

MITSUBISHI SIGMA

ELECTRICAL WIRING

FOREWORD

This Electrical Wiring Manual contains information necessary for inspection and servicing of electrical wiring in the Mitsubishi SIGMA edited in the form of wiring harness configuration diagrams and function-separated circuit diagrams.

It is recommended that all service mechanics engaged in the servicing of the vehicle refer to the following publications as well as this manual.

TECHNICAL INFORMATION MANUAL
PYSE9008

WORKSHOP MANUAL
PWGE9004
(Loose-leaf edition)

WORKSHOP MANUAL
Engine Group
PWEE□□□□
(Loose-leaf edition)

PARTS CATALOGUE
B608A100AA

GROUP INDEX

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WIRING DIAGRAMS

WIRING HARNESS **2**
CONFIGURATION DIAGRAMS

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CIRCUIT DIAGRAM **4**

MODELS

Model code	Engine model	Transmission model
F16ASNHEL6	6G72-SOHC	F5M33 (5M/T)
F16ASNHER6	6G72-SOHC	F5M33 (5M/T)
F16ASRHEL6	6G72-SOHC	F4A33 (ELC-4A/T)
F16ASRHER6	6G72-SOHC	F4A33 (ELC-4A/T)
F16ASNXML6	6G72-DOHC	F5M33 (5M/T)
F16ASNXMLR6	6G72-DOHC	F5M33 (5M/T)
F16ASRXML6	6G72-DOHC	F4A33 (ELC-4A/T)
F16ASRXMR6	6G72-DOHC	F4A33 (ELC-4A/T)
F16ASRPML6	6G72-DOHC	F4A33 (ELC-4A/T)
F16ASRPMR6	6G72-DOHC	F4A33 (ELC-4A/T)

COMPOSITION AND CONTENTS OF WIRING DIAGRAMS

This manual consists of wiring harness diagrams, installation locations of individual parts, circuit diagrams and wiring diagram.

Section	Basic contents
Wiring harness configuration diagrams	Connector locations and harness wiring configurations on actual vehicles are illustrated.
Single part installation position	Locations are shown for earth points of relays, control units, sensors, diodes, check terminals, spare terminals, fusible links, fuses, etc. In the parts lists, parts are listed in alphabetical order.
Circuit diagrams	Circuits from power supply to earth are shown completely, classified according to system. There is a main division into power circuits, and circuits classified by system. The circuits classified by system also include operation and troubleshooting hints. • Power supply circuits Circuits from the battery to fusible link, dedicated fuses, ignition switch, general purpose fuses, etc. • Circuits classified by system For each system, the circuits are shown from fuse to earth, excluding the power supply sections. • Operation The normal operation of each system is briefly described, following the route of current flow. • Troubleshooting hints This is a brief explanation of the inspection points that serve as hints when troubleshooting. Explanations of the circuits controlled by the electronic control unit are omitted. Refer to the related publications as required. • Junction block Here is the circuit for the entire junction block since only the part of the junction block needed is normally shown in each circuit diagram.
Wiring diagram	All the harnesses and connectors are shown together so that the circuit diagrams and wiring harnesses of the entire vehicle can be seen at a glance.

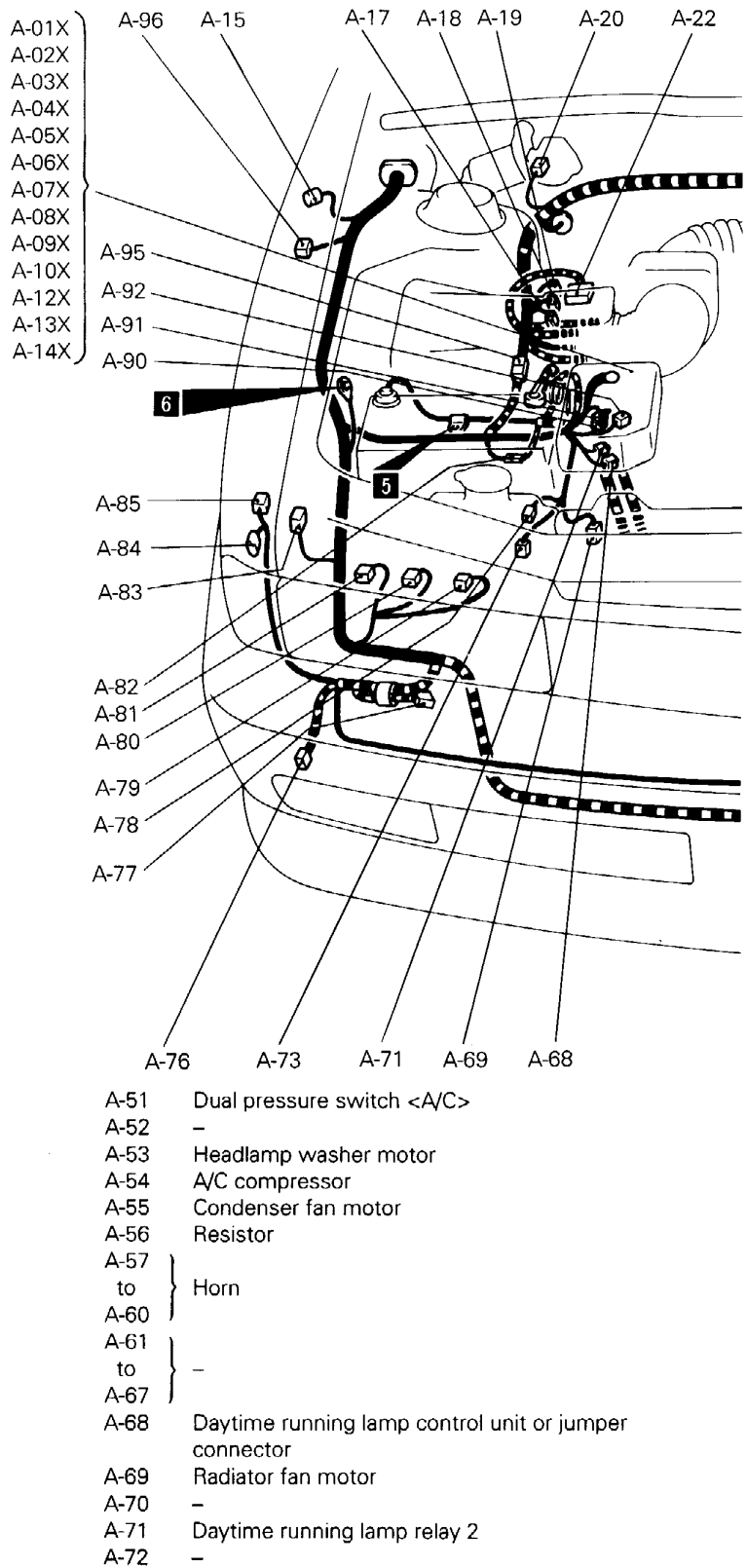
2-3 L.H. drive vehicles with MPI-SOHC engine <Vehicles with ABS>

Connector
symbol**A**

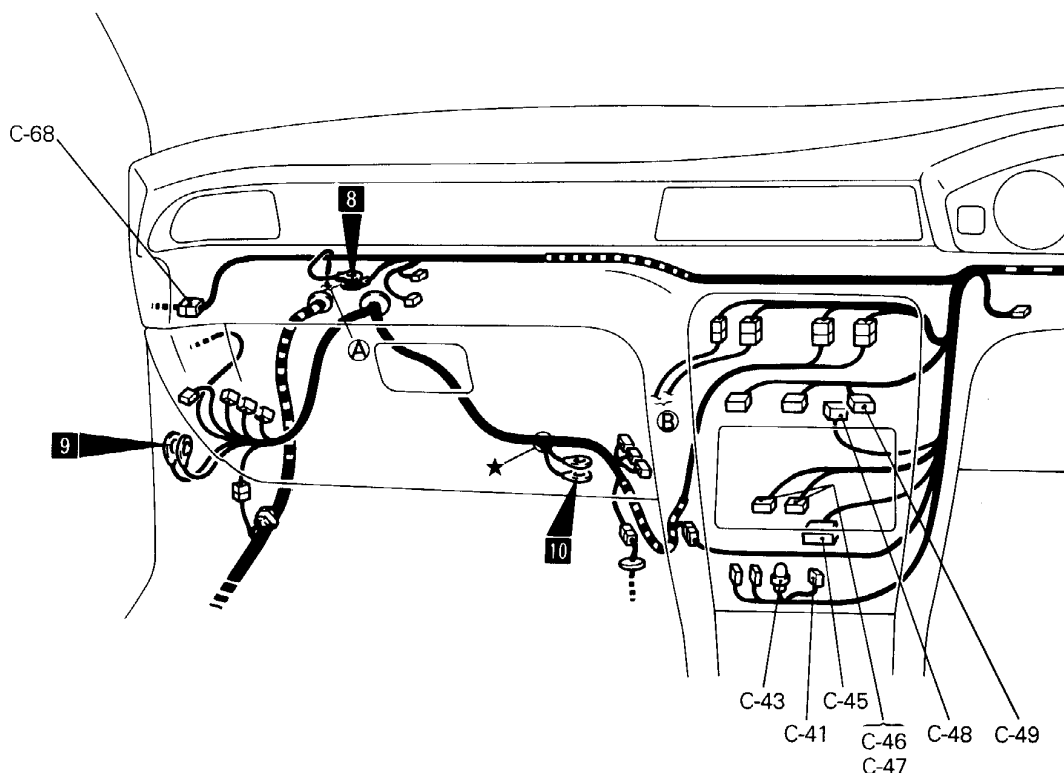
A-01X
A-02X
A-03X
A-04X
A-05X
A-06X
A-07X
A-08X
A-09X
A-10X
A-11X
A-12X
A-13X
A-14X

Refer to CENTRALIZED JUNCTION

A-15 Side turn signal lamp (RH)
A-16 –
A-17 Pulse generator <A/T>
A-18 Kickdown servo switch <A/T>
A-19 A/T fluid temperature sensor <A/T>
A-20 Windshield wiper motor
A-21 Brake fluid level sensor
A-22 Air flow sensor
A-23 –
A-24 –
A-25 Purge control solenoid valve
A-26 }
to } –
A-28 }
A-29 Ignition timing adjustment connector
A-30 –
A-31 Fuel pump check connector
A-32 –
A-33 Side turn signal lamp (LH)
A-34 ABS speed sensor (Front: LH)
A-35 –
A-36 ABS valve relay
A-37 ABS motor relay
A-38 –
A-39 –
A-40 No connection
A-41 Front turn signal lamp (LH)
A-42 }
to } ABS hydraulic unit
A-44 }
A-45 –
A-46 Headlamp leveling unit (LH)
A-47 } Headlamp (LH)
A-48 }
A-49 No connection
A-50 Front fog lamp (LH)

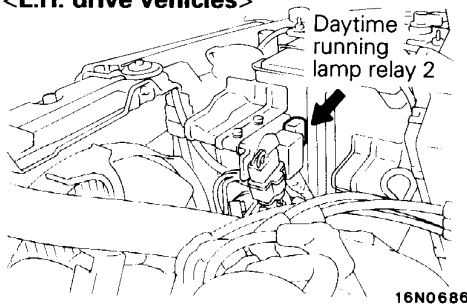
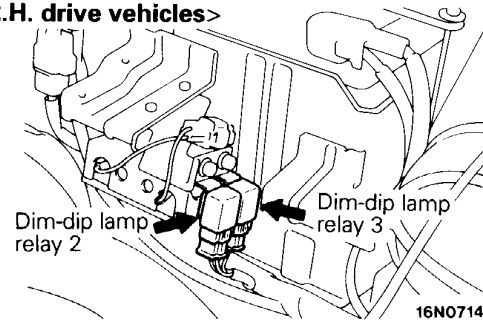
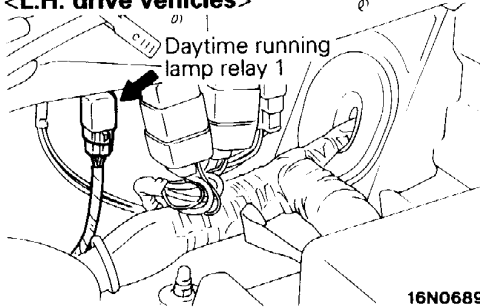
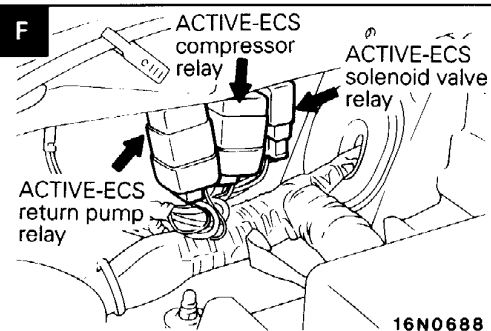
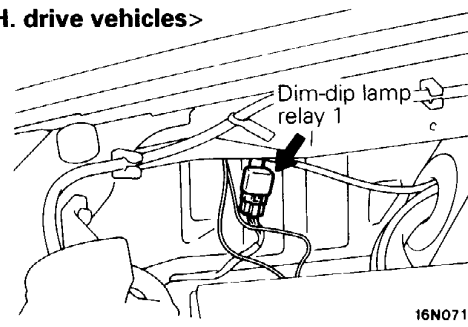
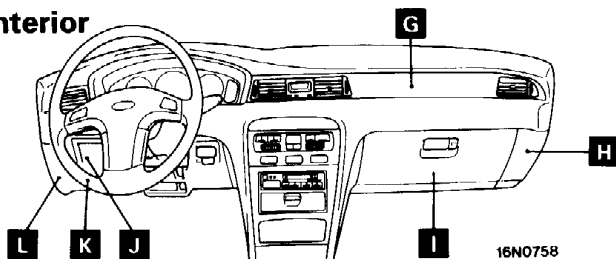


4-2 R.H. drive vehicles

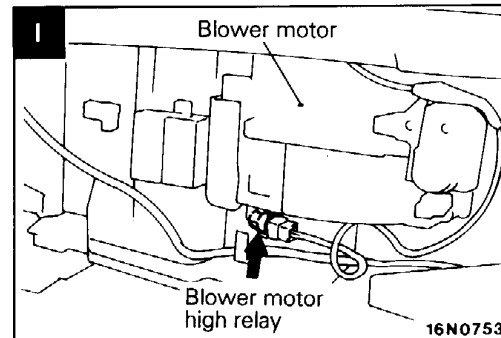
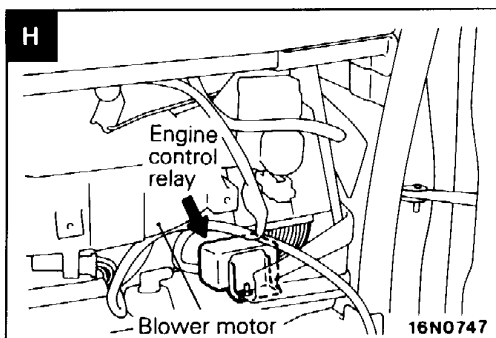
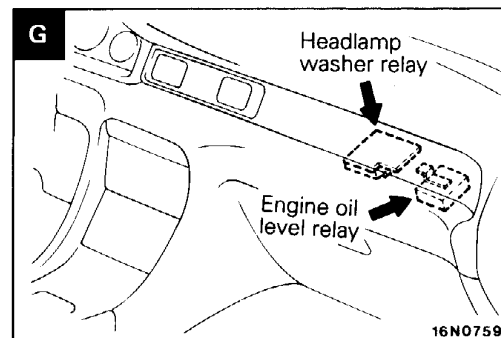
Connector
symbol**C** -41
to
-129

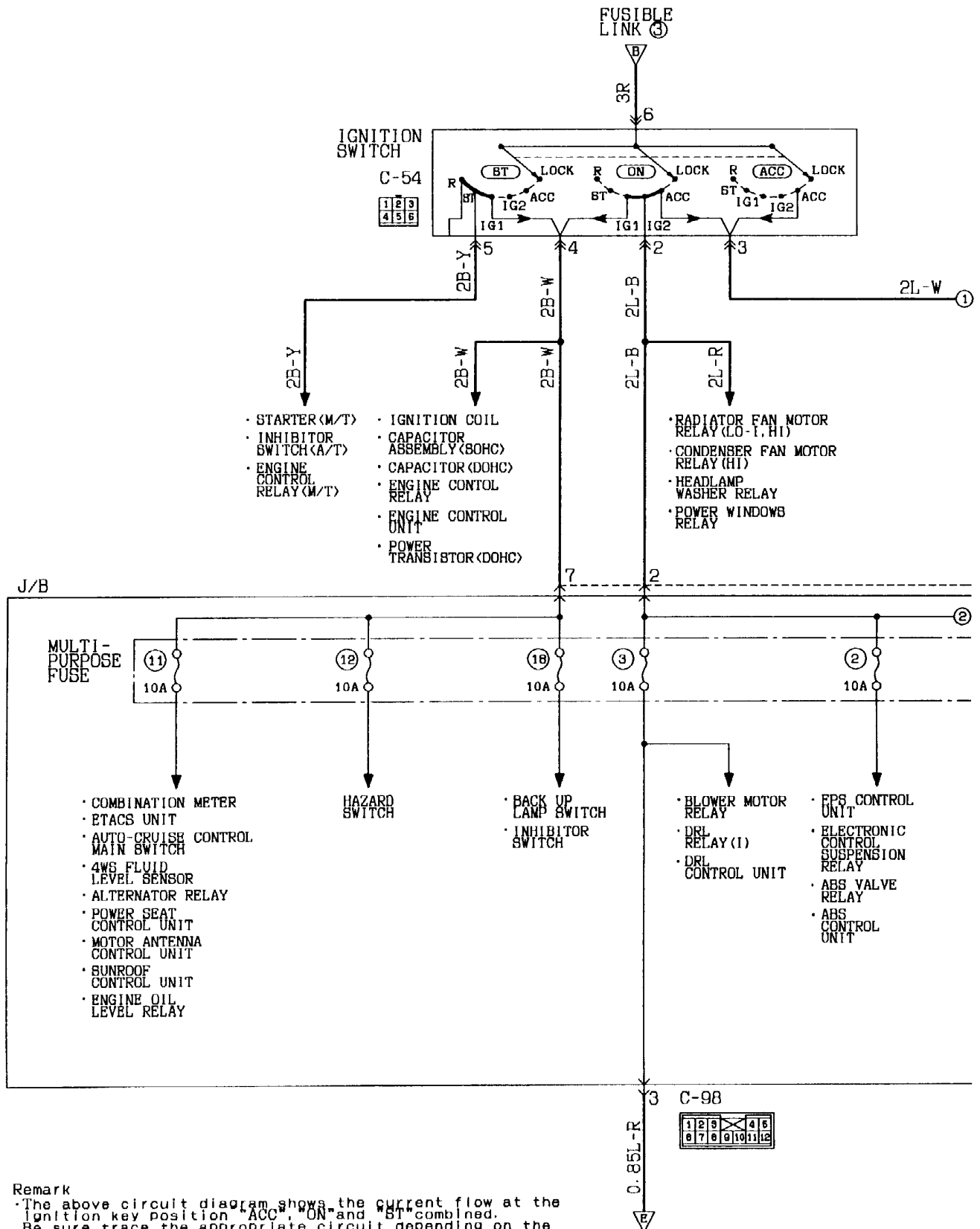
C-41 ACTIVE-ECS switch
 C-42 –
 C-43 Cigarette lighter illumination lamp
 C-44 ACC spare connector
 C-45 Auto-cruise control unit
 C-46 } Audio
 C-47 }
 C-48 EPS control unit
 C-49 Hazard warning switch
 C-50 –
 C-51 }
 to } Column switch
 C-53 }
 C-54 Ignition switch
 C-55 Key reminder switch
 C-56 Foot lamp (RH)
 C-57 Foot lamp (LH)
 C-58 } Accessory socket
 C-59 }
 C-60 Rear wiper and washer switch

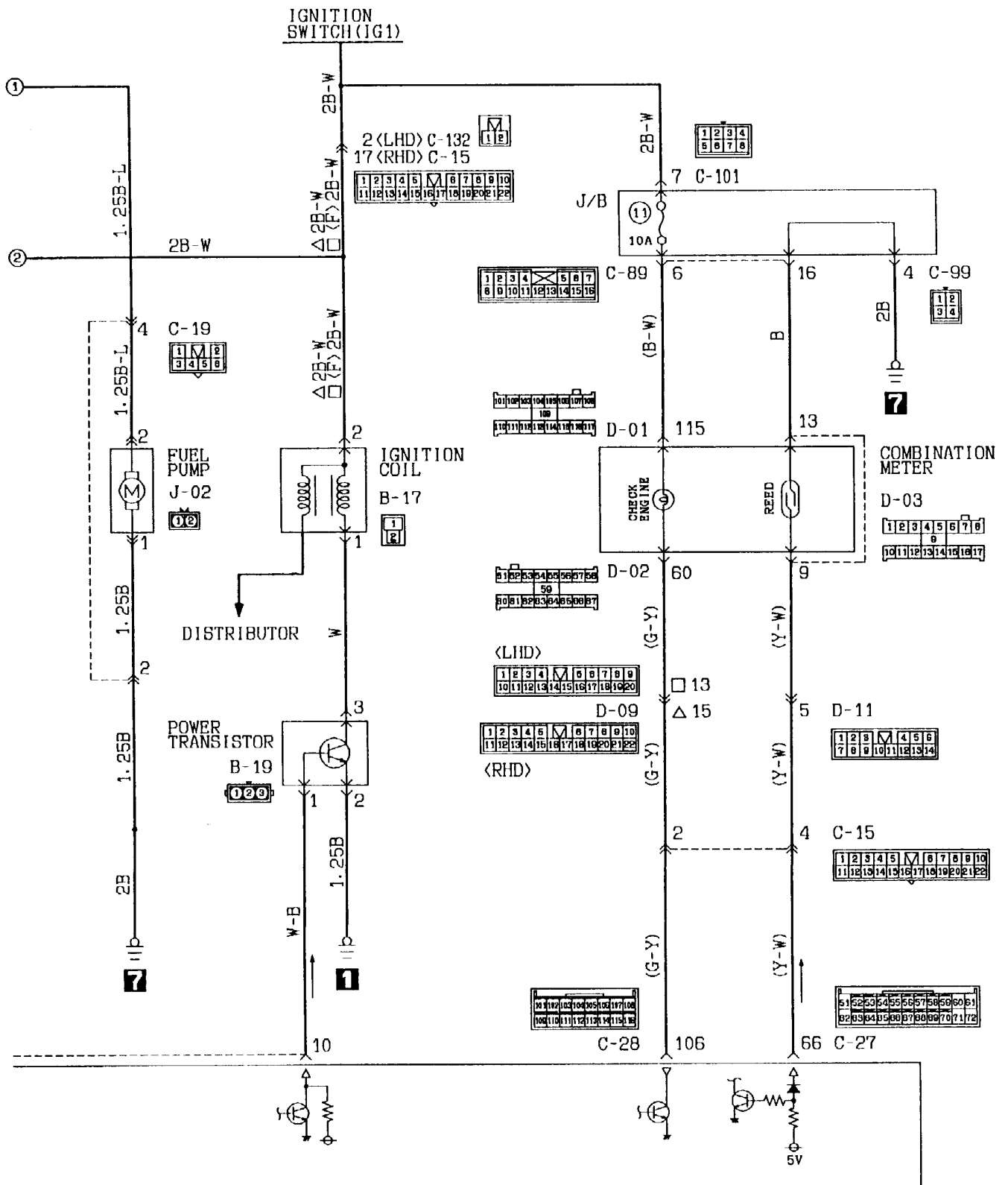
C-61 } No connection
 C-62 }
 C-63 Diode (for ACTIVE-ECS circuit)
 C-64 –
 C-65X }
 to } Refer to CENTRALIZED JUNCTION
 C-67X }
 C-68 Body wiring harness and front door wiring harness
 (LH) combination
 C-69 } A/C control panel assembly
 C-70 }
 C-71 Mode selection damper control motor
 C-72 Air mixing damper control motor
 C-73 Power transistor
 C-74 Water temperature sensor
 C-75 Fin thermo sensor
 C-76 Air inlet sensor
 C-77 Air selection damper control motor
 C-78 Blower motor
 C-79 Blower motor high relay

D <L.H. drive vehicles>**<R.H. drive vehicles>****E <L.H. drive vehicles>****<R.H. drive vehicles>****Interior****NOTE**

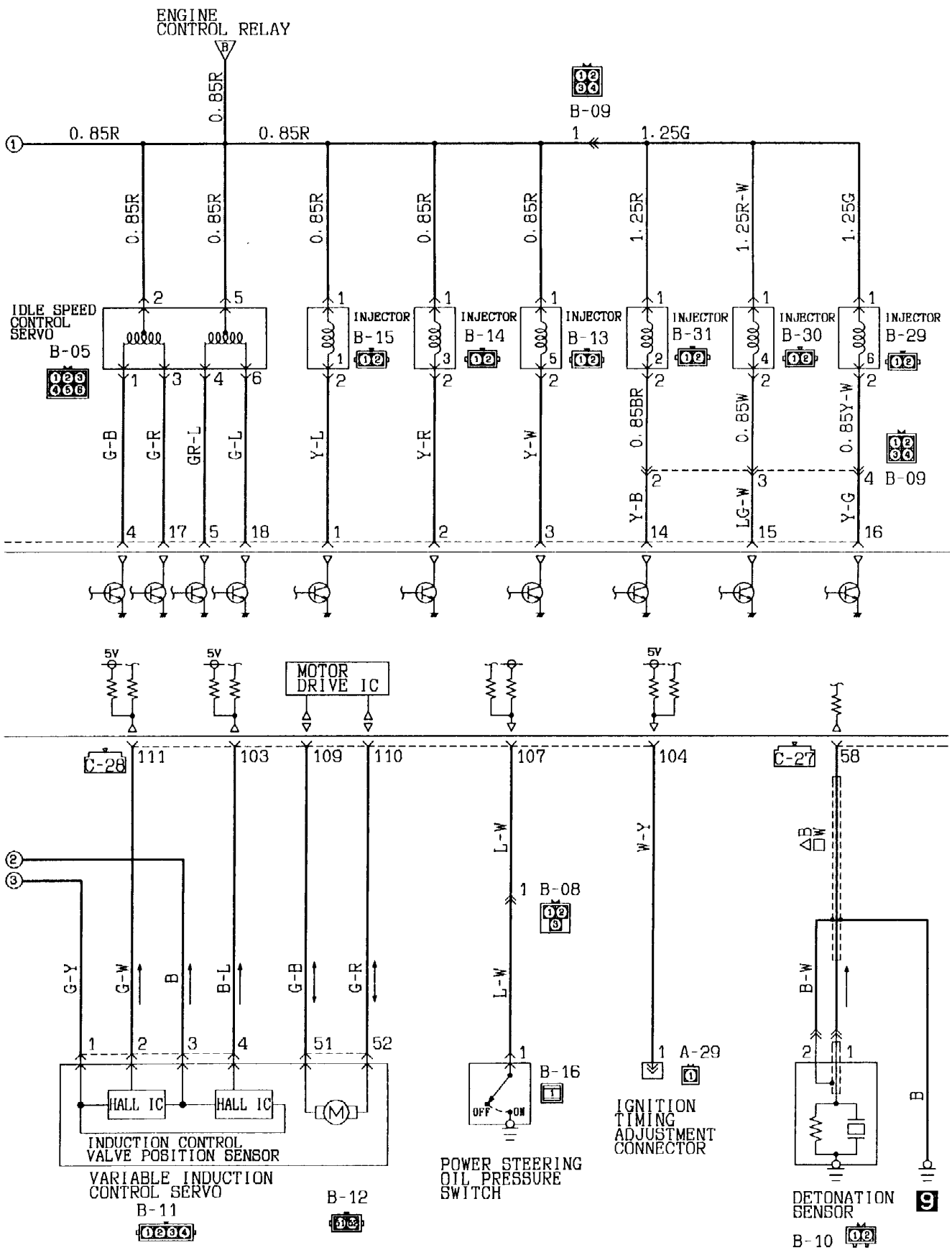
For R.H. drive vehicles, part installation positions are symmetrical.



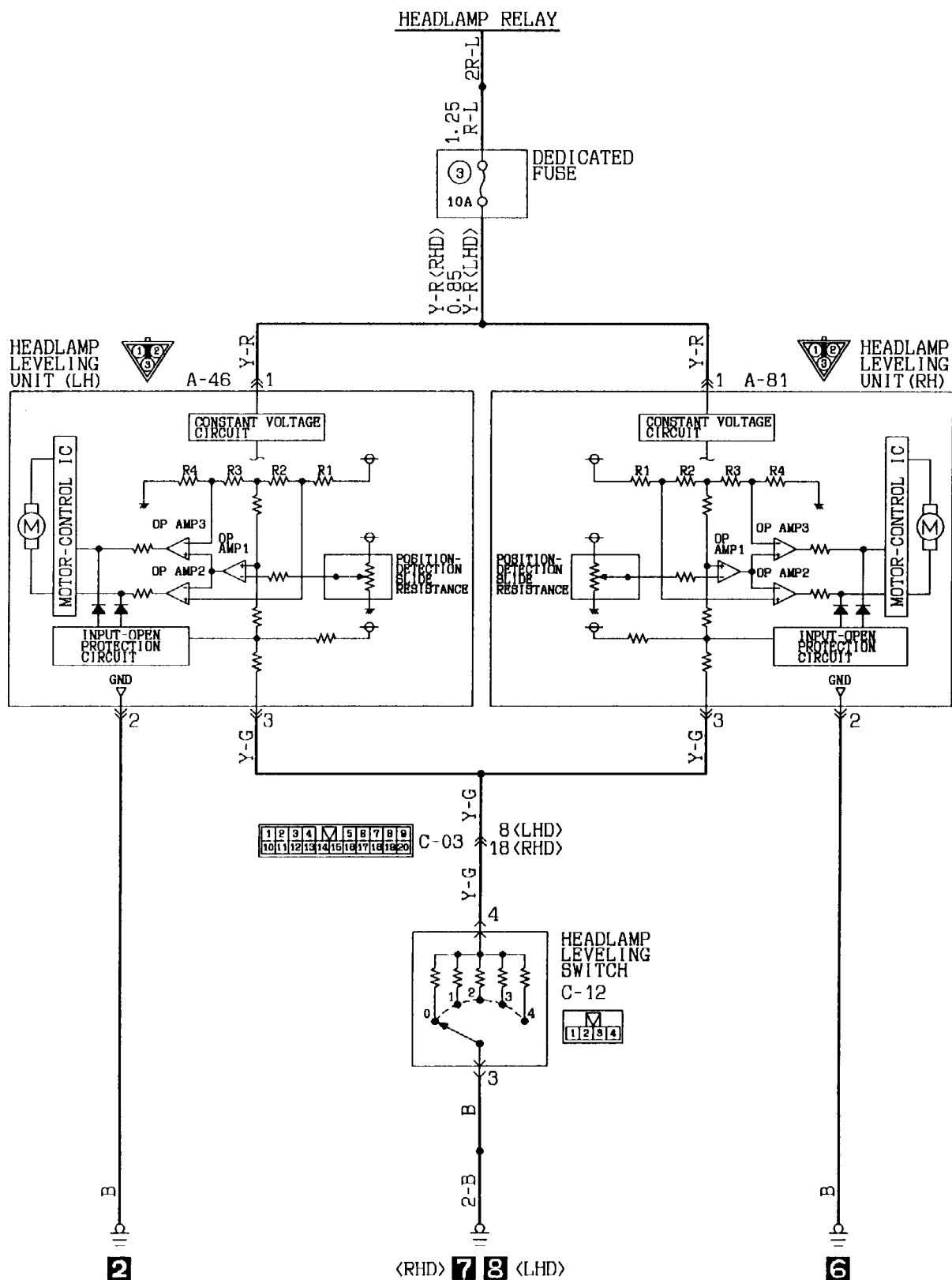




Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet



9-4 Headlamp leveling system



Wire colour code

B:Black LG:Light green

G:Green

L:Blue

W:White

Y:Yellow

BB:Sky blue

BR:Brown O:Orange

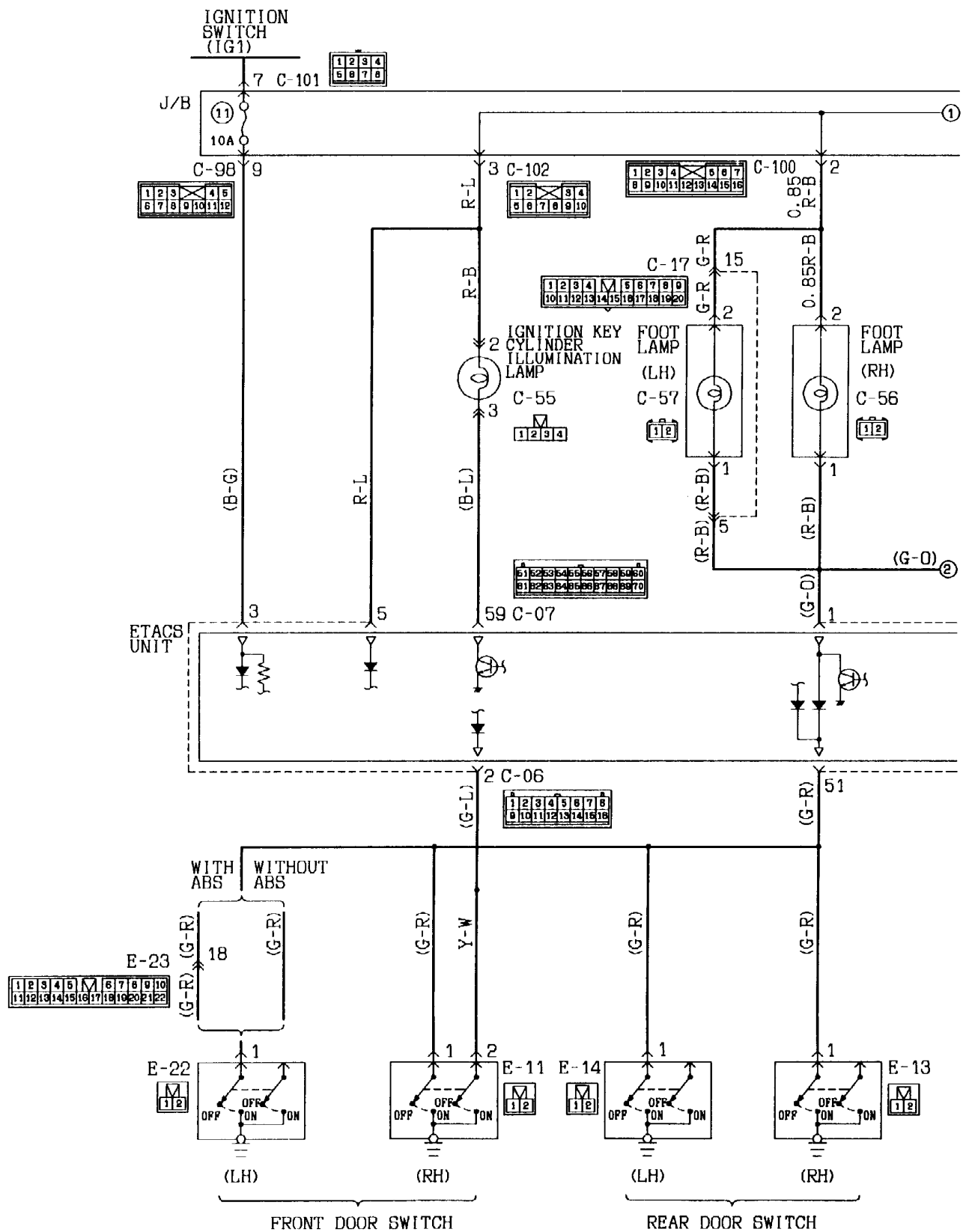
GR:Gray

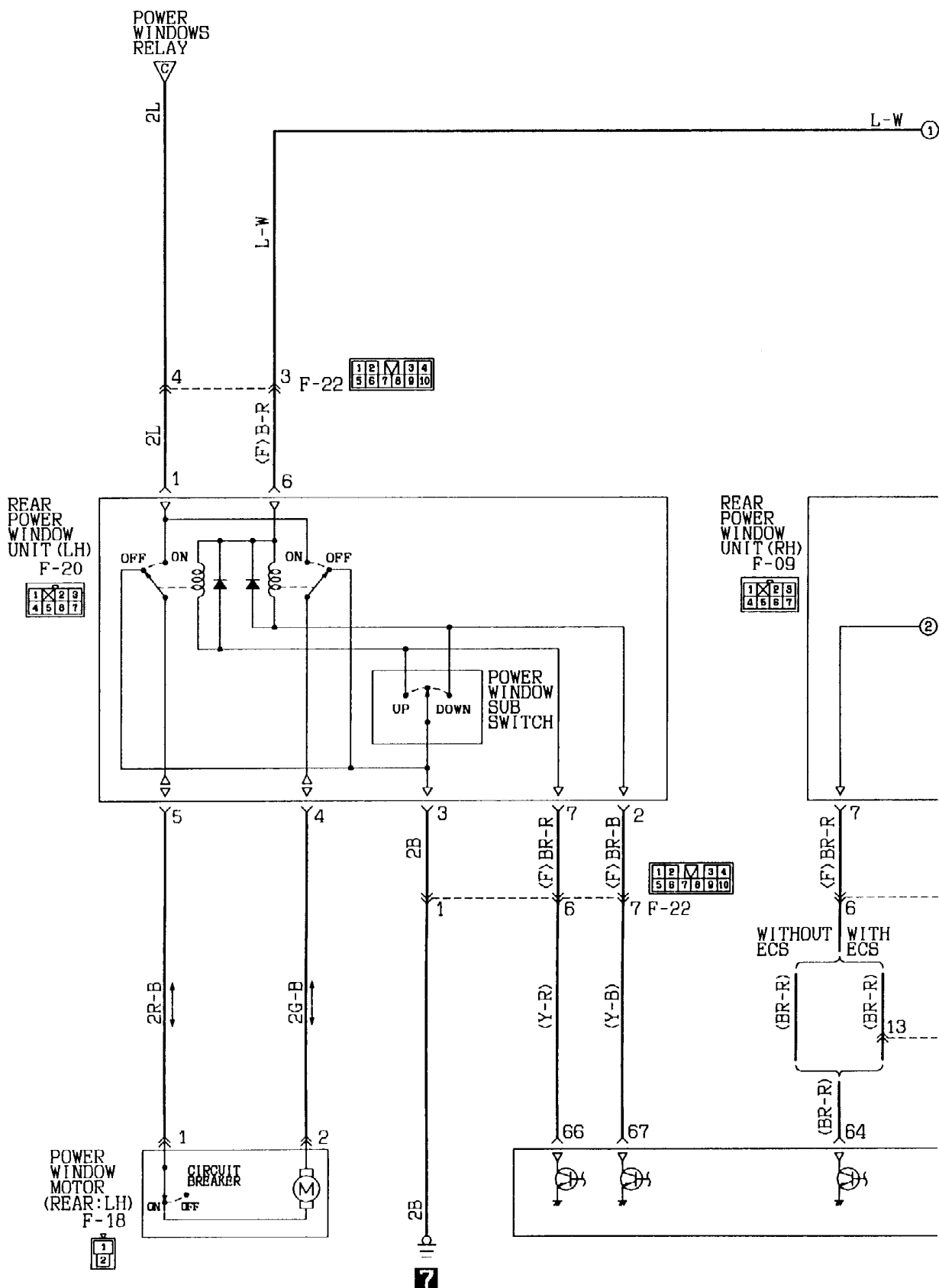
R:Red

P:Pink

V:Violet

13-2 R. H. drive vehicles





Wire colour code

B:Black

LG:Light green

G:Green

L:Blue

W:White

Y:Yellow

SB:Sky blue

BR:Brown

O:Orange

GR:Gray

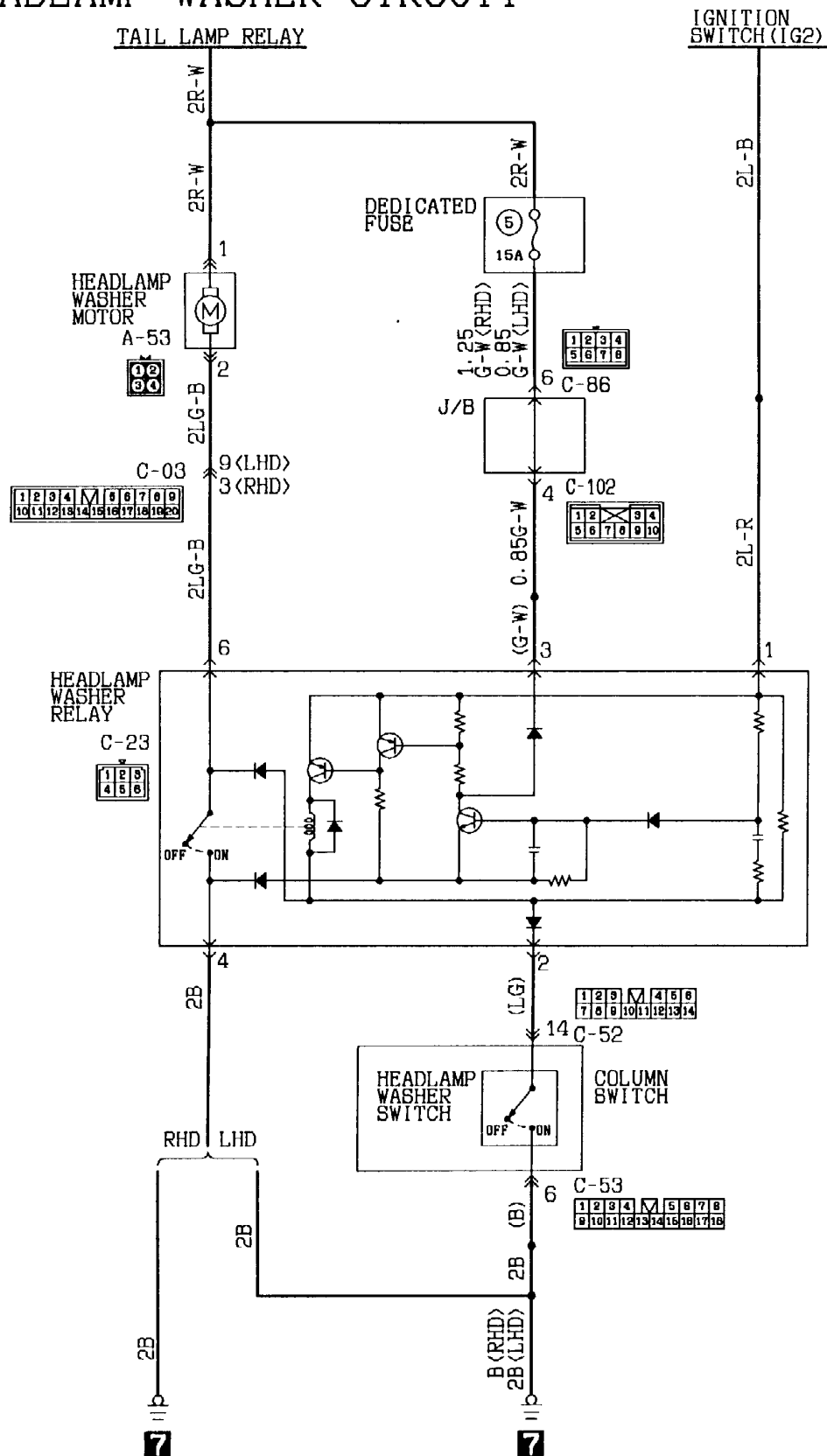
R:Red

P:Pink

V:Violet

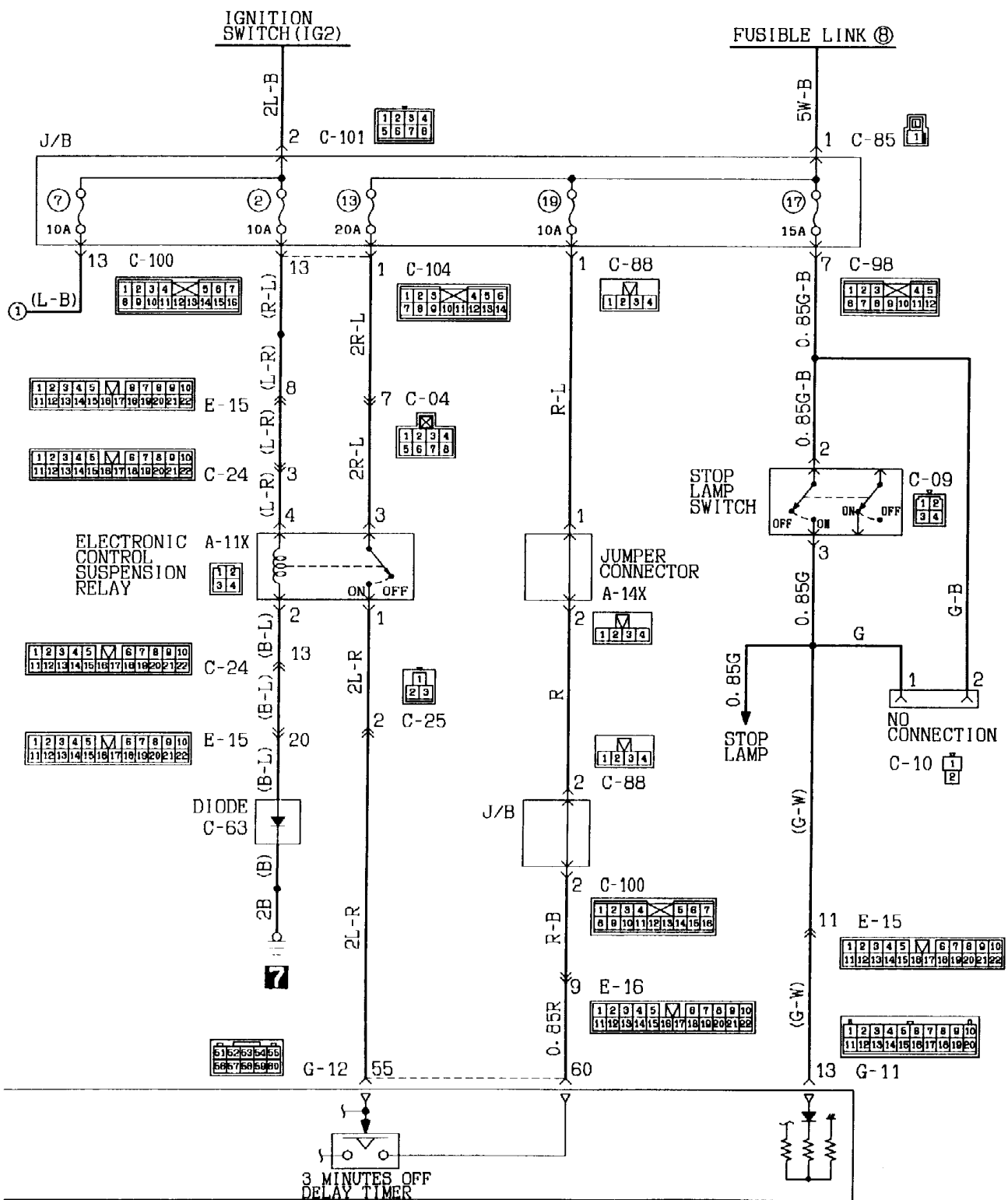
Wire colour code
B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

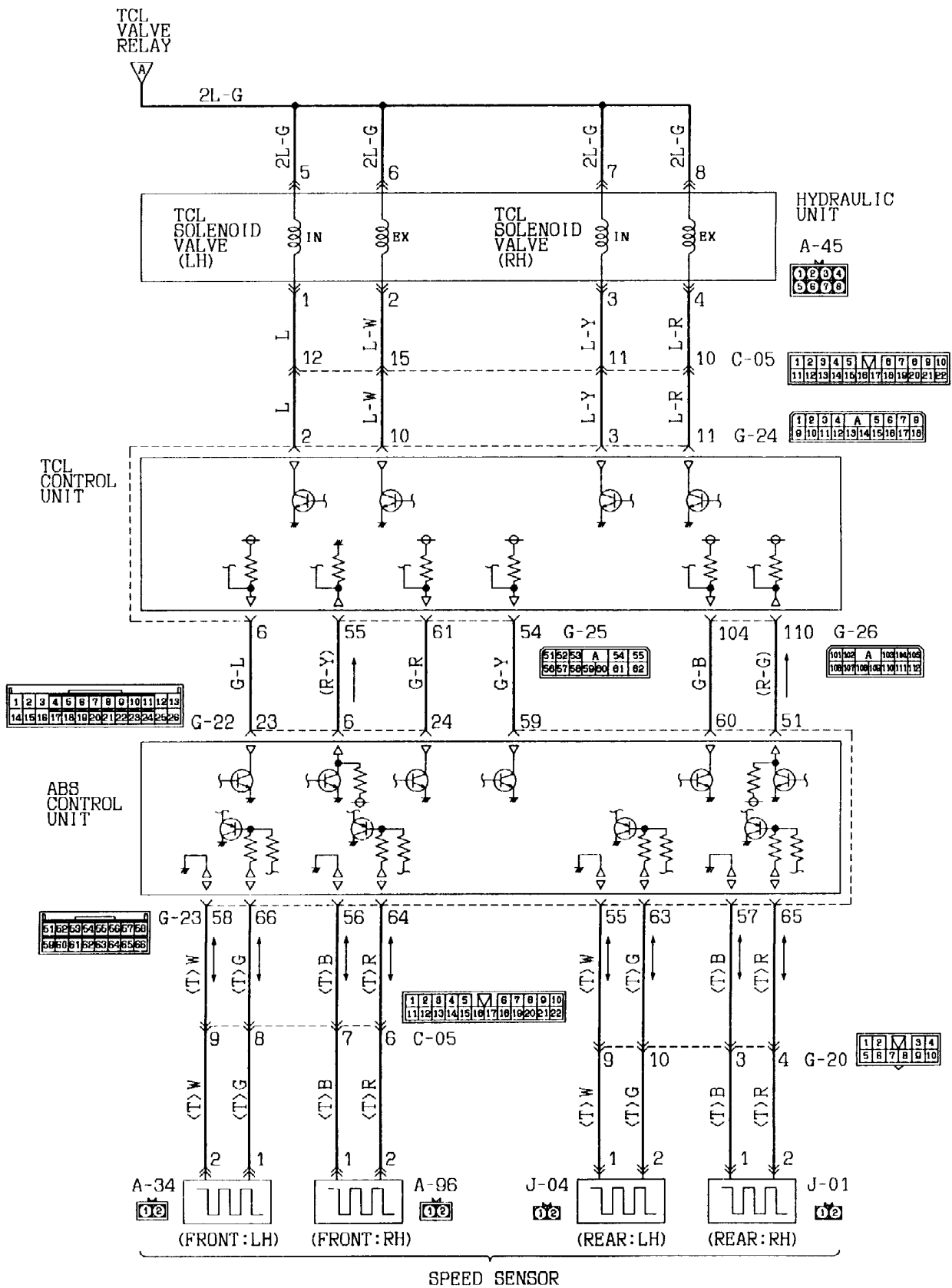
29 HEADLAMP WASHER CIRCUIT



KX35-AC-J1304-EC

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





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