



Workshop Manual

electrical wiring

SUPPLEMENT

SPACE WAGON 2000

SPACE WAGON

ELECTRICAL WIRING SUPPLEMENT

FOREWORD

This publication is a supplement to the Electrical Wiring Manual Pub. No. PHDE9802 and contains only additions and changes to the original issue. 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
PYDE9802

WORKSHOP MANUAL
CHASSIS GROUP
PWDE9803
PWDE9803-A (Supplement)
PWDE9803-B (Supplement)

ELECTRICAL WIRING
PHDE9802

BODY REPAIR MANUAL
PBDE9802

ENGINE GROUP
PWEE□□□□
(Looseleaf edition)

PARTS CATALOGUE
B608W509A□

All information, illustrations and product descriptions contained in this manual are current as of time of publication. We, however, reserve the right to make changes at any time without prior notice or obligation.

 **MITSUBISHI MOTORS CORPORATION**

"GDI" is a trade mark which Mitsubishi Motors Corporation holds.

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Aug. 1999

GROUP INDEX

OUTLINE OF CHANGES

WIRING HARNESS
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WARNINGS REGARDING SERVICING OF SUPPLEMENTAL RESTRAINT SYSTEM (SRS) EQUIPPED VEHICLE

WARNING!

- (1) Improper service or maintenance of any component of the SRS or any SRS-related component, can lead to personal injury or death to service personnel (from inadvertent firing of the air bag) or to the driver and passenger (from rendering the SRS inoperative).
- (2) SRS components should not be subjected to heat over 93 °C, so remove the SRS-ECU, air bag module (driver's side and front passenger's side) and clock spring before drying or baking the vehicle after painting.
- (3) Service or maintenance of any SRS component or SRS-related component must be performed only at an authorized MITSUBISHI dealer.
- (4) MITSUBISHI dealer personnel must thoroughly review this manual, and especially its GROUP 52B–Supplemental Restraint System (SRS), before beginning any service or maintenance of any component of the SRS or any SRS-related component.

HOW TO USE THIS MANUAL

CONTENTS

The preceding page contains GROUP INDEX that lists the group title and group number.

PAGE NUMBERS

All page numbers consist of two sets of digits separated by a dash. The digits preceding the dash identify the number of the group. The digits following the dash represent the consecutive page number within the group. The page number can be found on the top left or right of each page.

OUTLINE OF CHANGES

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ABBREVIATION SYMBOLS

The abbreviation symbols used in wiring diagrams are defined below.

1. Abbreviation symbols used for system name

Abbreviation symbol	Meaning
EBD	Electrical brake force distribution

2. Abbreviation symbols used for combination meters

Abbreviation symbol	Meaning
GDI ECO	GDI ECO indication lamp

WIRING HARNESS CONFIGURATION DIAGRAMS

Connector Symbol	Name	Reference page	Description of changes	
A	ENGINE COMPARTMENT	SPACE WAGON <4G64-GDI (L.H. drive vehicles)>	2-2	<ul style="list-style-type: none"> ● Horn (HI) connector (A-35) has been re-coloured from milky white to black. ● Horn (LO) connector (A-41) has been re-coloured from milky white to black. ● Accelerator pedal position sensor 1 connector (A-62) has been no longer used. ● Accelerator pedal position sensor 2 connector (A-63) has been no longer used. ● Accelerator pedal position sensor connector (A-103) has been newly used. ● Brake warning lamp relay <ABS with EBD> connector (A-104) has been newly used.
		SPACE WAGON <4G64-GDI (R.H. drive vehicles)>	2-6	
B	DASH PANEL	L.H. drive vehicles	2-26	<ul style="list-style-type: none"> ● GDI ECO indication lamp-ECU connector (B-114) has been newly used.
		R.H. drive vehicles	2-28	

SINGLE PART INSTALLATION POSITION

Location of changes	Reference page	Description of changes
RELAY	3-2	<ul style="list-style-type: none"> ● A brake warning lamp relay <ABS with EBD> has been newly used.
ECU	3-2	<ul style="list-style-type: none"> ● A GDI ECO indication lamp-ECU has been newly used.
SENSOR	3-2	<ul style="list-style-type: none"> ● An accelerator pedal position sensor has been newly used.

CIRCUIT DIAGRAM

Main title	Sub title	Reference page	Description of changes
ENGINE CONTROL SYSTEM	SPACE WAGON <4G64-GDI L.H. drive vehicles>	4-2	<ul style="list-style-type: none"> The circuits have been revised as a GDI ECO indication lamp has been newly used and the accelerator pedal position sensor has been modified.
	SPACE WAGON <R.H. drive vehicles>	4-16	
INVECS-II 4A/T	GDI	4-30	<ul style="list-style-type: none"> The circuit has been revised as the accelerator pedal position sensor has been modified.
ANTI-SKID BRAKING SYSTEM (ABS)	–	4-42	<ul style="list-style-type: none"> The circuit has been changed to correspond to the addition of vehicles with EBD.
IMMOBILIZER SYSTEM	GDI	4-48	<ul style="list-style-type: none"> The engine control relay power supply circuit has been revised.

TABLE OF CIRCUIT DIAGRAMS

This table of circuit diagrams indicates those circuits in which changes and/or additions, etc. have been made; the circuits are here listed in the sequence in which they are presented in the wiring diagrams. Please use this table for reference when following maintenance or repair procedures.

NOTE

- (1) A (Added) : This circuit has been newly added.
 (2) R (Revised) : This circuit has been changed.
 (3) D (Deleted) : This circuit has been deleted.
 (4) I (Included) : This circuit is included in the previous manual(s).
 (5) N (Not applicable) : This circuit is not applicable.
 (6) P (Previous manual) : This circuit is not included, because it has not been changed.
 Refer to the previous manual(s).

Main circuit	Circuit classifications	Previous manual: Pub. No. PHDE9802 (Basic)	This manual: Pub. No. PHDE9802-B (Supplement)
JUNCTION BLOCK (J/B)	–	I	P
JOINT CONNECTOR (J/C)	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
CENTRALIZED JUNCTION	–	I	P
POWER DISTRIBUTION SYSTEM	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
STARTING SYSTEM	–	I	P
IGNITION SYSTEM	–	I	P
CHARGING SYSTEM	–	I	P
ENGINE CONTROL SYSTEM	4G93-GDI <L.H. drive vehicles>	I	D
	4G93-GDI <R.H. drive vehicles>	I	D
	4G64-GDI <L.H. drive vehicles>	I	R
	4G64-GDI <R.H. drive vehicles>	I	R
COOLING SYSTEM	–	I	R
INVECS-II 4A/T	GDI	I	R
HEADLAMP	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP	SPACE RUNNER <L.H. drive vehicles>	I	P
	SPACE RUNNER <R.H. drive vehicles>	I	P
	SPACE WAGON <L.H. drive vehicles>	I	P
	SPACE WAGON <R.H. drive vehicles>	I	P
FRONT FOG LAMP	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P

OUTLINE OF CHANGES – Table of Circuit Diagrams

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Main circuit	Circuit classifications	Previous manual: Pub. No. PHDE9802 (Basic)	This manual: Pub. No. PHDE9802-B (Supplement)
REAR FOG LAMP	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
ROOM LAMP AND LUGGAGE COMPARTMENT LAMP	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
GLOVE BOX LAMP	–	I	P
DOOR LAMP	SPACE RUNNER	I	P
	SPACE WAGON <L.H. drive vehicles>	I	P
	SPACE WAGON <R.H. drive vehicles>	I	P
HEADLAMP LEVELING SYSTEM	SPACE RUNNER	I	P
	SPACE WAGON	I	P
TURN-SIGNAL LAMP AND HAZARD WARNING LAMP	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
STOP LAMP	SPACE RUNNER	I	P
	SPACE WAGON	I	P
BACK-UP LAMP	SPACE RUNNER	I	P
	SPACE WAGON	I	P
HORN	–	I	P
METER AND GAUGE	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
BRAKE WARNING LAMP	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
OIL PRESSURE WARNING LAMP	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
FUEL WARNING LAMP	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
ENGINE OIL LEVEL WARNING LAMP	SPACE WAGON <L.H. drive vehicles>	I	P
	SPACE WAGON <R.H. drive vehicles>	I	P
POWER WINDOWS	SPACE RUNNER <L.H. drive vehicles>	I	P
	SPACE RUNNER <R.H. drive vehicles>	I	P
	SPACE WAGON <L.H. drive vehicles>	I	P
	SPACE WAGON <R.H. drive vehicles>	I	P

Main circuit	Circuit classifications	Previous manual: Pub. No. PHDE9802 (Basic)	This manual: Pub. No. PHDE9802-B (Supplement)
CENTRAL DOOR LOCKING SYSTEM	L.H. drive vehicles without keyless entry system <SPACE RUNNER>	I	P
	L.H. drive vehicles with keyless entry system <SPACE RUNNER>	I	P
	L.H. drive vehicles without keyless entry system <SPACE WAGON>	I	P
	L.H. drive vehicles with keyless entry system <SPACE WAGON>	I	P
	R.H. drive vehicles without keyless entry system <SPACE RUNNER>	I	P
	R.H. drive vehicles with keyless entry system <SPACE RUNNER>	I	P
	R.H. drive vehicles without keyless entry system <SPACE WAGON>	I	P
	R.H. drive vehicles with keyless entry system <SPACE WAGON>	I	P
HEATER	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
AIR CONDITIONER	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
WINDSHIELD WIPER AND WASHER	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
REAR WIPER AND WASHER	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
DEFOGGER AND DOOR MIRROR HEATER	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
REMOTE CONTROLLED MIRROR	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
HEADLAMP WASHER	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
MULTI CENTER DISPLAY	L.H. drive vehicles without navigation system	I	P
	L.H. drive vehicles with navigation system	I	P
	R.H. drive vehicles without navigation system	I	P
	R.H. drive vehicles with navigation system	I	P
CIGARETTE LIGHTER	–	I	P

Main circuit	Circuit classifications	Previous manual: Pub. No. PHDE9802 (Basic)	This manual: Pub. No. PHDE9802-B (Supplement)
ACCESSORY SOCKET	–	I	P
ANTI-SKID BRAKING SYSTEM (ABS)	–	I	R
SUPPLEMENTAL RESTRAINT SYSTEM (SRS)	Vehicles without side air bag	I	P
	L.H. drive vehicles with side air bag	I	P
	R.H. drive vehicles with side air bag	I	P
IMMOBILIZER SYSTEM	4G93-GDI	I	D
	GDI	I	R
SUNROOF	–	I	P
RHEOSTAT	–	I	P
HEATED SEAT	–	I	P
LIGHTING MONITOR BUZZER	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
IGNITION KEY REMINDER BUZZER	–	I	P

WIRING HARNESS CONFIGURATION DIAGRAMS

CONTENTS

ENGINE COMPARTMENT

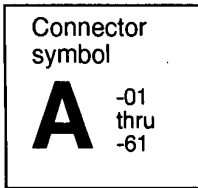
SPACE WAGON <4G64-GDI (L.H. drive vehicles)>	2-2
SPACE WAGON <4G64-GDI (R.H. drive vehicles)>	2-6

DASH PANEL

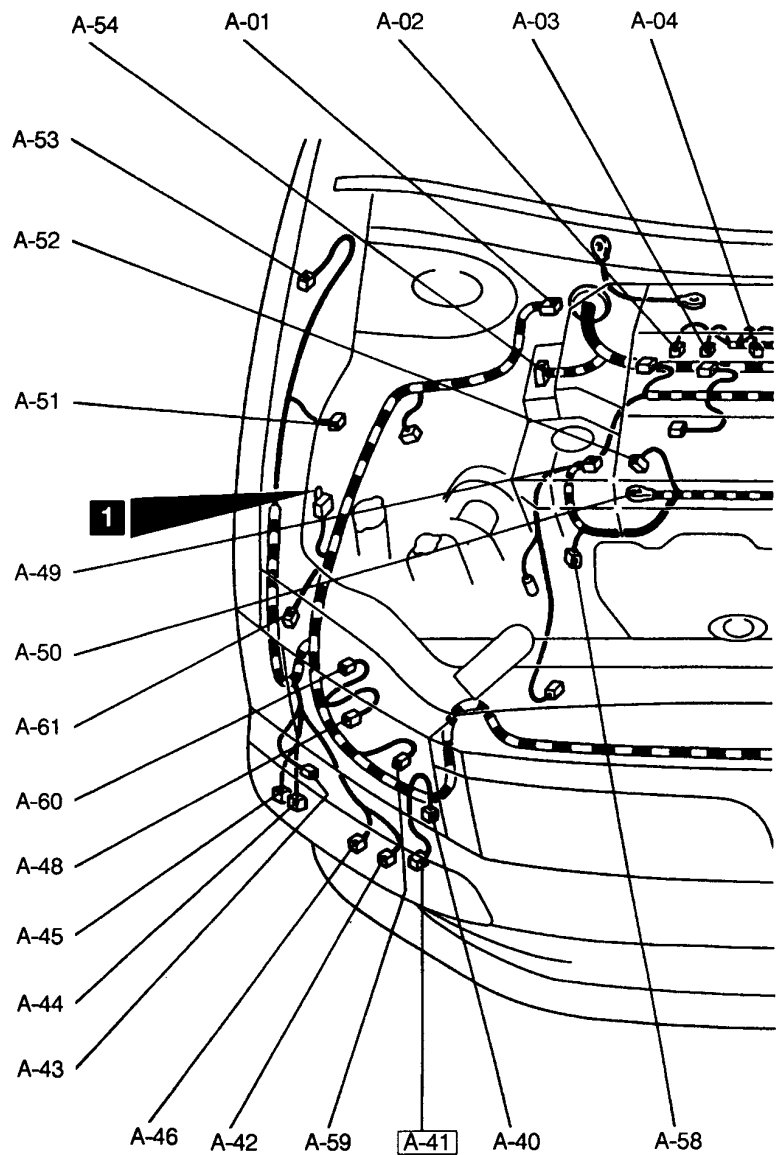
L.H. drive vehicles	2-10
R.H. drive vehicles	2-16

ENGINE COMPARTMENT

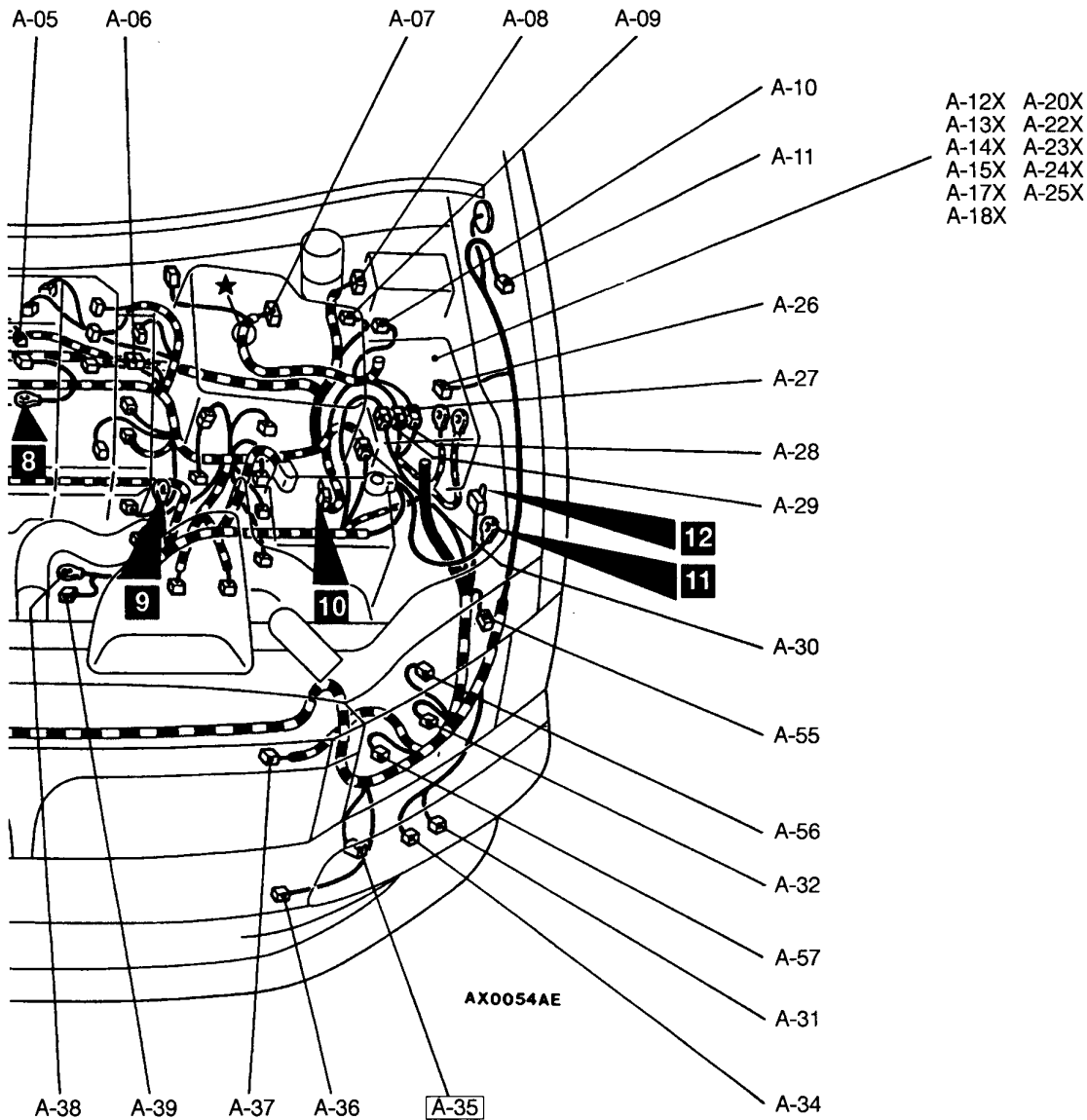
SPACE WAGON <4G64-GDI (L.H. drive vehicles)>



- Connector color code
- B: Black
 - Y: Yellow
 - L: Blue
 - G: Green
 - R: Red
 - BR: Brown
 - V: Violet
 - O: Orange
 - GR: Gray
 - None: Milk white



A-01 (5-GR)	Windshield wiper motor	A-17X (5)	A/C compressor relay
A-02 (2-GR)	Injector 1	A-18X (3)	Inspection connector
A-03 (2-GR)	Injector 2	A-20X (4)	Fan control relay
A-04 (2-GR)	Injector 3	A-22X (5)	Horn relay
A-05 (2-GR)	Injector 4	A-23X (5)	Front fog lamp relay
A-06 (8-B)	Control wiring harness and injector wiring harness combination	A-24X (11)	Front-ECU
A-07 (7-B)	Air flow sensor	A-25X (11)	Front-ECU
A-08 (26-B)	Injector driver	A-26 (2-B)	Wheel speed sensor (Front: LH) <ABS>
A-09 (3-B)	Brake vacuum sensor	A-27 (8-B)	Front wiring harness and control wiring harness combination
A-10 (2-GR)	Brake fluid level switch	A-28 (17-GR)	Front wiring harness and control wiring harness combination
A-11 (2-GR)	Side turn signal lamp (LH)	A-29 (4-B)	Front wiring harness and battery wiring harness combination
A-12X (4)	A/T control relay	A-30 (5-B)	Battery wiring harness and control wiring harness combination
A-13X (4)	Injector driver control relay		
A-14X (4)	Engine control relay		
A-15X (4)	Fuel pump relay		

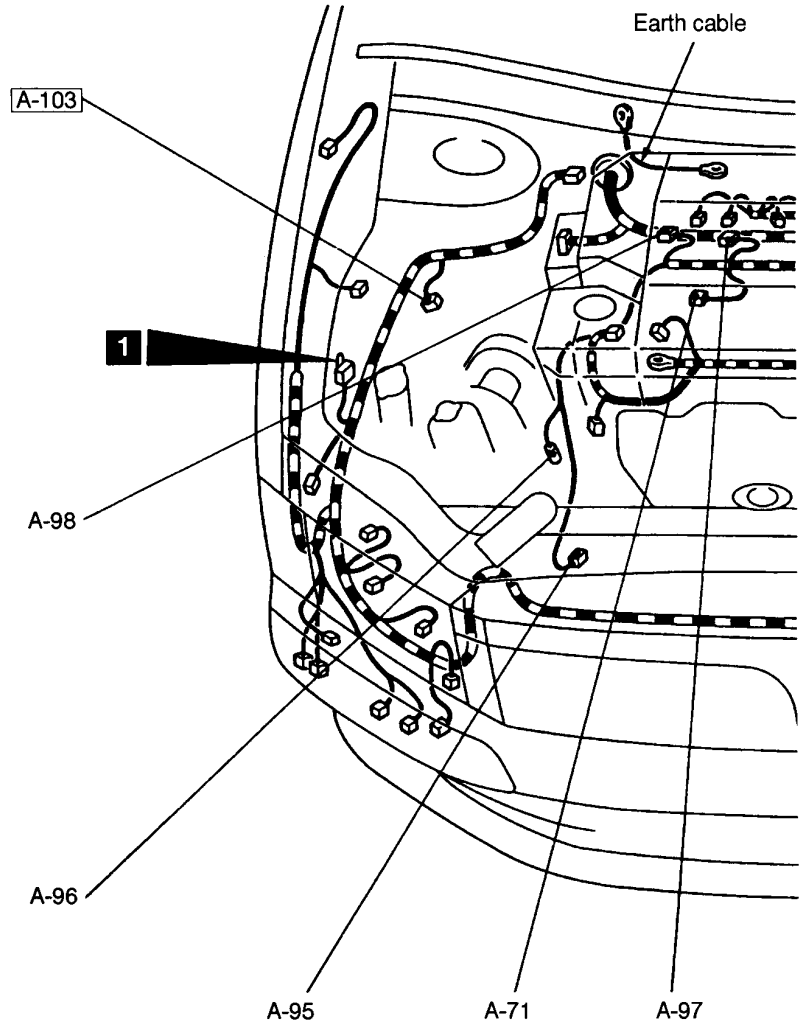
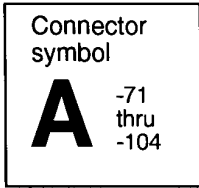


- A-31 (2-B) Front turn signal lamp (LH)
- A-32 (3-B) Headlamp (LH)
- A-34 (2-GR) Front fog lamp (LH)
- A-35(1-B) Horn (HI)
- A-36 (2-B) Outside thermo sensor
- A-37 (3-GR) Fan controller
- A-38 (1) Starter
- A-39 (1-B) Starter
- A-40 (2-GR) Dual pressure switch <A/C>
- A-41(1-B) Horn (LO)
- A-42 (2-GR) Front fog lamp (RH)
- A-43 (2-B) Headlamp washer motor
- A-44 (2-B) Rear washer motor
- A-45 (2) Windshield washer motor
- A-46 (2-B) Front turn signal lamp (RH)
- A-48 (3-B) Headlamp (RH)
- A-49 (1-B) Oil pressure switch

- A-50 (1) Alternator
- A-51 (2-B) Wheel speed sensor (Front:RH) <ABS>
- A-52 (4-GR) Alternator
- A-53 (2-GR) Side turn signal lamp (RH)
- A-54 (25-B) ABS-ECU
- A-55 (2-GR) Position lamp 1 (LH)
- A-56 (3-GR) Headlamp leveling unit (LH)
- A-57 (2-B) Position lamp 2 (LH)
- A-58 (2-B) Engine oil level sensor
- A-59 (2-B) Position lamp 2 (RH)
- A-60 (3-GR) Headlamp leveling unit (RH)
- A-61 (2-GR) Position lamp 1 (RH)

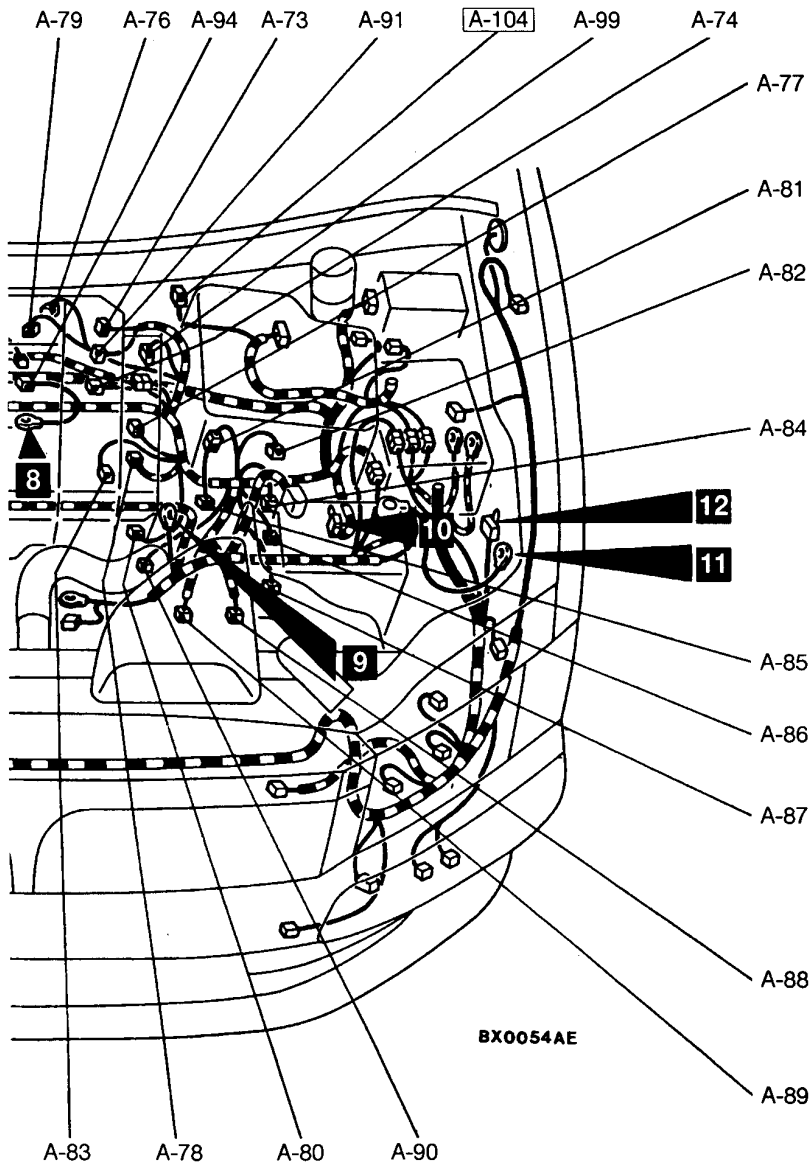
NOTE
 Connector numbers in are connector numbers which have been changed.

SPACE WAGON <4G64-GDI (L.H. drive vehicles)>



- Connector color code
- B: Black
 - Y: Yellow
 - L: Blue
 - G: Green
 - R: Red
 - BR: Brown
 - V: Violet
 - O: Orange
 - GR: Gray
 - None: Milk white

A-71 (3-B)	Crank angle sensor	A-80 (2-B)	Engine coolant temperature sensor
A-73 (4-B)	Throttle position sensor	A-81 (3-B)	Control wiring harness and vehicle speed sensor wiring harness combination <A/T>
A-74 (3-GR)	Ignition coil 4	A-82 (3-GR)	Output shaft speed sensor <A/T>
A-76 (2-B)	Purge control solenoid valve	A-83 (1-B)	Engine coolant temperature gauge unit
A-77 (3-B)	Fuel pressure sensor	A-84 (2-B)	Brack-up lamp switch <M/T>
A-78 (3-B)	Camshaft position sensor		
A-79 (2-GR)	Detonation sensor		



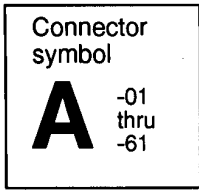
- A-85 (3) Vehicle speed sensor <A/T>
- A-86 (3-B) Vehicle speed sensor <M/T>
- A-87 (2-GR) M/T oil temperature sensor
- A-88 (10-GR) A/T control solenoid valve assembly
- A-89 (10-B) Inhibitor switch <A/T>
- A-90 (3-B) Input shaft speed sensor <A/T>
- A-91 (6-GR) EGR servo
- A-94 (3-GR) Ignition coil 3
- A-95 (1-BR) A/C compressor magnetic clutch
- A-96 (1) Power steering oil pressure switch

- A-97 (3-GR) Ignition coil 2
- A-98 (3-GR) Ignition coil 1
- A-99 (4-GR) Throttle control servo
- A-103 (8-GR) Accelerator pedal position sensor
- A-104 (5-B) Brake warning lamp relay <ABS with EBD>

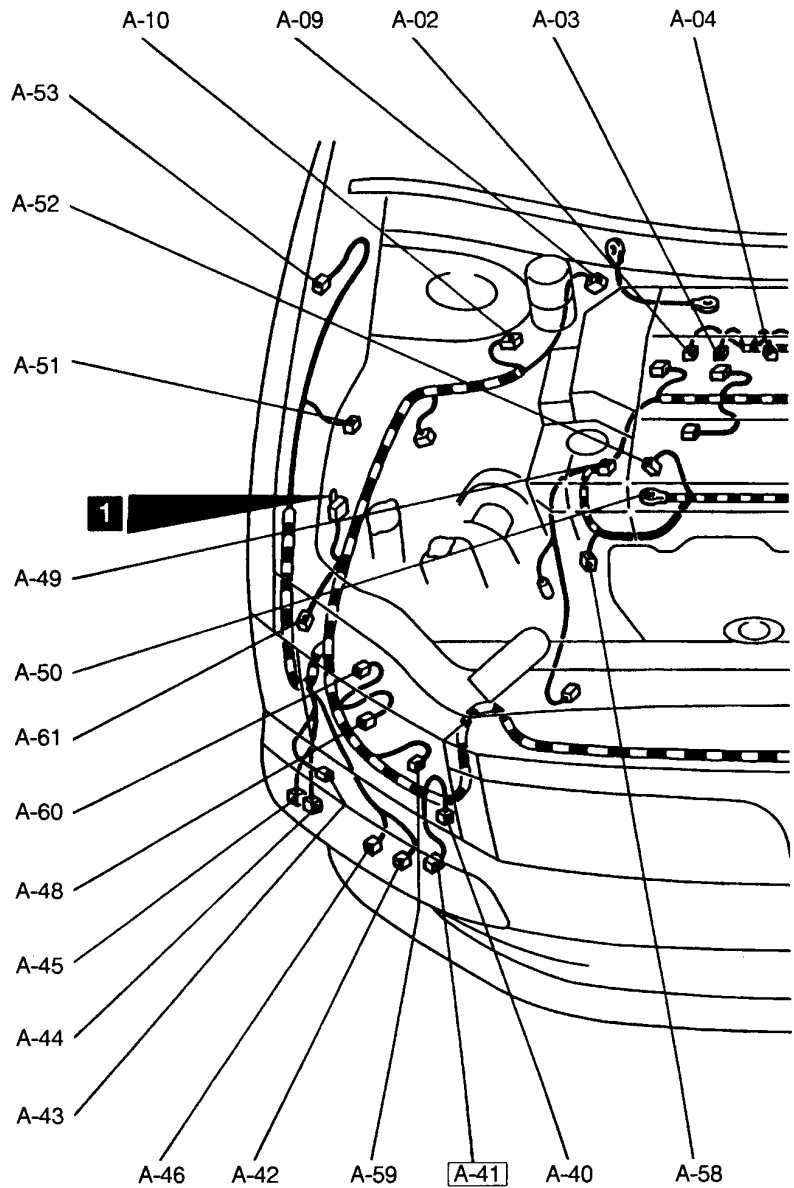
NOTE
 Connector numbers in are connector numbers which have been added.

ENGINE COMPARTMENT

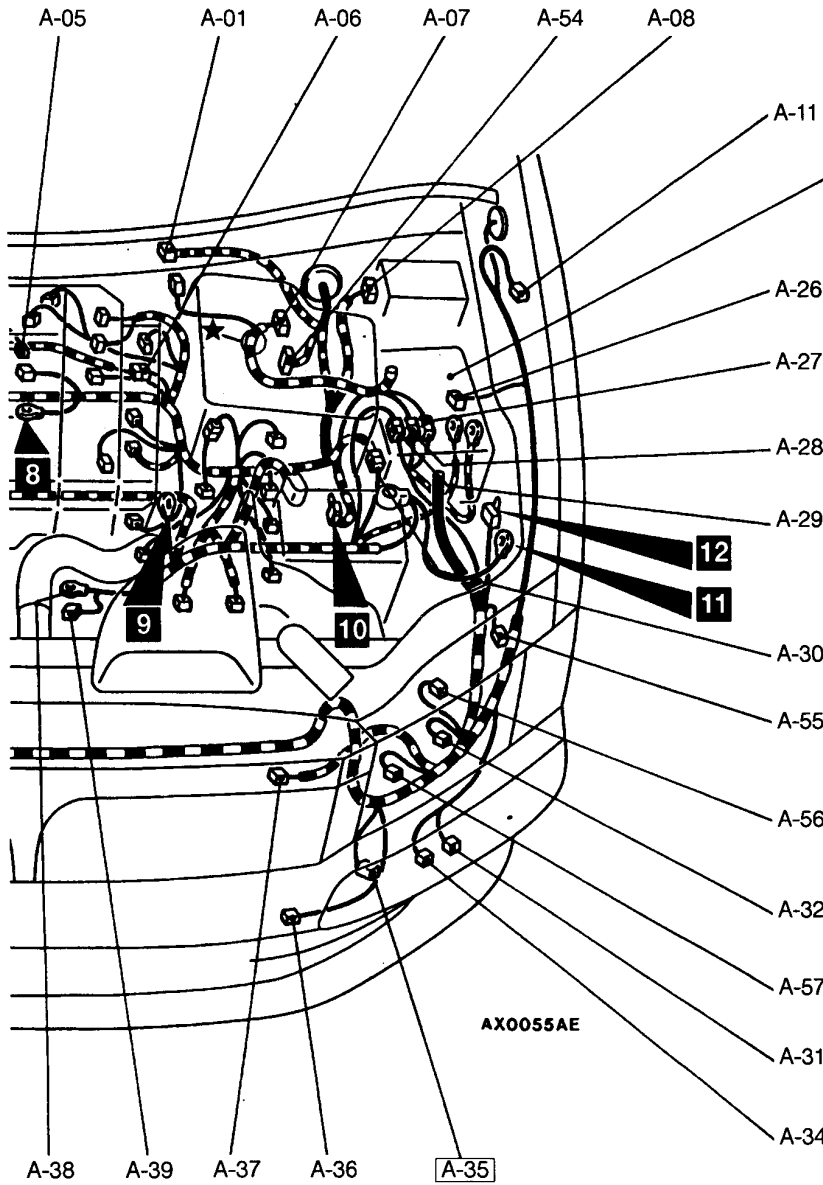
SPACE WAGON <4G64-GDI (R.H. drive vehicles)>



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 - O: Orange
 - GR: Gray
 - None: Milk white



- | | | | |
|-------------|--|--------------|---|
| A-01 (5-GR) | Windshield wiper motor | A-18X (3) | Inspection connector |
| A-02 (2-GR) | Injector 1 | A-20X (4) | Fan control relay |
| A-03 (2-GR) | Injector 2 | A-22X (5) | Horn relay |
| A-04 (2-GR) | Injector 3 | A-23X (5) | Front fog lamp relay |
| A-05 (2-GR) | Injector 4 | A-24X (11) | Front-ECU |
| A-06 (8-B) | Control wiring harness and injector wiring harness combination | A-25X (11) | Front-ECU |
| A-07 (7-B) | Air flow sensor | A-26 (2-B) | Wheel speed sensor (Front: LH) <ABS> |
| A-08 (26-B) | Injector driver | A-27 (8-B) | Front wiring harness and control wiring harness combination |
| A-09 (3-B) | Brake vacuum sensor | A-28 (17-GR) | Front wiring harness and control wiring harness combination |
| A-10 (2-GR) | Brake fluid level switch | A-29 (4-B) | Front wiring harness and battery wiring harness combination |
| A-11 (2-GR) | Side turn signal lamp (LH) | A-30 (5-B) | Battery wiring harness and control wiring harness combination |
| A-12X (4) | A/T control relay | A-31 (2-B) | Front turn signal lamp (LH) |
| A-13X (4) | Injector driver control relay | | |
| A-14X (4) | Engine control relay | | |
| A-15X (4) | Fuel pump relay | | |
| A-17X (5) | A/C compressor relay | | |



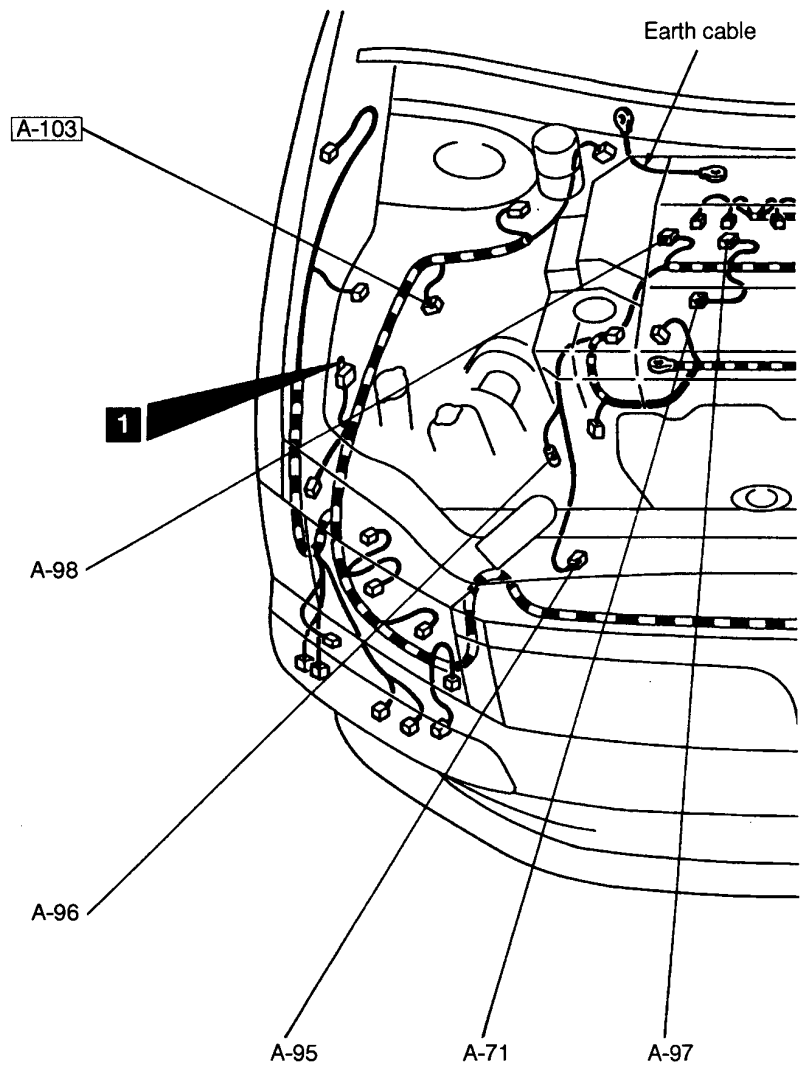
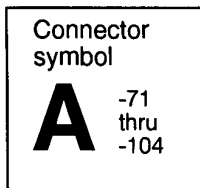
A-12X A-20X
 A-13X A-22X
 A-14X A-23X
 A-15X A-24X
 A-17X A-25X
 A-18X

- A-32 (3-B) Headlamp (LH)
- A-34 (2-GR) Front fog lamp (LH)
- A-35 (1-B) Horn (HI)
- A-36 (2-B) Outside thermo sensor
- A-37 (3-GR) Fan controller
- A-38 (1) Starter
- A-39 (1-B) Starter
- A-40 (2-GR) Dual pressure switch <A/C>
- A-41 (1-B) Horn (LO)
- A-42 (2-GR) Front fog lamp (RH)
- A-43 (2-B) Headlamp washer motor
- A-44 (2-B) Rear washer moter
- A-45 (2) Windshield washer motor
- A-46 (2-B) Front turn signal lamp (RH)
- A-48 (3-B) Headlamp (RH)
- A-49 (1-B) Oil pressure switch

- A-50 (1) Alternator
- A-51 (2-B) Wheel speed sensor (Front: RH) <ABS>
- A-52 (4-GR) Alternator
- A-53 (2-GR) Side turn signal lamp (RH)
- A-54 (25-B) ABS-ECU
- A-55 (2-GR) Position lamp 1 (LH)
- A-56 (3-GR) Headlamp leveling unit (LH)
- A-57 (2-B) Position lamp 2 (LH)
- A-58 (2-B) Engine oil level sensor
- A-59 (2-B) Position lamp 2 (RH)
- A-60 (3-GR) Headlamp leveling unit (RH)
- A-61 (2-GR) Position lamp 1 (RH)

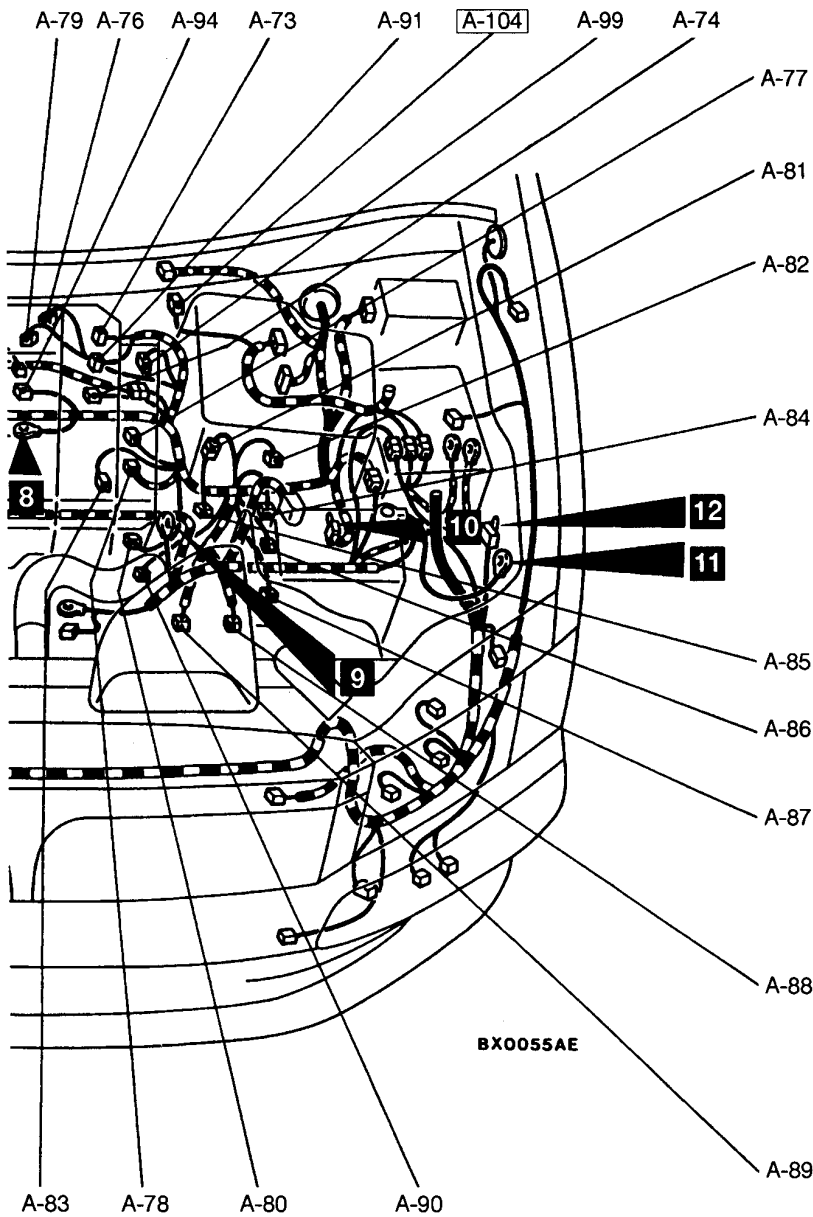
NOTE
 Connector numbers in are connector numbers which have been changed.

SPACE WAGON <4G64-GDI (R.H. drive vehicles)>



- Connector color code
- B: Black
 - Y: Yellow
 - L: Blue
 - G: Green
 - R: Red
 - BR: Brown
 - V: Violet
 - O: Orange
 - GR: Gray
 - None: Milk white

A-71 (3-B)	Crank angle sensor	A-80 (2-B)	Engine coolant temperature sensor
A-73 (4-B)	Throttle position sensor	A-81 (3-B)	Control wiring harness and vehicle speed sensor wiring harness combination <A/T>
A-74 (3-GR)	Ignition coil 4	A-82 (3-GR)	Output shaft speed sensor <A/T>
A-76 (2-B)	Purge control solenoid valve	A-83 (1-B)	Engine coolant temperature gauge unit
A-77 (3-B)	Fuel pressure sensor	A-84 (2-B)	Back-up lamp switch <M/T>
A-78 (3-B)	Camshaft position sensor		
A-79 (2-GR)	Detonation sensor		



- A-85 (3) Vehicle speed sensor <A/T>
- A-86 (3-B) Vehicle speed sensor <M/T>
- A-87 (2-GR) M/T oil temperature sensor
- A-88 (10-GR) A/T control solenoid valve assembly
- A-89 (10-B) Inhibitor switch <A/T>
- A-90 (3-B) Input shaft speed sensor <A/T>
- A-91 (6-GR) EGR servo
- A-94 (3-GR) Ignition coil 3
- A-95 (1-BR) A/C compressor magnetic clutch
- A-96 (1) Power steering oil pressure switch

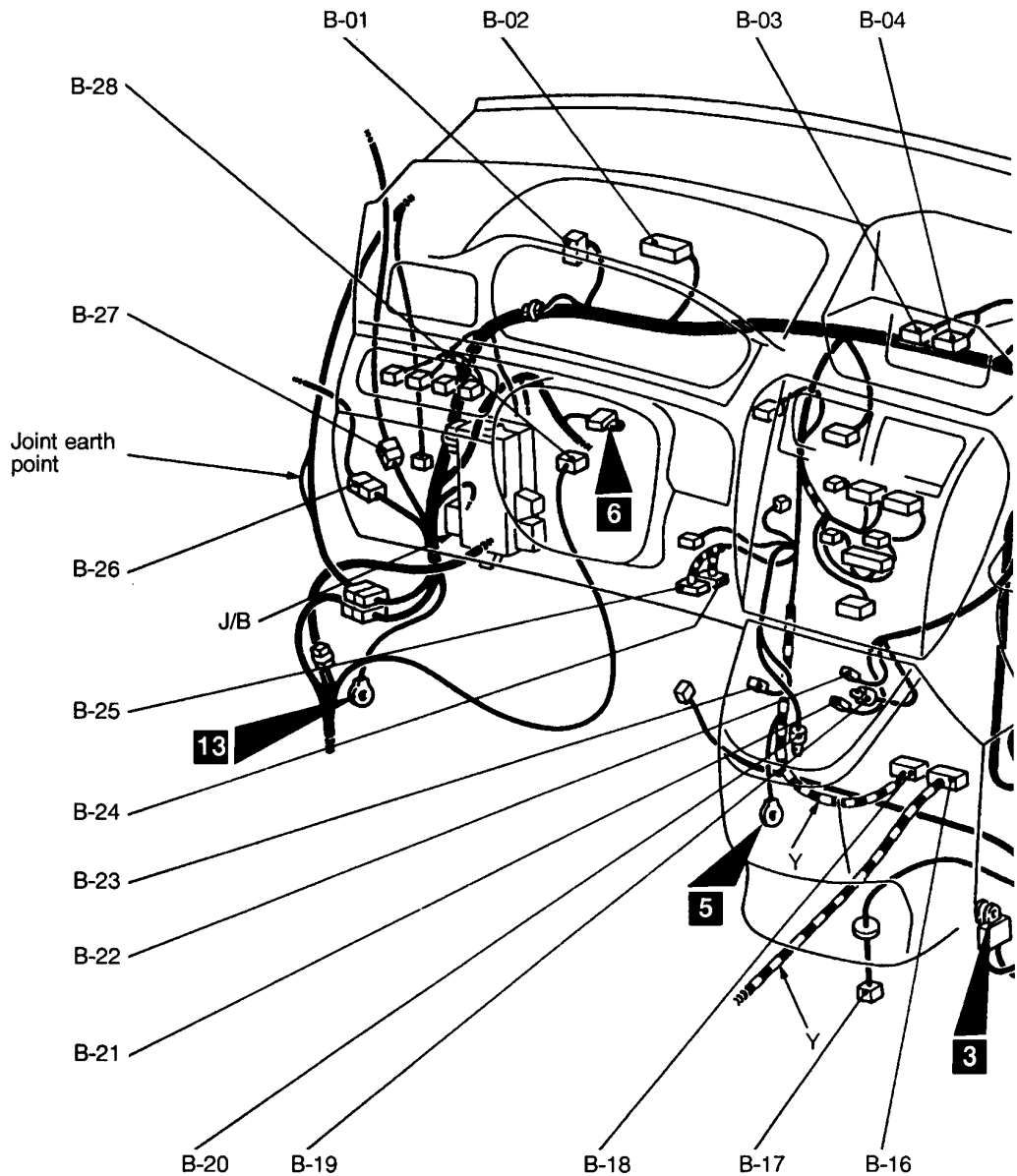
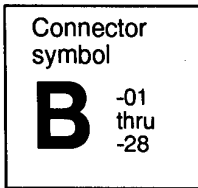
- A-97 (3-GR) Ignition 2
- A-98 (3-GR) Ignition 1
- A-99 (4-GR) Throttle control servo
- A-103 (8-GR) Accelerator pedal position sensor
- A-104 (5-B) Brake warning lamp relay <ABS with EBD>

NOTE

Connector numbers in are connector numbers which have been added.

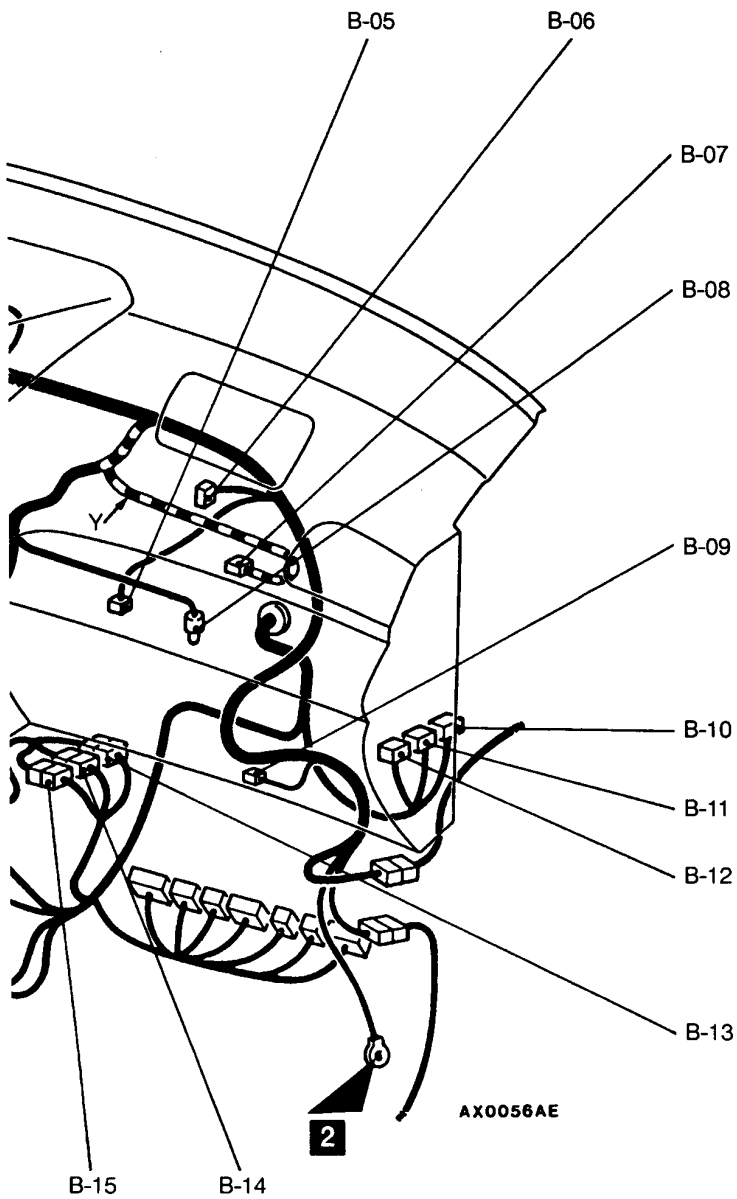
DASH PANEL

L.H. drive vehicles



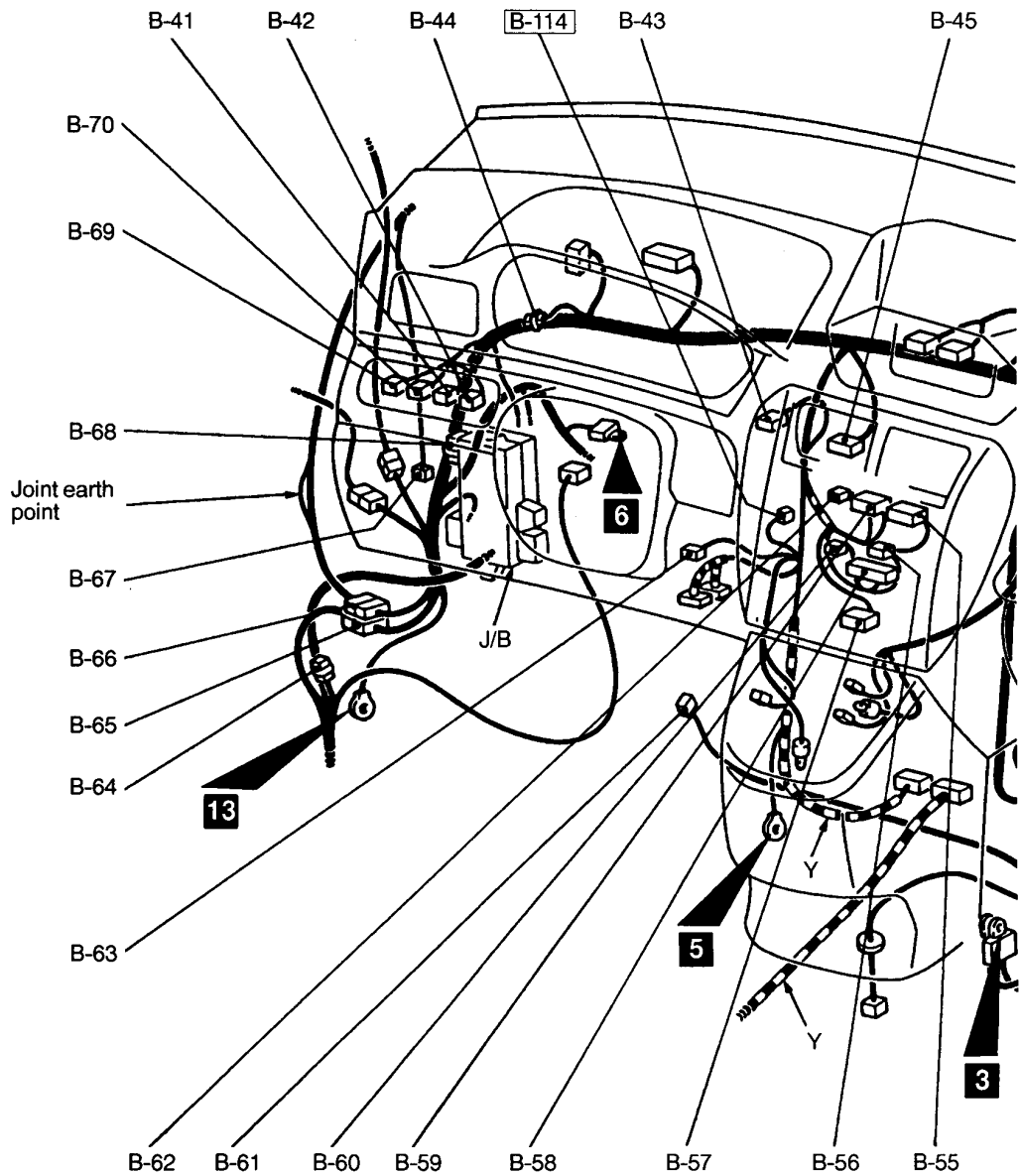
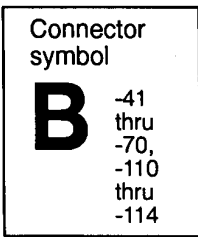
Connector color code
 B: Black
 Y: Yellow
 L: Blue
 G: Green
 R: Red
 BR: Brown
 V: Violet
 O: Orange
 GR: Gray
 None: Milk white

- | | | | |
|-------------|---|-------------|--|
| B-01 (17) | Combination meter | B-08 (2) | Glove box lamp |
| B-02 (25) | Combination meter | B-09 (2) | Blower motor |
| B-03 (16-B) | Multi center display unit | B-10 (22-L) | A/T-ECU <GDI> |
| B-04 (20-B) | Multi center display unit | B-11 (16-L) | A/T-ECU <GDI> |
| B-05 (4) | Blower resistor | B-12 (26-L) | A/T-ECU <GDI> |
| B-06 (7) | Outside/Inside air selection damper control motor | B-13 (4) | Instrument panel wiring harness and control wiring harness combination |
| B-07 (2-R) | Air bag module (squib) (Passenger's side) | B-14 (32) | Instrument panel wiring harness and control wiring harness combination |



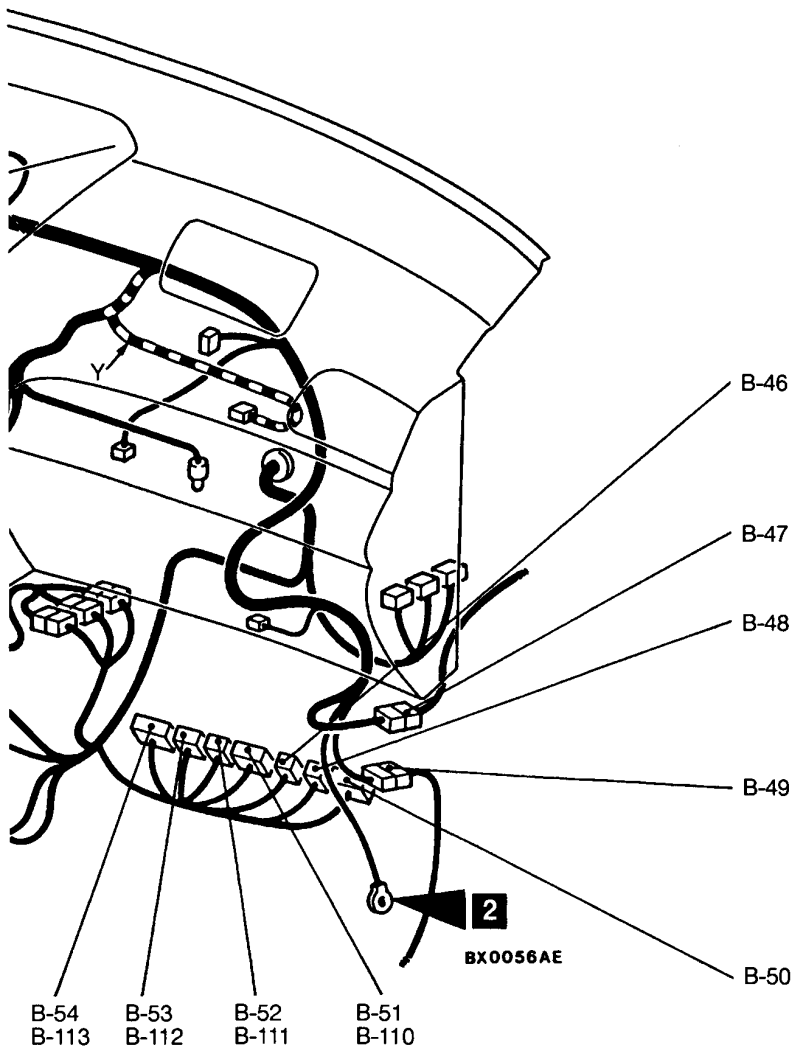
- | | | | |
|-------------|--|-------------|---|
| B-15 (19) | Instrument panel wiring harness and control wiring harness combination <ABS> | B-23 (2) | Shift switch illumination lamp <A/T> |
| B-16 (22-Y) | SRS-ECU | B-24 (12) | Diagnosis connector |
| B-17 (4-B) | Oxygen sensor (Front) | B-25 (16-B) | Diagnosis connector |
| B-18 (16-Y) | SRS-ECU | B-26 (32) | Instrument panel wiring harness and front door wiring harness (Driver's side) combination |
| B-19 (2) | Cigarette lighter illumination lamp | B-27 (7) | Instrument panel wiring harness and roof wiring harness combination |
| B-20 (2) | Ashtray illumination lamp | B-28 (4) | Stop lamp switch |
| B-21 (1) | Cigarette lighter | | |
| B-22 (1-B) | Cigarette lighter | | |

L.H. drive vehicles



- Connector color code
- B: Black
 - Y: Yellow
 - L: Blue
 - G: Green
 - R: Red
 - BR: Brown
 - V: Violet
 - O: Orange
 - GR: Gray
 - None: Milk white

- | | | | |
|-------------|--|--------------|----------------------------------|
| B-41 (6-L) | Rheostat | B-50 (26-GR) | Throttle valve controller <GDI> |
| B-42 (6-GR) | Headlamp leveling switch | B-51 (22-Y) | Engine-ECU <GDI, MPI-M/T> |
| B-43 (4) | Hazard warning switch | B-52 (12-Y) | Engine-ECU <GDI, MPI-M/T> |
| B-44 (33) | J/C (2) | B-53 (16-Y) | Engine-ECU <GDI, MPI-M/T> |
| B-45 (5) | Automatic compressor-ECU <A/C> | B-54 (26-Y) | Engine-ECU <GDI, MPI-M/T> |
| B-46 (6) | Engine oil level relay | B-55 (16) | Radio and tape player |
| B-47 (32) | Instrument panel wiring harness and front door wiring harness (Passenger's side) combination | B-56 (6) | Blower switch |
| B-48 (4) | Throttle control servo relay <GDI> | B-57 (12-B) | Navigation unit or no connection |
| B-49 (43) | Instrument panel wiring harness and assist wiring harness combination | B-58 (12) | Blower switch or A/C switch |

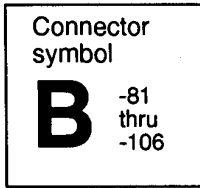


- B-59 (14) Radio and tape player
- B-60 (2) Blower control panel illumination lamp
- B-61 (2-B) Wide open throttle switch <A/T>
- B-62 (1-B) Radio and tape player
- B-63 (9) Heated seat switch
- B-64 (2-B) Diode (for room lamp circuit)
- B-65 (43) Instrument panel wiring harness and floor wiring harness combination
- B-66 (38) Instrument panel wiring harness and front wiring harness combination
- B-67 (4) Clutch switch <GDI-M/T>
- B-68 (33) J/C (1)

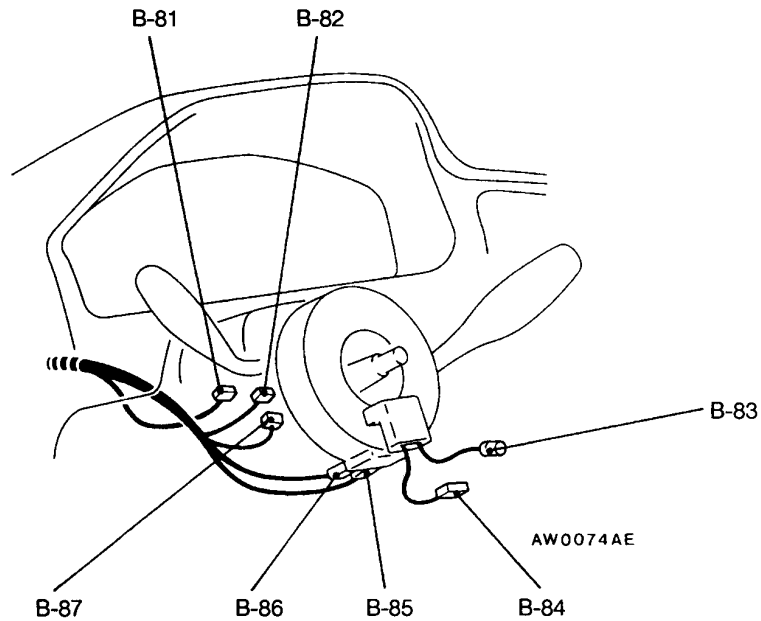
- B-69 (11) Remote controlled mirror switch
- B-70 (6) Fog lamp switch
- B-110 (30-GR) Engine-A/T-ECU <MPI-A/T>
- B-111 (28-GR) Engine-A/T-ECU <MPI-A/T>
- B-112 (26-GR) Engine-A/T-ECU <MPI-A/T>
- B-113 (35-GR) Engine-A/T-ECU <MPI-A/T>
- B-114 (8-B) GDI ECO indication lamp-ECU

NOTE
Connector numbers in are connector numbers which have been added.

L.H. drive vehicles



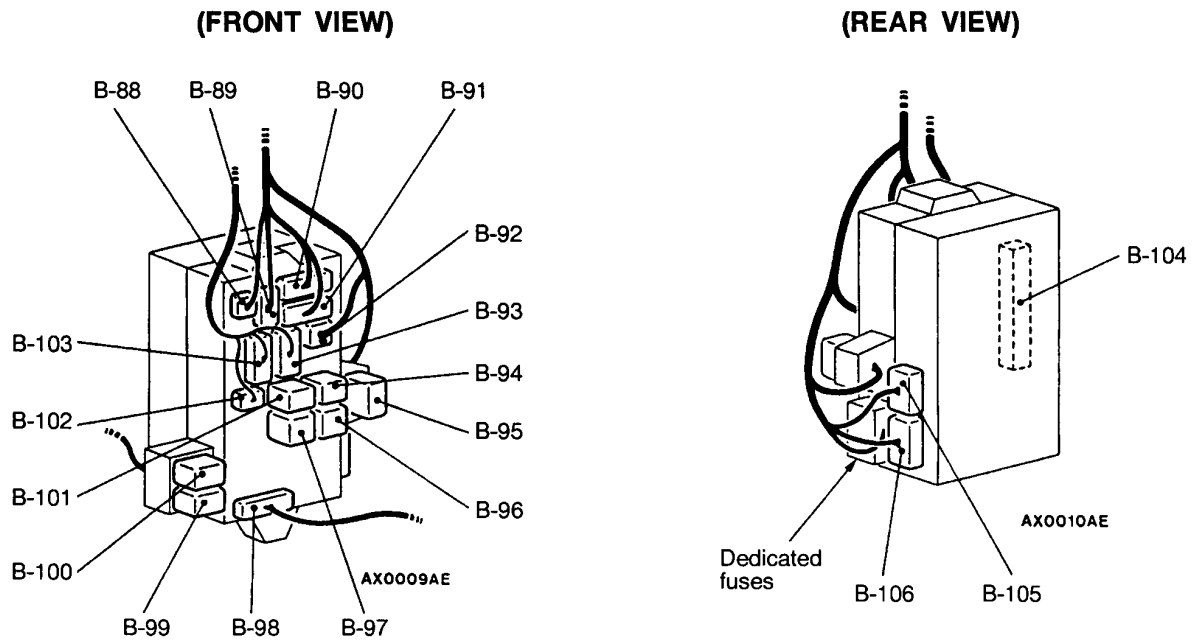
STEERING COLUMN



Connector color code
 B: Black
 Y: Yellow
 L: Blue
 G: Green
 R: Red
 BR: Brown
 V: Violet
 O: Orange
 GR: Gray
 None: Milk white

B-81 (6)	Ignition switch	B-85 (2-Y)	Clock spring
B-82 (7)	Key reminder switch	B-86 (4)	Clock spring
B-83 (1)	Horn switch	B-87 (10)	Column switch
B-84 (2)	Air bag module (squib) (Driver's side)		

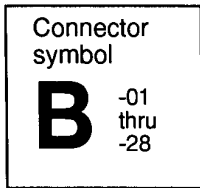
JUNCTION BLOCK



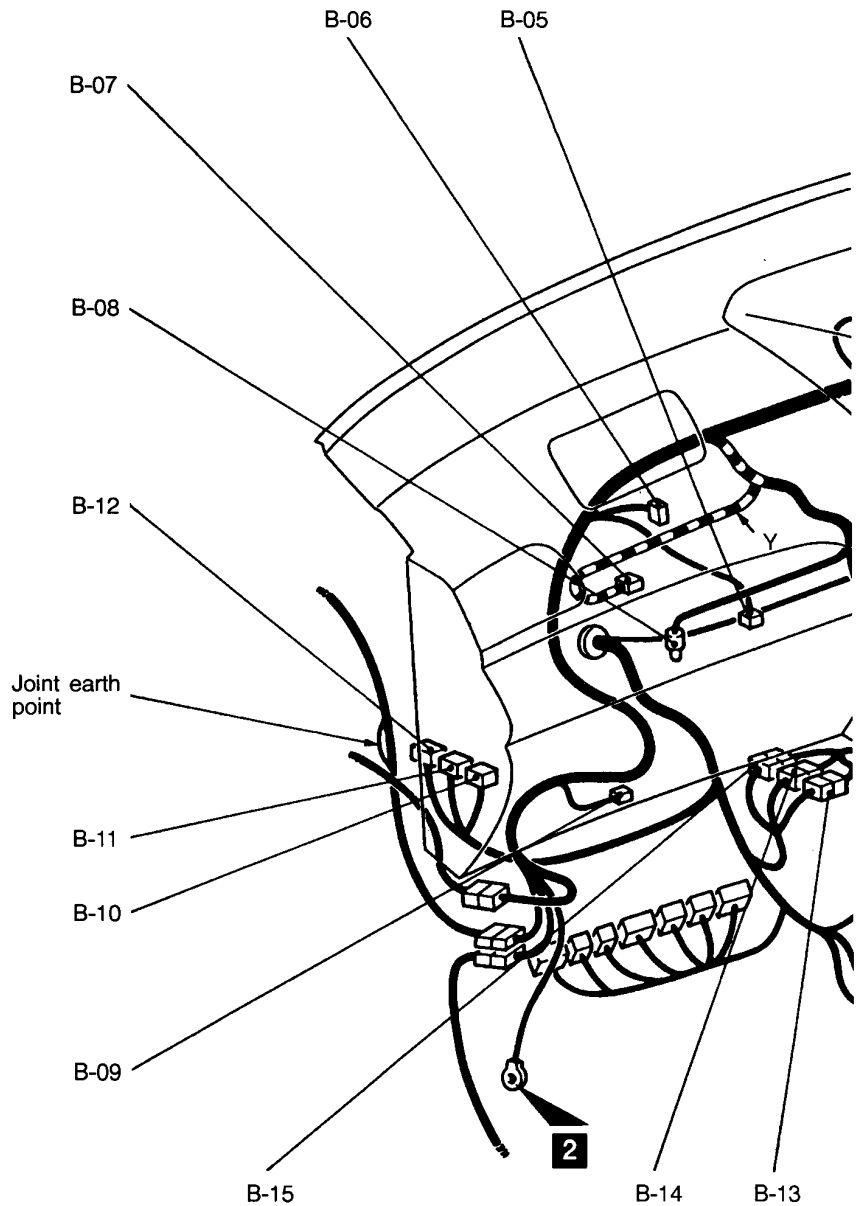
B-88 (4)	Instrument panel wiring harness and J/B combination	B-96 (5)	Defogger relay
B-89 (6)	Instrument panel wiring harness and J/B combination	B-97 (5)	Blower relay
B-90 (13)	Instrument panel wiring harness and J/B combination	B-98 (15)	Floor wiring harness and J/B combination
B-91 (13)	Instrument panel wiring harness and J/B combination	B-99 (5)	ABS warning lamp relay
B-92 (1-B)	Instrument panel wiring harness and J/B combination	B-100 (5)	Accessory socket relay
B-93 (11)	Instrument panel wiring harness and J/B combination	B-101 (5)	Power window relay
B-94 (4)	Alternator relay	B-102 (10)	Instrument panel wiring harness and J/B combination
B-95 (5)	Rear fog lamp relay	B-103 (8)	Instrument panel wiring harness and J/B combination
		B-104 (20)	ETACS-ECU
		B-105 (16-B)	ETACS-ECU
		B-106 (20-B)	ETACS-ECU

DASH PANEL

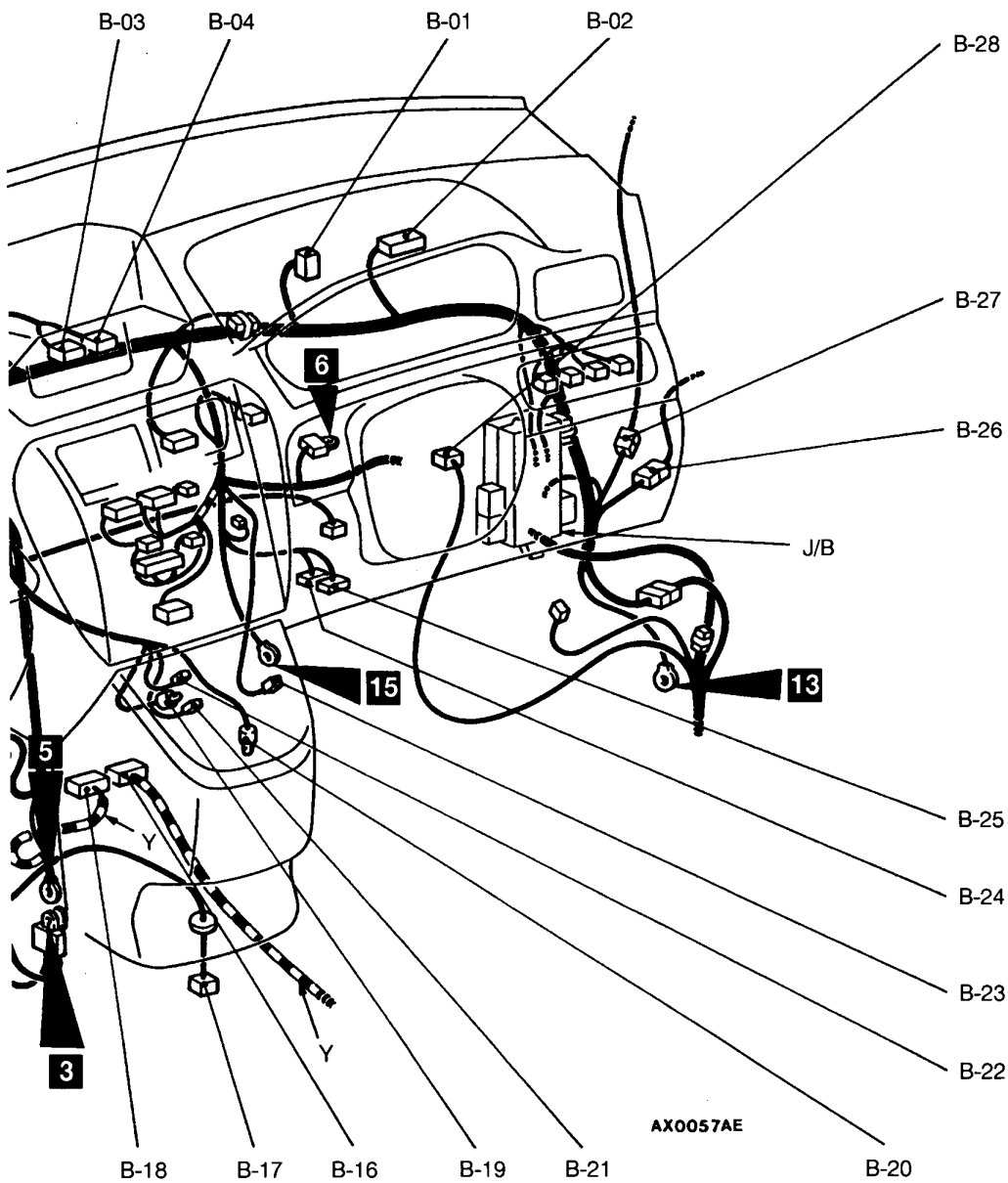
R.H. drive vehicles



- Connector color code
- B: Black
 - Y: Yellow
 - L: Blue
 - G: Green
 - R: Red
 - BR: Brown
 - V: Violet
 - O: Orange
 - GR: Gray
 - None: Milk white



B-01 (17)	Combination meter	B-08 (2)	Glove box lamp
B-02 (25)	Combination meter	B-09 (2)	Blower motor
B-03 (16-B)	Multi center display unit	B-10 (22-L)	A/T-ECU <GDI>
B-04 (20-B)	Multi center display unit	B-11 (16-L)	A/T-ECU <GDI>
B-05 (4)	Blower resistor	B-12 (26-L)	A/T-ECU <GDI>
B-06 (7)	Outside/Inside air selection damper control motor	B-13 (4)	Instrument panel wiring harness and control wiring harness combination
B-07 (2-R)	Air bag module (squib) (Passenger's side)	B-14 (32)	Instrument panel wiring harness and control wiring harness combination

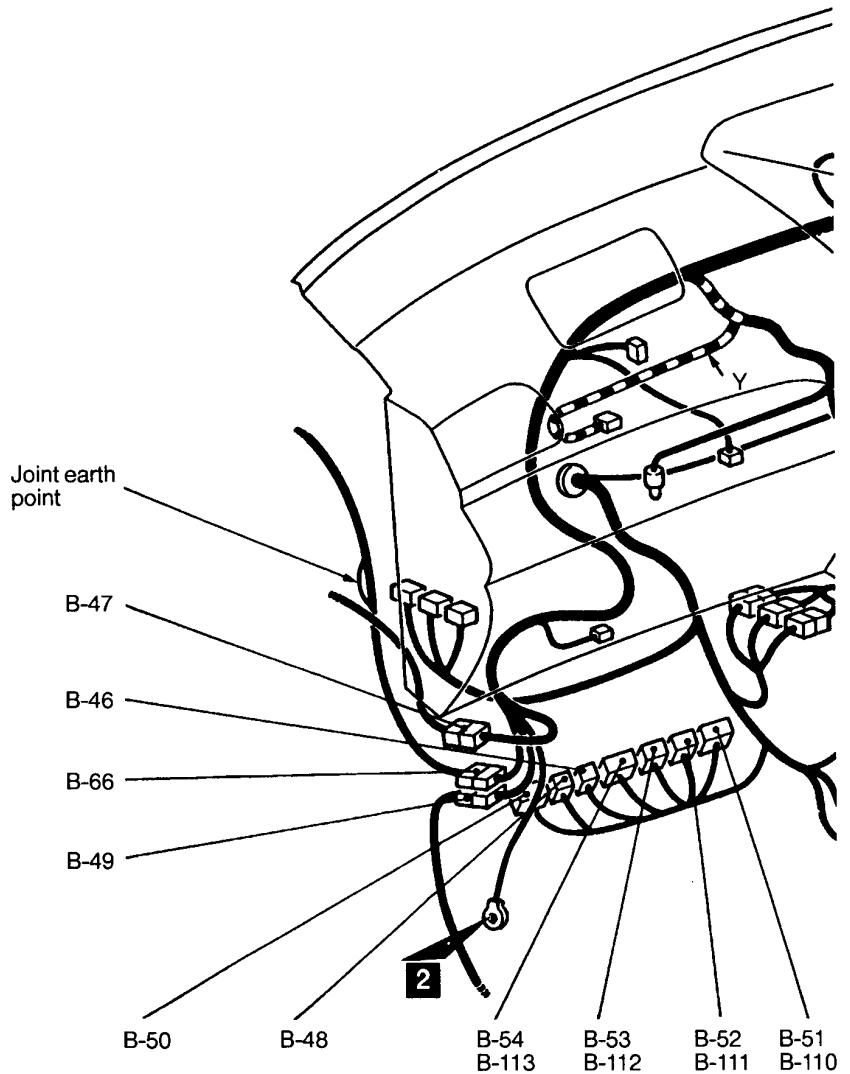


- | | | | |
|-------------|--|-------------|---|
| B-15 (19) | Instrument panel wiring harness and control wiring harness combination <ABS> | B-23 (2) | Shift switch illumination lamp <A/T> |
| B-16 (22-Y) | SRS-ECU | B-24 (12) | Diagnosis connector |
| B-17 (4-B) | Oxygen sensor (Front) | B-25 (16-B) | Diagnosis connector |
| B-18 (16-Y) | SRS-ECU | B-26 (32) | Instrument panel wiring harness and front door wiring harness (Driver's side) combination |
| B-19 (2) | Cigarette lighter illumination lamp | B-27 (7) | Instrument panel wiring harness and roof wiring harness combination |
| B-20 (2) | Ashtray illumination lamp | B-28 (4) | Stop lamp switch |
| B-21 (1) | Cigarette lighter | | |
| B-22 (1-B) | Cigarette lighter | | |

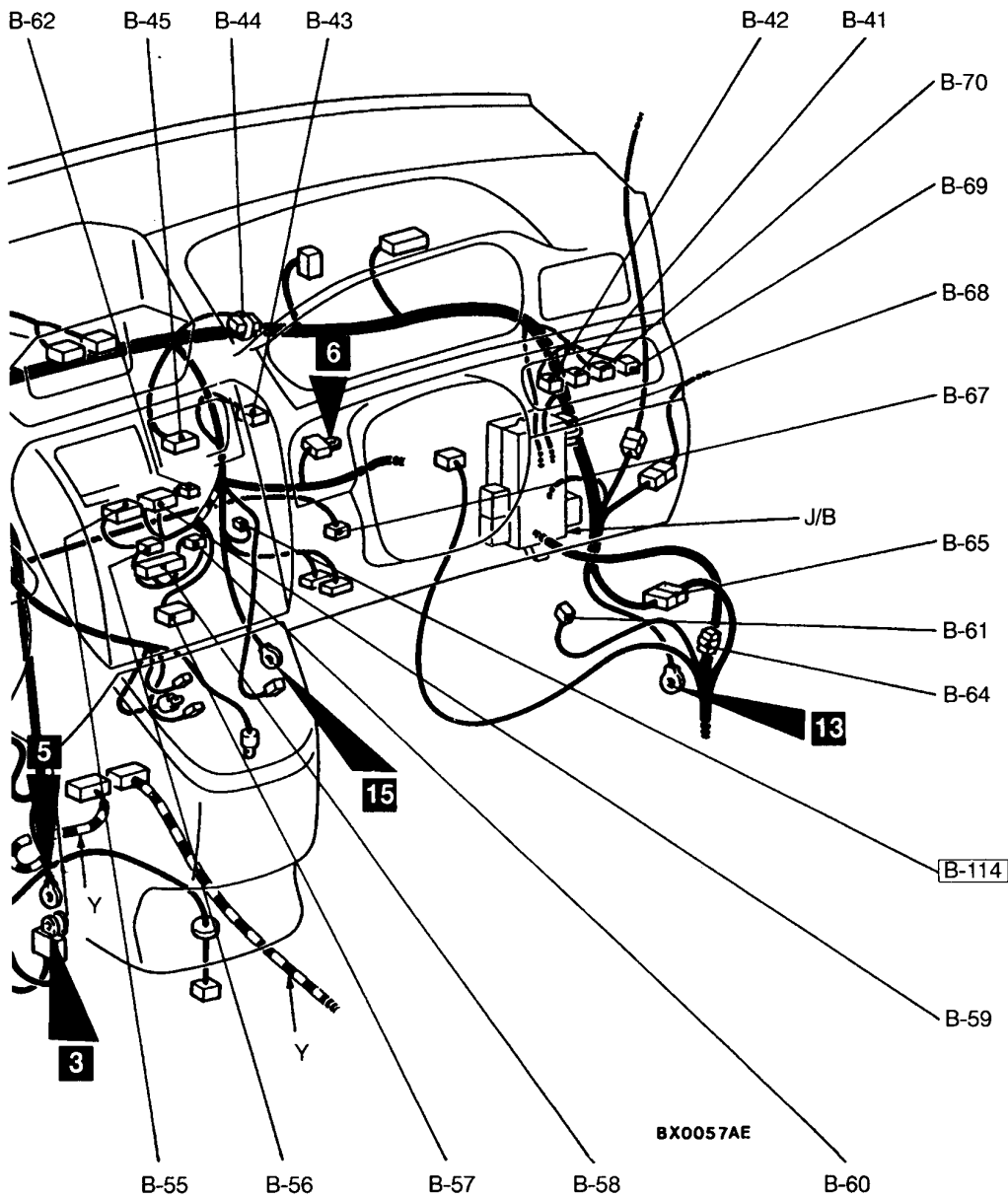
R.H. drive vehicles

Connector symbol
B -41 thru -70, -110 thru -114

Connector color code
 B: Black
 Y: Yellow
 L: Blue
 G: Green
 R: Red
 BR: Brown
 V: Violet
 O: Orange
 GR: Gray
 None: Milk white



B-41 (6-L)	Rheostat	B-49 (43)	Instrument panel wiring harness and assist wiring harness combination
B-42 (6-GR)	Headlamp leveling switch	B-50 (26-GR)	Throttle valve controller <GDI>
B-43 (4)	Hazard warning switch	B-51 (22-Y)	Engine-ECU <GDI, MPI-M/T>
B-44 (33)	J/C (2)	B-52 (12-Y)	Engine-ECU <GDI, MPI-M/T>
B-45 (5)	Automatic compressor-ECU <A/C>	B-53 (16-Y)	Engine-ECU <GDI, MPI-M/T>
B-46 (6)	Engine oil level relay	B-54 (26-Y)	Engine-ECU <GDI, MPI-M/T>
B-47 (32)	Instrument panel wiring harness and front door wiring harness (Passenger's side) combination	B-55 (16)	Radio and tape player
B-48 (4)	Throttle control servo relay <GDI>	B-56 (6)	Blower switch
		B-57 (12-B)	Navigation unit or no connection



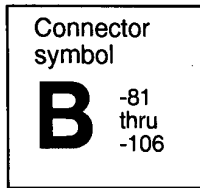
BX0057AE

- B-58 (12) Blower switch or A/C switch
- B-59 (14) Radio and tape player
- B-60 (2) Blower control panel illumination lamp
- B-61 (2-B) Wide open throttle switch <A/T>
- B-62 (1-B) Radio and tape player
- B-64 (2-B) Diode (for room lamp circuit)
- B-65 (43) Instrument panel wiring harness and floor wiring harness combination
- B-66 (38) Instrument panel wiring harness and front wiring harness combination
- B-67 (4) Clutch switch <GDI-M/T>
- B-68 (33) J/C (1)

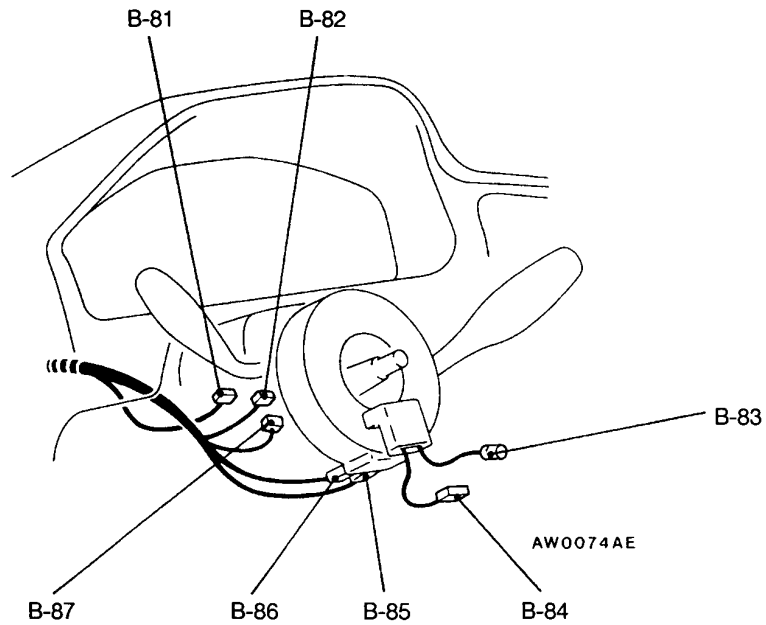
- B-69 (11) Remote controlled mirror switch
- B-70 (6) Fog lamp switch
- B-110 (30-GR) Engine-A/T-ECU <MPI-A/T>
- B-111 (28-GR) Engine-A/T-ECU <MPI-A/T>
- B-112 (26-GR) Engine-A/T-ECU <MPI-A/T>
- B-113 (35-GR) Engine-A/T-ECU <MPI-A/T>
- B-114 (8-B) GDI ECO indication lamp-ECU

NOTE
Connector numbers in are connector numbers which have been added.

R.H. drive vehicles



STEERING COLUMN

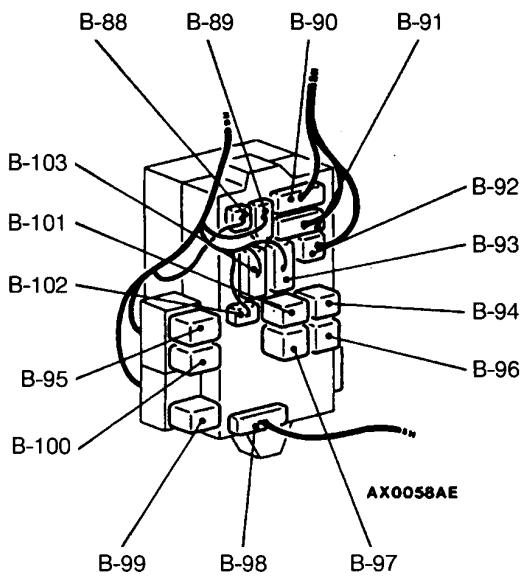


Connector color code
 B: Black
 Y: Yellow
 L: Blue
 G: Green
 R: Red
 BR: Brown
 V: Violet
 O: Orange
 GR: Gray
 None: Milk white

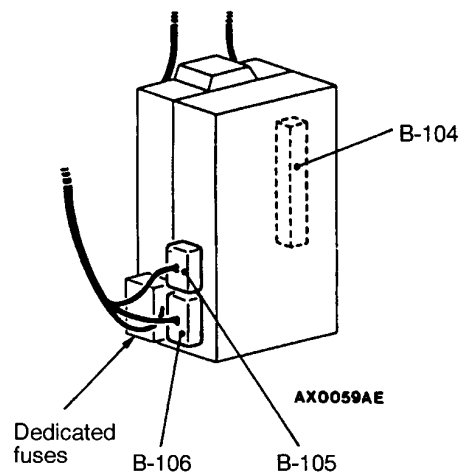
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|----------|--|------------|---------------|
| B-81 (6) | Ignition switch | B-85 (2-Y) | Clock spring |
| B-82 (7) | Key reminder switch | B-86 (4) | Clock spring |
| B-83 (1) | Horn switch | B-87 (10) | Column switch |
| B-84 (2) | Air bag module (squib) (Driver's side) | | |

JUNCTION BLOCK

(FRONT VIEW)



(REAR VIEW)



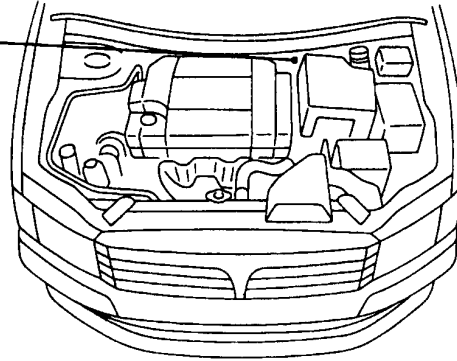
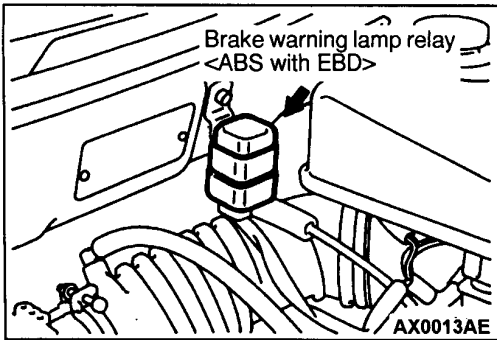
B-88 (4)	Instrument panel wiring harness and J/B combination	B-96 (5)	Defogger relay
B-89 (6)	Instrument panel wiring harness and J/B combination	B-97 (5)	Blower relay
B-90 (13)	Instrument panel wiring harness and J/B combination	B-98 (15)	Floor wiring harness and J/B combination
B-91 (13)	Instrument panel wiring harness and J/B combination	B-99 (5)	ABS warning lamp relay
B-92 (1-B)	Instrument panel wiring harness and J/B combination	B-100 (5)	Accessory socket relay
B-93 (11)	Instrument panel wiring harness and J/B combination	B-101 (5)	Power window relay
B-94 (4)	Alternator relay	B-102 (10)	Instrument panel wiring harness and J/B combination
B-95 (5)	Rear fog lamp relay	B-103 (8)	Instrument panel wiring harness and J/B combination
		B-104 (20)	ETACS-ECU
		B-105 (16-B)	ETACS-ECU
		B-106 (20-B)	ETACS-ECU

SINGLE PART INSTALLATION POSITION

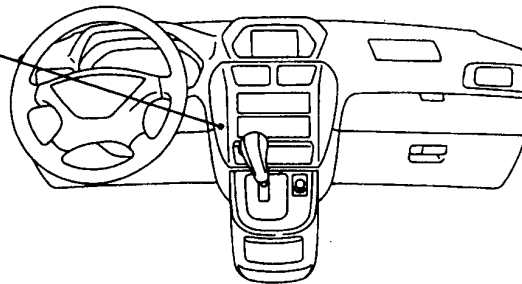
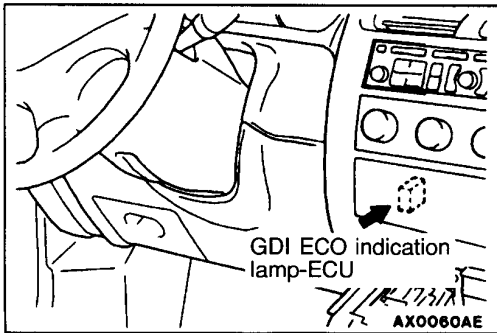
CONTENTS

RELAY	3-2	SENSOR	3-2
ECU	3-2		

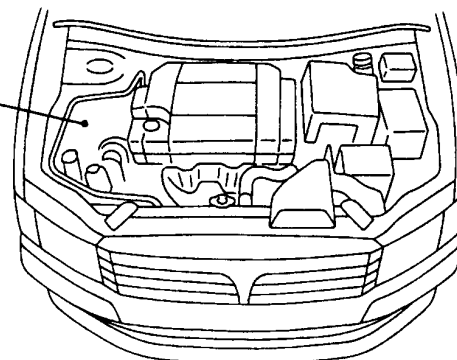
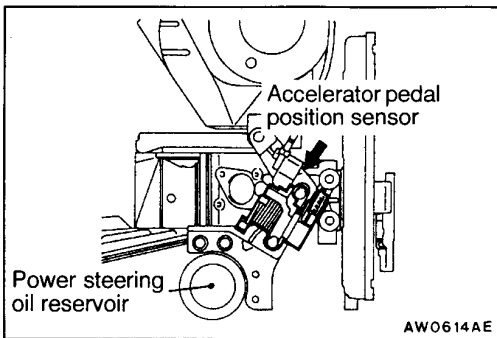
RELAY



ECU



SENSOR



CIRCUIT DIAGRAM

CONTENTS

ENGINE CONTROL SYSTEM

4G64-GDI <L.H. drive vehicles>	4-2
4G64-GDI <R.H. drive vehicles>	4-16

INVECS-II 4A/T

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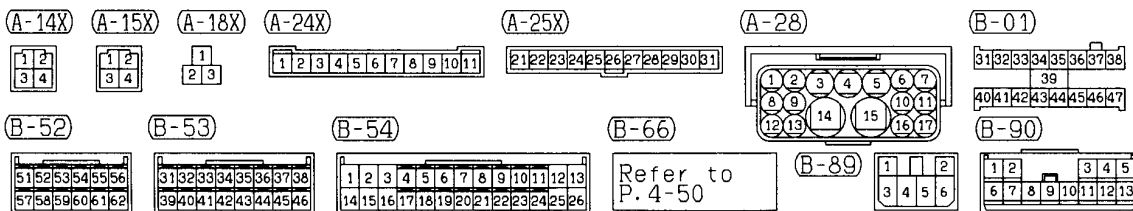
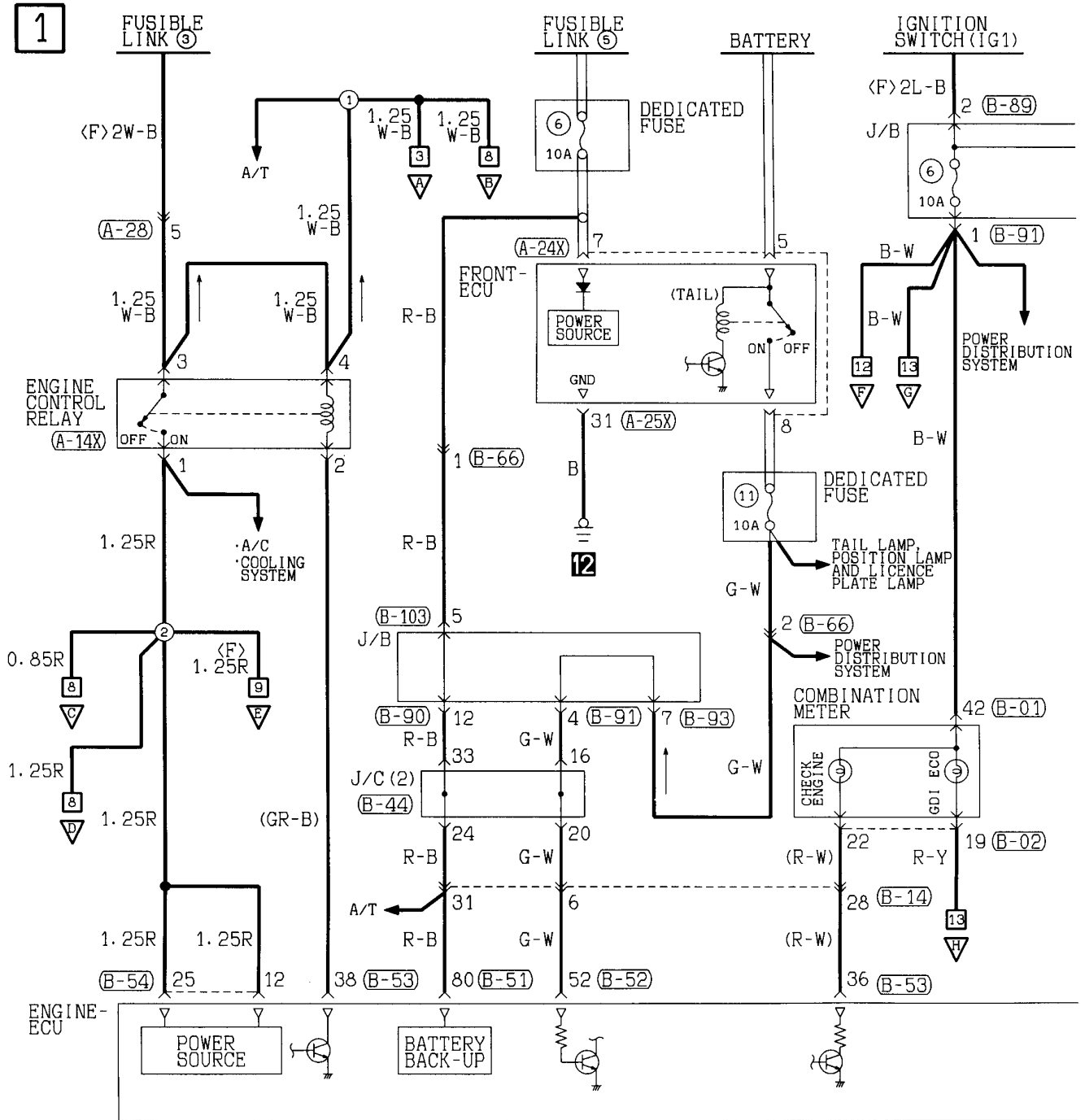
ANTI-SKID BRAKING SYSTEM (ABS)	4-42
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IMMOBILIZER SYSTEM

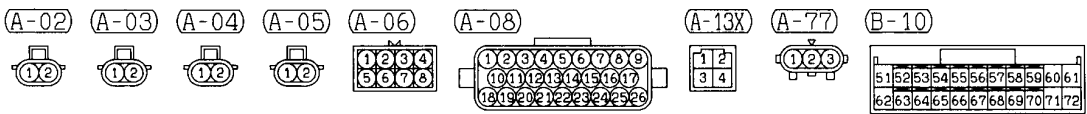
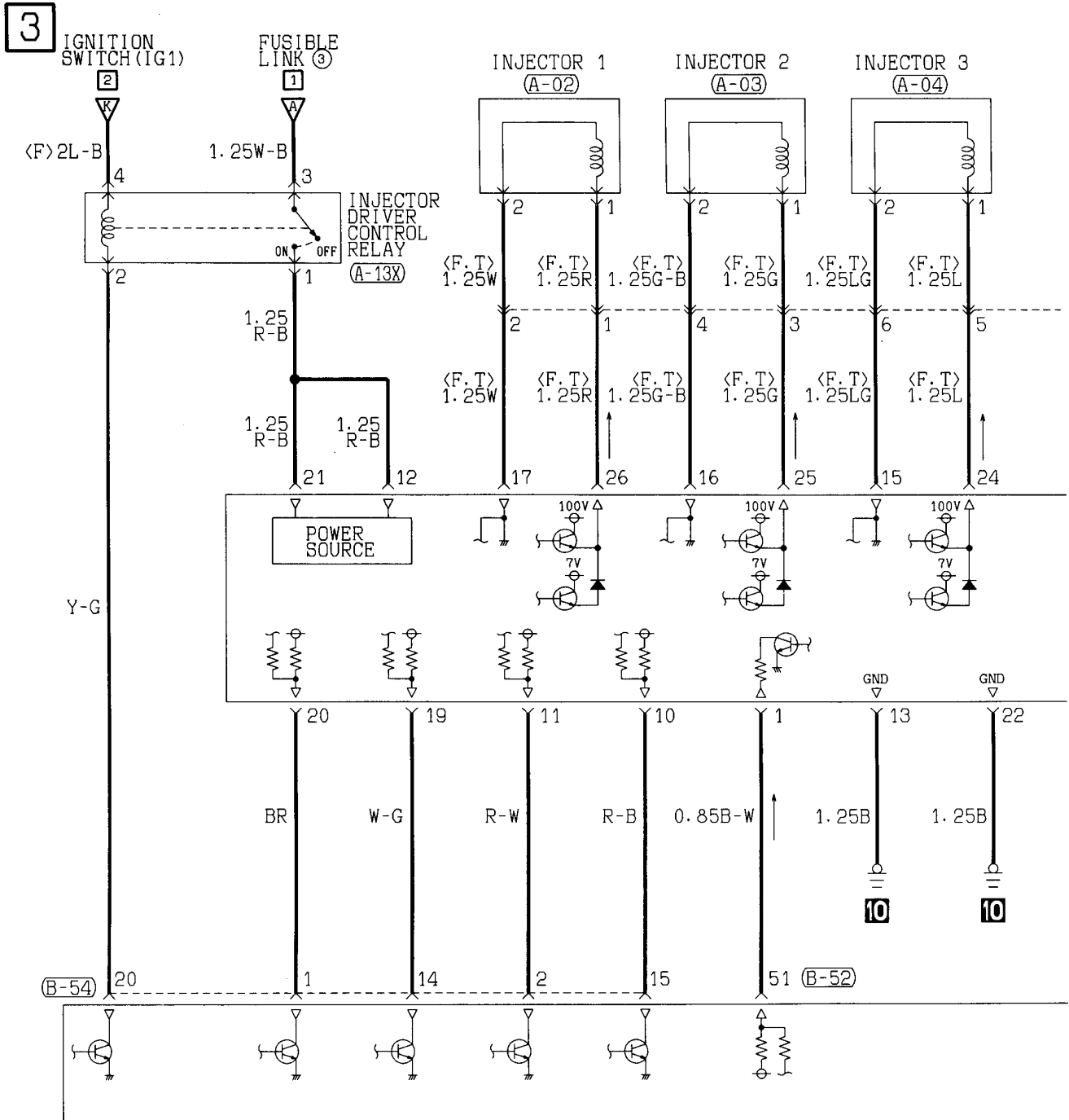
GDI	4-48
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ENGINE CONTROL SYSTEM

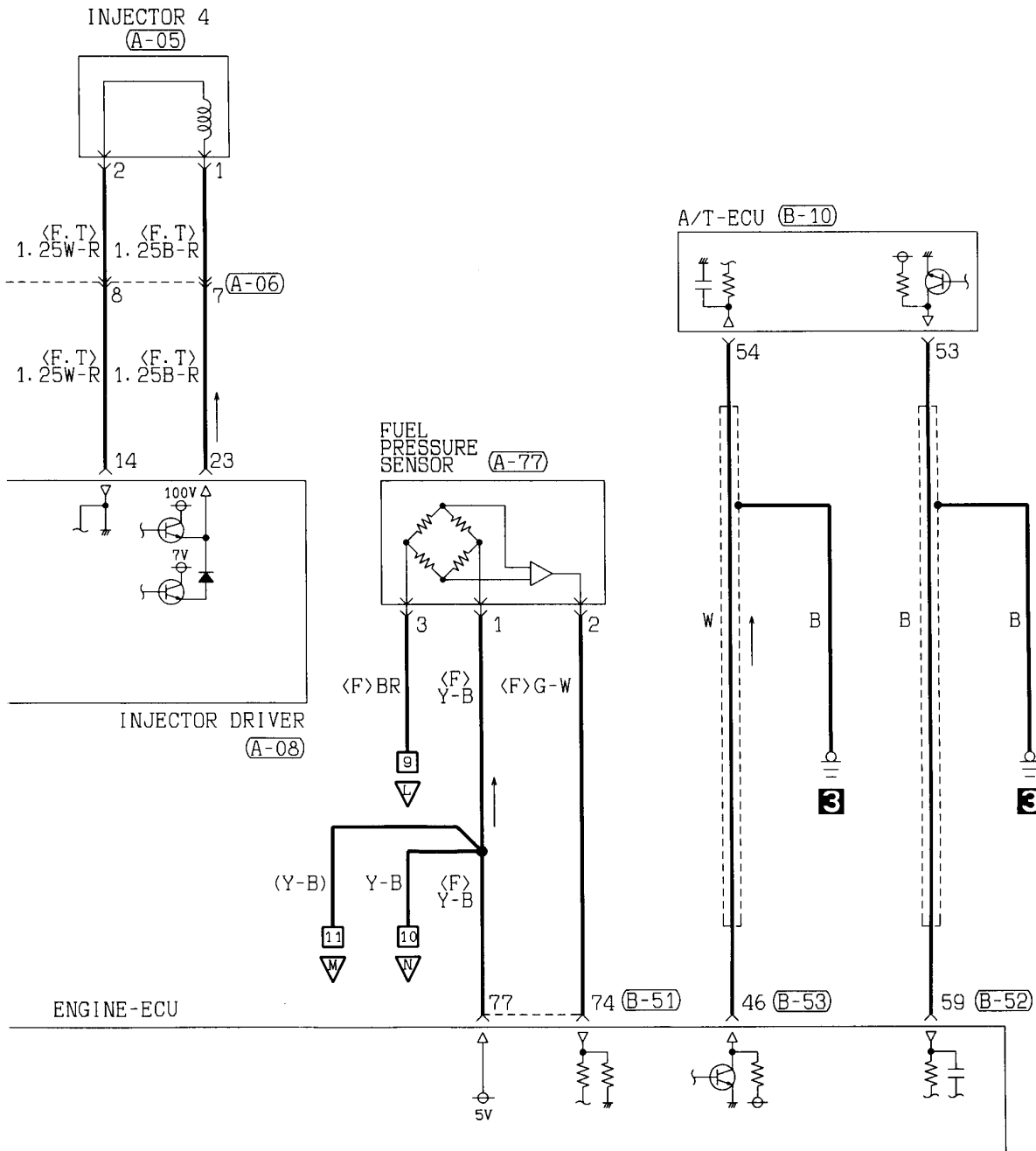
4G64-GDI <L.H. drive vehicles>



ENGINE CONTROL SYSTEM <4G64-GDI (L.H. drive vehicles)> (CONTINUED)



4



(B-51)

71	72	73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90	91	92

(B-52)

51	52	53	54	55	56
57	58	59	60	61	62

(B-53)

31	32	33	34	35	36	37	38
39	40	41	42	43	44	45	46

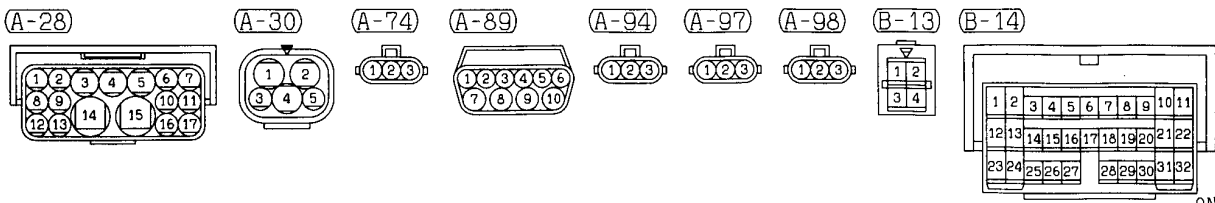
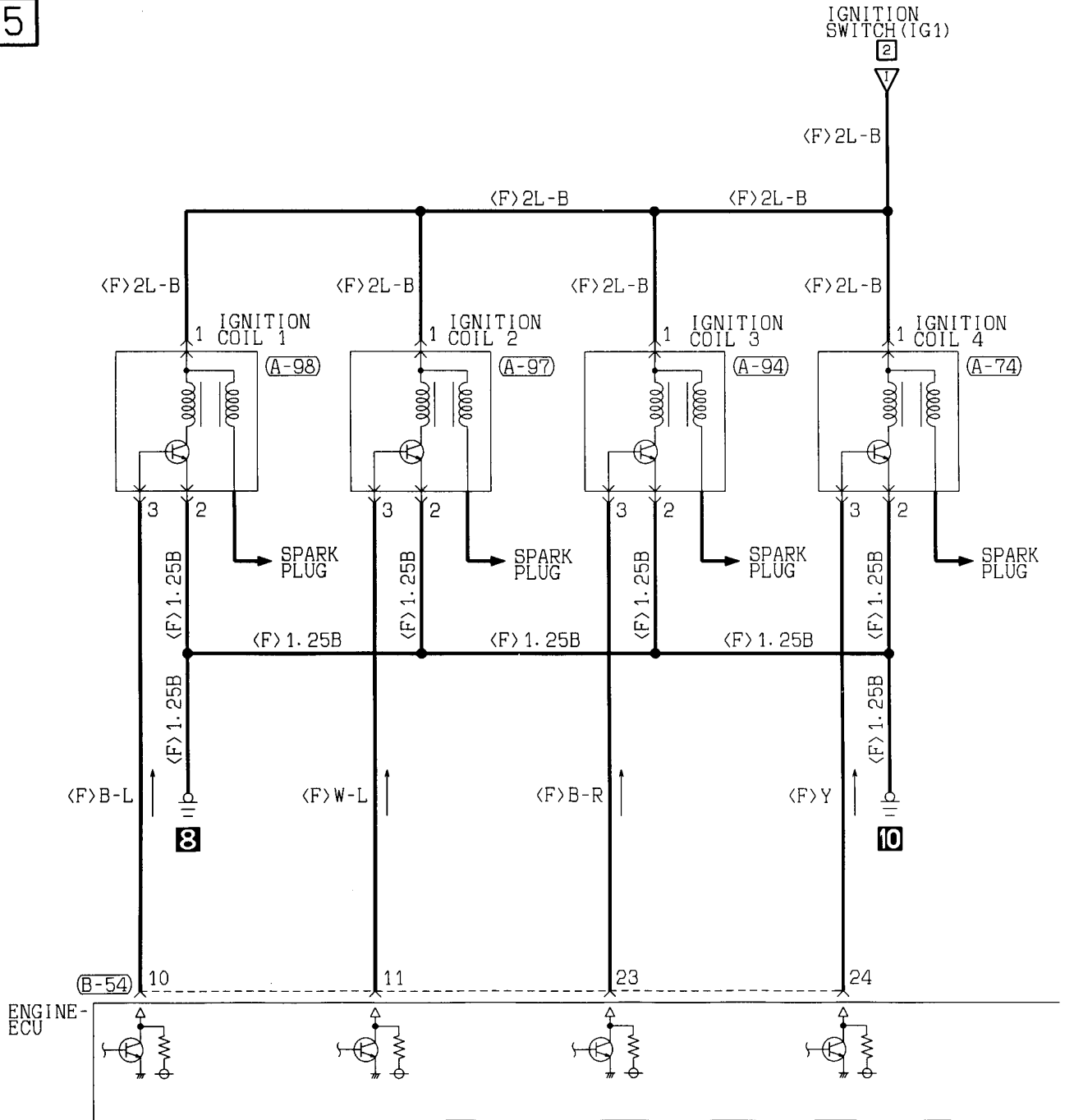
(B-54)

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

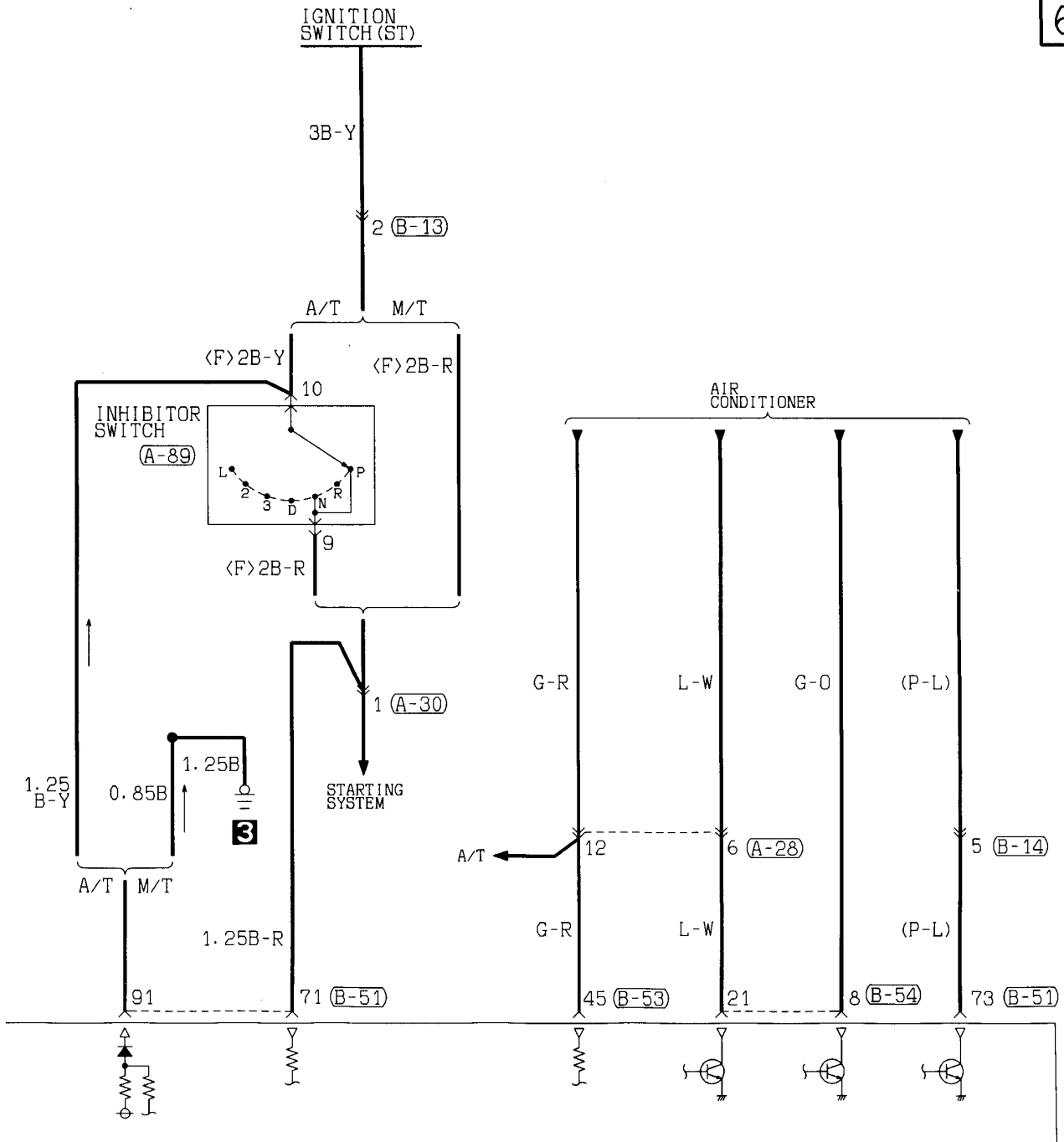
Wire colour code
 B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue
 BR : Brown O : Orange GR : Gray R : Red P : Pink V : Violet

ENGINE CONTROL SYSTEM <4G64-GDI (L.H. drive vehicles)> (CONTINUED)

5



6



(B-51)

(B-53)

(B-54)

71	72	73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90	91	92

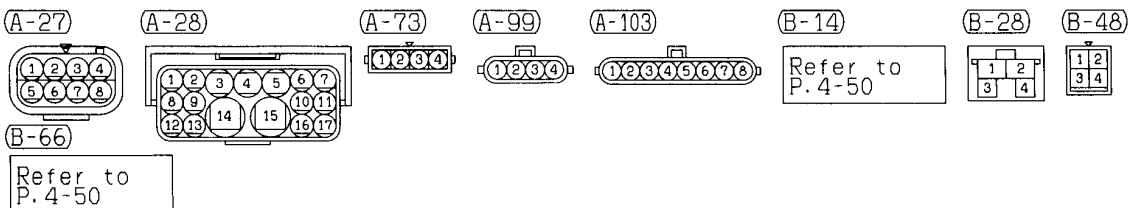
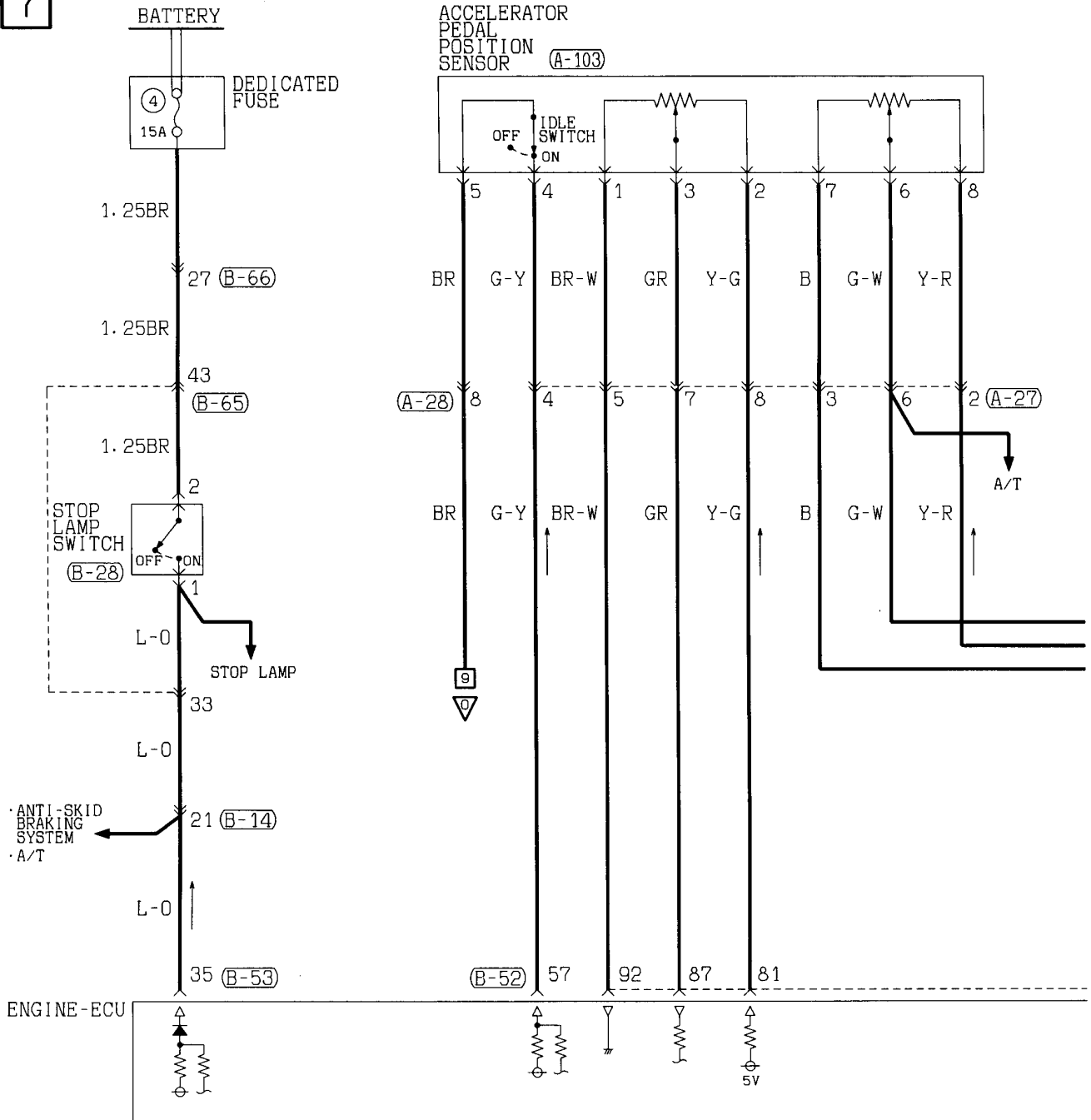
31	32	33	34	35	36	37	38
39	40	41	42	43	44	45	46

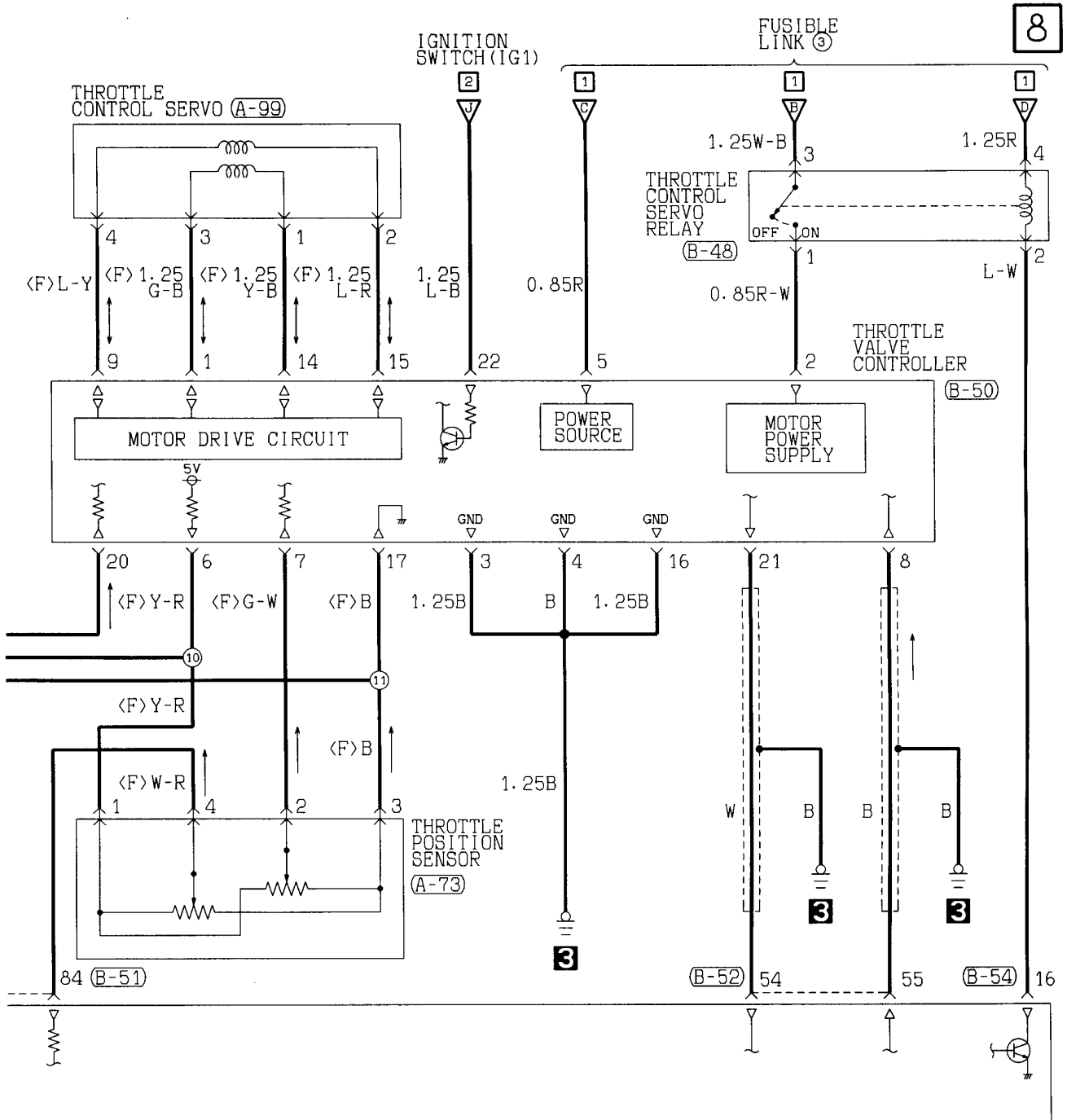
1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

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

ENGINE CONTROL SYSTEM <4G64-GDI (L.H. drive vehicles)> (CONTINUED)

7





(B-50)

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

(B-51)

71	72	73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90	91	92

(B-52)

51	52	53	54	55	56
57	58	59	60	61	62

(B-53)

31	32	33	34	35	36	37	38
39	40	41	42	43	44	45	46

(B-54)

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

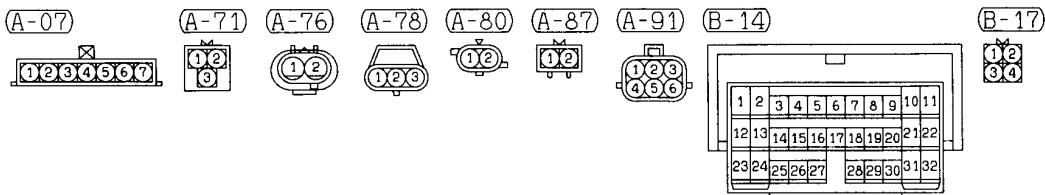
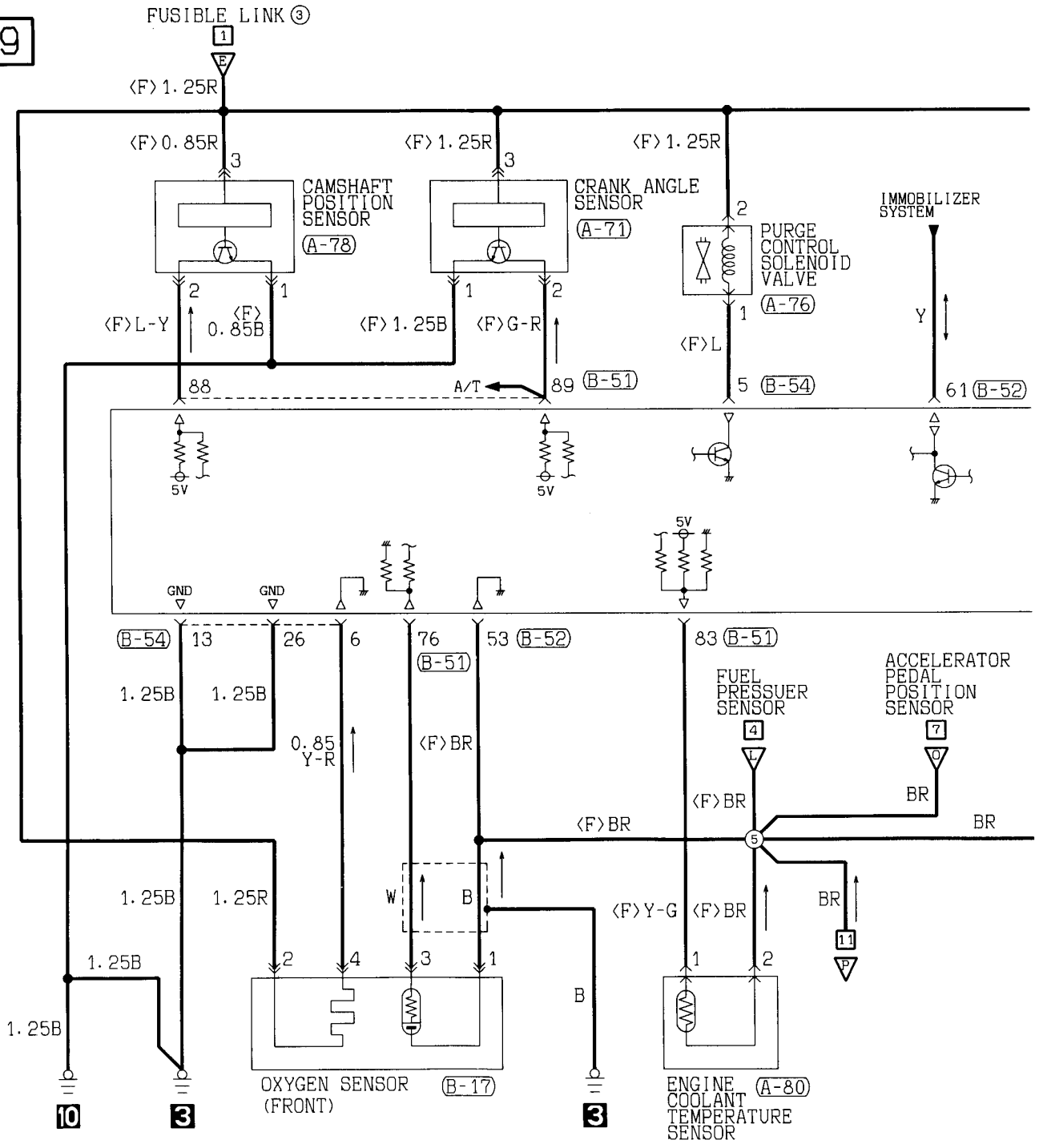
(B-65)

Refer to P. 4-50

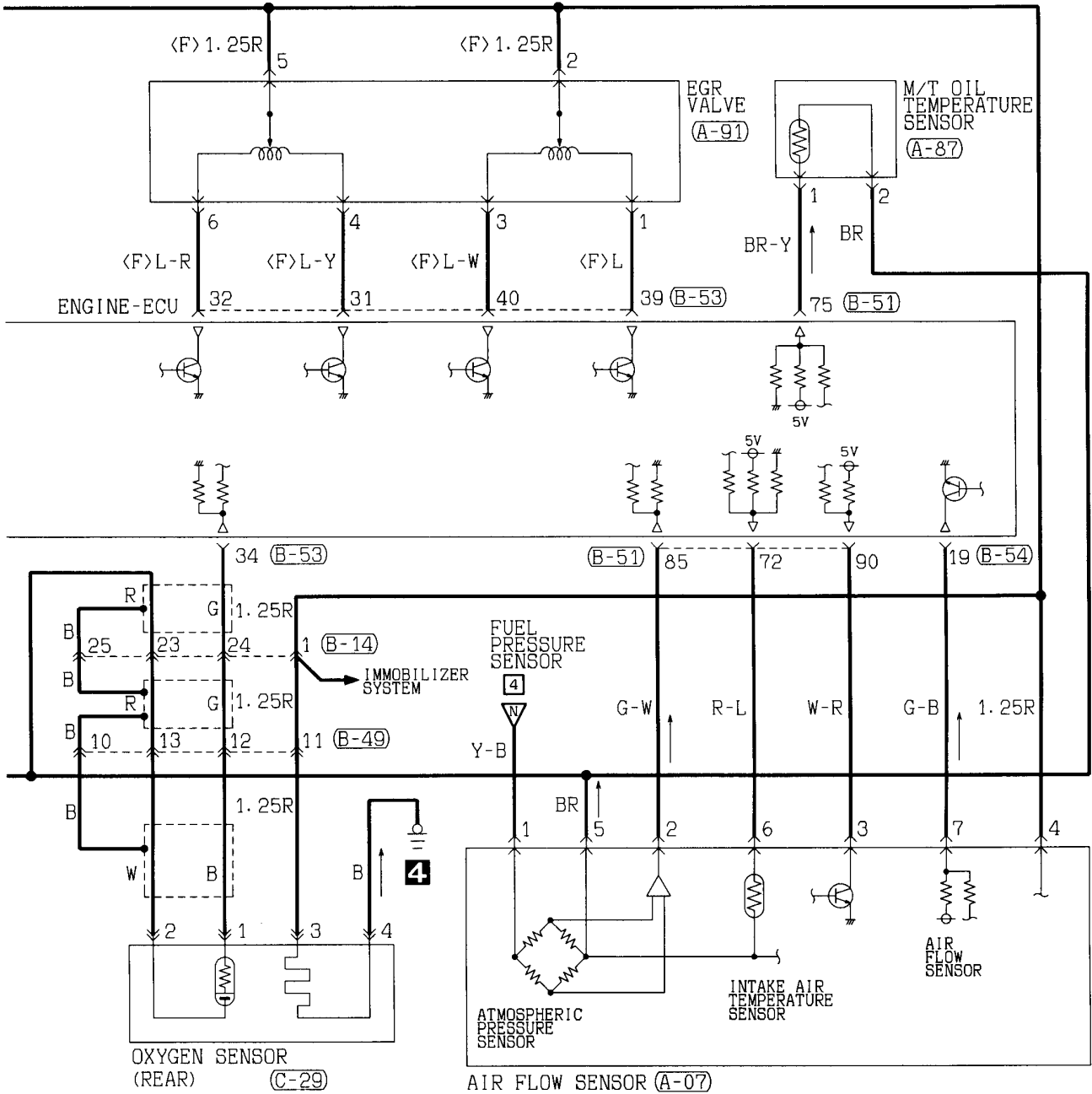
Wire colour code
 B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue
 BR : Brown O : Orange GR : Gray R : Red P : Pink V : Violet

ENGINE CONTROL SYSTEM <4G64-GDI (L.H. drive vehicles)> (CONTINUED)

9



10



(B-49)

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43		

(B-51)

71	72	73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90	91	92

(B-52)

51	52	53	54	55	56
57	58	59	60	61	62

(B-53)

31	32	33	34	35	36	37	38
39	40	41	42	43	44	45	46

(B-54)

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

(C-29)

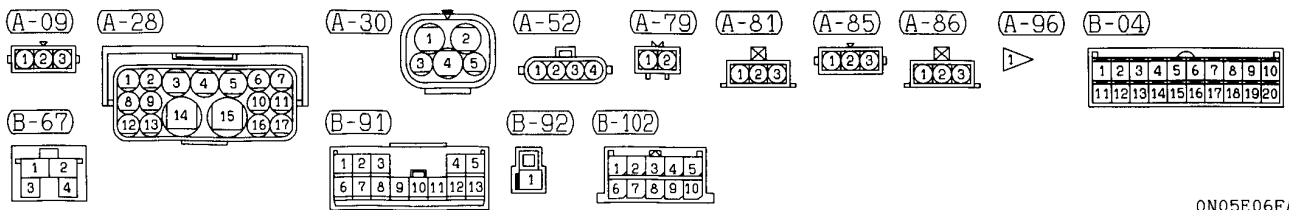
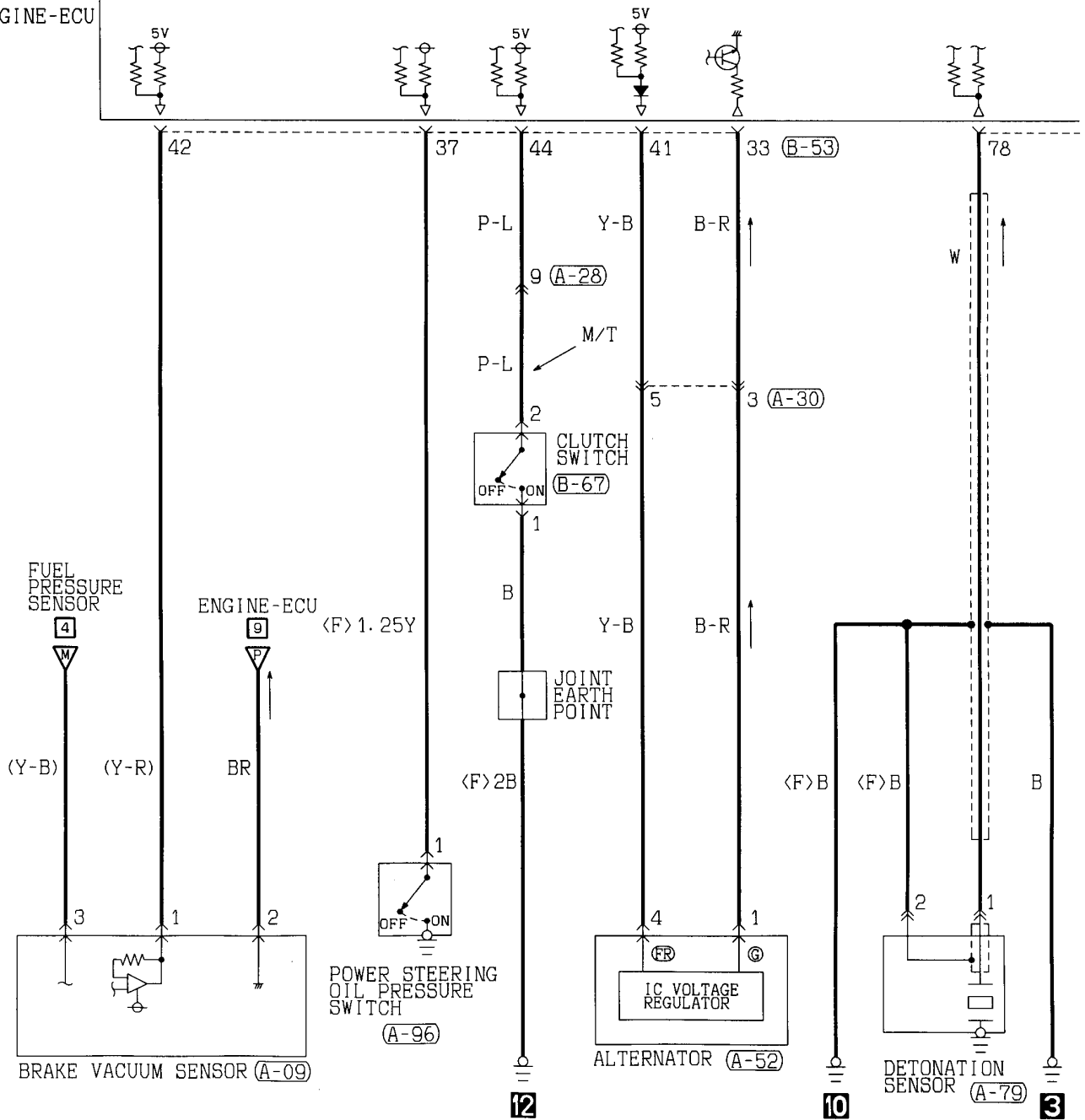
1	2	3	4
---	---	---	---

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

ENGINE CONTROL SYSTEM <4G64-GDI (L.H. drive vehicles)> (CONTINUED)

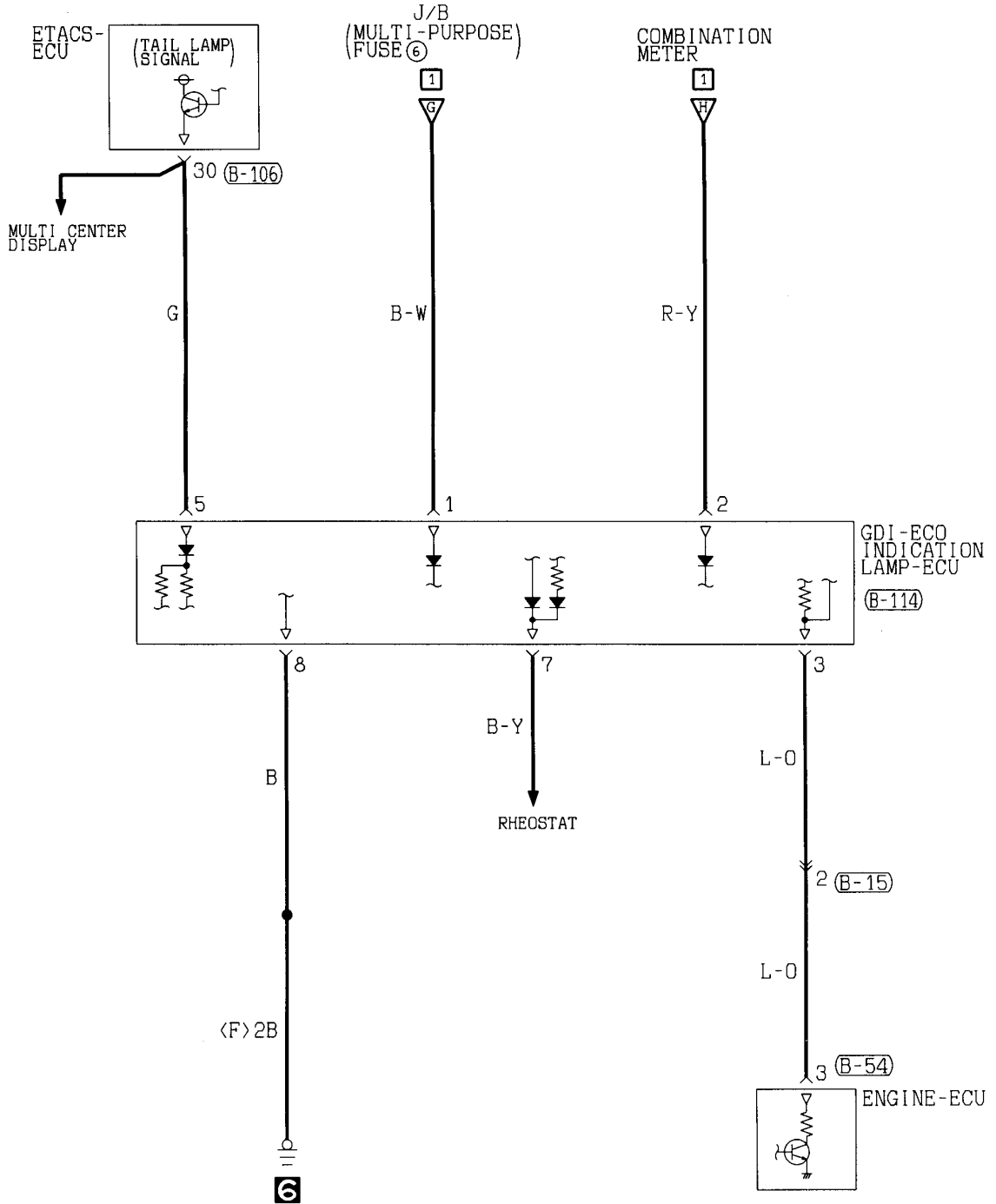
11

ENGINE-ECU



ENGINE CONTROL SYSTEM <4G64-GDI (L.H. drive vehicles)> (CONTINUED)

13



(B-15)

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	

(B-54)

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

(B-106)

21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

(B-114)

1	2	3	4
5	6	7	8

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

G :Green L :Blue
 GR:Gray R :Red

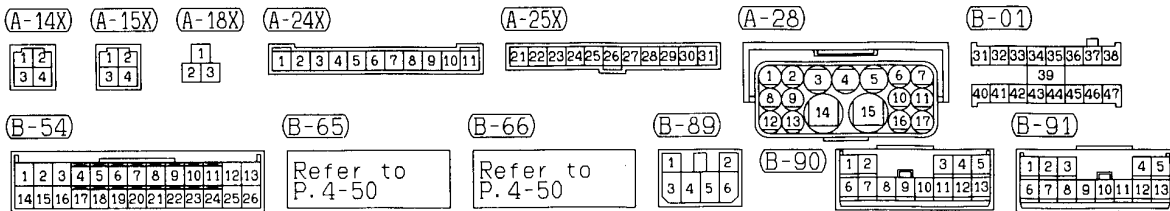
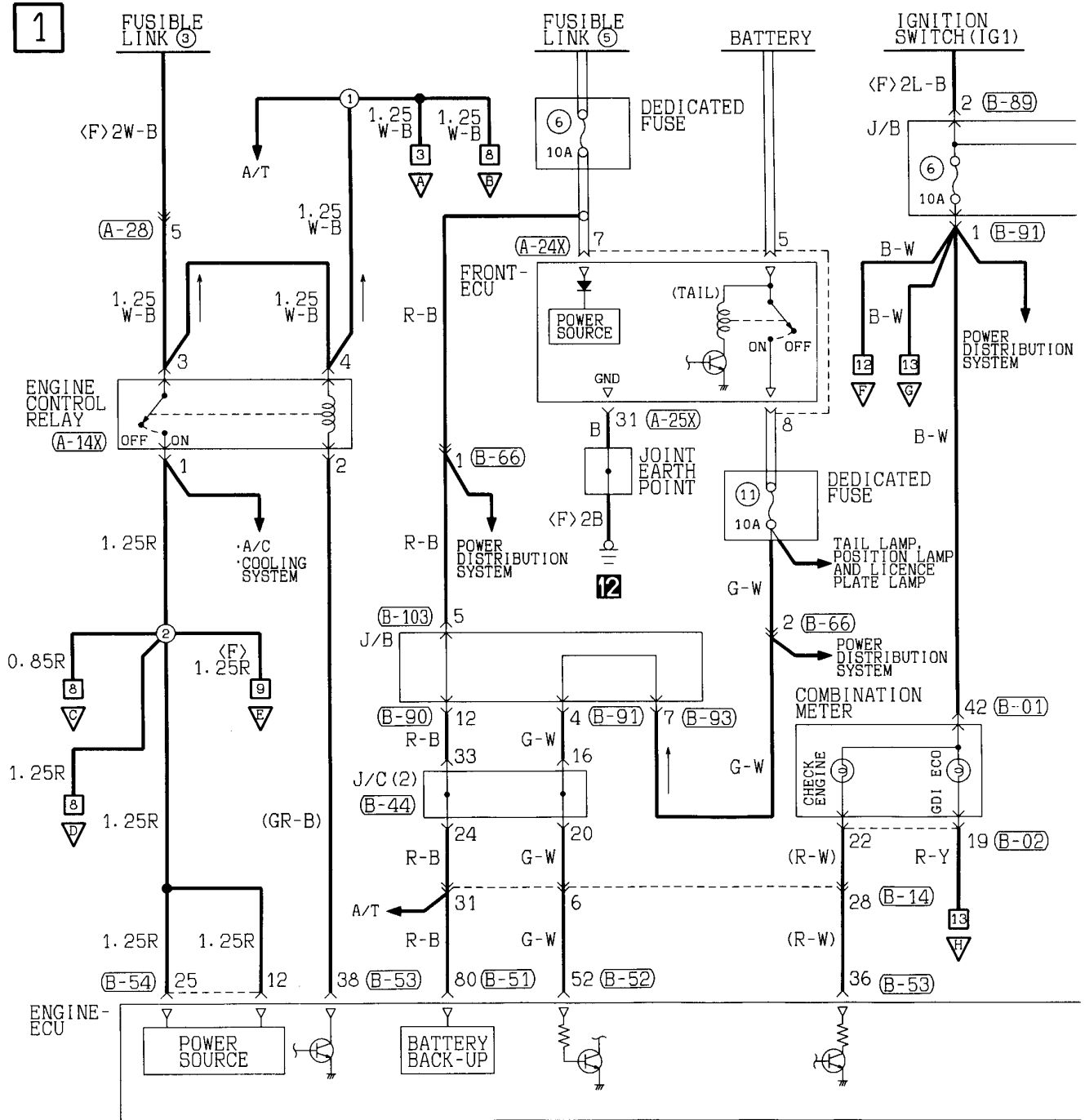
W :White Y :Yellow
 P :Pink V :Violet

SB:Sky blue

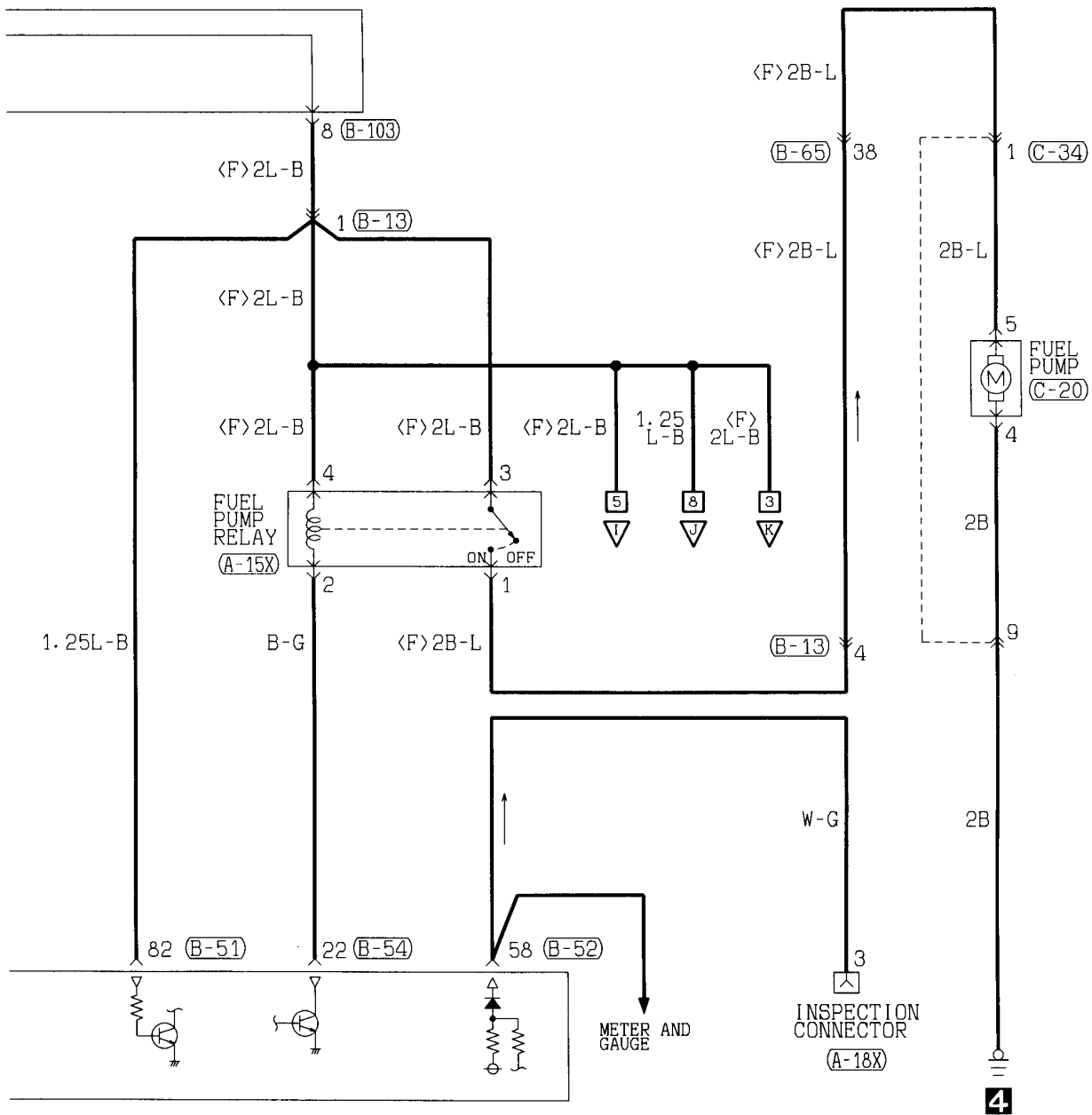
NOTES

ENGINE CONTROL SYSTEM

4G64-GDI <R.H. drive vehicles>

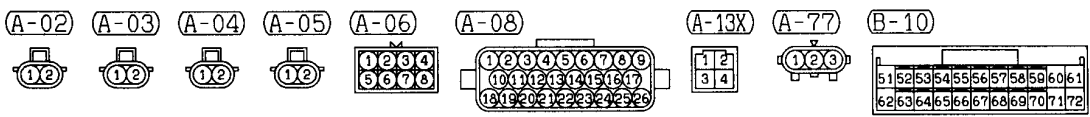
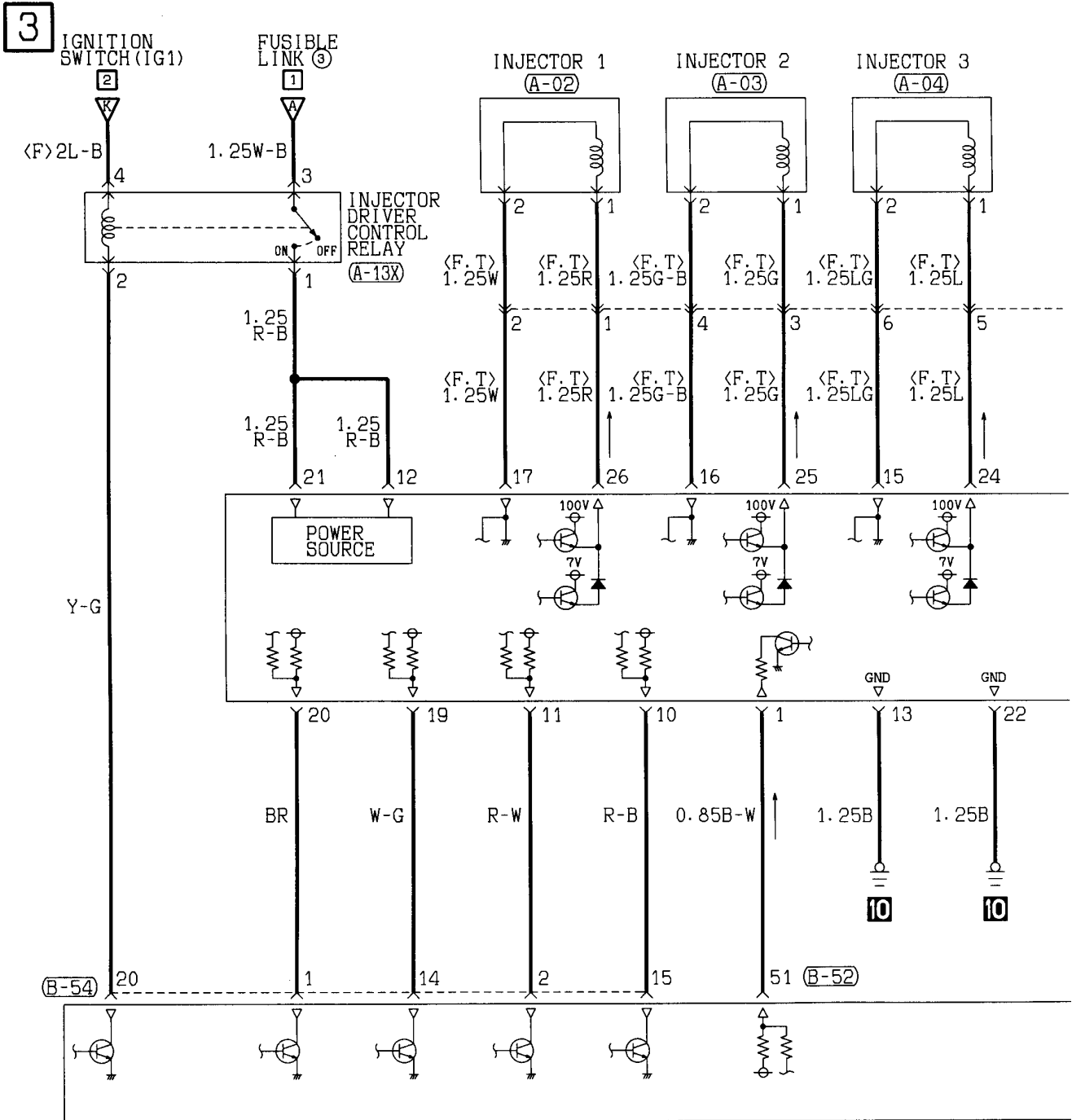


2

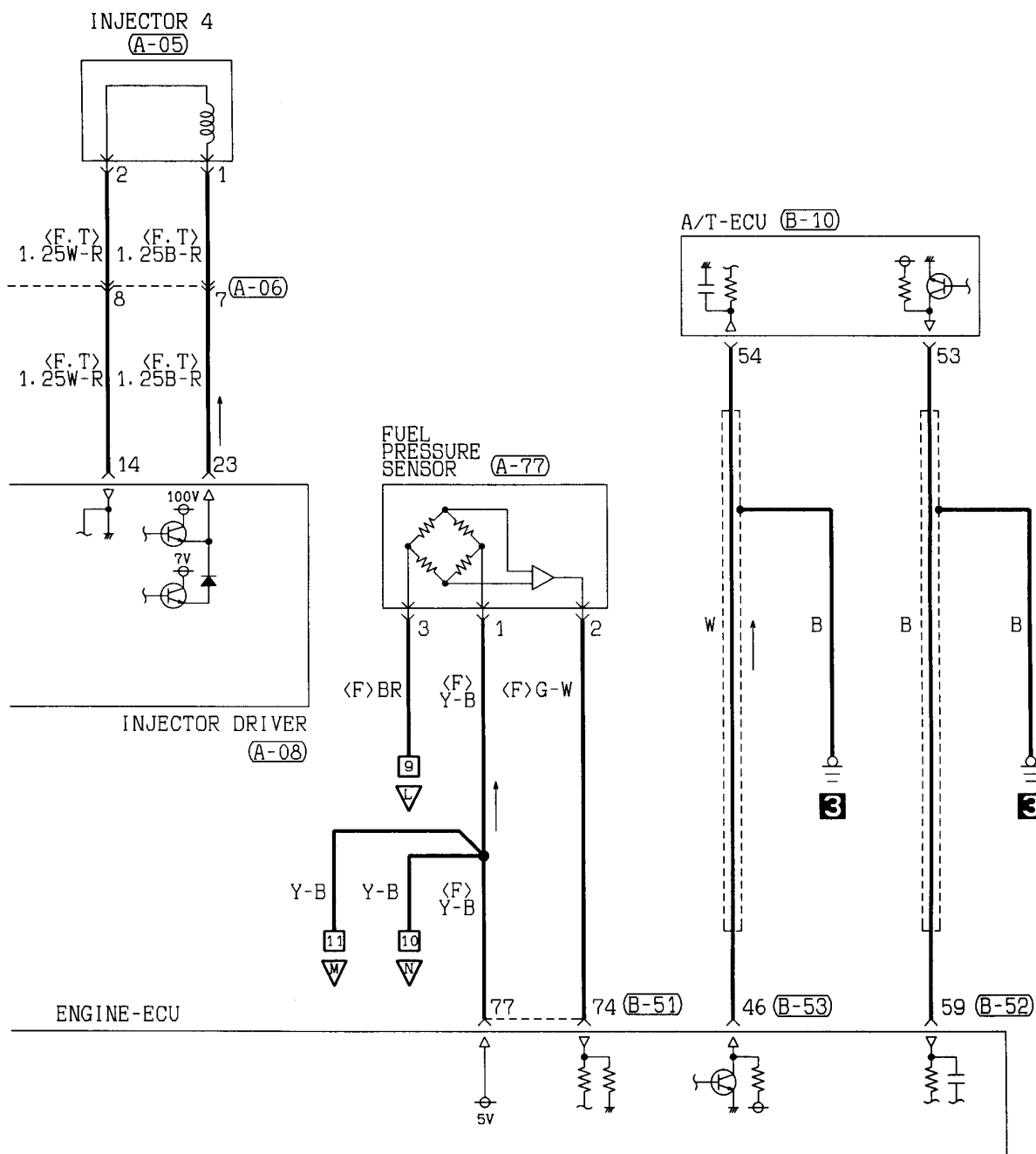


(B-02) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	(B-13) 1 2 3 4	(B-14) Refer to P. 4-50	(B-44) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	(B-51) 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92	(B-52) 51 52 53 54 55 56 57 58 59 60 61 62	(B-53) 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46
(B-93) 1 2 3 4 5 6 7 8 9 10 11	(B-103) 1 2 3 4 5 6 7 8	(C-20) 1 2 3 4 5	(C-34) 1 2 3 4 5 6 7 8 9	Wire colour code B : Black BR : Brown W : White V : Violet LG : Light green O : Orange SB : Sky blue G : Green GR : Gray P : Pink L : Blue R : Red Y : Yellow		ON05E07AB

ENGINE CONTROL SYSTEM <4G64-GDI (R.H. drive vehicles)> (CONTINUED)



4



(B-51)

71	72	73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90	91	92

(B-52)

51	52	53	54	55	56
57	58	59	60	61	62

(B-53)

31	32	33	34	35	36	37	38
39	40	41	42	43	44	45	46

(B-54)

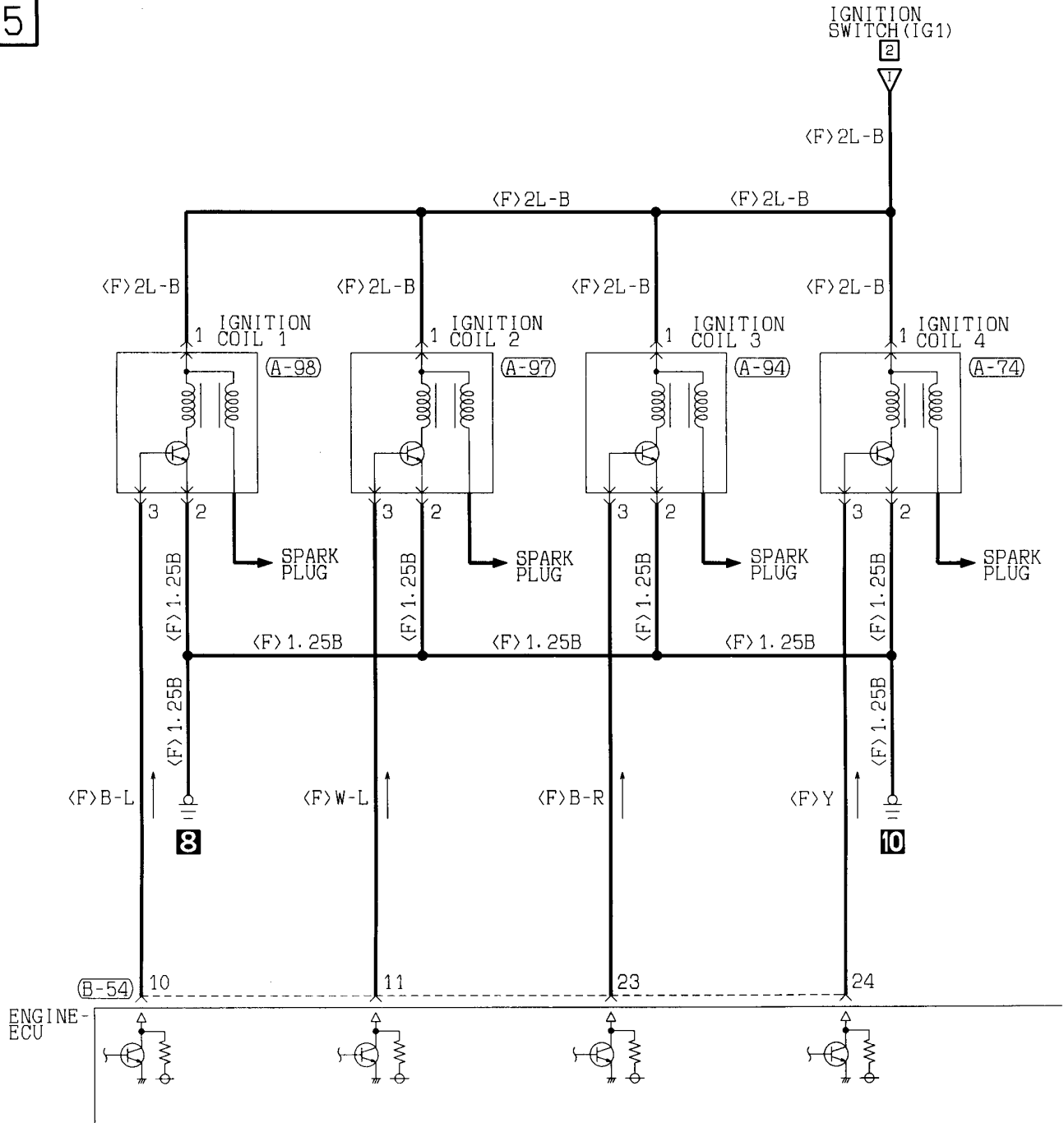
1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

Wire colour code

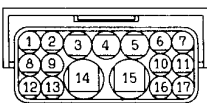
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue
 BR : Brown O : Orange GR : Gray R : Red P : Pink V : Violet

ENGINE CONTROL SYSTEM <4G64-GDI (R.H. drive vehicles)> (CONTINUED)

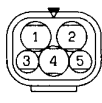
5



(A-28)



(A-30)



(A-74)



(A-89)



(A-94)



(A-97)



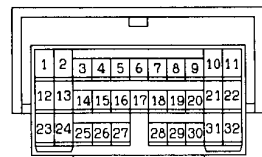
(A-98)



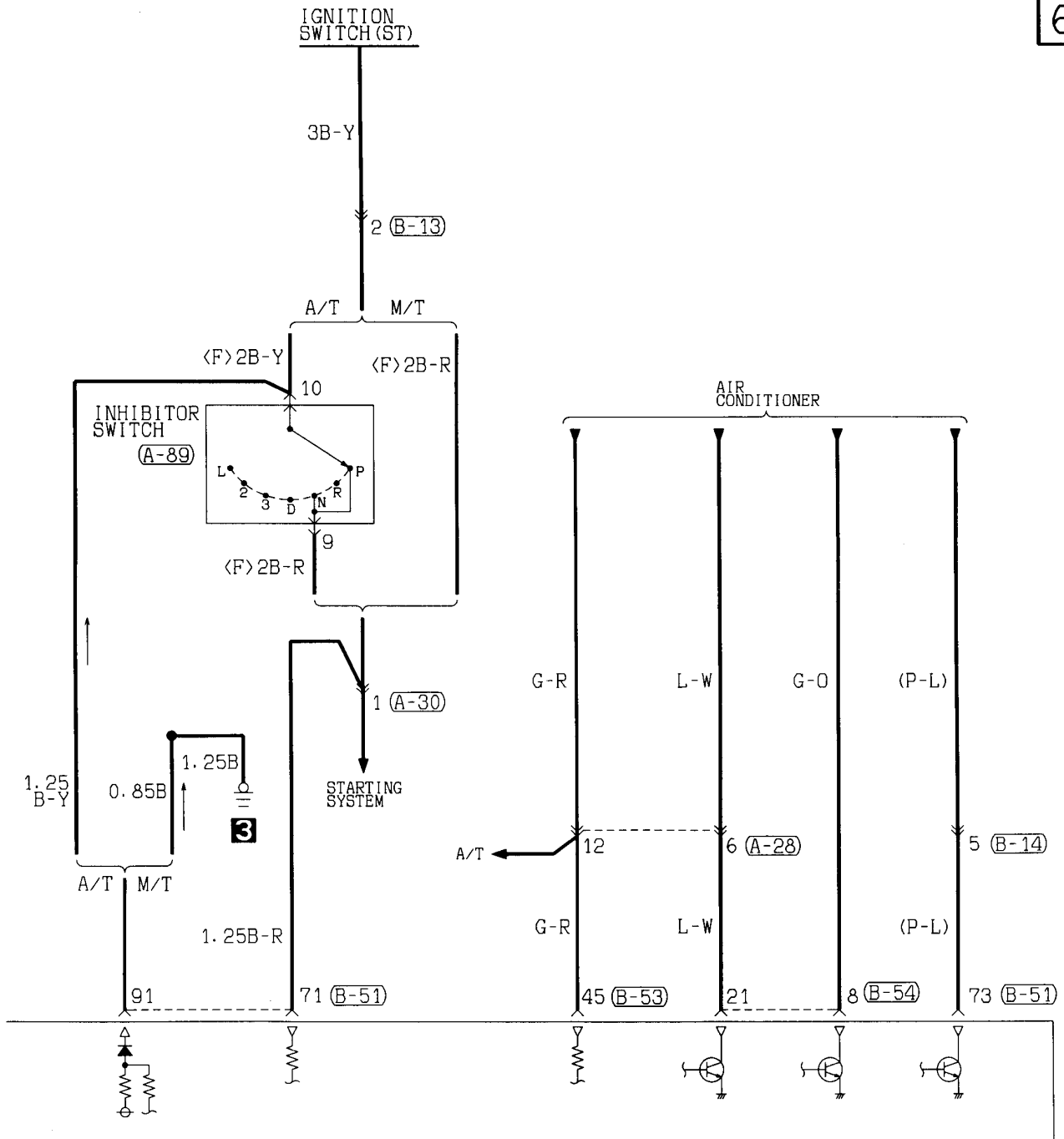
(B-13)



(B-14)



6



(B-51)

71	72	73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90	91	92

(B-53)

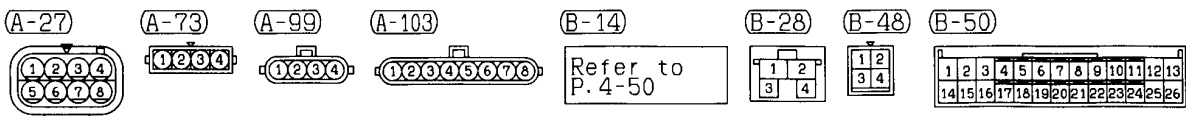
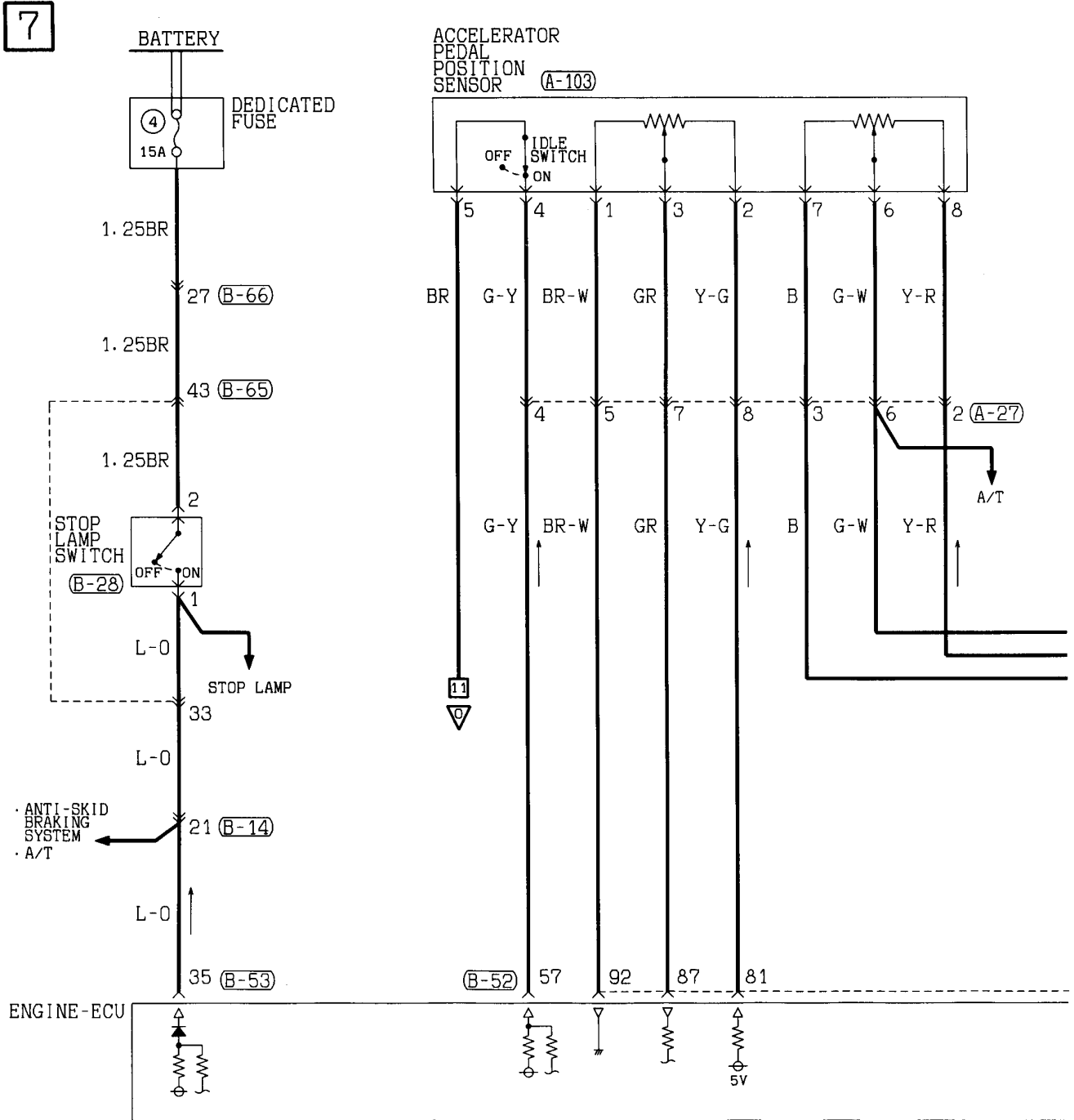
31	32	33	34	35	36	37	38
39	40	41	42	43	44	45	46

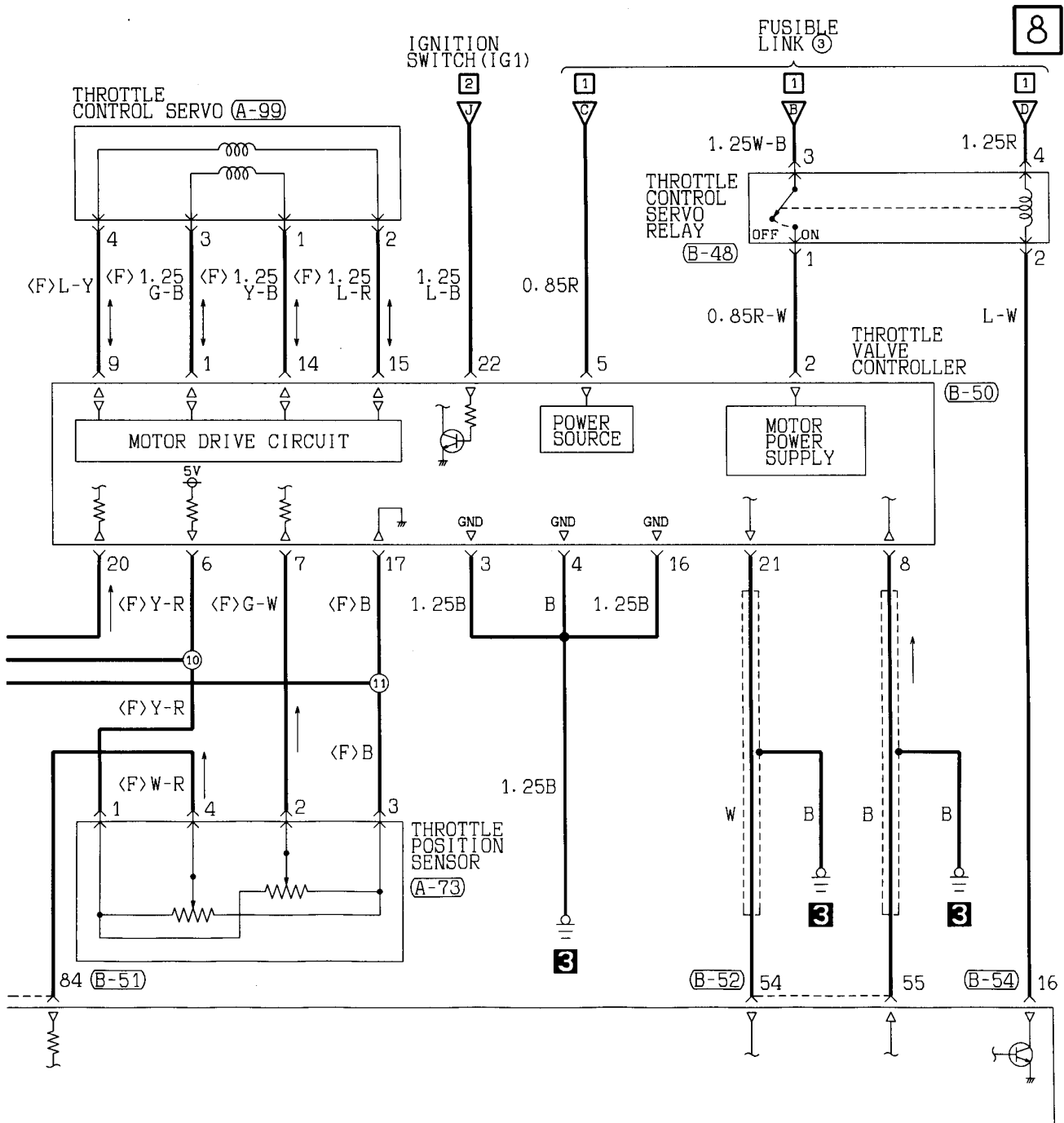
(B-54)

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

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

ENGINE CONTROL SYSTEM <4G64-GDI (R.H. drive vehicles)> (CONTINUED)





(B-51)

71	72	73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90	91	92

(B-52)

51	52	53	54	55	56
57	58	59	60	61	62

(B-53)

31	32	33	34	35	36	37	38
39	40	41	42	43	44	45	46

(B-54)

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

(B-65)

Refer to P. 4-50

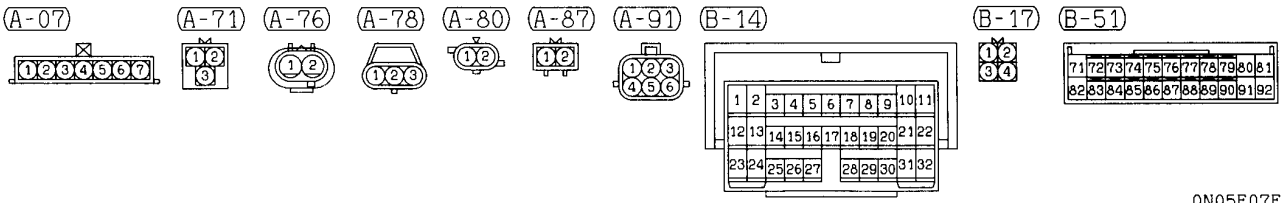
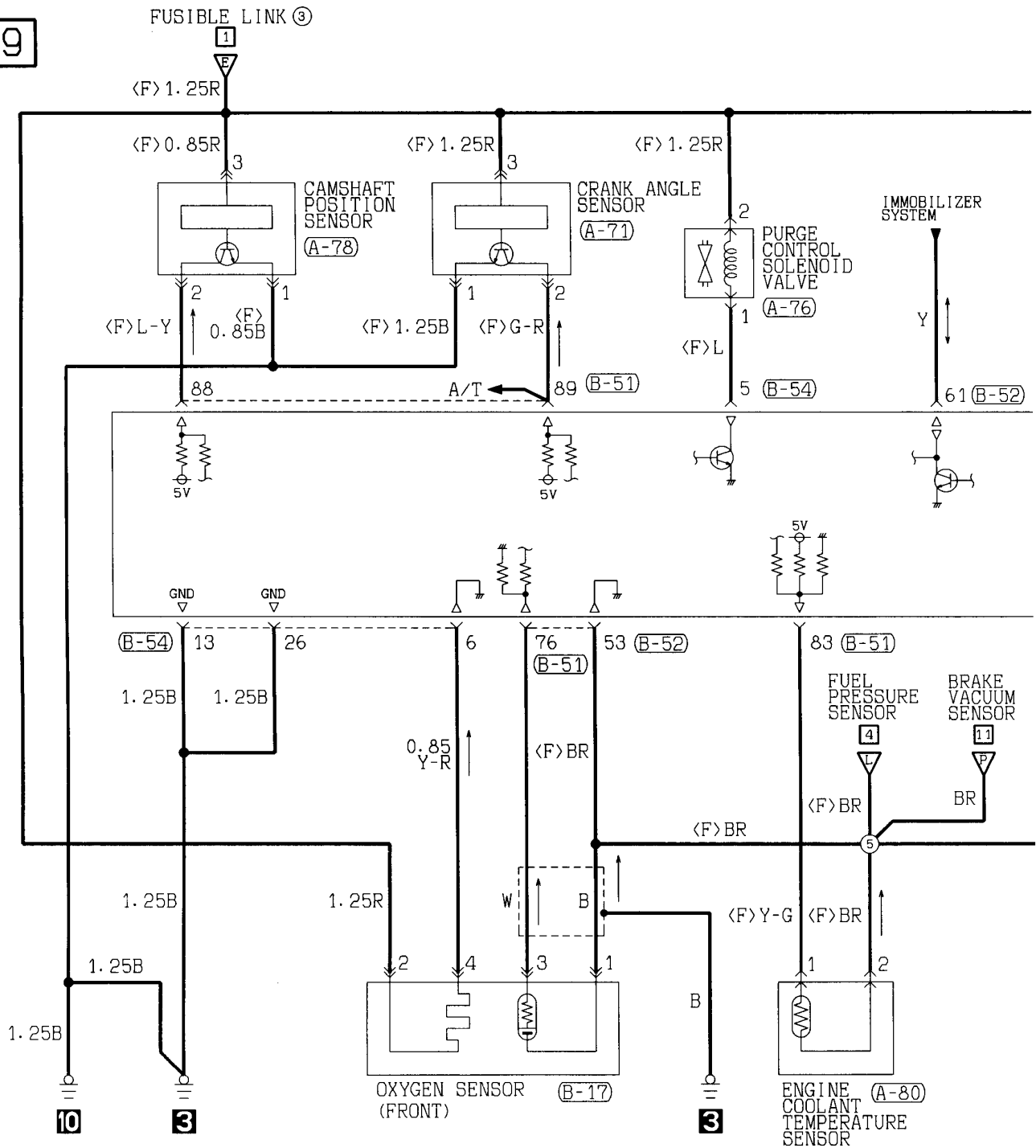
(B-66)

Refer to P. 4-50

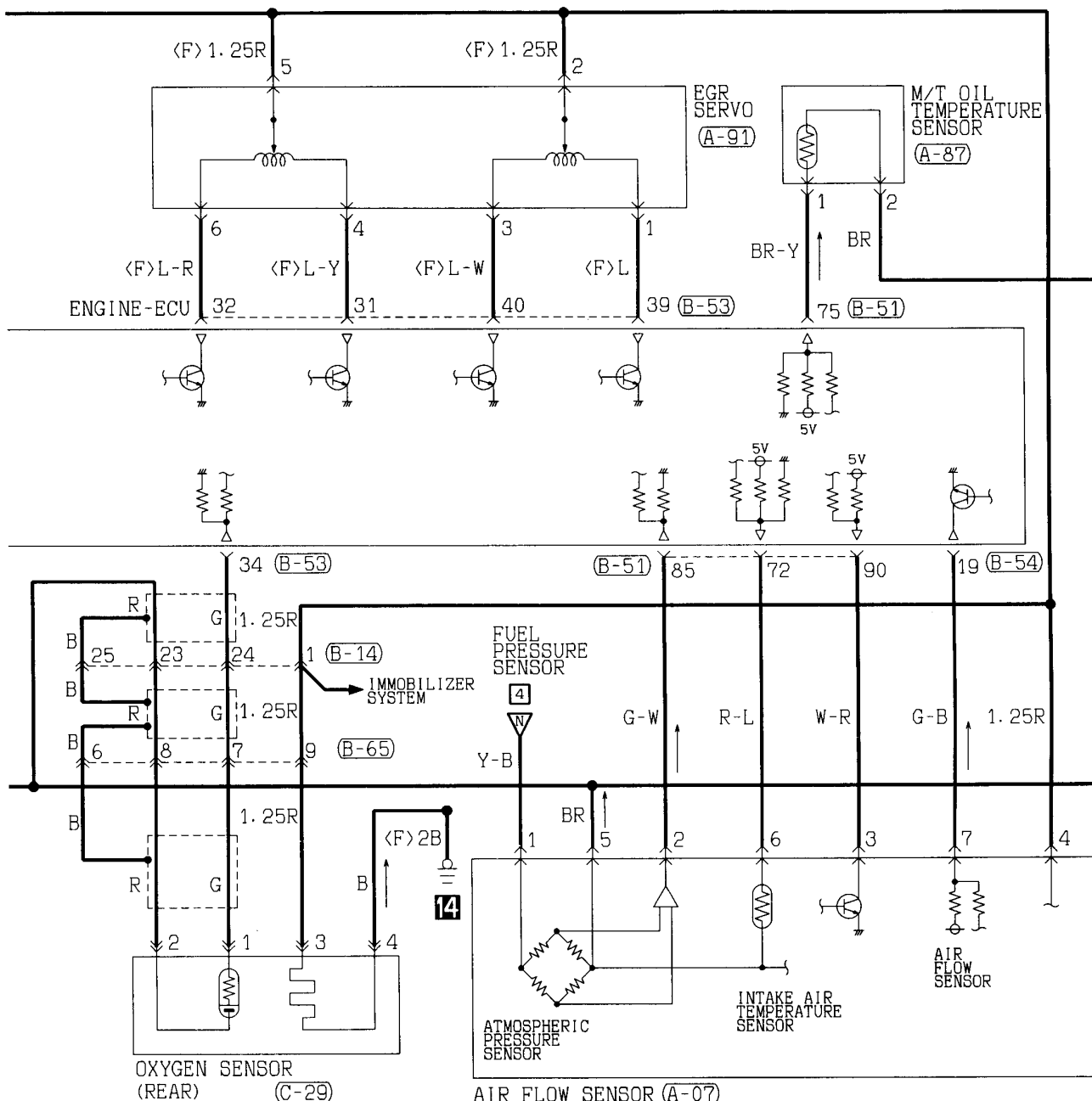
Wire colour code
 B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue
 BR : Brown O : Orange GR : Gray R : Red P : Pink V : Violet

ENGINE CONTROL SYSTEM <4G64-GDI (R.H. drive vehicles)> (CONTINUED)

9



10



(B-52)

51	52	53	54	55	56
57	58	59	60	61	62

(B-53)

31	32	33	34	35	36	37	38
39	40	41	42	43	44	45	46

(B-54)

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

(B-65)

1	2	3	4	5	6	7	8	9			
10	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30	31	32	33
34	35	36	37	38	39	40	41	42	43		

(C-29)

1	2	3	4
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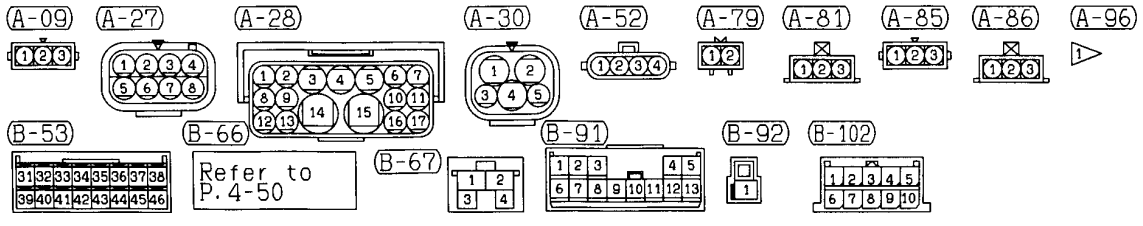
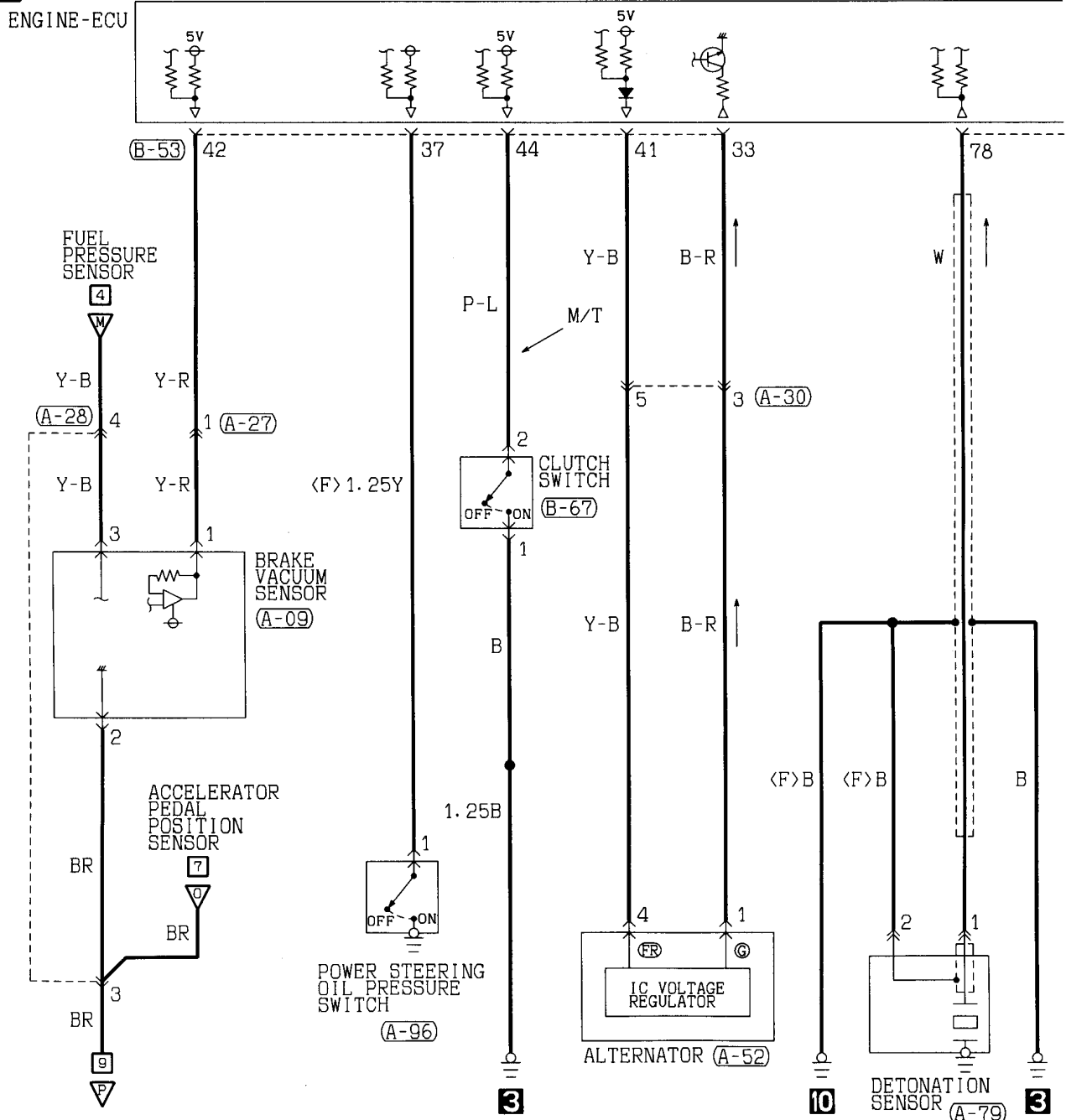
Wire colour code

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

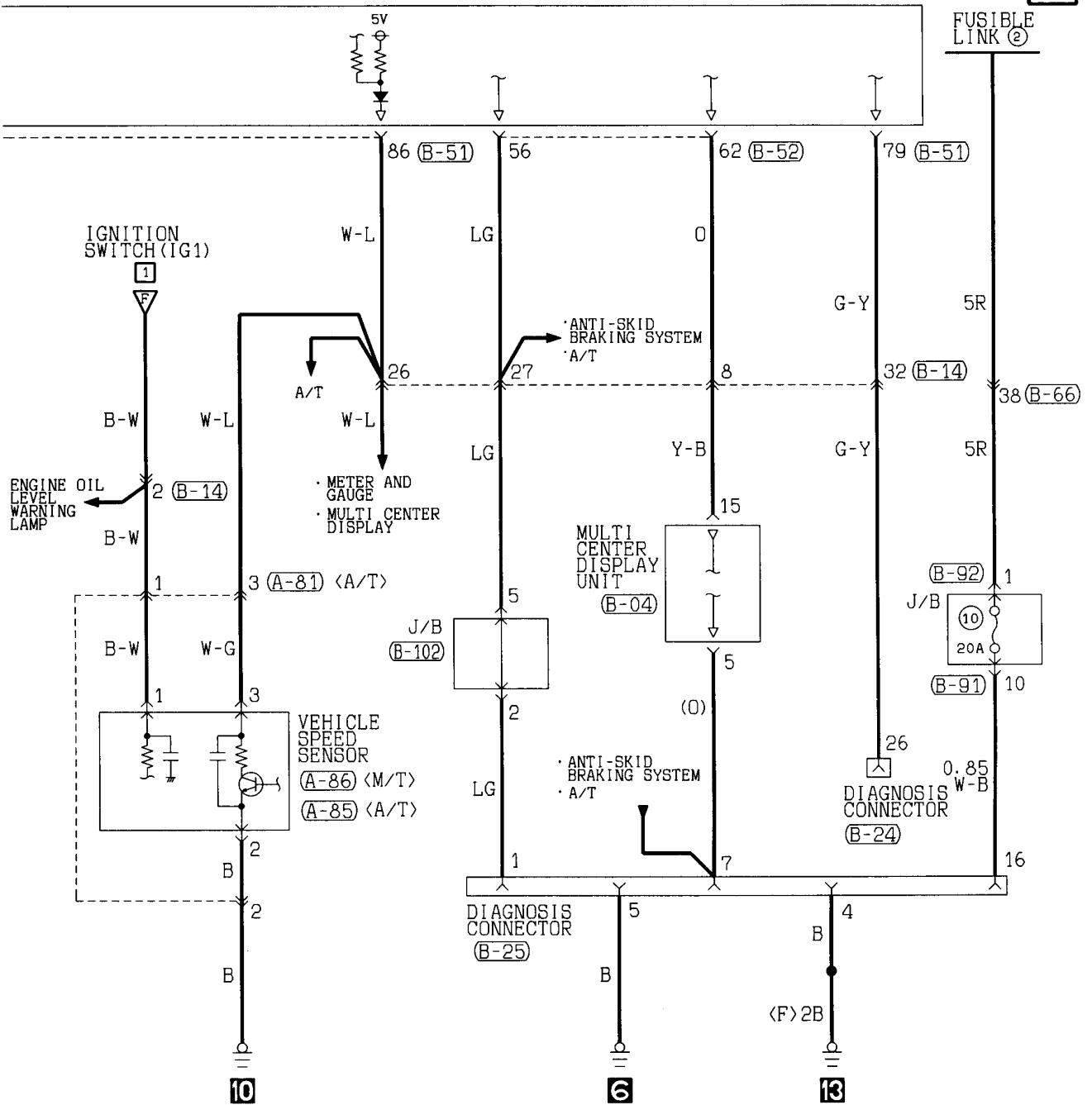
ENGINE CONTROL SYSTEM <4G64-GDI (R.H. drive vehicles)> (CONTINUED)

11

ENGINE-ECU



12

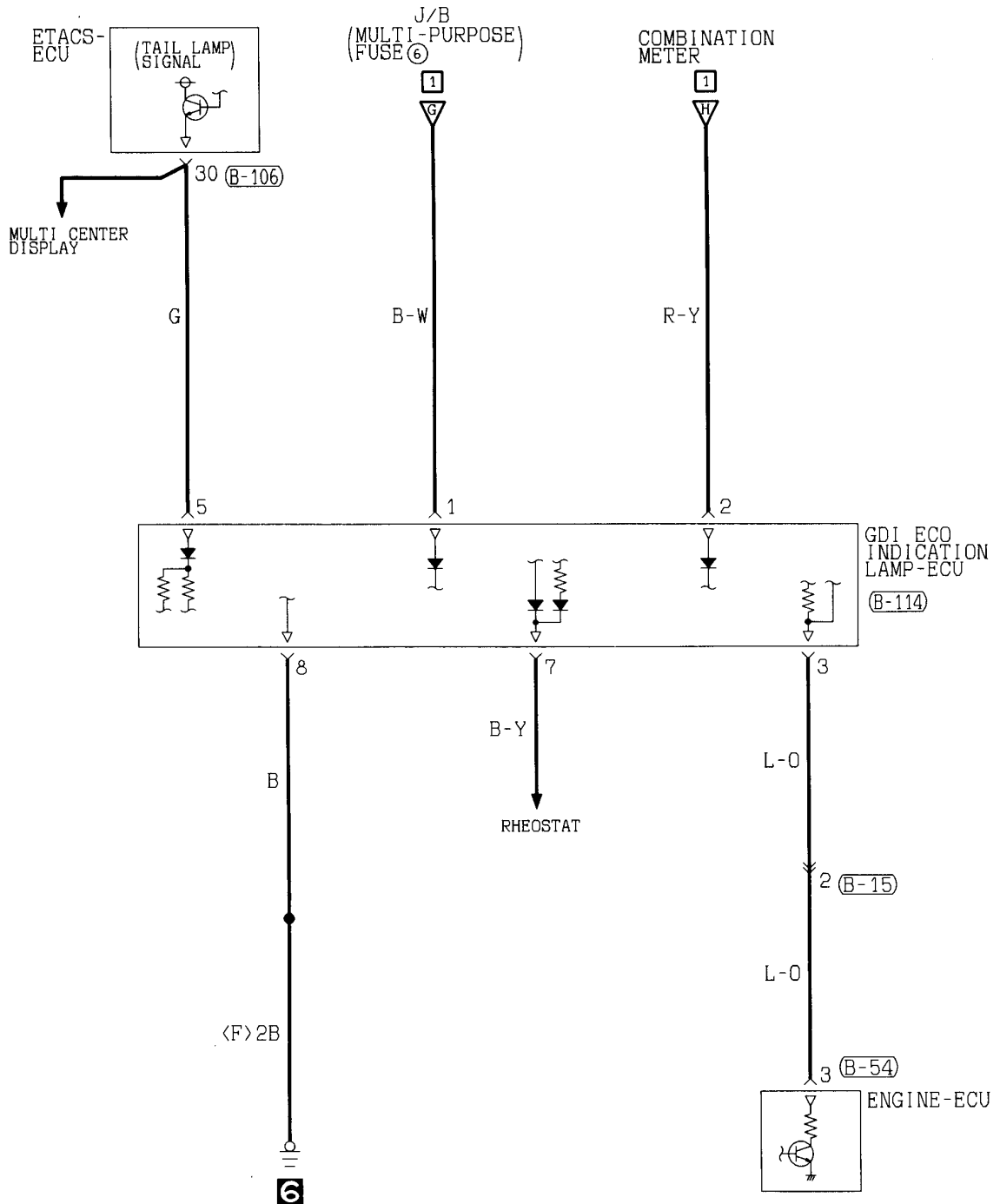


(B-04)	(B-14)	(B-24) FRONT SIDE	(B-25) FRONT SIDE	(B-51)	(B-52)																																																																																		
<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Refer to P. 4-50	<table border="1"> <tr><td>25</td><td>24</td><td>23</td><td>22</td><td>21</td></tr> <tr><td>32</td><td>31</td><td>30</td><td>29</td><td>28</td><td>27</td><td>26</td></tr> </table>	25	24	23	22	21	32	31	30	29	28	27	26	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr> <tr><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	<table border="1"> <tr><td>71</td><td>72</td><td>73</td><td>74</td><td>75</td><td>76</td><td>77</td><td>78</td><td>79</td><td>80</td><td>81</td></tr> <tr><td>82</td><td>83</td><td>84</td><td>85</td><td>86</td><td>87</td><td>88</td><td>89</td><td>90</td><td>91</td><td>92</td></tr> </table>	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	<table border="1"> <tr><td>51</td><td>52</td><td>53</td><td>54</td><td>55</td><td>56</td></tr> <tr><td>57</td><td>58</td><td>59</td><td>60</td><td>61</td><td>62</td></tr> </table>	51	52	53	54	55	56	57	58	59	60	61	62
1	2	3	4	5	6	7	8	9	10																																																																														
11	12	13	14	15	16	17	18	19	20																																																																														
25	24	23	22	21																																																																																			
32	31	30	29	28	27	26																																																																																	
1	2	3	4	5	6	7	8																																																																																
9	10	11	12	13	14	15	16																																																																																
71	72	73	74	75	76	77	78	79	80	81																																																																													
82	83	84	85	86	87	88	89	90	91	92																																																																													
51	52	53	54	55	56																																																																																		
57	58	59	60	61	62																																																																																		

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

ENGINE CONTROL SYSTEM <4G64-GDI (R.H. drive vehicles)> (CONTINUED)

13



(B-15)

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	

(B-54)

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

(B-106)

21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

(B-114)

1	2	3	4
5	6	7	8

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

G :Green GR:Gray

L :Blue R :Red

W :White P :Pink

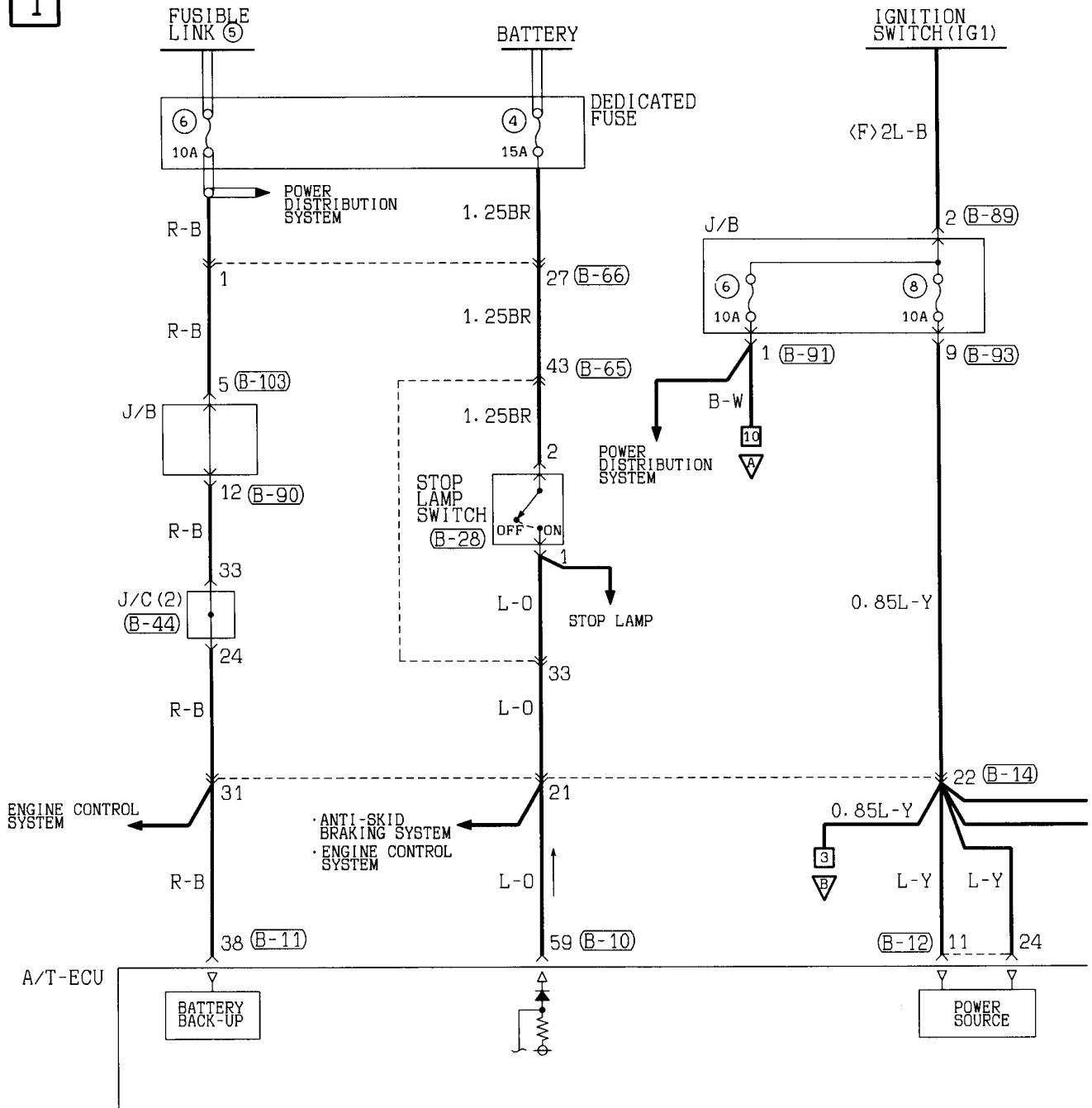
Y :Yellow V :Violet

SB:Sky blue

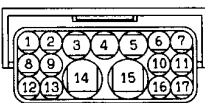
NOTES

INVECS-II 4A/T
GDI

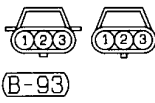
1



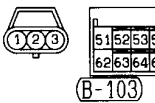
(A-28)



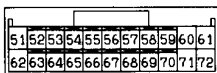
(A-82)



(A-90)



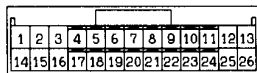
(B-10)



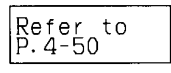
(B-11)



(B-12)

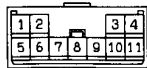


(B-14)

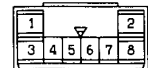


Refer to P. 4-50

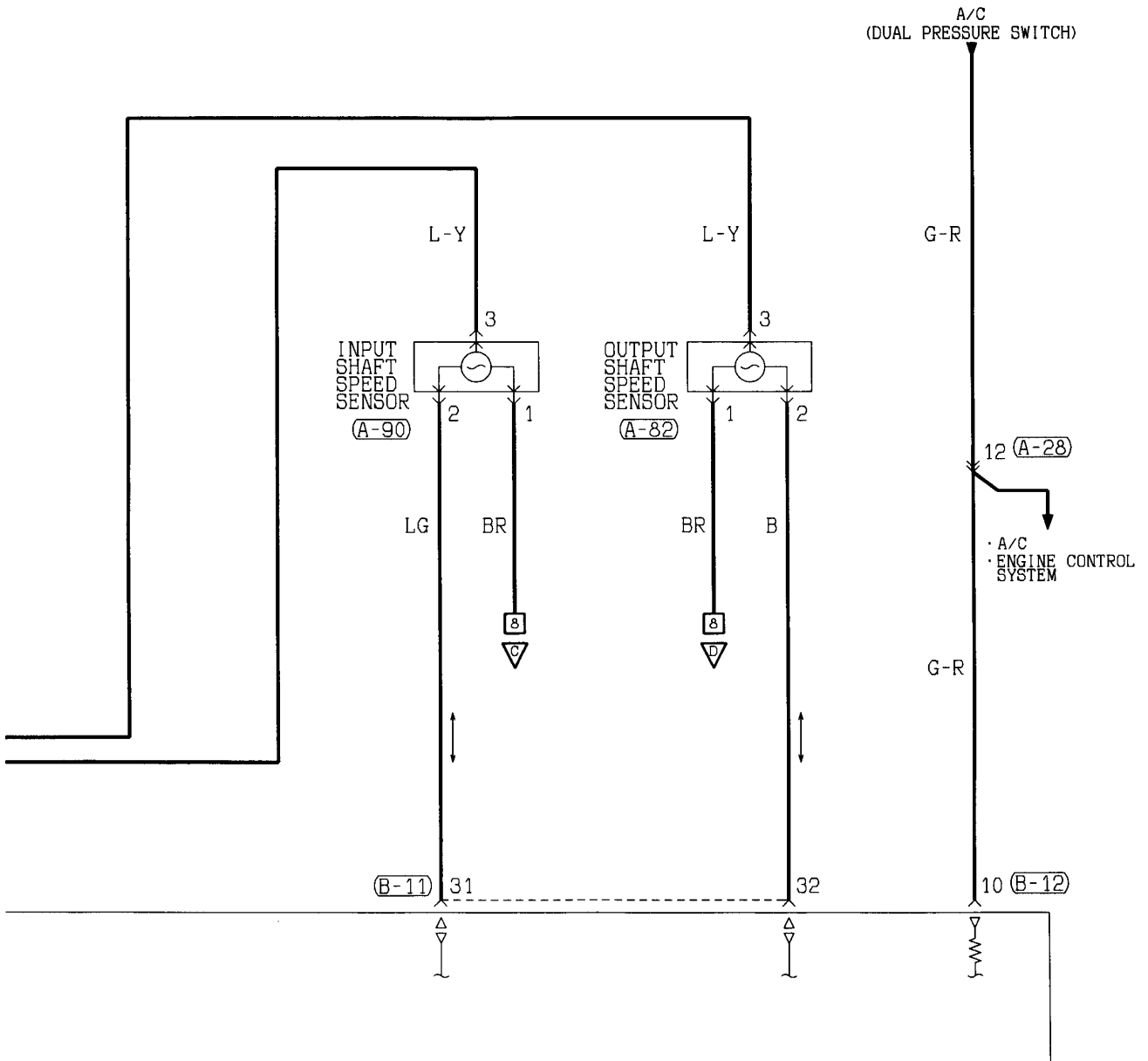
(B-93)



(B-103)



2



(B-28)

1	2
3	4

(B-44)

1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	33

(B-65)

Refer to P. 4-50

(B-66)

Refer to P. 4-50

(B-89)

1	2
3	4
5	6

(B-90)

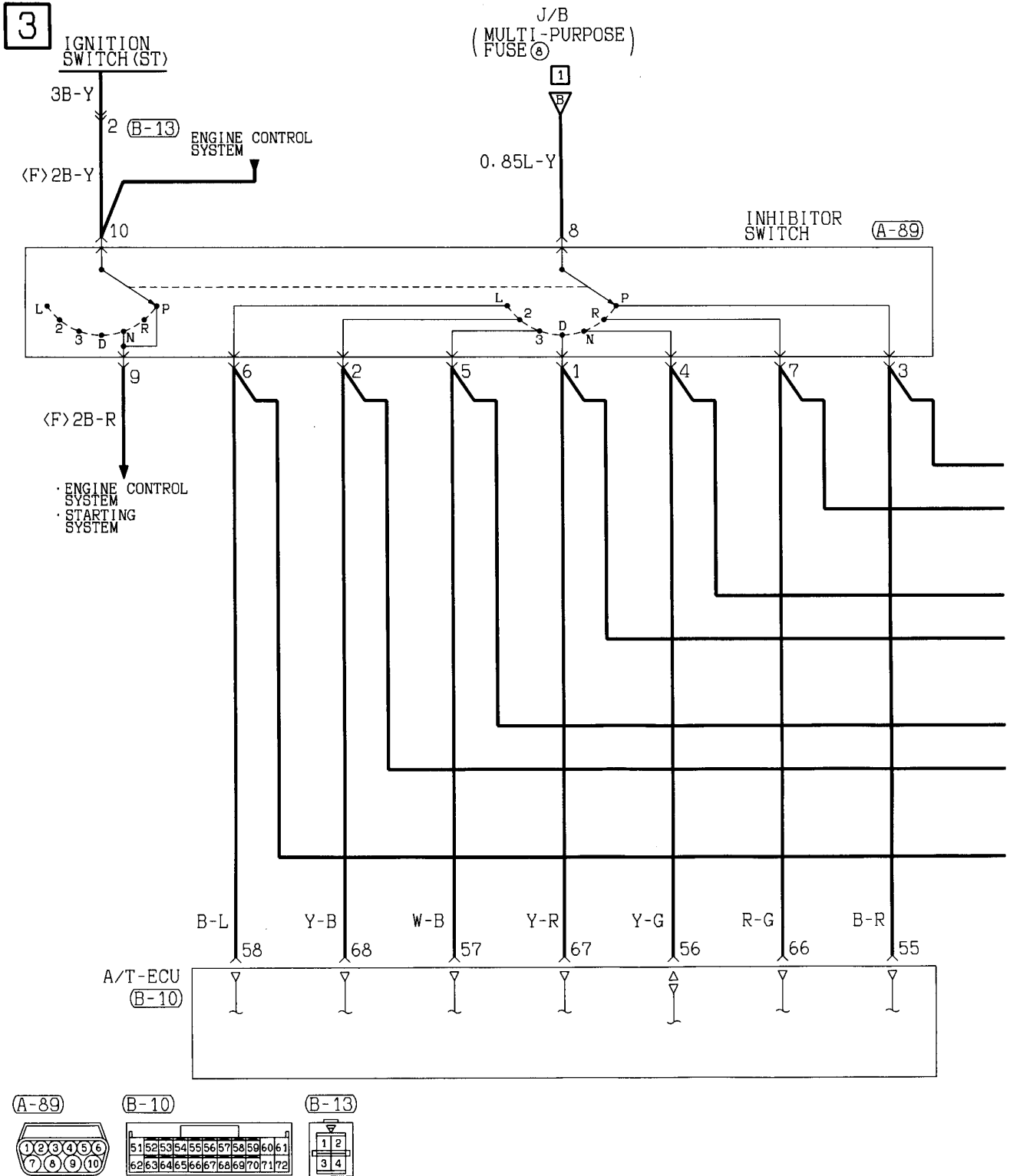
1	2	3	4	5
6	7	8	9	10
11	12	13		

(B-91)

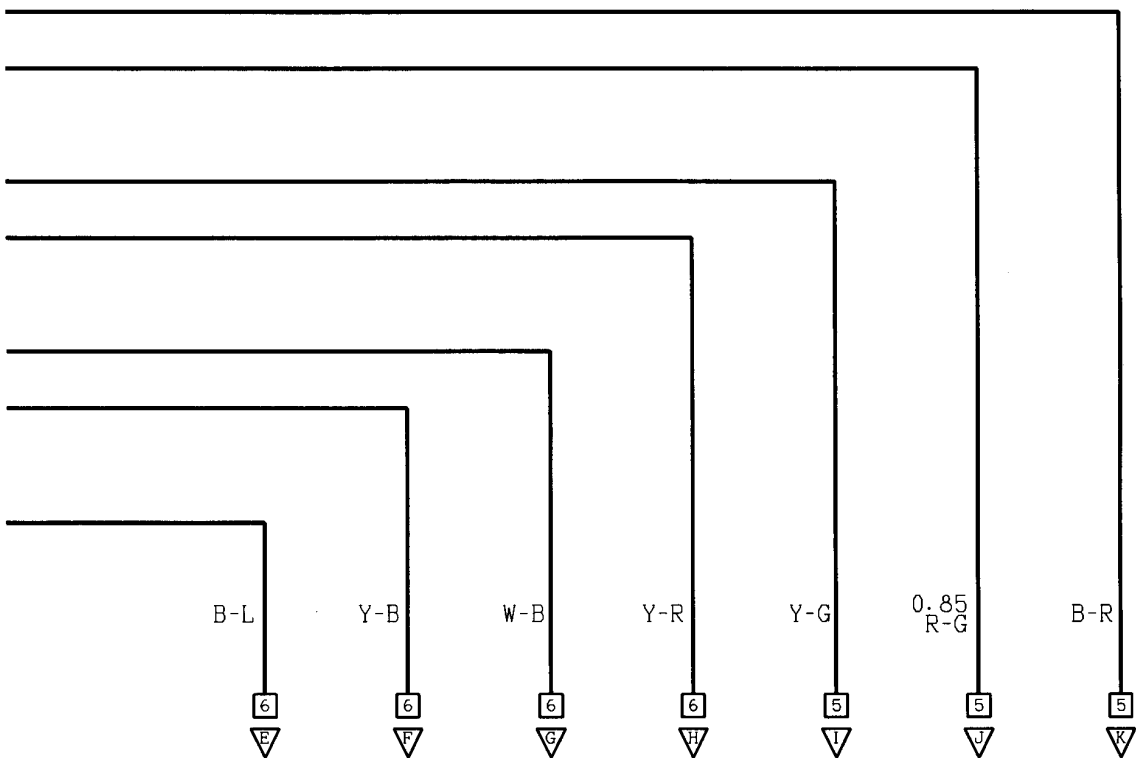
1	2	3	4	5
6	7	8	9	10
11	12	13		

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

INVECS-II 4A/T <GDI> (CONTINUED)



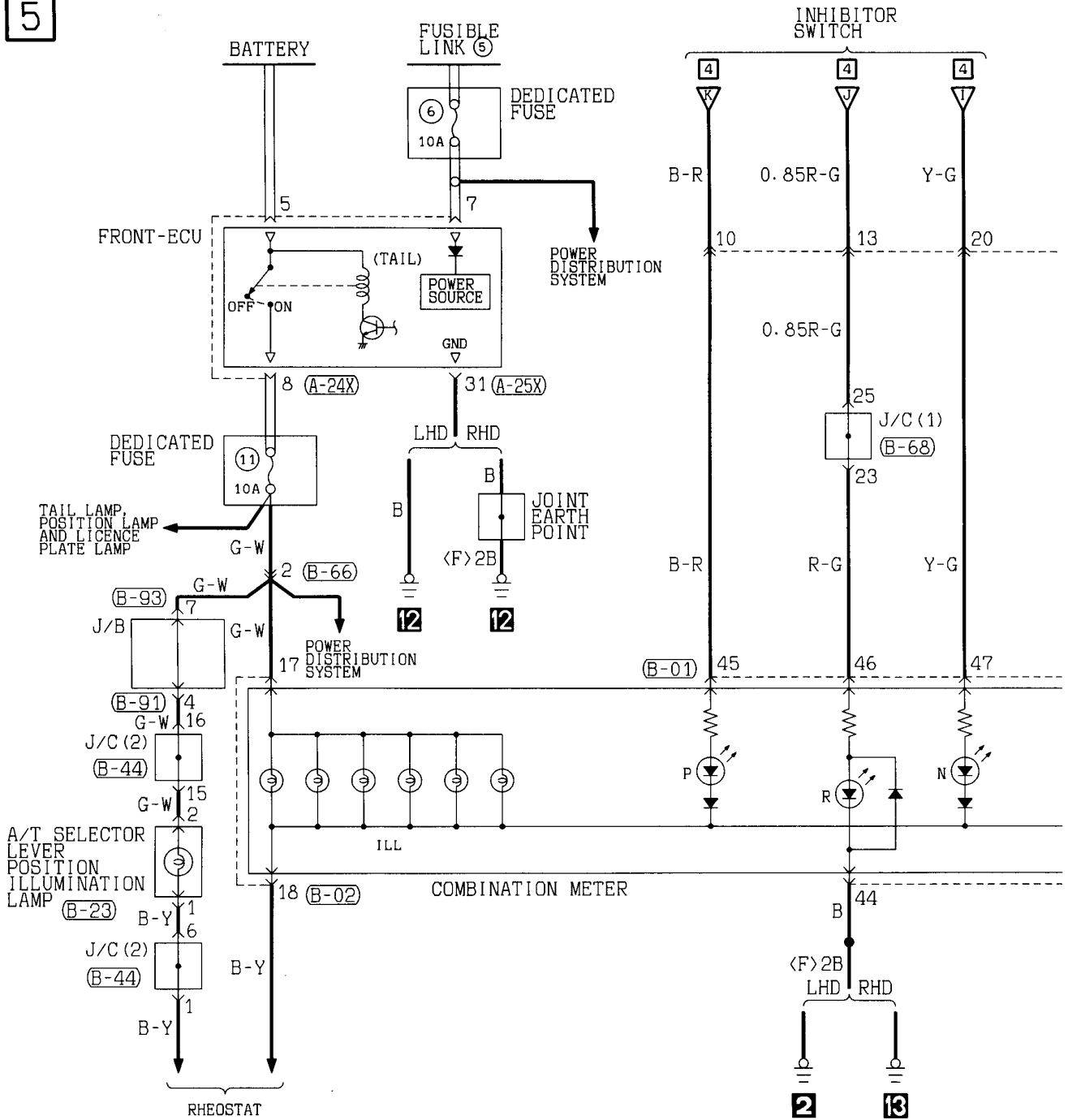
4



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

INVECS-II 4A/T <GDI> (CONTINUED)

5



(A-24X)

1	2	3	4	5	6	7	8	9	10	11
---	---	---	---	---	---	---	---	---	----	----

(A-25X)

21	22	23	24	25	26	27	28	29	30	31
----	----	----	----	----	----	----	----	----	----	----

(B-01)

31	32	33	34	35	36	37	38
39							
40	41	42	43	44	45	46	47

(B-02)

1	2	3	4	5	6	7	8	9	10	11	12
13											
14	15	16	17	18	19	20	21	22	23	24	25

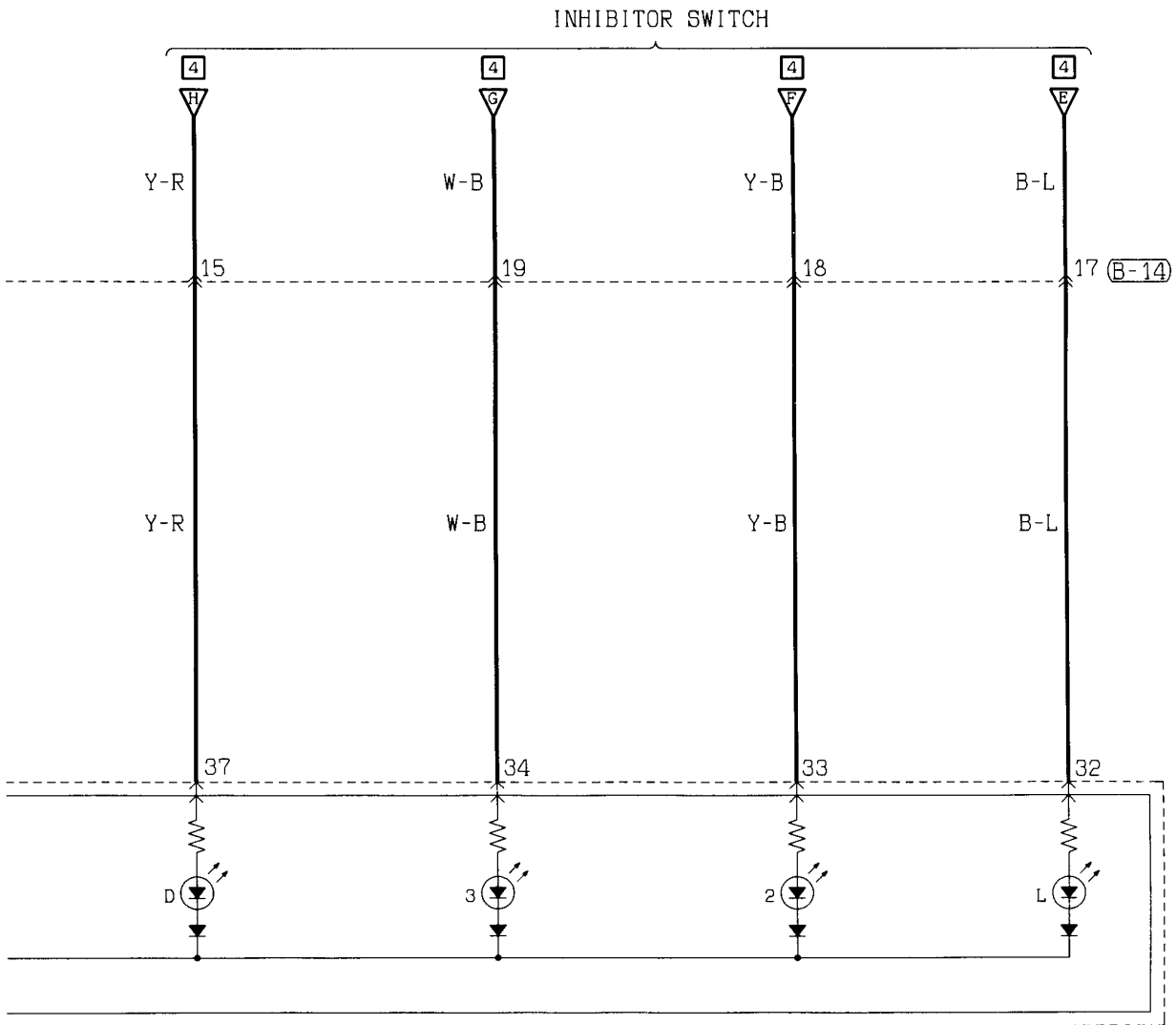
(B-14)

1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	

Wire colour code
 B : Black LG : Light green
 BR : Brown O : Orange
 W : White SB : Sky blue
 V : Violet

G : Green L : Blue
 GR : Gray R : Red
 P : Pink Y : Yellow

6



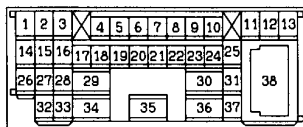
(B-23)



(B-44)



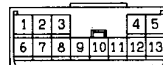
(B-66)



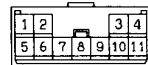
(B-68)



(B-91)

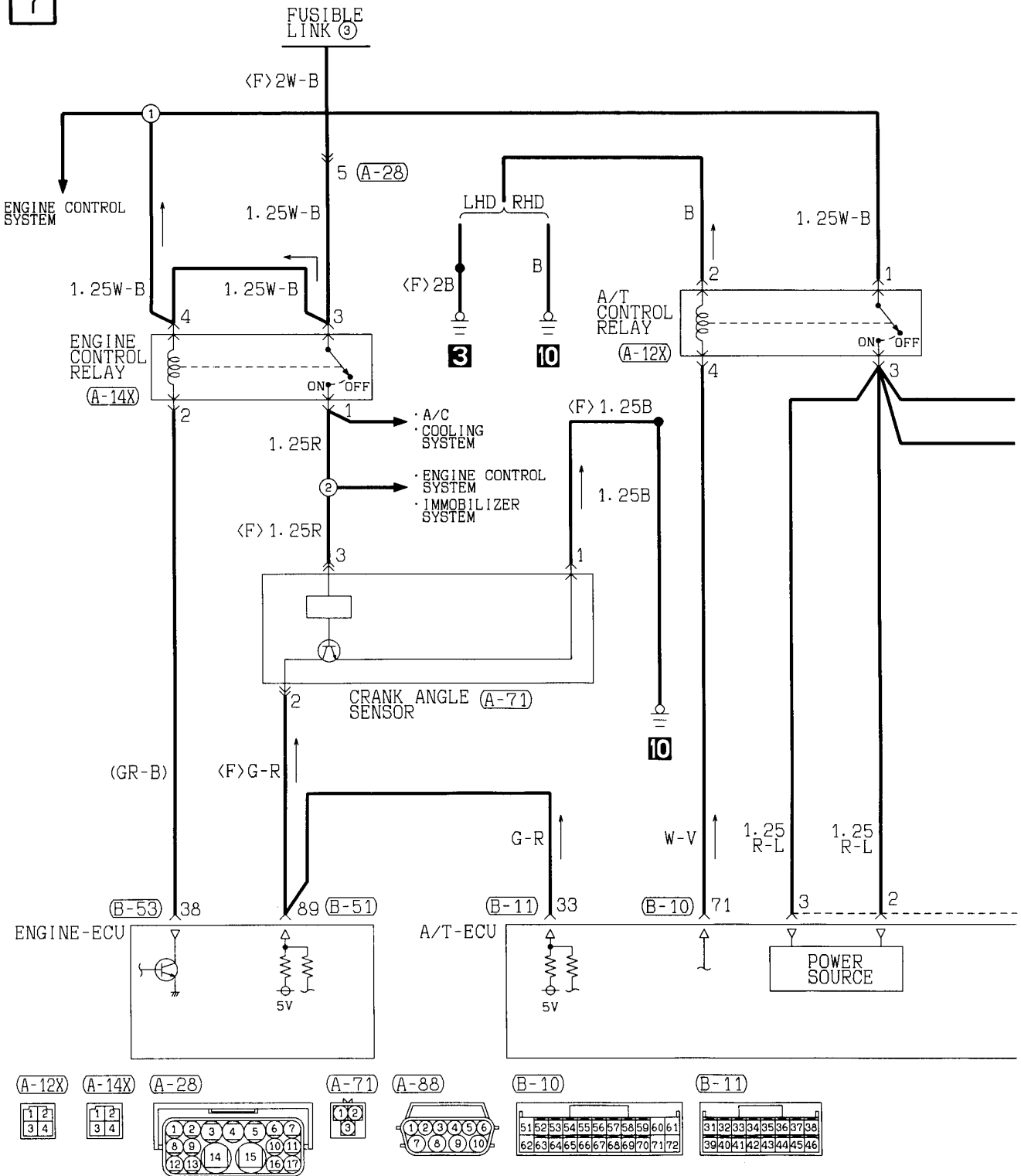


(B-93)



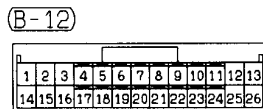
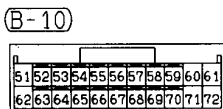
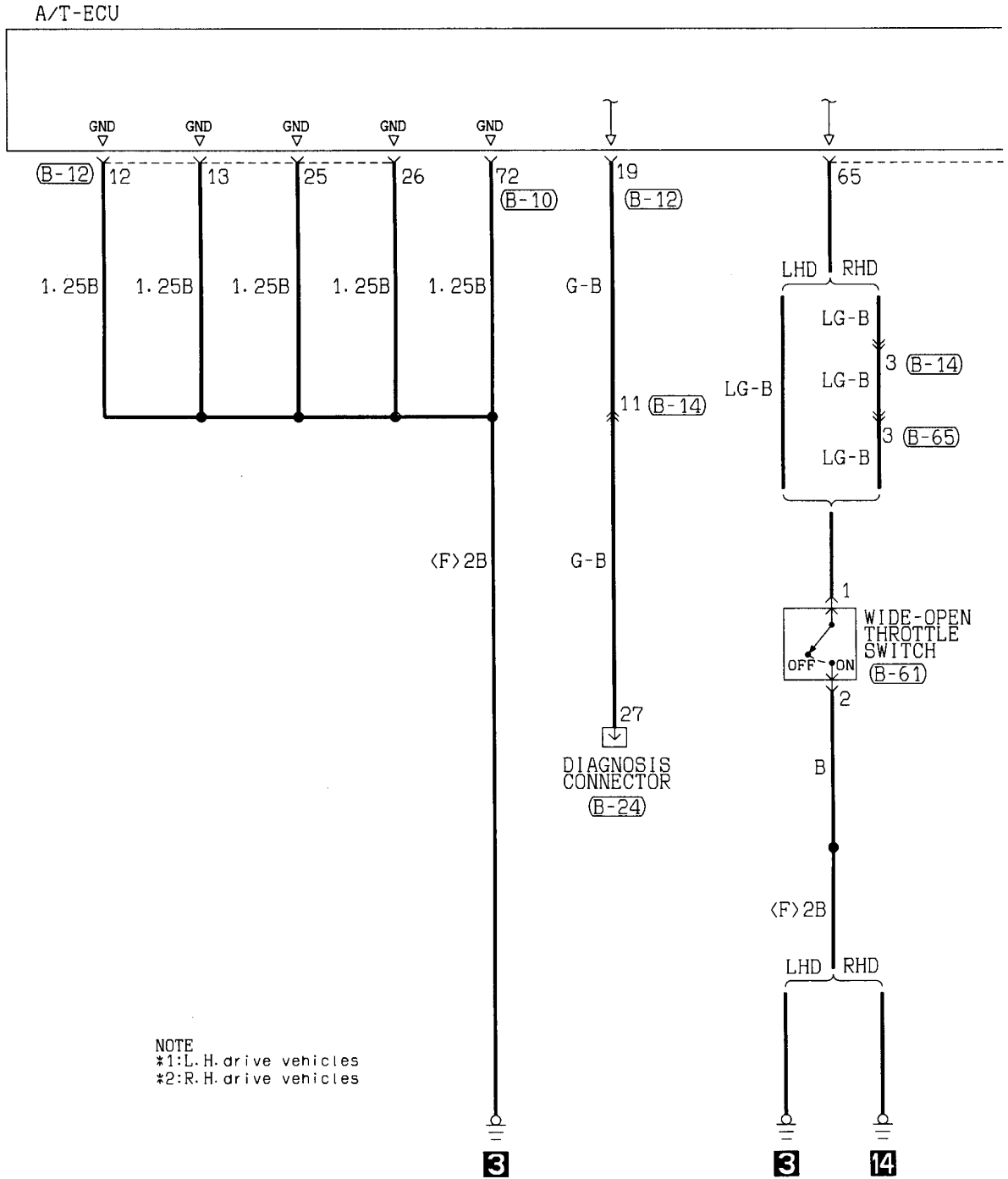
INVECS-II 4A/T <GDI> (CONTINUED)

7

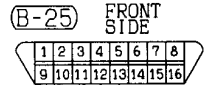
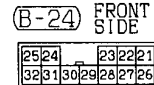


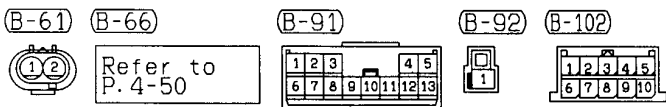
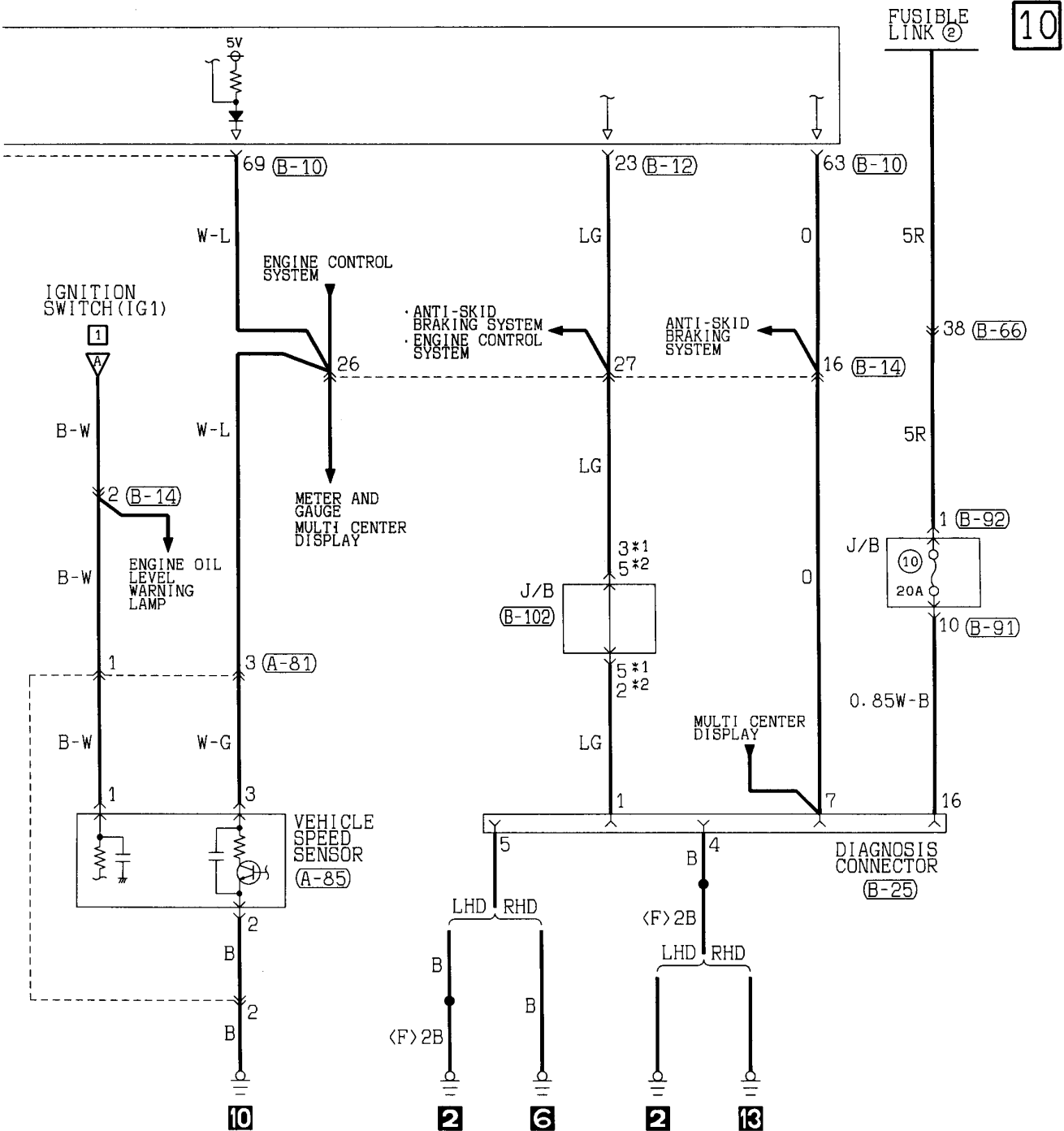
INVECS-II 4A/T <GDI> (CONTINUED)

9



(B-14) Refer to P. 4-50

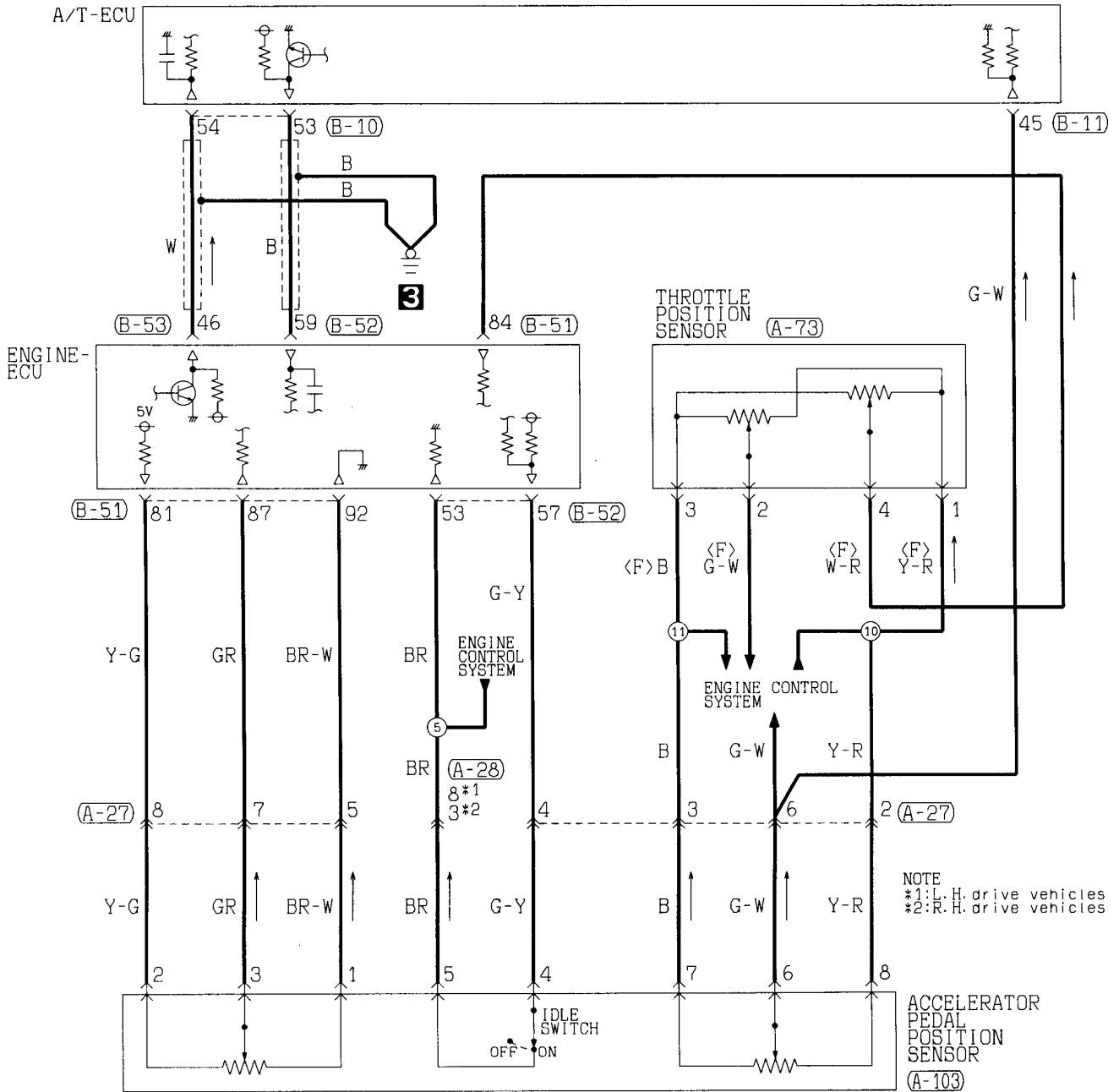




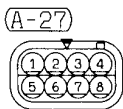
Wire colour code
 B:Black LG:Light green G:Green L:Blue W:White Y:Yellow SB:Sky blue
 BR:Brown O:Orange GR:Gray R:Red P:Pink V:Violet

INVECS-II 4A/T <GDI> (CONTINUED)

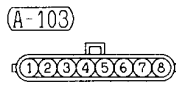
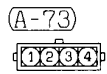
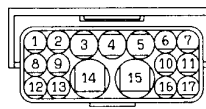
11



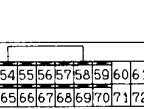
NOTE
 *1:L.H. drive vehicles
 *2:R.H. drive vehicles



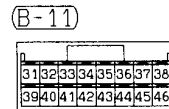
A-28



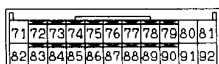
B-10



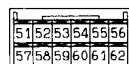
B-11



B-51



B-52



B-53



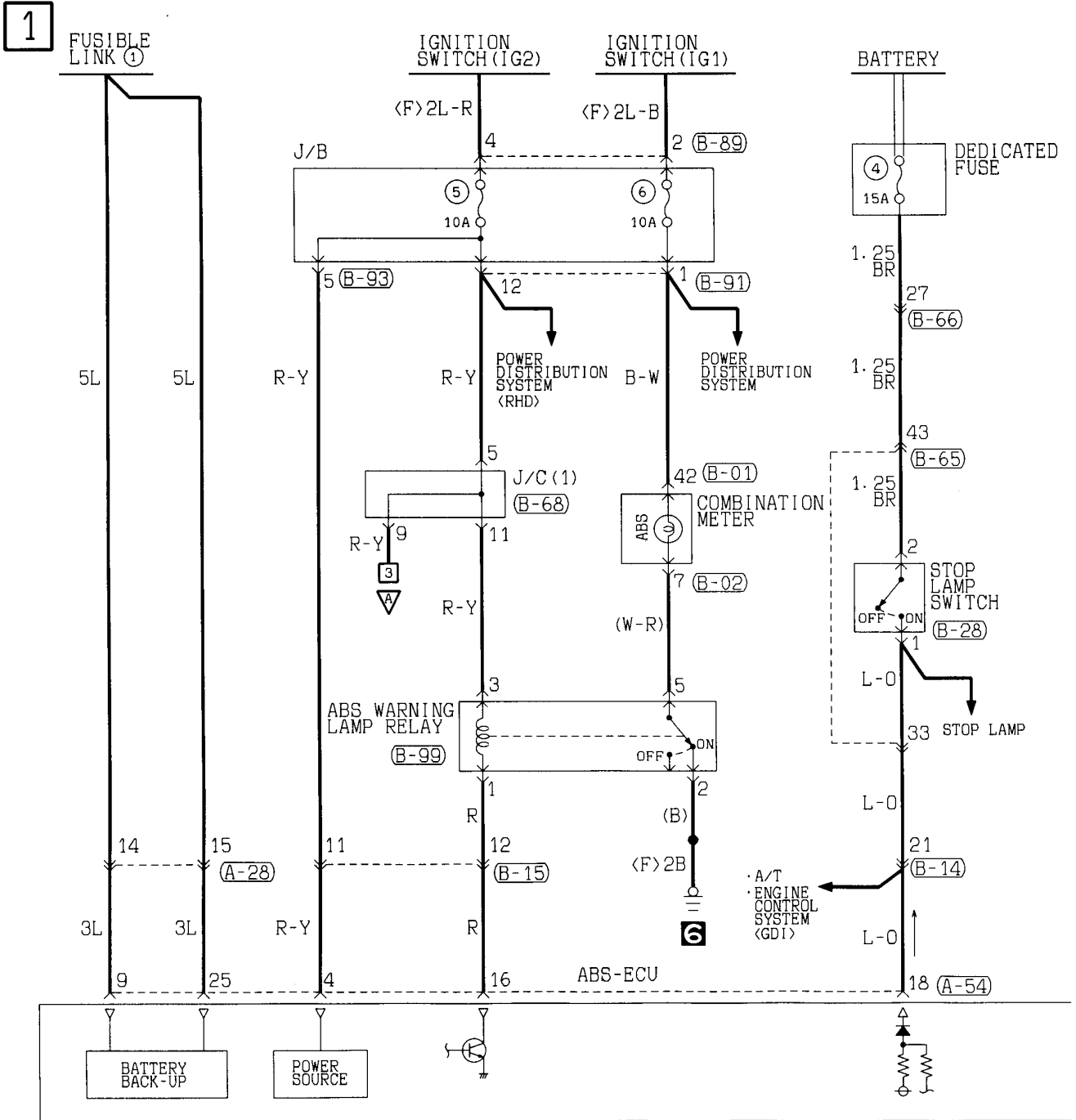
Wire colour code
 B :Black
 LG:Light green
 BR:Brown
 O :Orange
 W :White
 V :Violet

G :Green
 GR:Gray
 P :Pink
 SB:Sky blue

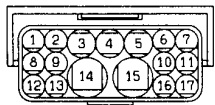
L :Blue
 R :Red
 Y :Yellow

NOTES

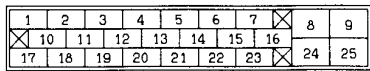
ANTI-SKID BRAKING SYSTEM (ABS)



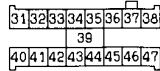
(A-28)



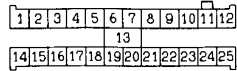
(A-54)



(B-01)



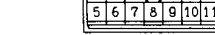
(B-02)



(B-28)



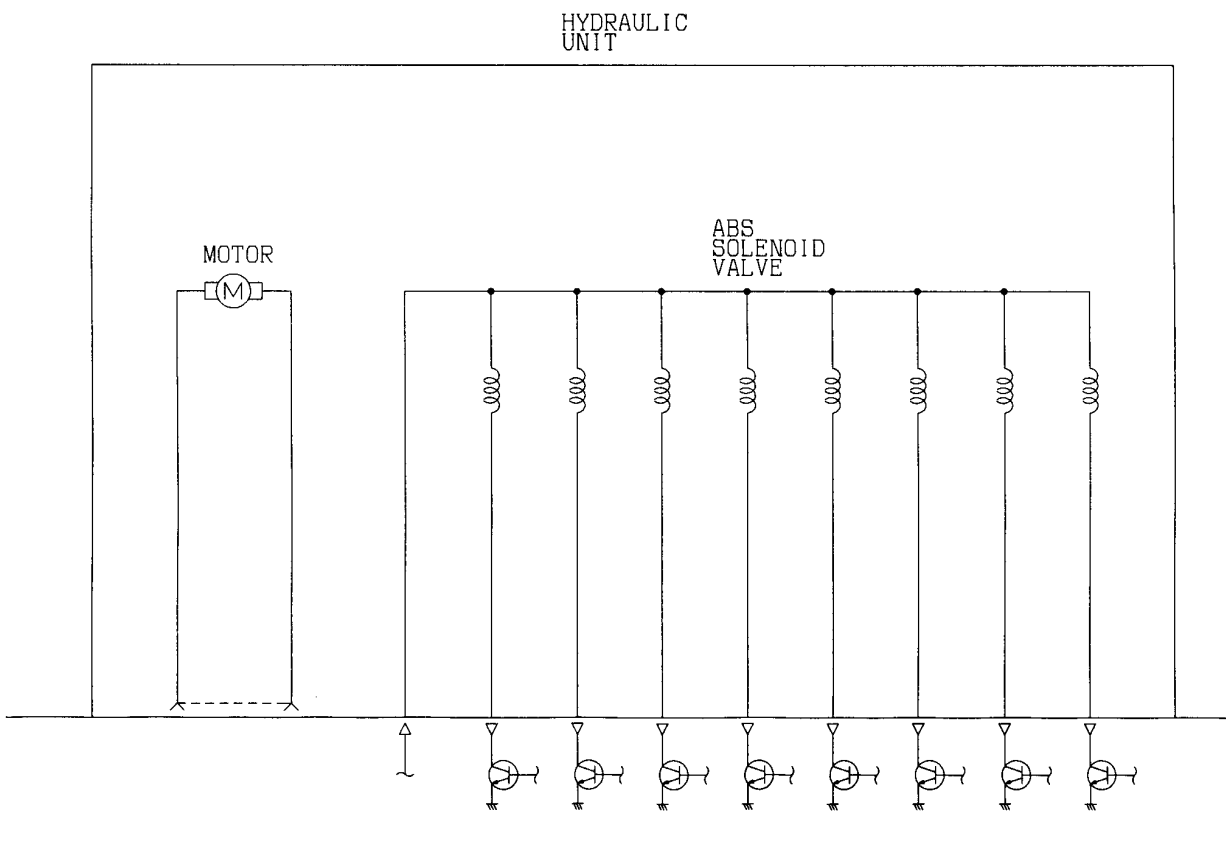
(B-93)



(B-99)



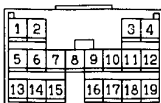
2



(B-14)

Refer to
P. 4-122

(B-15)



(B-65)

Refer to
P. 4-122

(B-66)

Refer to
P. 4-122

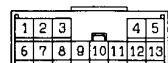
(B-68)



(B-89)



(B-91)

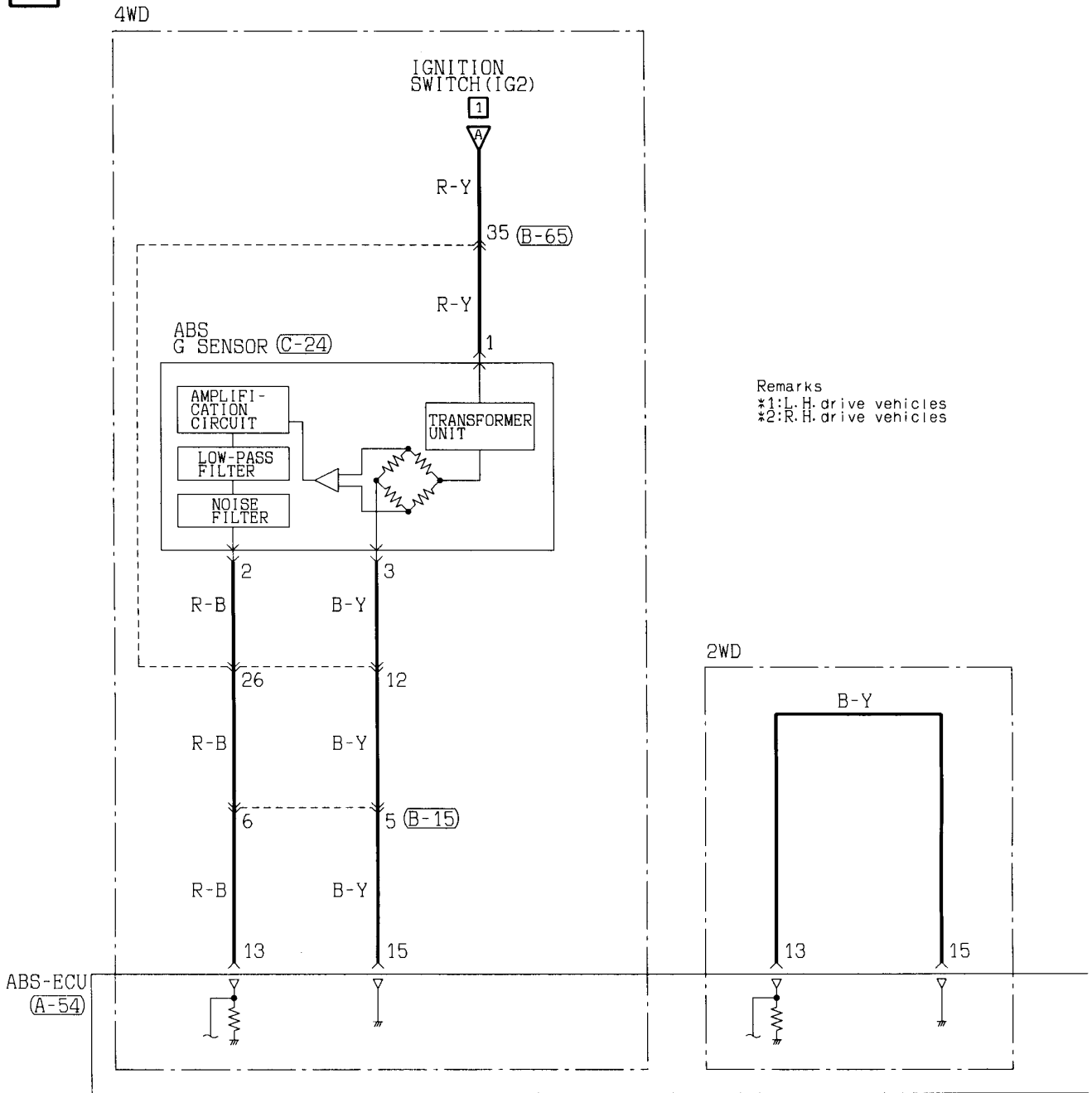


Wire colour code

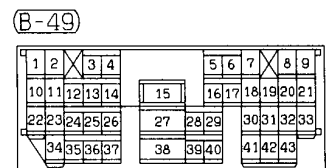
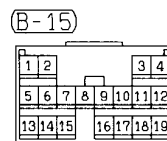
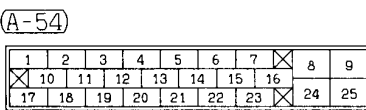
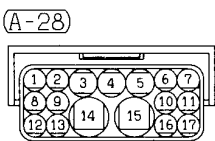
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue
 BR : Brown O : Orange GR : Gray R : Red P : Pink V : Violet

ANTI-SKID BRAKING SYSTEM (ABS) (CONTINUED)

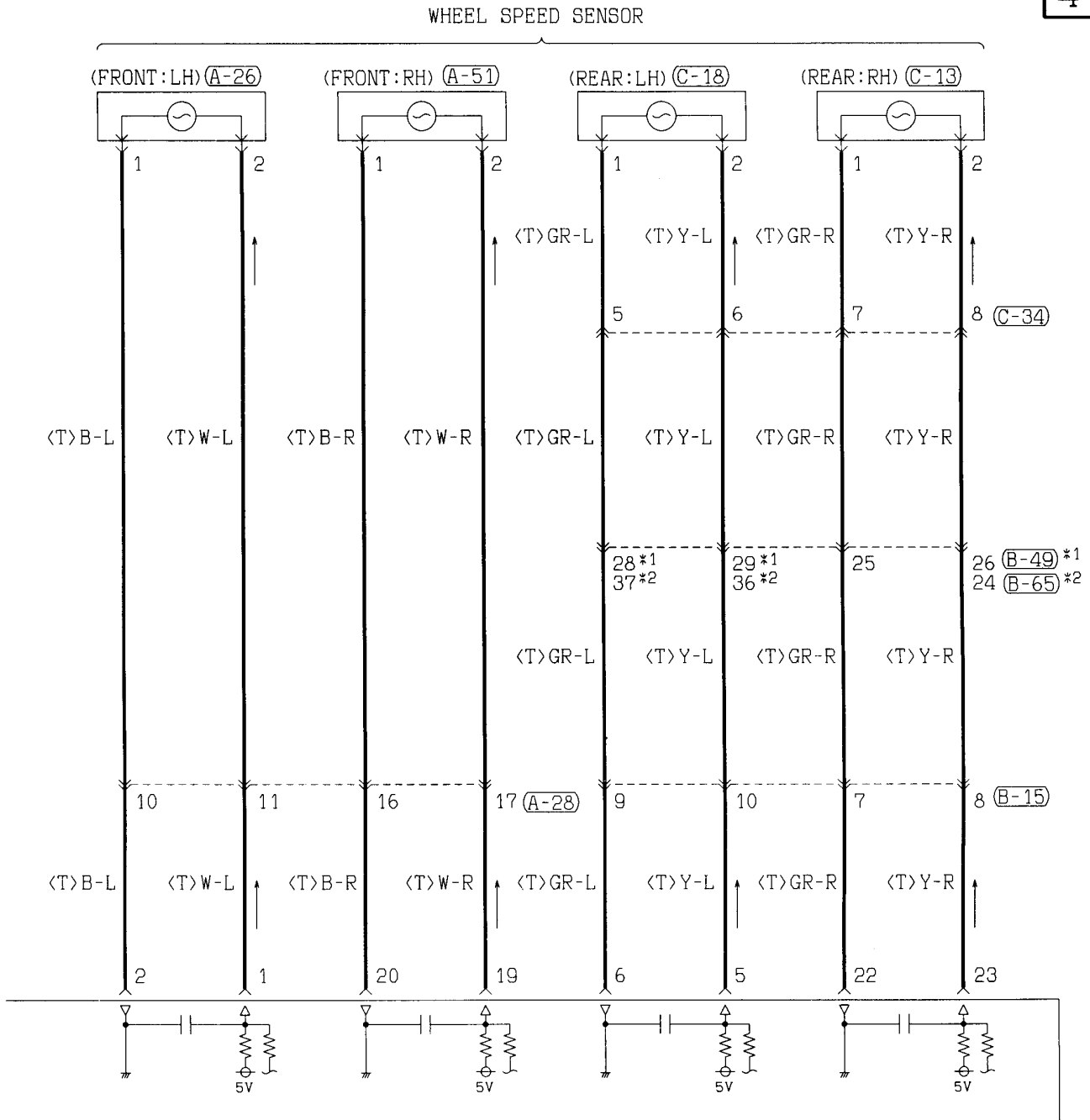
3



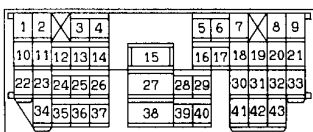
Remarks
 *1: L. H. drive vehicles
 *2: R. H. drive vehicles



4



(B-65)

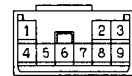


(C-13)

(C-18)

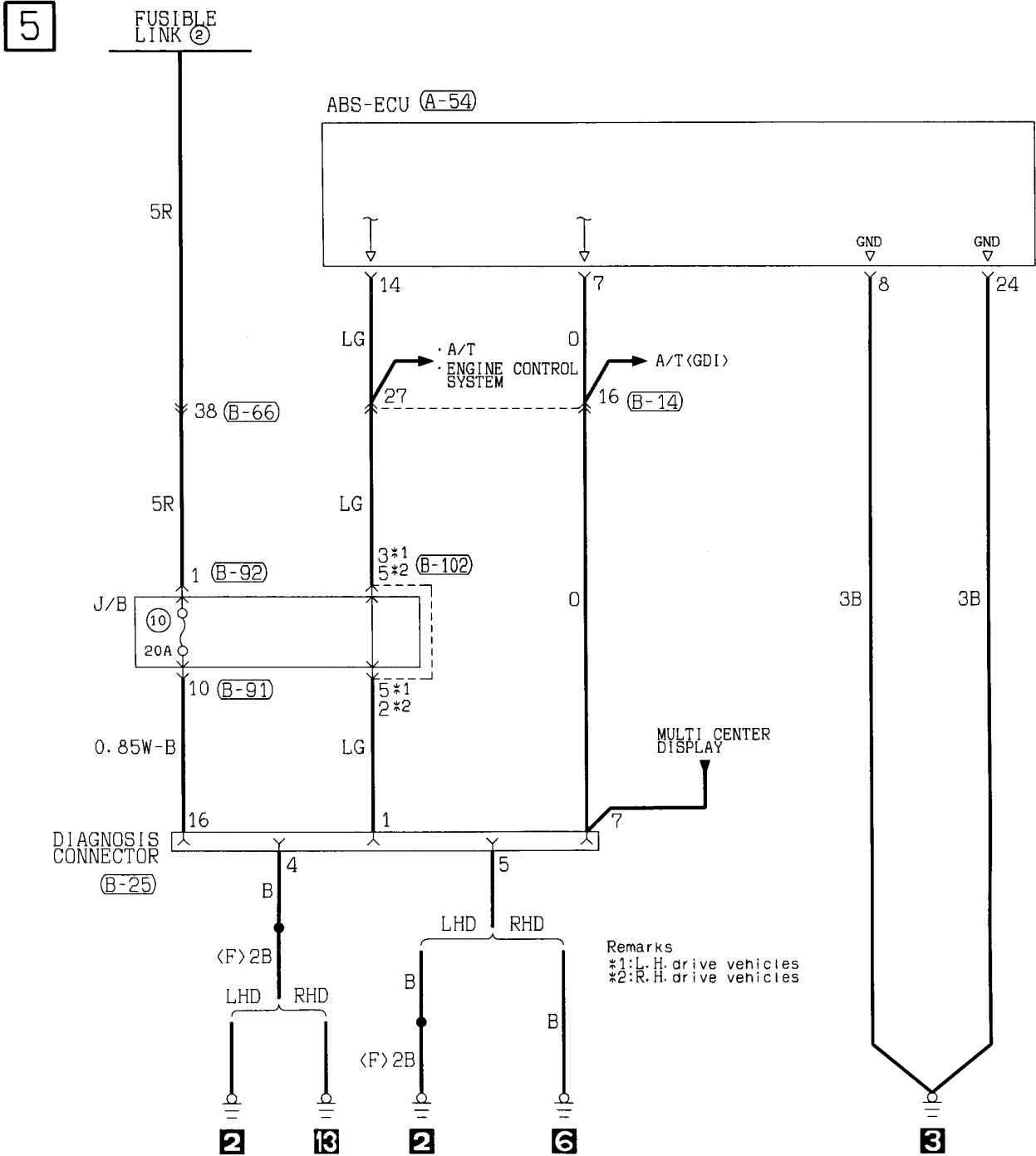
(C-24)

(C-34)



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

ANTI-SKID BRAKING SYSTEM (ABS) (CONTINUED)



Remarks
 *1:L.H. drive vehicles
 *2:R.H. drive vehicles

(A-54)

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16		
17	18	19	20	21	22	23	24	25

(A-104)

1	2	3
4	5	

(B-01)

31	32	33	34	35	36	37	38
				39			
40	41	42	43	44	45	46	47

(B-02)

1	2	3	4	5	6	7	8	9	10	11	12
											13
14	15	16	17	18	19	20	21	22	23	24	25

(B-14)

1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	31	32	

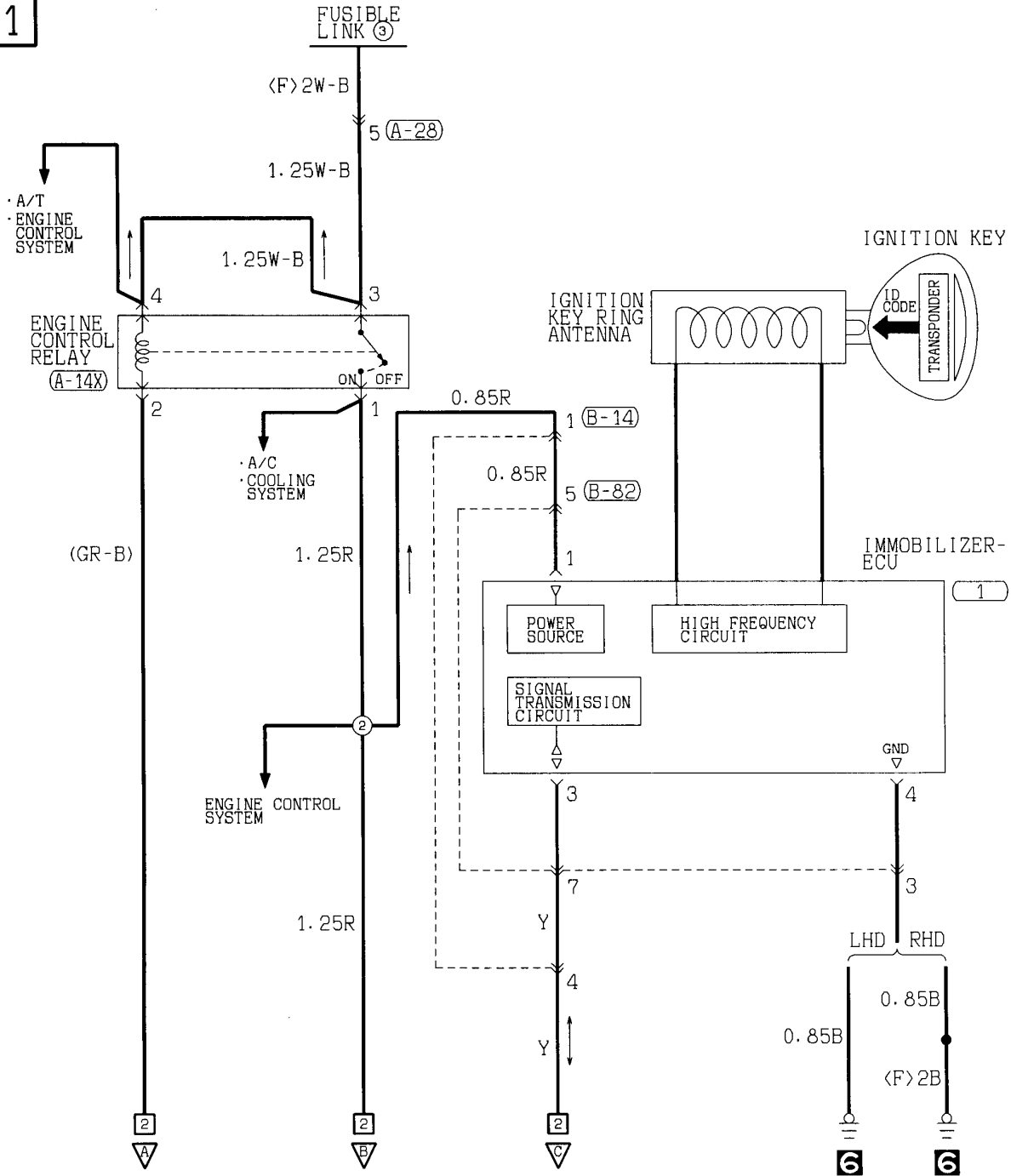
(B-102)

1	2	3	4	5
6	7	8	9	10

IMMOBILIZER SYSTEM

GDI

1



(A-14X)

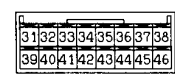
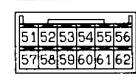
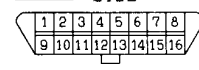
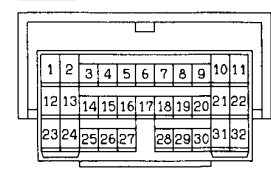
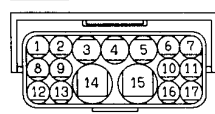
(A-28)

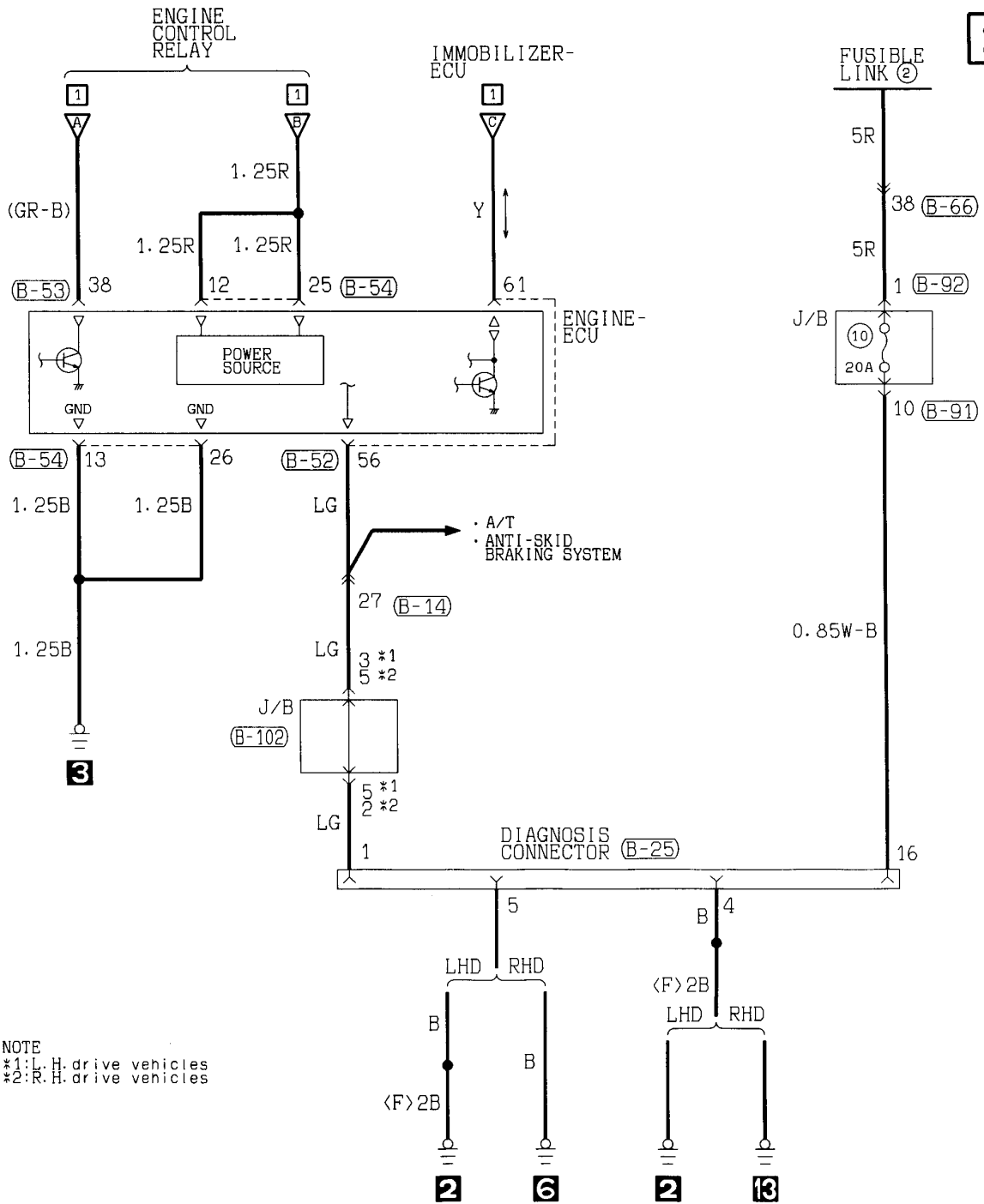
(B-14)

(B-25) FRONT SIDE

(B-52)

(B-53)





(B-54)

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

(B-66)

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	38
26	27	28	29	30	31	32	33	34	35	36	37	

(B-82)

1	2	3	4	5	6	7
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(B-91)

1	2	3	4	5
6	7	8	9	10
11	12	13		

(B-92)

1

(B-102)

1	2	3	4	5
6	7	8	9	10

(1)

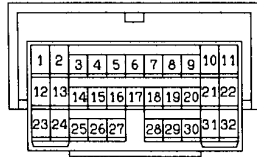
1	2	3	4
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Wire colour code
 B : Black LG: Light green
 BR: Brown O : Orange
 W : White SB: Sky blue
 V : Violet

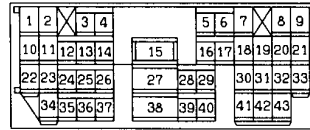
G : Green
 GR: Gray
 P : Pink

L : Blue
 R : Red
 Y : Yellow

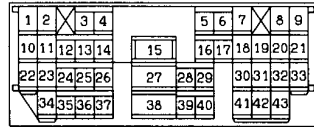
(B-14)



(B-49)



(B-65)



(B-66)

