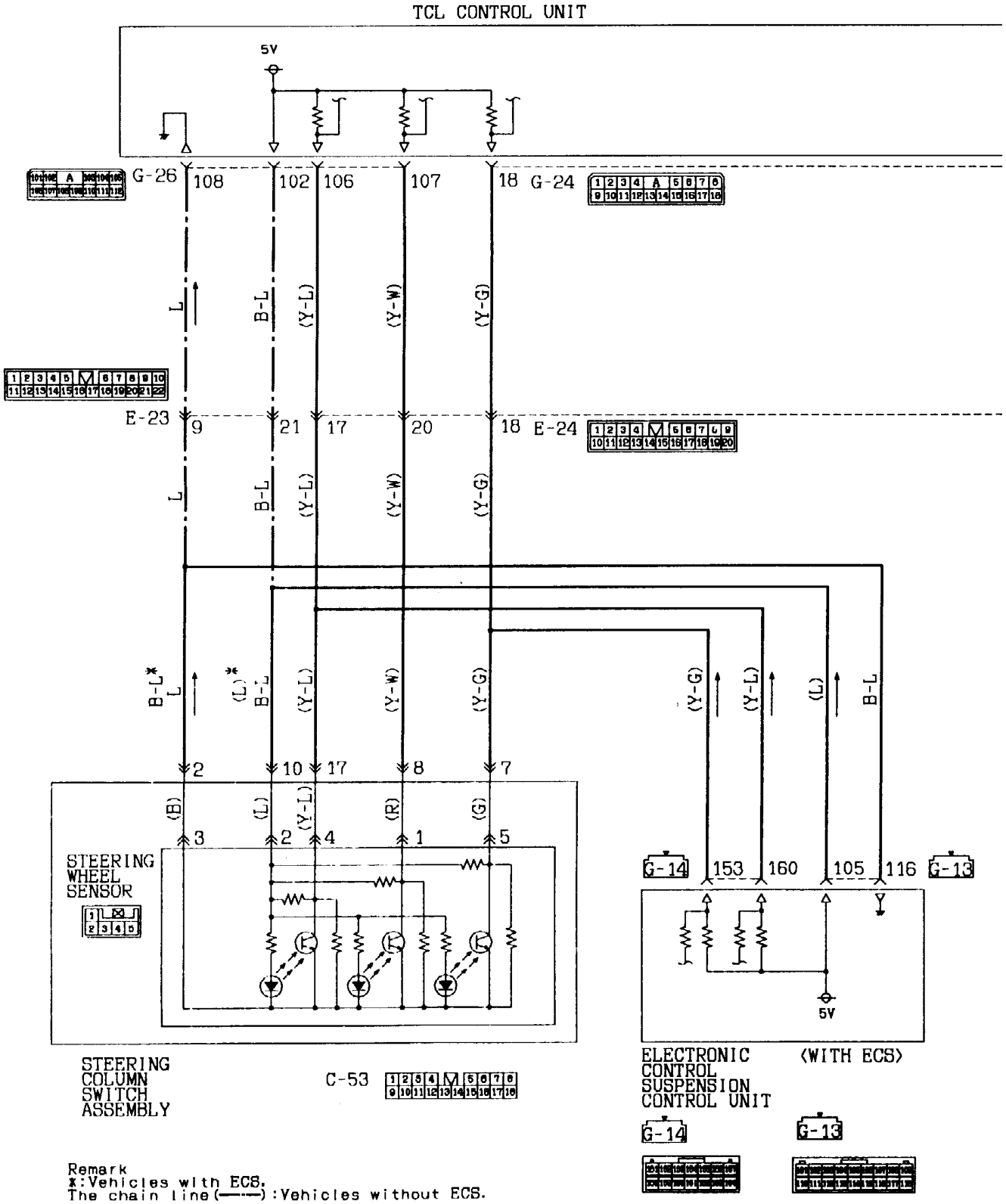
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue	
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		

KX35-AC-J1548A-EC

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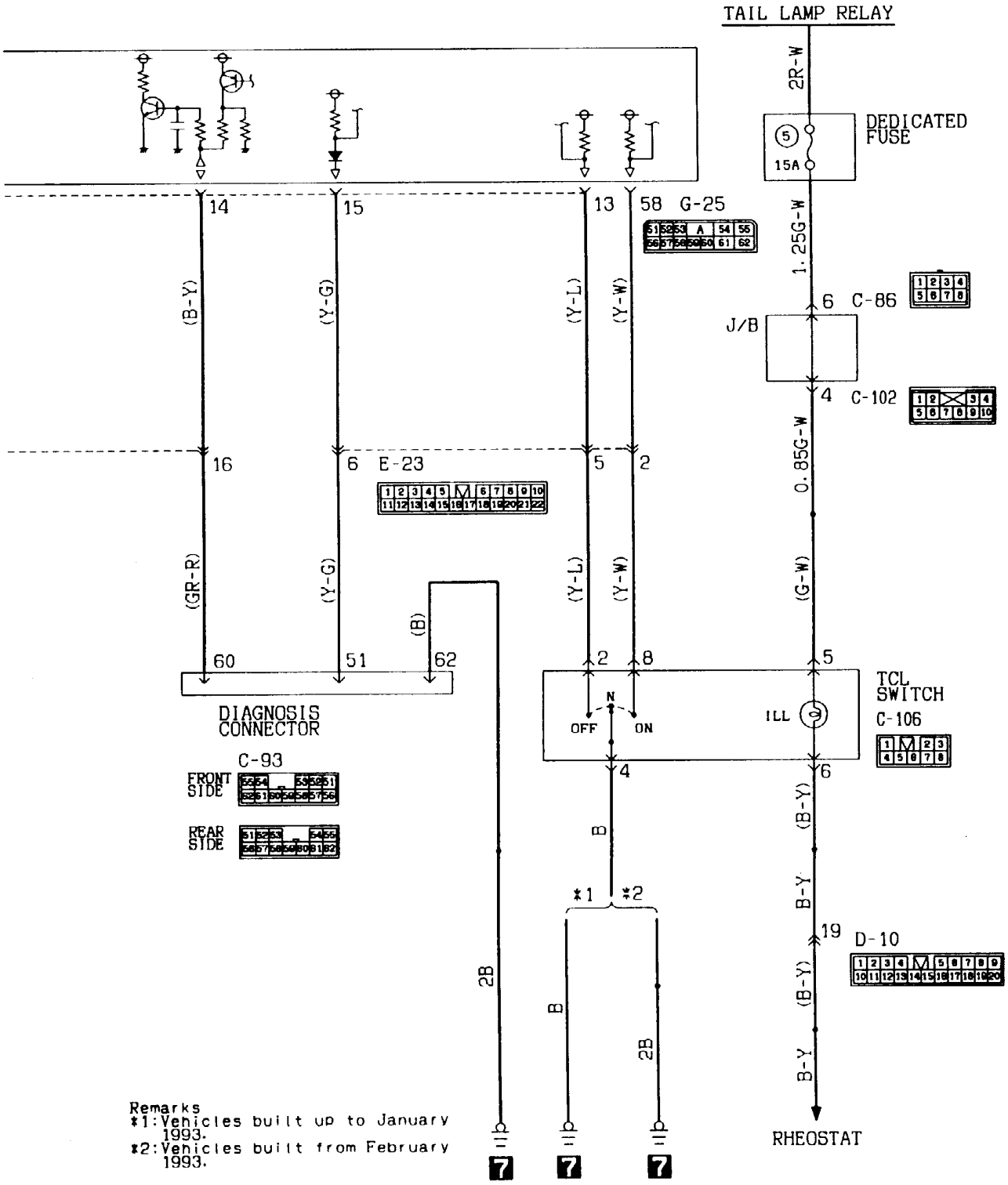


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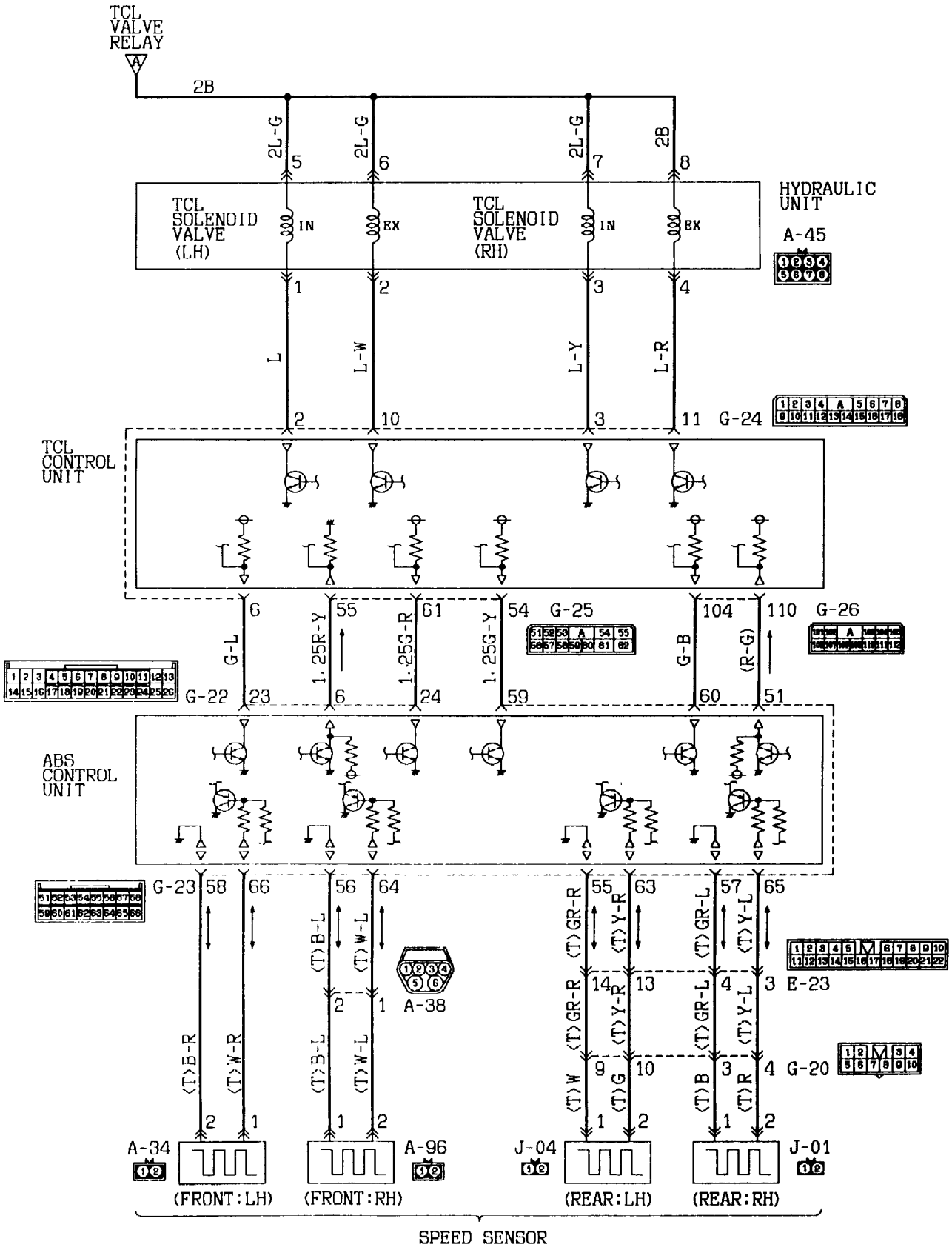
Remark
*:Vehicles with ECS.
The chain line(——·——):Vehicles without ECS.

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Remarks
*1: Vehicles built up to January 1993.
*2: Vehicles built from February 1993.

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



Wire colour code

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

KX35-AC-J1548C-EC

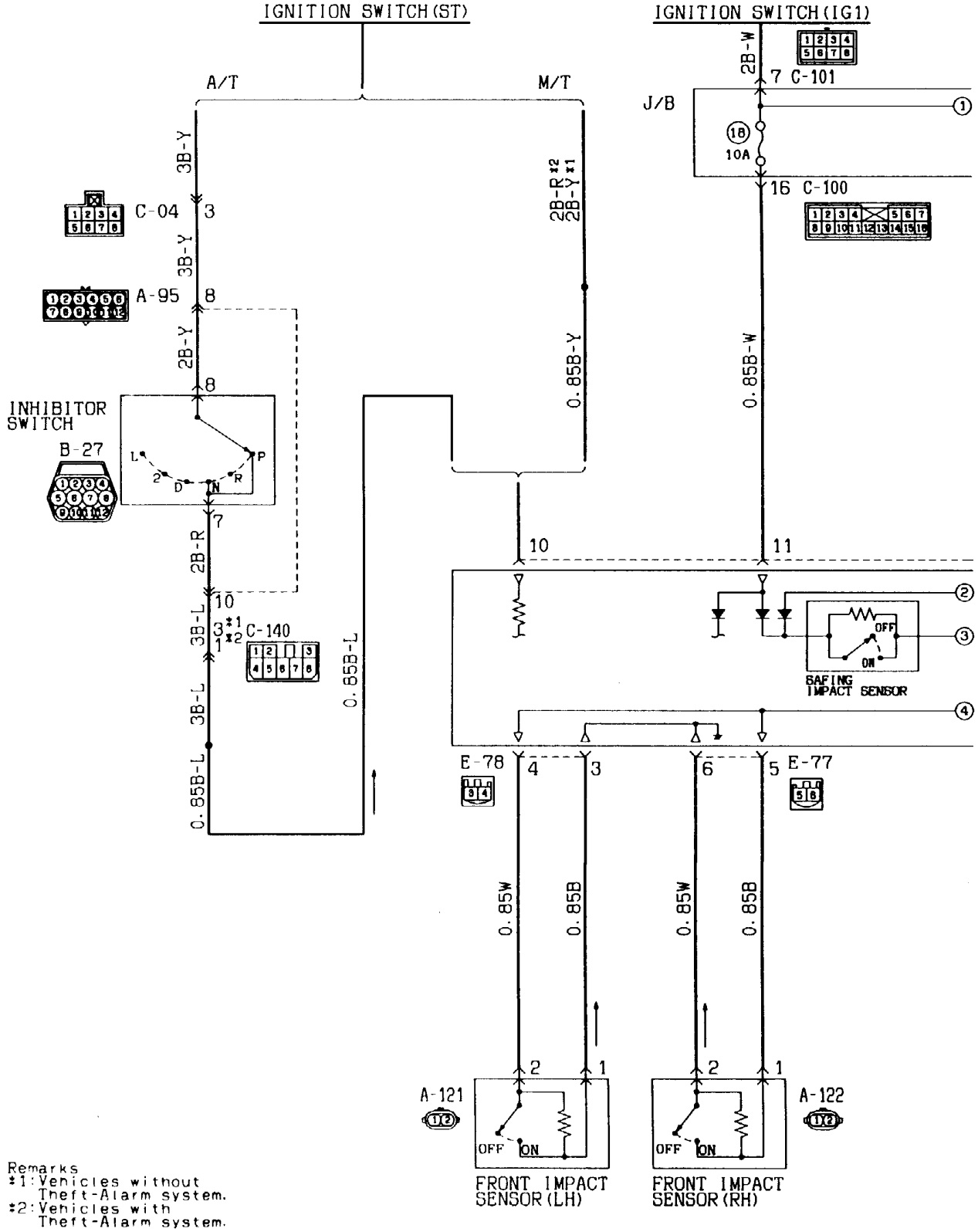
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NOTES

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SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

L.H. drive vehicles (Vehicles without front passenger air bag)

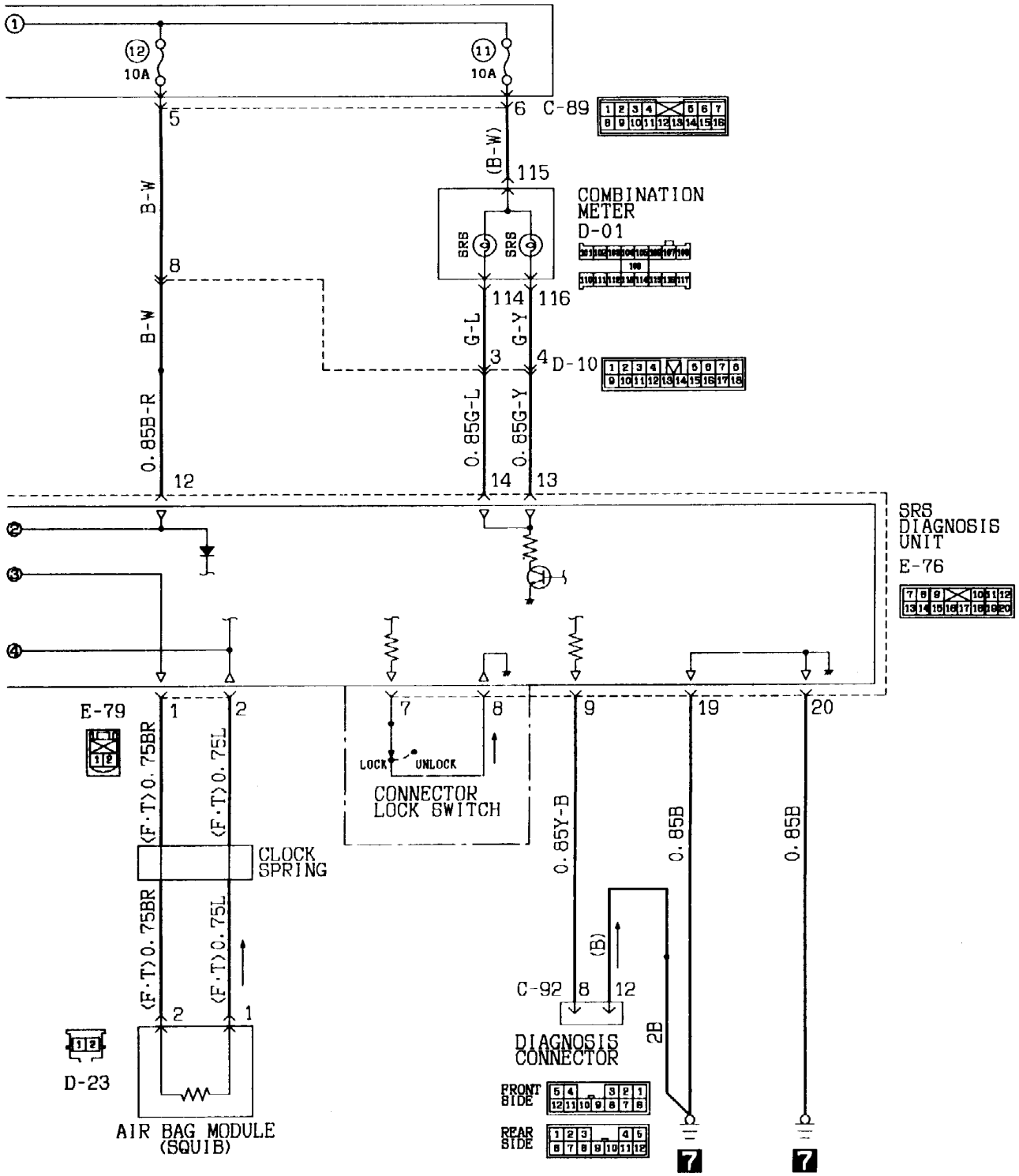


Remarks
*1: Vehicles without Theft-Alarm system.
*2: Vehicles with Theft-Alarm system.

KX35-AC-J1549-EC

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

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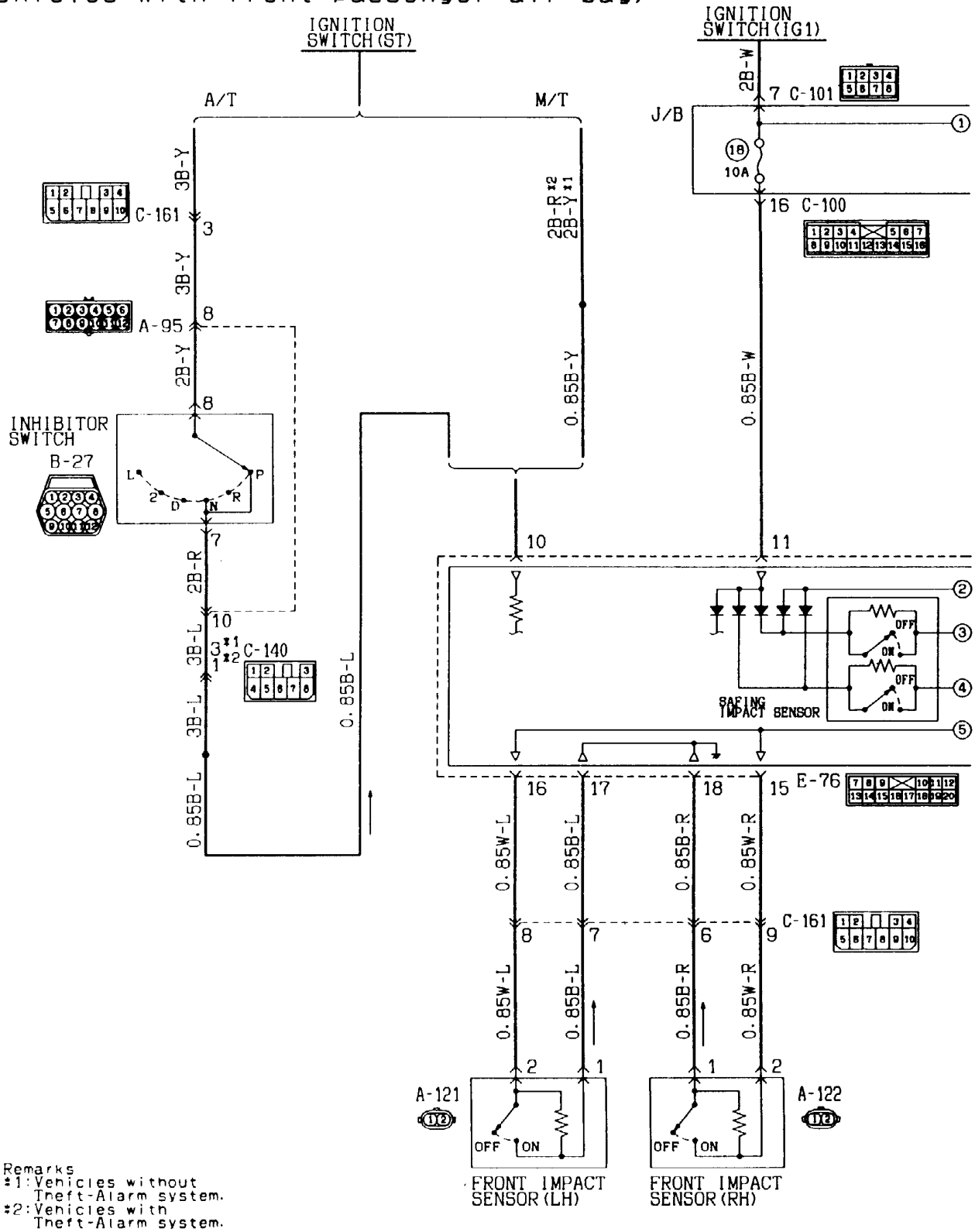


CAUTION
·Carefully read and observe the SRS SERVCE PRECAUTIONS(Refer to GROUP 52B-SRS Service Precautions) prior to any service.

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SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

L.H. drive vehicles
〈Vehicles with front passenger air bag〉

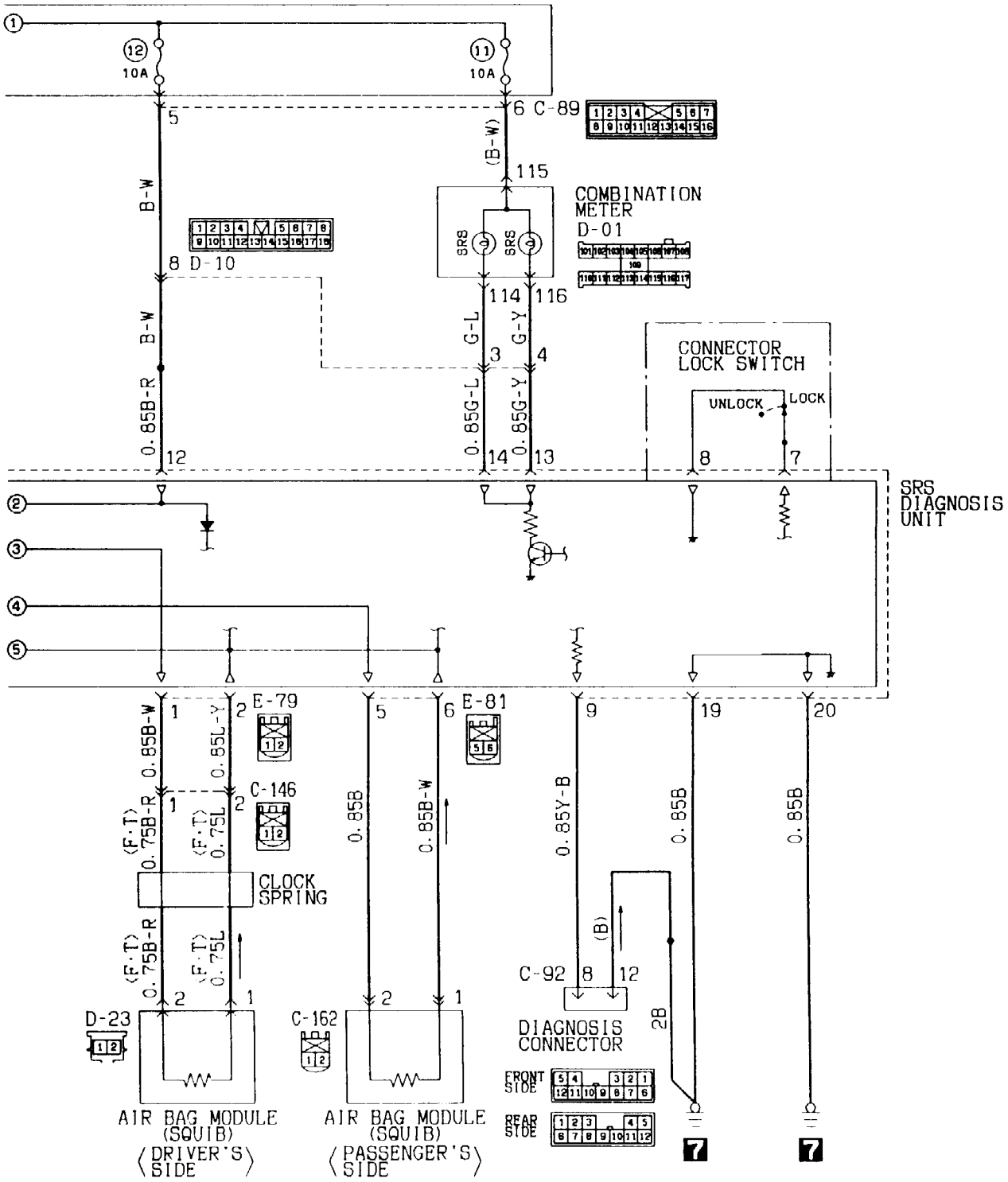


Remarks
*1: Vehicles without Theft-Alarm system.
*2: Vehicles with Theft-Alarm system.

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

KX35-AC-J1553-EC

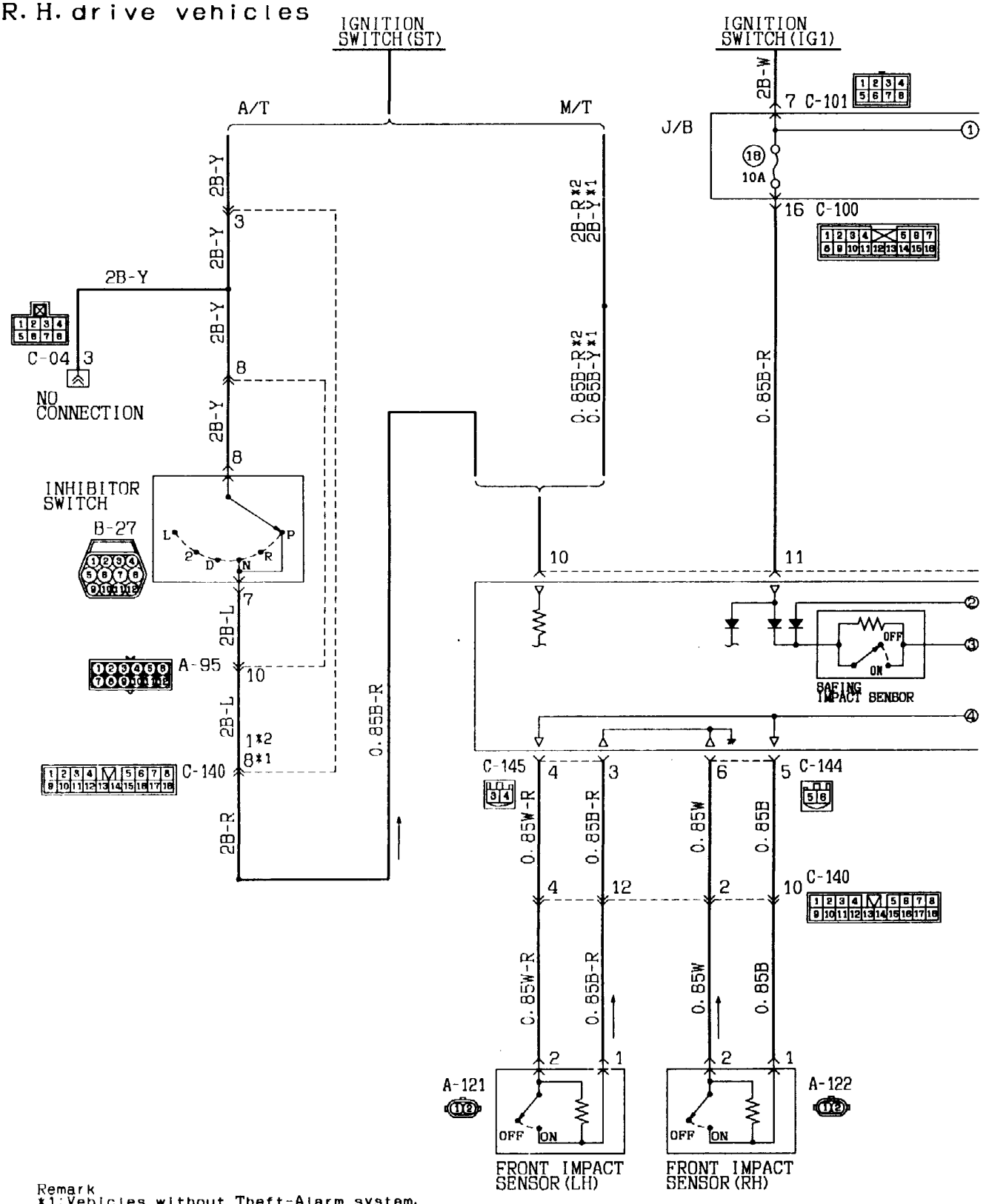
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CAUTION
·Carefully read and observe the SRS SERVCE PRECAUTIONS(Refer to GROUP 52B-SRS Service Precautions) prior to any service.

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

R.H. drive vehicles



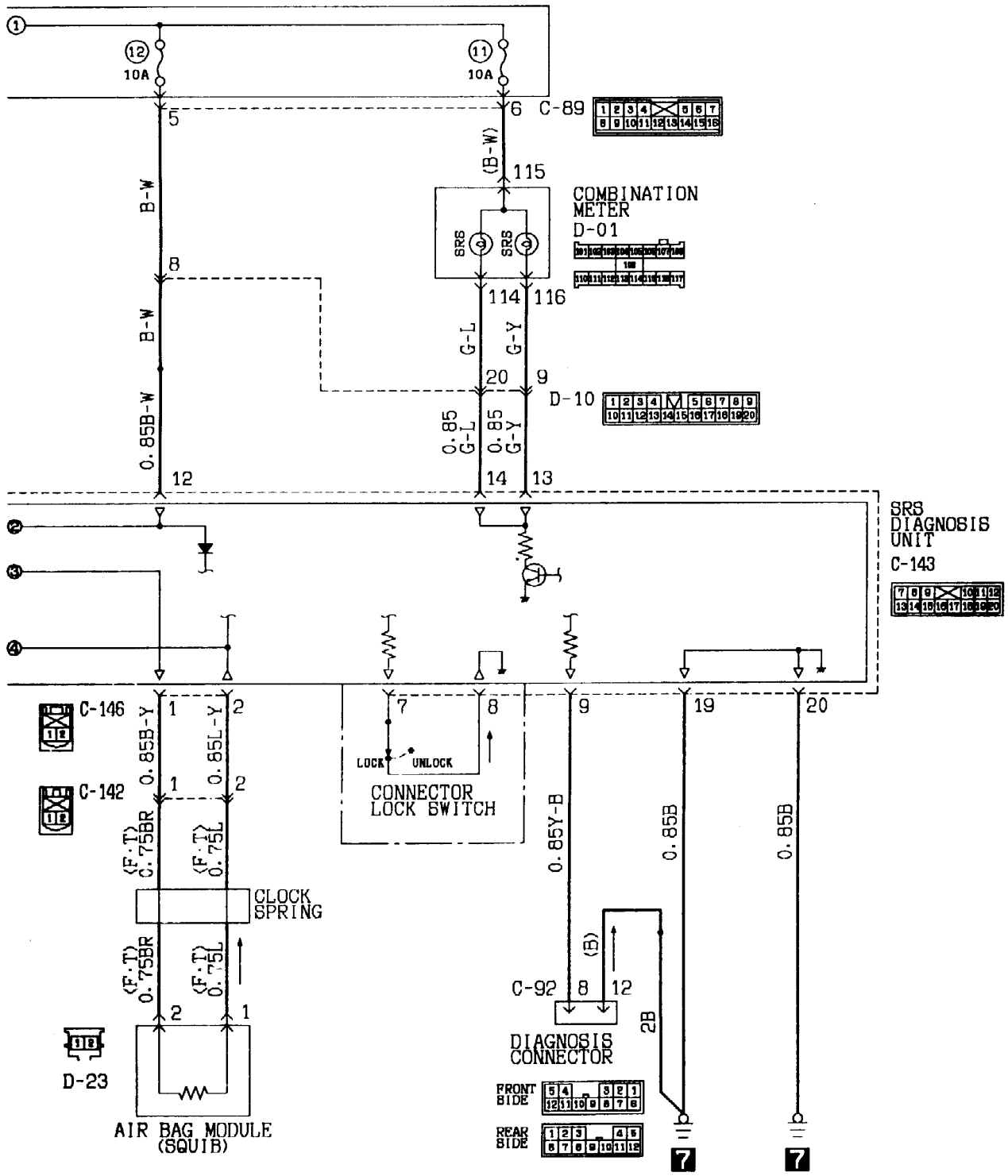
Remark
*1: Vehicles without Theft-Alarm system.
*2: Vehicles with Theft-Alarm system.

Wire colour code

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

KX35-AC-J1550-EC

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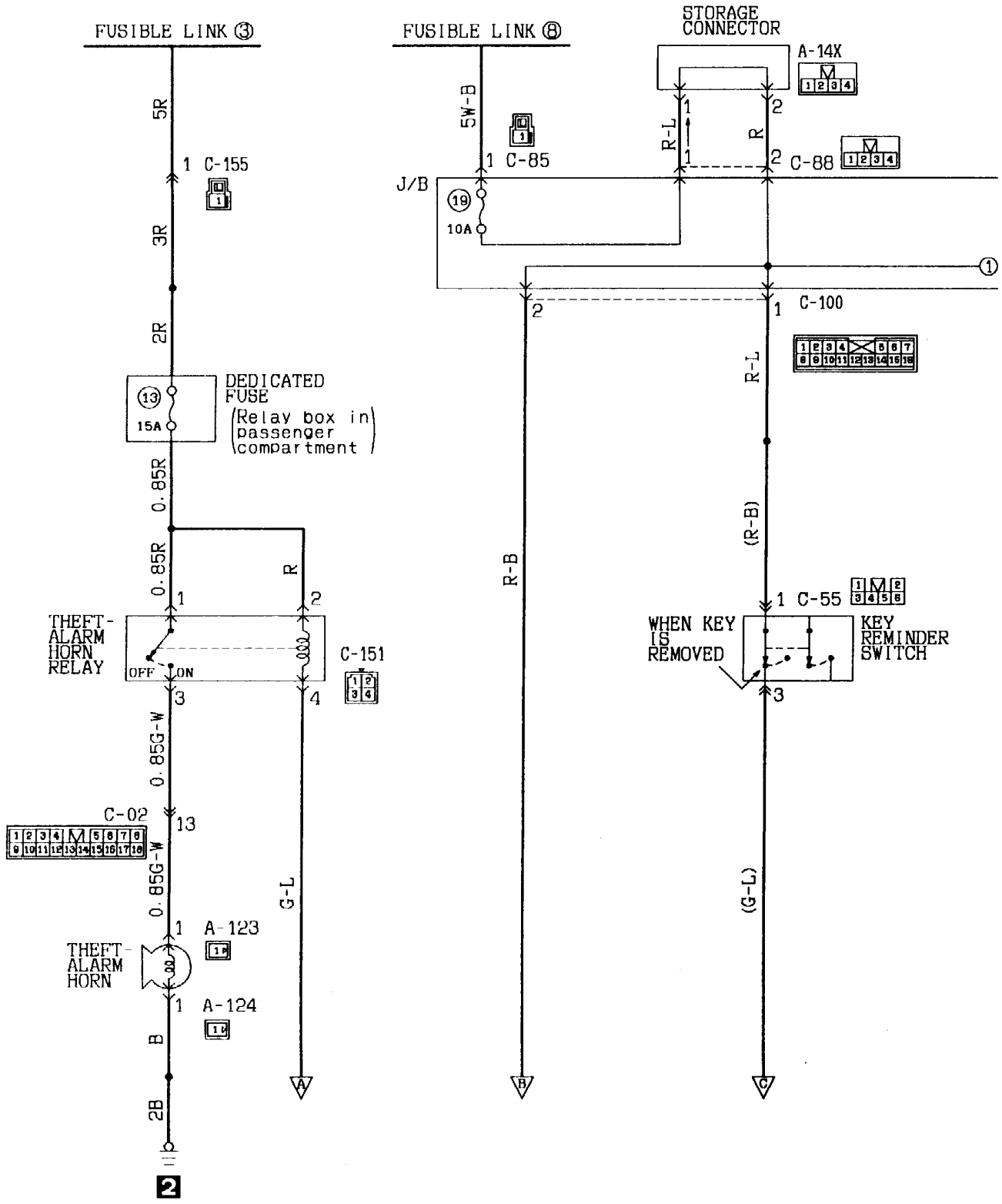


CAUTION
·Carefully read and observe the SRS SERVCE PRECAUTIONS (Refer to GROUP 52B- SRS Service Precautions) prior to any service.

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THEFT-ALARM SYSTEM

L.H. drive vehicles

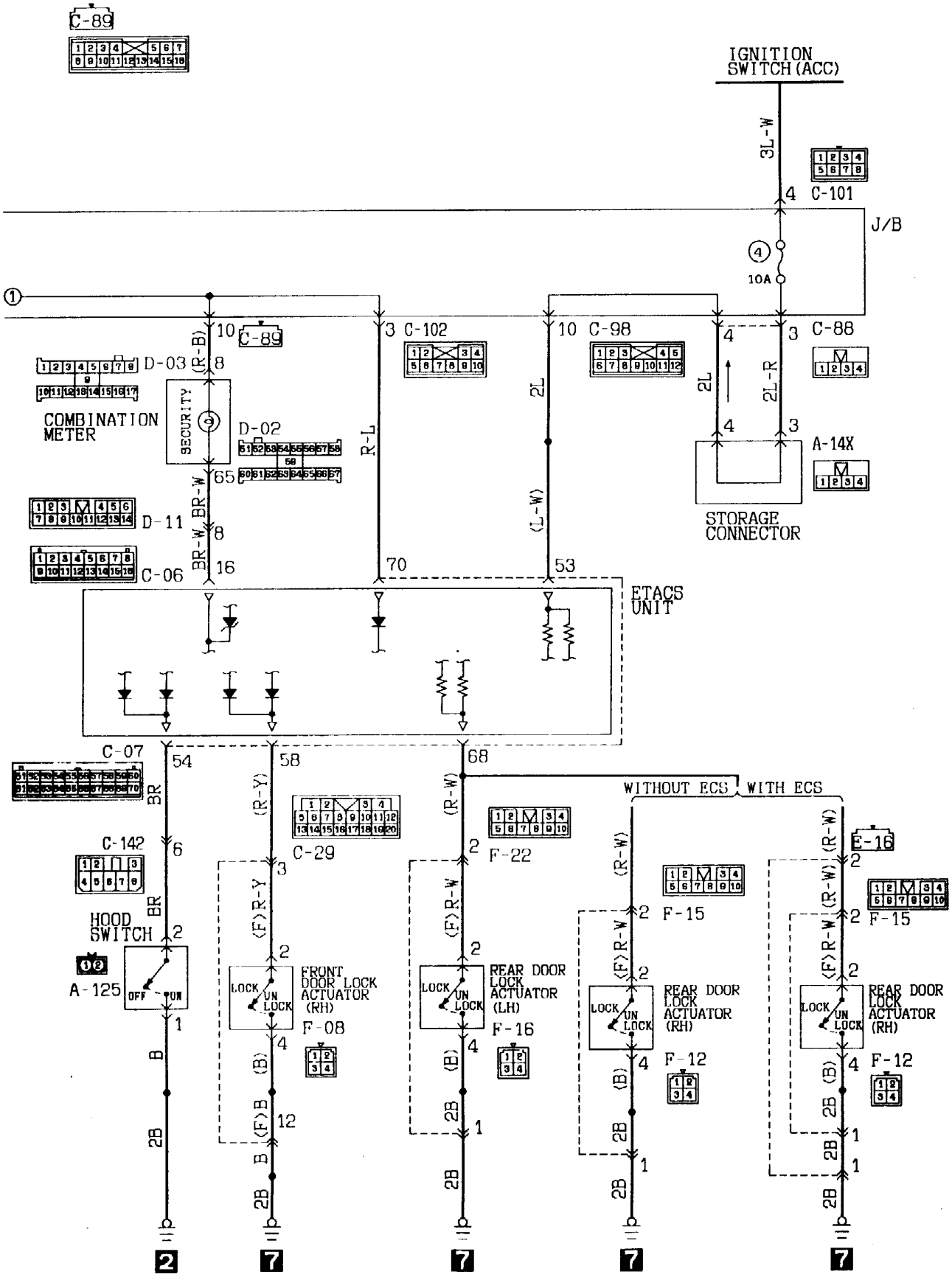


Wire colour code

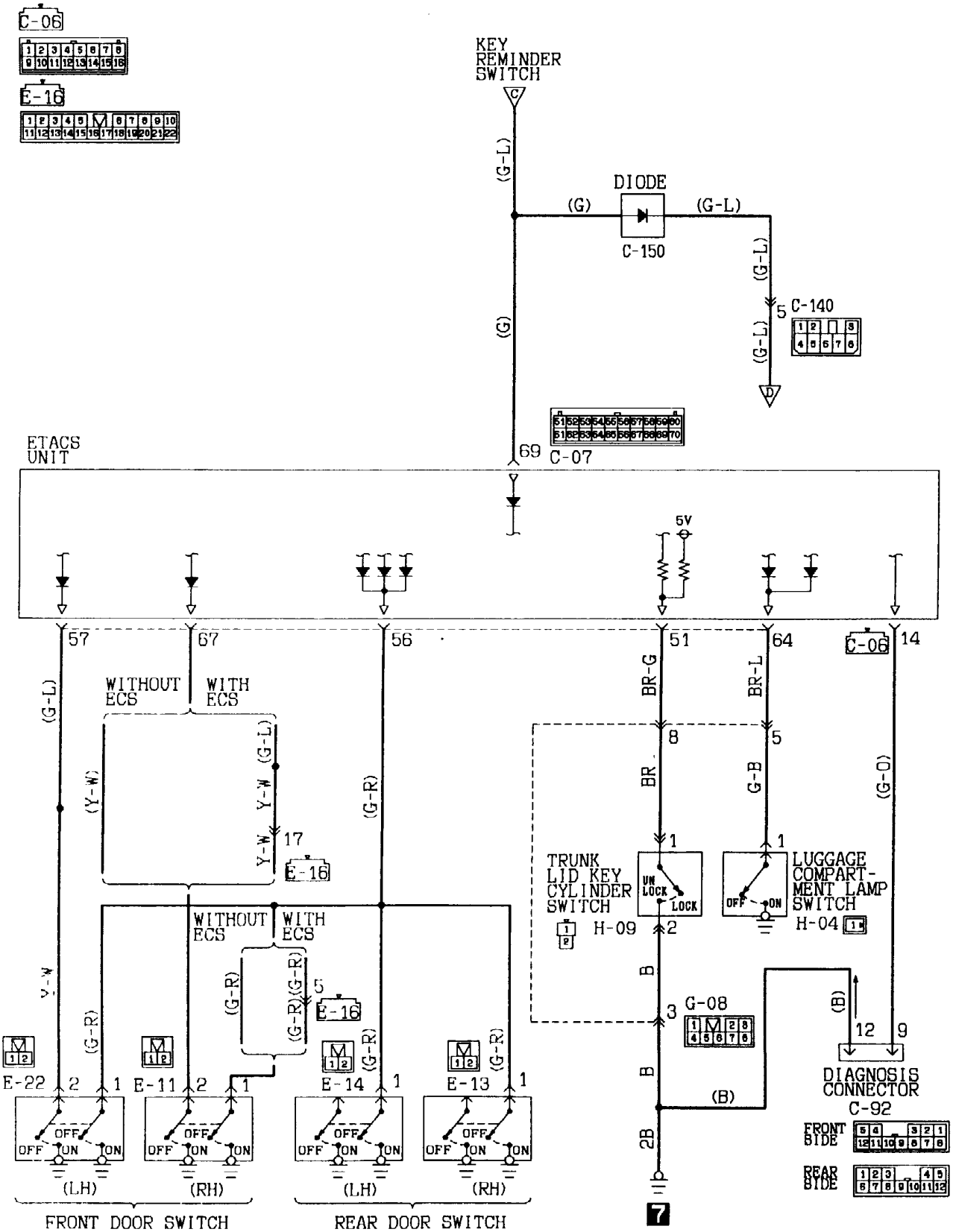
B:Black	LG:Light green	G:Green	L:Blue	W:White	Y:Yellow	SB:Sky blue	
BR:Brown	O:Orange	GR:Gray	R:Red	P:Pink	V:Violet		

KX35-AC-J1551-EC

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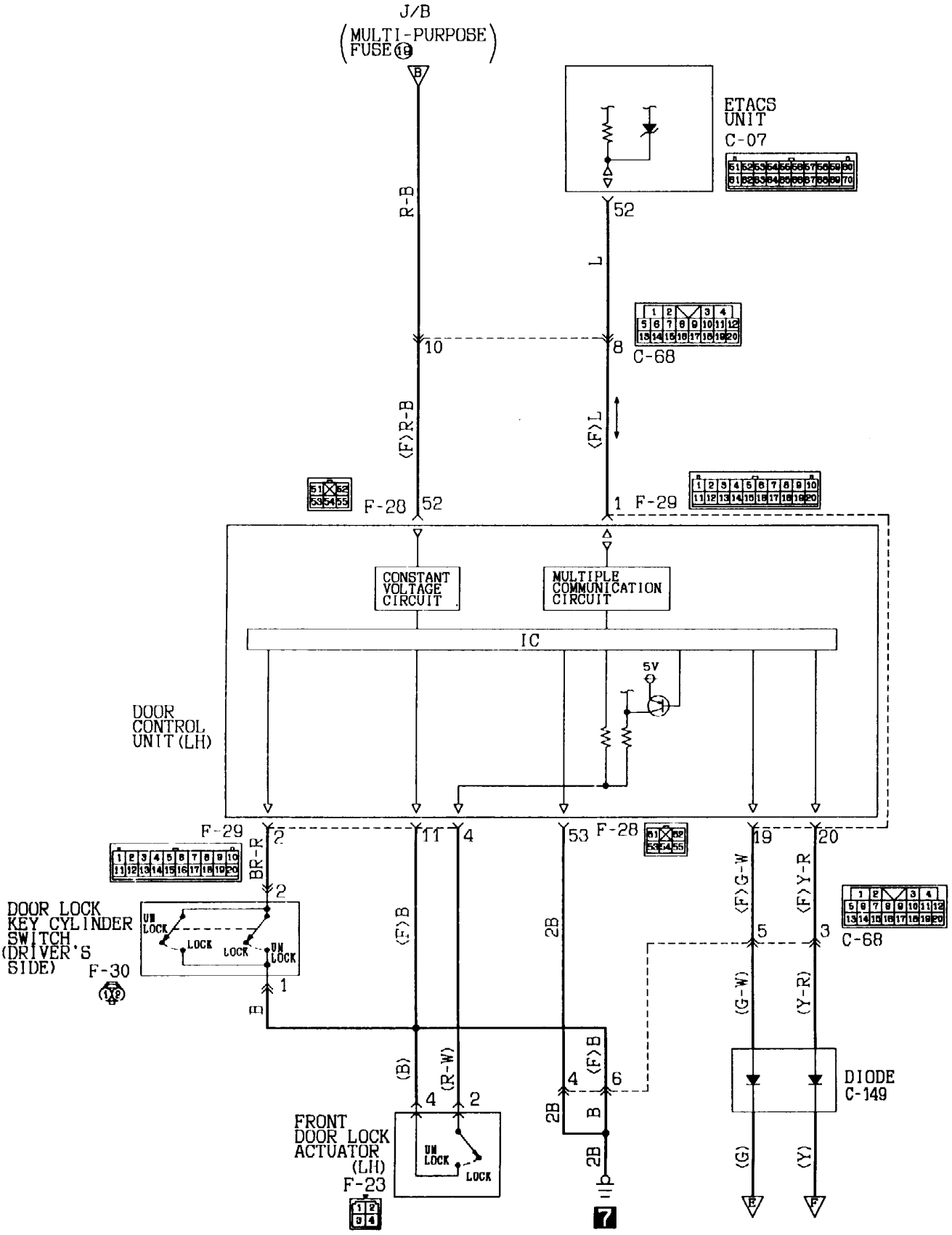
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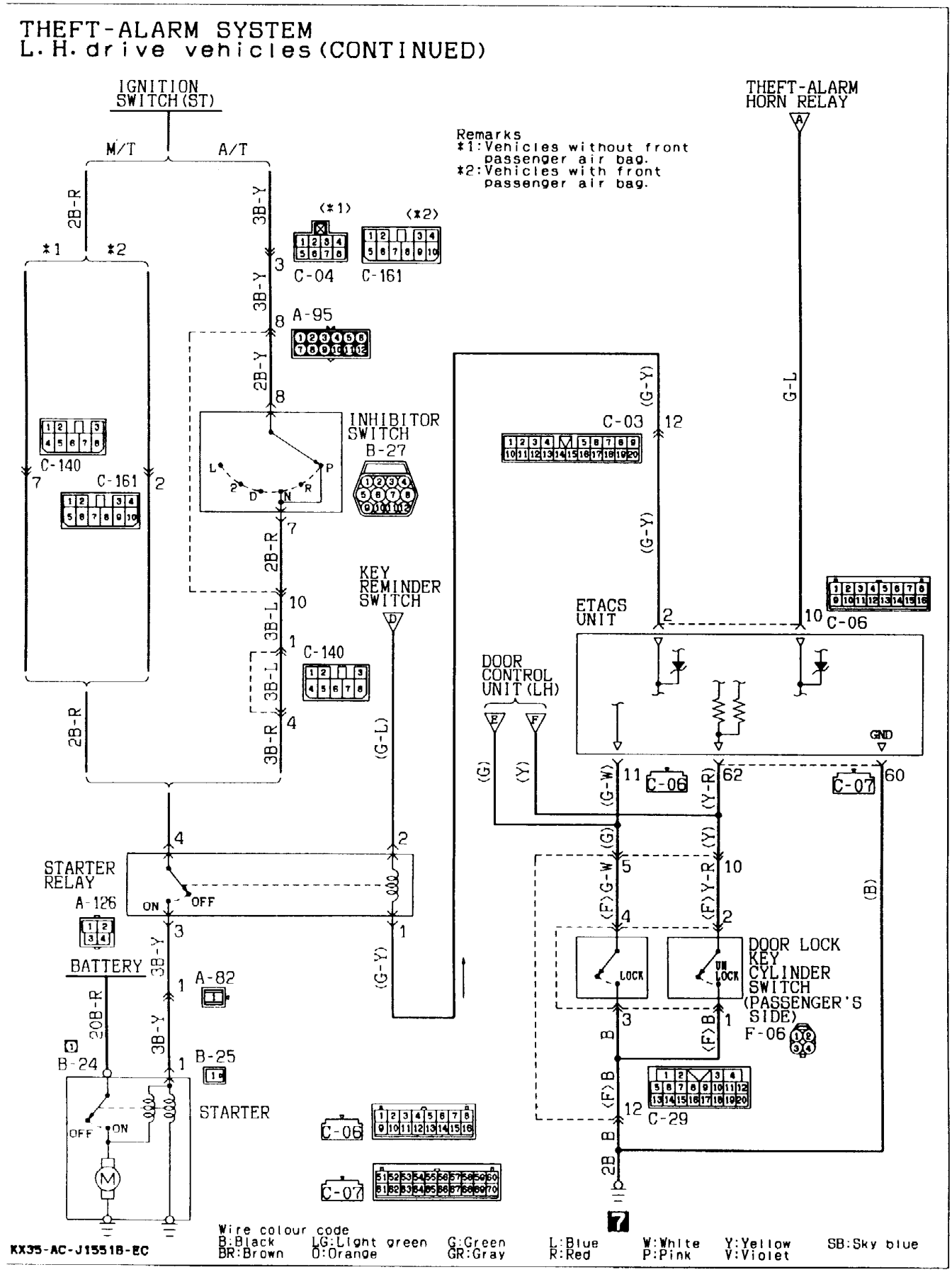
Wire colour code
B:Black BR:Brown LG:Light green O:Orange G:Green GR:Gray L:Blue R:Red W:White P:Pink Y:Yellow V:Violet BB:Sky blue

KX35-AC-J1551A-BC

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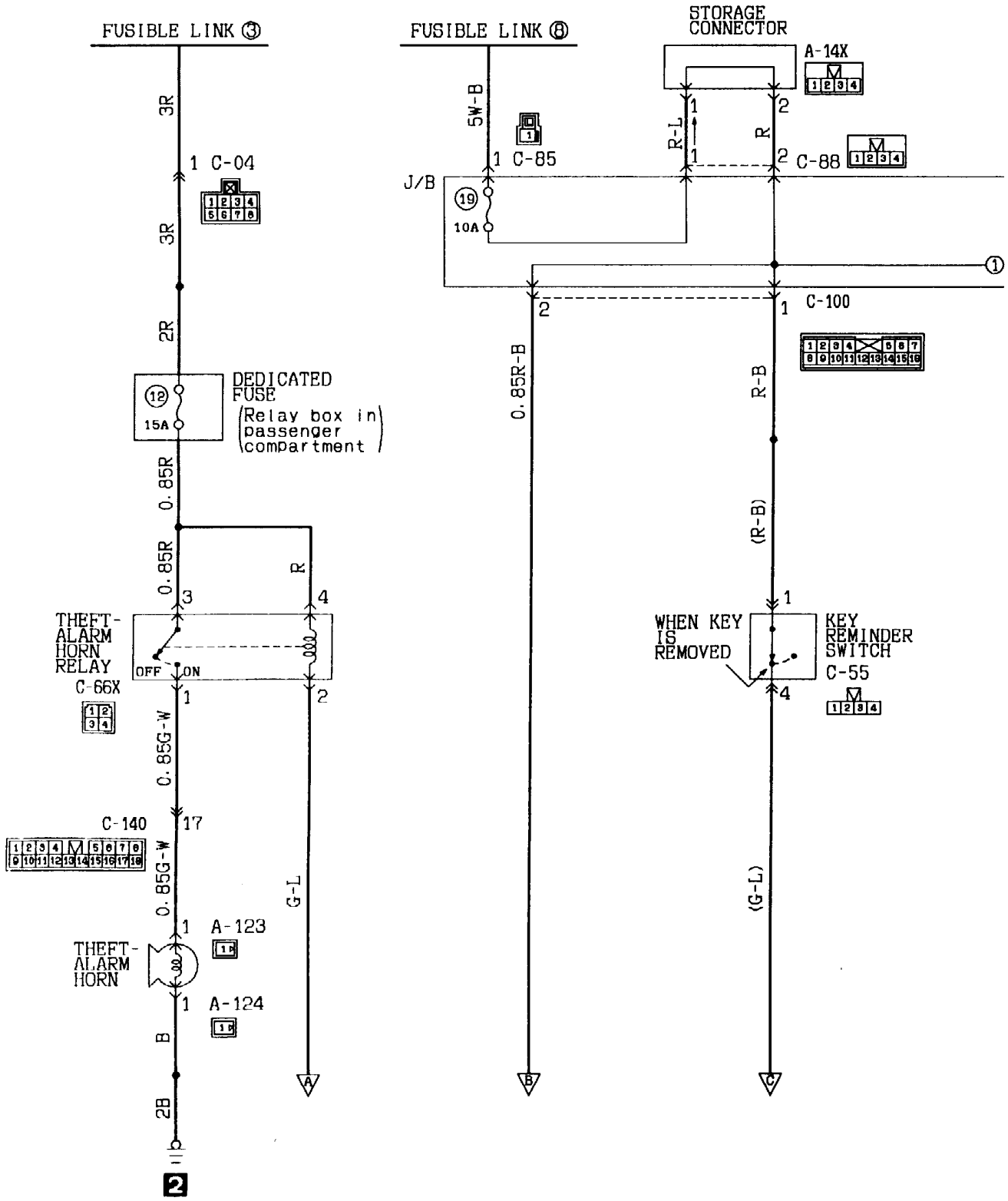
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THEFT-ALARM SYSTEM

R.H. drive vehicles

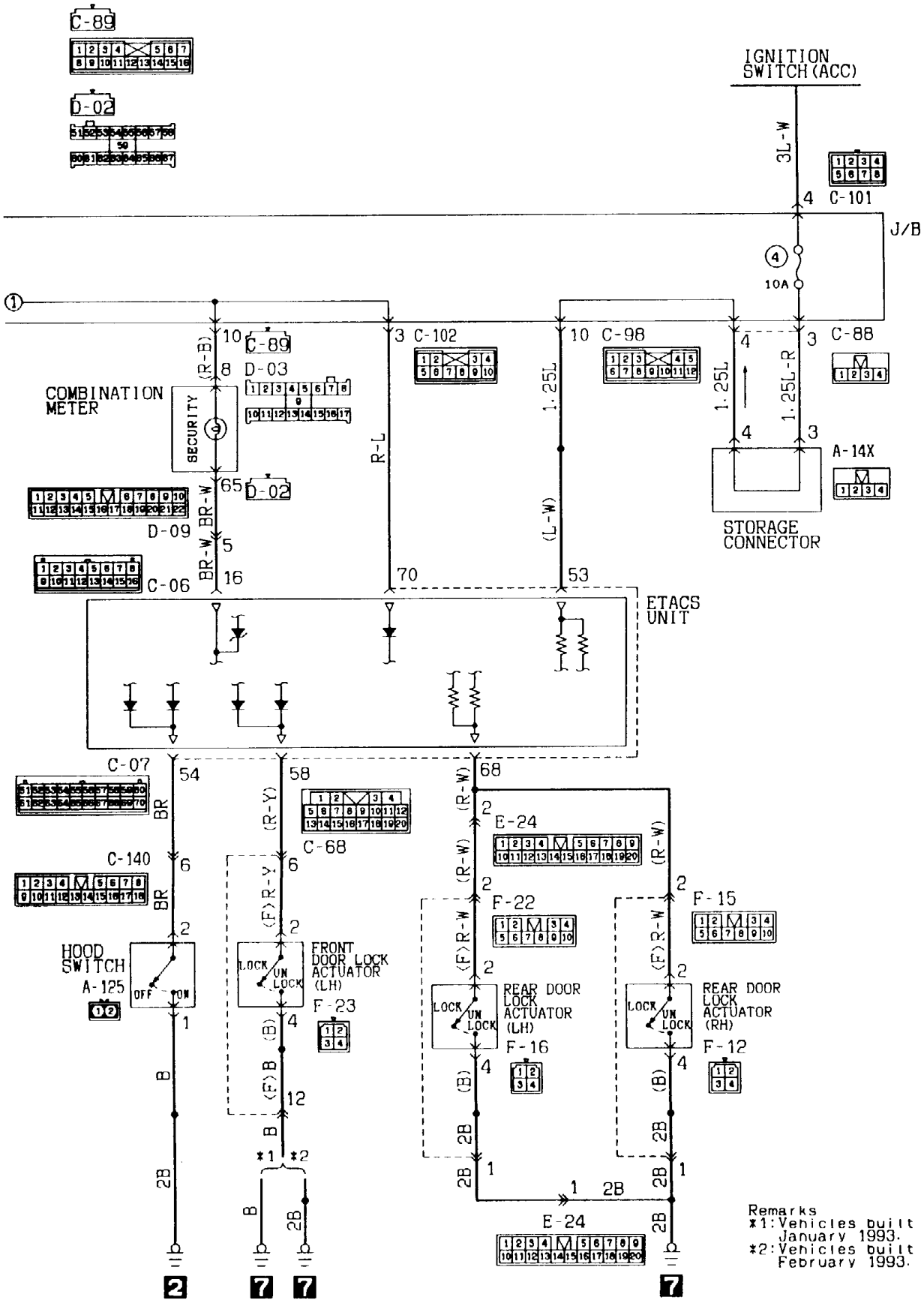


Wire colour code

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

XX36-AC-J1552-EC

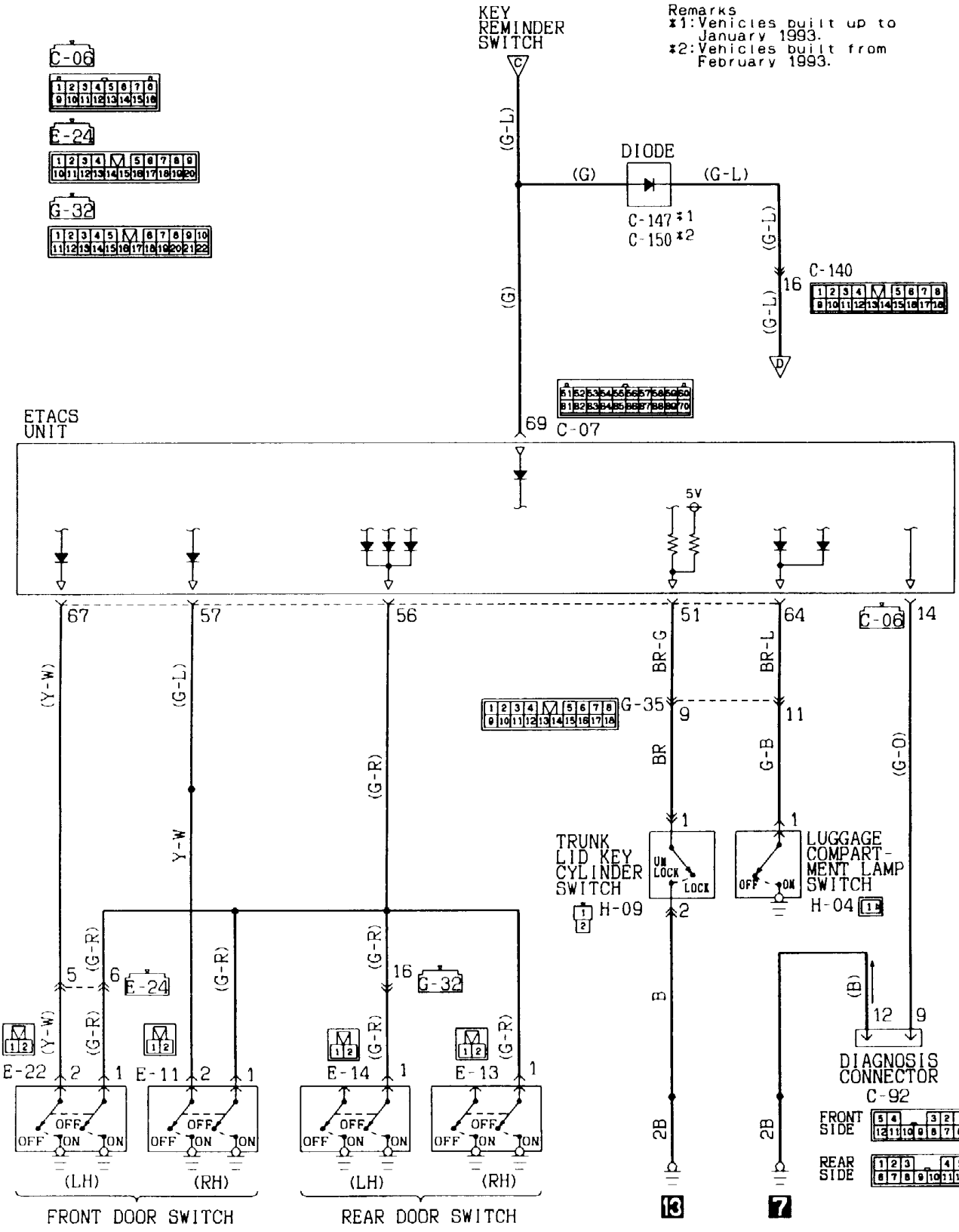
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Remarks
*1: Vehicles built up to January 1993.
*2: Vehicles built from February 1993.

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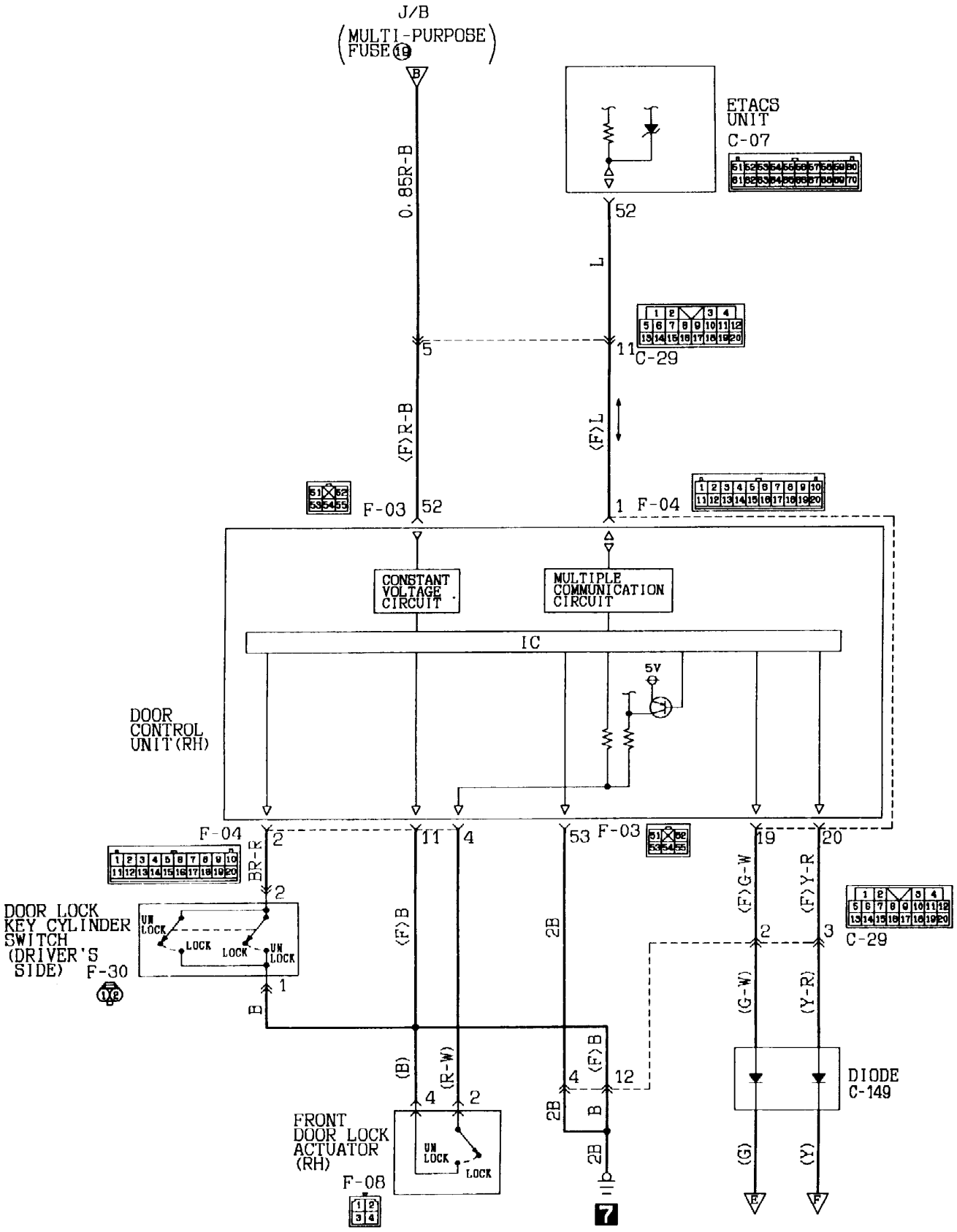
THEFT-ALARM SYSTEM
R.H. drive vehicles (CONTINUED)



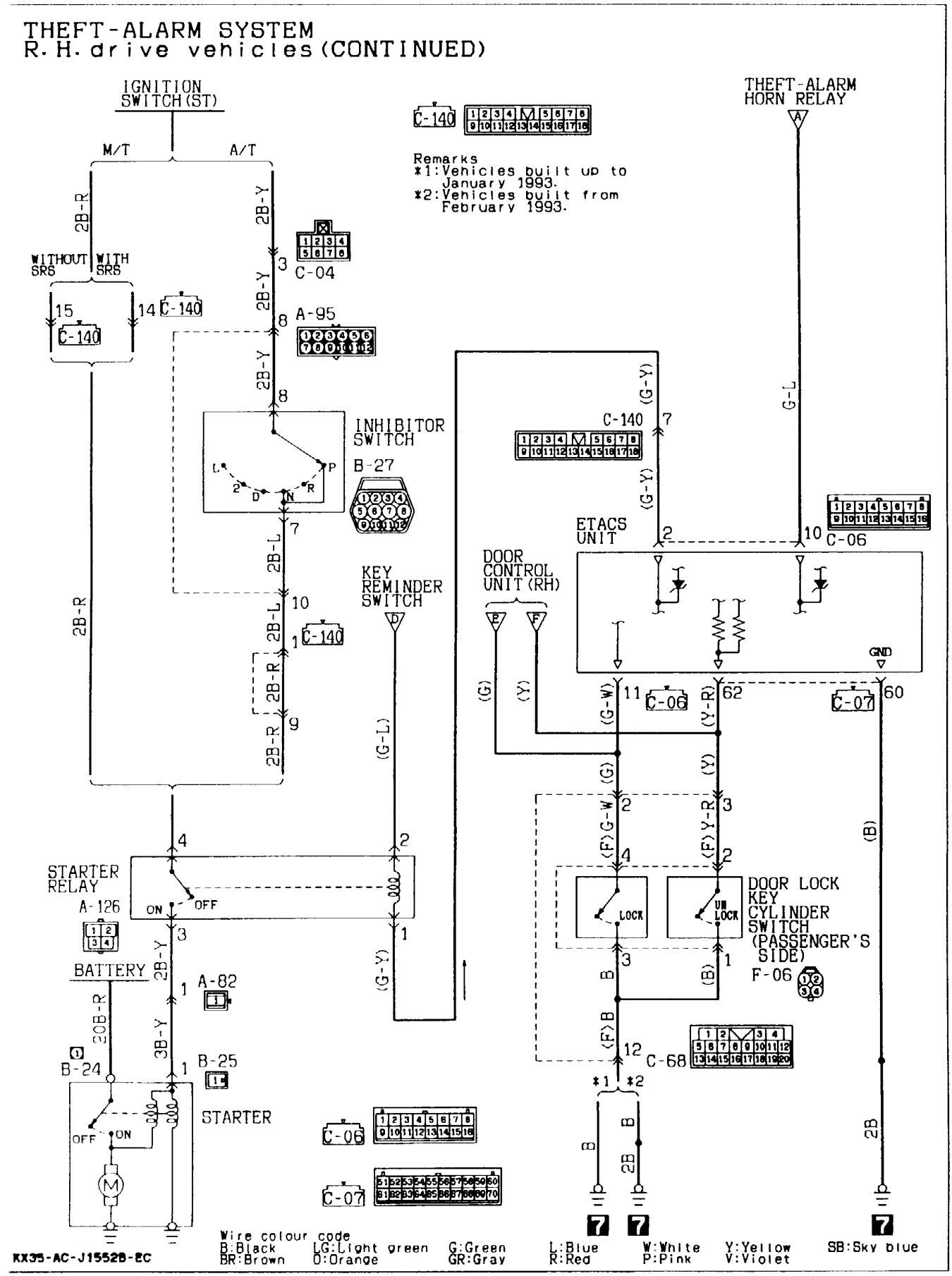
Wire colour code
B:Black BR:Brown LG:Light green O:Orange G:Green GR:Gray L:Blue R:Red W:White P:Pink Y:Yellow V:Violet SB:Sky blue

KX35-AC-J1552A-EC

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