

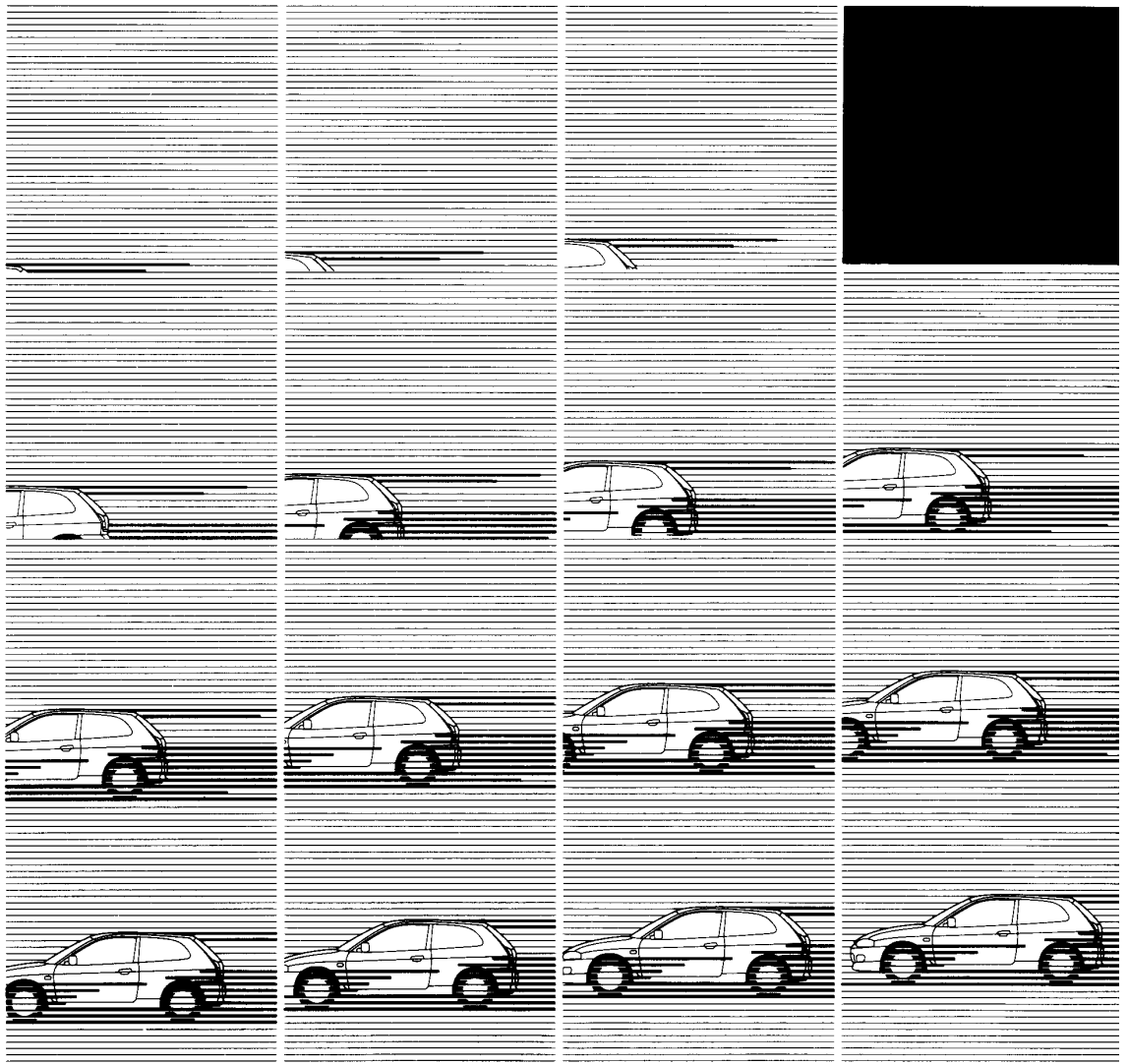


Workshop Manual

electrical wiring

SUPPLEMENT

COLT/LANCER '98



Pub. No. PHME9511-A

MITSUBISHI COLT/LANCER

ELECTRICAL WIRING SUPPLEMENT

FOREWORD

This publication is a supplement to the Electrical Wiring Manual Pub. No. PHME9511 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	PYME9501
WORKSHOP MANUAL	
ENGINE GROUP	PWEE□□□□ (Looseleaf edition)
CHASSIS GROUP	PWME9511 (Basic) PWME9511-A (Supplement)
BODY REPAIR MANUAL	PBME9501
ELECTRICAL WIRING	PHME9511
PARTS CATALOGUE	B606F008A□

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.



GROUP INDEX

OUTLINE OF CHANGES	■
HOW TO READ THE WIRING DIAGRAMS	1
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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.

OPERATION AND TROUBLESHOOTING HINTS

In the GROUP 4 circuit diagrams, the operation and troubleshooting hints are given on the previous page or following page for each circuit where necessary.

OUTLINE OF CHANGES

CONTENTS

WIRING HARNESS CONFIGURATION DIAGRAMS	2	CIRCUIT DIAGRAM	2
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WIRING HARNESS CONFIGURATION DIAGRAMS

Wiring harness configuration diagrams				Description of changes
Connector symbol	Name		Reference page	
A	ENGINE COMPARTMENT	4G92 <L.H. drive vehicles>	2-2	<ul style="list-style-type: none"> Air flow sensor connector (A-99) has been added in conjunction with changes to air flow sensors other than those in MVV engine.
		4G92 <R.H. drive vehicles>	2-6	
B	DASH PANEL	L.H. drive vehicles	2-10	<ul style="list-style-type: none"> Connector (B-28X) for front fog lamp relay has been added in conjunction with changes to fog lamp system. Diagnosis connector (B-88) was added. SRS-ECU connectors (B-89, B-90) have been added in conjunction with use of side air bag.
		R.H. drive vehicles	2-14	
C	INSTRUMENT PANEL	L.H. drive vehicles	2-18	<ul style="list-style-type: none"> In conjunction with changes to the fog lamp system, the name of connector (C-02) has been changed from front fog lamp switch to fog lamp switch, the number of connector poles has been changed, and the rear fog lamp switch (C-03) has been abolished.
		R.H. drive vehicles	2-19	
D	FLOOR AND ROOF	Hatchback <L.H. drive vehicles>	2-20	<ul style="list-style-type: none"> Connectors (D-27, D-30) for air bag module and connectors (D-28, D-29) for side impact sensor have been added in conjunction with use of side air bag.
		Hatchback <R.H. drive vehicles>	2-21	
		Sedan <L.H. drive vehicles>	2-22	
		Sedan <R.H. drive vehicles>	2-23	

SINGLE PART INSTALLATION POSITION

Location of changes	Reference page	Description of changes
RELAY	3-2	<ul style="list-style-type: none"> Front fog lamp relay has been added in conjunction with changes to fog lamp system.
SENSOR	3-2	<ul style="list-style-type: none"> Side impact sensor has been added in conjunction with use of side air bag.

CIRCUIT DIAGRAM

Circuit diagrams			Description of changes
Main title	Subtitle	Reference page	
CENTRALIZED JUNCTION	-	4-3	<ul style="list-style-type: none"> In conjunction with changes to the fog lamp system, the capacity of dedicated fuse No. 9 has been changed from 15 (A) to 20 (A) and front fog lamp relay was added.

Circuit diagrams			Description of changes
Main title	Subtitle	Reference page	
POWER DISTRIBUTION SYSTEM	Vehicles with daytime running lamp	4-4	<ul style="list-style-type: none"> • Circuitry of dedicated fuse No. 9 has been changed in conjunction with changes to the fog lamp system.
	Vehicles without daytime running lamp	4-10	
MPI SYSTEM	4G13 <L.H. drive vehicles>	4-16	<ul style="list-style-type: none"> • Diagnosis connector circuitry has been changed.
	4G13 <R.H. drive vehicles>	4-24	
	4G92 <L.H. drive vehicles>	4-32	<ul style="list-style-type: none"> • Diagnosis connector circuitry has been changed. • Air flow sensors other than those in MVV engine have been changed.
	4G92 <R.H. drive vehicles>	4-40	
ELC 4-SPEED AUTOMATIC TRANSMISSION	L.H. drive vehicles	4-48	<ul style="list-style-type: none"> • Diagnosis connector circuitry has been changed.
	R.H. drive vehicles	4-56	
HEADLAMP	Vehicles with daytime running lamp	4-64	<ul style="list-style-type: none"> • In conjunction with changes to the fog lamp system, diodes have been abolished.
	Vehicles without daytime running lamp	4-68	
FRONT FOG LAMP	Vehicles with daytime running lamp	4-72	<ul style="list-style-type: none"> • In conjunction with changes to the fog lamp switch, circuitry has been changed.
	L.H. drive vehicles without daytime running lamp	4-76	
	R.H. drive vehicles	4-80	
REAR FOG LAMP	Vehicles with daytime running lamp	4-84	
	L.H. drive vehicles without daytime running lamp	4-88	
	R.H. drive vehicles	4-92	
CENTRAL DOOR LOCKING SYSTEM	L.H. drive vehicles	4-96	<ul style="list-style-type: none"> • Power supply circuitry of diagnosis connector has been changed.
	R.H. drive vehicles	4-98	
ANTI-SKID BRAKING SYSTEM (ABS)	L.H. drive vehicles	4-100	
	R.H. drive vehicles	4-106	
IMMOBILIZER SYSTEM	–	4-112	
SUPPLEMENTAL RESTRAINT SYSTEM (SRS)	Vehicles without side air bag	4-114	<ul style="list-style-type: none"> • In conjunction with use of side air bag, circuitry has been newly arranged.
	Vehicles with side air bag	4-116	

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 in this manual.
 (2) R (Revised) : This circuit has been changed, and is included in this manual.
 (3) D (Deleted) : This circuit has been deleted in this manual.
 (4) I (Included) : This circuit is included in this manual.
 (5) N (Not included) : This circuit is not included in this manual.
 (6) P (Previous manual) : This circuit is not included in this manual, because it has not been changed. Refer to the previous manuals.

Main circuit	Circuit classifications	Pub. No. PHME9511 (Basic)	Pub. No. PHME9511-A (Supplement)
JUNCTION BLOCK (J/B)	–	I	P
JOINT CONNECTOR (J/C)	–	I	P
CENTRALIZED JUNCTION	–	I	R
POWER DISTRIBUTION SYSTEM	Vehicles with daytime running lamp	I	R
	Vehicles without daytime running lamp	I	R
STARTING SYSTEM	–	I	P
IGNITION SYSTEM	4G13	I	P
	4G92	I	P
CHARGING SYSTEM	–	I	P
MPI SYSTEM	4G13 <L.H. drive vehicles>	I	R
	4G13 <R.H. drive vehicles>	I	R
	4G92 <L.H. drive vehicles>	I	R
	4G92 <R.H. drive vehicles>	I	R
COOLING SYSTEM	–	I	P
ELC 4-SPEED AUTOMATIC TRANSMISSION	L.H. drive vehicles	I	R
	R.H. drive vehicles	I	R
HEADLAMP	Vehicles with daytime running lamp	I	R
	Vehicles without daytime running lamp	I	R
TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP	Hatchback <Vehicles with daytime running lamp>	I	P
	Hatchback <Vehicles without daytime running lamp>	I	P
	Sedan <Vehicles with daytime running lamp>	I	P
	Sedan <Vehicles without daytime running lamp>	I	P

OUTLINE OF CHANGES – Table of Circuit Diagrams

Main circuit	Circuit classifications	Pub. No. PHME9511 (Basic)	Pub. No. PHME9511-A (Supplement)
FRONT FOG LAMP	Vehicles with daytime running lamp	I	R
	L.H. drive vehicles without daytime running lamp	I	R
	R.H. drive vehicles	I	R
REAR FOG LAMP	Vehicles with daytime running lamp	I	R
	L.H. drive vehicles without daytime running lamp	I	R
	R.H. drive vehicles	I	R
ROOM LAMP AND LUGGAGE COMPARTMENT LAMP	Hatchback	I	P
	Sedan	I	P
HEADLAMP LEVELING SYSTEM	Hatchback <L.H. drive vehicles>	I	P
	Hatchback <R.H. drive vehicles>	I	P
	Sedan <L.H. drive vehicles>	I	P
	Sedan <R.H. drive vehicles>	I	P
TURN-SIGNAL LAMP AND HAZARD WARNING LAMP	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
STOP LAMP	Hatchback	I	P
	Sedan	I	P
BACK-UP LAMP	–	I	P
HORN	Vehicles with SRS	I	P
	Vehicles without SRS	I	P
METER AND GAUGE	–	I	P
FUEL WARNING LAMP	–	I	P
OIL PRESSURE WARNING LAMP	–	I	P
BRAKE WARNING LAMP	–	I	P
CENTRAL DOOR LOCKING SYSTEM	L.H. drive vehicles	I	R
	R.H. drive vehicles	I	R
POWER WINDOWS	Hatchback	I	P
	Sedan	I	P
HEATER	–	I	P
AIR CONDITIONER	–	I	P
WINDSHIELD WIPER AND WASHER	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P

Main circuit	Circuit classifications	Pub. No. PHME9511 (Basic)	Pub. No. PHME9511-A (Supplement)
REAR WIPER AND WASHER	–	I	P
HEADLAMP WASHER	–	I	P
DEFOGGER AND DOOR MIRROR HEATER	–	I	P
REMOTE CONTROLLED MIRROR	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
RADIO AND TAPE PLAYER	–	I	P
CLOCK	L.H. drive vehicles	I	P
	R.H. drive vehicles	I	P
CIGARETTE LIGHTER	–	I	P
ANTI-SKID BRAKING SYSTEM (ABS)	L.H. drive vehicles	I	R
	R.H. drive vehicles	I	R
SUNROOF	–	I	P
HEATED SEAT	–	I	P
IMMOBILIZER SYSTEM	–	I	R
RHEOSTAT	–	I	P
SUPPLEMENTAL RESTRAINT SYSTEM (SRS)	–	I	D
	Vehicles without side air bag	N	A
	Vehicles with side air bag	N	A
LIGHTING MONITOR BUZZER	–	I	P

HOW TO READ THE WIRING DIAGRAMS

CONTENTS

MODELS 1-2

MODELS**<Hatchback>**

Model code		Engine model	Transmission model	Fuel supply system	
CJ1A	MNDEL6	4G13-SOHC (1,299 ml)	F5M41 (5M/T)	MPI	
	MNDGL6				
	MNDER6				
	MNJEL6				
	MNJGL6				
	MNJER6				
	MRJEL6				F4A41 (4A/T)
	MRJER6				
CJ4A	MNJEL6	4G92-SOHC (1,597 ml)	F5M41 (5M/T)	MPI <MVV>	
	MNJGL6				
	MNJER6				
	MRJEL6				F4A41 (4A/T)
	MRJGL6				
	MRJER6				
	MNDAL6				F5M41 (5M/T)
	MNDAR6				

<Sedan>

Model code		Engine model	Transmission model	Fuel supply system
CK1A	SNDEL6	4G13-SOHC (1,299 ml)	F5M41 (5M/T)	MPI
	SNDGL6			
	SNDER6			
	SNJEL6			
	SNJGL6			
	SNJER6			
	SRJEL6			
	SRJER6			

WIRING HARNESS CONFIGURATION DIAGRAMS

CONTENTS

ENGINE COMPARTMENT

4G92 <L.H. drive vehicles>	2-2
4G92 <R.H. drive vehicles>	2-6

DASH PANEL

L.H. drive vehicles	2-10
R.H. drive vehicles	2-14

INSTRUMENT PANEL

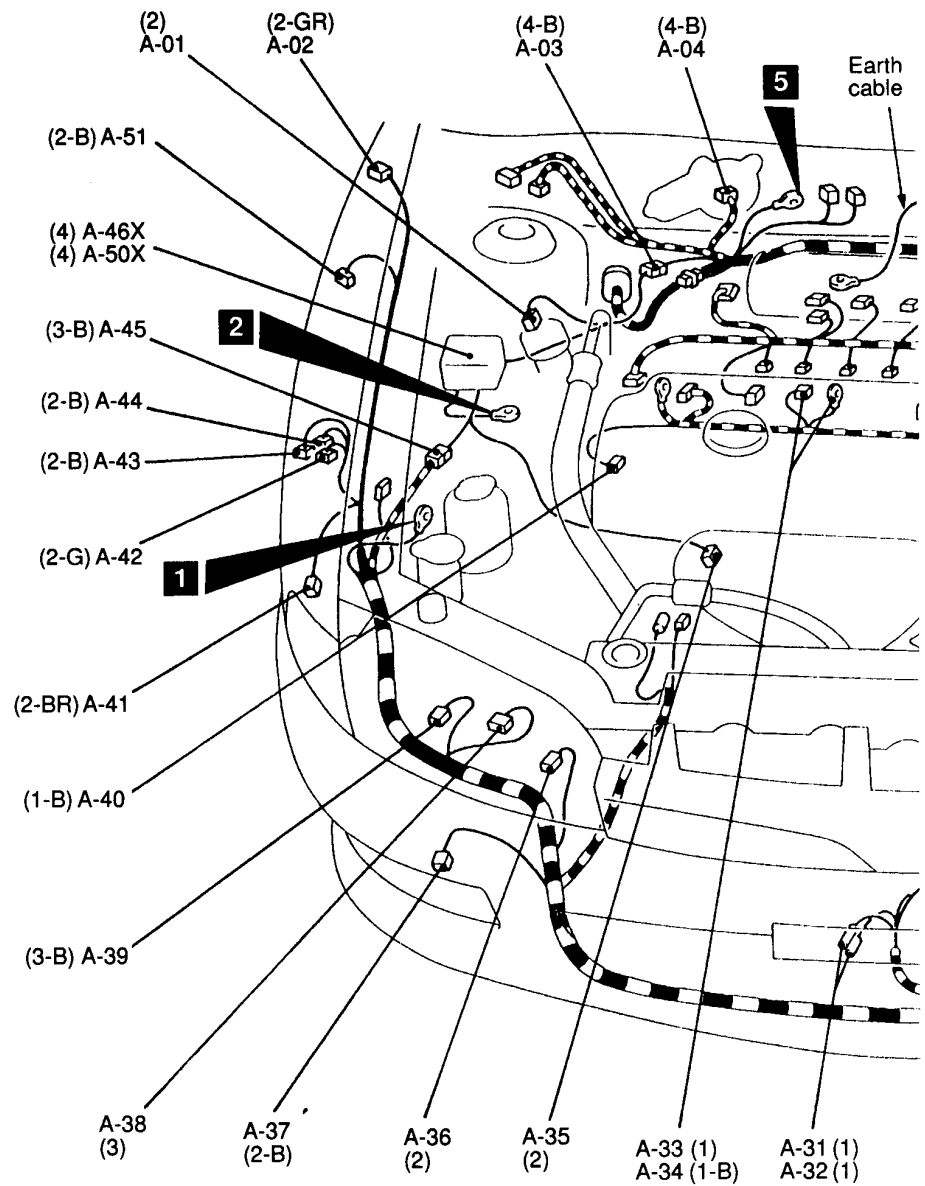
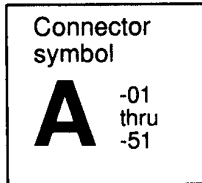
L.H. drive vehicles	2-18
R.H. drive vehicles	2-19

FLOOR AND ROOF

Hatchback <L.H. drive vehicles>	2-20
Hatchback <R.H. drive vehicles>	2-21
Sedan <L.H. drive vehicles>	2-22
Sedan <R.H. drive vehicles>	2-23

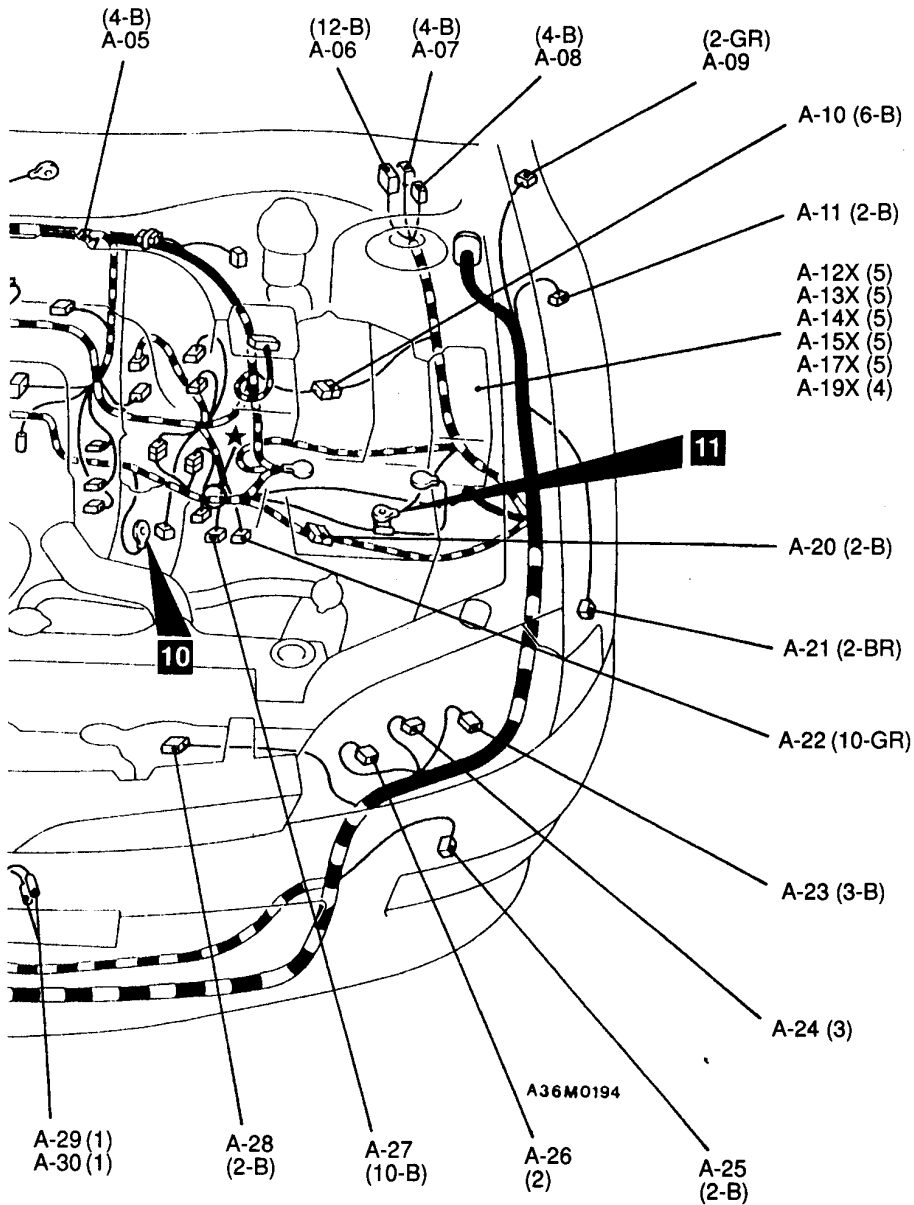
ENGINE COMPARTMENT

4G92 <L.H. drive vehicles>



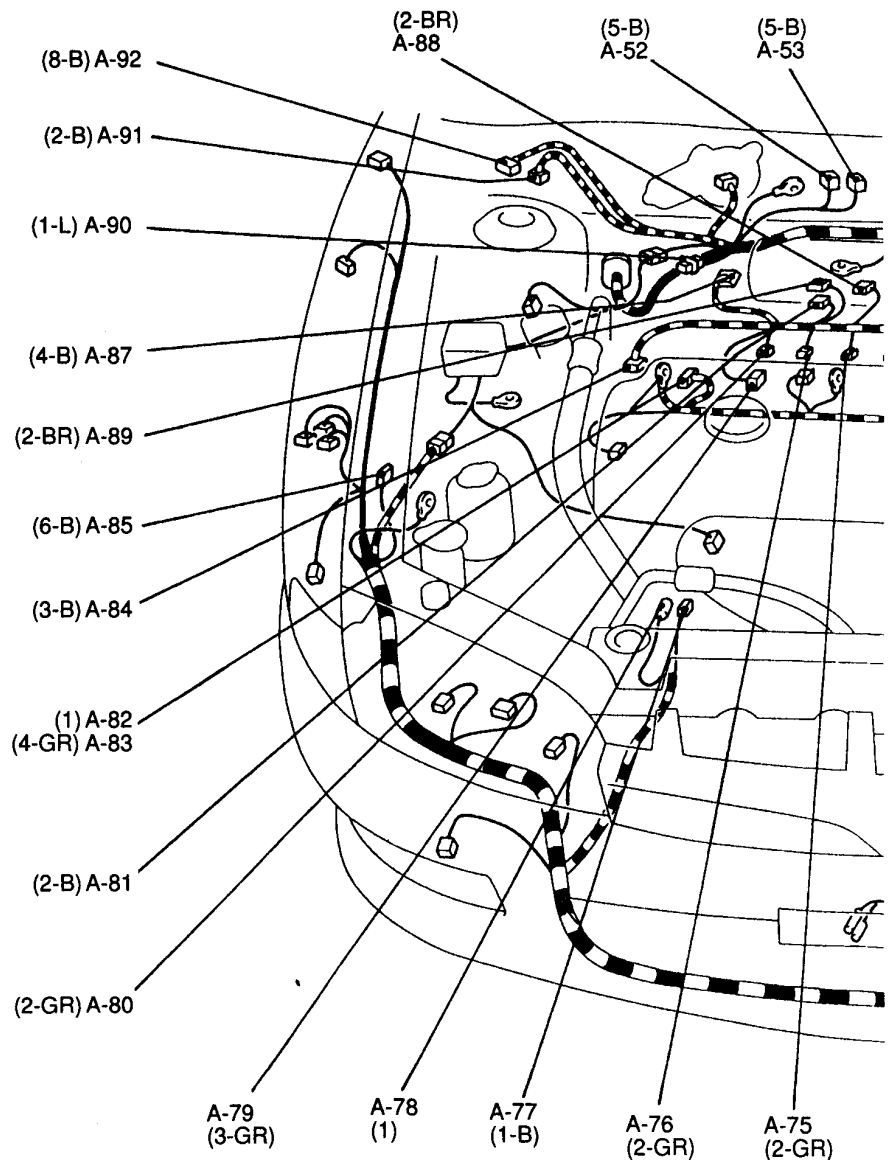
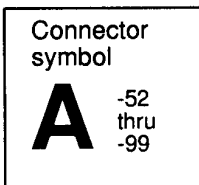
A-01 Dual pressure switch <A/C>
 A-02 Side turn signal lamp (RH)
 A-03 A/C wiring harness and control wiring harness combination
 A-04 Windshield wiper motor
 A-05 Throttle position sensor
 A-06 DRL-ECU
 A-07 DRL relay 2
 A-08 DRL relay 1
 A-09 Side turn signal lamp (LH)
 A-10 Control wiring harness and front wiring harness combination
 A-11 Wheel speed sensor (front:LH) <ABS>

A-12X Rear fog lamp relay
 A-13X Horn relay <SRS>
 A-14X Tail lamp relay <DRL>
 A-15X Radiator fan relay
 A-17X Headlamp relay
 A-19X Alternator relay
 A-20 Battery cable wiring harness and front wiring harness combination
 A-21 Front turn signal lamp (LH)
 A-22 A/T control solenoid valve assembly
 A-23 Headlamp (LH)
 A-24 Headlamp leveling unit (LH)



- | | | | |
|------|------------------------|-------|---|
| A-25 | Front fog lamp (LH) | A-38 | Headlamp leveling unit (RH) |
| A-26 | Position lamp (LH) | A-39 | Headlamp (RH) |
| A-27 | Inhibitor switch <A/T> | A-40 | Oil pressure switch |
| A-28 | Radiator fan motor | A-41 | Front turn signal lamp (RH) |
| A-29 | Horn (HI) | A-42 | Rear washer motor |
| A-30 | Horn (HI) | A-43 | Windshield washer motor |
| A-31 | Horn (LO) | A-44 | Headlamp washer motor |
| A-32 | Horn (LO) | A-45 | A/C wiring harness and front wiring harness combination |
| A-33 | Starter | A-46X | Condenser fan relay |
| A-34 | Starter | A-50X | A/C compressor relay |
| A-35 | Condenser fan motor | A-51 | Wheel speed sensor (front:RH) <ABS> |
| A-36 | Position lamp (RH) | | |
| A-37 | Front fog lamp (RH) | | |

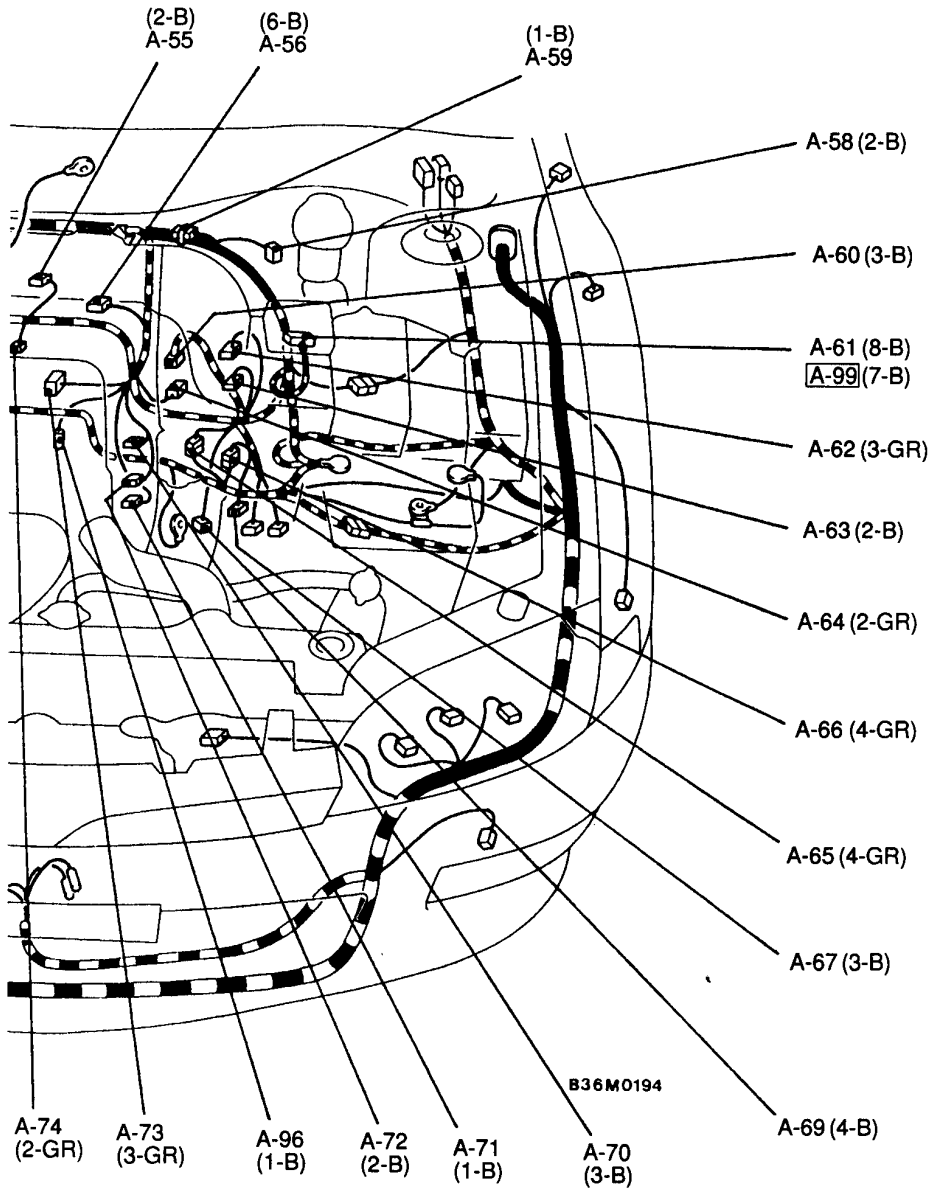
4G92 <L.H. drive vehicles>



Remark

Connector numbers in boxes are for connectors which have been newly added.

A-52	ABS valve relay	A-64	Detonation sensor
A-53	ABS motor relay	A-65	Battery cable wiring harness and control wiring harness combination <M/T>
A-55	Air bypass solenoid valve <MVV>	A-66	Battery cable wiring harness and control wiring harness combination <A/T>
A-56	Idle speed control servo	A-67	Input shaft speed sensor <A/T>
A-58	Brake fluid level sensor	A-69	Oxygen sensor <MVV>
A-59	Fuel pump check connector	A-70	Camshaft position sensor
A-60	Vehicle speed sensor	A-71	Engine coolant temperature gauge unit
A-61	Air flow sensor <MVV>	A-72	Engine coolant temperature sensor
A-62	Output shaft speed sensor <A/T>		
A-63	Back-up lamp switch <M/T>		

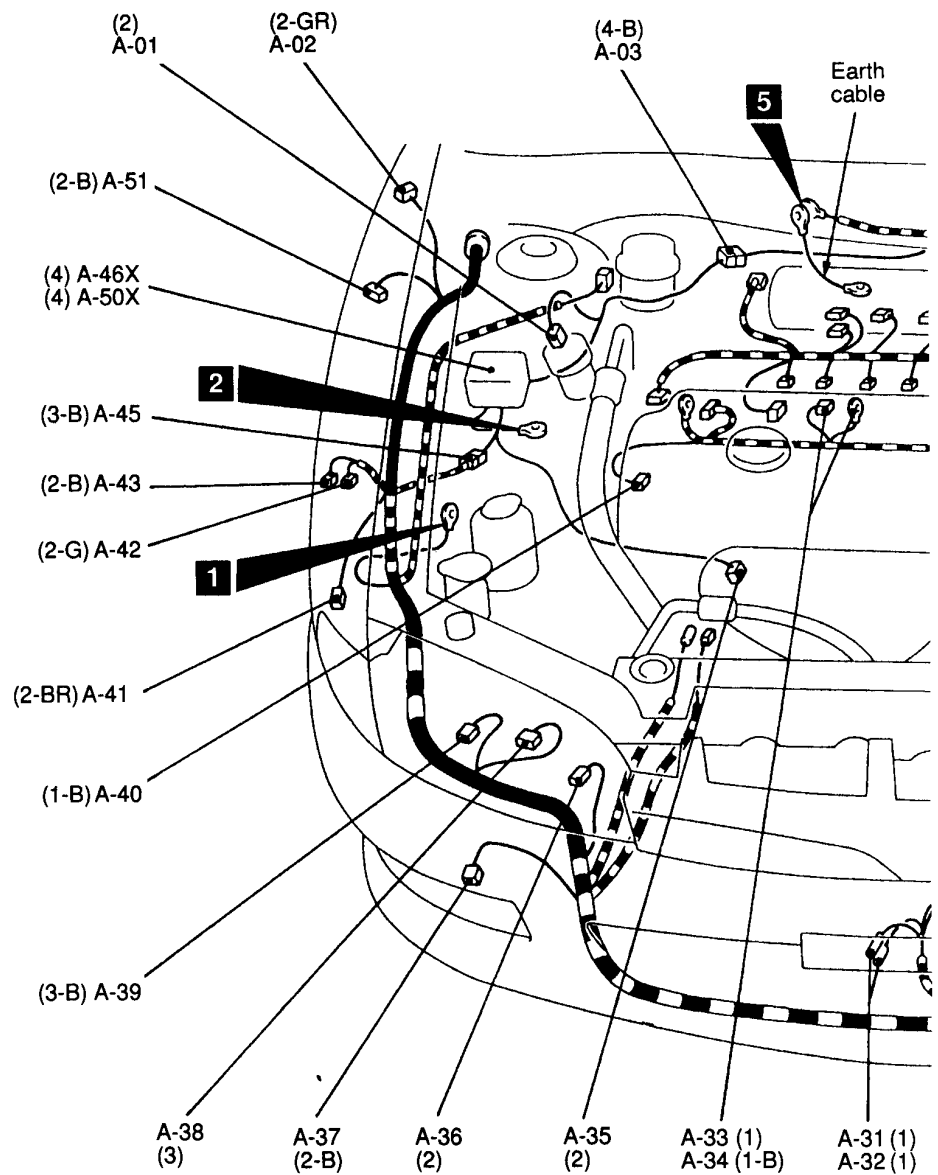
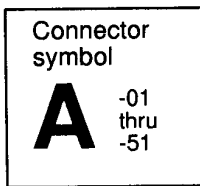


- A-73 Ignition coil 1
- A-74 Injector 4
- A-75 Injector 3
- A-76 Injector 2
- A-77 A/C refrigerant temperature switch and magnetic clutch
- A-78 Power steering oil pressure switch
- A-79 Ignition coil 2
- A-80 Injector 1
- A-81 Purge control solenoid valve
- A-82 Alternator

- A-83 Alternator
- A-84 Crank angle sensor
- A-85 Headlamp washer relay
- A-87 Oxygen sensor <except MVV>
- A-88 EGR solenoid valve <except MVV>
- A-89 EGR solenoid valve <MVV>
- A-90 Engine speed detection connector
- A-91 ABS hydraulic unit
- A-92 ABS hydraulic unit
- A-96 Capacitor
- A-99 Air flow sensor <except MVV>

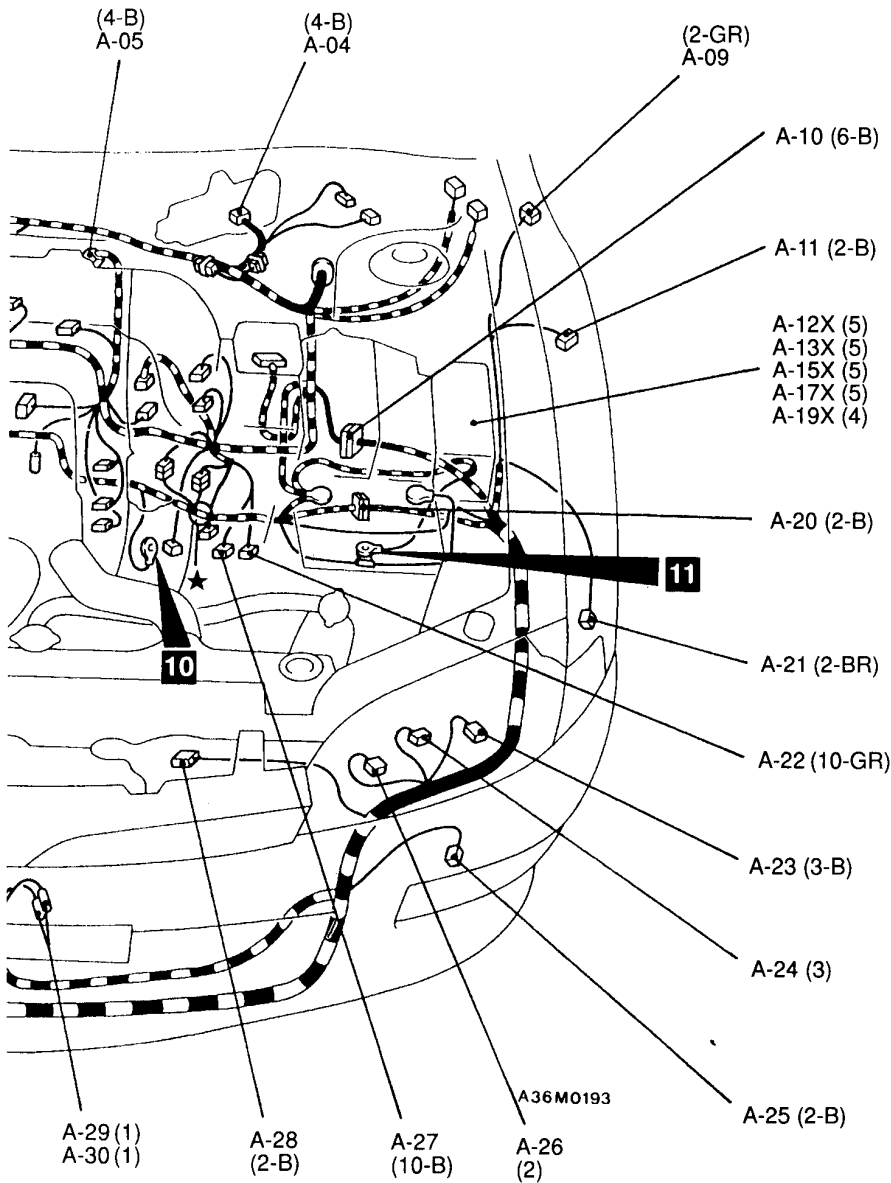
ENGINE COMPARTMENT

4G92 <R.H. drive vehicles>



A-01 Dual pressure switch <A/C>
 A-02 Side turn signal lamp (RH)
 A-03 A/C wiring harness and control wiring harness combination
 A-04 Windshield wiper motor
 A-05 Throttle position sensor
 A-09 Side turn signal lamp (LH)
 A-10 Control wiring harness and front wiring harness combination
 A-11 Wheel speed sensor (front:LH) <ABS>
 A-12X Rear fog lamp relay
 A-13X Horn relay<SRS>

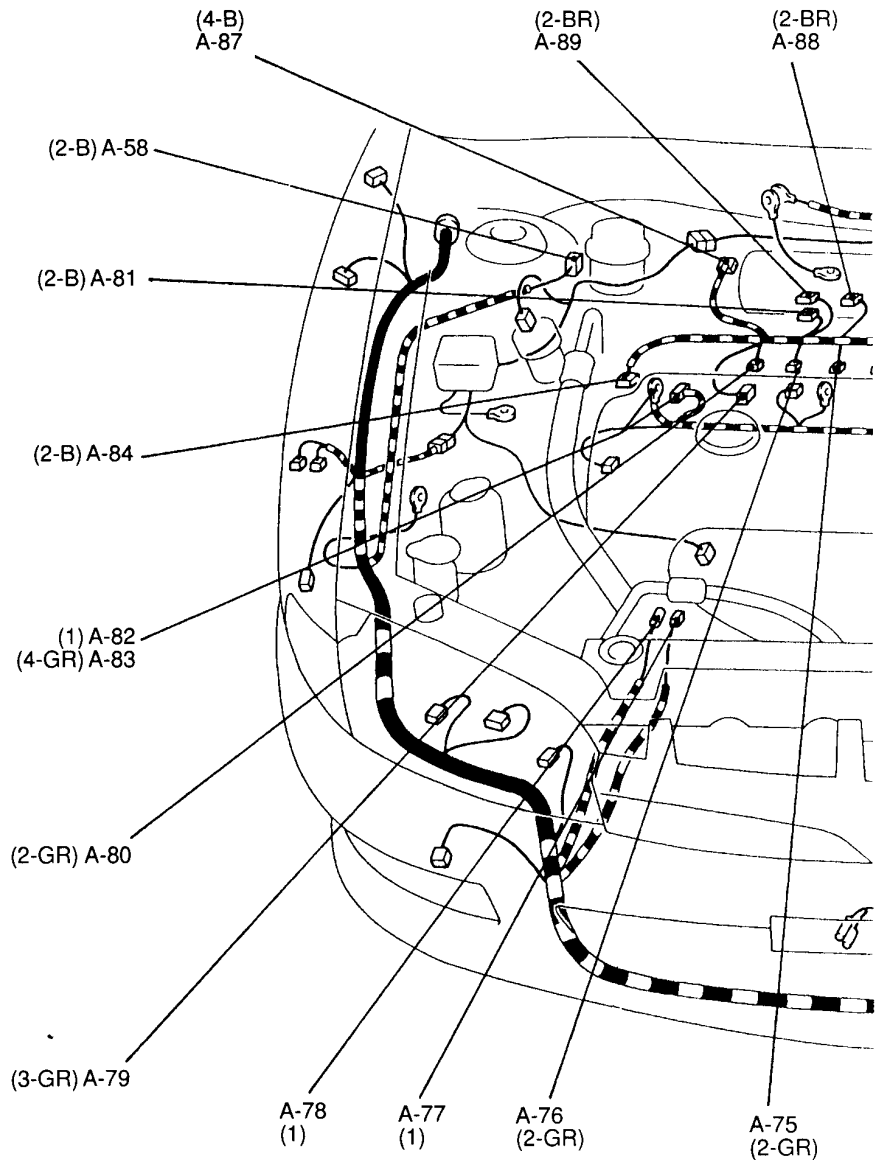
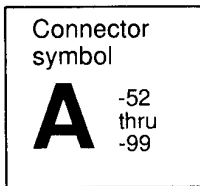
A-15X Radiator fan relay
 A-17X Headlamp relay
 A-19X Alternator relay
 A-20 Battery cable wiring harness and front wiring harness combination
 A-21 Front turn signal lamp (LH)
 A-22 A/T control solenoid valve assembly
 A-23 Headlamp (LH)
 A-24 Headlamp leveling unit (LH)
 A-25 Front fog lamp (LH)
 A-26 Position lamp (LH)



- A-27 Inhibitor switch <A/T>
- A-28 Radiator fan motor
- A-29 Horn (HI)
- A-30 Horn (HI)
- A-31 Horn (LO)
- A-32 Horn (LO)
- A-33 Starter
- A-34 Starter
- A-35 Condenser fan motor
- A-36 Position lamp (RH)
- A-37 Front fog lamp (RH)

- A-38 Headlamp leveling unit (RH)
- A-39 Headlamp (RH)
- A-40 Oil pressure switch
- A-41 Front turn signal lamp (RH)
- A-42 Rear washer motor
- A-43 Windshield washer motor
- A-45 A/C wiring harness and front wiring harness combination
- A-46X Condenser fan relay
- A-50X A/C compressor relay
- A-51 Wheel speed sensor (front:RH) <ABS>

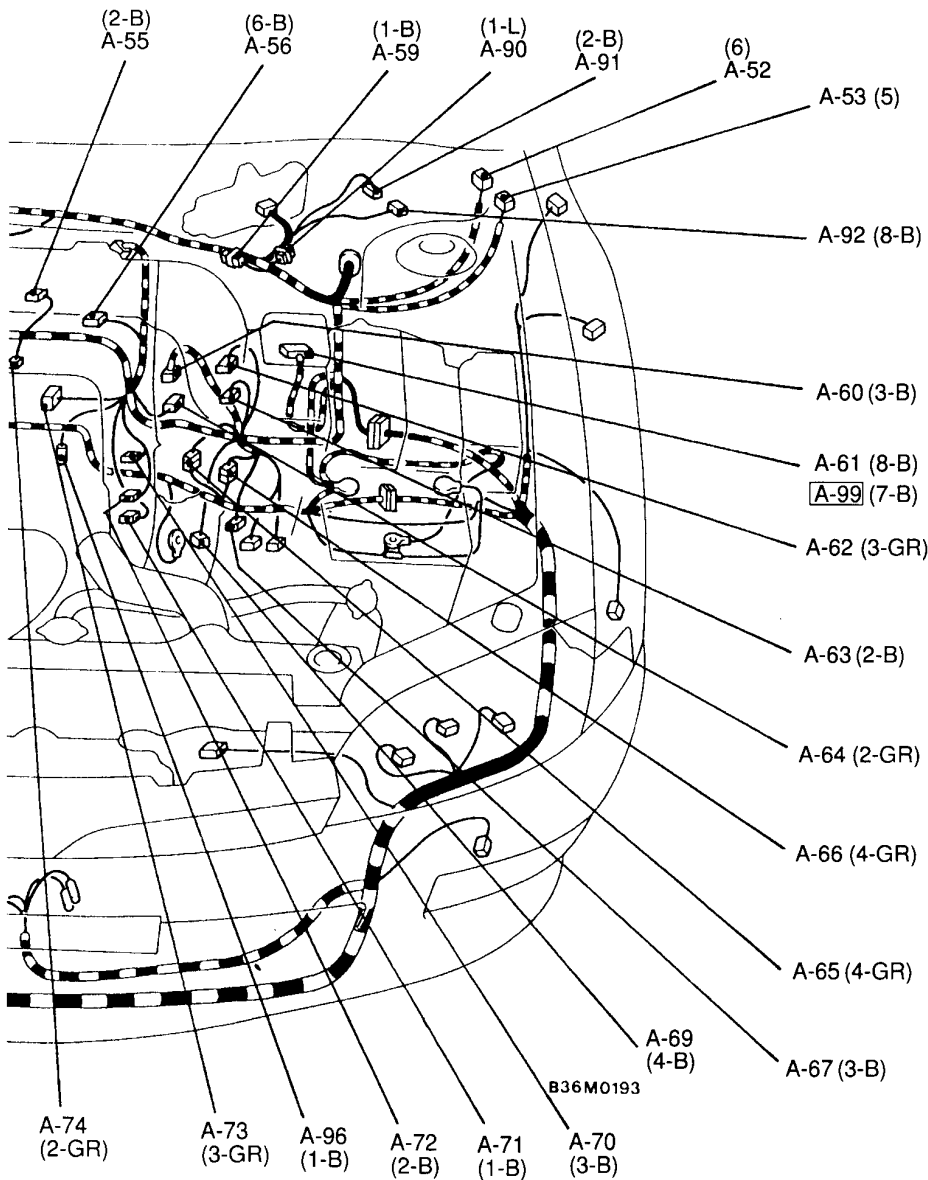
4G92 <R.H. drive vehicles>



Remark

Connector numbers in boxes are for connectors which have been newly added.

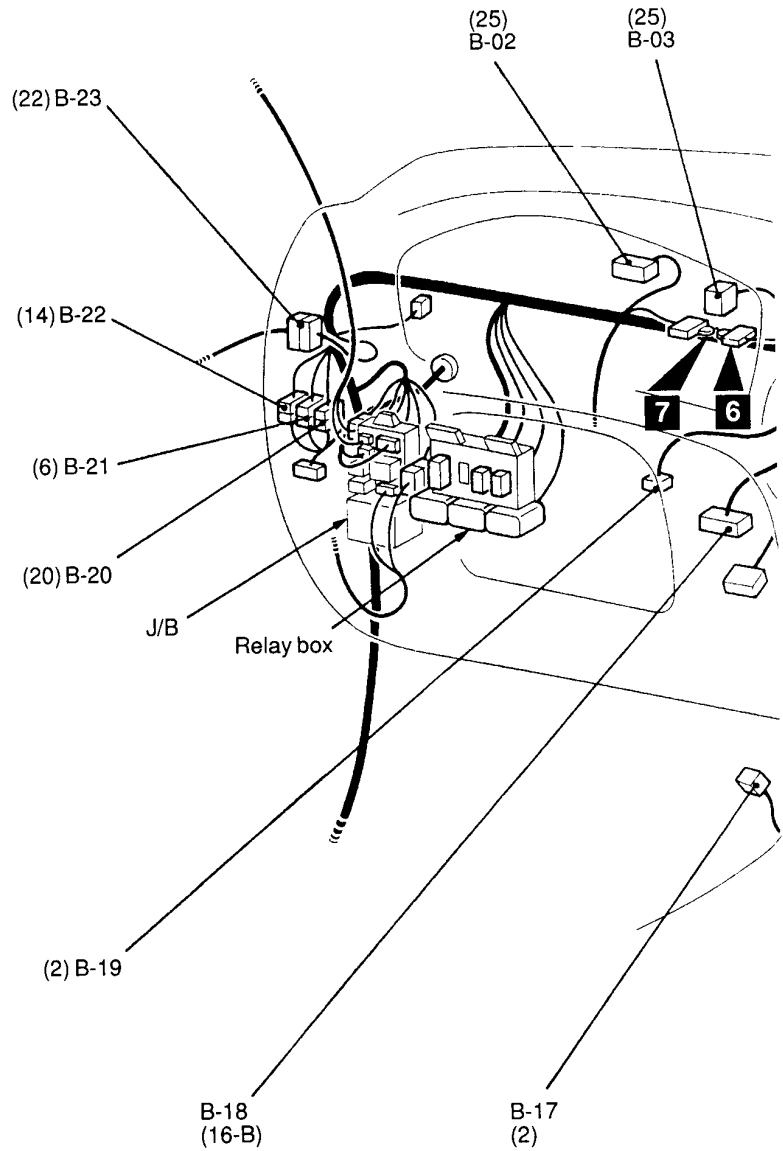
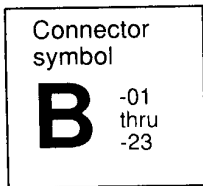
- | | | | |
|------|---------------------------------|------|---|
| A-52 | ABS valve relay | A-64 | Detonation sensor |
| A-53 | ABS motor relay | A-65 | Battery cable wiring harness and control wiring harness combination <M/T> |
| A-55 | Air bypass solenoid valve <MVV> | A-66 | Battery cable wiring harness and control wiring harness combination <A/T> |
| A-56 | Idle speed control servo | A-67 | Input shaft position sensor <A/T> |
| A-58 | Brake fluid level sensor | A-69 | Oxygen sensor <MVV> |
| A-59 | Fuel pump check connector | A-70 | Camshaft position sensor |
| A-60 | Vehicle speed sensor | A-71 | Engine coolant temperature gauge unit |
| A-61 | Air flow sensor <MVV> | | |
| A-62 | Output shaft speed sensor <A/T> | | |
| A-63 | Back-up lamp switch <M/T> | | |



- | | | | |
|------|--|-------------|----------------------------------|
| A-72 | Engine coolant temperature sensor | A-82 | Alternator |
| A-73 | Ignition coil 1 | A-83 | Alternator |
| A-74 | Injector 4 | A-84 | Crank angle sensor |
| A-75 | Injector 3 | A-87 | Oxygen sensor <except MVV> |
| A-76 | Injector 2 | A-88 | EGR solenoid valve <except MVV> |
| A-77 | A/C refrigerant temperature switch and magnetic clutch | A-89 | EGR solenoid valve <MVV> |
| A-78 | Power steering oil pressure switch | A-90 | Engine speed detection connector |
| A-79 | Ignition coil 2 | A-91 | ABS hydraulic unit |
| A-80 | Injector 1 | A-92 | ABS hydraulic unit |
| A-81 | Purge control solenoid valve | A-96 | Capacitor |
| | | <u>A-99</u> | Air flow sensor <except MVV> |

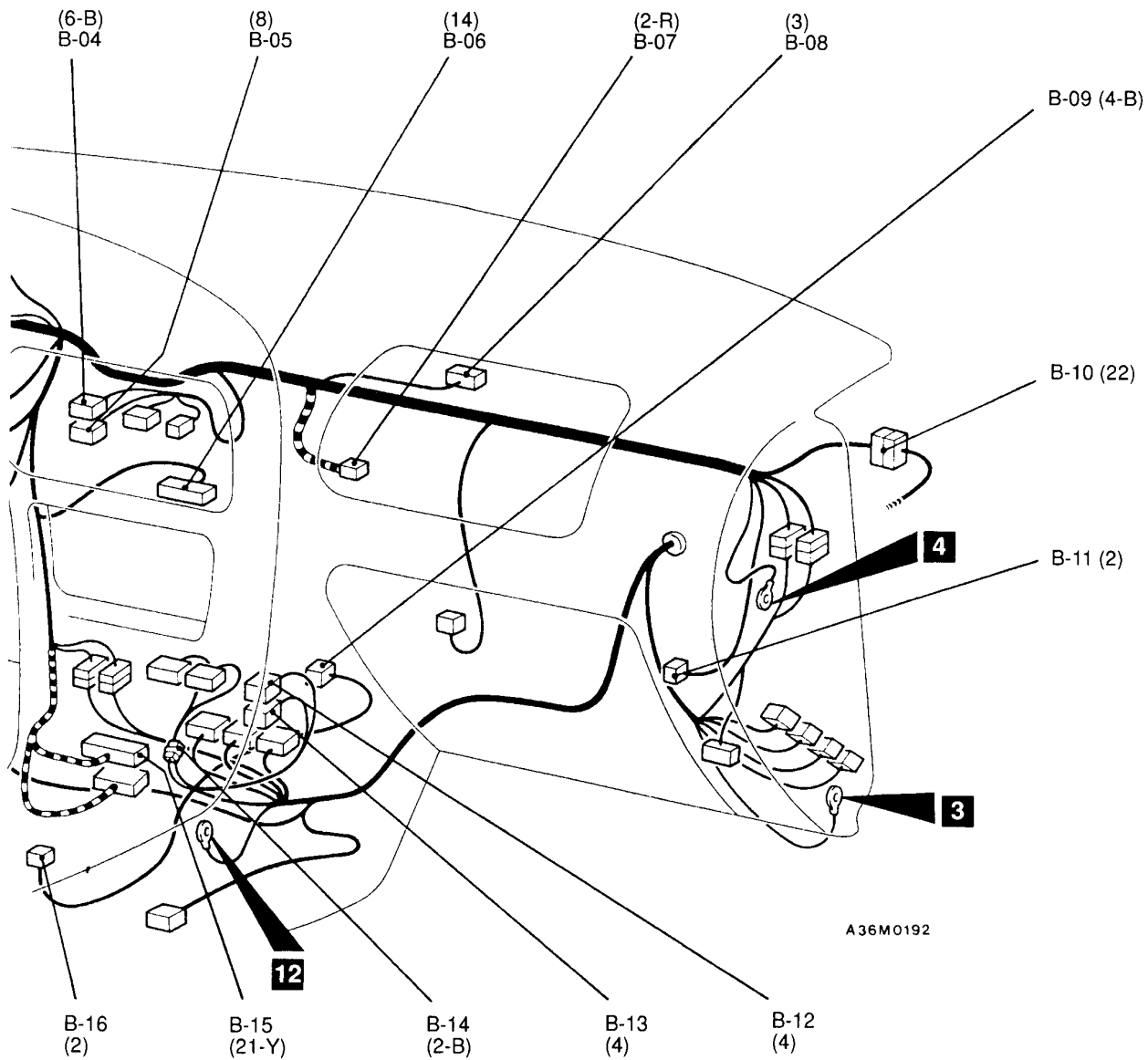
DASH PANEL

L.H. drive vehicles



B-02 Combination meter
 B-03 Combination meter
 B-04 Defogger switch
 B-05 A/C switch
 B-06 Radio and tape player
 B-07 Air bag module (squib) (passenger's side)
 B-08 Thermostat <A/C>

B-09 A/T relay
 B-10 Front door wiring harness (passenger's side) and body wiring harness combination
 B-11 Blower motor
 B-12 Fuel pump relay
 B-13 Engine control relay
 B-14 Diode (for ABS circuit)

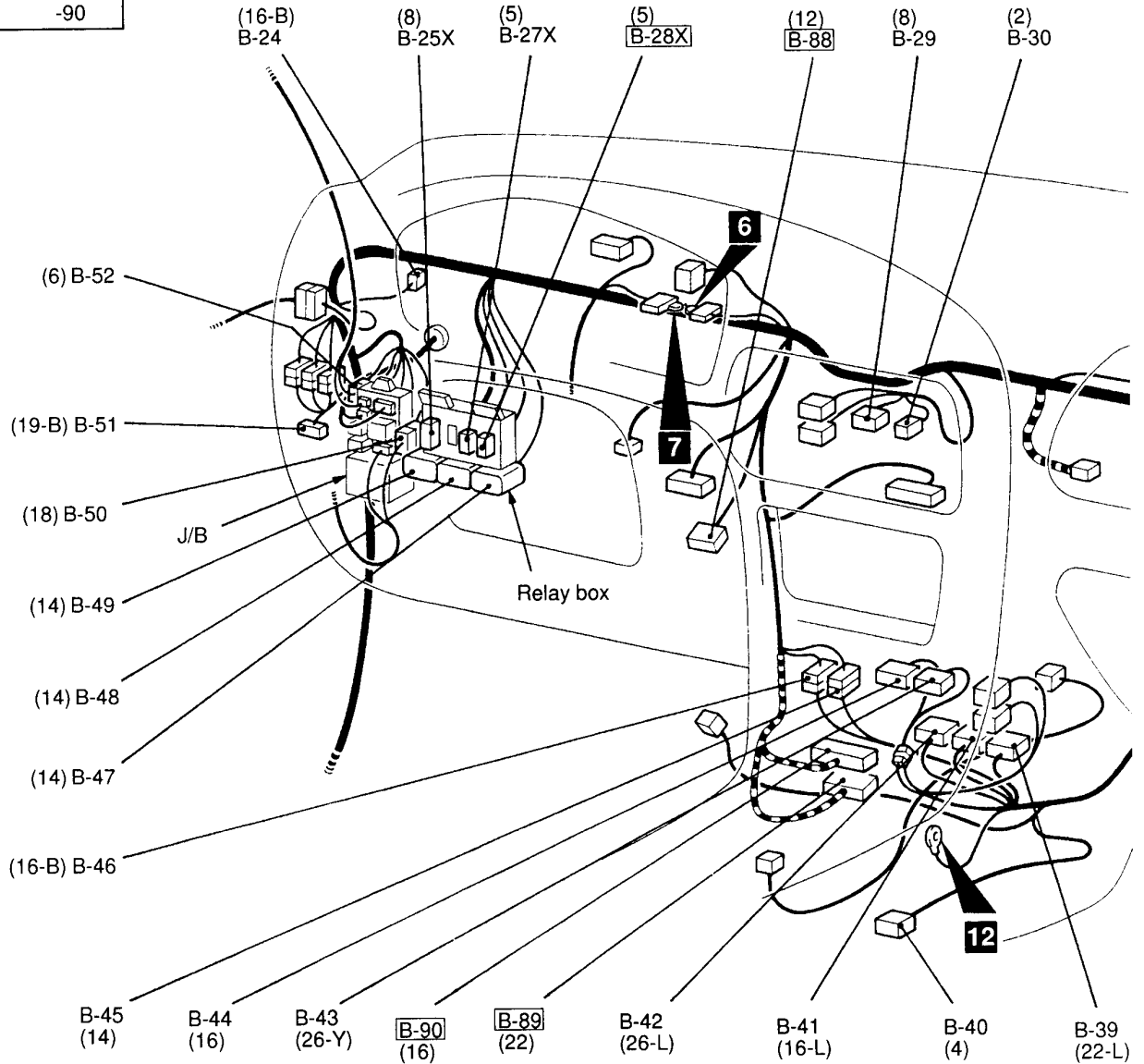


B-15 SRS-ECU <Vehicles without side air bag>
 B-16 A/T selector lever position illumination lamp
 B-17 Wide open throttle switch <A/T>
 B-18 Diagnosis connector
 B-19 Stop lamp switch
 B-20 Front wiring harness and body wiring harness combination

B-21 Front wiring harness and body wiring harness combination
 B-22 Front wiring harness and body wiring harness combination
 B-23 Front door wiring harness (driver's side) and body wiring harness combination

L.H. drive vehicles

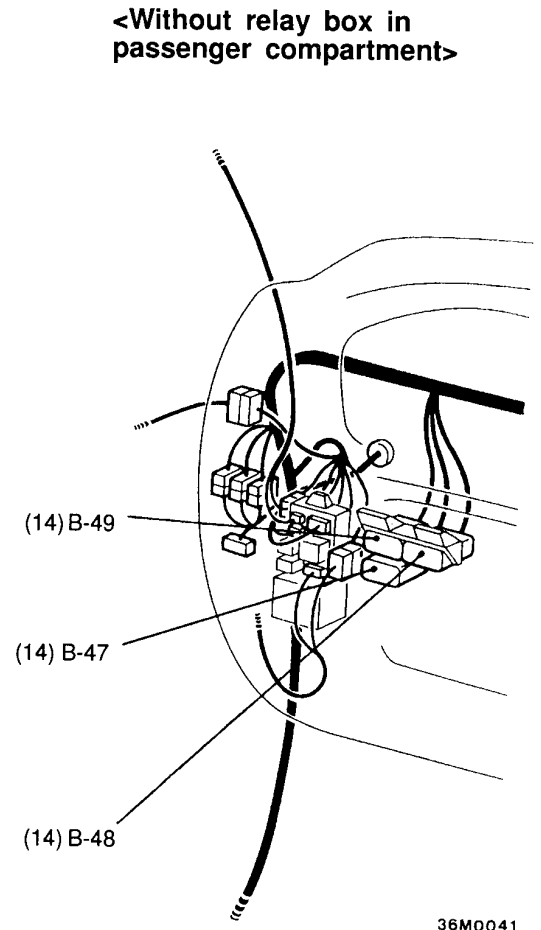
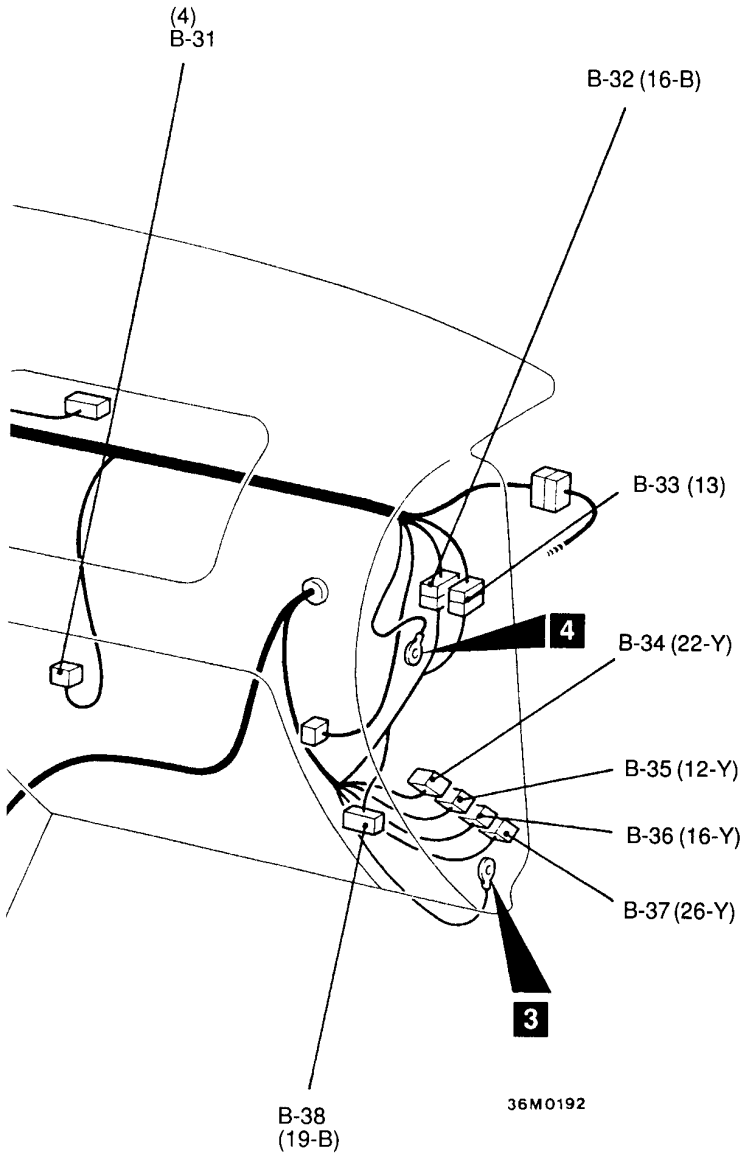
Connector symbol	-24 thru -90
B	



Remark

Connector numbers enclosed by a box are for connectors which have been newly added.

- | | | | |
|--------------|--|------|--|
| B-24 | Immobilizer-ECU | B-33 | Control wiring harness and body wiring harness combination |
| B-25X | Rear intermittent wiper relay | B-34 | Engine ECU |
| B-27X | Power window relay | B-35 | Engine ECU |
| B-28X | Front fog lamp relay | B-36 | Engine ECU |
| B-29 | Blower switch | B-37 | Engine ECU |
| B-30 | Blower control illumination lamp | B-38 | J/C (5) |
| B-31 | Resistor | | |
| B-32 | Control wiring harness and body wiring harness combination | | |



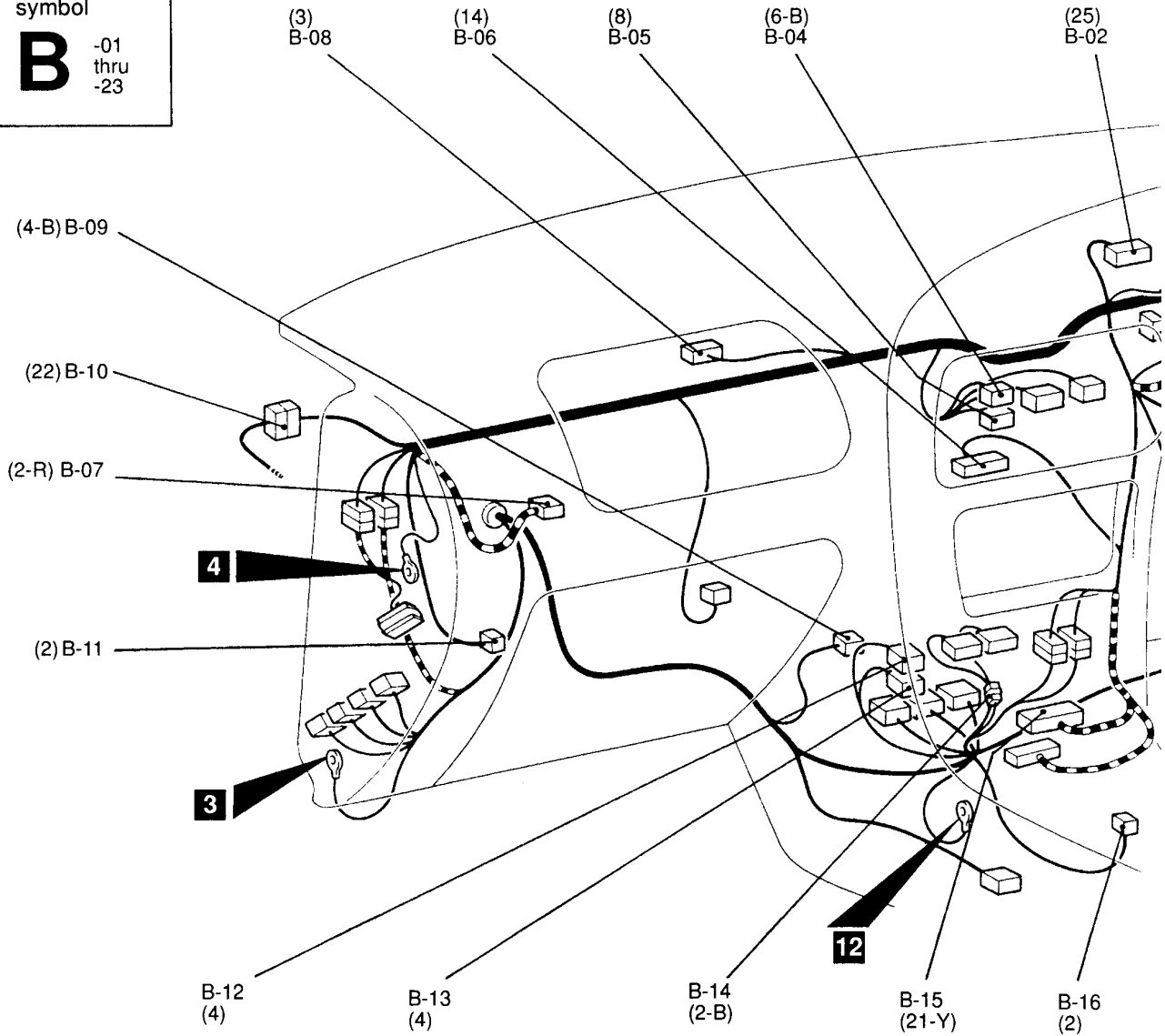
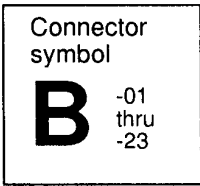
- B-39 ELC-4A/T-ECU
- B-40 Oxygen sensor (rear) <4G13>
- B-41 ELC-4A/T-ECU
- B-42 ELC-4A/T-ECU
- B-43 ABS-ECU
- B-44 ABS-ECU
- B-45 Control wiring harness and body wiring harness combination <A/T>
- B-46 Control wiring harness and body wiring harness combination <ABS>
- B-47 J/C (4)

- B-48 J/C (3)
- B-49 J/C (2)
- B-50 Instrument panel wiring harness and body wiring harness combination
- B-51 J/C (1)
- B-52 Roof wiring harness and body wiring harness combination <Sunroof>
- B-88 Diagnosis connector
- B-89 SRS-ECU <Vehicles with side air bag>
- B-90 SRS-ECU <Vehicles with side air bag>

00007601

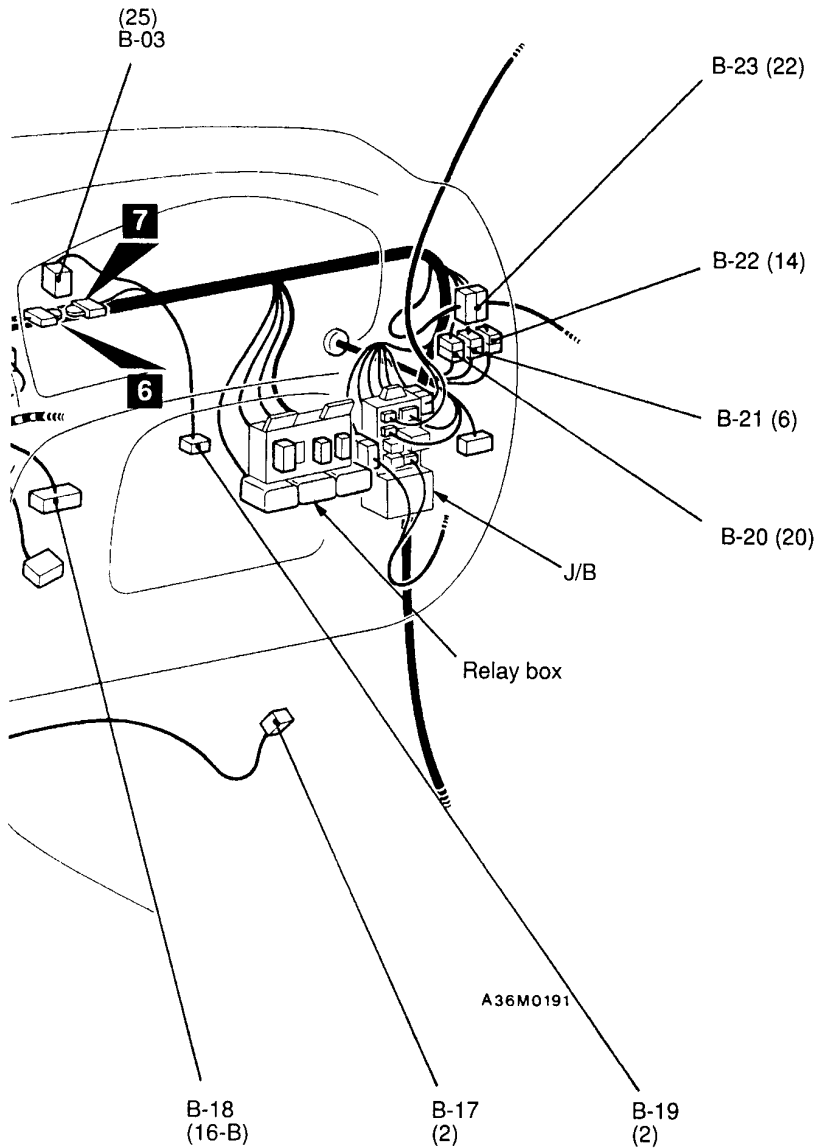
DASH PANEL

R.H. drive vehicles



- B-02 Combination meter
- B-03 Combination meter
- B-04 Defogger switch
- B-05 A/C switch
- B-06 Radio and tape player
- B-07 Air bag module (squib) (passenger's side)
- B-08 Thermostat <A/C>

- B-09 A/T relay
- B-10 Front door wiring harness (passenger's side) and body wiring harness combination
- B-11 Blower motor
- B-12 Fuel pump relay
- B-13 Engine control relay
- B-14 Diode (for ABS circuit)



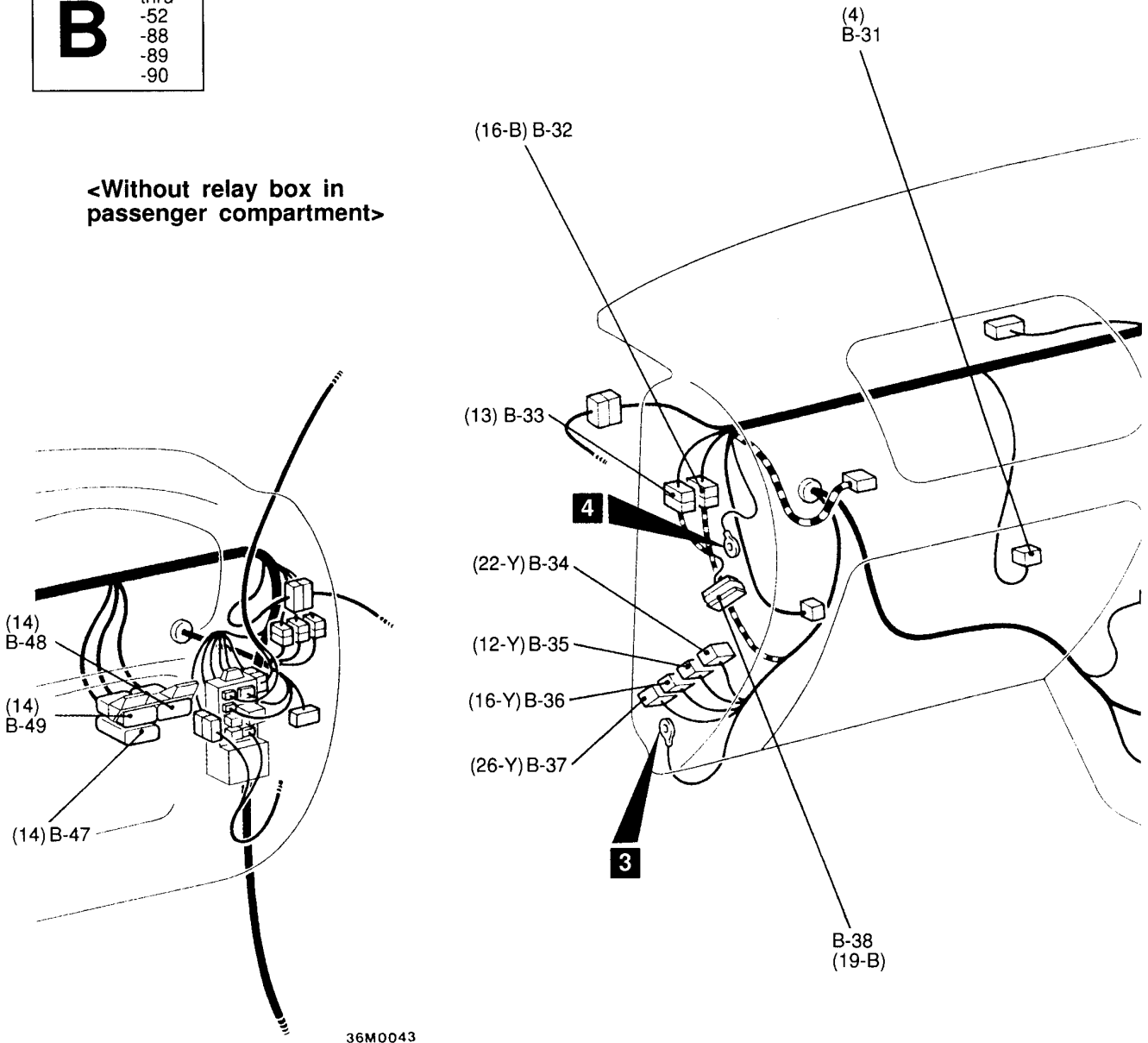
- B-15 SRS-ECU <Vehicles without side air bag>
- B-16 A/T selector lever position illumination lamp
- B-17 Wide open throttle switch <A/T>
- B-18 Diagnosis connector
- B-19 Stop lamp switch
- B-20 Front wiring harness and body wiring harness combination

- B-21 Front wiring harness and body wiring harness combination
- B-22 Front wiring harness and body wiring harness combination
- B-23 Front door wiring harness (driver's side) and body wiring harness combination

R.H. drive vehicles

Connector symbol	-24
	thru
B	-52
	-88
	-89
	-90

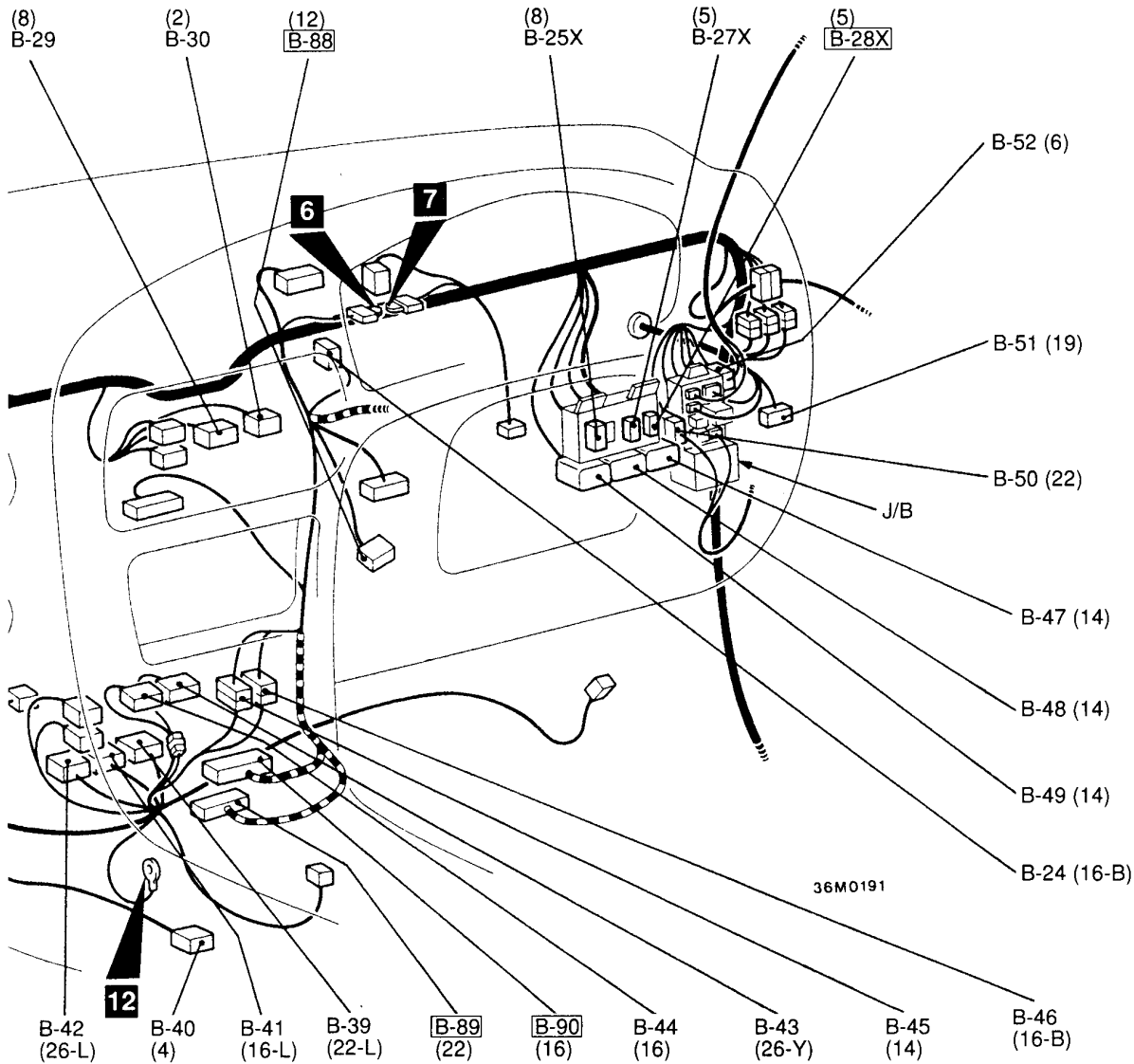
<Without relay box in passenger compartment>



Remark

Connector numbers enclosed by a box are for connectors which have been newly added.

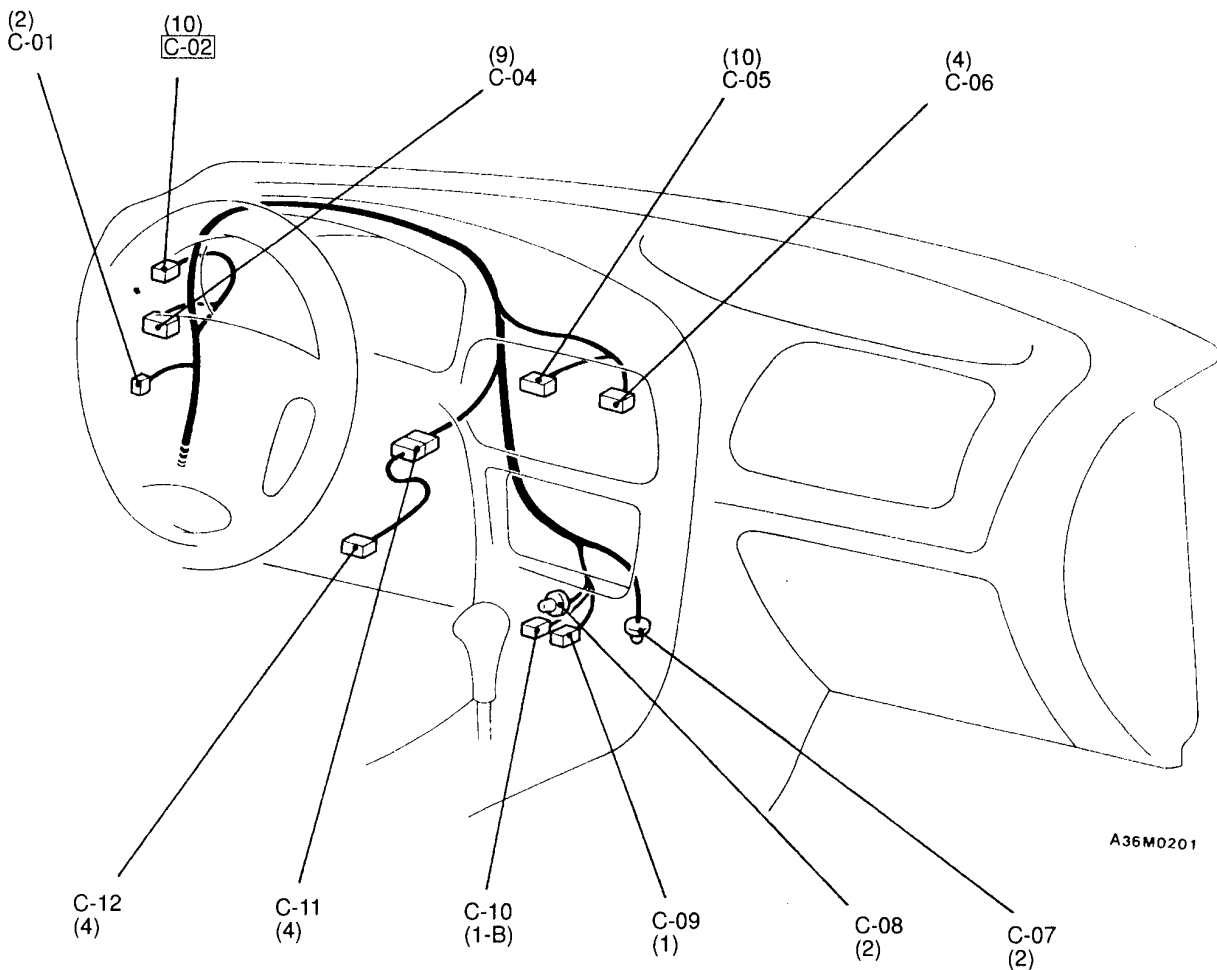
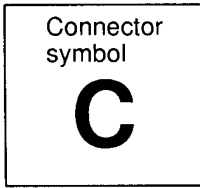
B-24	Immobilizer-ECU	B-33	Control wiring harness and body wiring harness combination
B-25X	Rear intermittent wiper relay	B-34	Engine ECU
B-27X	Power window relay	B-35	Engine ECU
<u>B-28X</u>	Front fog lamp relay	B-36	Engine ECU
B-29	Blower switch	B-37	Engine ECU
B-30	Blower control illumination lamp	B-38	J/C (5)
B-31	Resistor		
B-32	Control wiring harness and body wiring harness combination		



- | | | | |
|------|--|------|---|
| B-39 | ELC-4A/T-ECU | B-48 | J/C (3) |
| B-40 | Oxygen sensor (rear) <4G13> | B-49 | J/C (2) |
| B-41 | ELC-4A/T-ECU | B-50 | Instrument panel wiring harness and body wiring harness combination |
| B-42 | ELC-4A/T-ECU | B-51 | J/C (1) |
| B-43 | ABS-ECU | B-52 | Roof wiring harness and body wiring harness combination <Sunroof> |
| B-44 | ABS-ECU | B-88 | Diagnosis connector |
| B-45 | Control wiring harness and body wiring harness combination <A/T> | B-89 | SRS-ECU <Vehicles with side air bag> |
| B-46 | Control wiring harness and body wiring harness combination <ABS> | B-90 | SRS-ECU <Vehicles with side air bag> |
| B-47 | J/C (4) | | |

INSTRUMENT PANEL

L.H. drive vehicles



A36M0201

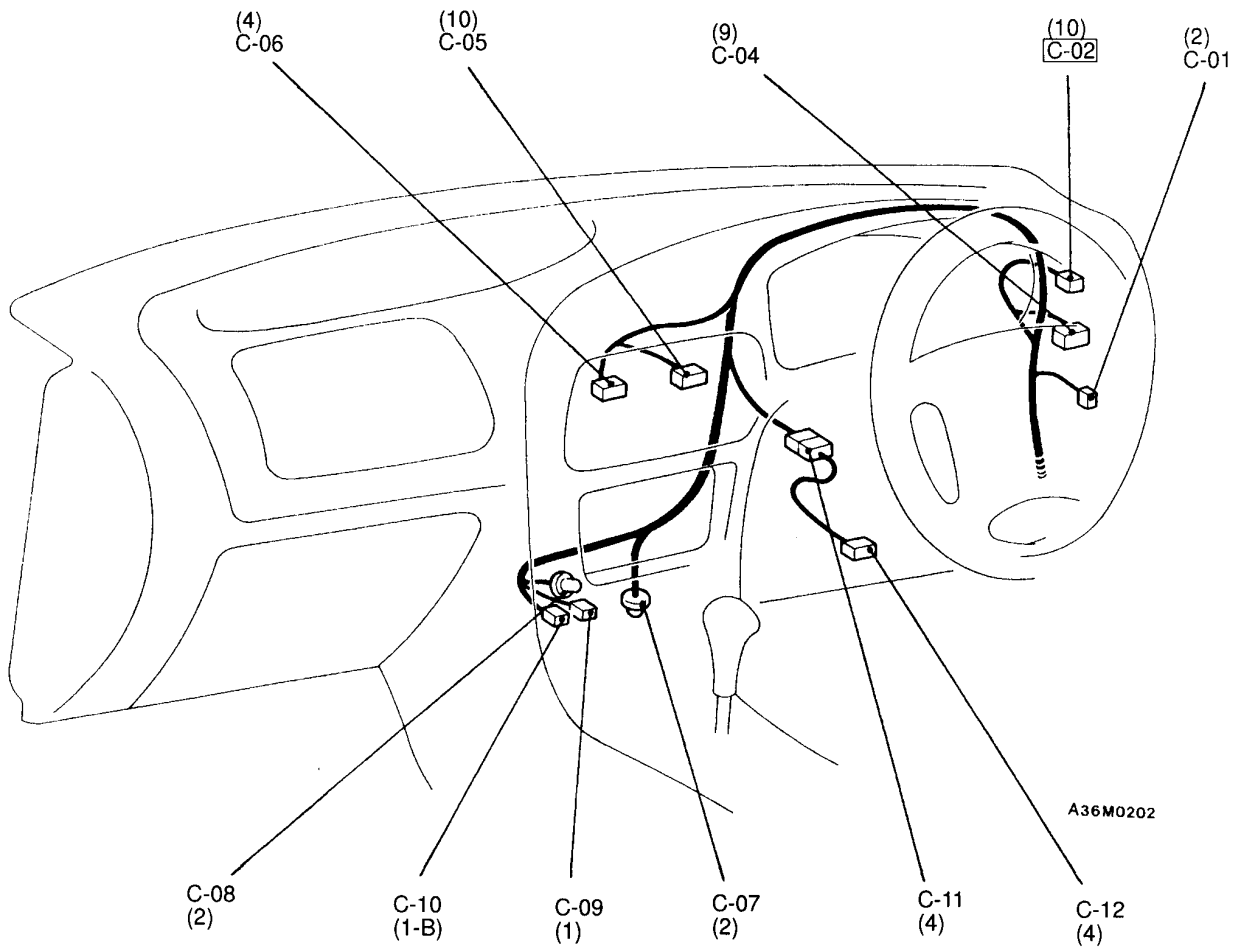
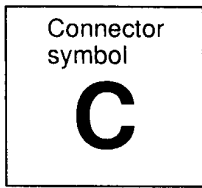
Remark

Connector numbers enclosed by a box means connectors of which poles have been changed.

- | | | | |
|-------------|-------------------------------------|------|--|
| C-01 | Rheostat | C-09 | Cigarette lighter |
| C-02 | Fog lamp switch | C-10 | Cigarette lighter |
| C-04 | Remote controlled mirror switch | C-11 | Headlamp leveling sub wiring harness and instrument panel wiring harness combination <Sedan> |
| C-05 | Hazard warning switch | C-12 | Headlamp leveling switch |
| C-06 | Clock | | |
| C-07 | Ashtray illumination lamp | | |
| C-08 | Cigarette lighter illumination lamp | | |

INSTRUMENT PANEL

R.H. drive vehicles



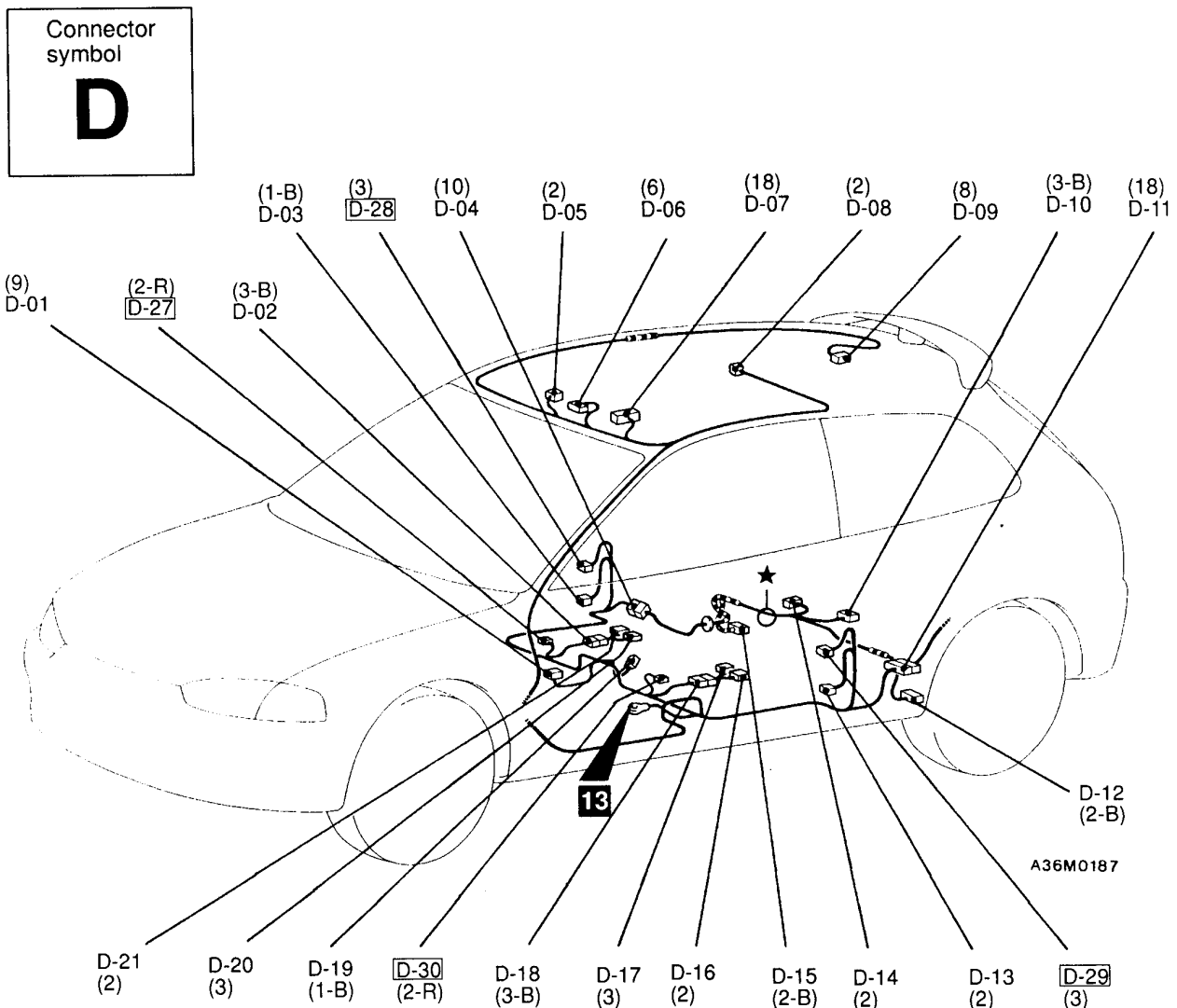
Remark

Connector numbers enclosed by a box means connectors of which poles have been changed.

- | | | | |
|-------------|-------------------------------------|------|--|
| C-01 | Rheostat | C-09 | Cigarette lighter |
| C-02 | Fog lamp switch | C-10 | Cigarette lighter |
| C-04 | Remote controlled mirror switch | C-11 | Headlamp leveling sub wiring harness and instrument panel wiring harness combination <Sedan> |
| C-05 | Hazard warning switch | C-12 | Headlamp leveling switch |
| C-06 | Clock | | |
| C-07 | Ashtray illumination lamp | | |
| C-08 | Cigarette lighter illumination lamp | | |

FLOOR AND ROOF

Hatchback <L.H. drive vehicles>



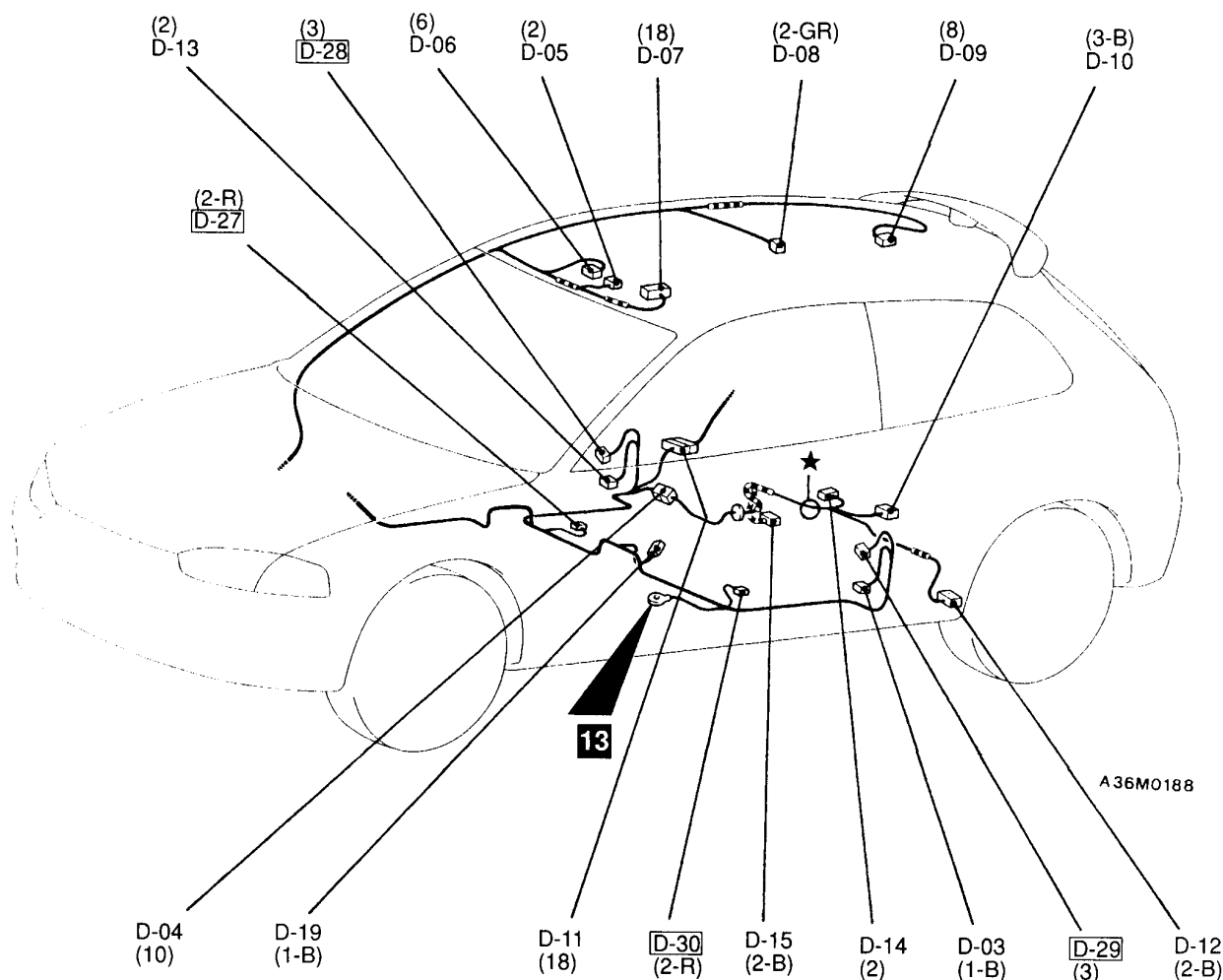
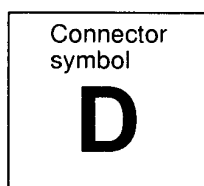
Remark

Connector numbers enclosed by a box are for connectors which have been newly added.

D-01	Heated seat switch	D-13	Front door switch (driver's side)
D-02	Body wiring harness and heated seat wiring harness (RH) combination	D-14	Fuel pump
D-03	Front door switch (passenger's side)	D-15	Wheel speed sensor (rear:RH) <ABS>
D-04	Fuel pump wiring harness and body wiring harness combination	D-16	Seat back heater (LH)
D-05	Room lamp <with sunroof>	D-17	Seat cushion heater (LH)
D-06	Sunroof switch	D-18	Body wiring harness and heated seat wiring harness (LH) combination
D-07	Sunroof-ECU	D-19	Parking brake switch
D-08	Room lamp <without sunroof>	D-20	Seat cushion heater (RH)
D-09	Sunroof motor	D-21	Seat back heater (RH)
D-10	Fuel gauge unit	D-27	Side air bag module (squib) (RH)
D-11	Rear wiring harness and body wiring harness combination	D-28	Side impact sensor (RH)
D-12	Wheel speed sensor (rear:LH) <ABS>	D-29	Side impact sensor (LH)
		D-30	Side air bag module (squib) (LH)

FLOOR AND ROOF

Hatchback <R.H. drive vehicles>



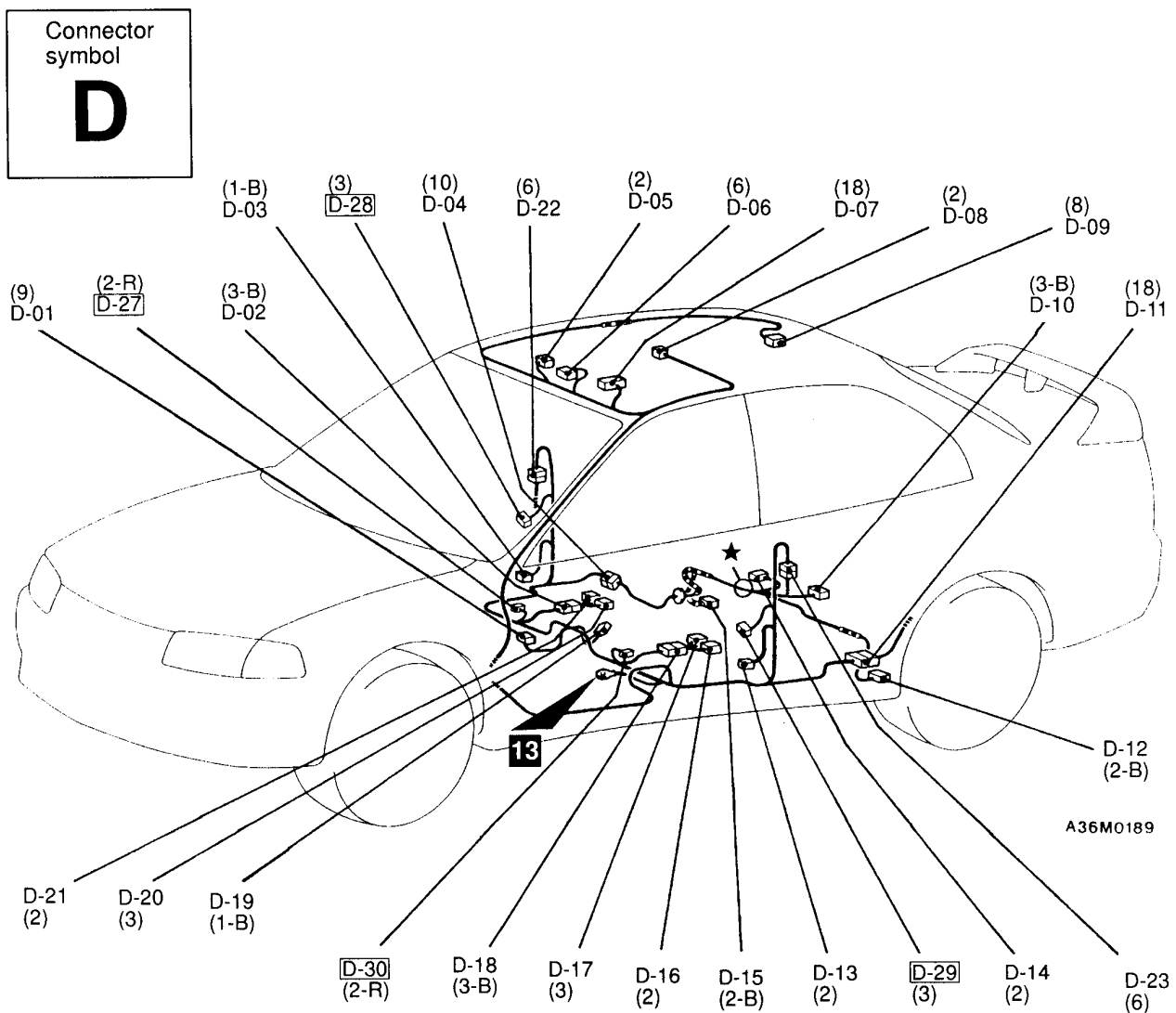
Remark

Connector numbers in boxes are for connectors which have been newly added.

- | | | | |
|------|--|-------------|------------------------------------|
| D-03 | Front door switch (passenger's side) | D-12 | Wheel speed sensor (rear:LH) <ABS> |
| D-04 | Fuel pump wiring harness and body wiring harness combination | D-13 | Front door switch (driver's side) |
| D-05 | Room lamp <with sunroof> | D-14 | Fuel pump |
| D-06 | Sunroof switch | D-15 | Wheel speed sensor (rear:RH) <ABS> |
| D-07 | Sunroof-ECU | D-19 | Parking brake switch |
| D-08 | Room lamp <without sunroof> | D-27 | Side air bag module (squib) (RH) |
| D-09 | Sunroof motor | D-28 | Side impact sensor (RH) |
| D-10 | Fuel gauge unit | D-29 | Side impact sensor (LH) |
| D-11 | Rear wiring harness and body wiring harness combination | D-30 | Side air bag module (squib) (LH) |

FLOOR AND ROOF

Sedan <L.H. drive vehicles>



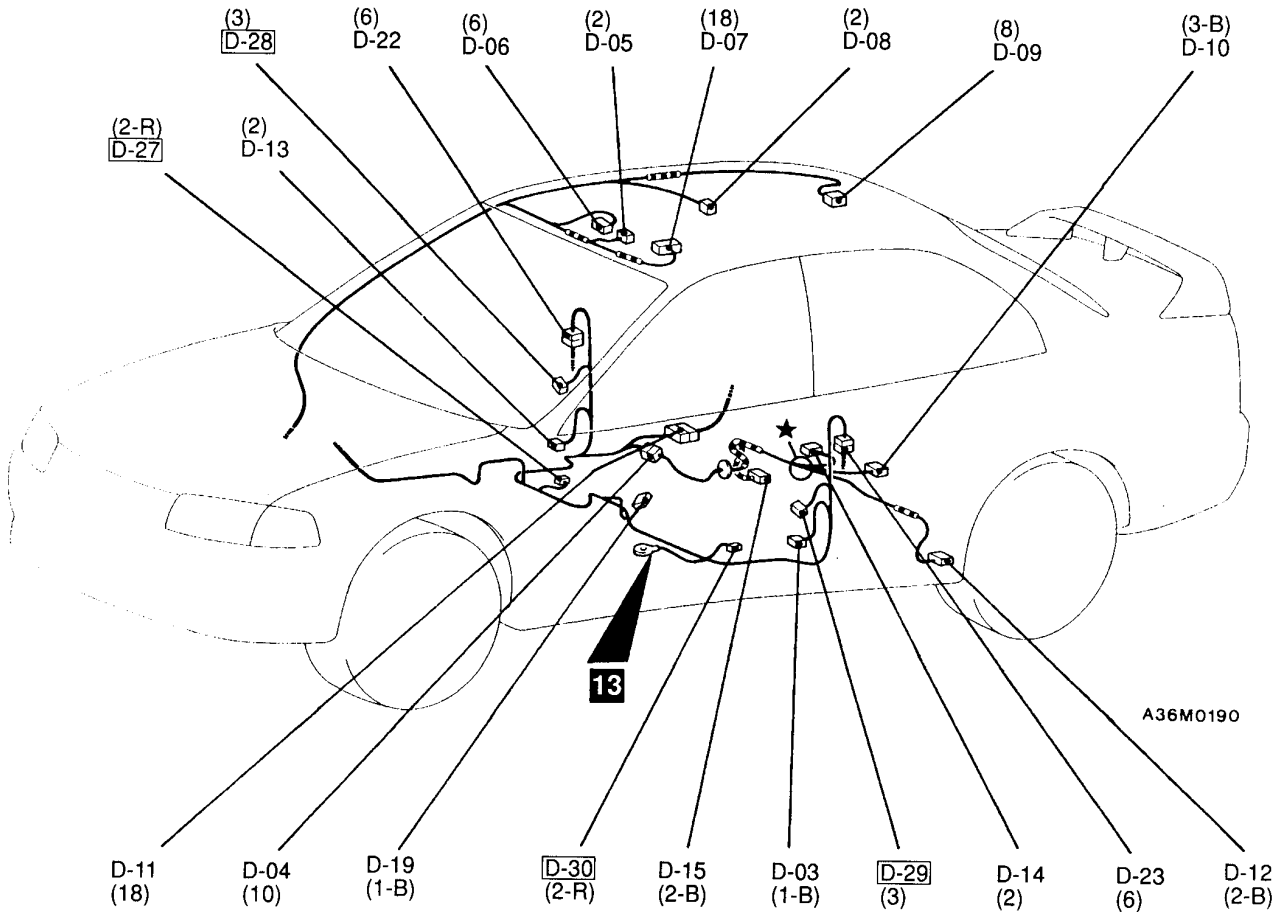
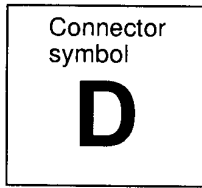
Remark

Connector numbers enclosed by a box are for connectors which have been newly added.

D-01	Heated seat switch	D-15	Wheel speed sensor (rear:RH) <ABS>
D-02	Body wiring harness and heated seat wiring harness (RH) combination	D-16	Seat back heater (LH)
D-03	Front door switch (passenger's side)	D-17	Seat cushion heater (LH)
D-04	Fuel pump wiring harness and body wiring harness combination	D-18	Body wiring harness and heated seat wiring harness (LH) combination
D-05	Room lamp <with sunroof>	D-19	Parking brake switch
D-06	Sunroof switch	D-20	Seat cushion heater (RH)
D-07	Sunroof-ECU	D-21	Seat back heater (RH)
D-08	Room lamp <without sunroof>	D-22	Rear door wiring harness (RH) and body wiring harness combination
D-09	Sunroof motor	D-23	Rear door wiring harness (LH) and body wiring harness combination
D-10	Fuel gauge unit	D-27	Side air bag module (squib) (RH)
D-11	Rear wiring harness and body wiring harness combination	D-28	Side impact sensor (RH)
D-12	Wheel speed sensor (rear:LH) <ABS>	D-29	Side impact sensor (LH)
D-13	Front door switch (driver's side)	D-30	Side air bag module (squib) (LH)
D-14	Fuel pump		

FLOOR AND ROOF

Sedan <R.H. drive vehicles>



Remark

Connector numbers enclosed by a box are for connectors which have been newly added.

- | | | | |
|------|--|-------------|---|
| D-03 | Front door switch (passenger's side) | D-13 | Front door switch (driver's side) |
| D-04 | Fuel pump wiring harness and body wiring harness combination | D-14 | Fuel pump |
| D-05 | Room lamp <with sunroof> | D-15 | Wheel speed sensor (rear:RH) <ABS> |
| D-06 | Sunroof switch | D-19 | Parking brake switch |
| D-07 | Sunroof-ECU | D-22 | Rear door wiring harness (RH) and body wiring harness combination |
| D-08 | Room lamp <without sunroof> | D-23 | Rear door wiring harness (LH) and body wiring harness combination |
| D-09 | Sunroof motor | D-27 | Side air bag module (squib) (RH) |
| D-10 | Fuel gauge unit | D-28 | Side impact sensor (RH) |
| D-11 | Rear wiring harness and body wiring harness combination | D-29 | Side impact sensor (LH) |
| D-12 | Wheel speed sensor (rear:LH) <ABS> | D-30 | Side air bag module (squib) (LH) |

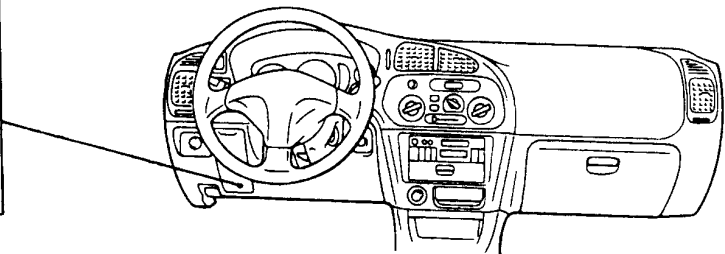
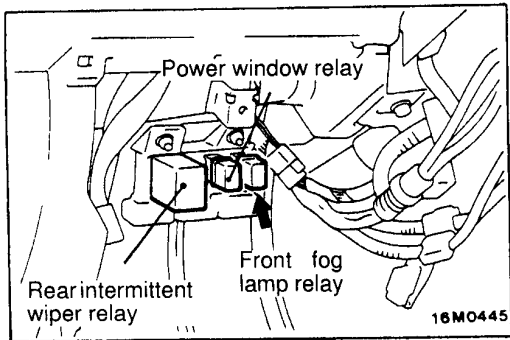
SINGLE PART INSTALLATION POSITION

CONTENTS

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

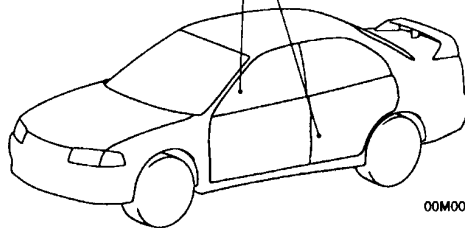
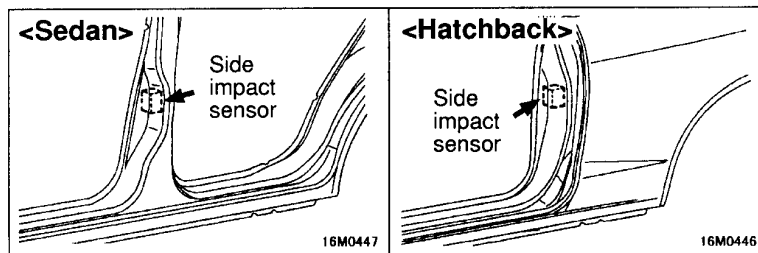


RELAY



00007511

SENSOR



00007633

CIRCUIT DIAGRAM

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Vehicles with daytime running lamp	4-72		

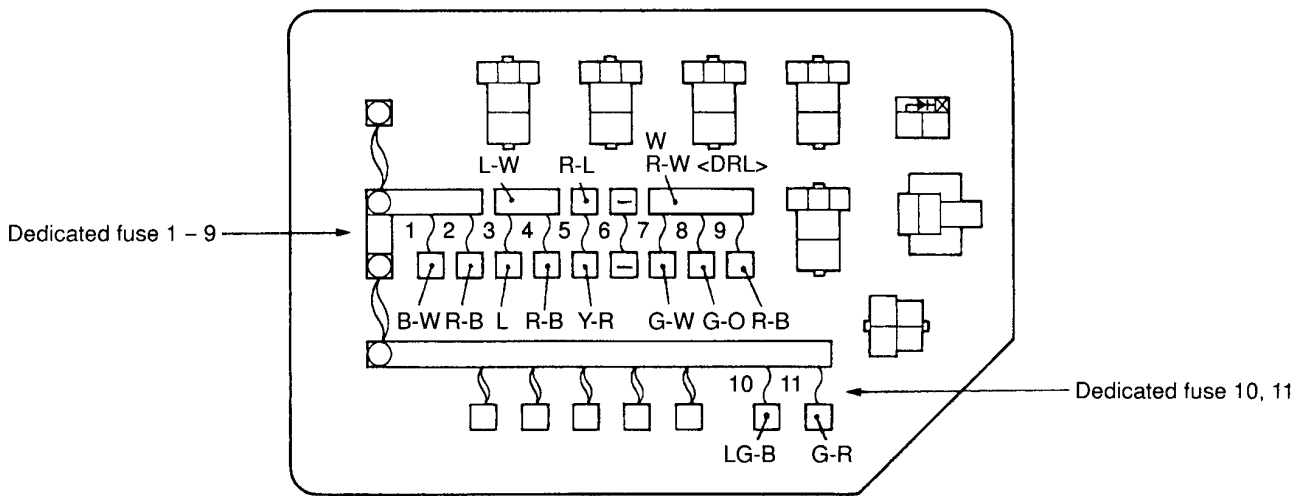
NOTES

CENTRALIZED JUNCTION

DEDICATED FUSE

Power supply circuit	No.	Rated capacity (A)	Housing Colour	Circuit
Tail lamp relay <with DRL>, Lighting switch <without DRL> (Fusible link No. 4)	9	20	Yellow	Front fog lamp and rear fog lamp

(Relay box in engine compartment)

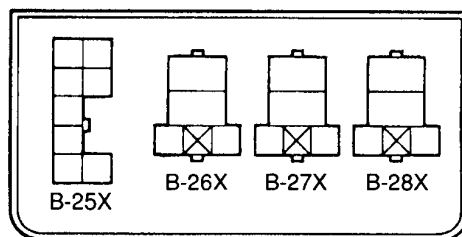


B16M0141

CENTRALIZED RELAY

(Relay box in passenger compartment)

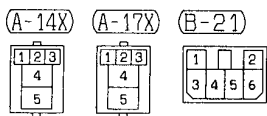
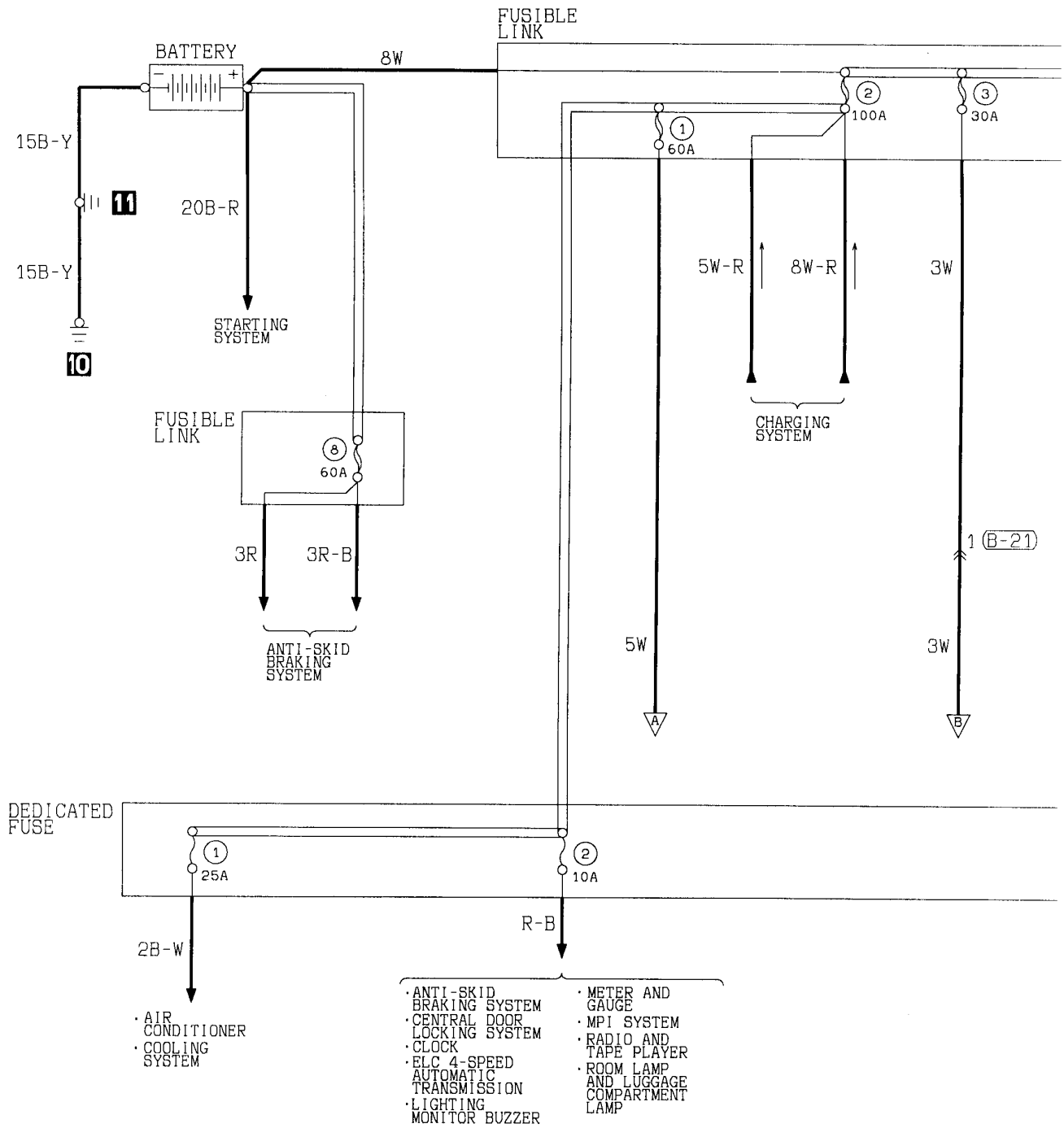
Connector No.	Name
B-28X	Front fog lamp relay

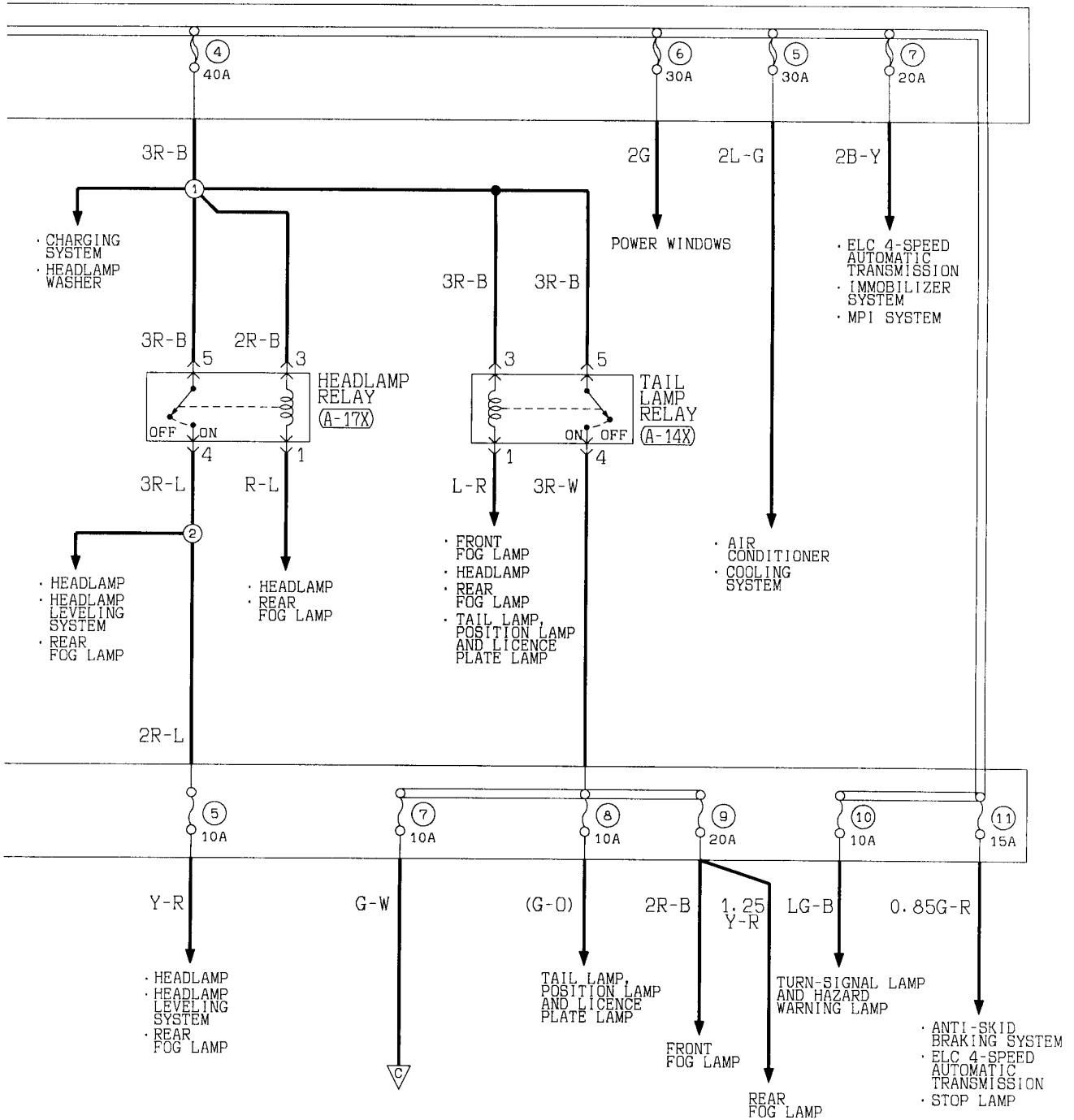


16M0143

POWER DISTRIBUTION SYSTEM

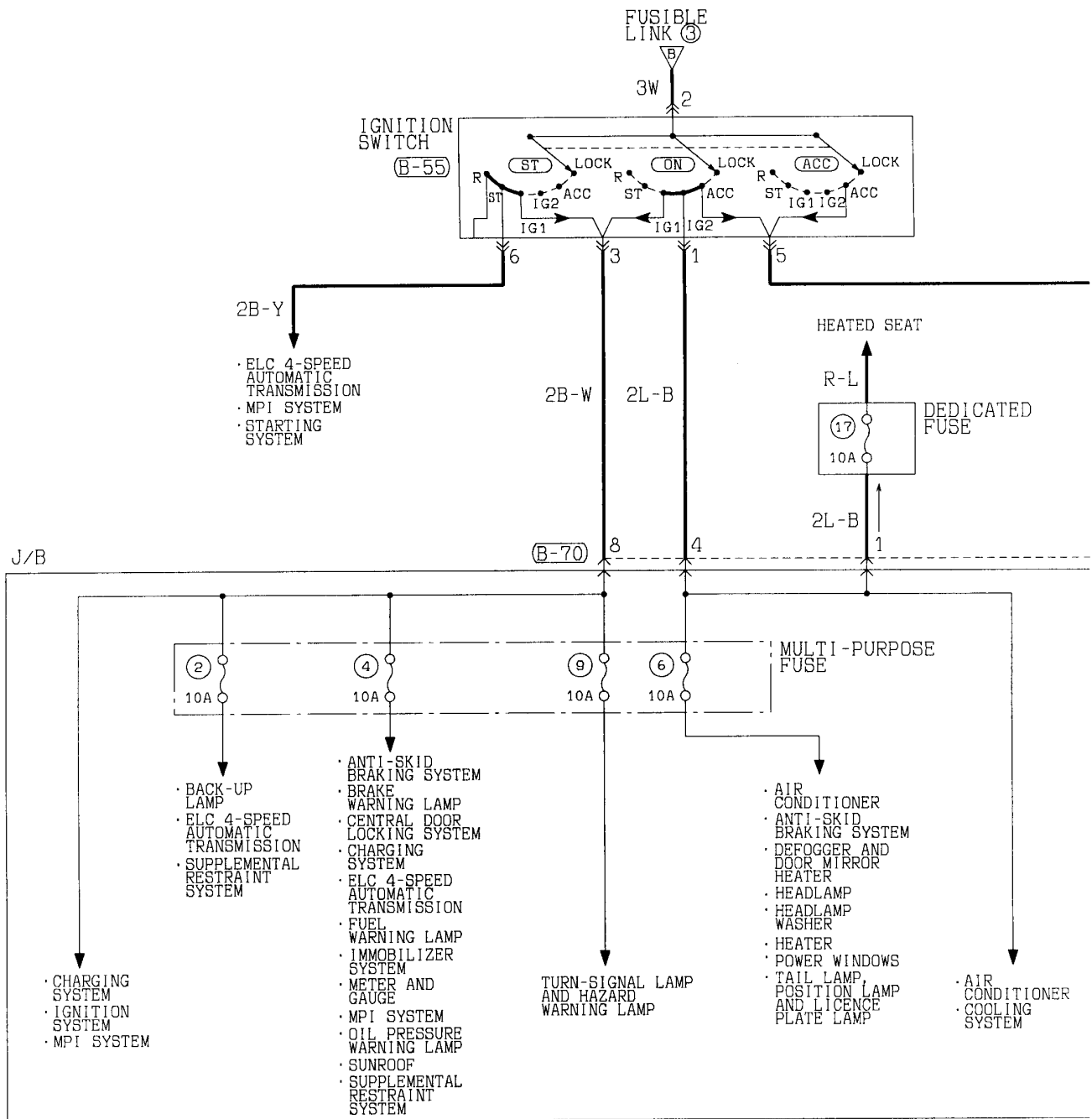
Vehicles with daytime running lamp



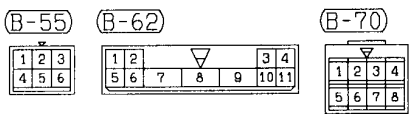


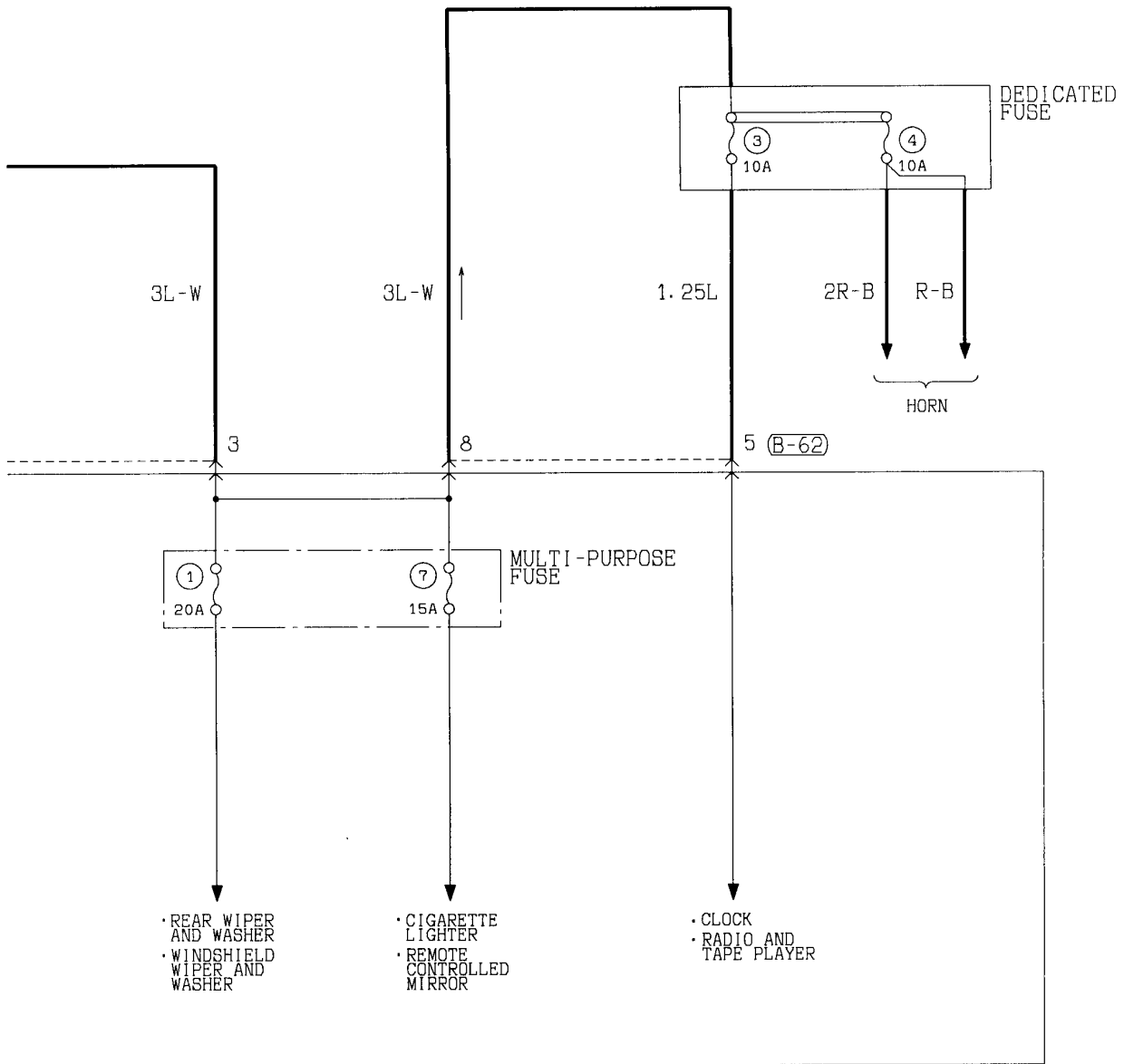
POWER DISTRIBUTION SYSTEM

Vehicles with daytime running lamp (CONTINUED)

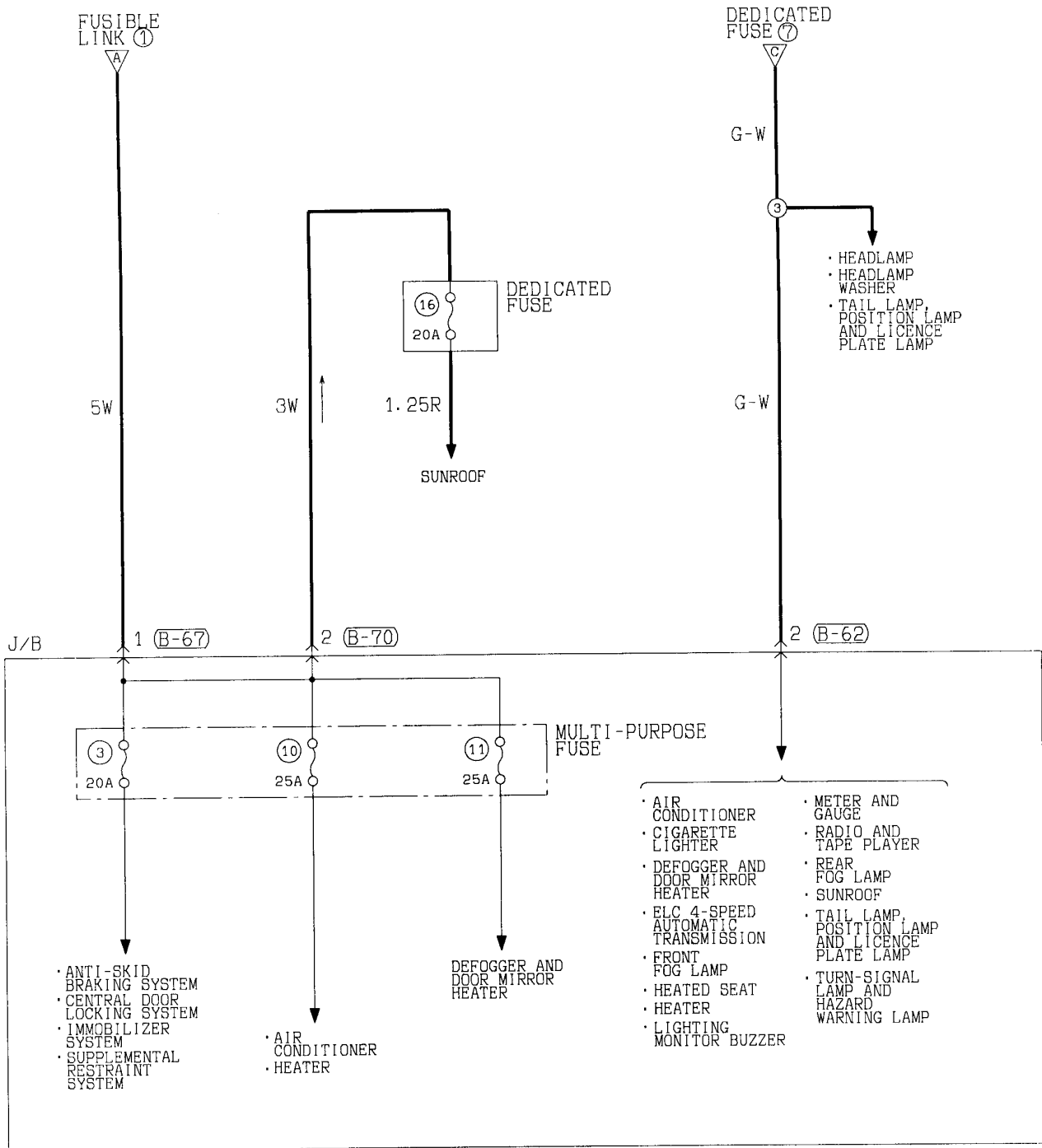


REMARK
 THE ABOVE CIRCUIT DIAGRAM SHOWS THE CURRENT FLOW AT THE IGNITION KEY POSITION "ACC" "ON" AND "ST" COMBINED. BE SURE TRACE THE APPROPRIATE CIRCUIT DEPENDING ON THE IGNITION KEY POSITION.

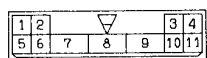




POWER DISTRIBUTION SYSTEM
Vehicles with daytime running lamp (CONTINUED)



(B-62)



(B-67)



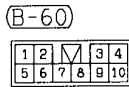
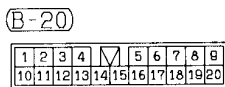
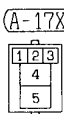
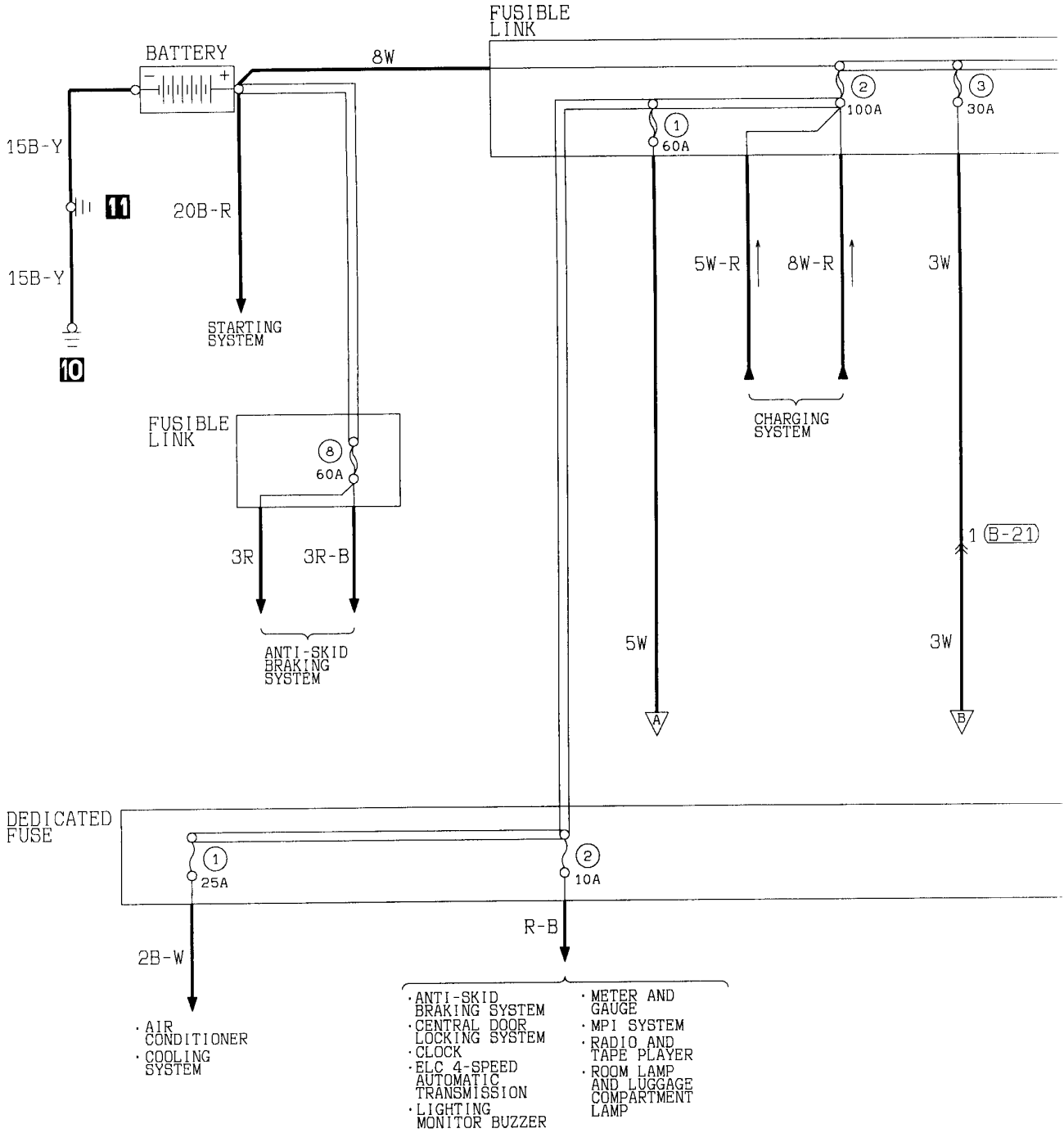
(B-70)



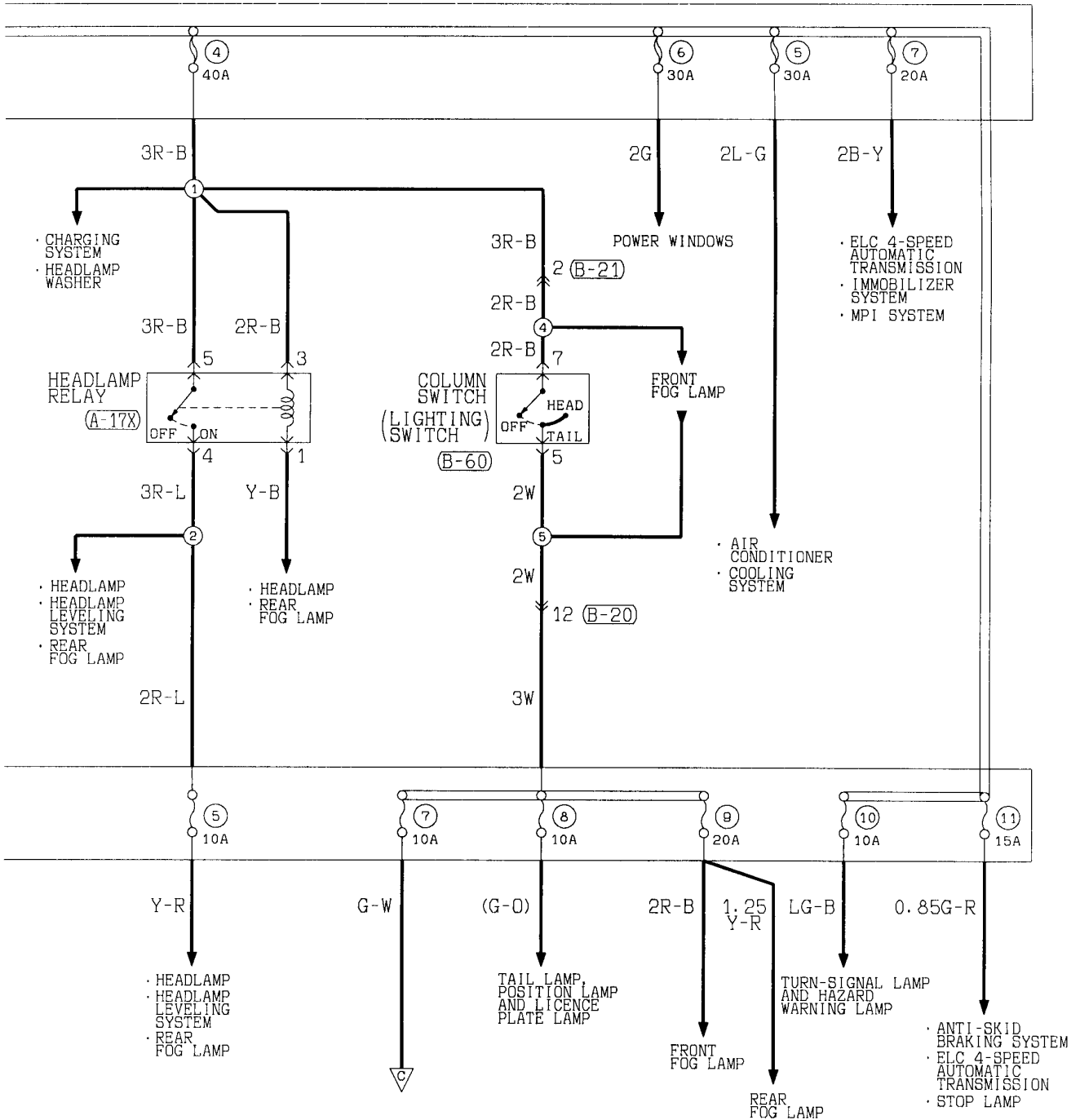
NOTES

POWER DISTRIBUTION SYSTEM

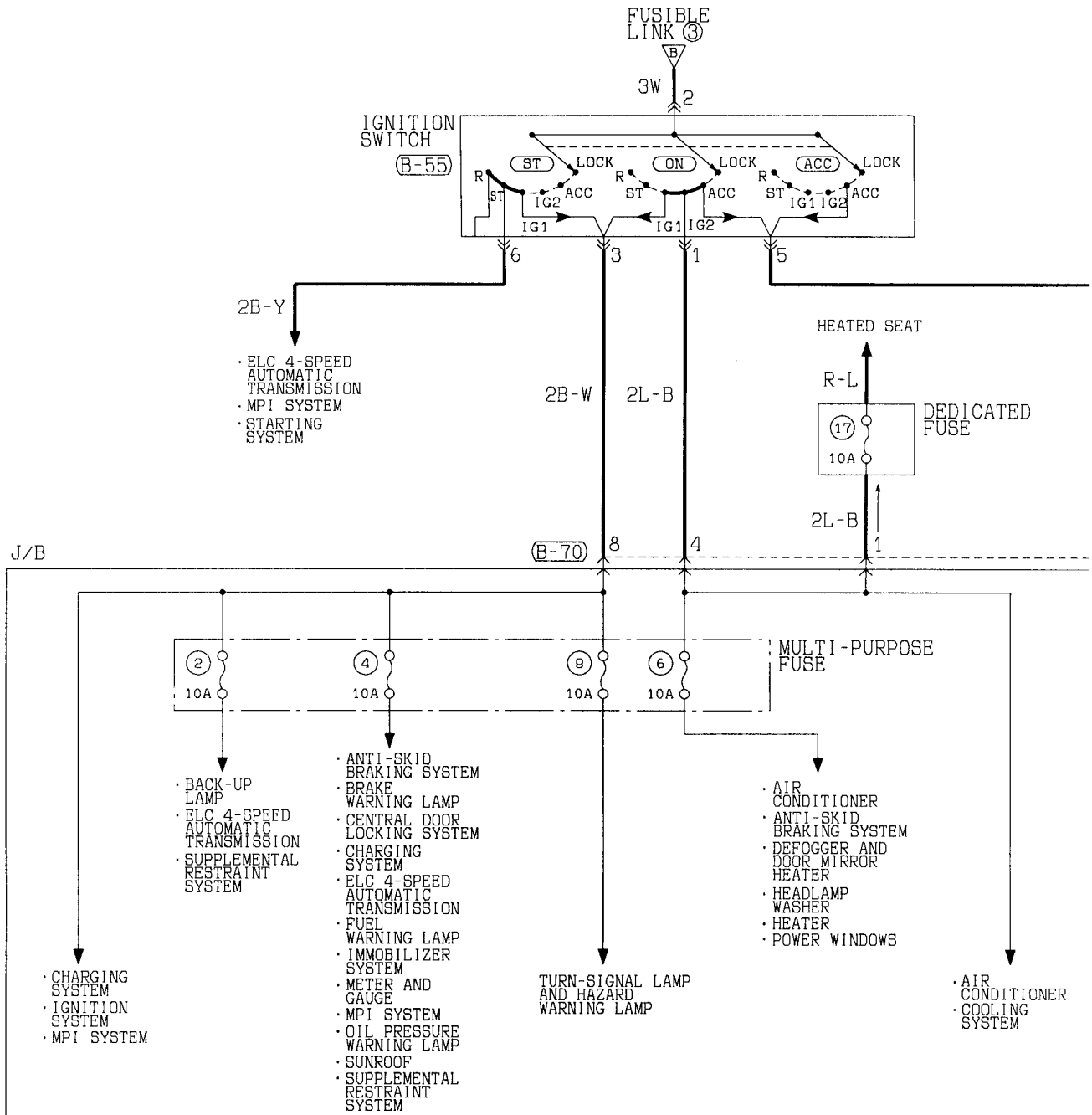
Vehicles without daytime running lamp



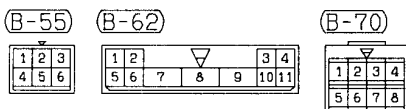
CIRCUIT DIAGRAM

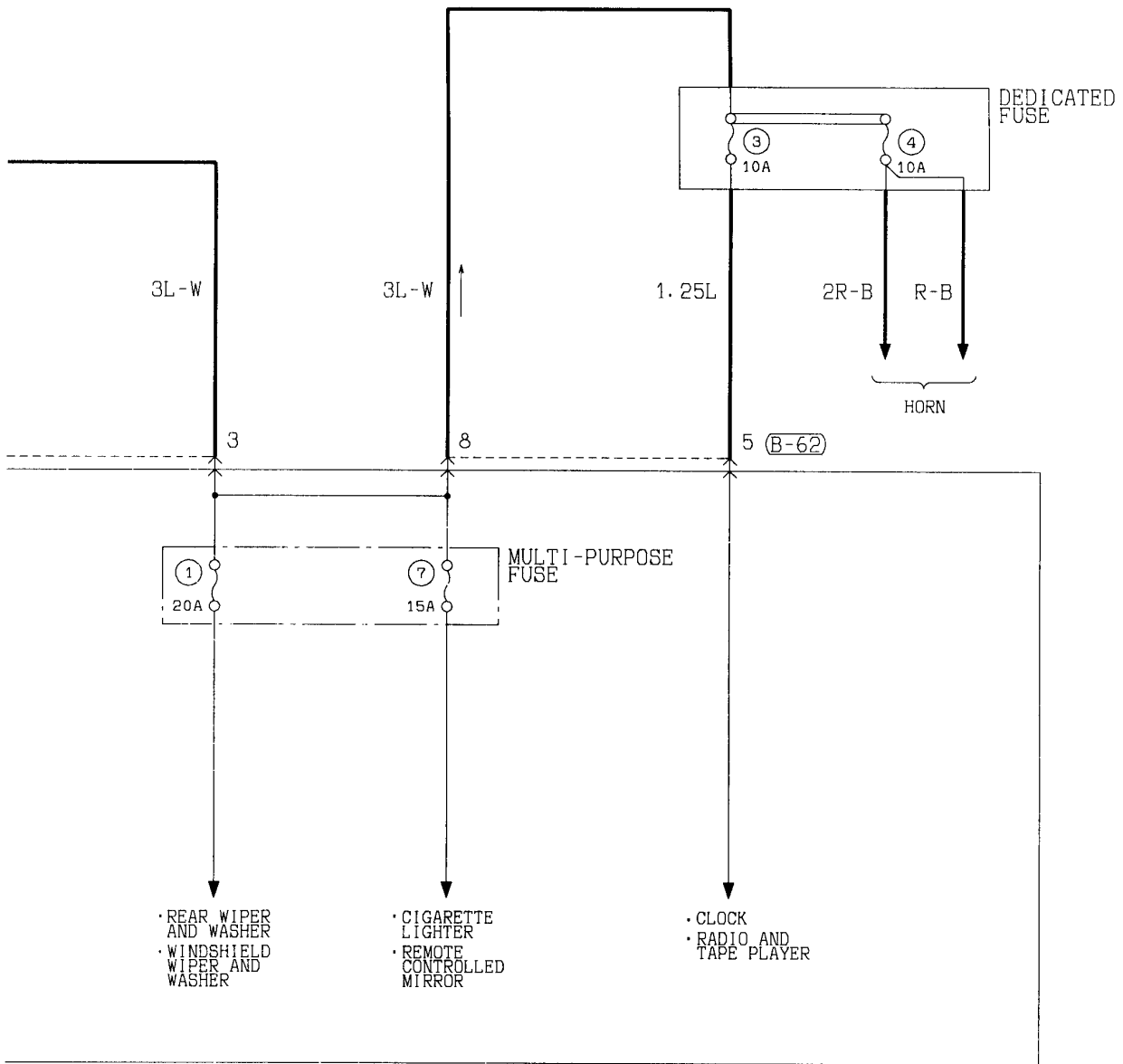


POWER DISTRIBUTION SYSTEM
Vehicles without daytime running lamp (CONTINUED)

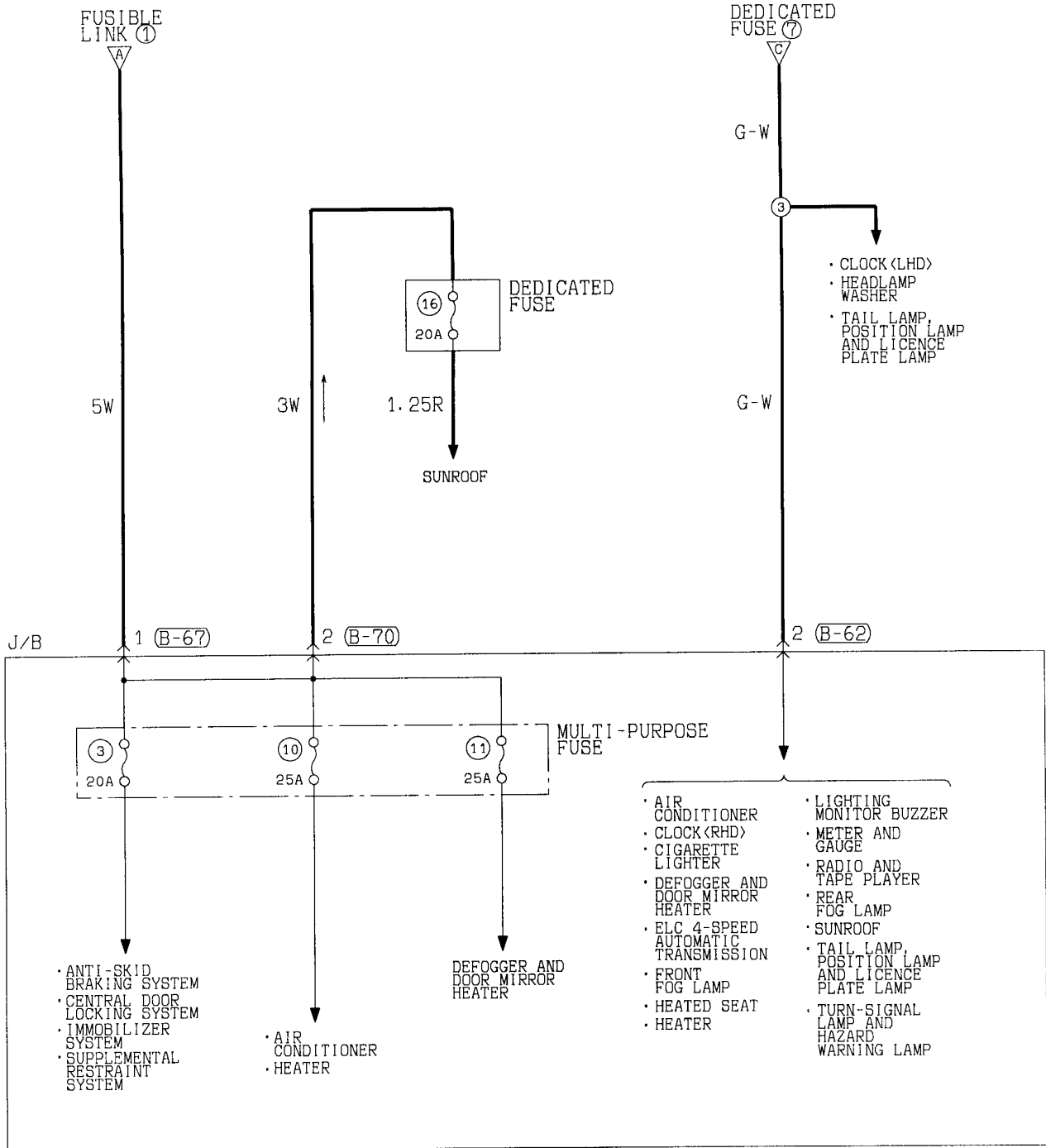


REMARK
 THE ABOVE CIRCUIT DIAGRAM SHOWS THE CURRENT FLOW AT THE IGNITION KEY POSITION "ACC", "ON" AND "ST" COMBINED. BE SURE TRACE THE APPROPRIATE CIRCUIT DEPENDING ON THE IGNITION KEY POSITION.

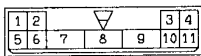




POWER DISTRIBUTION SYSTEM
Vehicles without daytime running lamp (CONTINUED)



(B-62)



(B-67)



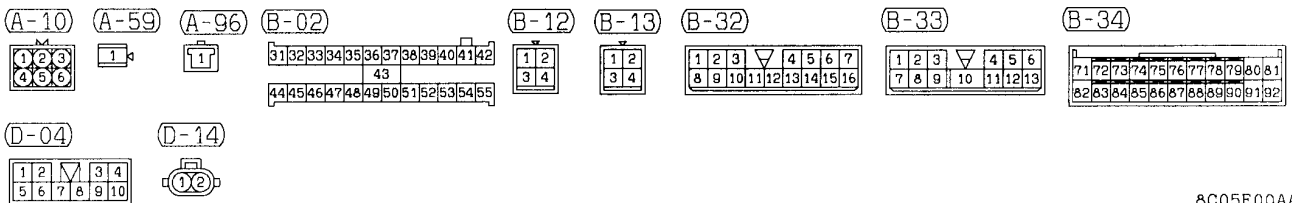
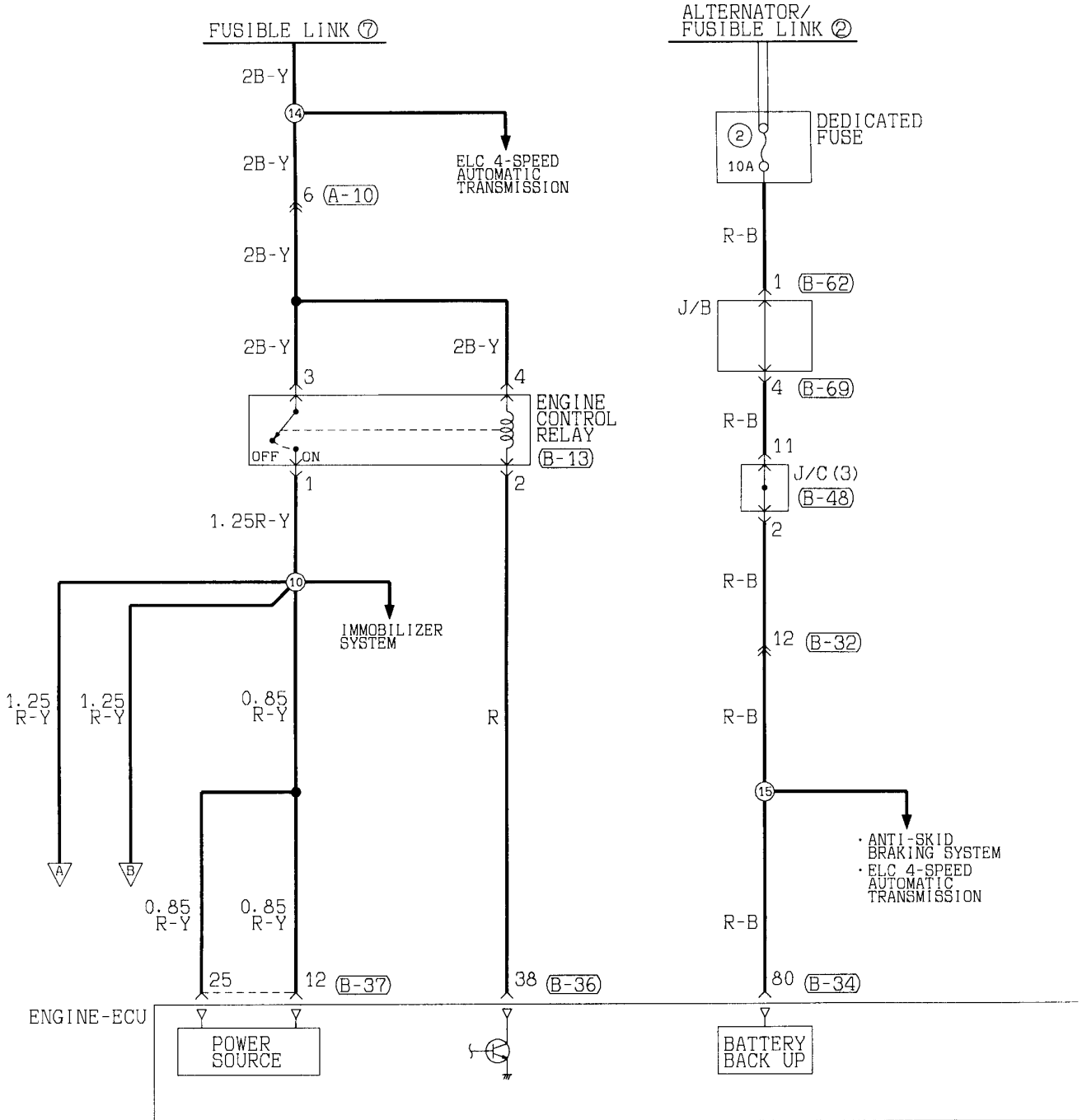
(B-70)

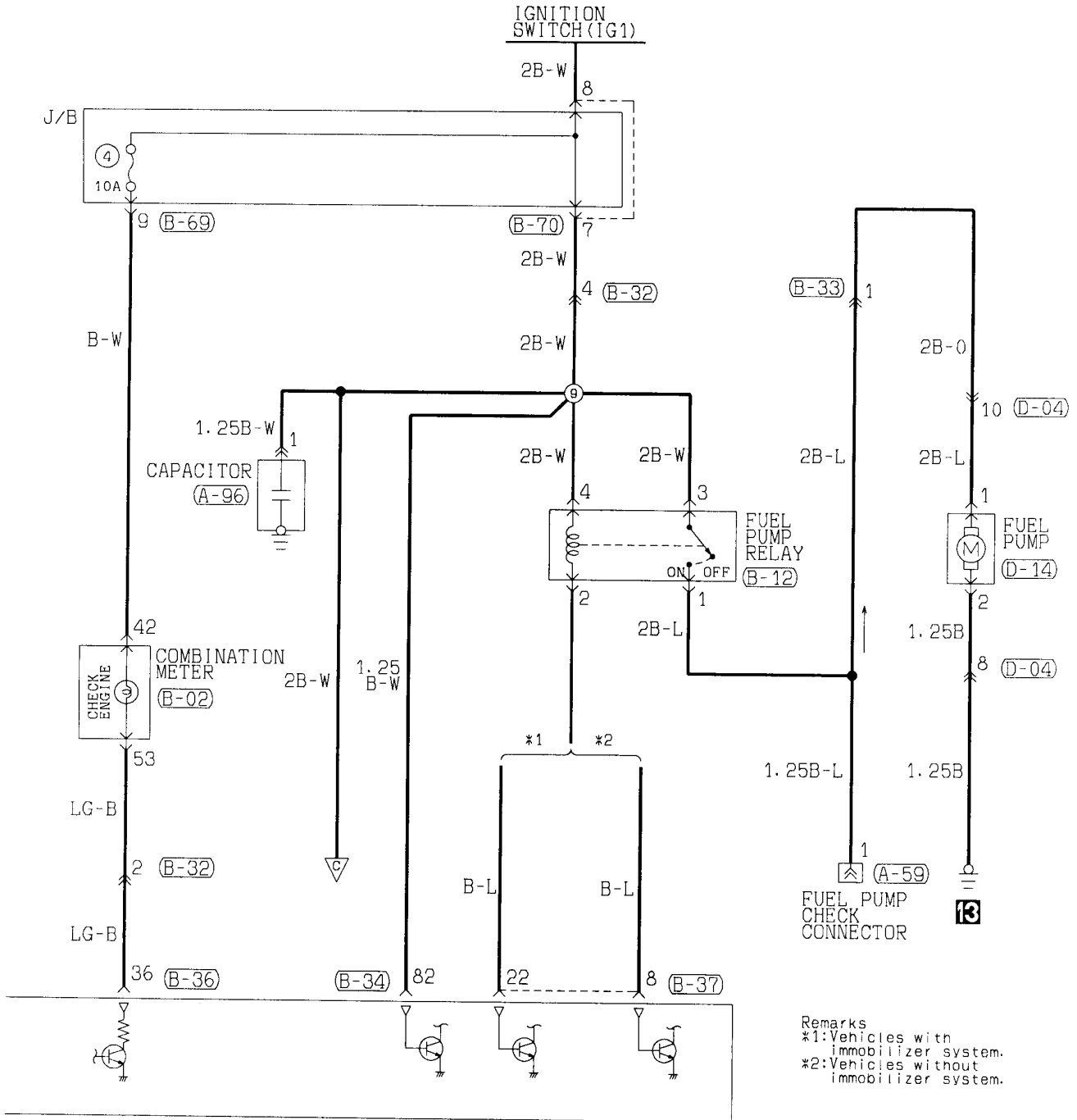


NOTES

MPI SYSTEM

4G13 <L.H. drive vehicles>





Remarks
 *1: Vehicles with immobilizer system.
 *2: Vehicles without immobilizer system.

(B-36)

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

(B-37)

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-48)

1	2	3	4	5	6		
7	8	9	10	11	12	13	14

(B-62)

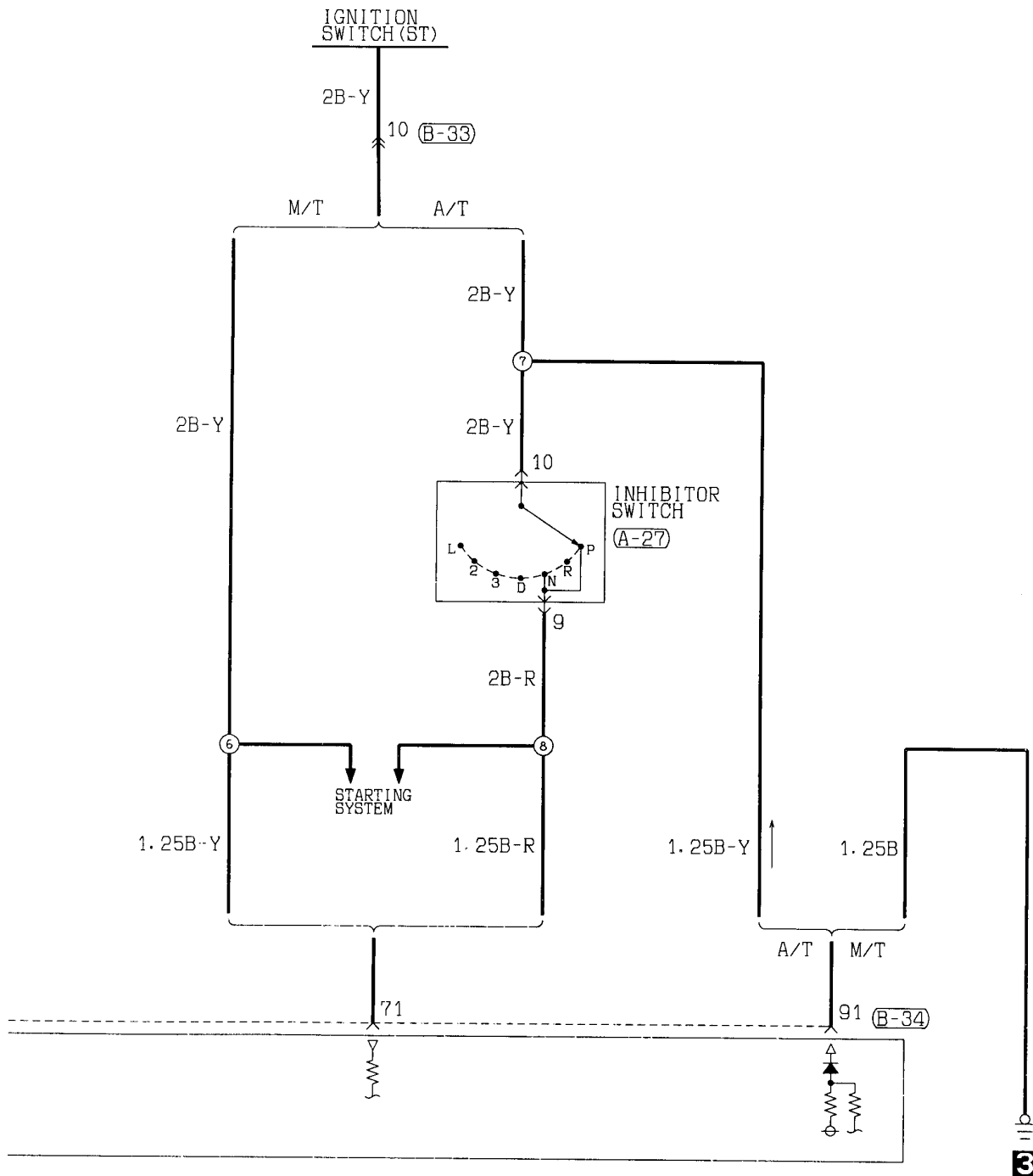
1	2	3	4			
5	6	7	8	9	10	11

(B-69)

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

(B-70)

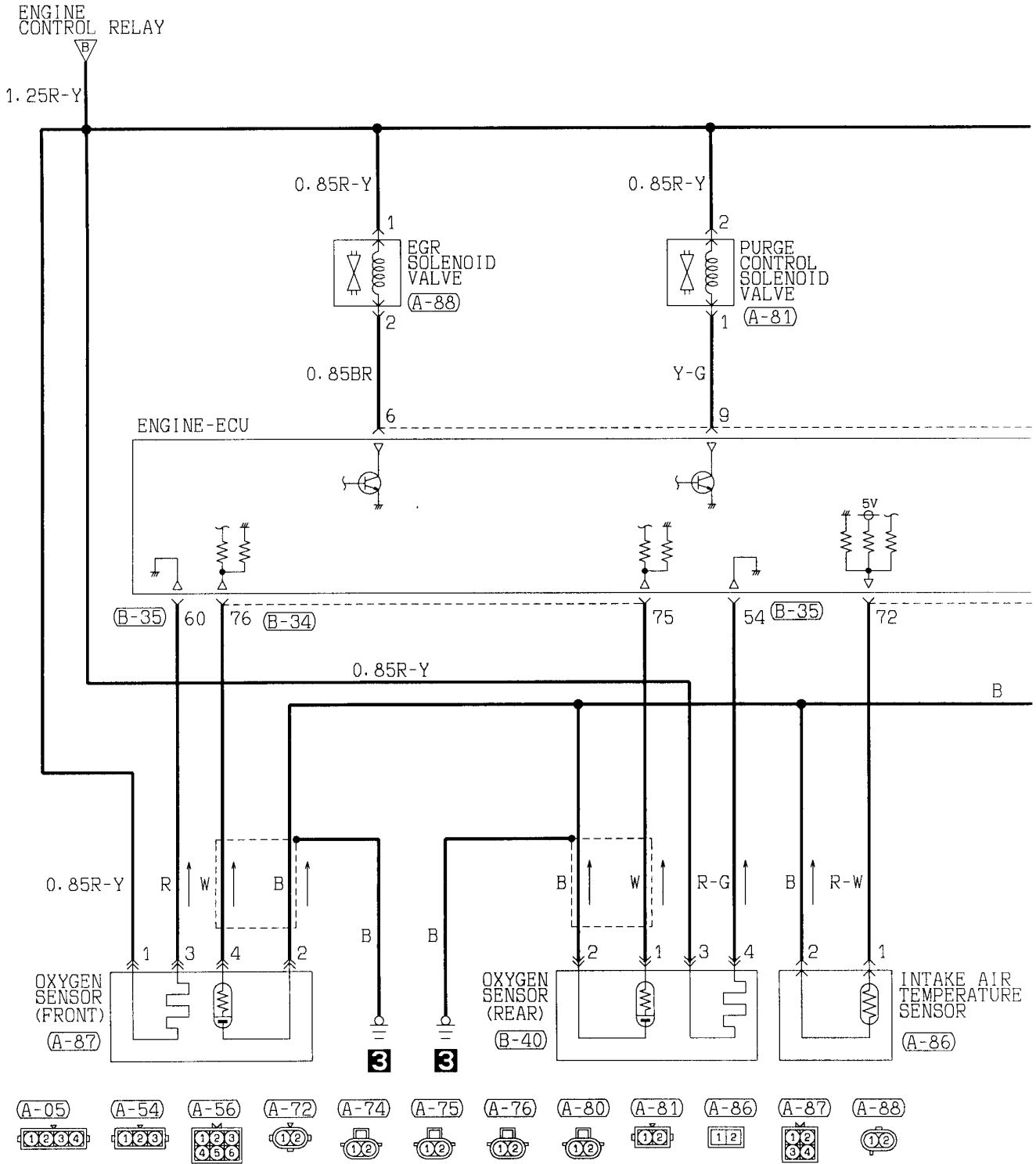
1	2	3	4
5	6	7	8

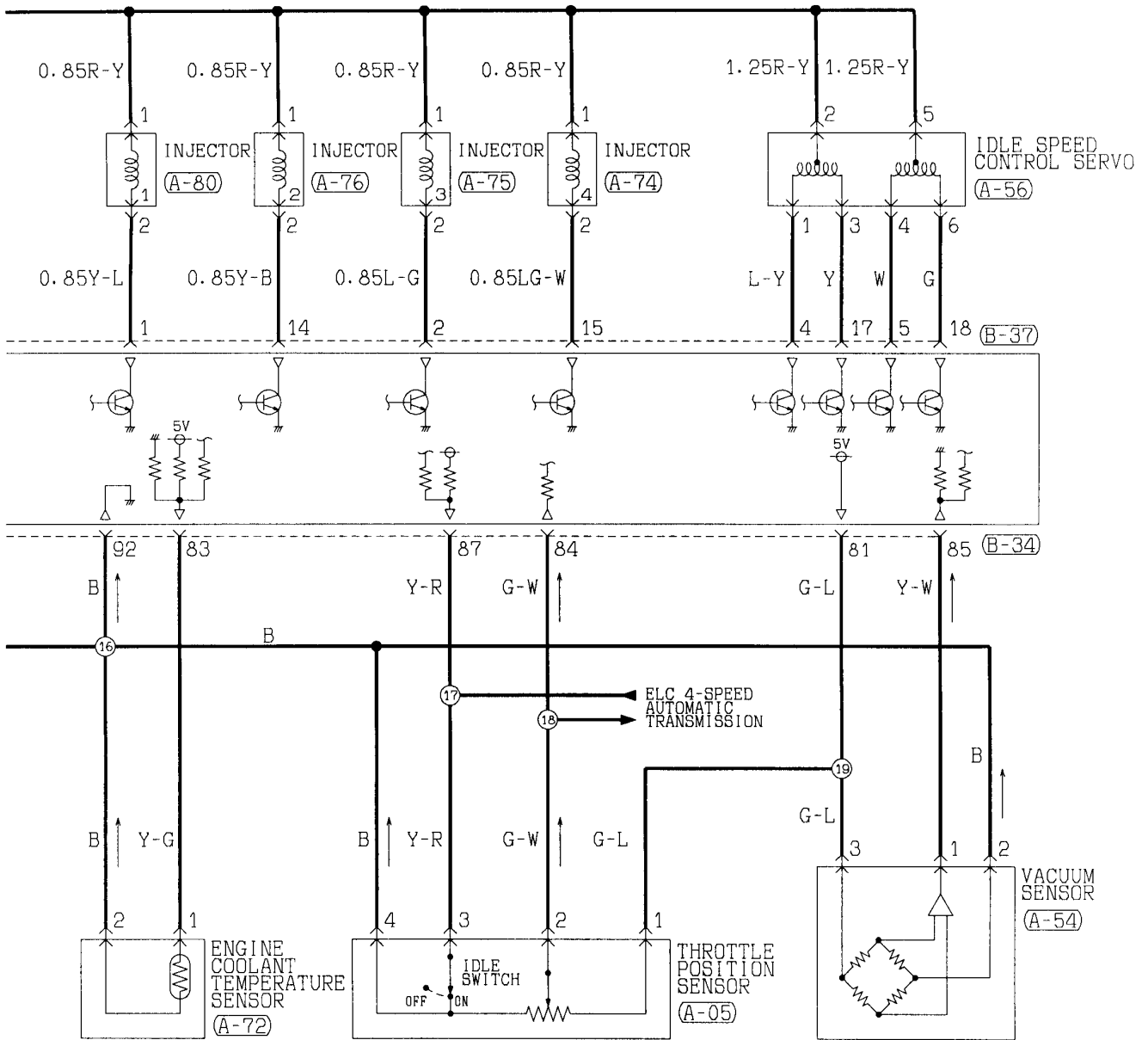


(B-37)

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

MPI SYSTEM
4G13 <L.H. drive vehicles> (CONTINUED)





(B-34)

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

(B-35)

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

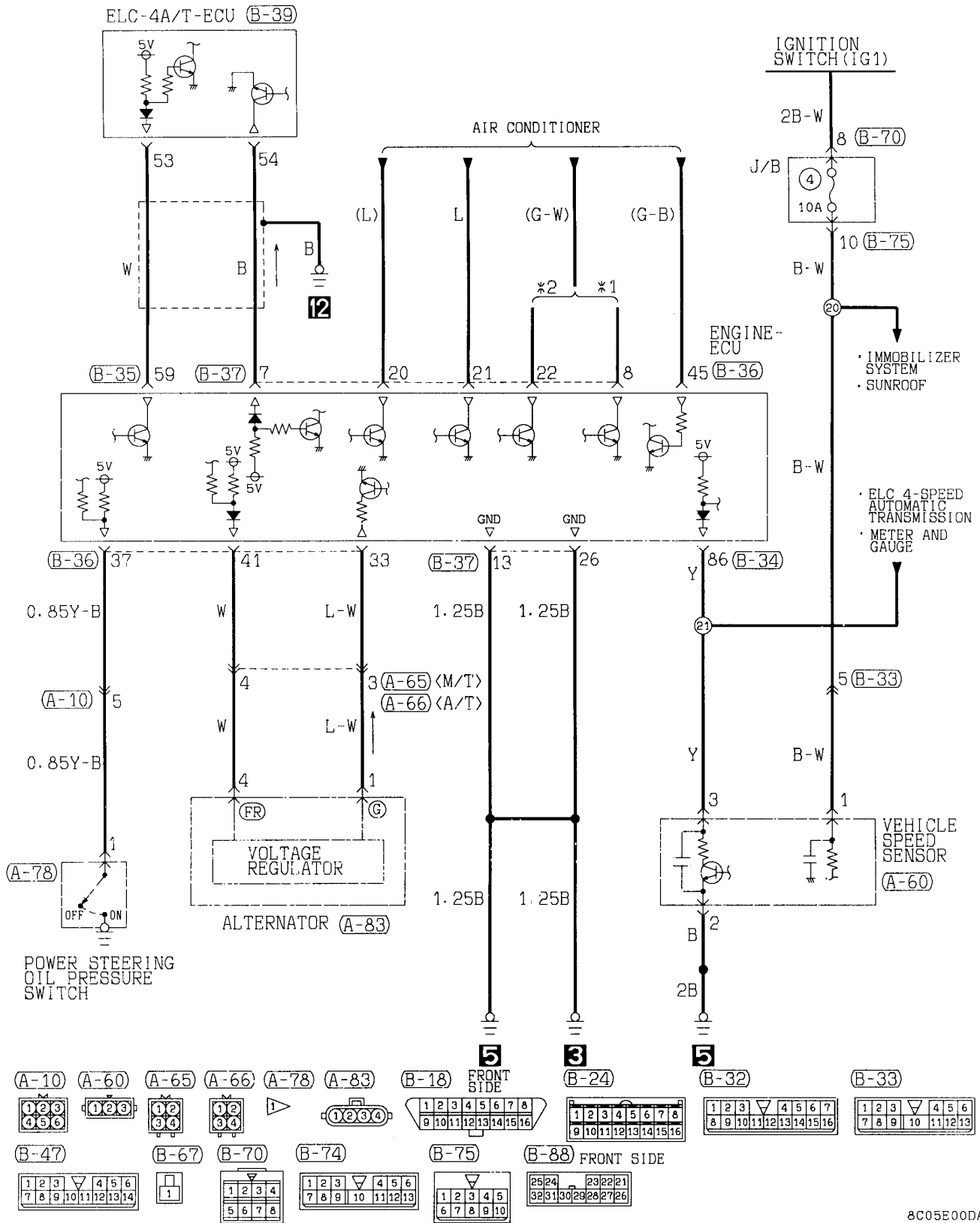
(B-37)

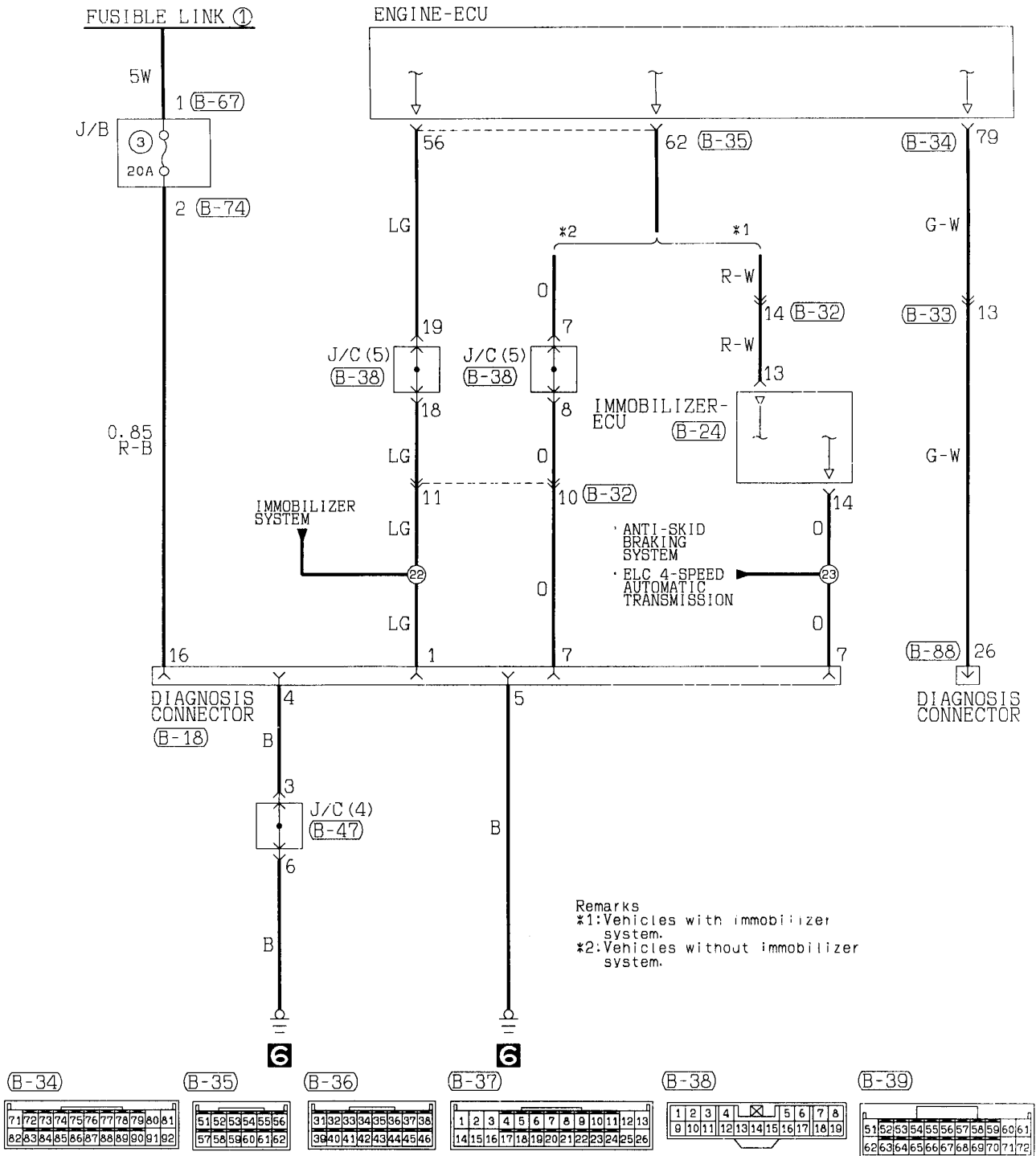
1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

(B-40)

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

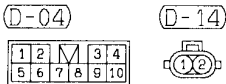
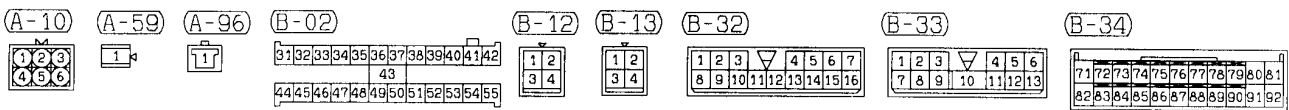
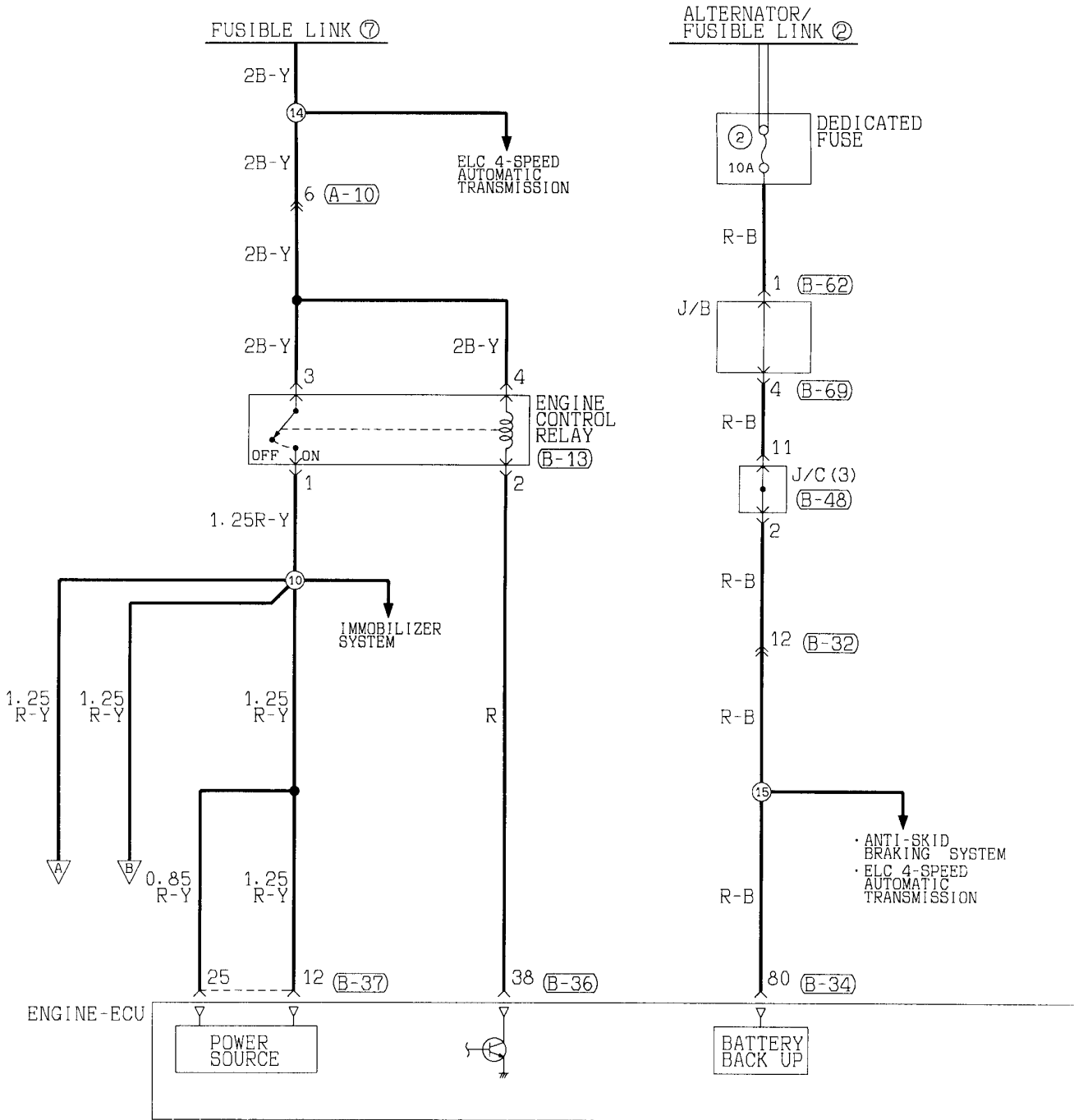
MPI SYSTEM
4G13 <L.H. drive vehicles> (CONTINUED)

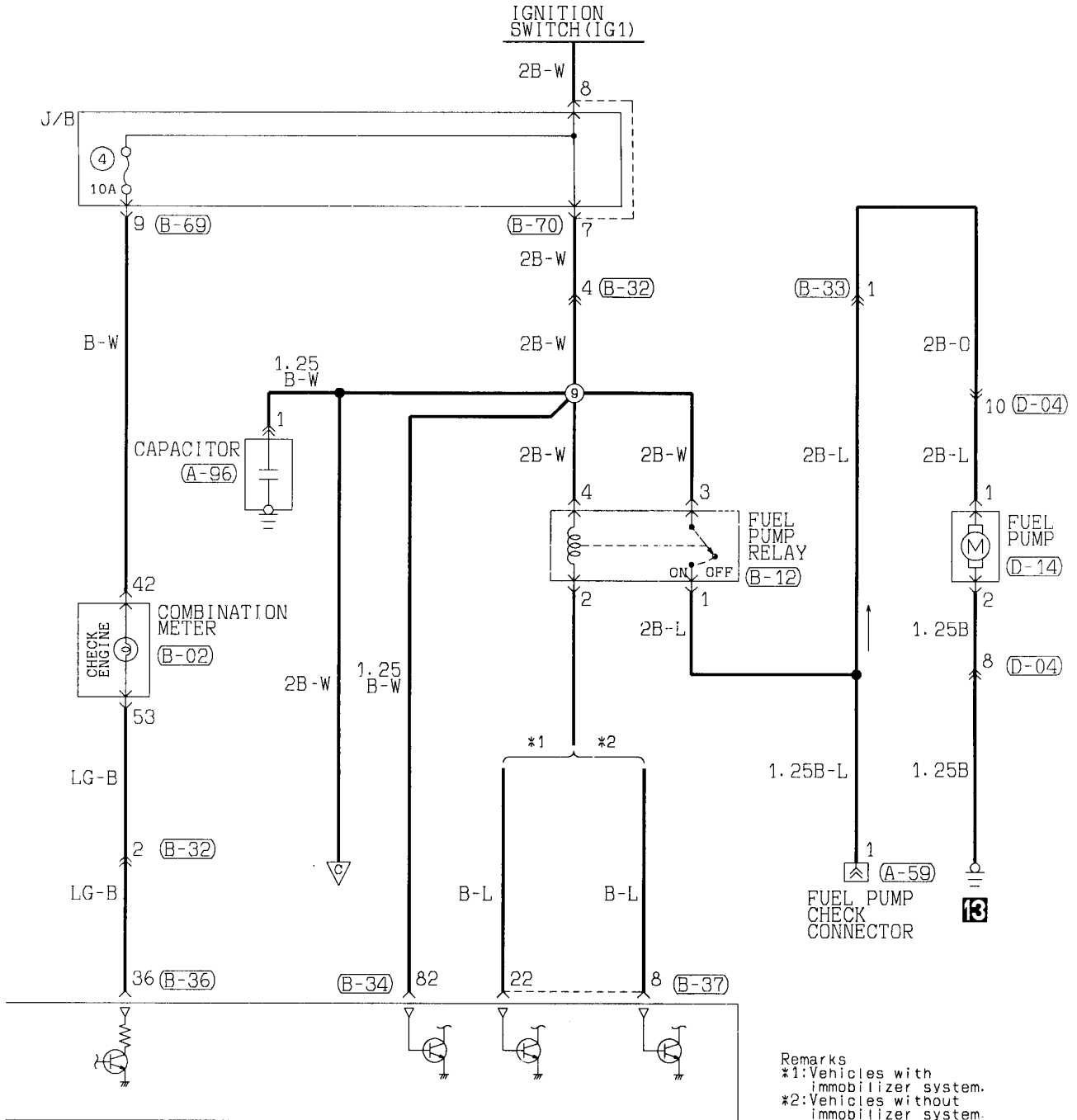




MPI SYSTEM

4G13 <R.H. drive vehicles>





(B-36)

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

(B-37)

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-48)

1	2	3	4	5	6		
7	8	9	10	11	12	13	14

(B-62)

1	2	3	4			
5	6	7	8	9	10	11

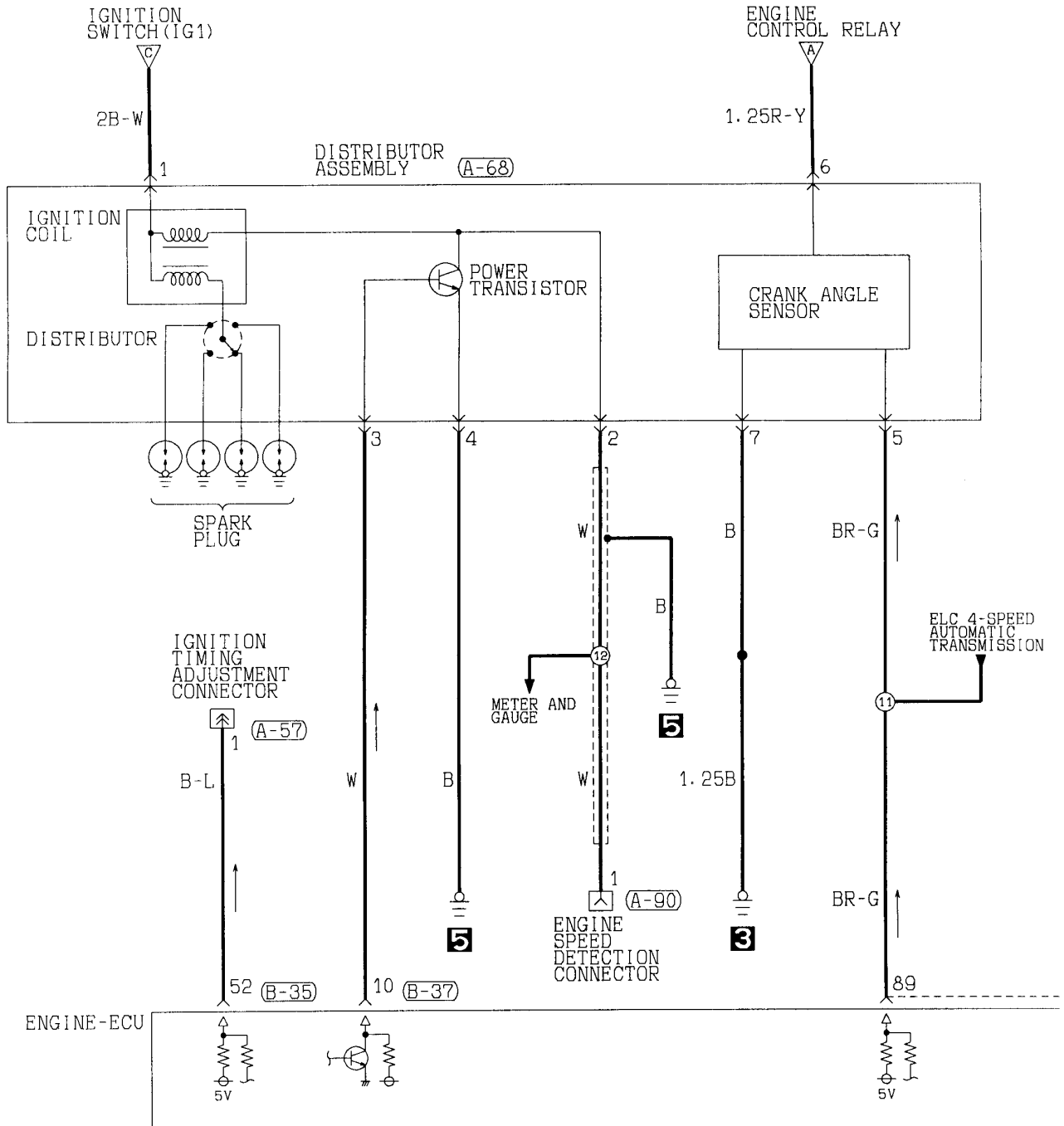
(B-69)

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

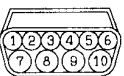
(B-70)

1	2	3	4
5	6	7	8

MPI SYSTEM
4G13 <R.H. drive vehicles> (CONTINUED)



(A-27)



(A-57)



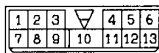
(A-68)



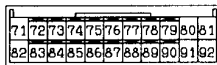
(A-90)



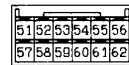
(B-33)

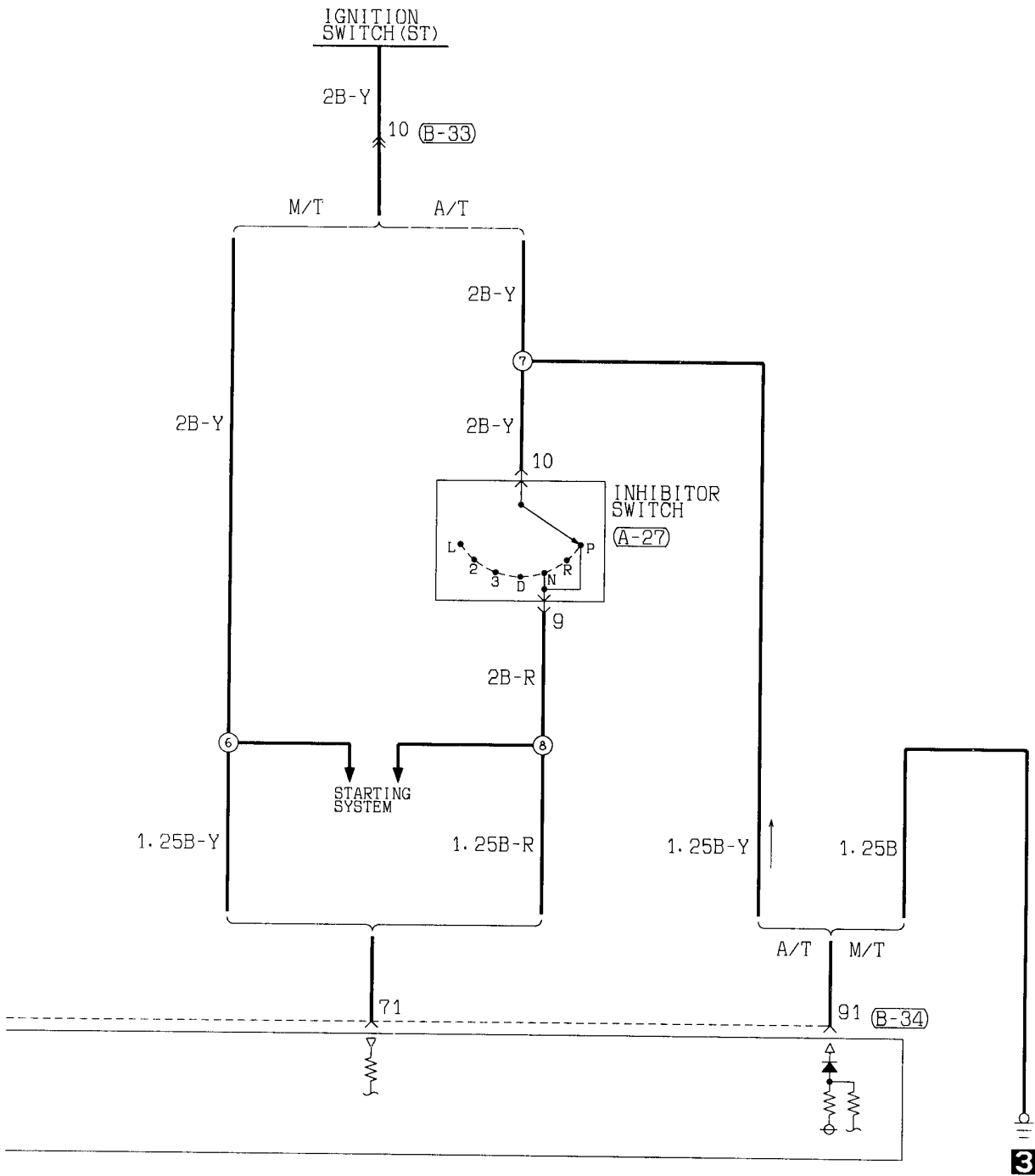


(B-34)



(B-35)

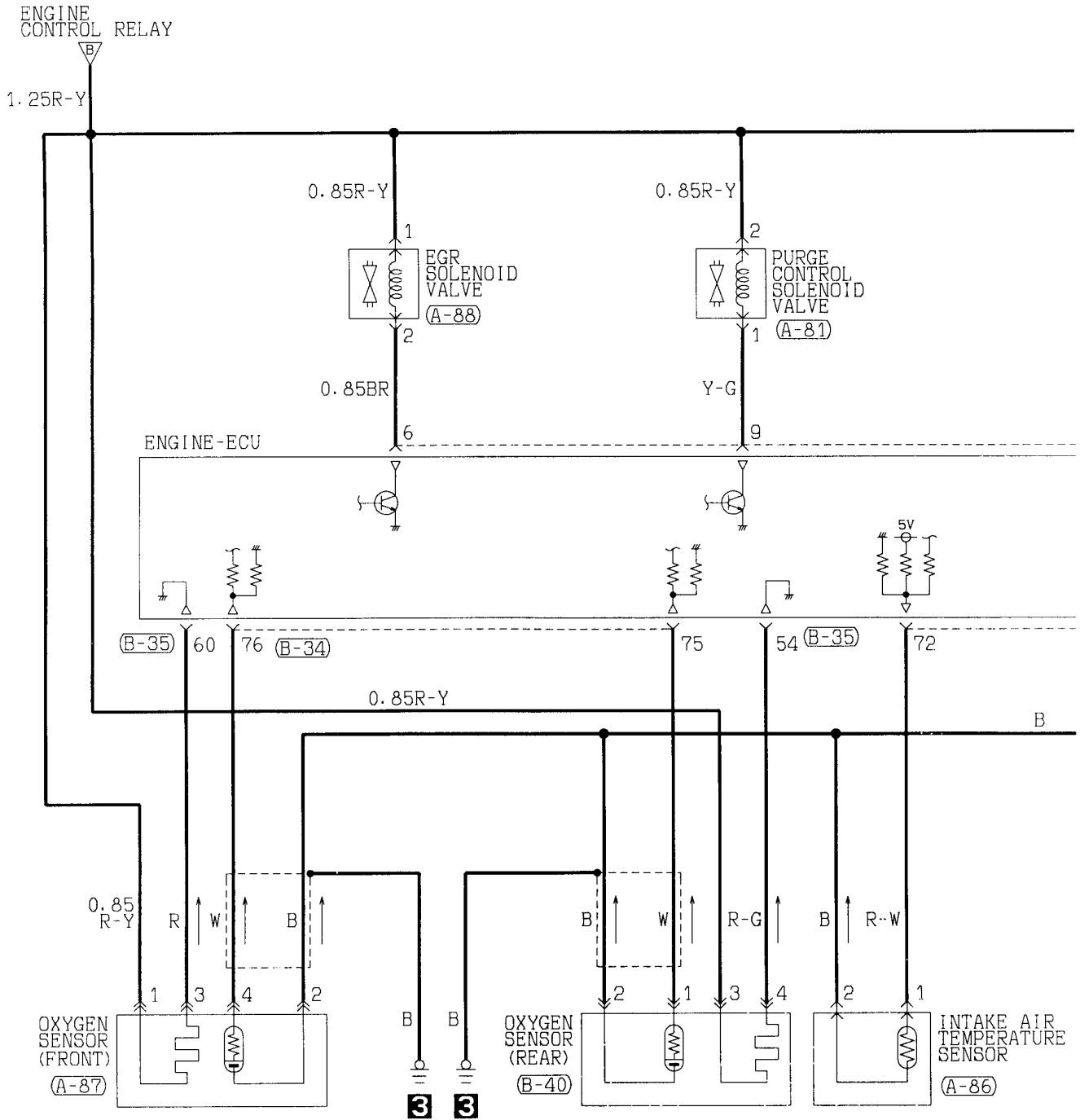




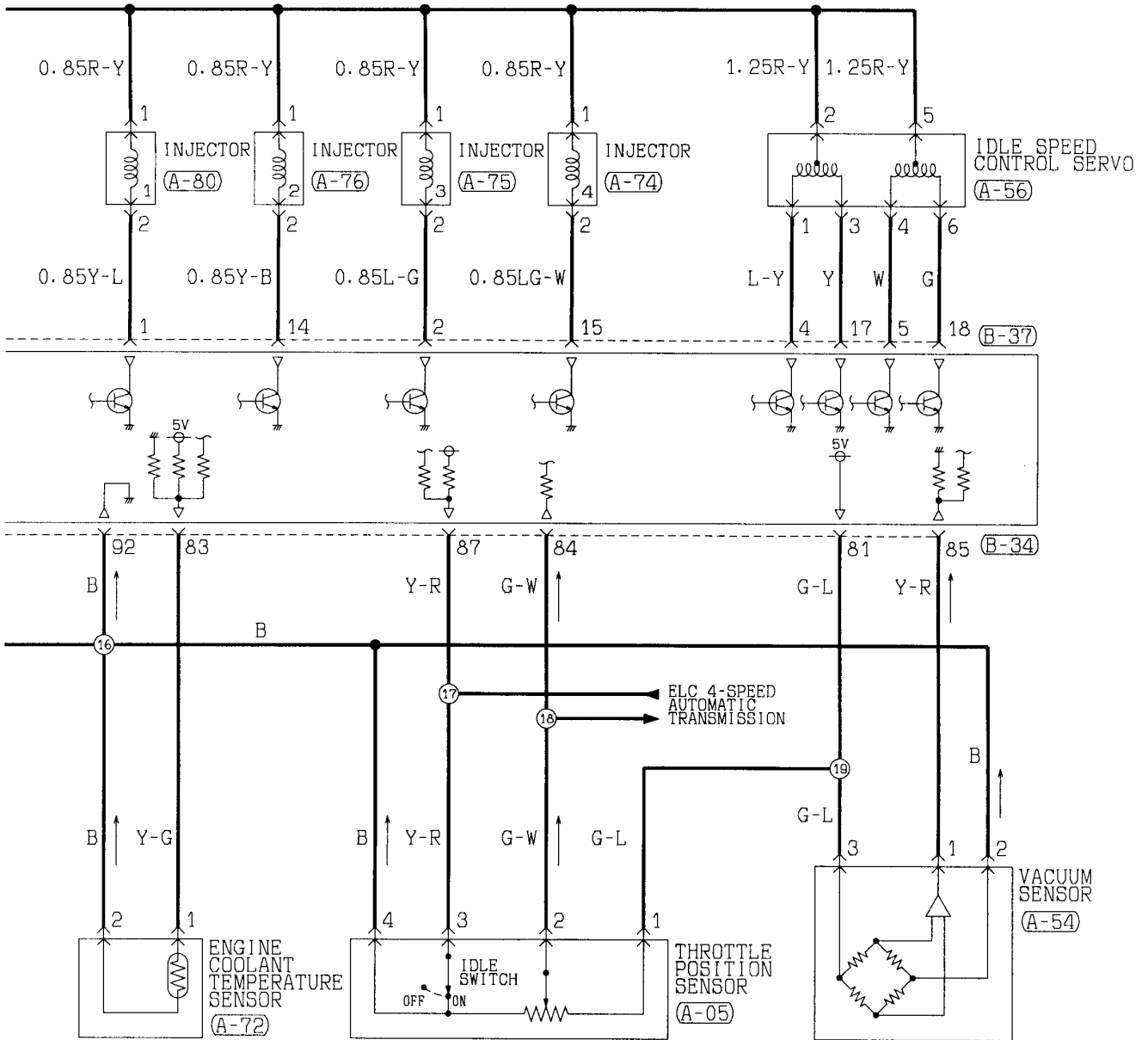
(B-37)

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

MPI SYSTEM
4G13 <R.H. drive vehicles> (CONTINUED)



- (A-05)
- (A-54)
- (A-56)
- (A-72)
- (A-74)
- (A-75)
- (A-76)
- (A-80)
- (A-81)
- (A-86)
- (A-87)
- (A-88)
- (B-34)



(B-35)

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

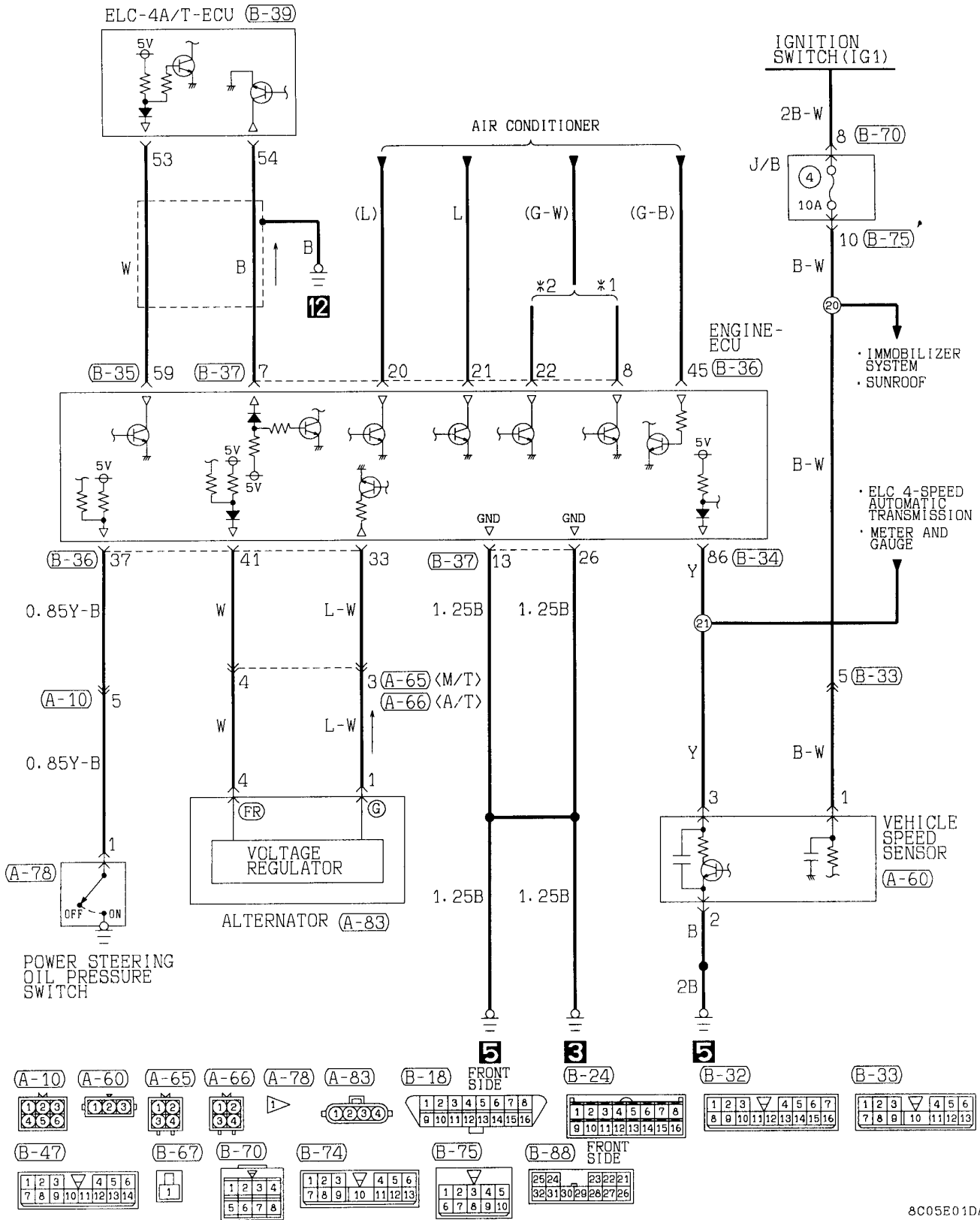
(B-37)

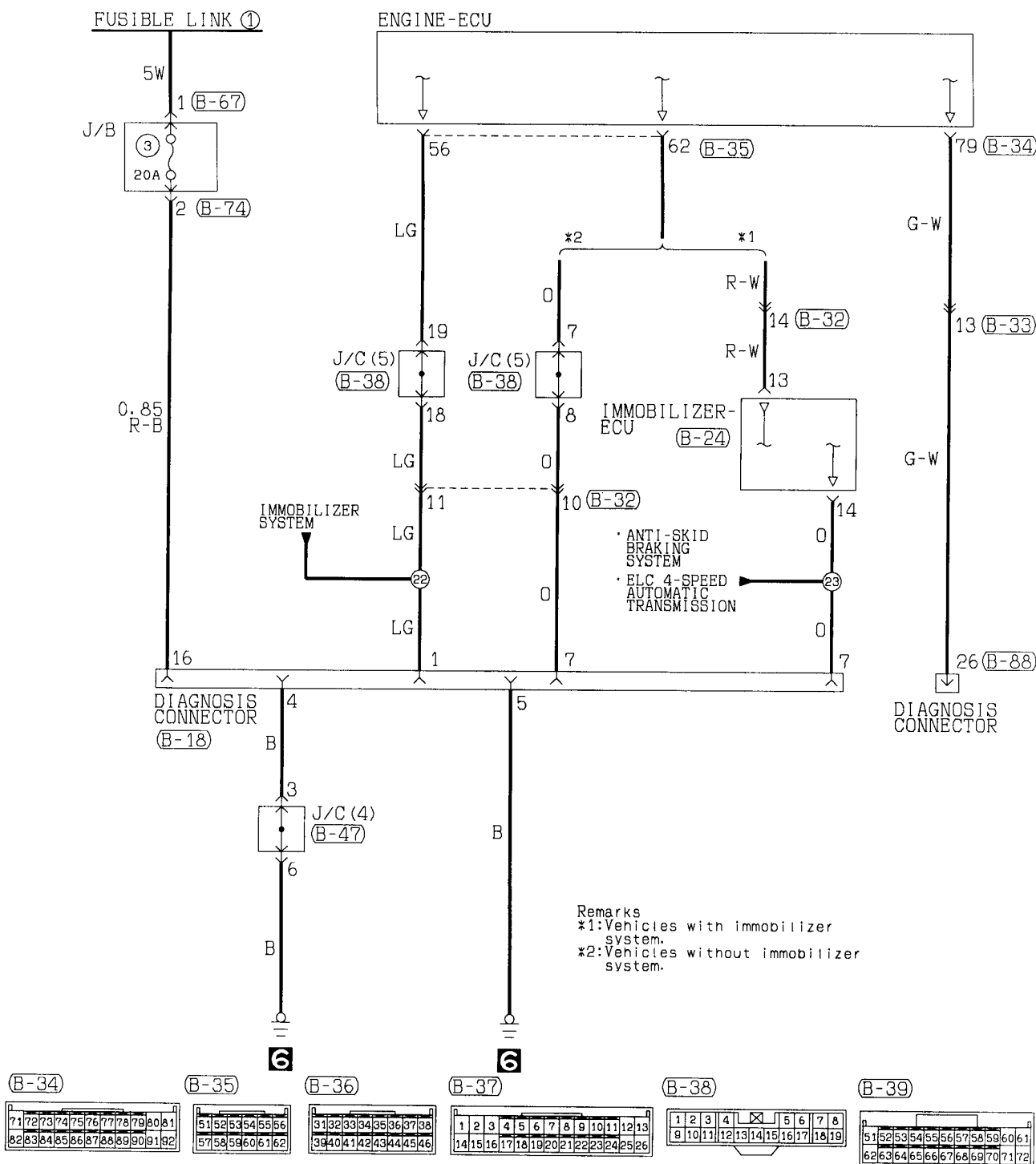
1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

(B-40)

1	2	3	4
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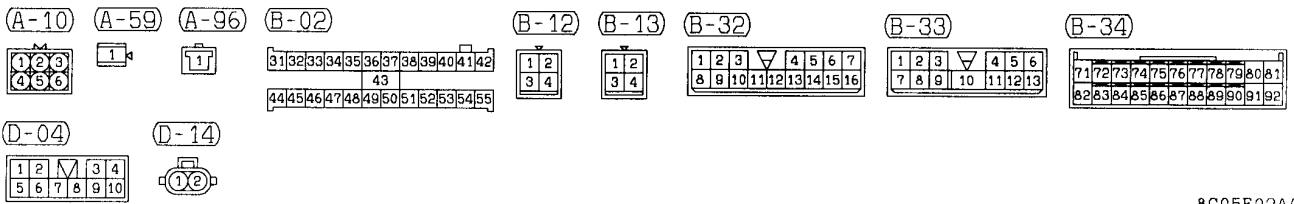
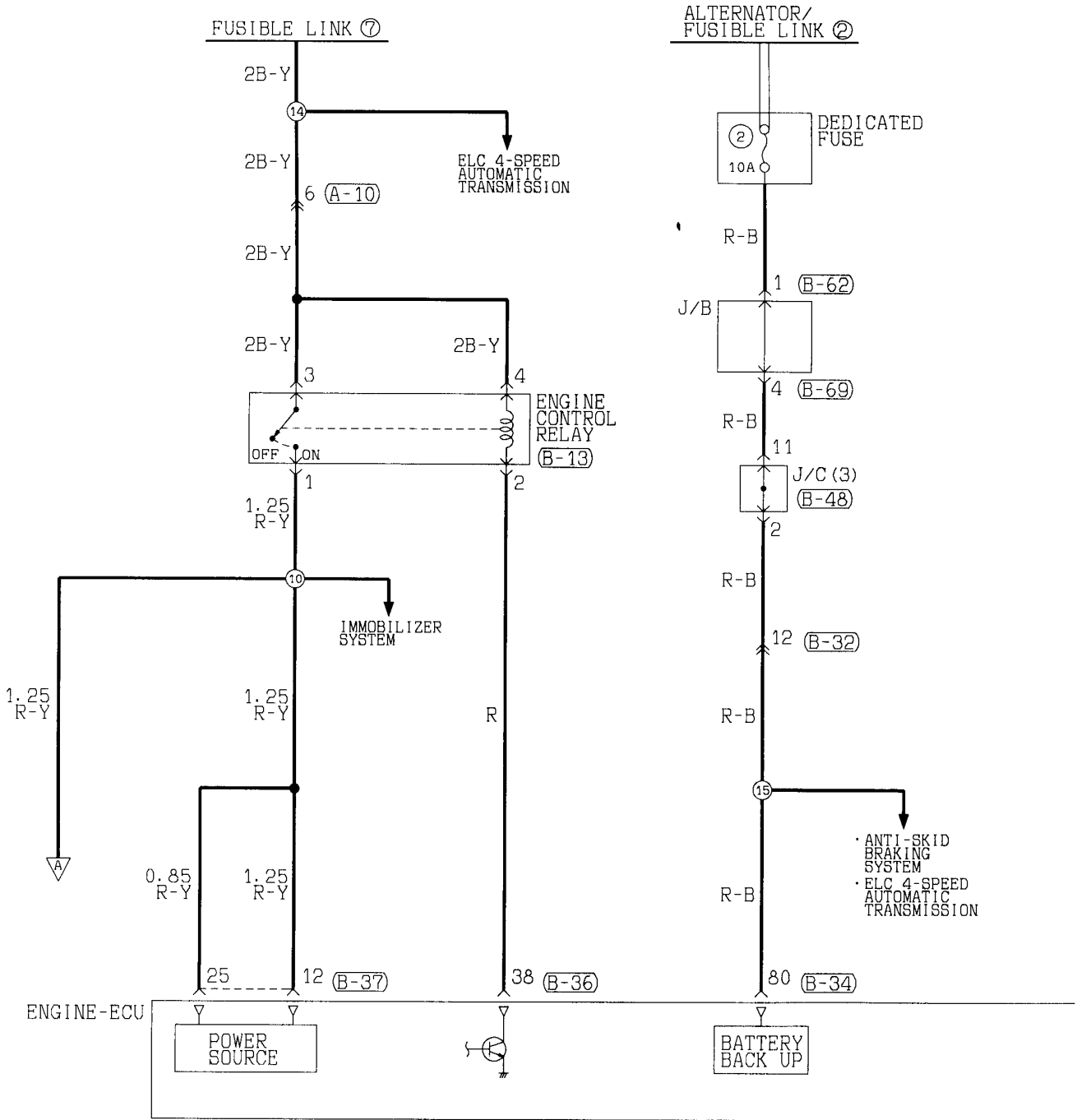
MPI SYSTEM
4G13 <R.H. drive vehicles> (CONTINUED)

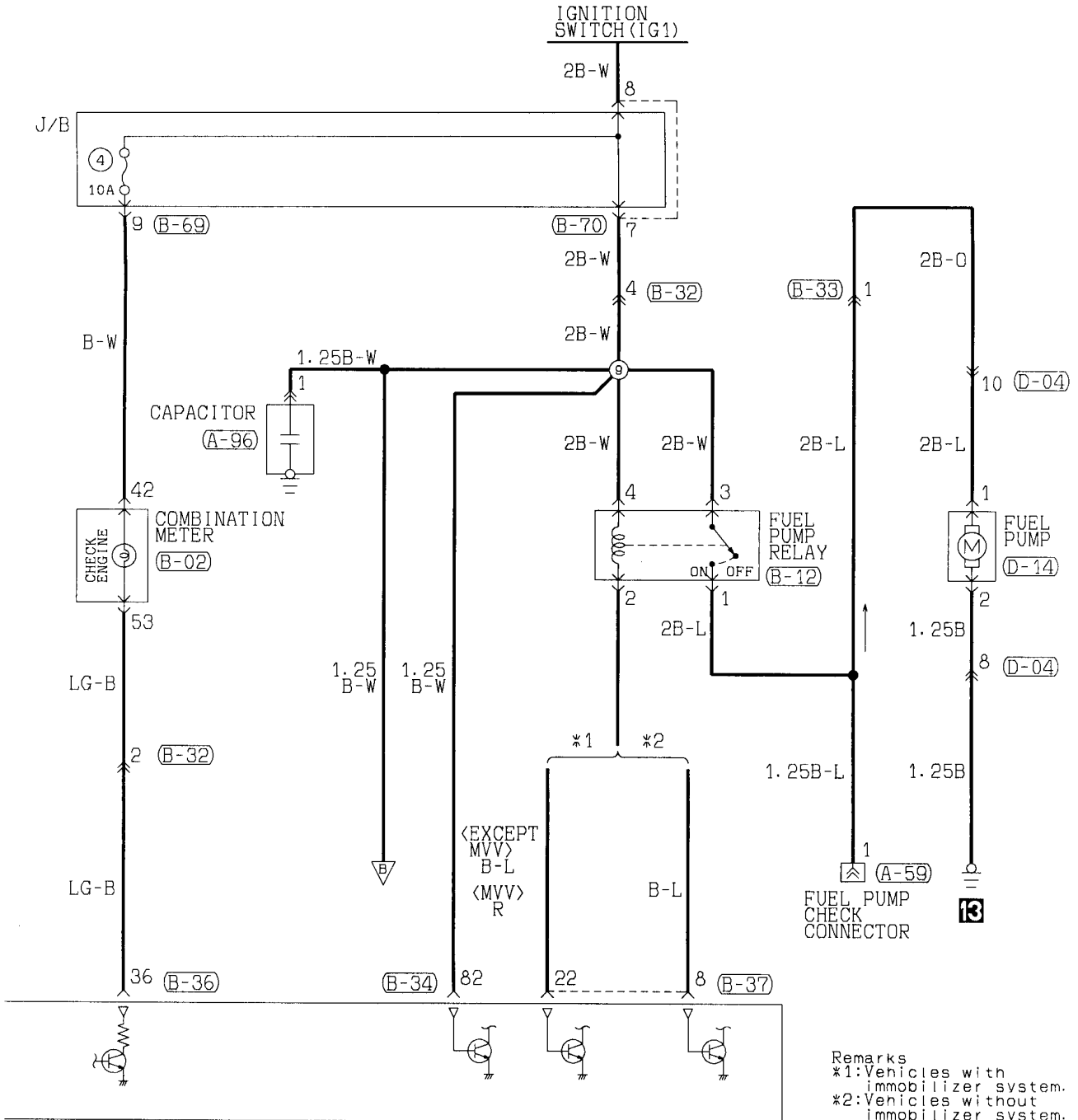




MPI SYSTEM

4G92 <L.H. drive vehicles>





(B-36)

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

(B-37)

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-48)

1	2	3	4	5	6		
7	8	9	10	11	12	13	14

(B-62)

1	2	3	4			
5	6	7	8	9	10	11

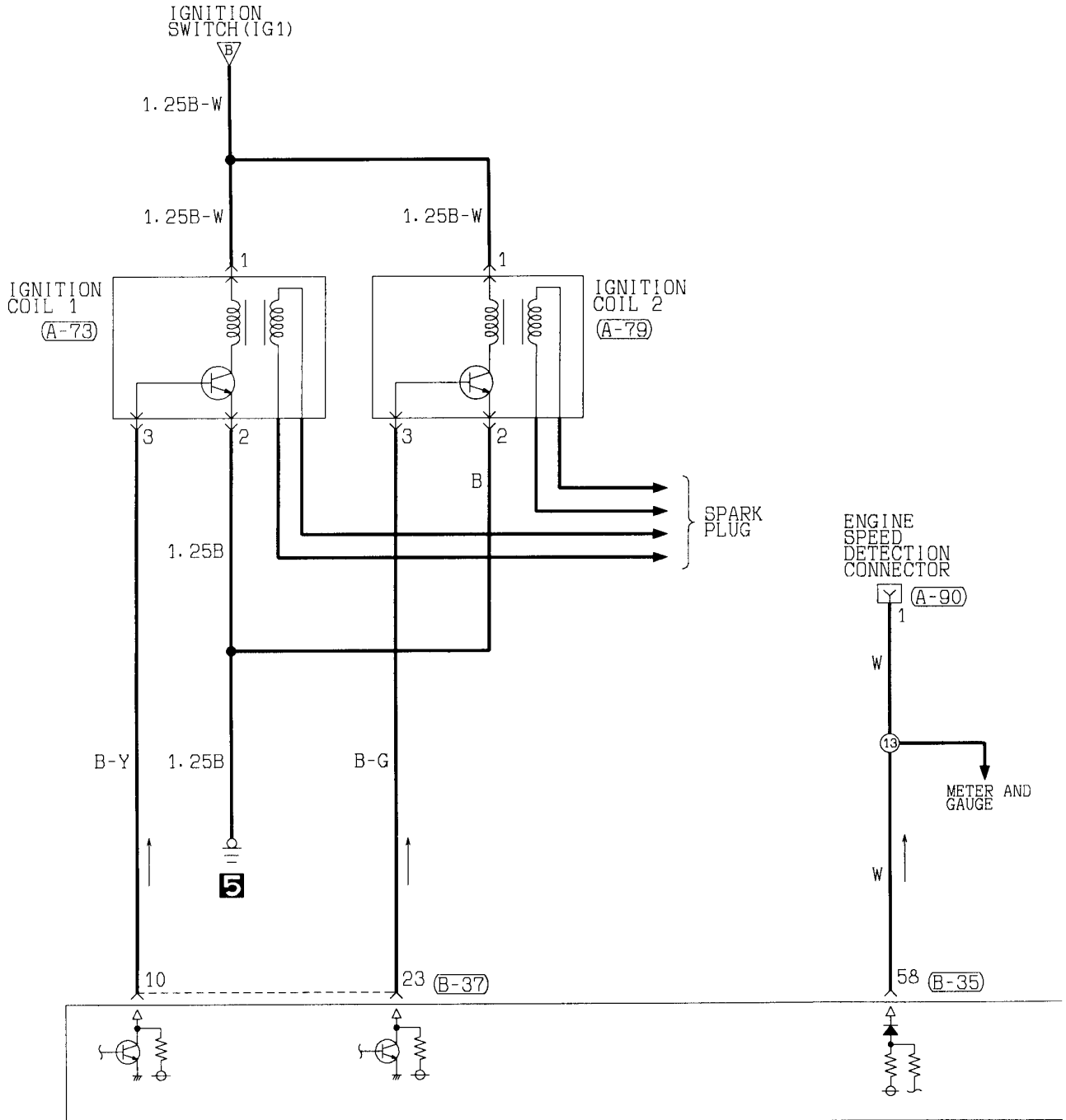
(B-69)

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

(B-70)

1	2	3	4
5	6	7	8

MPI SYSTEM
4G92 <L.H. drive vehicles> (CONTINUED)



(A-27)



(A-73)



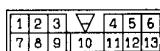
(A-79)



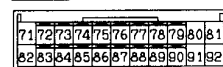
(A-90)



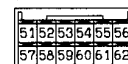
(B-33)



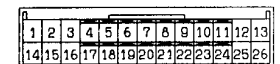
(B-34)

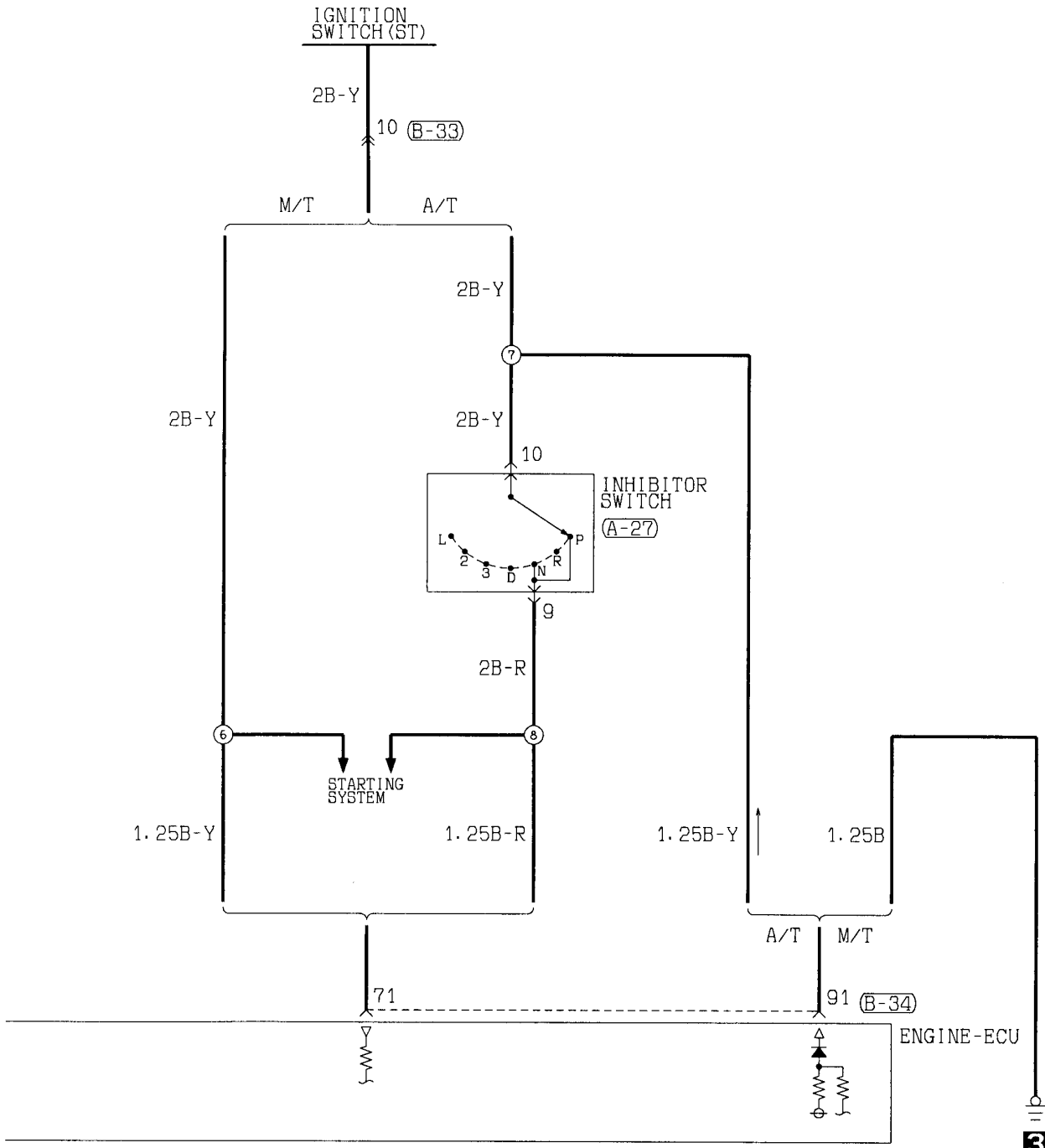


(B-35)

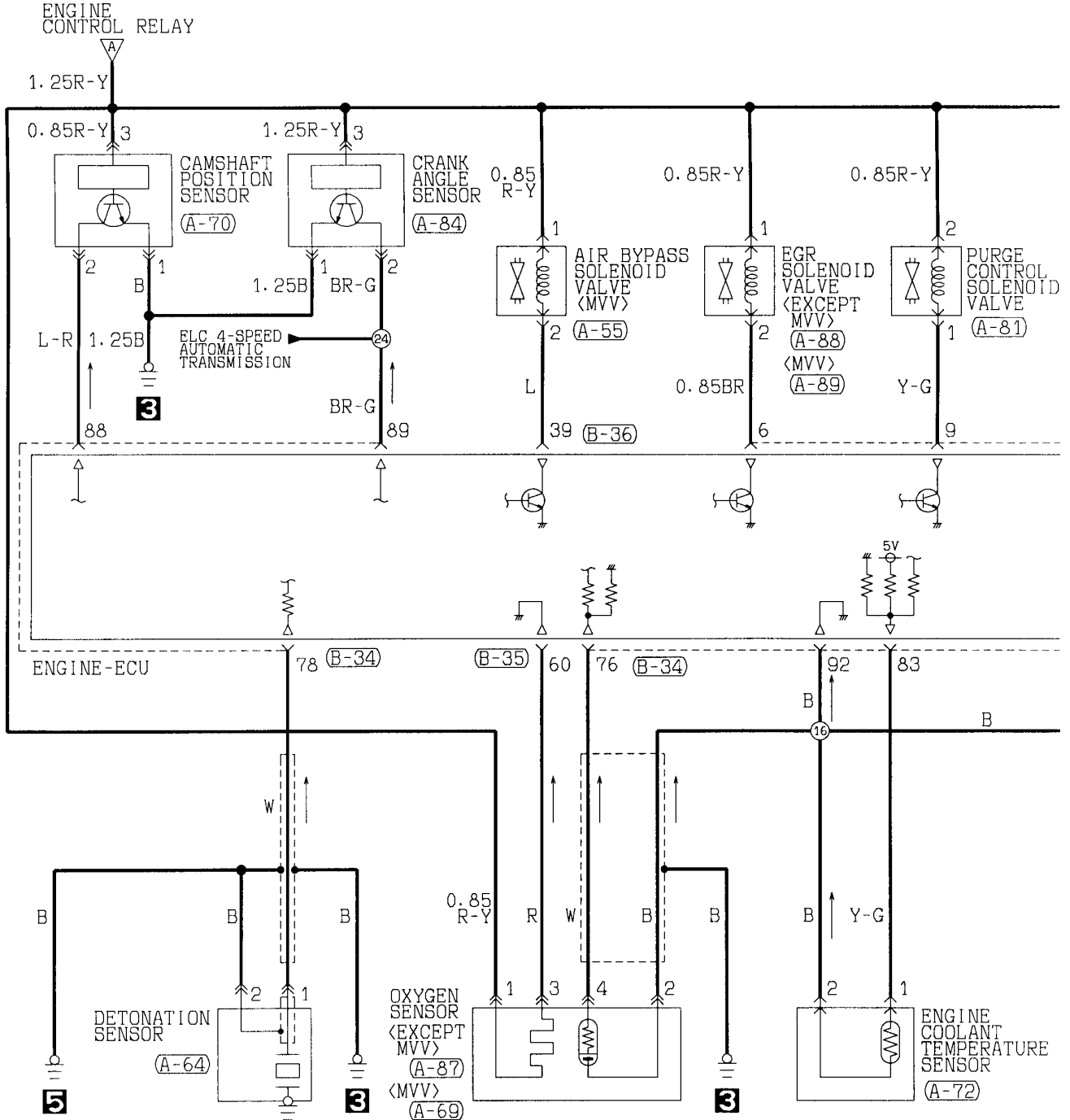


(B-37)





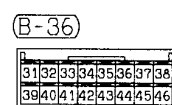
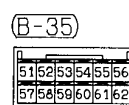
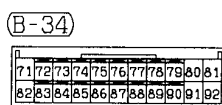
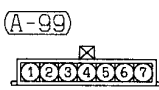
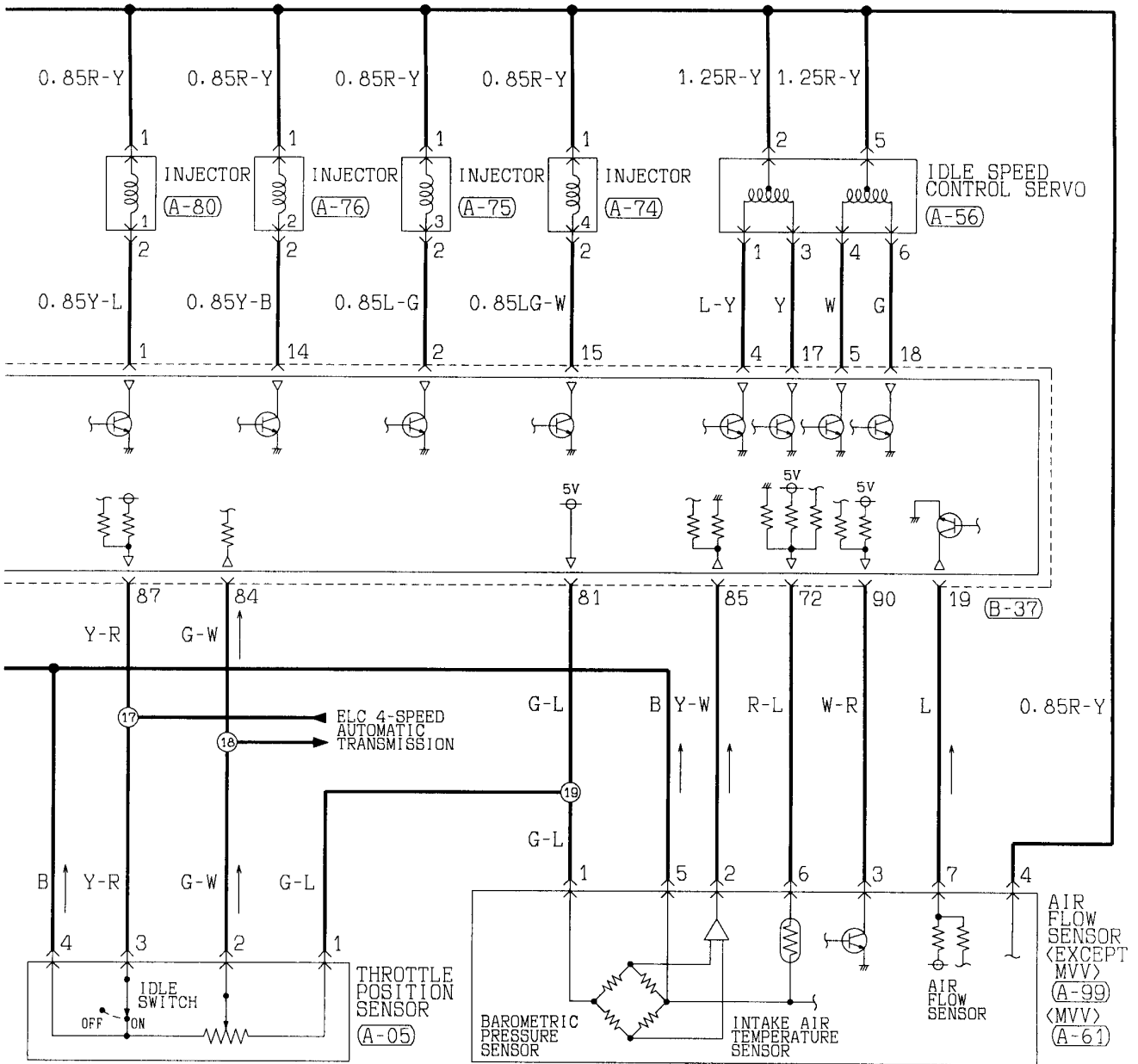
MPI SYSTEM
4G92 <L.H. drive vehicles> (CONTINUED)



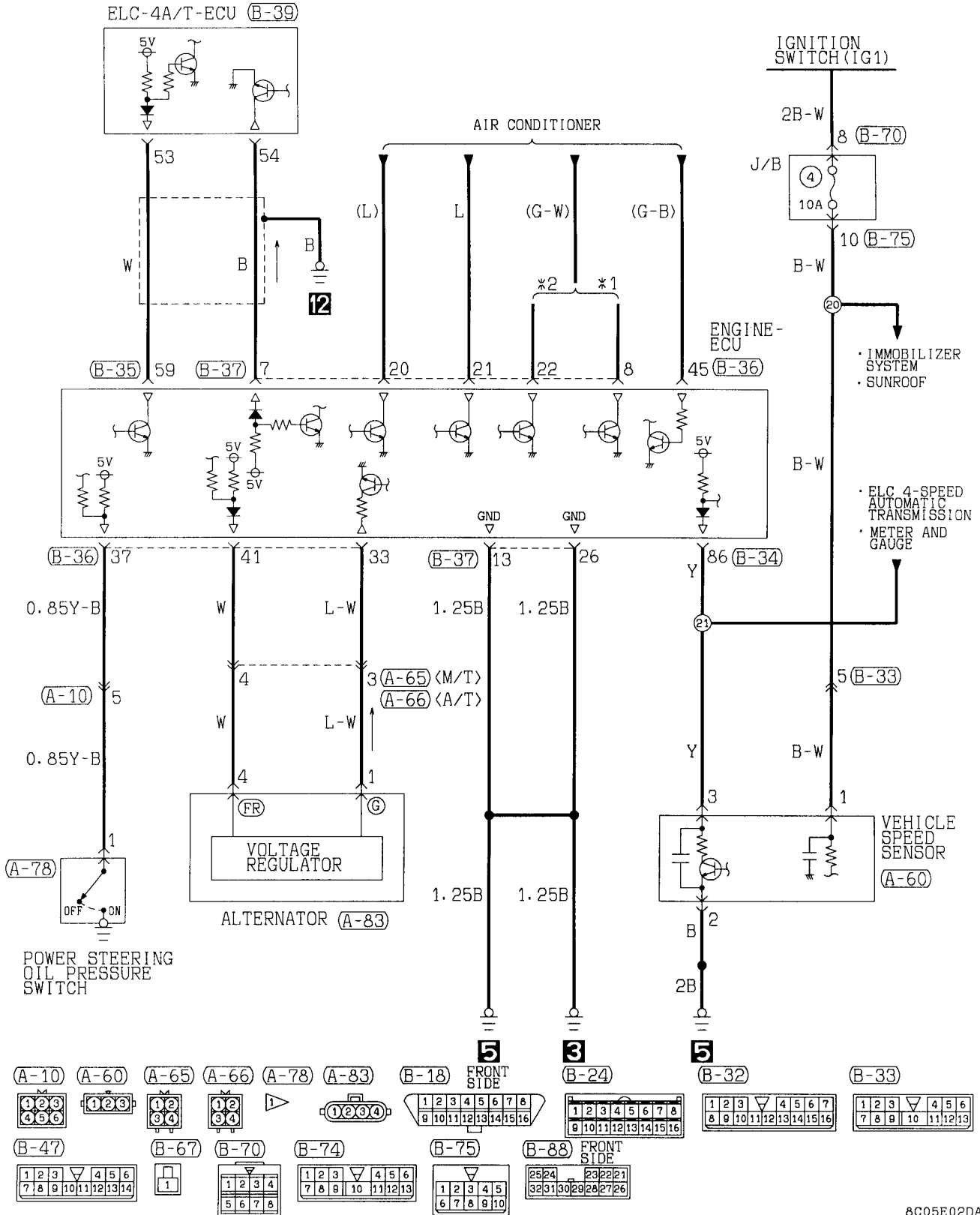
- (A-05)
- (A-55)
- (A-56)
- (A-61)
- (A-64)
- (A-69)
- (A-70)
- (A-72)
- (A-74)
- (A-75)
- (A-76)
- (A-80)
- (A-81)

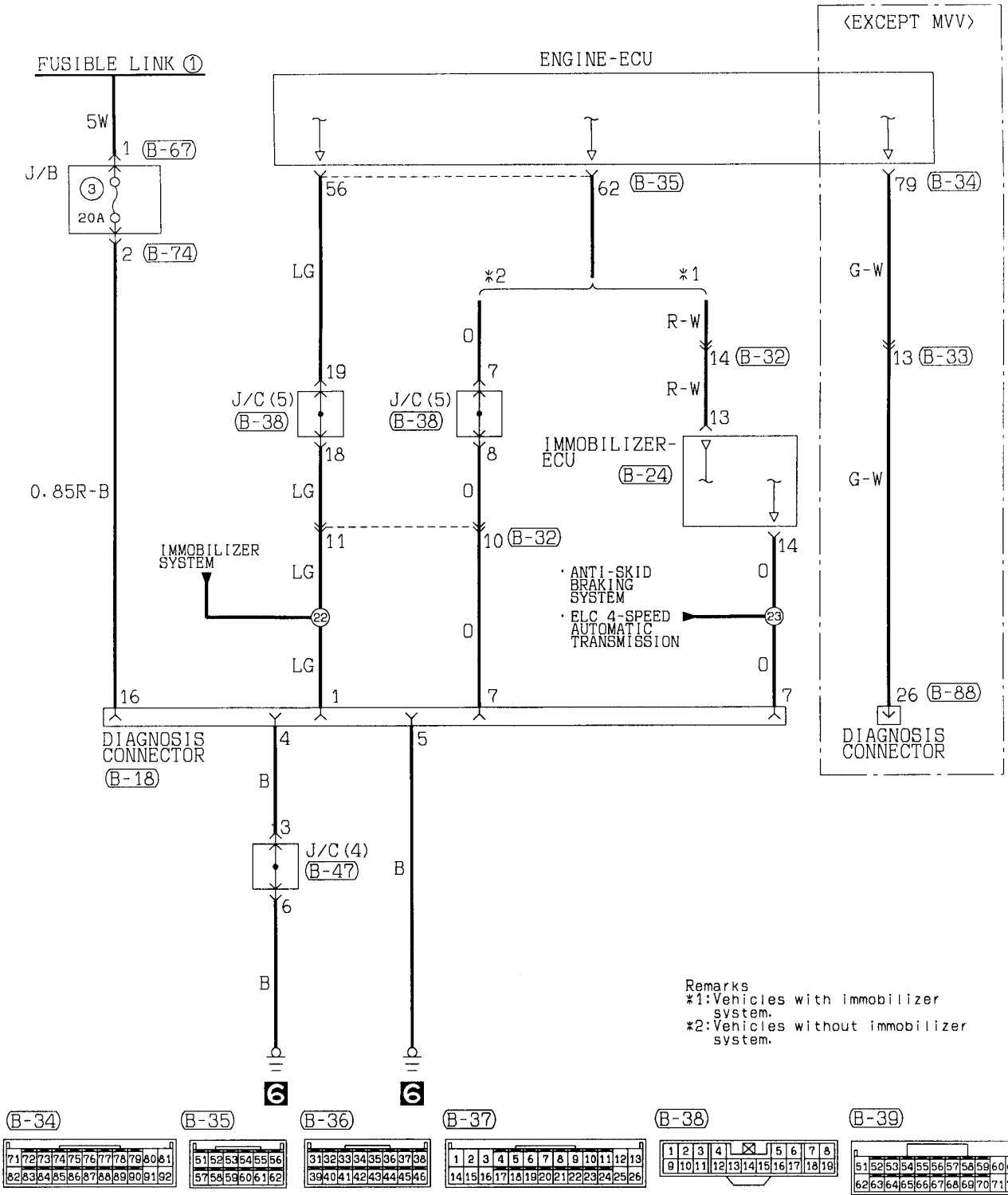
(B-37)

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



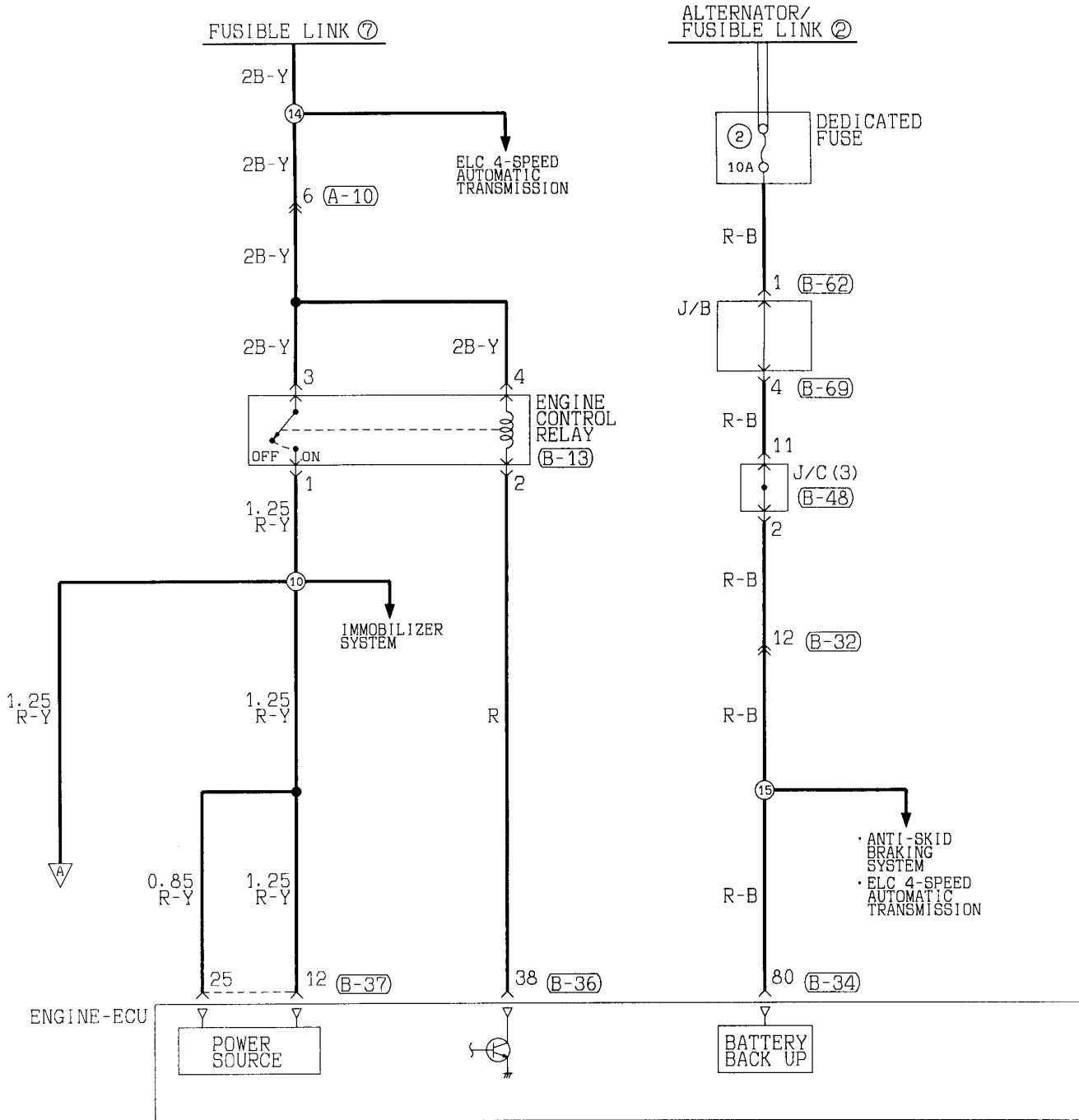
MPI SYSTEM
4G92 <L.H. drive vehicles> (CONTINUED)

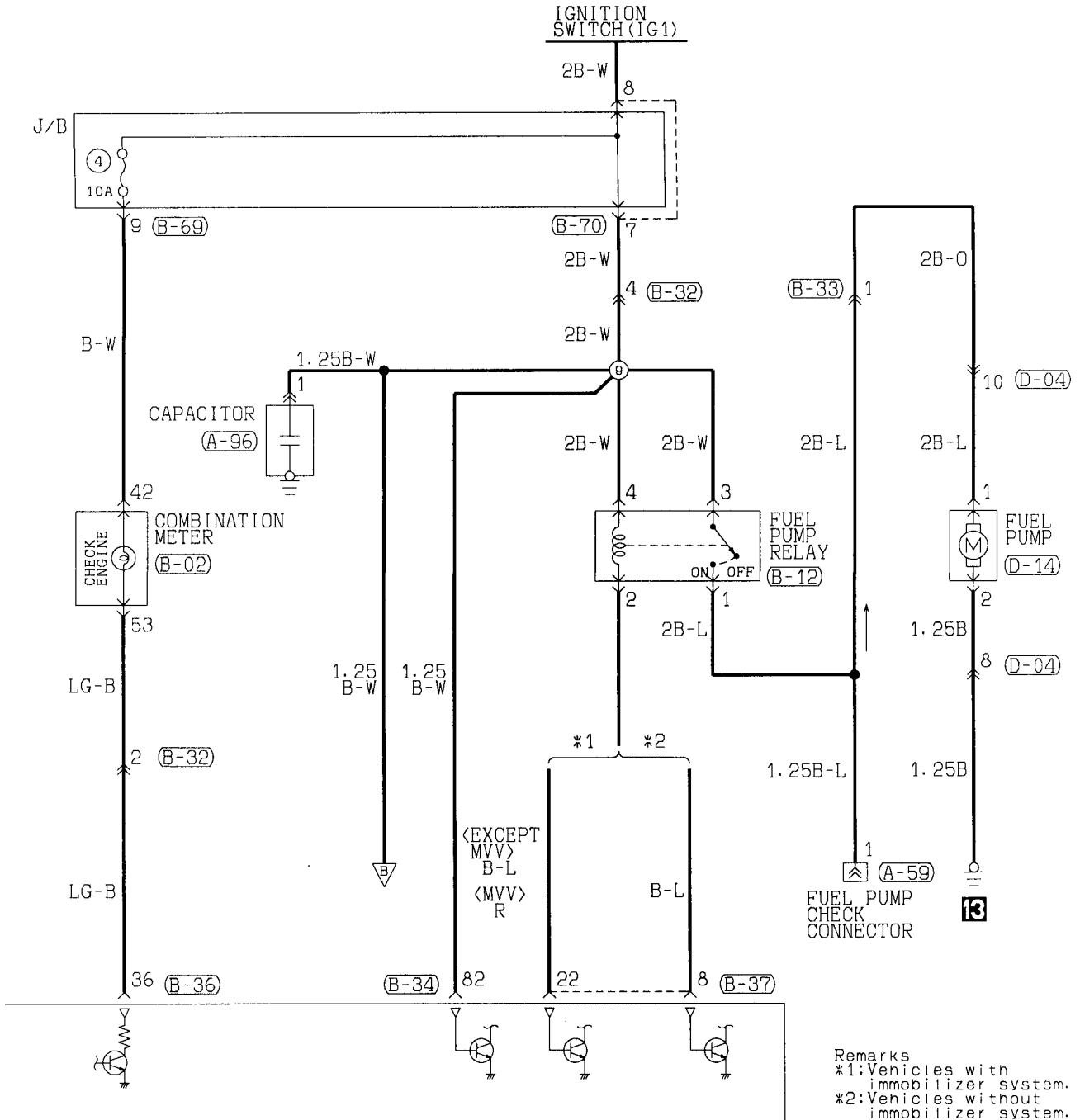




MPI SYSTEM

4G92 <R.H. drive vehicles>





(B-36)

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

(B-37)

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-48)

1	2	3	▽	4	5	6	
7	8	9	10	11	12	13	14

(B-62)

1	2	▽	3	4		
5	6	7	8	9	10	11

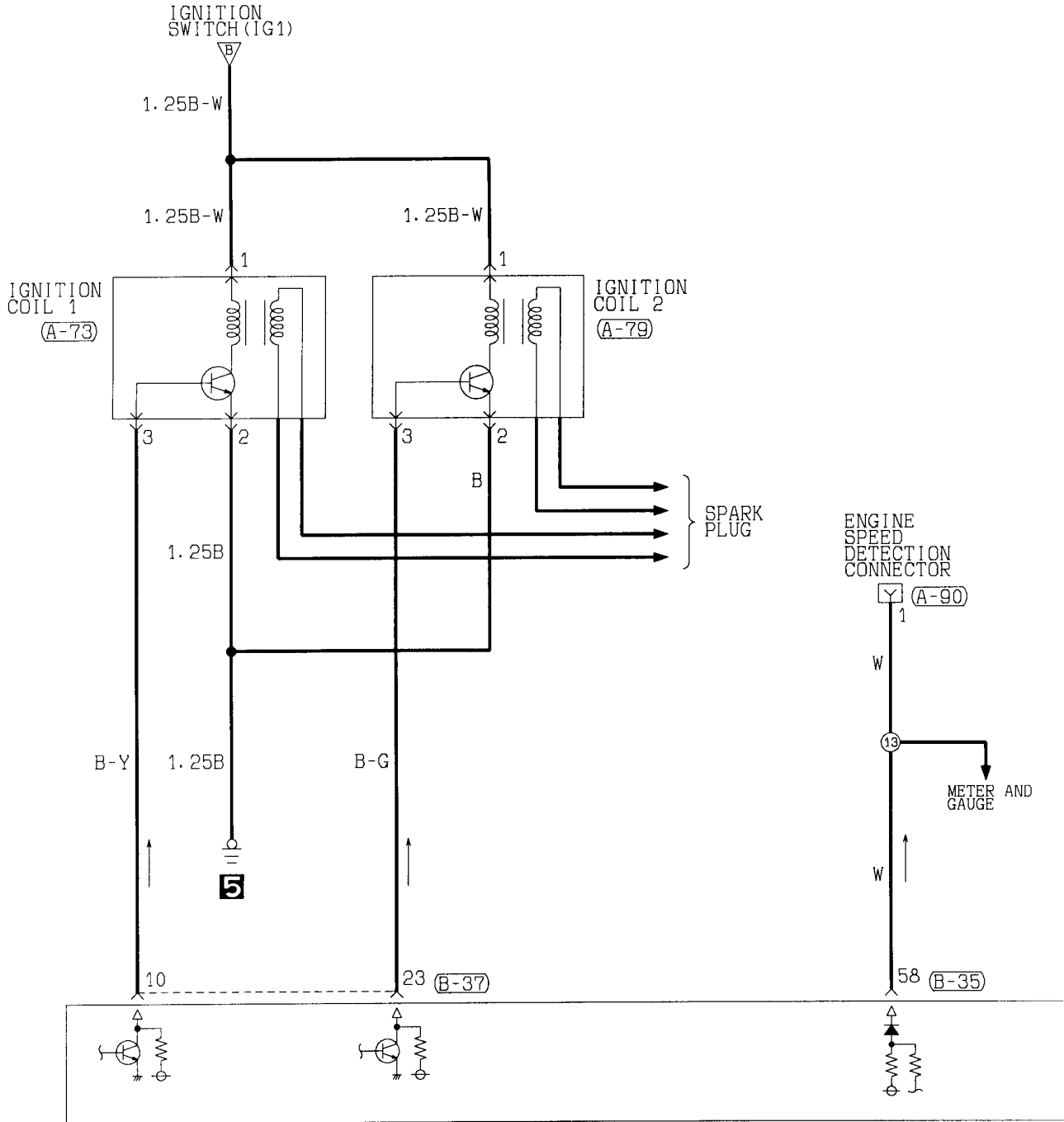
(B-69)

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

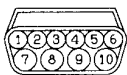
(B-70)

1	2	3	4
5	6	7	8

MPI SYSTEM
4G92 <R.H. drive vehicles> (CONTINUED)



(A-27)



(A-73)



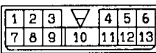
(A-79)



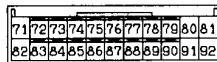
(A-90)



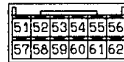
(B-33)



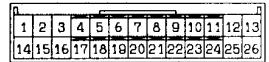
(B-34)

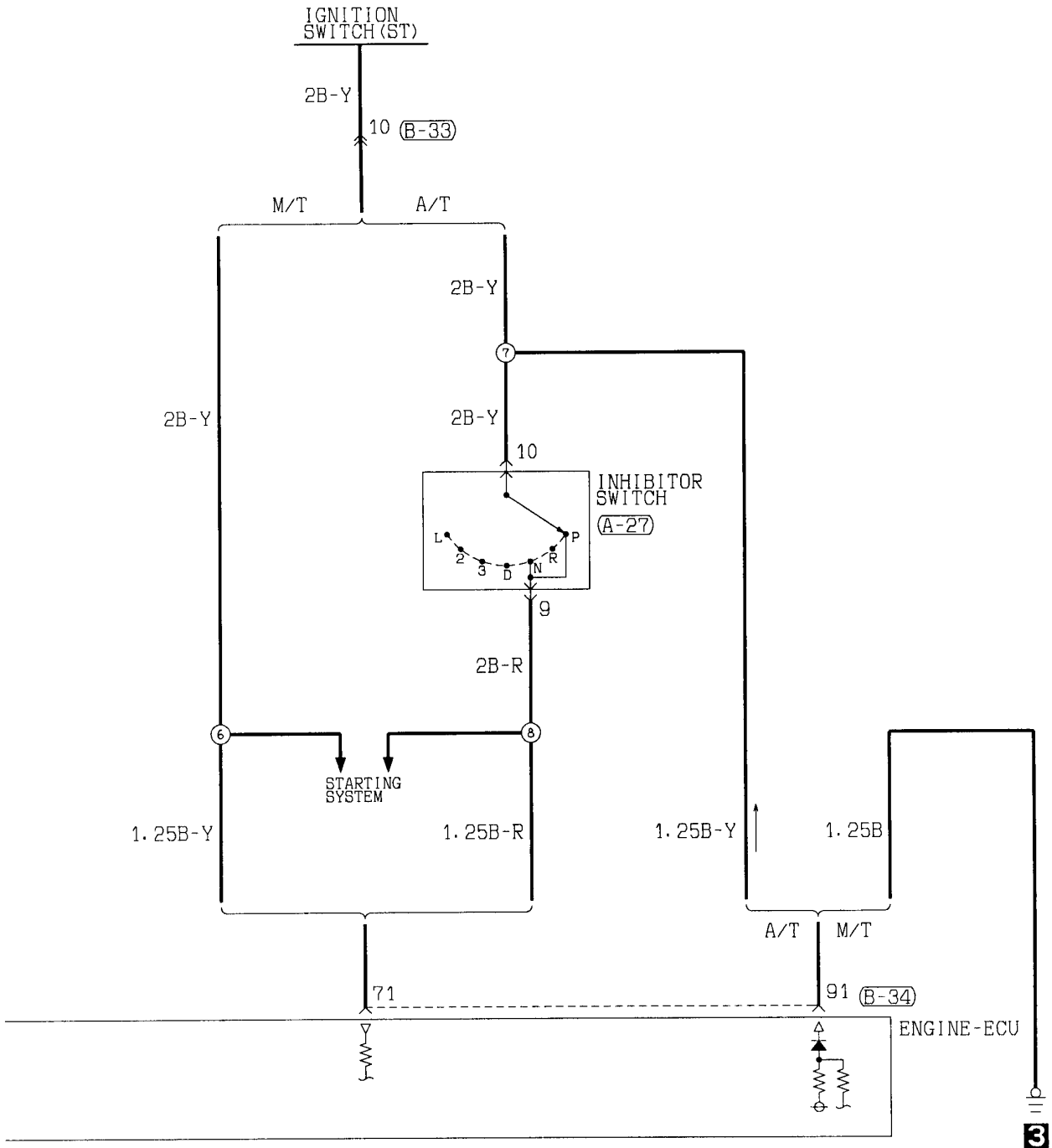


(B-35)

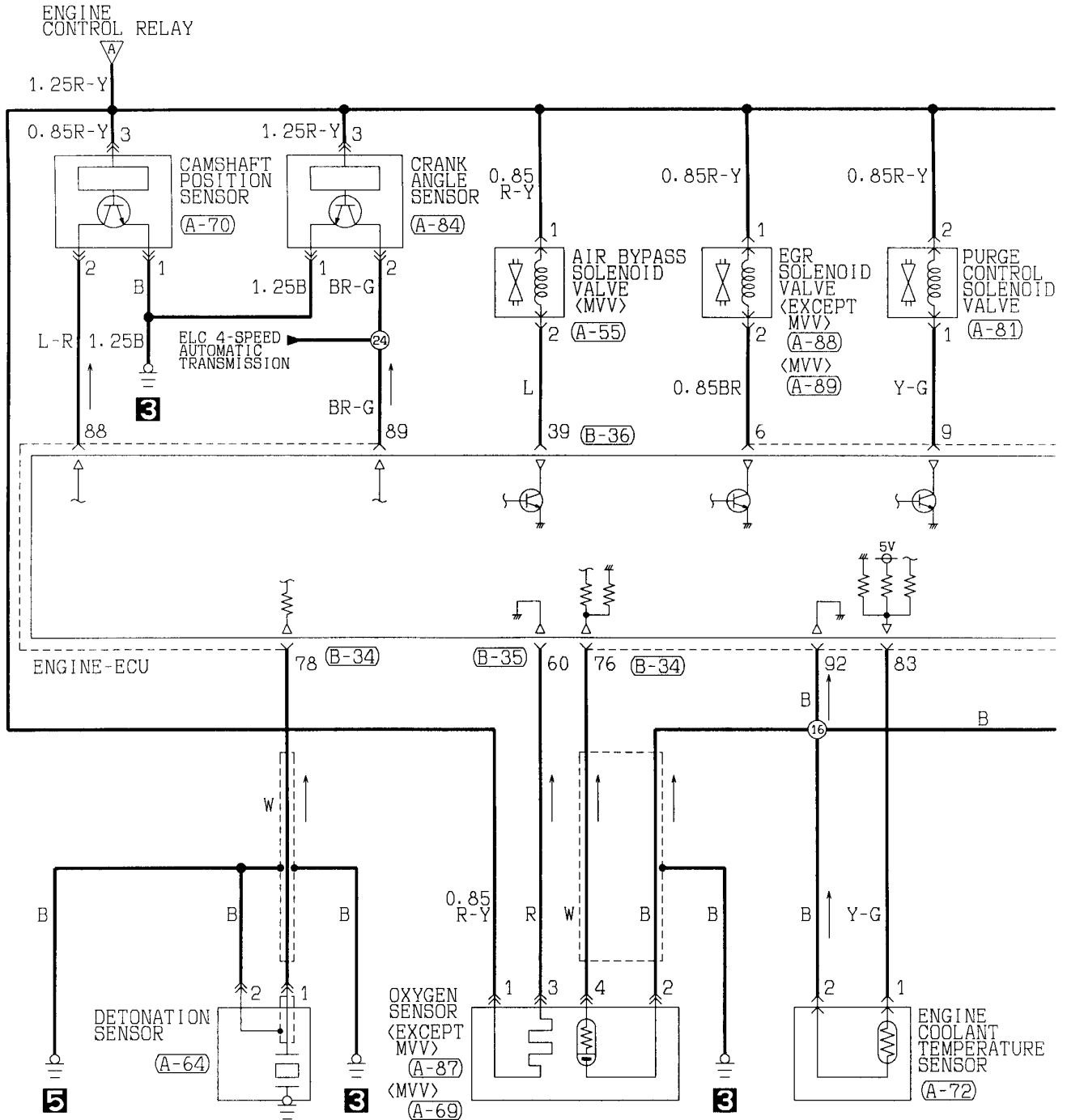


(B-37)





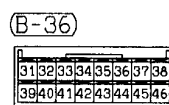
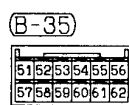
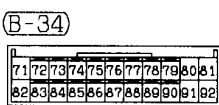
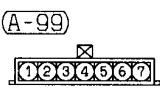
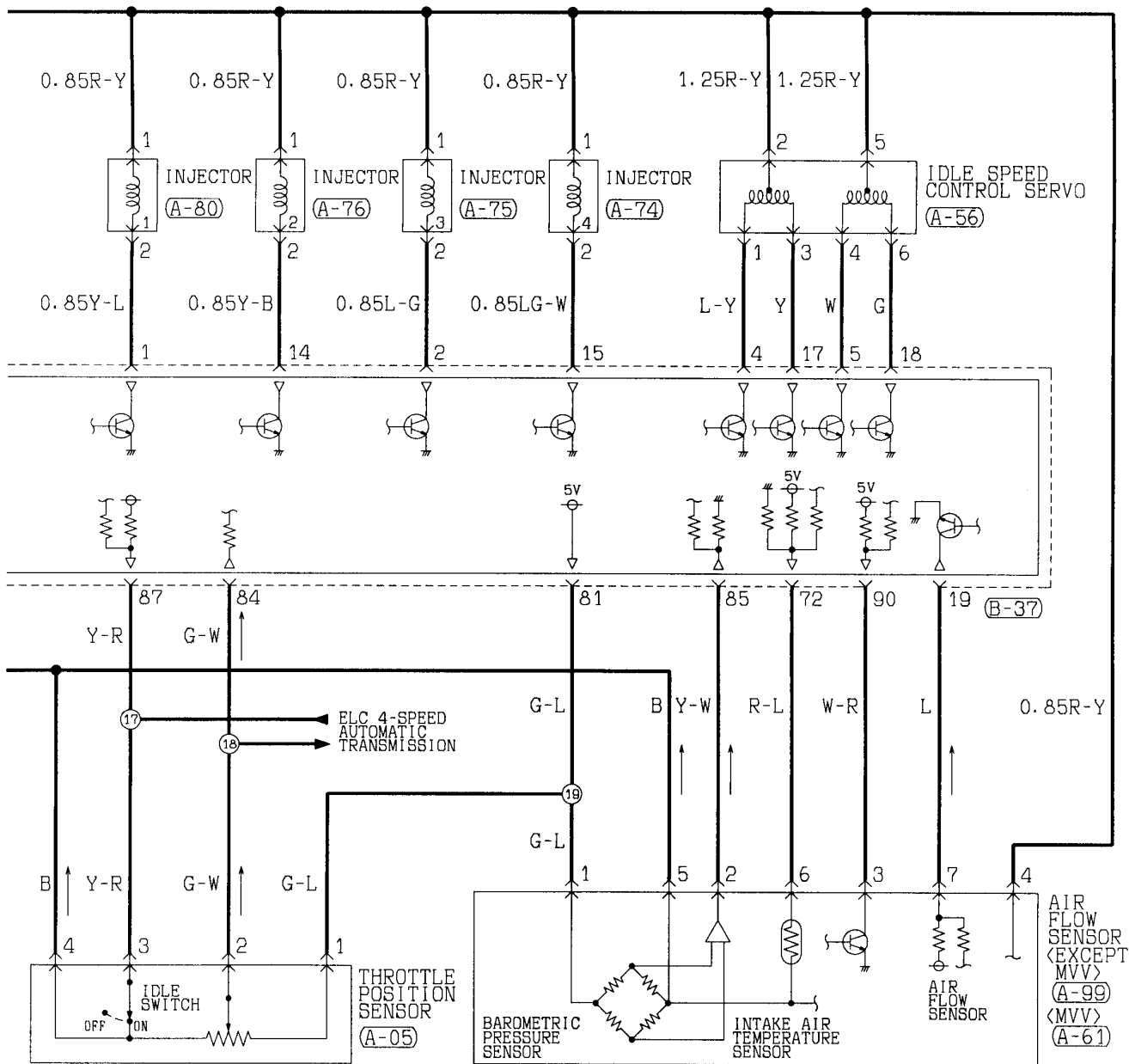
MPI SYSTEM
4G92 <R.H. drive vehicles> (CONTINUED)



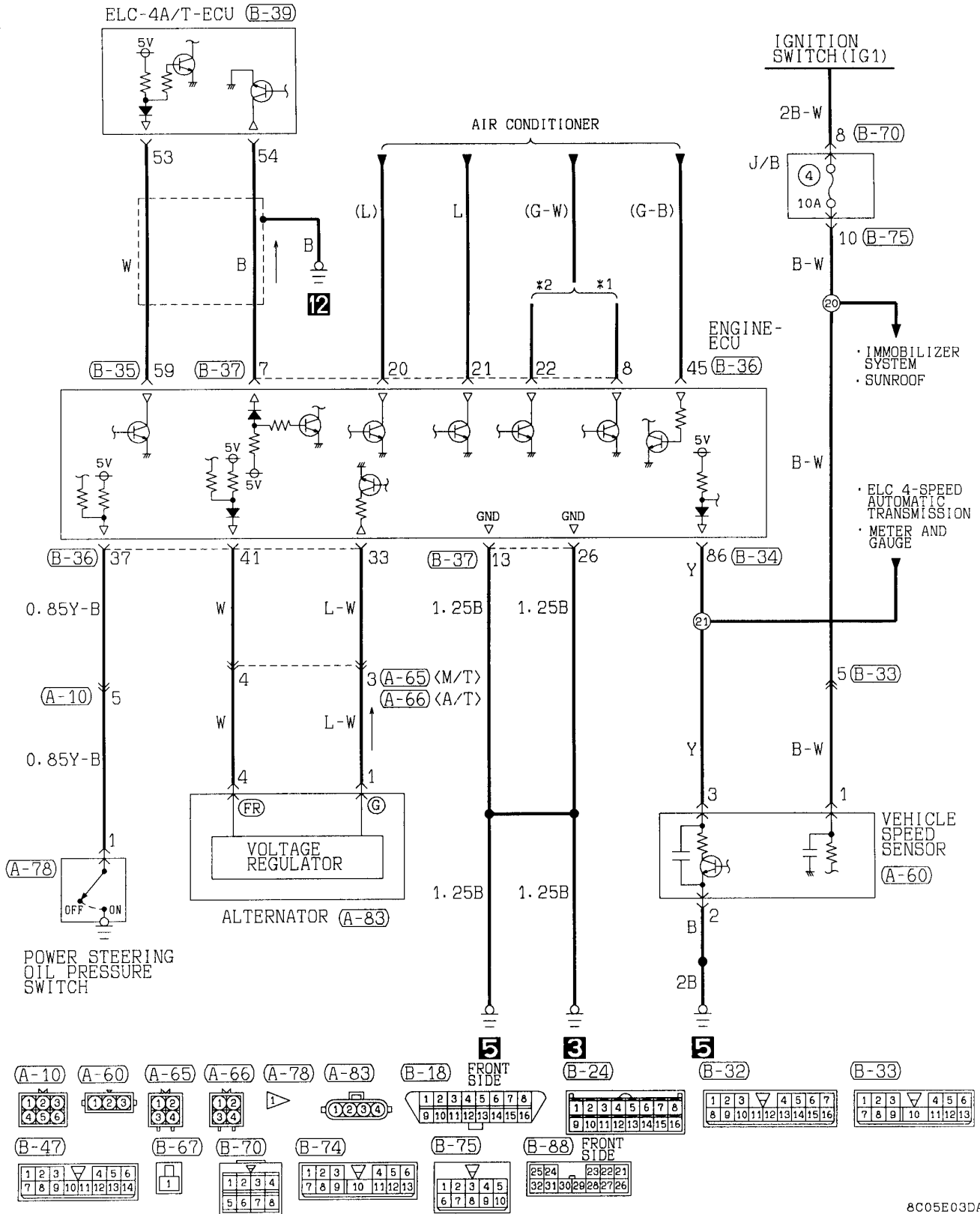
- (A-05)
- (A-55)
- (A-56)
- (A-61)
- (A-64)
- (A-69)
- (A-70)
- (A-72)
- (A-74)
- (A-75)
- (A-76)
- (A-80)
- (A-81)

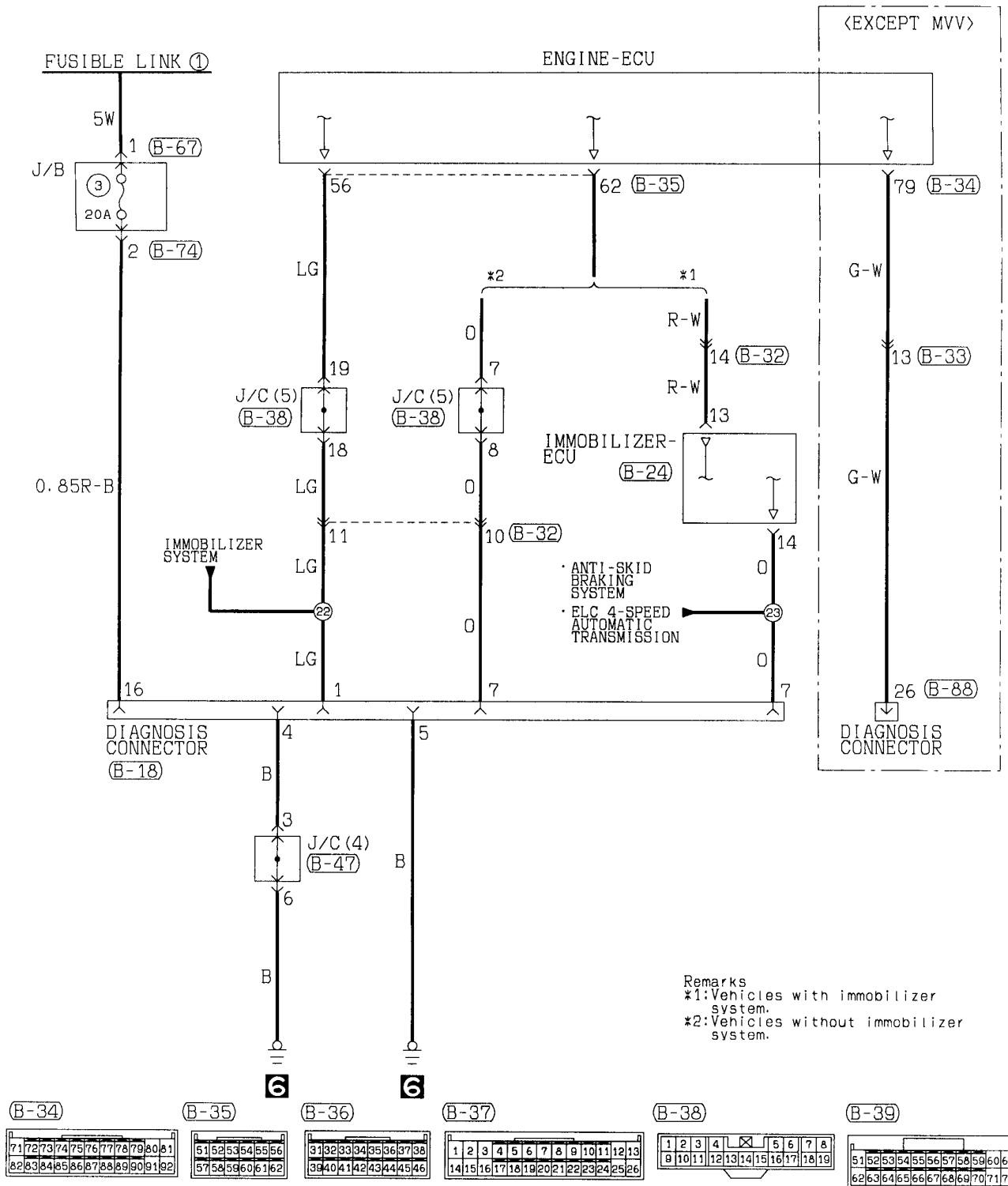
(B-37)

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



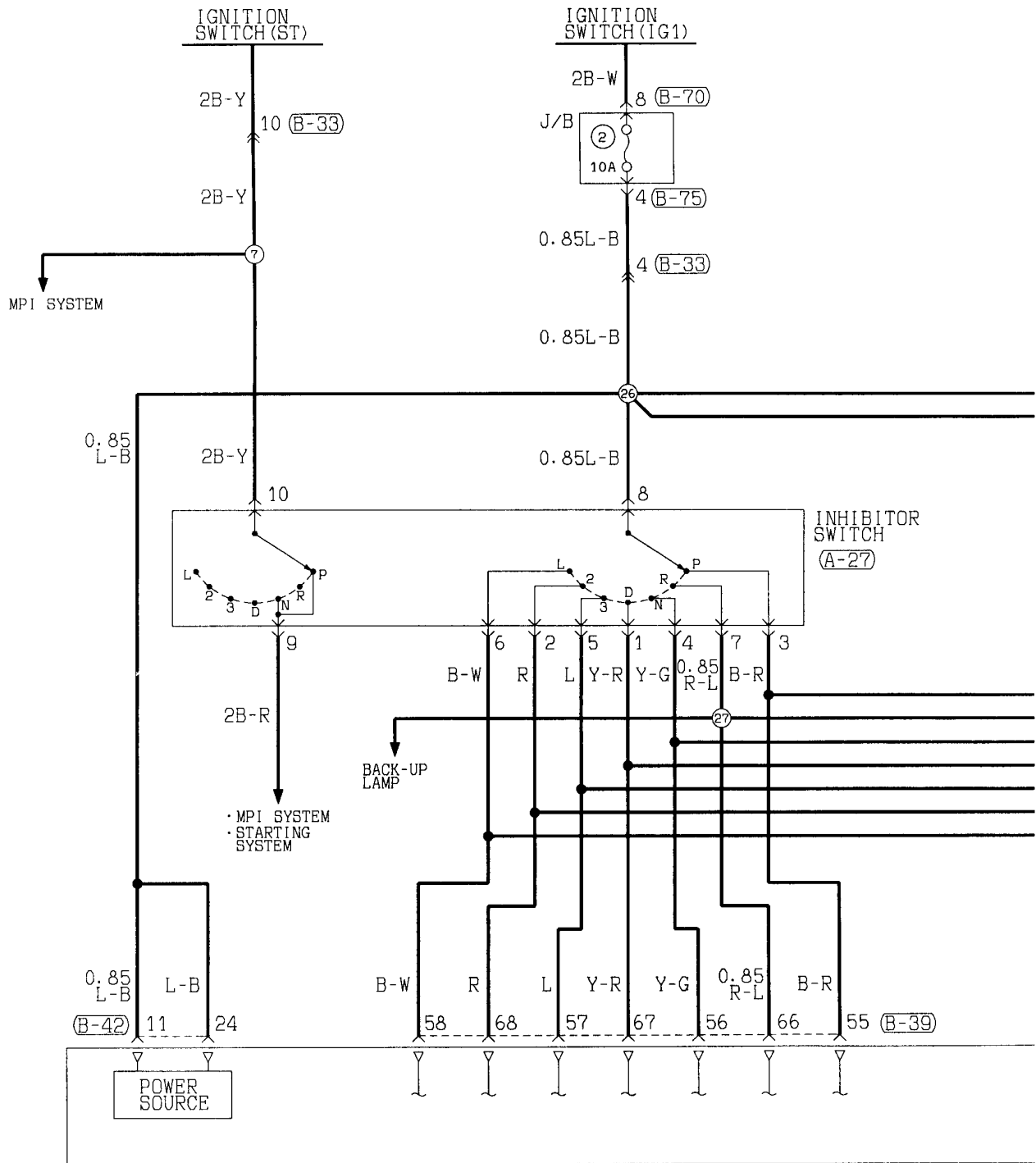
MPI SYSTEM
4G92 <R.H. drive vehicles> (CONTINUED)



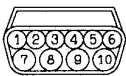


ELC 4-SPEED AUTOMATIC TRANSMISSION

L.H. drive vehicles



A-27



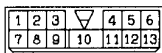
A-62



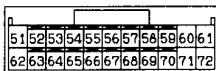
A-67



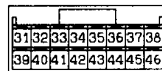
B-33



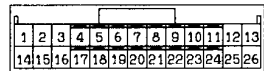
B-39



B-41

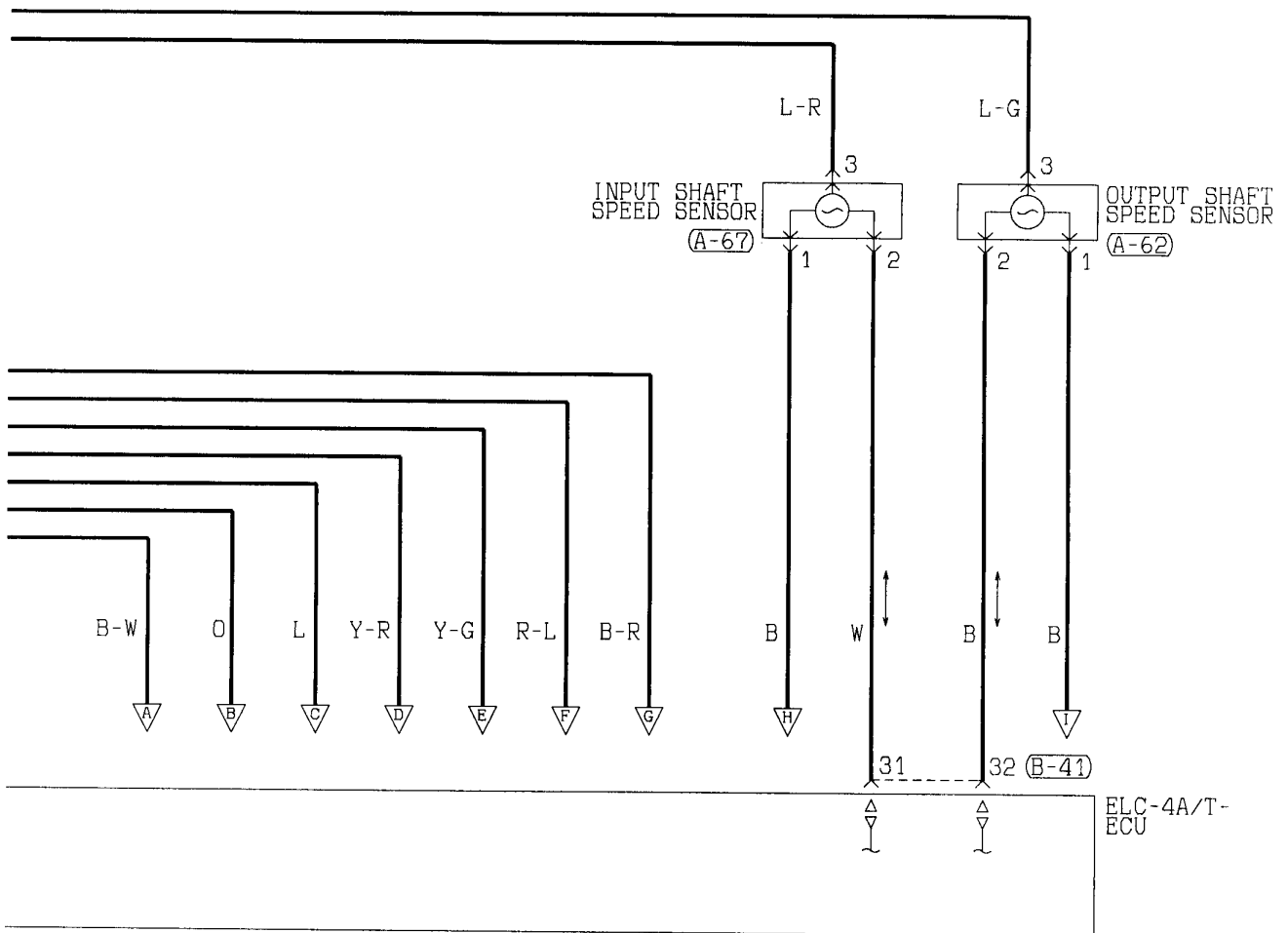


B-42



B-70

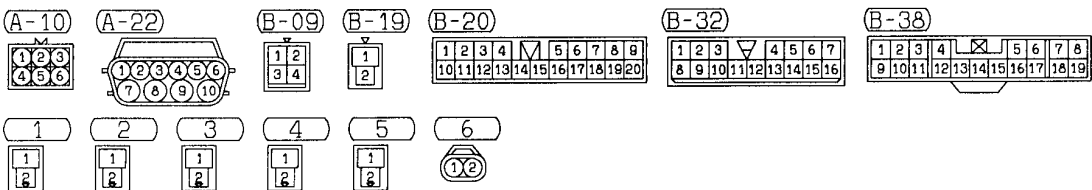
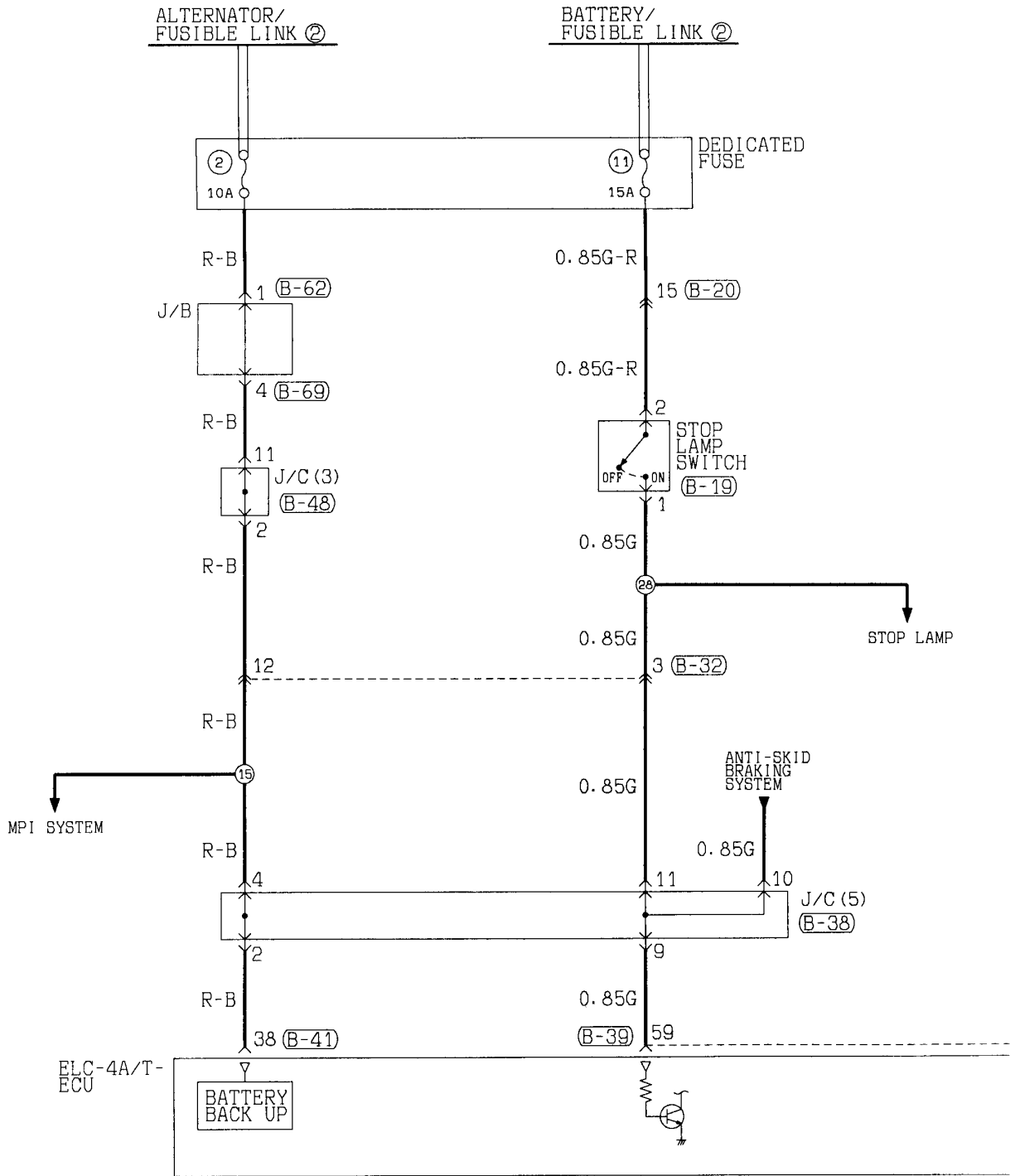


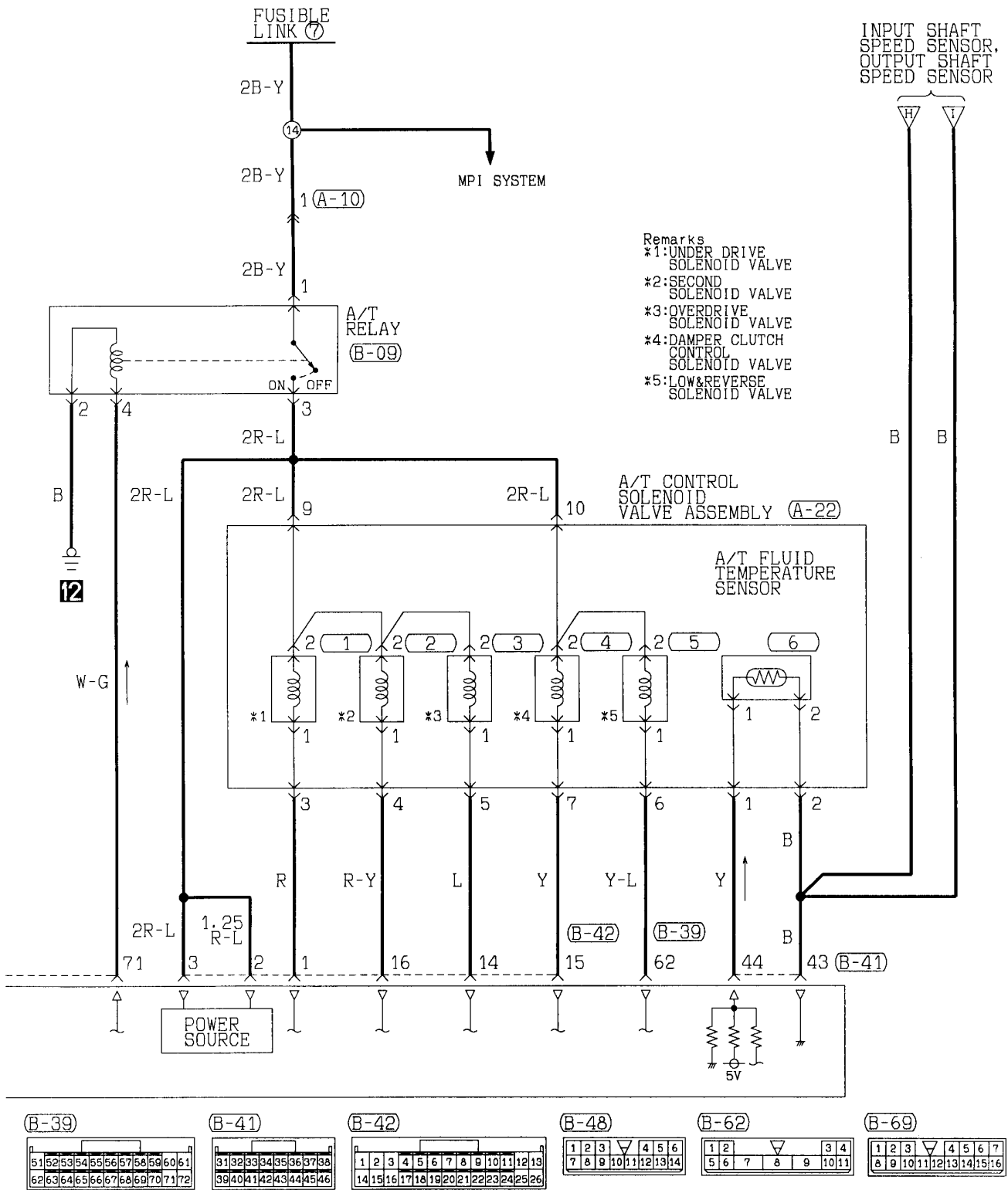


(B-75)

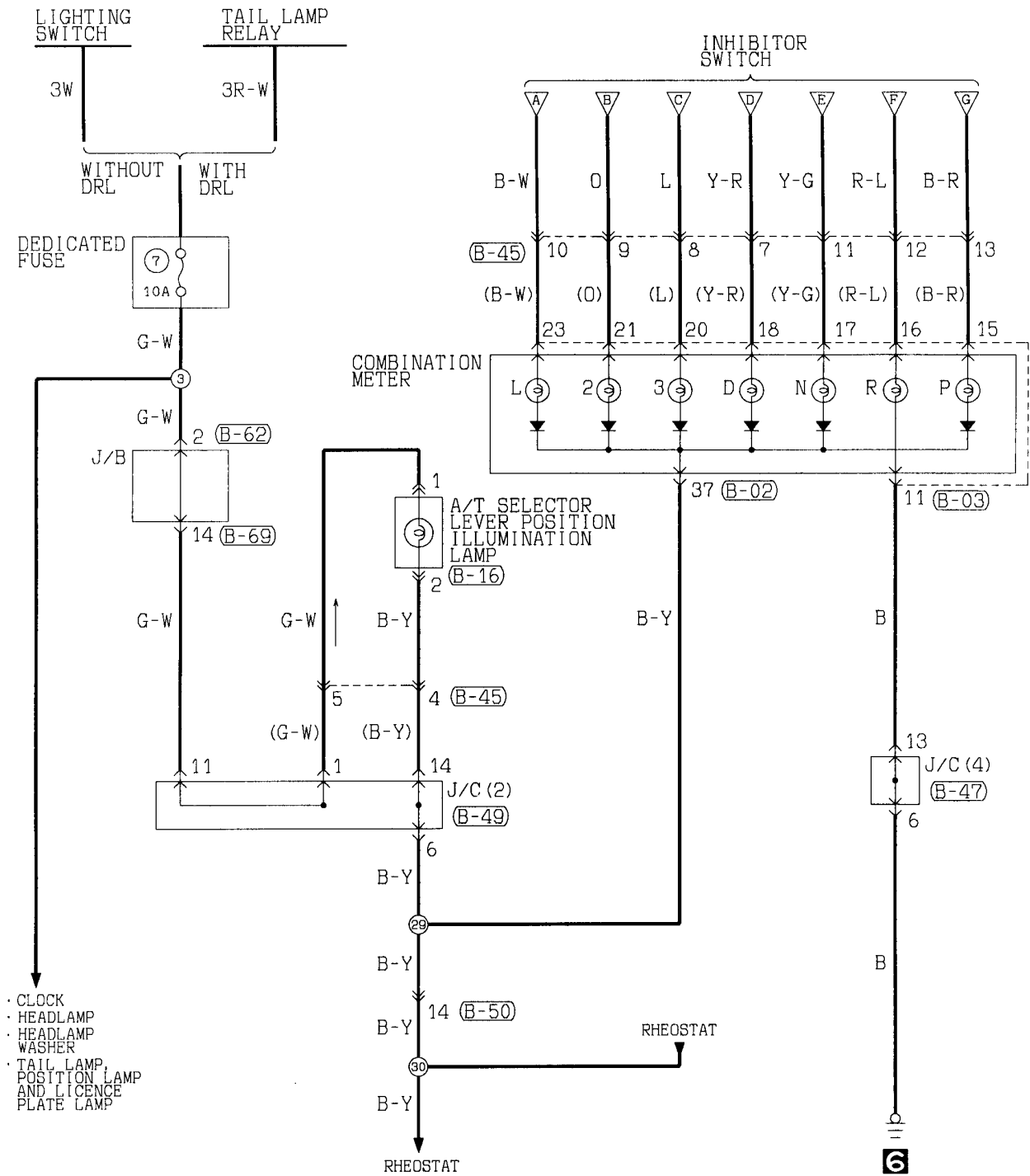
1	2	3	4	5
6	7	8	9	10

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

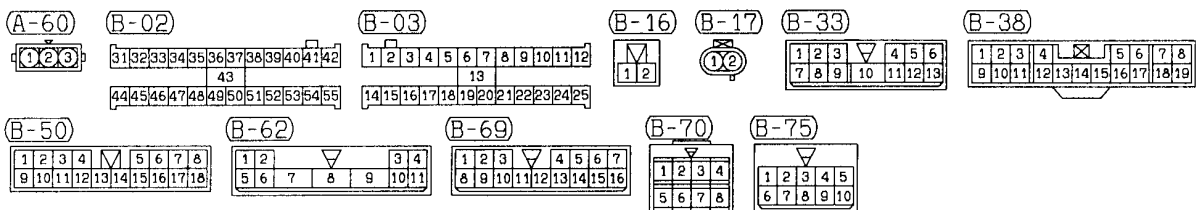


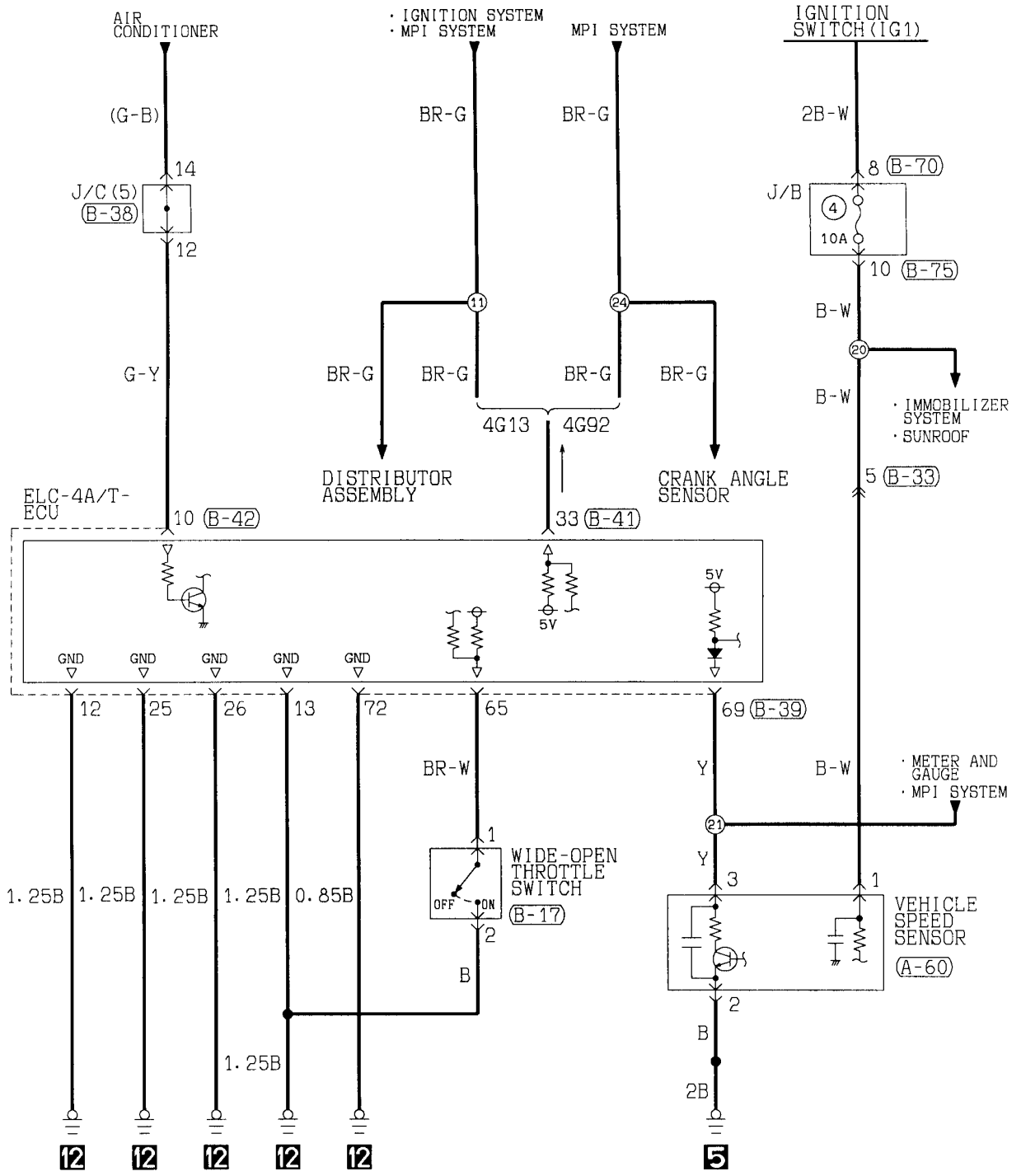


ELC 4-SPEED AUTOMATIC TRANSMISSION
L.H. drive vehicles (CONTINUED)



- CLOCK
- HEADLAMP
- HEADLAMP WASHER
- TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP





B-39

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

B-41

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

B-42

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-45

1	2	3	4	5	6		
7	8	9	10	11	12	13	14

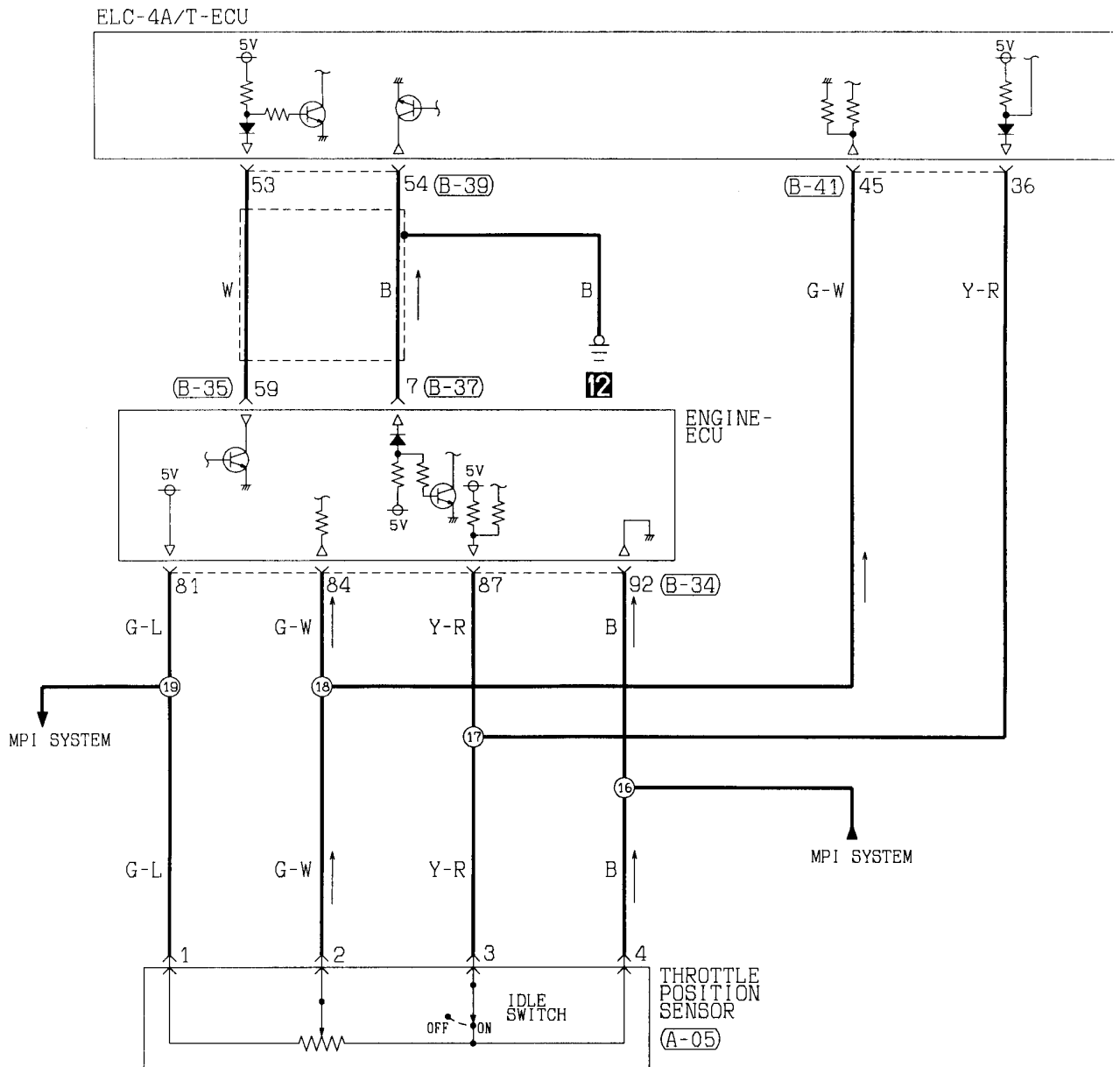
B-47

1	2	3	4	5	6		
7	8	9	10	11	12	13	14

B-49

1	2	3	4	5	6		
7	8	9	10	11	12	13	14

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



(A-05)

1	2	3	4
5	6	7	8

(B-18) FRONT SIDE

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

(B-32)

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

(B-34)

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	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

(B-35)

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	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

(B-37)

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-67)

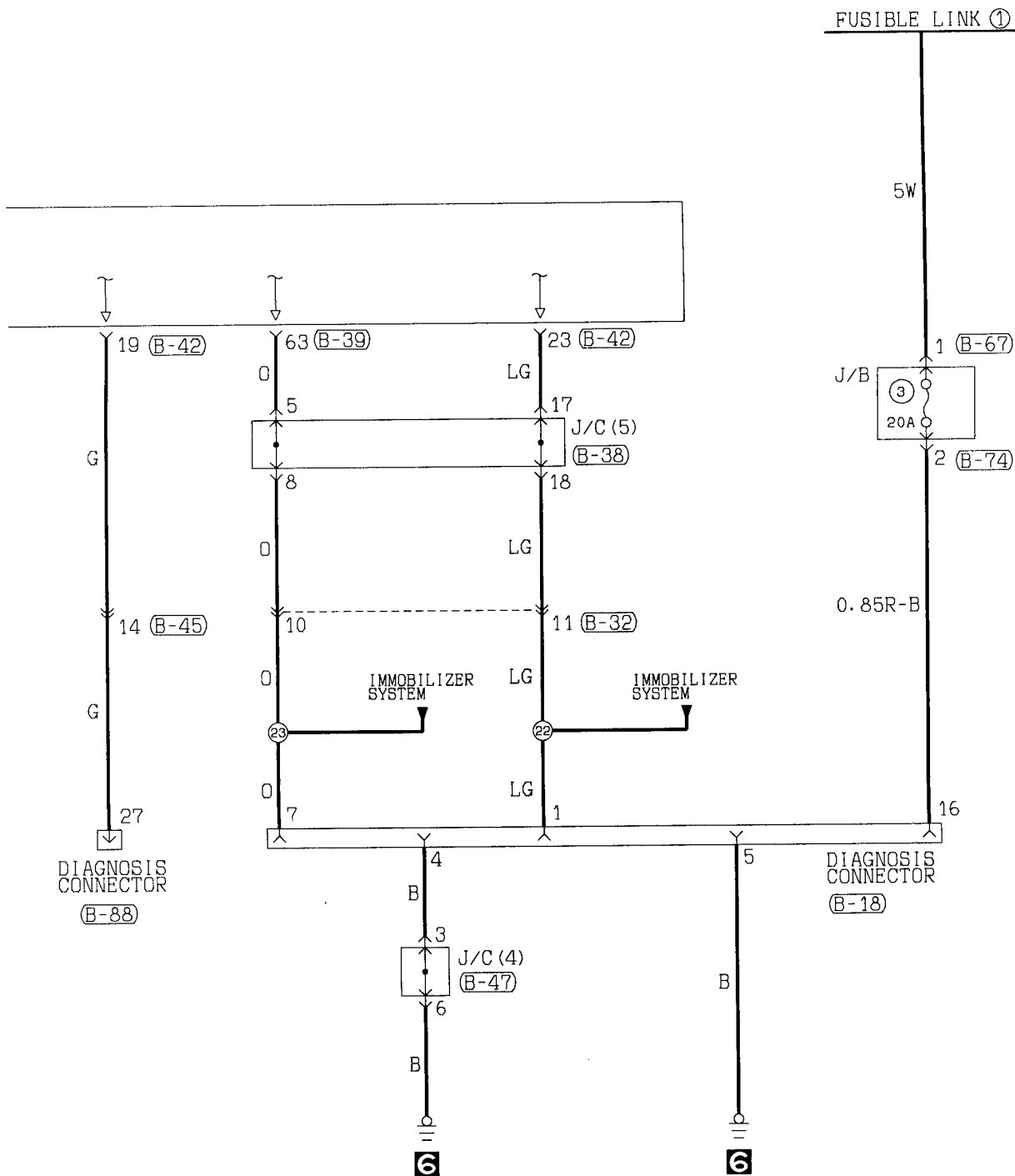
1

(B-74)

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

(B-88) FRONT SIDE

25	24	23	22	21		
32	31	30	29	28	27	26



(B-38)

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

(B-39)

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

(B-41)

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

(B-42)

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-45)

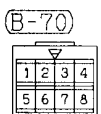
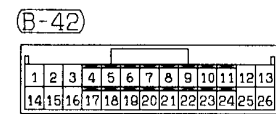
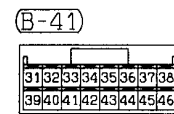
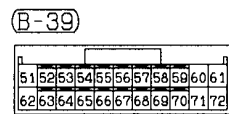
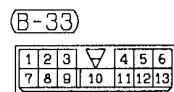
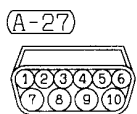
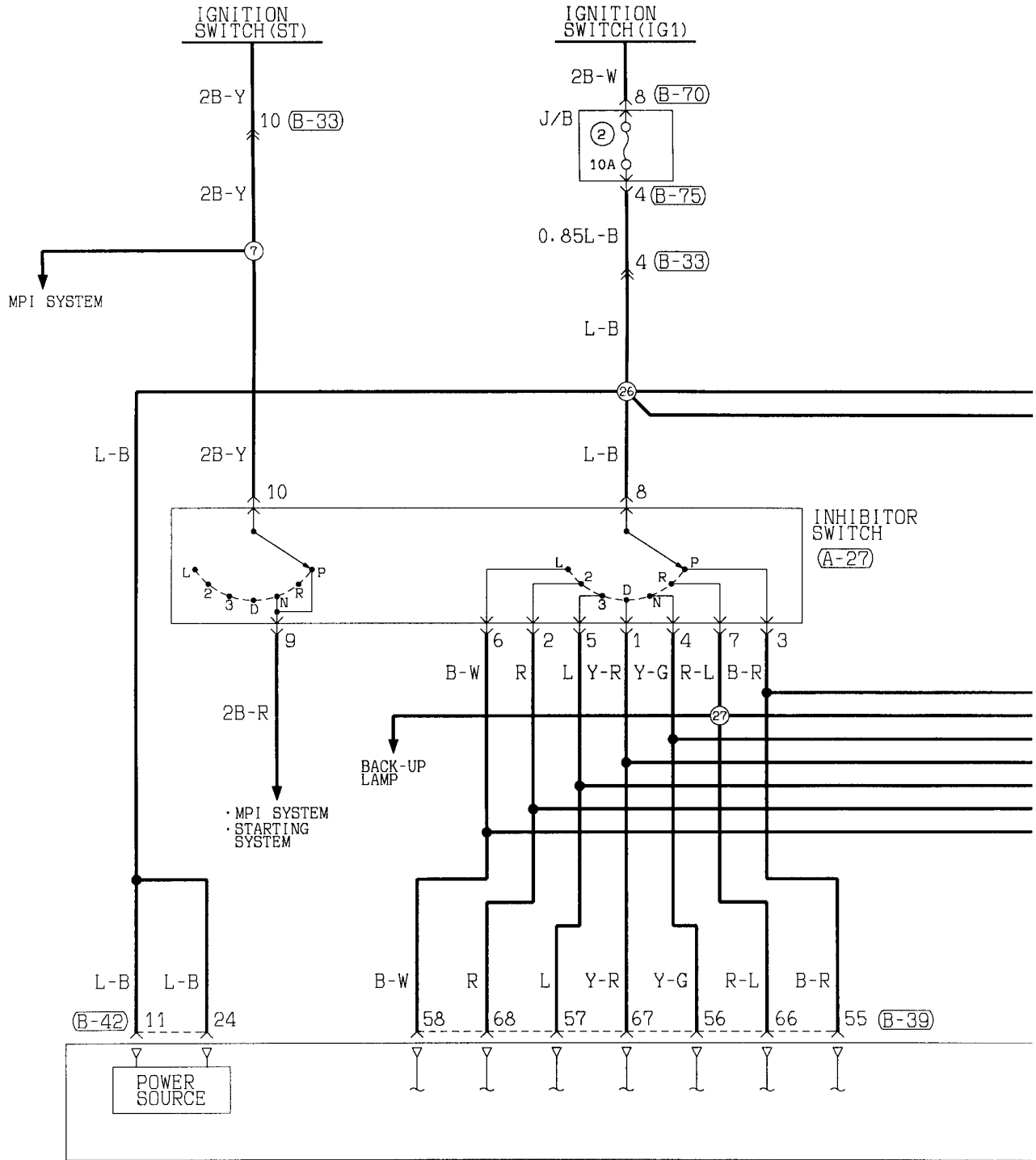
1	2	3	4	5	6		
7	8	9	10	11	12	13	14

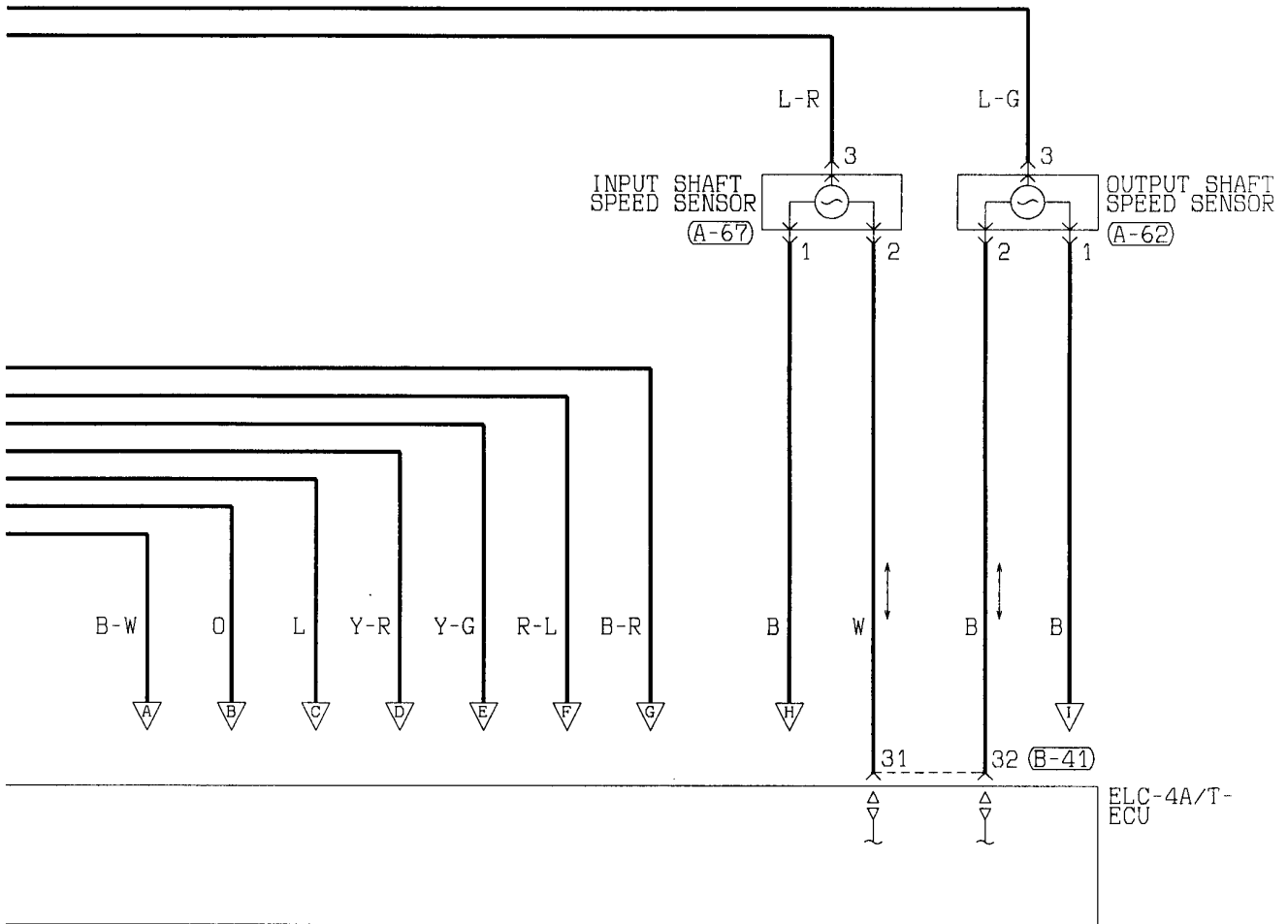
(B-47)

1	2	3	4	5	6		
7	8	9	10	11	12	13	14

ELC 4-SPEED AUTOMATIC TRANSMISSION

R.H. drive vehicles

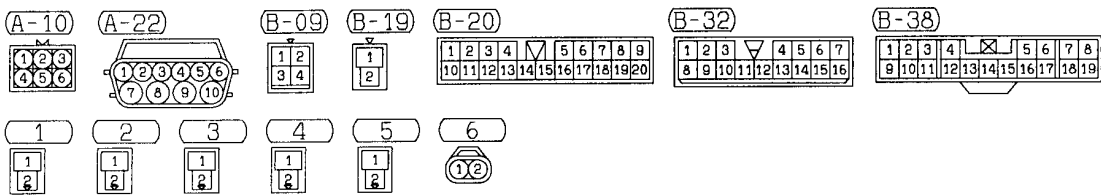
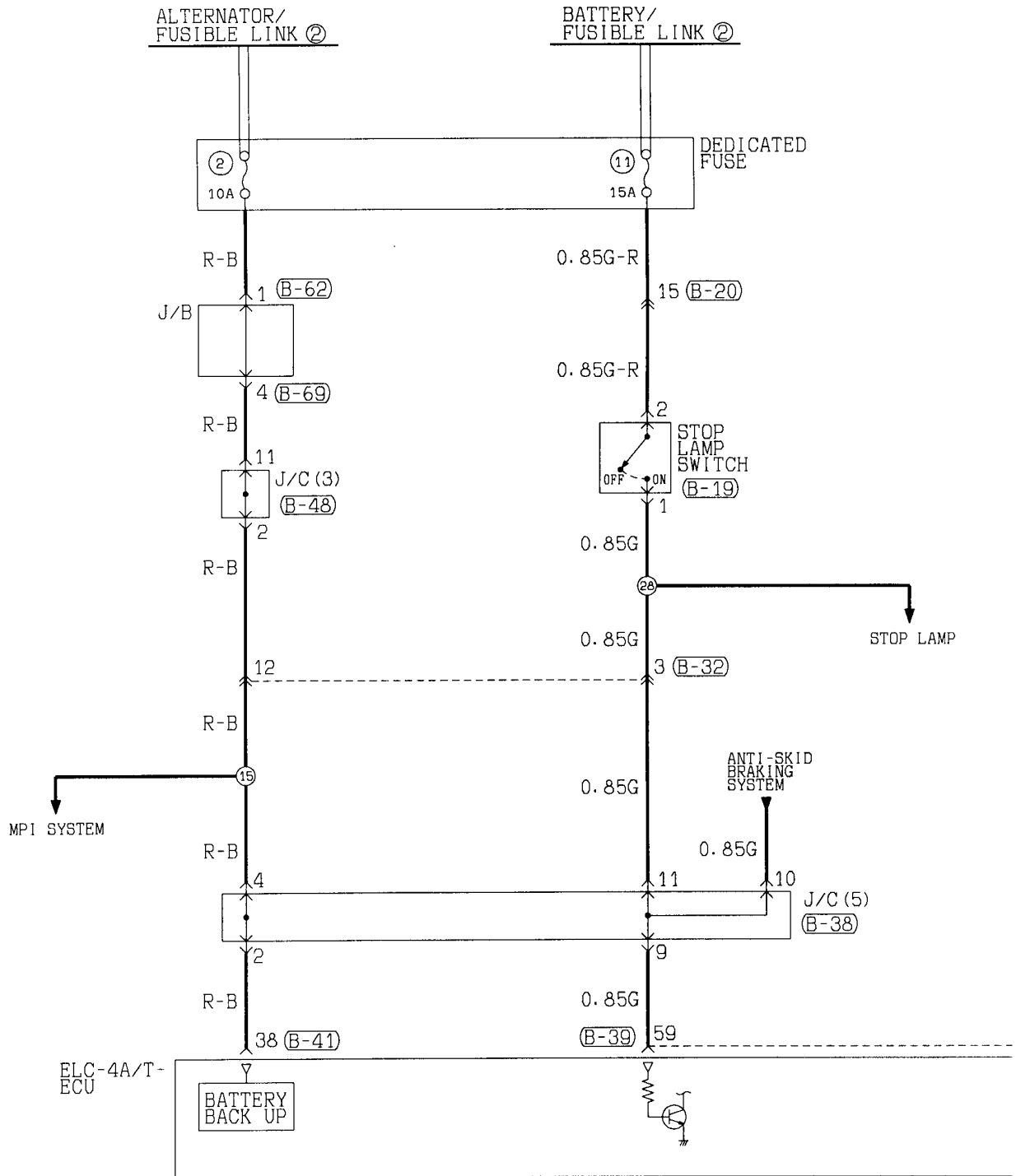


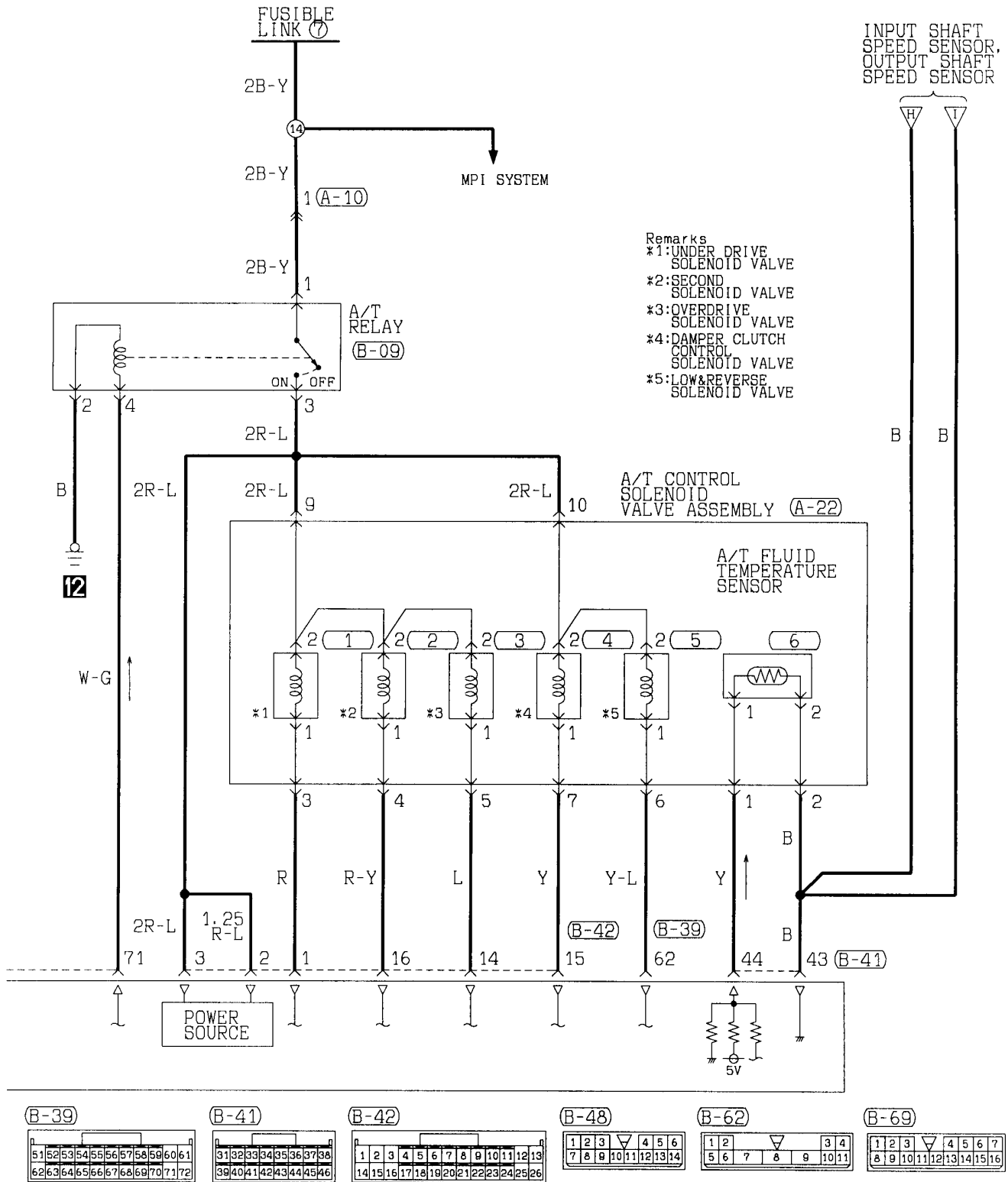


(B-75)

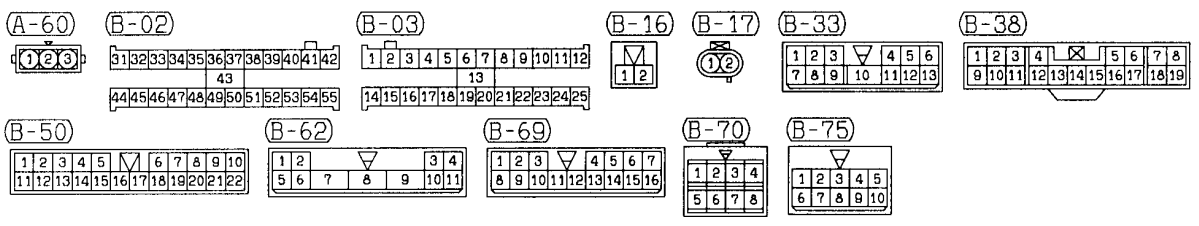
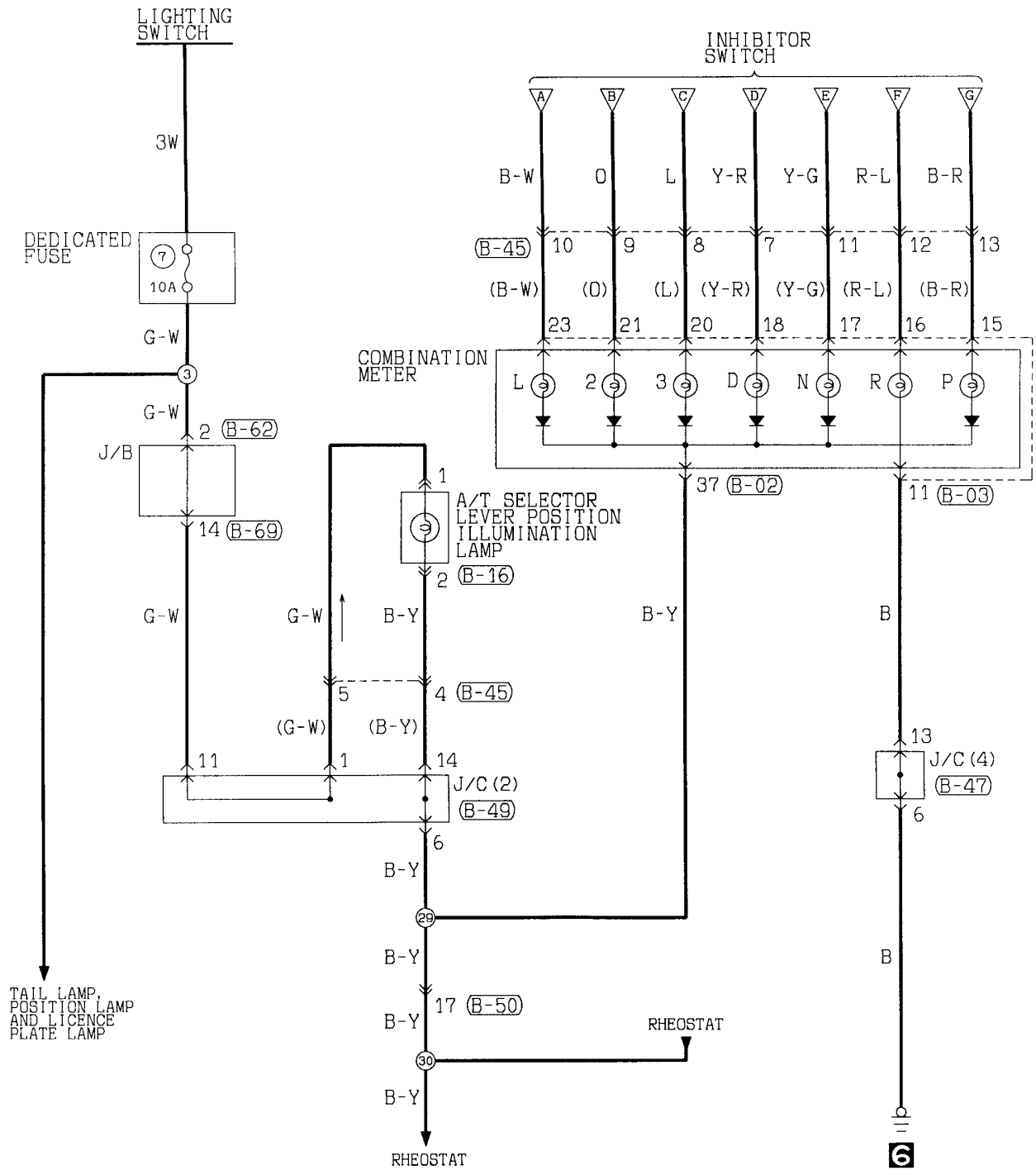
1	2	3	4	5
6	7	8	9	10

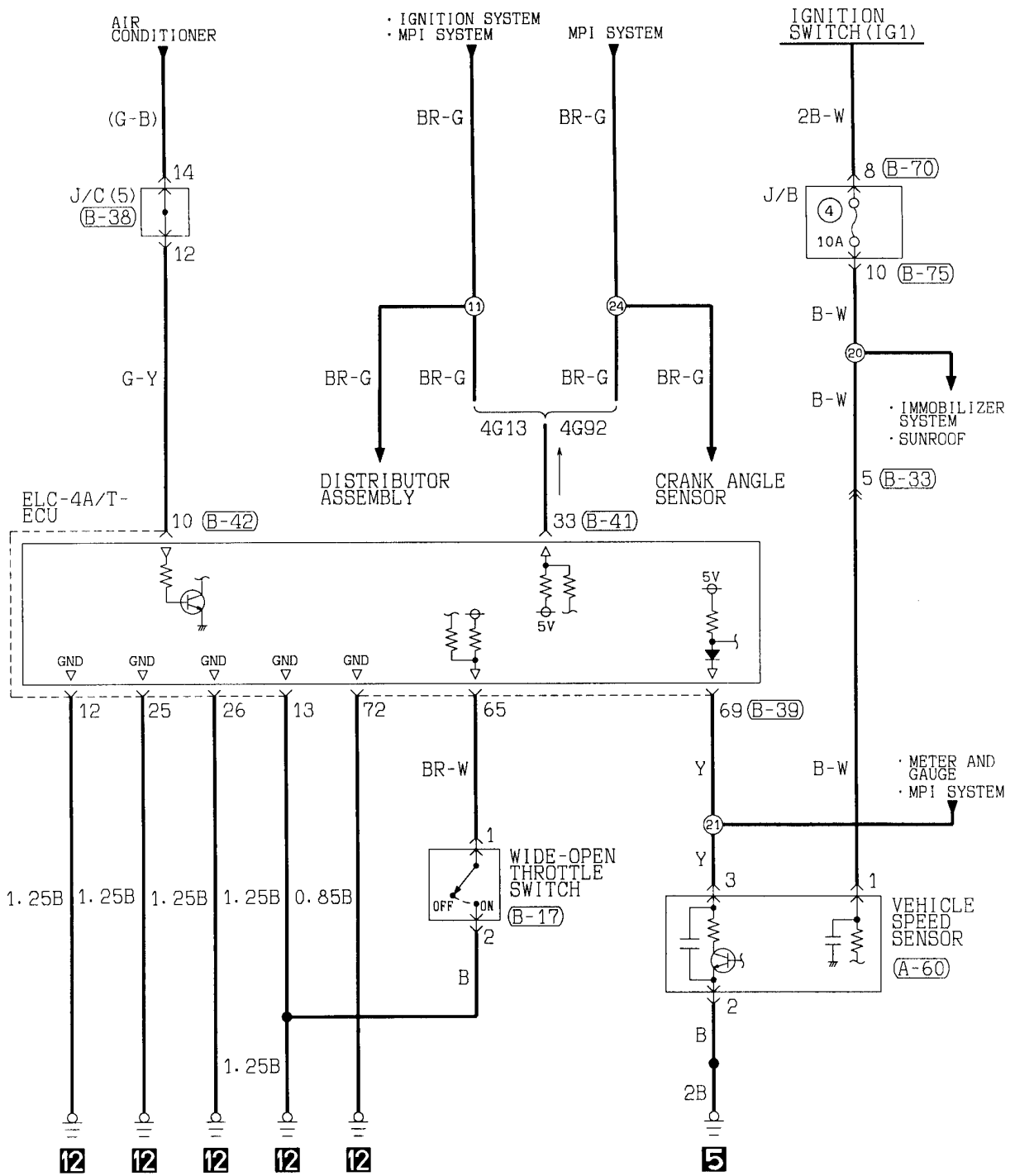
ELC 4-SPEED AUTOMATIC TRANSMISSION
R.H. drive vehicles (CONTINUED)





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





(B-39)

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

(B-41)

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

(B-42)

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-45)

1	2	3	4	5	6		
7	8	9	10	11	12	13	14

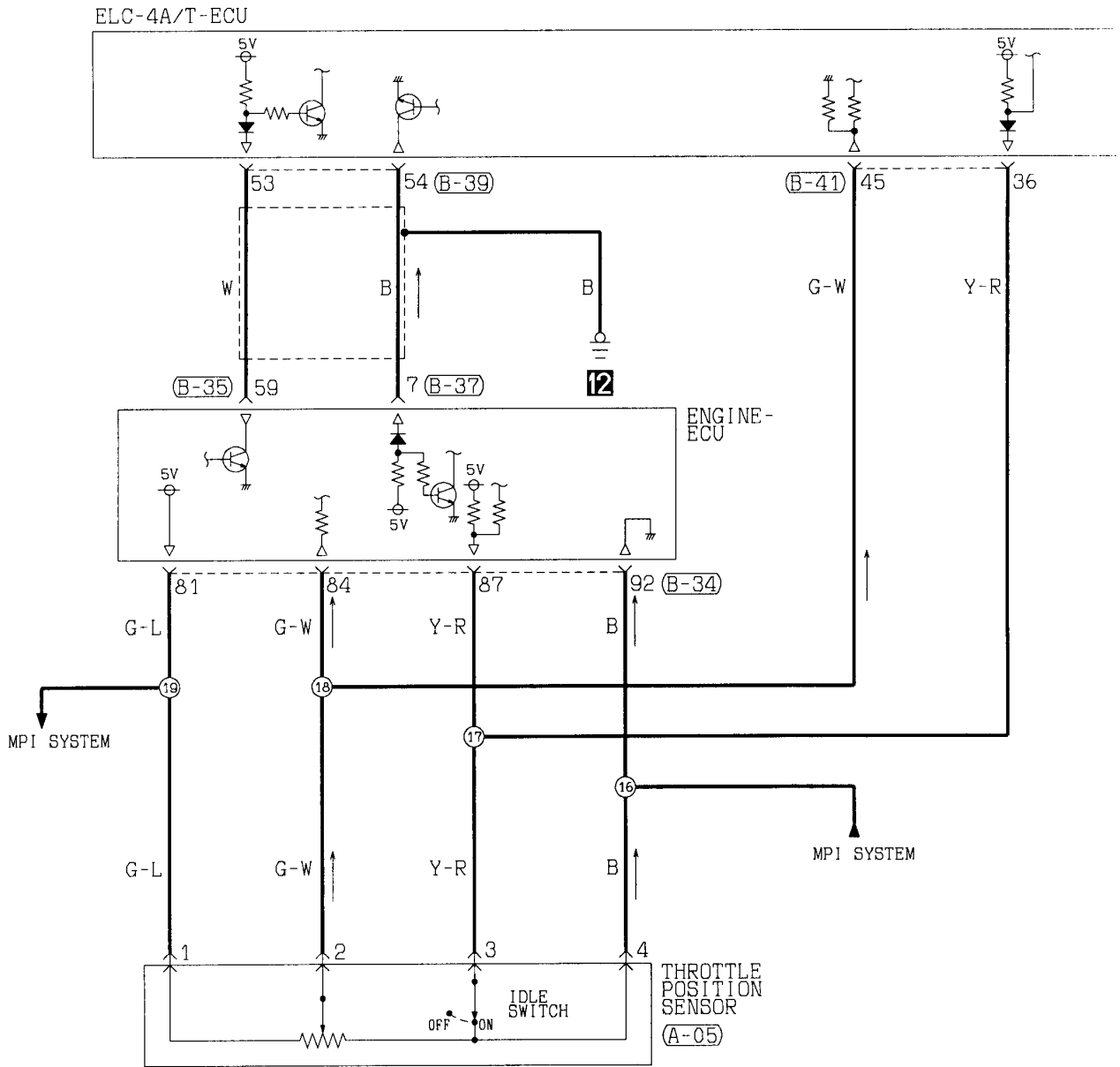
(B-47)

1	2	3	4	5	6		
7	8	9	10	11	12	13	14

(B-49)

1	2	3	4	5	6		
7	8	9	10	11	12	13	14

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



(A-05)

1	2	3	4
5	6	7	8

(B-18) FRONT SIDE

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

(B-32)

1	2	3	4	5	6	7
8	9	10	11	12	13	14

(B-34)

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

(B-35)

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

(B-37)

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-67)

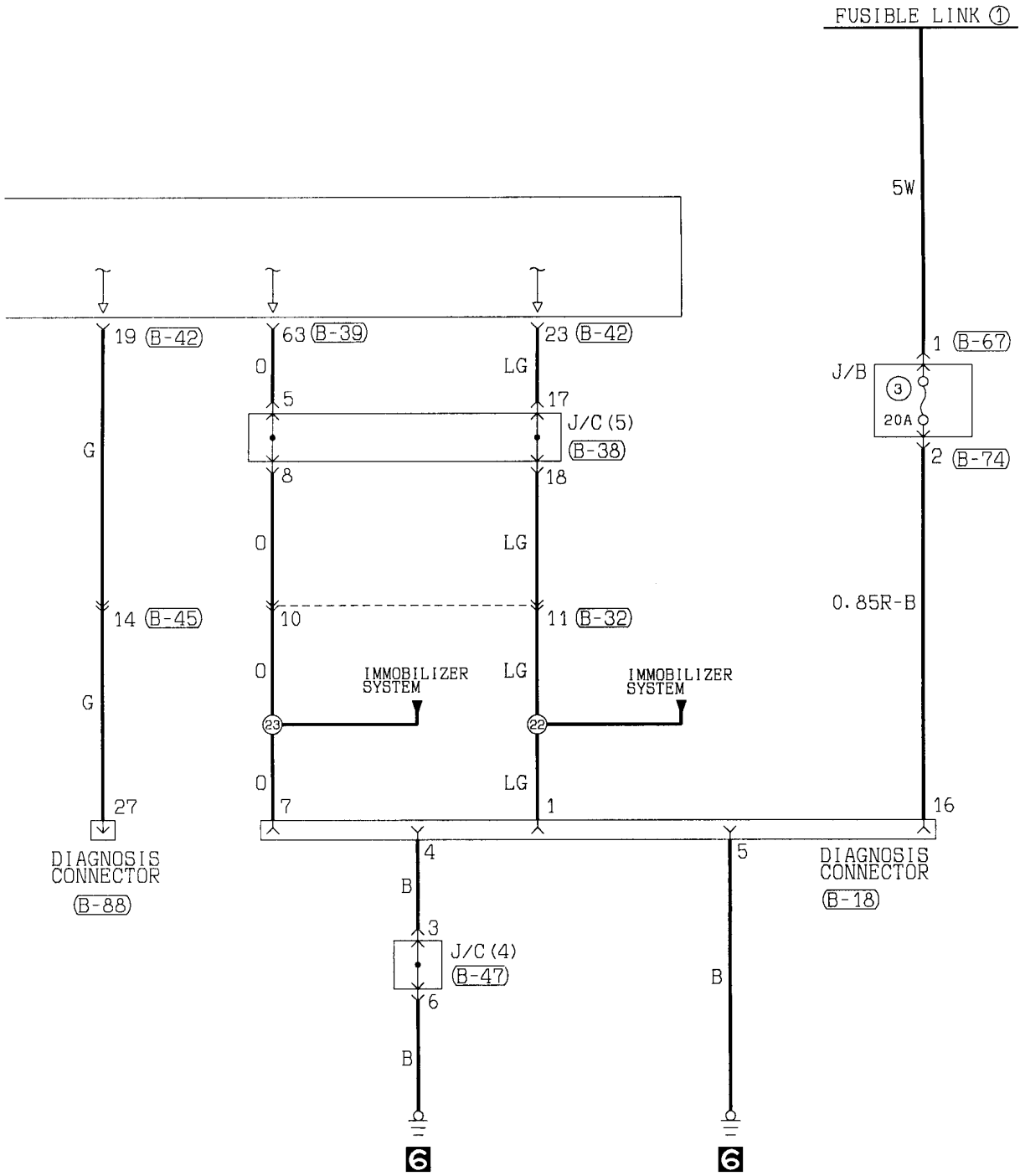
1

(B-74)

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

(B-88) FRONT SIDE

25	24	23	22	21		
32	31	30	29	28	27	26



(B-38)

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

(B-39)

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

(B-41)

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

(B-42)

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-45)

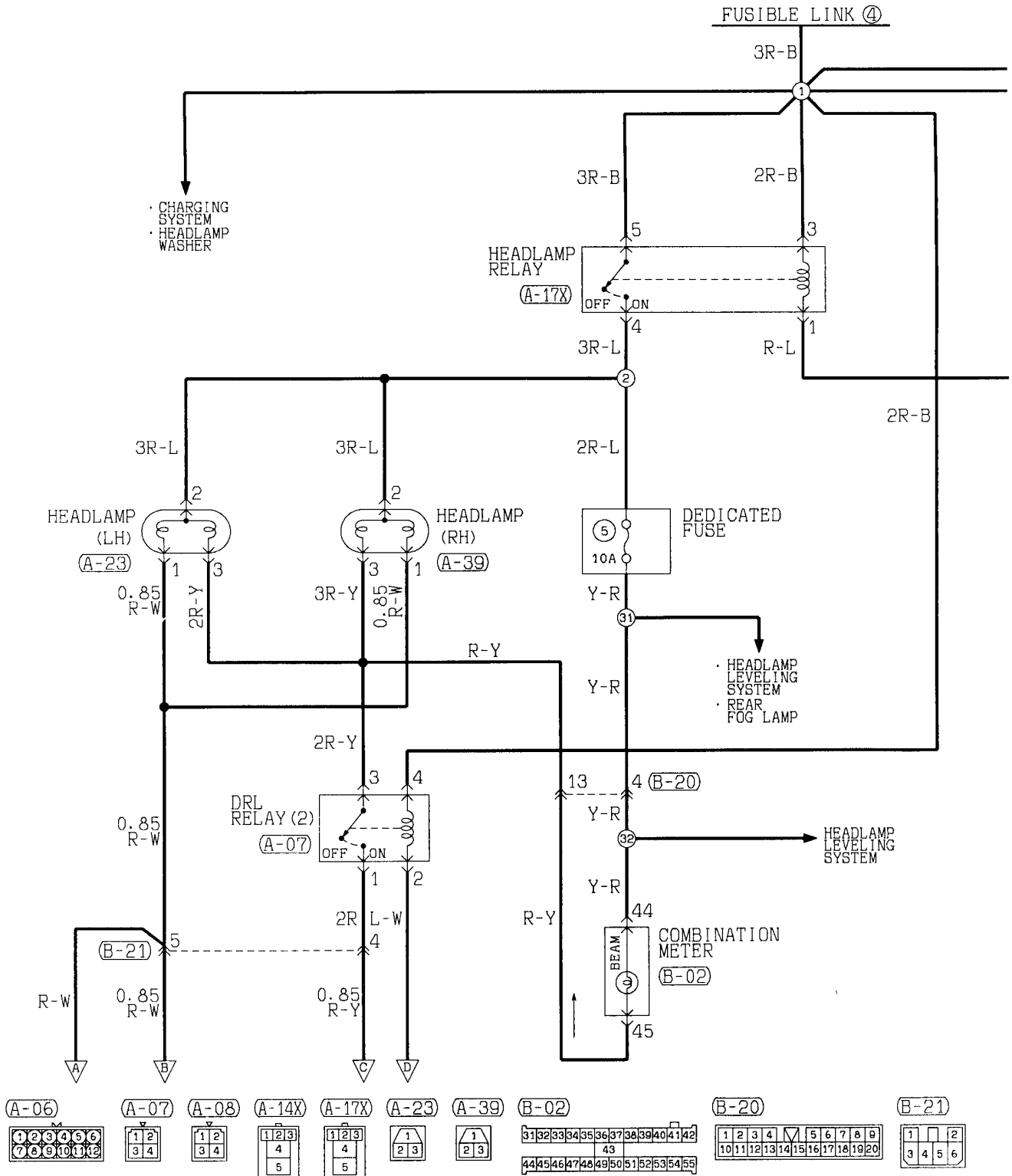
1	2	3	4	5	6		
7	8	9	10	11	12	13	14

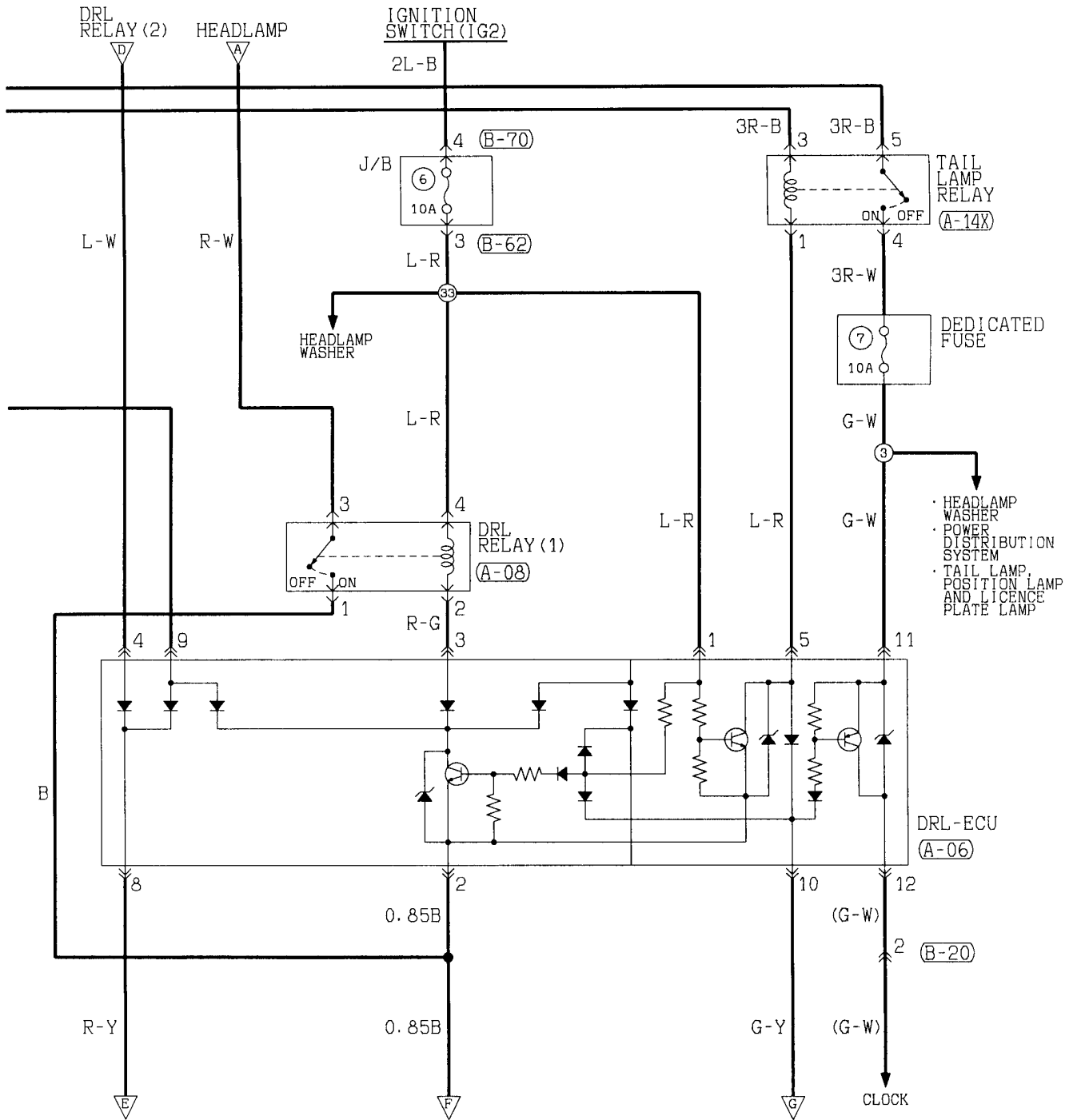
(B-47)

1	2	3	4	5	6		
7	8	9	10	11	12	13	14

HEADLAMP

Vehicles with daytime running lamp





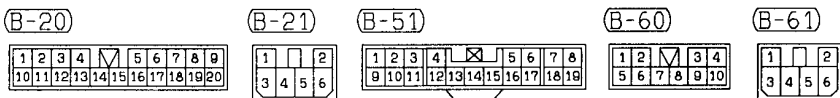
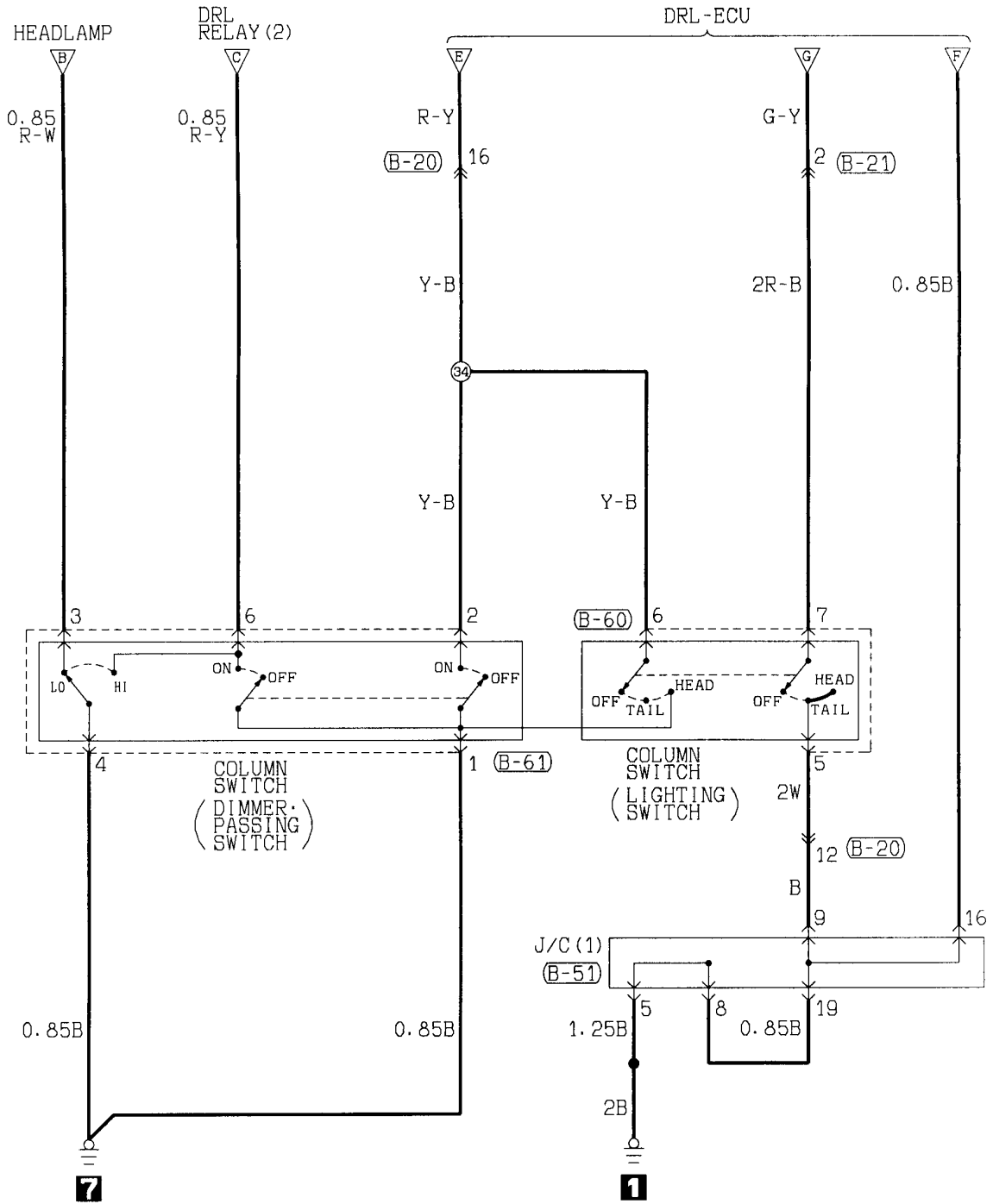
B-62



B-70



HEADLAMP
Vehicles with daytime running lamp (CONTINUED)



HEADLAMP <Vehicles with daytime running lamp> (See P. 4-64.)**OPERATION**

Headlamp relay activation requirements

Ignition switch	Lighting switch	Dimmer/passing switch	Headlamp relay
"ON"	"OFF"	-	On
-	"HEAD"	-	On
-	-	"PASS"	On

<Daytime running lamp operation>

- Turning the ignition switch to the ON position causes the headlamp relay, DRL relay 1, 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 DRL relay 2 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 DRL relay 2 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>

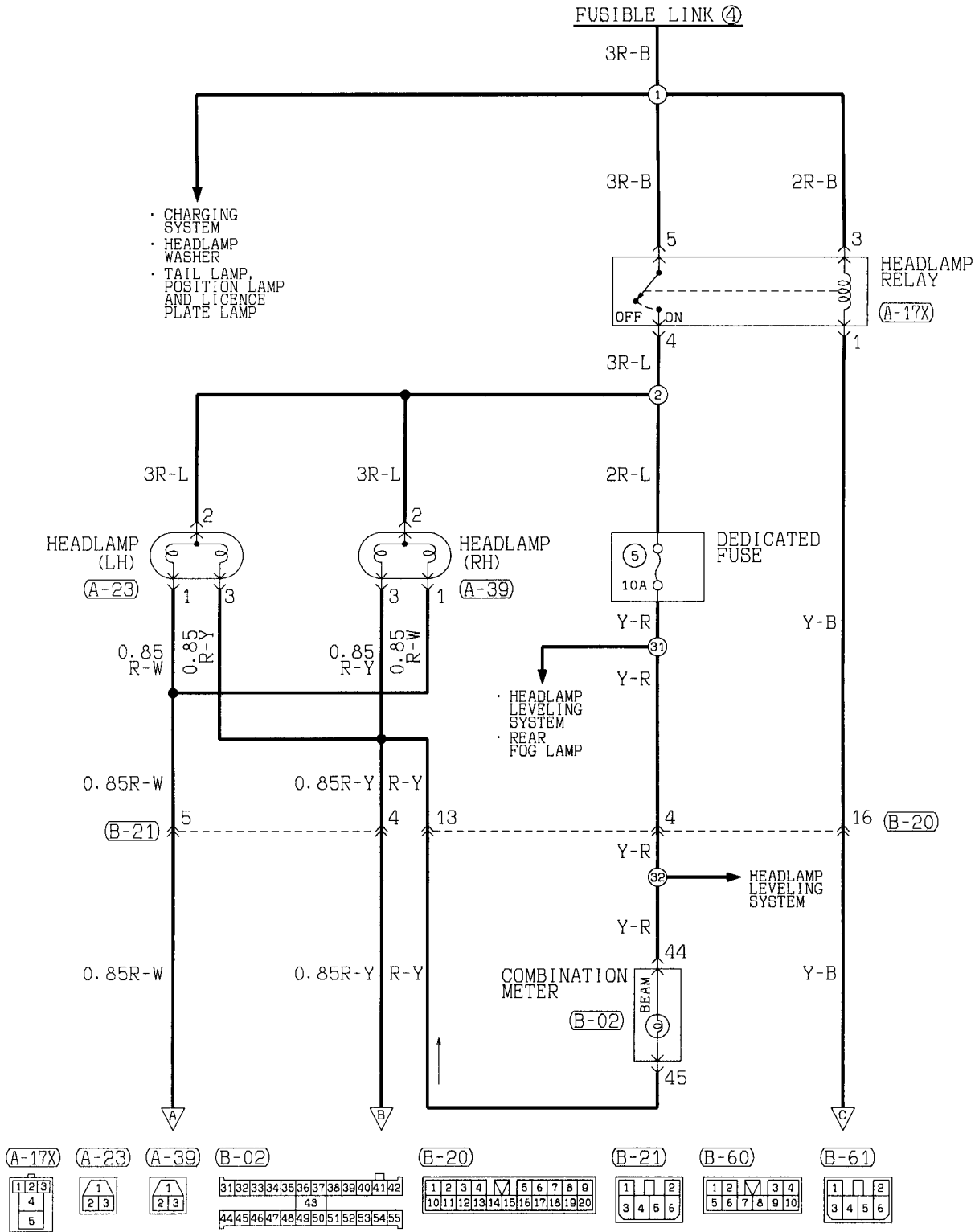
- When the dimmer/passing switch is set to the "ON" position, the headlamp relay is switched ON and the upper beam of the headlamps illuminates.

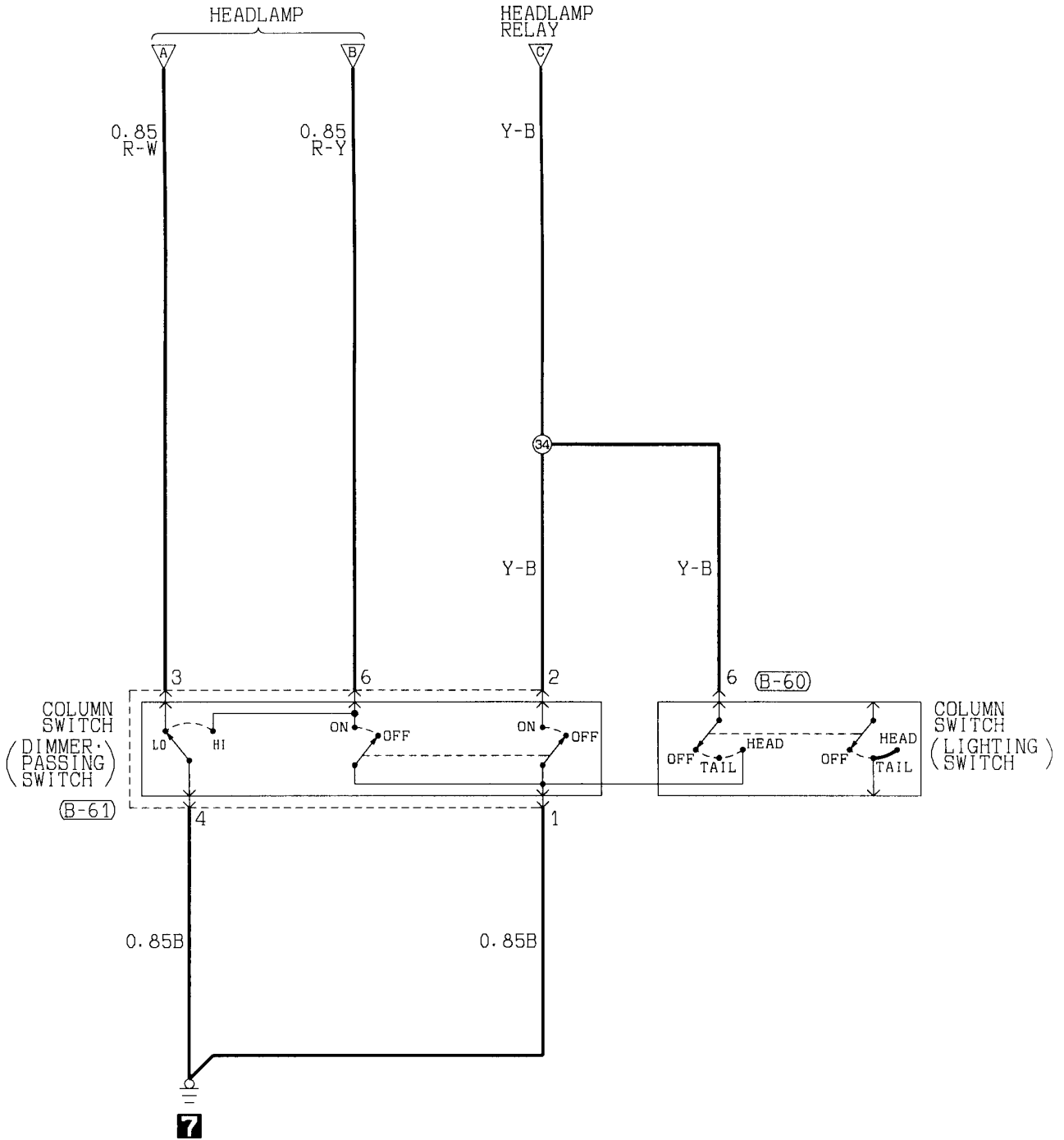
TROUBLESHOOTING HINTS

- Headlamps don't go on.
 - But the tail lamps do illuminate.
 - Check the headlamp relay.
 - Check the lighting switch.
 - The tail lamps also don't illuminate.
 - Check the fusible link No. (4).
- The low beam at both sides doesn't illuminate.
 - Check the dimmer switch LO contacts.
- The upper beam at both sides doesn't illuminate.
 - The passing signal functions OK.
 - Check the dimmer switch HI contacts.
 - The passing signal does not function.
 - Check the dimmer switch.
 - Check the DRL relay 2.
 - Check the DRL-ECU.
- One headlamp doesn't illuminate.
 - Check the lamp bulb.
- Can't switch from low to upper beam or vice-versa.
 - Check the dimmer switch.
- With the ignition switch at the "ON" position, the headlamps' low beam does not illuminate.
 - Check the DRL relay 1.
 - Check the DRL-ECU.
- Upper-beam indicator lamp does not go on.
 - Headlamp upper beams are operational.
 - Check dedicated fuse No. (5).
 - Check the indicator lamp bulb.

HEADLAMP

Vehicles without daytime running lamp





HEADLAMP <Vehicles without daytime running lamp> (See P. 4-68.)**OPERATION**

Headlamp relay activation requirements

Lighting switch	Dimmer/passing switch	Headlamp relay
"HEAD"	-	On
-	"ON"	On

<Low-beam operation>

- Placing the lighting switch in the HEAD position causes the headlamp relay to be energized.
- If the dimmer/passing switch is placed in the LO position at this time, the headlamps light up in low beam.

<Upper-beam operation>

- Placing the lighting switch in the HEAD position causes the headlamp relay to be energized.
- If the dimmer/passing switch is placed in the HI position at this time, the headlamps light up in upper beam.

<Upper-beam indicator lamp>

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

<Passing operation>

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

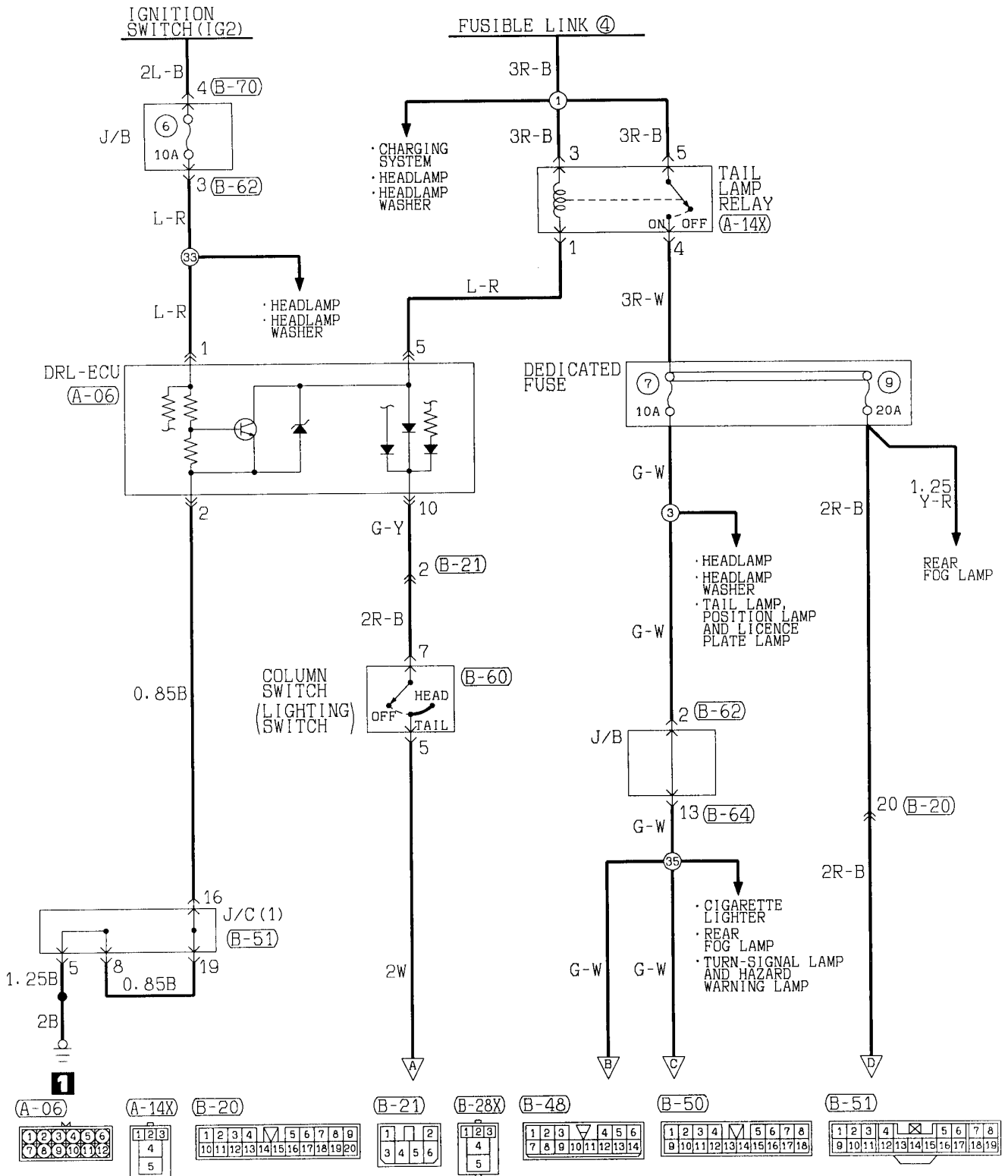
TROUBLESHOOTING HINTS

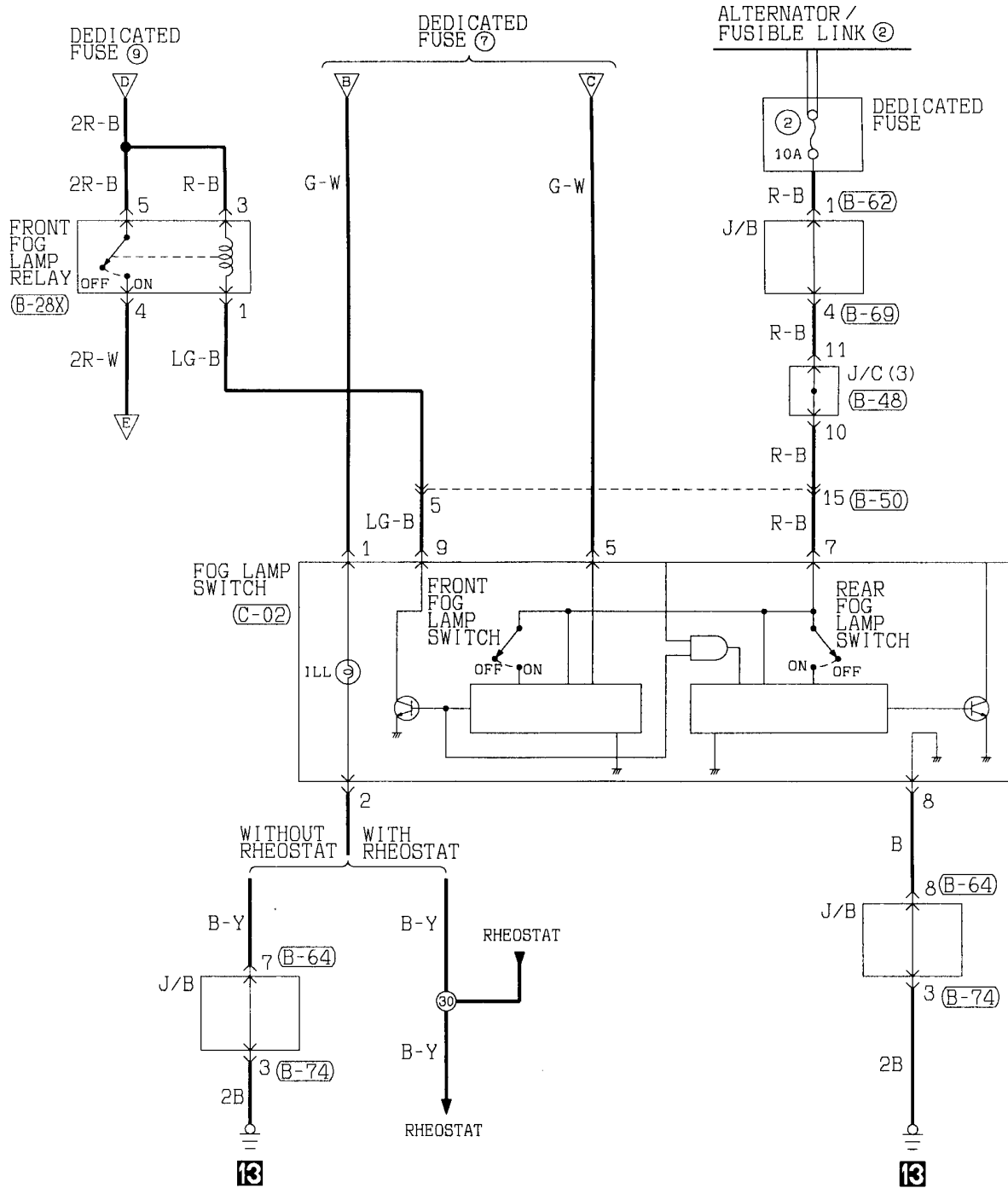
- Headlamps don't go on.
 - But the tail lamps illuminate.
 - Check the headlamp relay.
 - Check the lighting switch.
 - The tail lamps also don't illuminate.
 - Check the fusible link No. (4).
- The low beam at both sides doesn't illuminate.
 - Check the dimmer switch LO contacts.
- The upper beam at both sides doesn't illuminate.
 - The passing signal functions OK.
 - Check the dimmer switch HI contacts.
 - One headlamps doesn't illuminate.
 - Check the lamp bulb.
- Can't switch from low to upper beam or vice-versa.
 - Check the dimmer switch.
- Upper-beam indicator lamp does not go on.
 - Headlamp upper beams are operational.
 - Check dedicated fuse No. (5).
 - Check the indicator lamp bulb.

NOTES

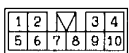
FRONT FOG LAMP

Vehicles with daytime running lamp

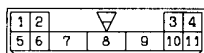




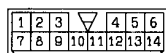
(B-60)



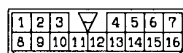
(B-62)



(B-64)



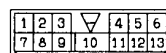
(B-69)



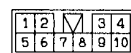
(B-70)



(B-74)

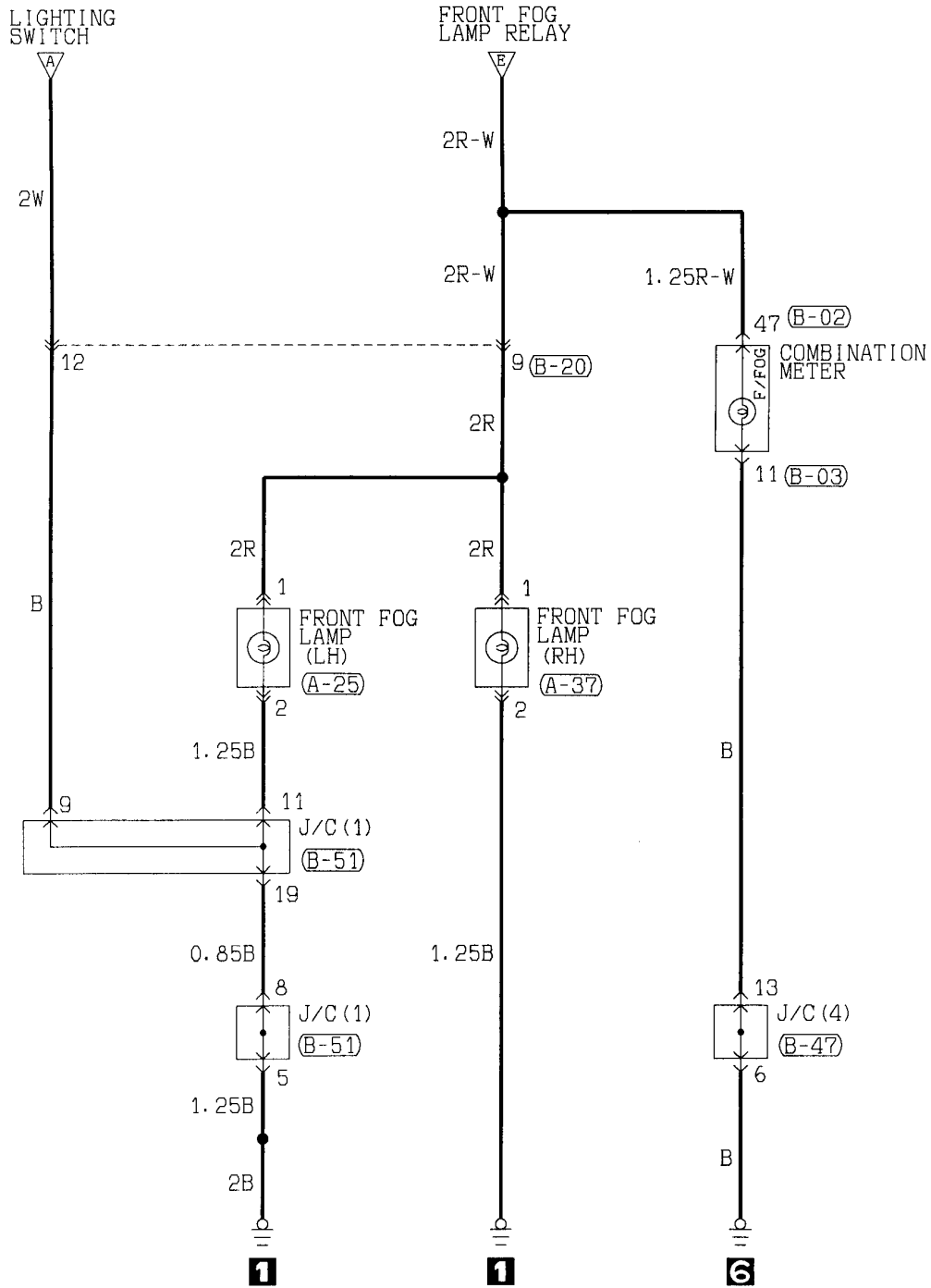


(C-02)

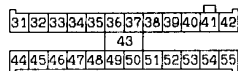


FRONT FOG LAMP

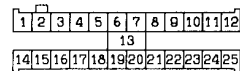
Vehicles with daytime running lamp (CONTINUED)



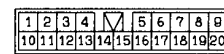
(A-25) (A-37) (B-02)



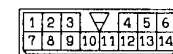
(B-03)



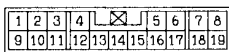
(B-20)



(B-47)



(B-51)



FRONT FOG LAMP <Vehicles with daytime running lamp> (See P. 4-72.)**OPERATION**

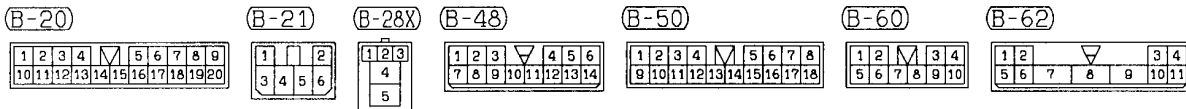
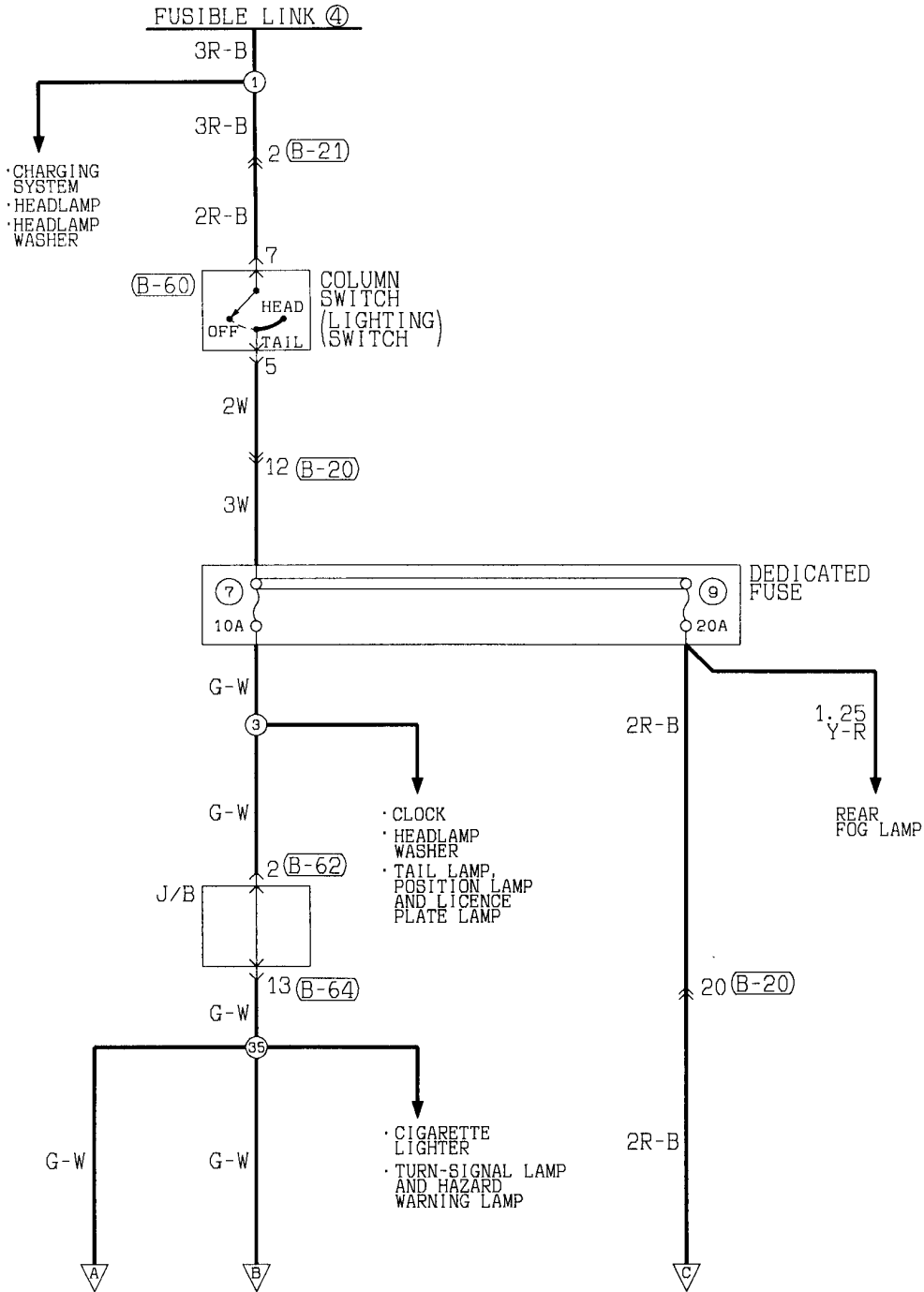
- When the lighting switch is moved to the TAIL position, the tail lamp relay turns on, and system voltage is applied to the front fog lamp relay via dedicated fuse No. (9).
- If the front fog lamp switch is turned on at this time, the front fog lamp relay turn on, and current flows through dedicated fuse No. (9) so that the fog lamps illuminate.

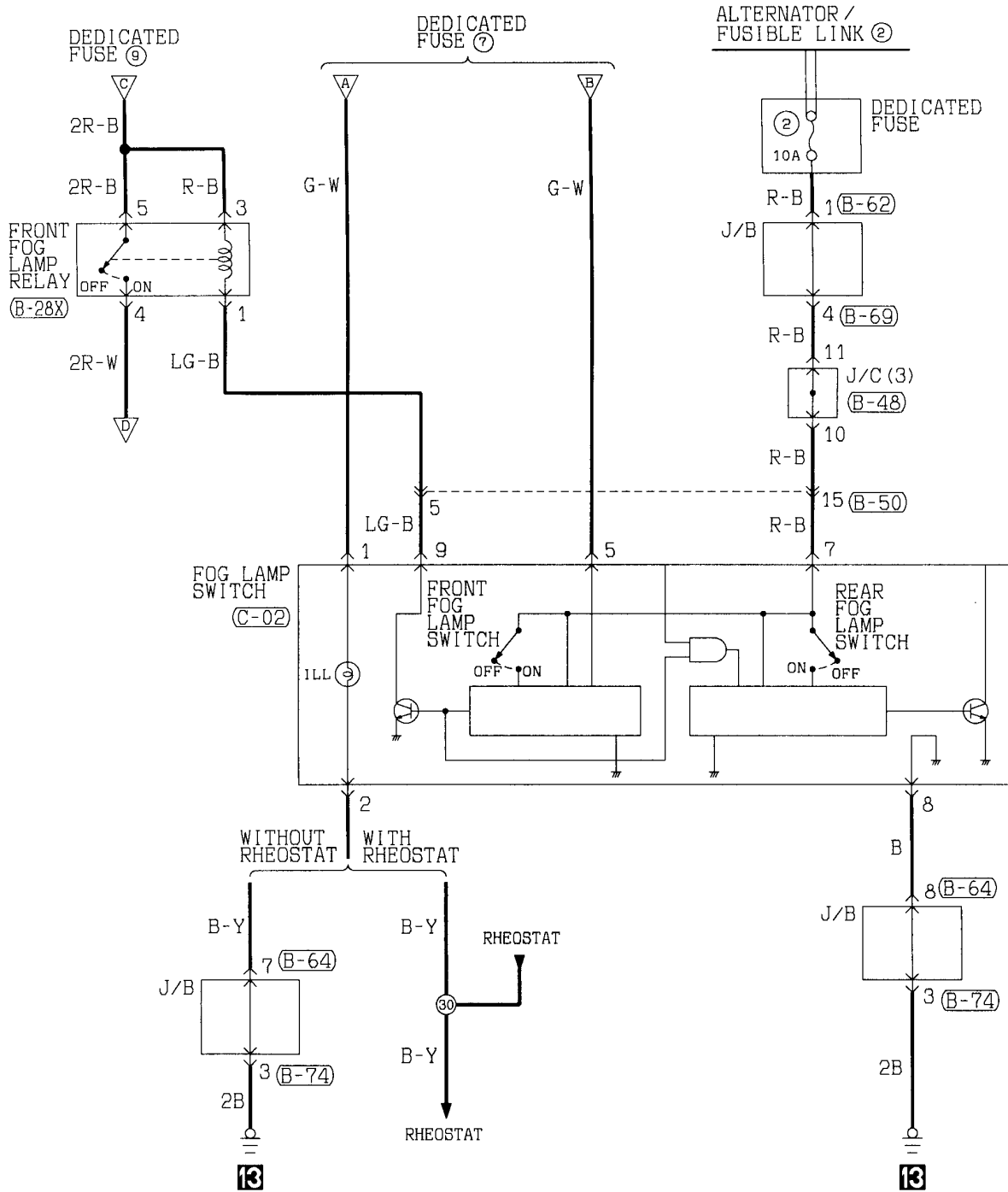
TROUBLESHOOTING HINTS

1. The front fog lamp does not illuminate.
 - (1) The tail lamps illuminate.
 - Check the dedicated fuse No. (9).
 - Check the front fog lamp switch.
 - Check the front fog lamp relay.
 - (2) The tail lamps do not illuminate, either.
 - Check the fusible link No. (4).
 - Check the tail lamp relay.
2. The front fog lamp at the one side doesn't illuminate.
 - Check the lamp bulb.

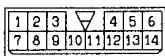
FRONT FOG LAMP

L.H. drive vehicles without daytime running lamp

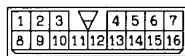




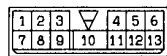
(B-64)



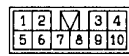
(B-69)



(B-74)

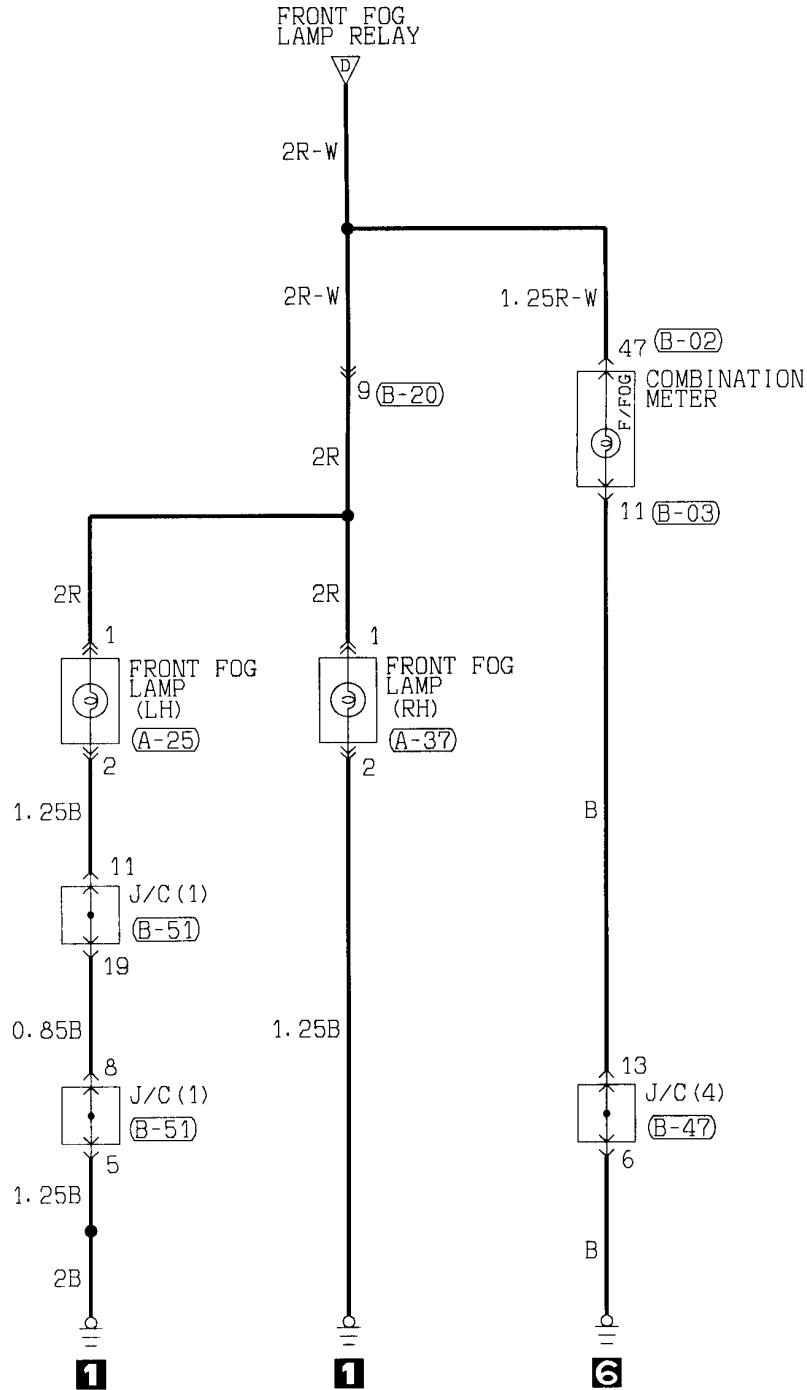


(C-02)

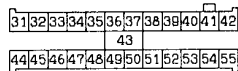


FRONT FOG LAMP

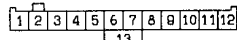
L.H. drive vehicles without daytime running lamp (CONTINUED)



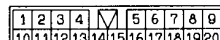
(A-25) (A-37) (B-02)



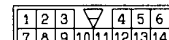
(B-03)



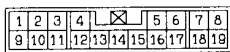
(B-20)



(B-47)



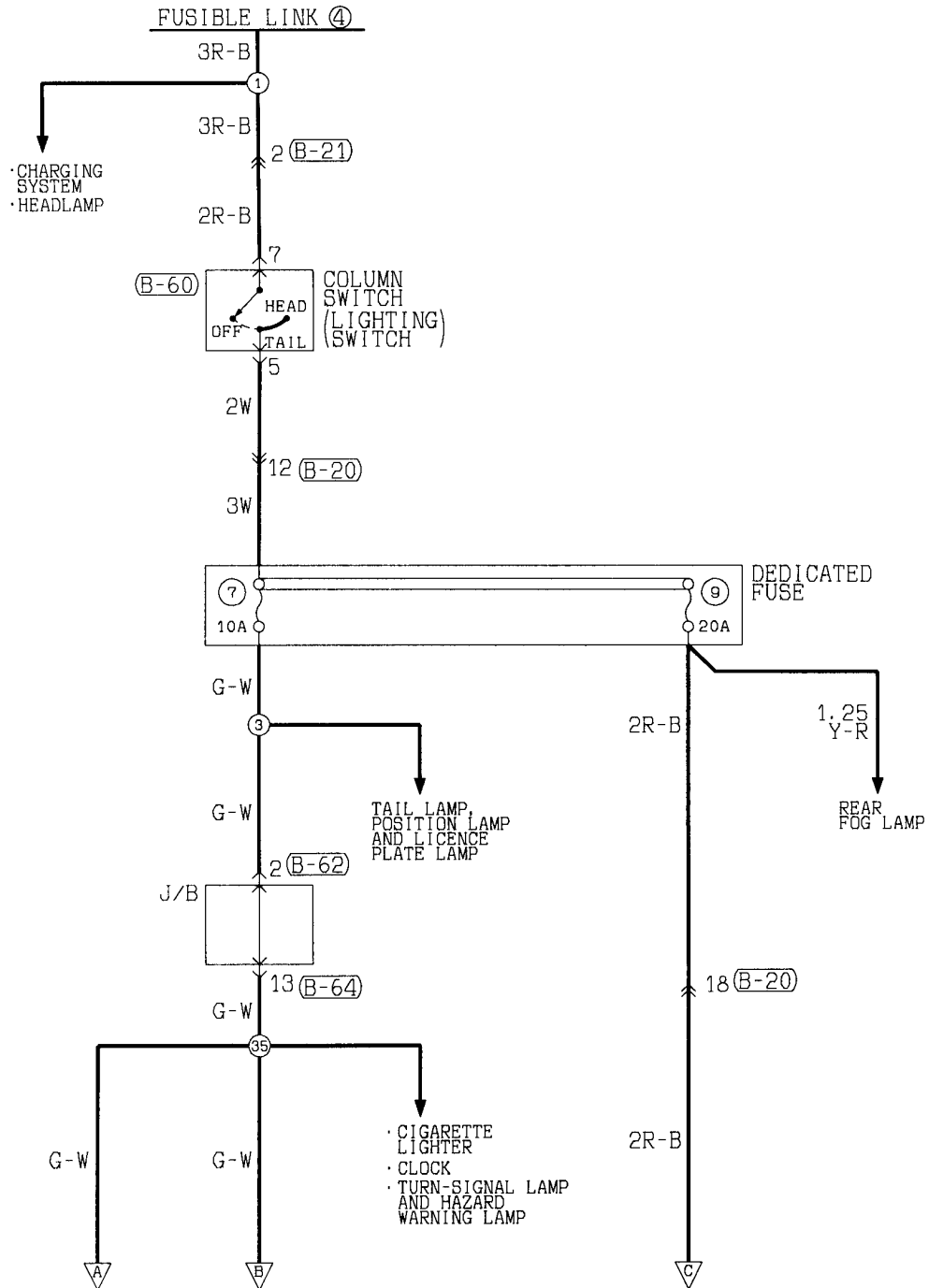
(B-51)



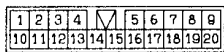
NOTES

FRONT FOG LAMP

R.H. drive vehicles



(B-20)



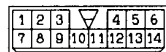
(B-21)



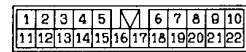
(B-28X)



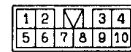
(B-48)



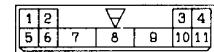
(B-50)

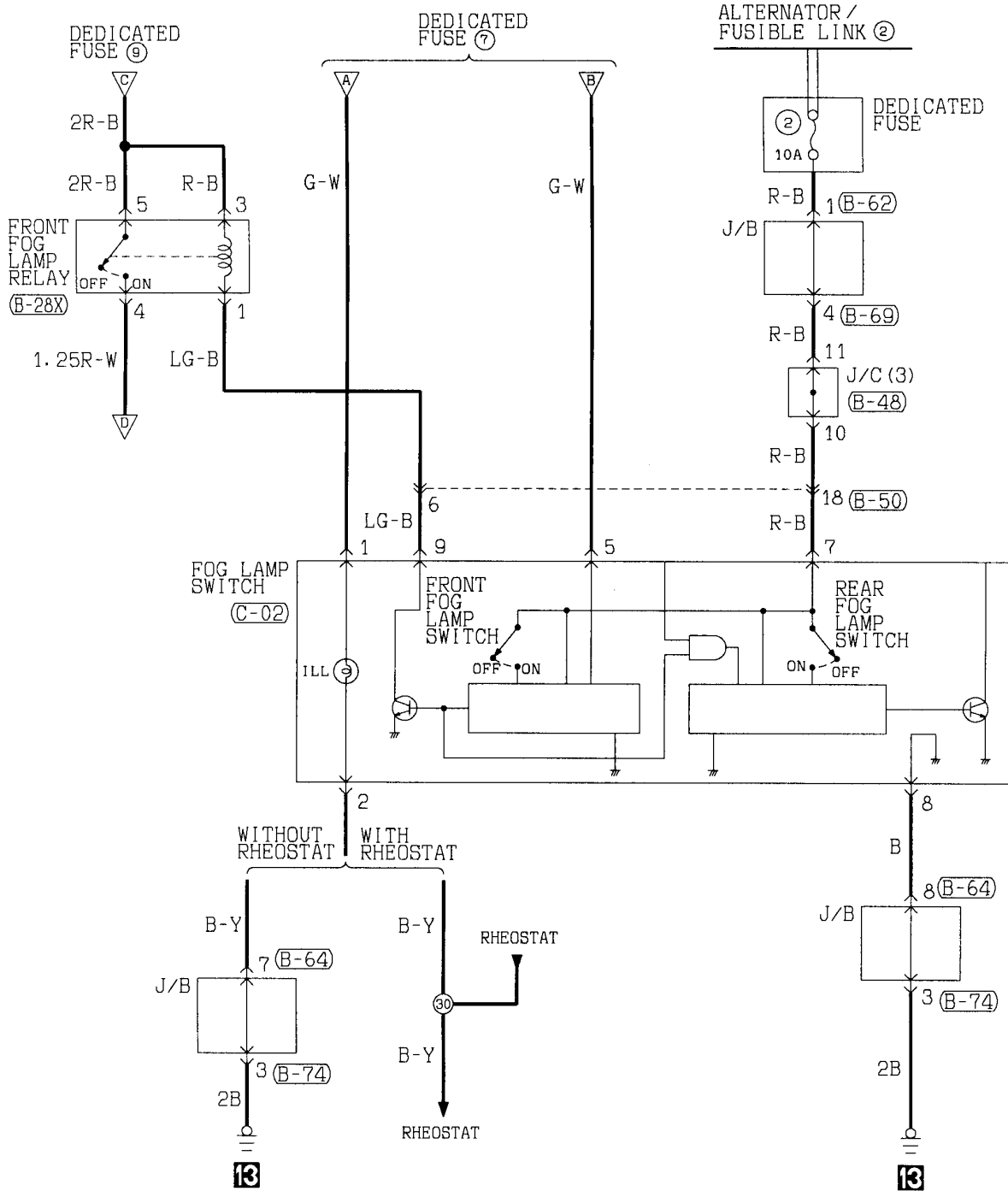


(B-60)

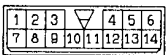


(B-62)

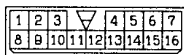




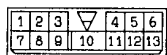
(B-64)



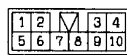
(B-69)



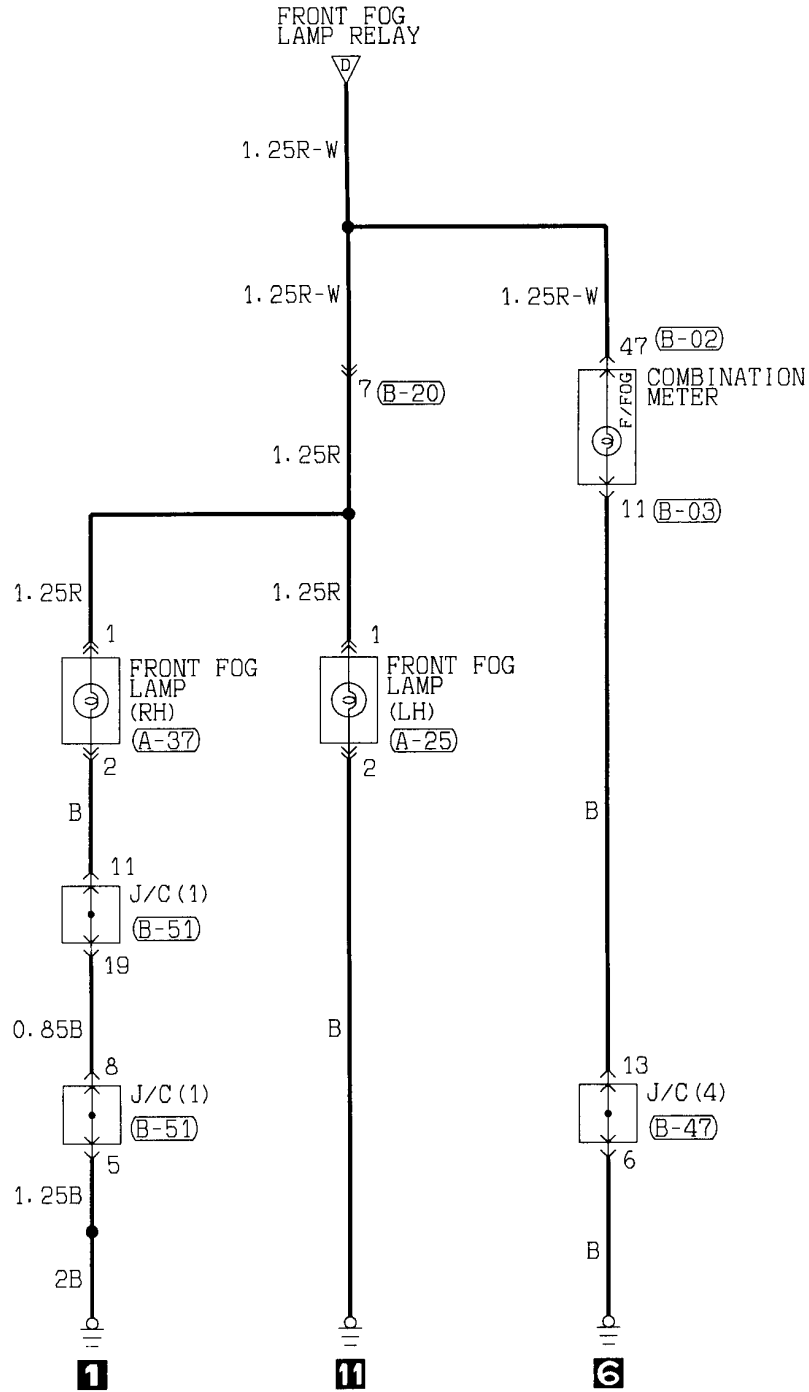
(B-74)



(C-02)



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



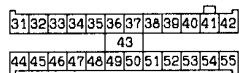
(A-25)



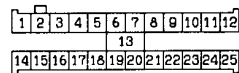
(A-37)



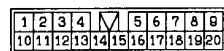
(B-02)



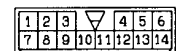
(B-03)



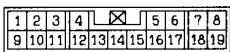
(B-20)



(B-47)



(B-51)



FRONT FOG LAMP <Vehicles without daytime running lamp> (See P. 4-76, 80.)**OPERATION**

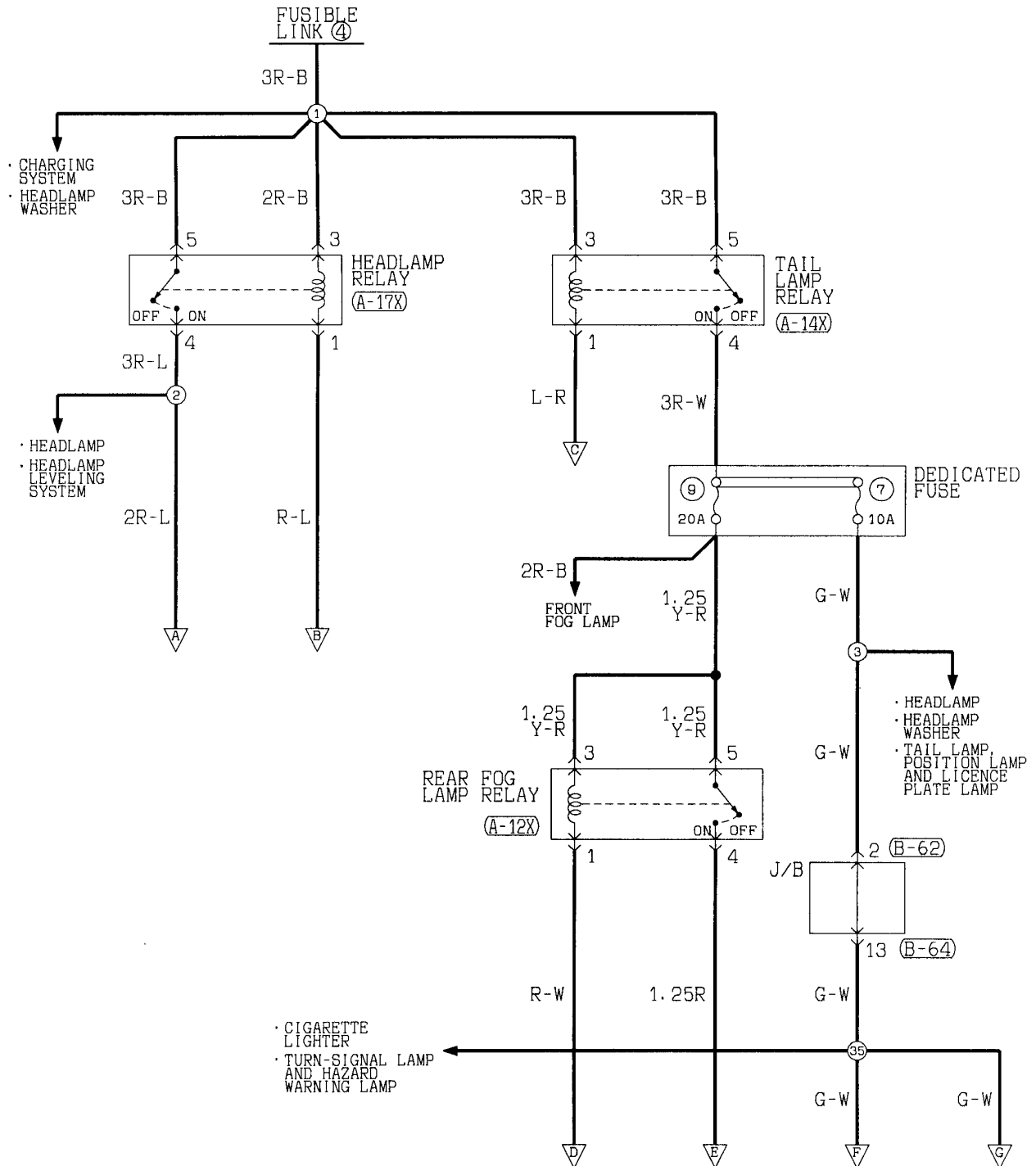
- When the front fog lamp switch is moved to the ON position, current flows through dedicated fuse No. (9) and the front fog lamps illuminate.
- At the same time, current flows through dedicated fuse No. (7) so that the tail lamps, position lamps, licence plate lamp and illumination lamp illuminate in the same way as when the lighting switch is moved to the TAIL position.

TROUBLESHOOTING HINTS

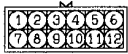
1. The front fog lamp does not illuminate.
 - (1) The tail lamps illuminate.
 - Check the dedicated fuse No. (9).
 - Check front fog lamp switch.
 - (2) The tail lamps do not illuminate, either.
 - Check fusible link No. (4).
2. The front fog lamp at the one side doesn't illuminate.
 - Check the lamp bulb.

REAR FOG LAMP

Vehicles with daytime running lamp



(A-06)



(A-12X)



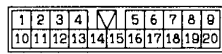
(A-14X)



(A-17X)



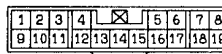
(B-20)



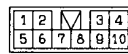
(B-21)



(B-51)

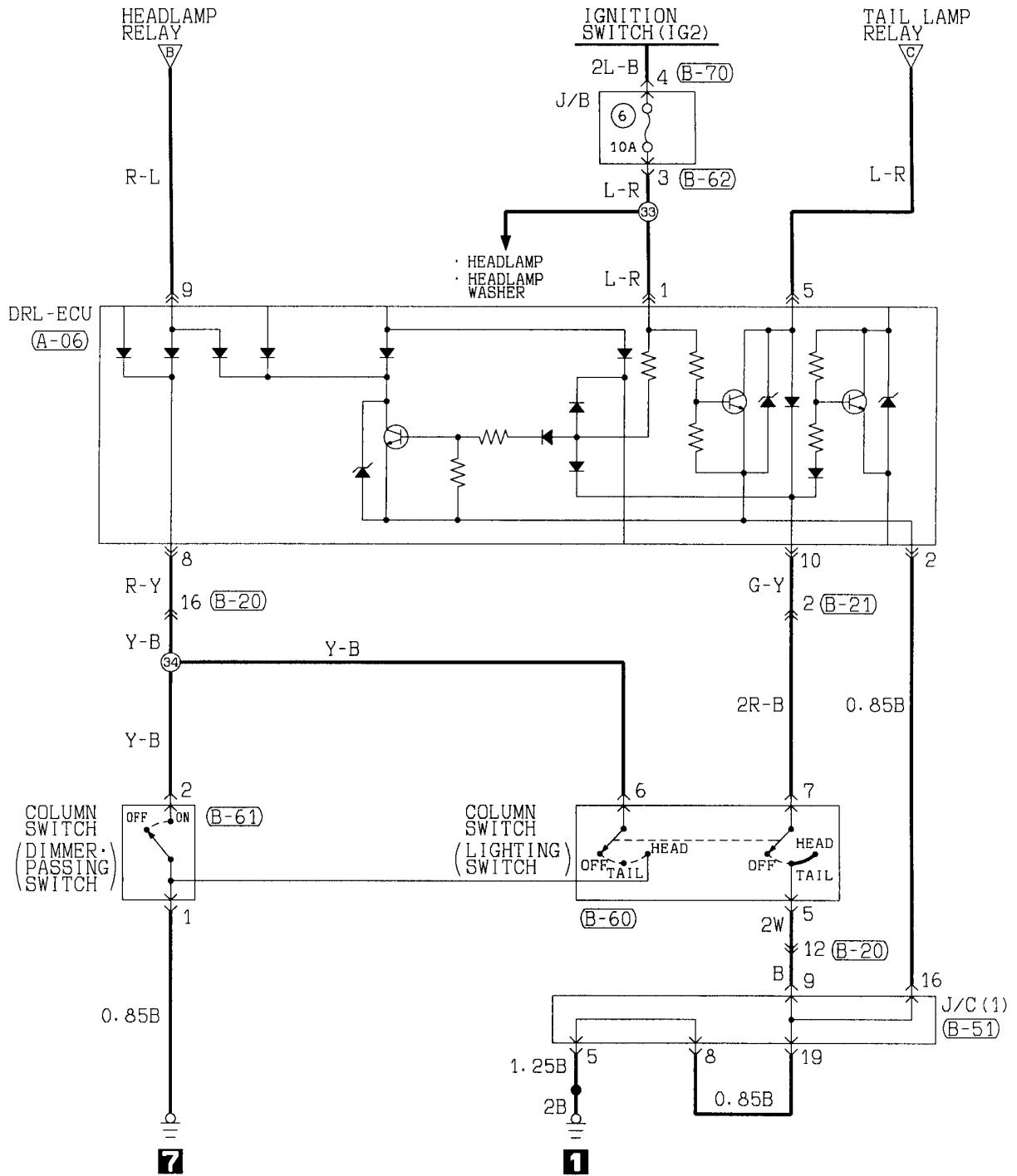


(B-60)

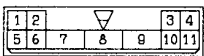


(B-61)

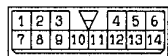




(B-62)



(B-64)

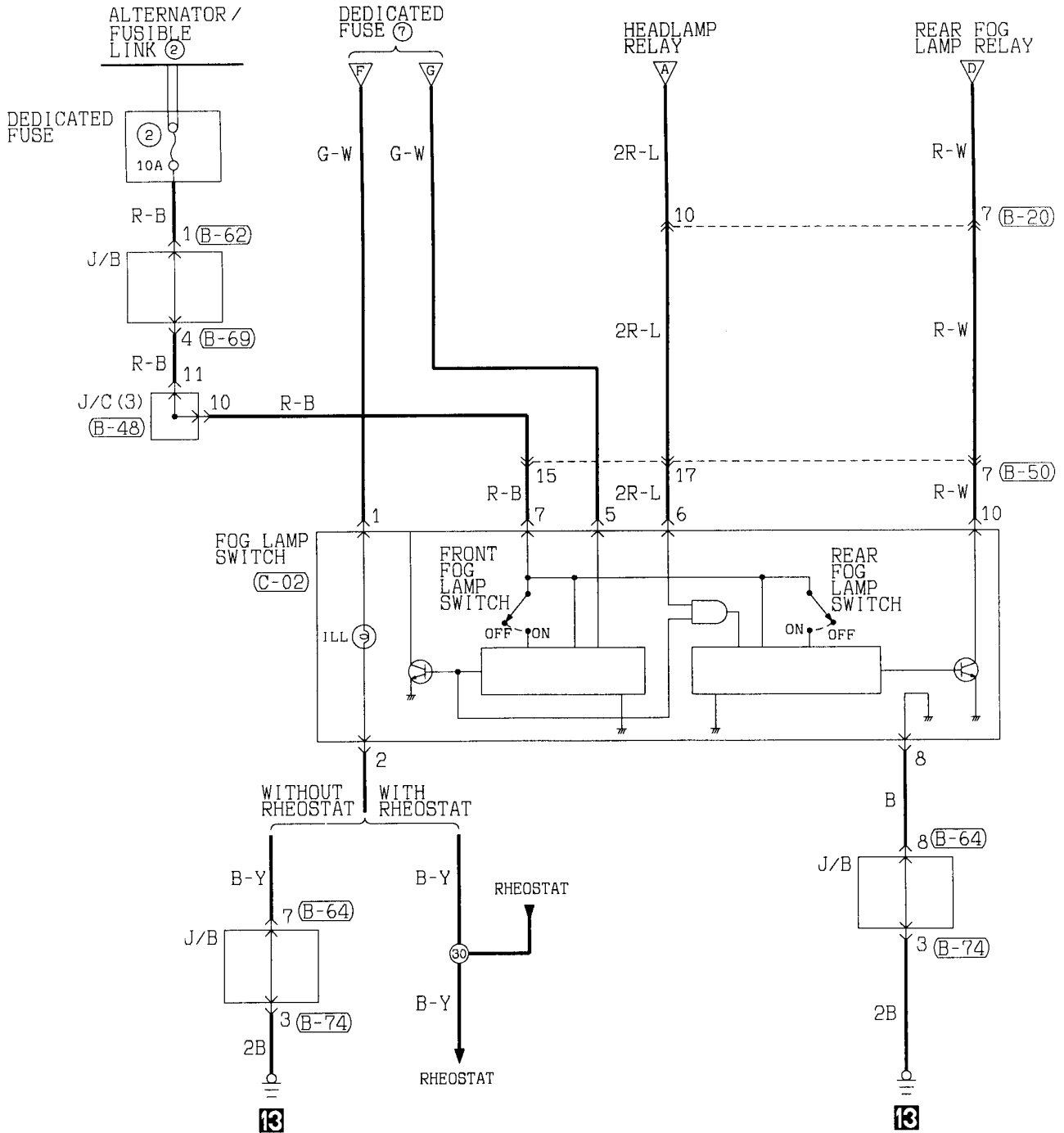


(B-70)

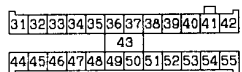


REAR FOG LAMP

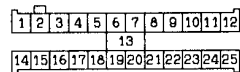
Vehicles with daytime running lamp (CONTINUED)



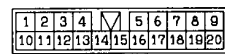
(B-02)



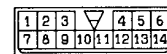
(B-03)



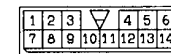
(B-20)



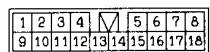
(B-47)



(B-48)



(D-11)



(F-09)



(F-12)

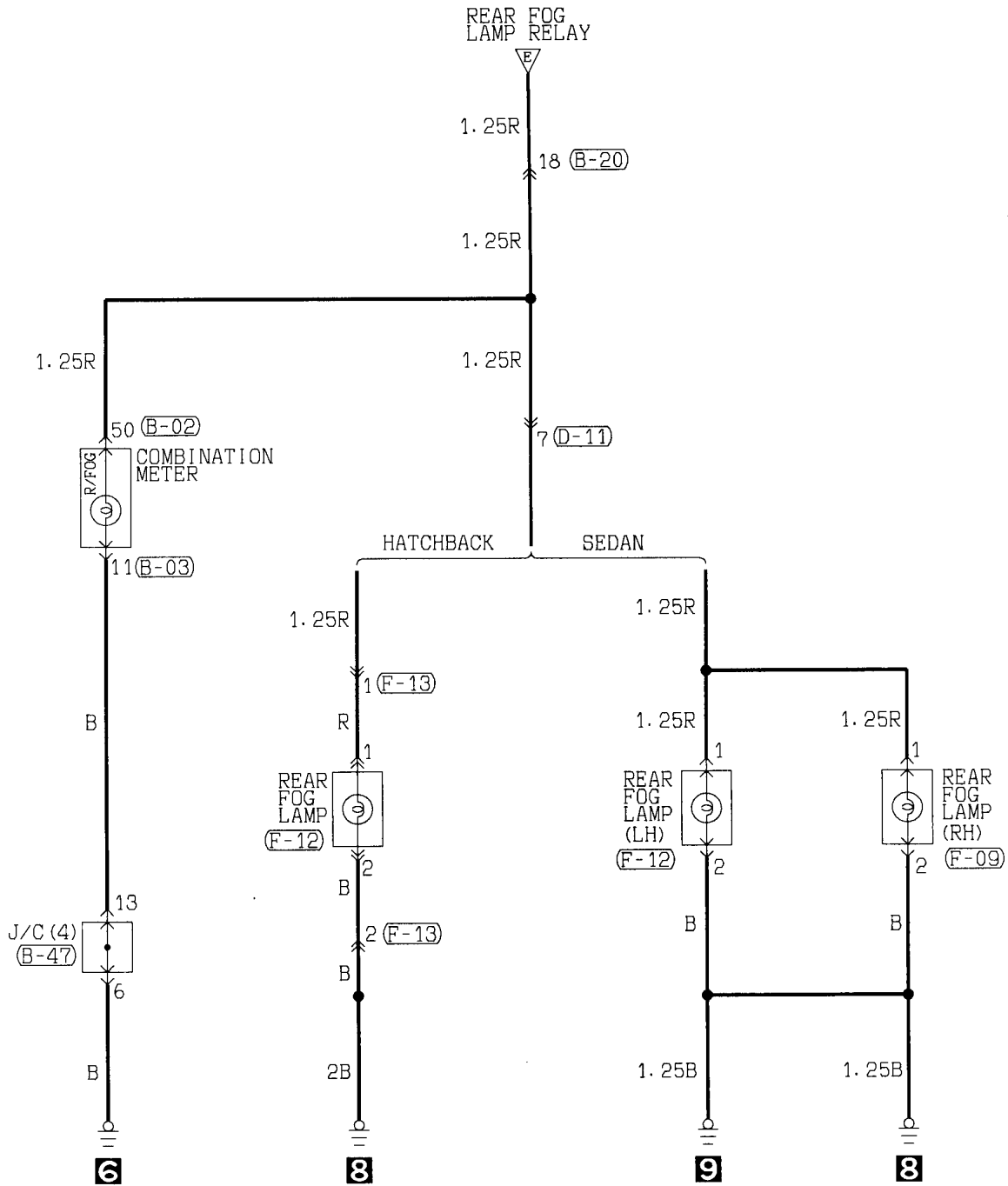


(F-13)

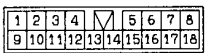


(F-13)

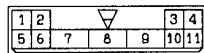




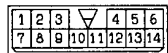
(B-50)



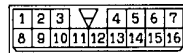
(B-62)



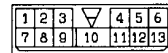
(B-64)



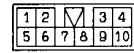
(B-69)



(B-74)

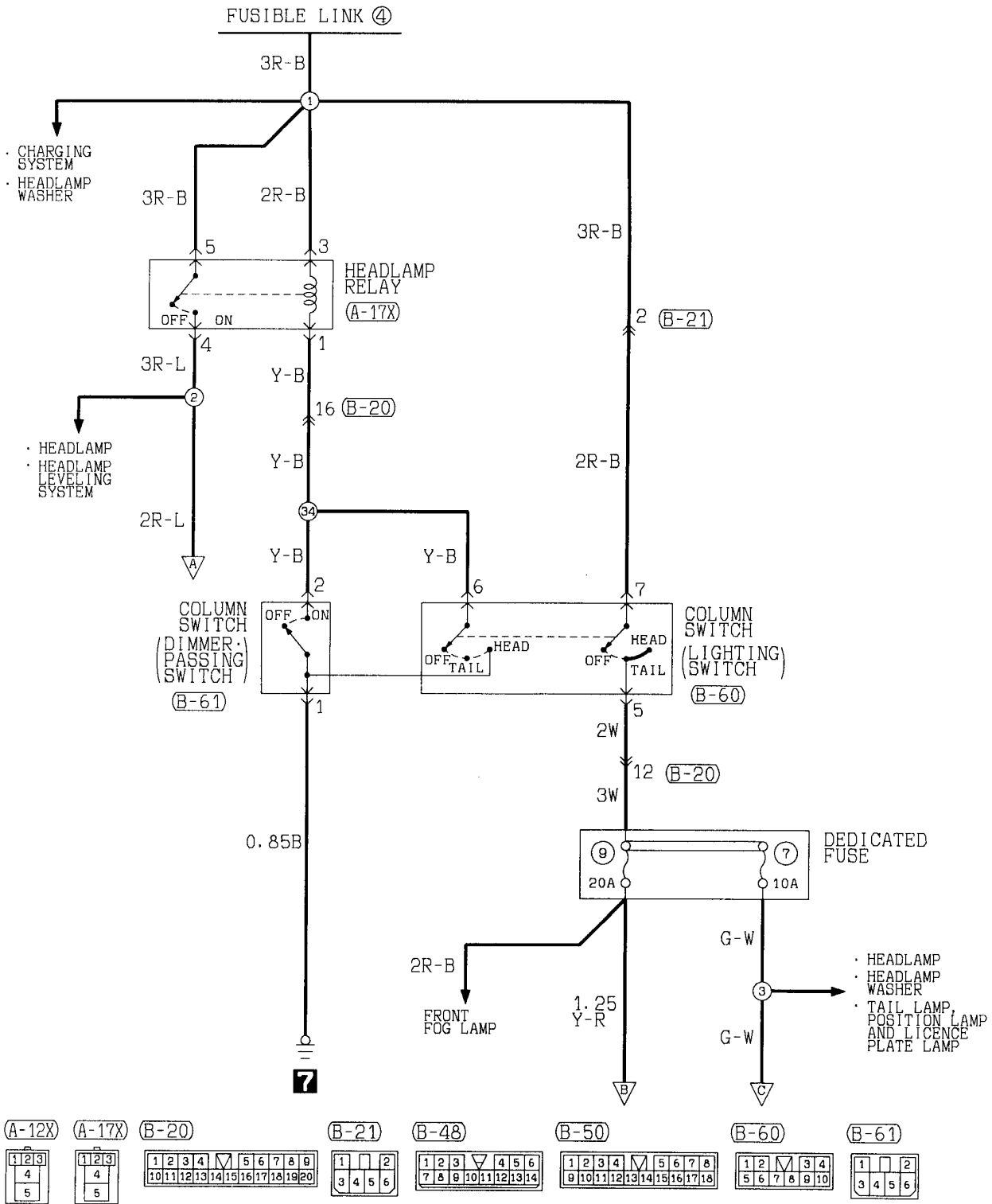


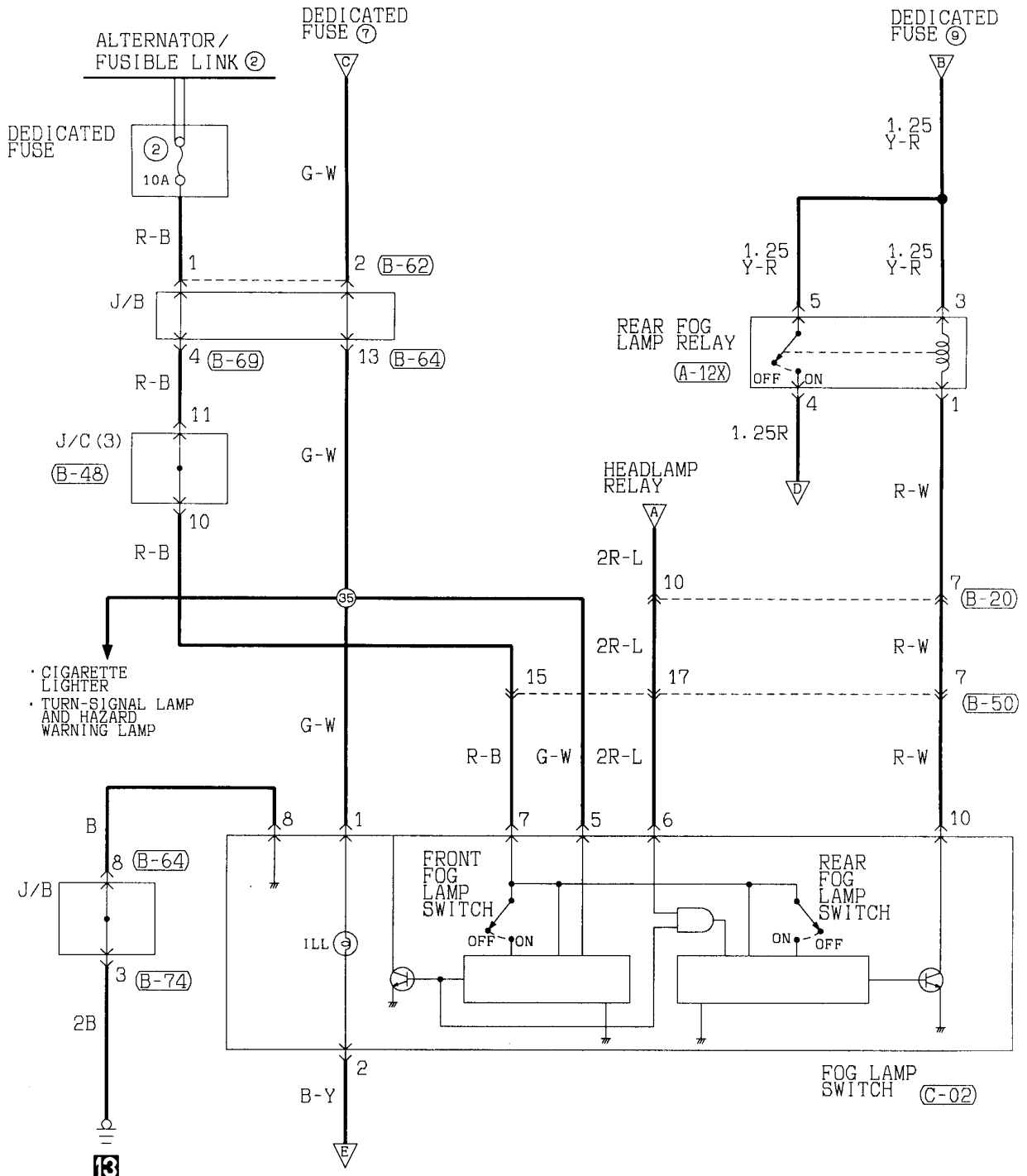
(C-02)



REAR FOG LAMP

L.H. drive vehicles without daytime running lamp





(B-62)

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

(B-64)

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

(B-69)

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

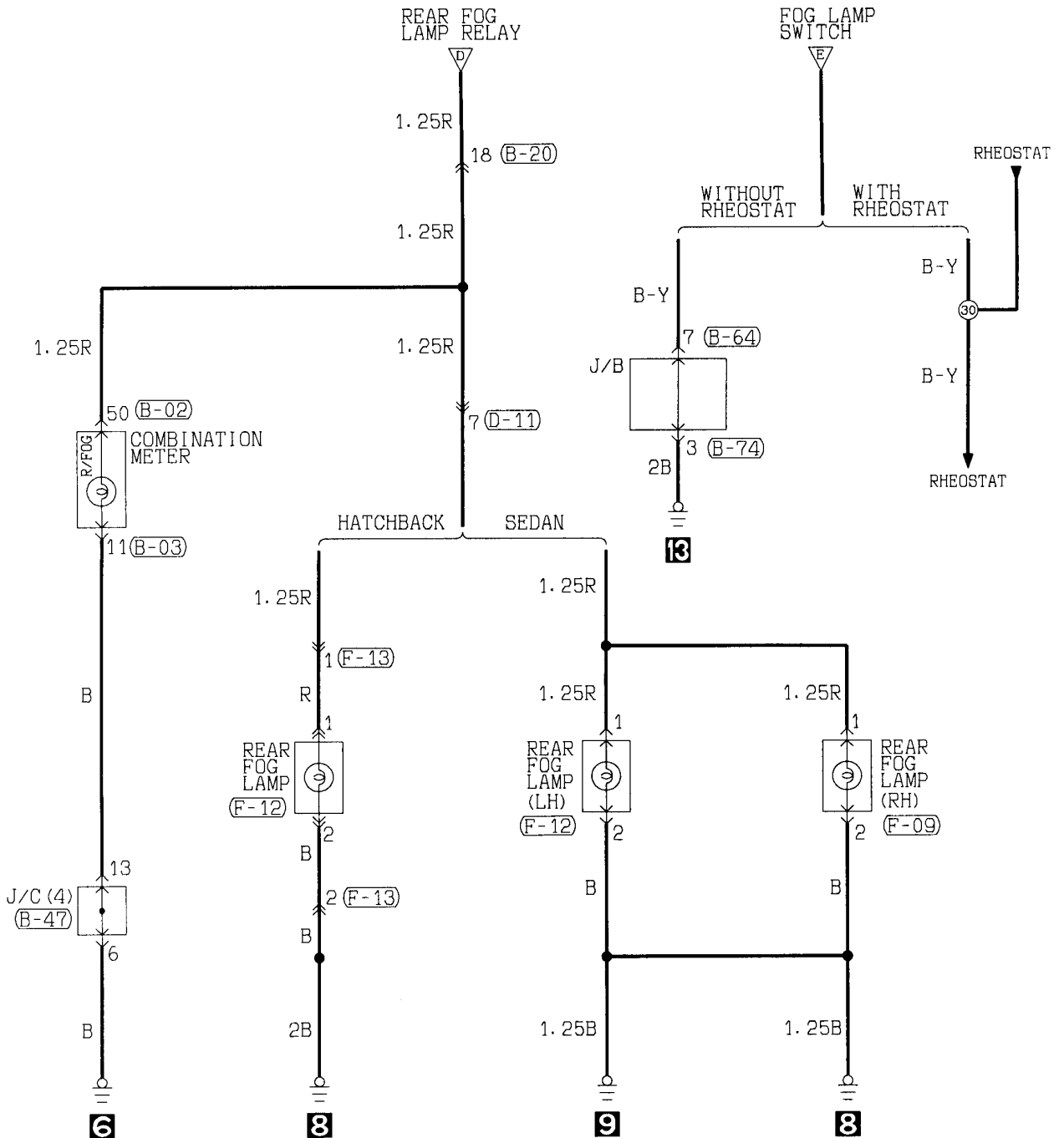
(B-74)

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

(C-02)

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

REAR FOG LAMP
L.H. drive vehicles without daytime running lamp (CONTINUED)

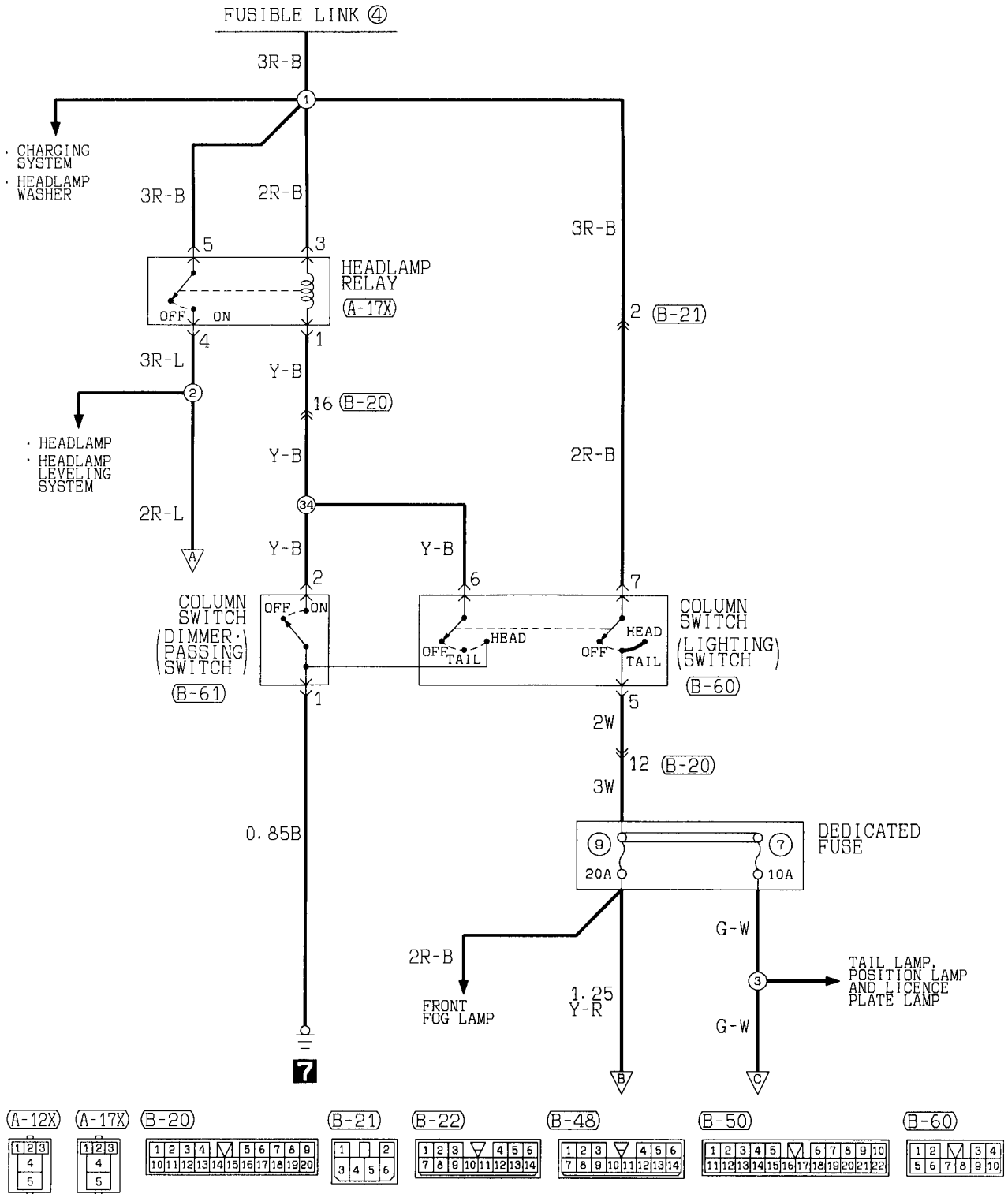


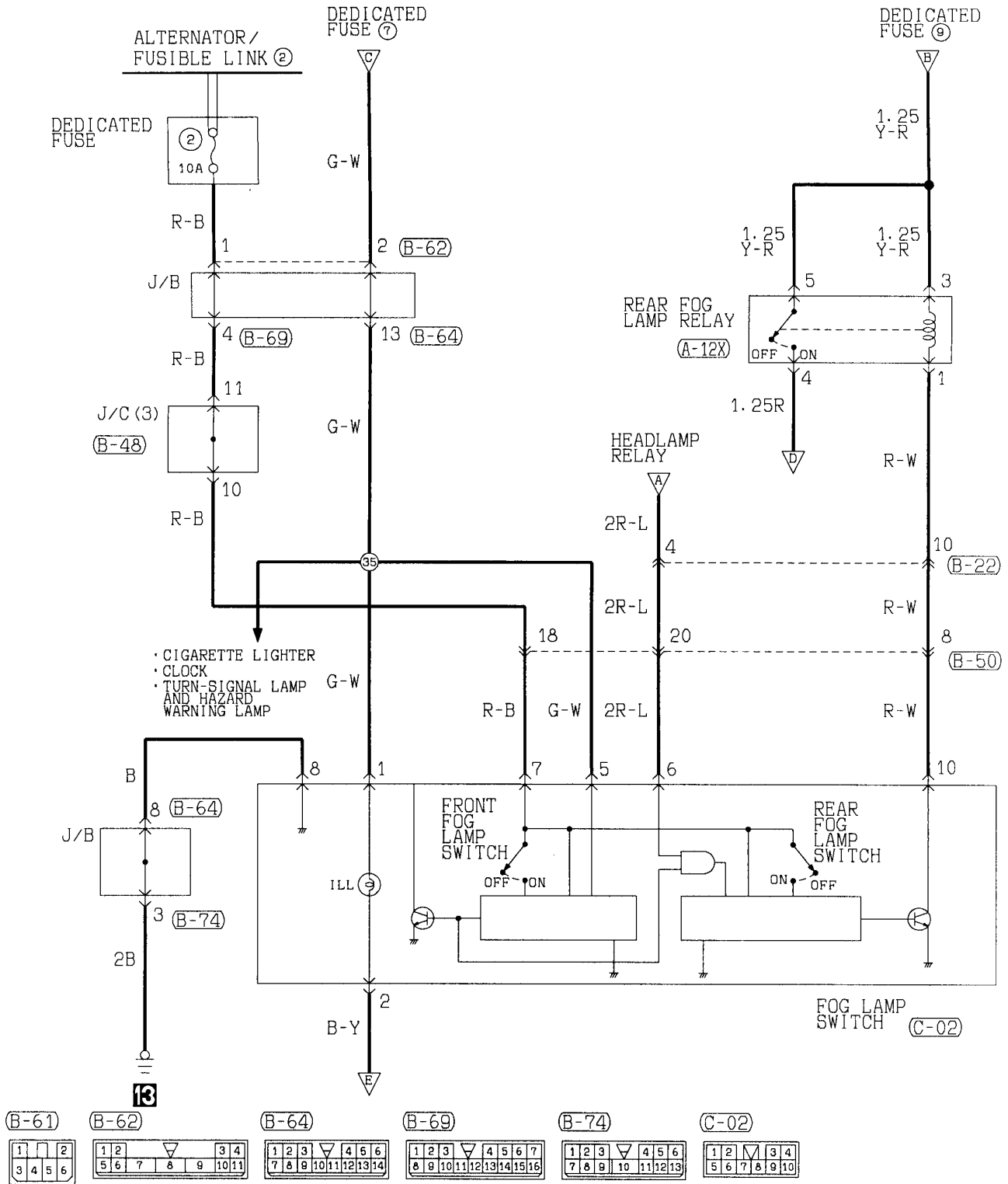
(B-02)	(B-03)	(B-20)	(B-47)	(B-64)	(B-74)
31 32 33 34 35 36 37 38 39 40 41 42 43	1 2 3 4 5 6 7 8 9 10 11 12 13	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	1 2 3 4 5 6 7 8 9 10 11 12 13 14	1 2 3 4 5 6 7 8 9 10 11 12 13 14	1 2 3 4 5 6 7 8 9 10 11 12 13
(D-11)	(F-09)	(F-12)	(F-13)		
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		(HATCHBACK) (SEDAN) 			

NOTES

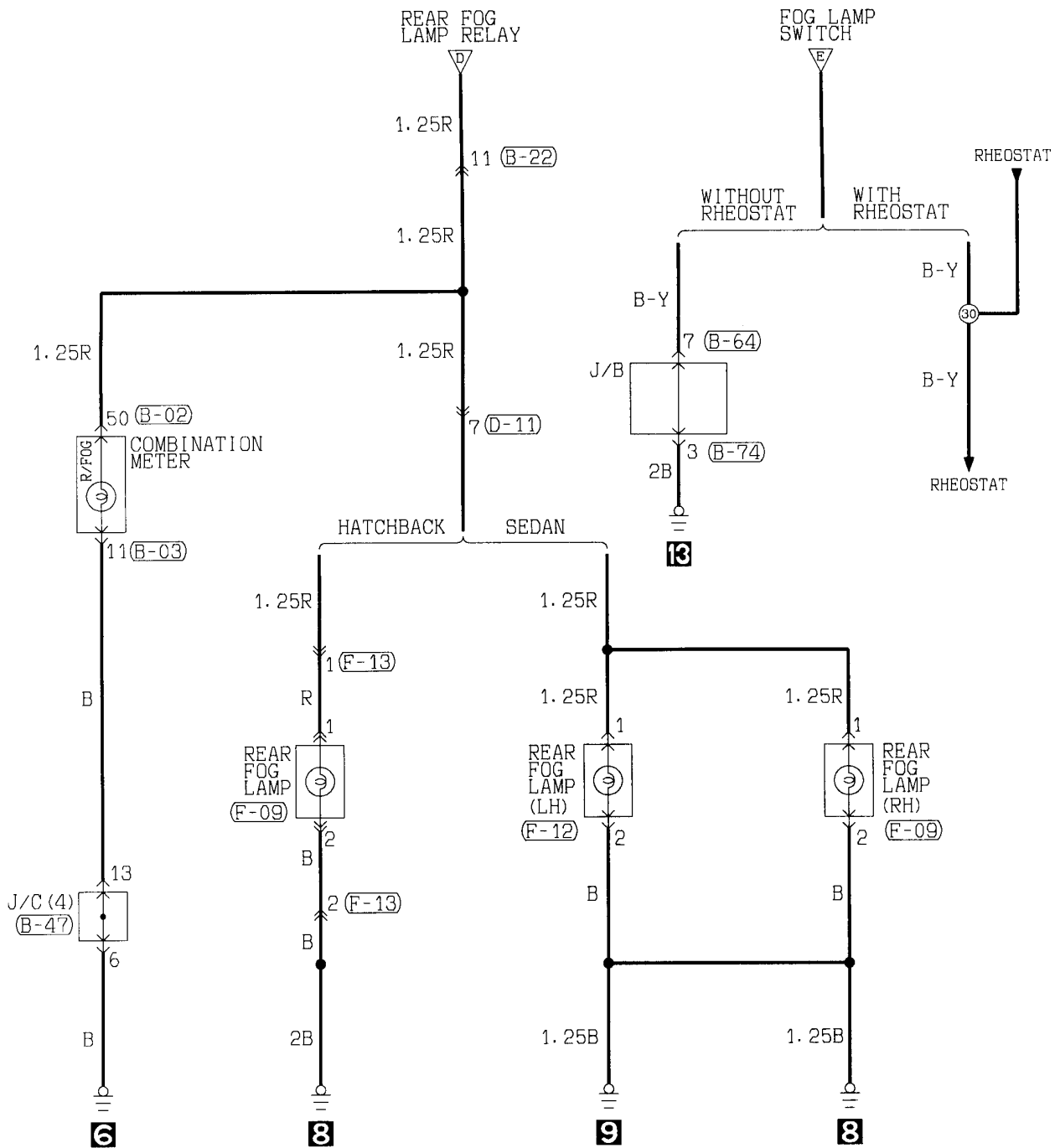
REAR FOG LAMP

R.H. drive vehicles





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



(B-02)	(B-03)	(B-22)	(B-47)	(B-64)	(B-74)
3 1 3 2 3 3 3 4 3 5 3 6 3 7 3 8 3 9 4 0 4 1 4 2	1 1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6
4 3	13	7 8 9 10 11 12 13 14	7 8 9 10 11 12 13 14	7 8 9 10 11 12 13 14	7 8 9 10 11 12 13
4 4 4 5 4 6 4 7 4 8 4 9 5 0 5 1 5 2 5 3 5 4 5 5	1 4 1 5 1 6 1 7 1 8 1 9 2 0 2 1 2 2 2 3 2 4 2 5				
(D-11)	(F-09)	(F-12)	(F-13)		
1 2 3 4 5 6 7 8	(HATCHBACK) (SEDAN)	1 2	1 2 3		
9 10 11 12 13 14 15 16 17 18	(1 2)	(1 2)			

REAR FOG LAMP (See P. 4-84, 88, 92.)**OPERATION**

Rear fog lamp lighting requirements

<Vehicles without front fog lamp>

Lighting switch	Rear fog lamp switch	Rear fog lamp
"OFF"	"ON"	-
"TAIL"	"ON"	-
"HEAD"	"ON"	On

<Vehicles with front fog lamp>

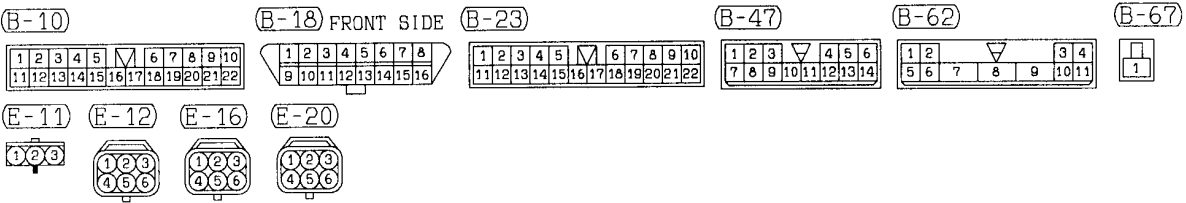
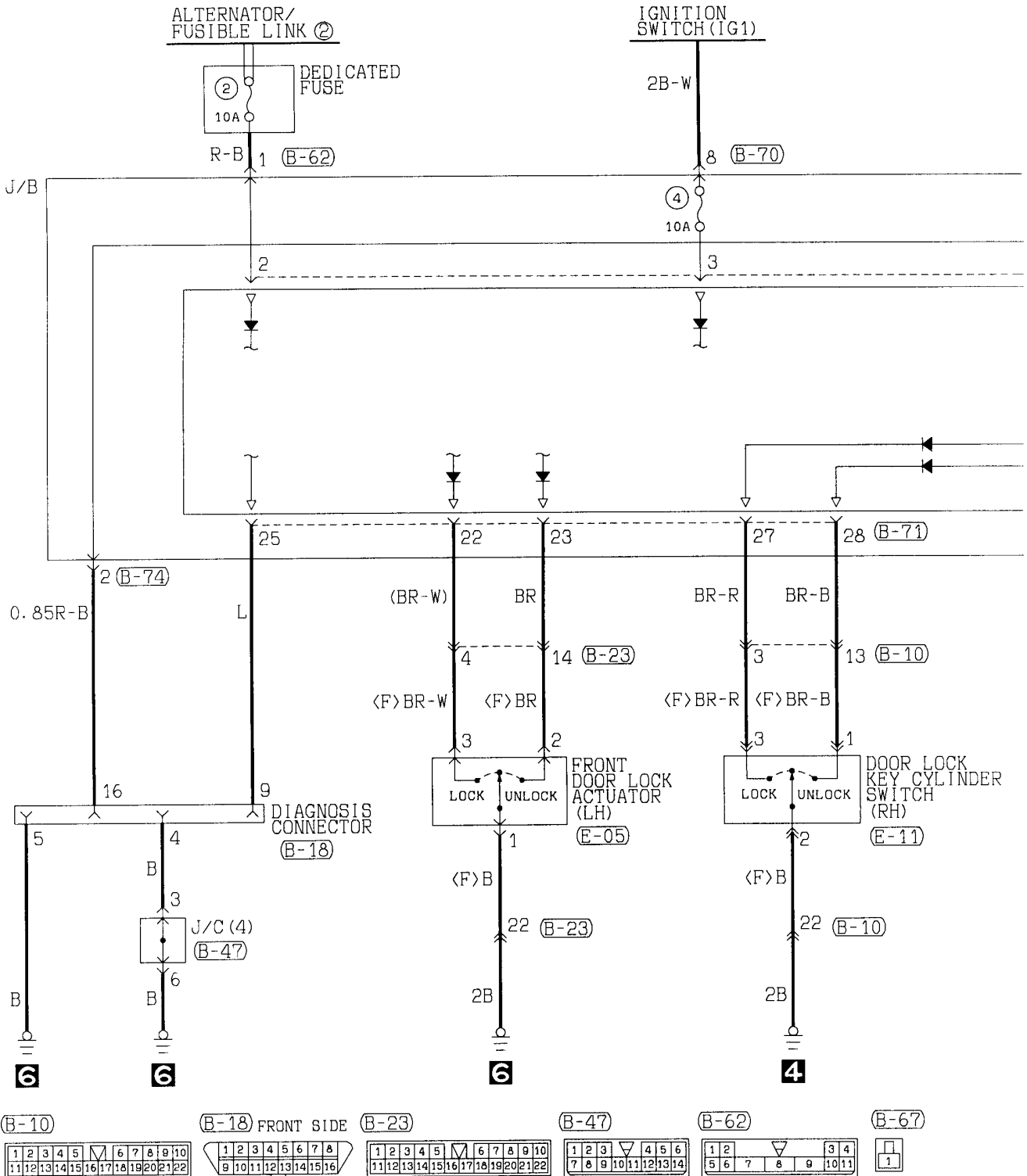
Lighting switch	Rear fog lamp switch	Front fog lamp switch	Rear fog lamp
"OFF"	"ON"	"OFF"	-
		"ON"	-
"TAIL"	"ON"	"OFF"	-
		"ON"	ON
"HEAD"	"ON"	"OFF"	ON
		"ON"	ON

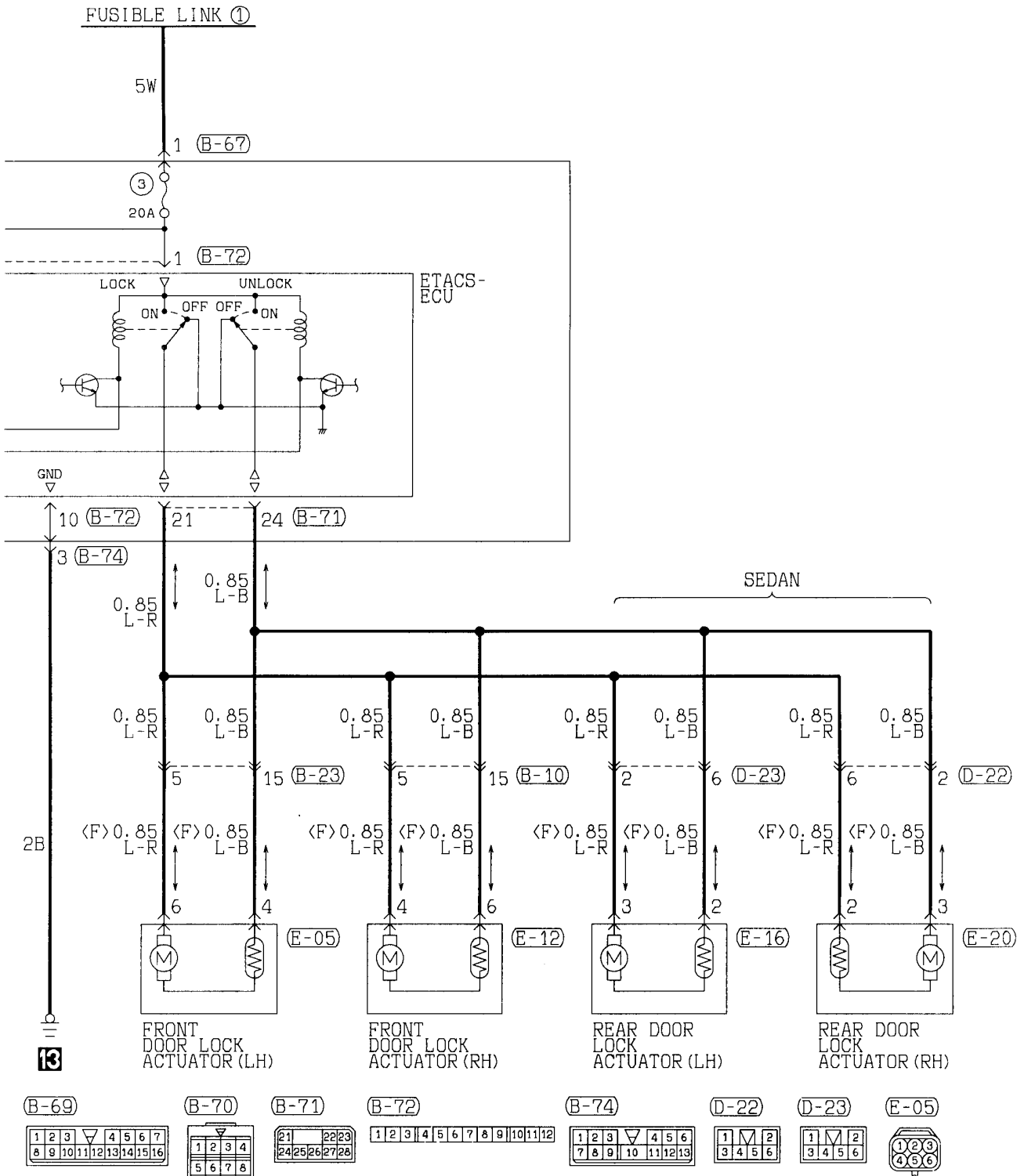
TROUBLESHOOTING HINTS

1. The rear fog lamp doesn't illuminate.
 - (1) Headlamps go on.
 - Check the rear fog lamp switch.
 - Check the dedicated fuse No. (2).
 - Check the dedicated fuse No. (9).
 - (2) Headlamps do not go on, either.
 - Check the fusible link No. (4).
2. The rear fog lamp at the one side doesn't illuminate.
 - Check the lamp bulb.

CENTRAL DOOR LOCKING SYSTEM

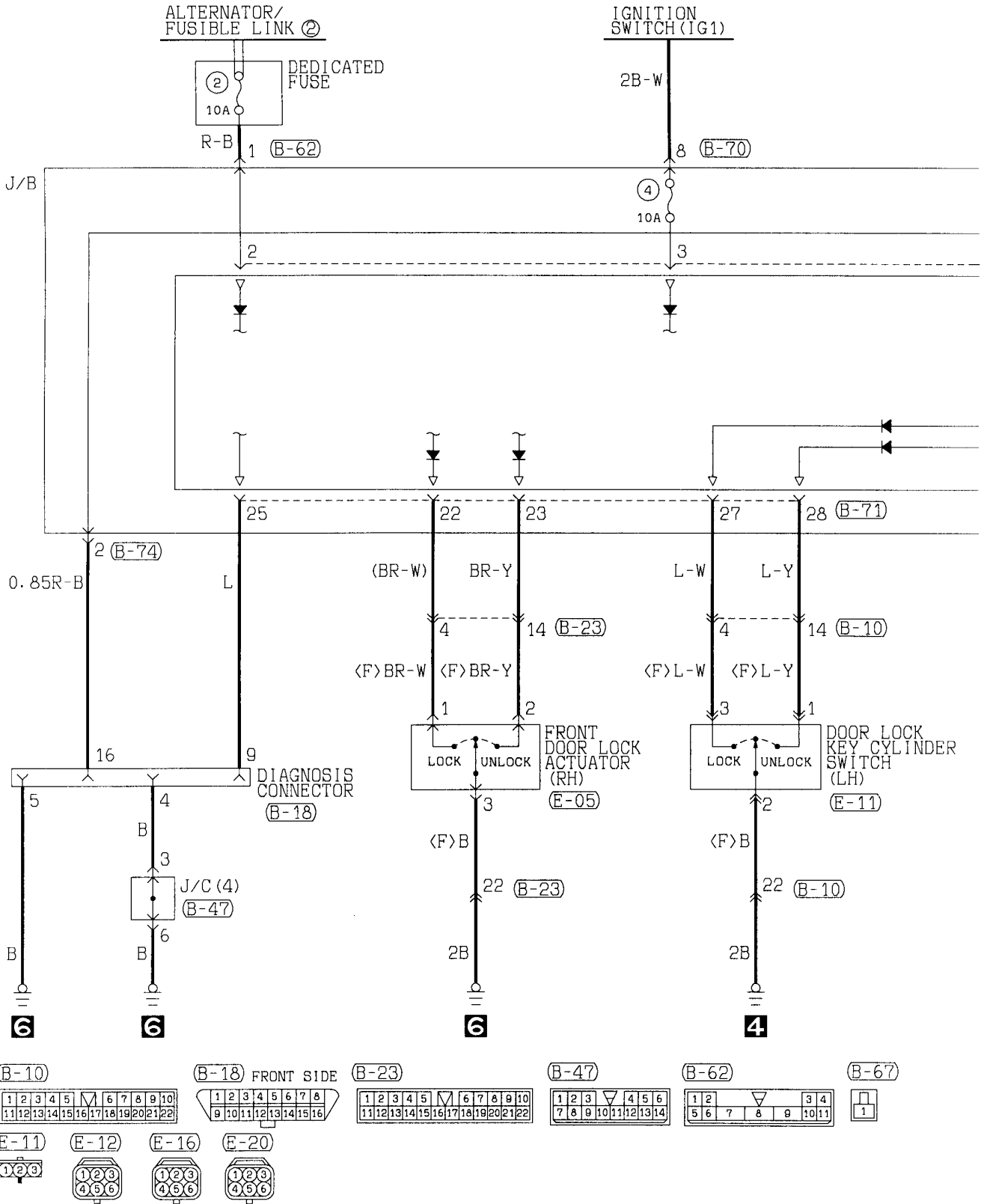
L.H. drive vehicles

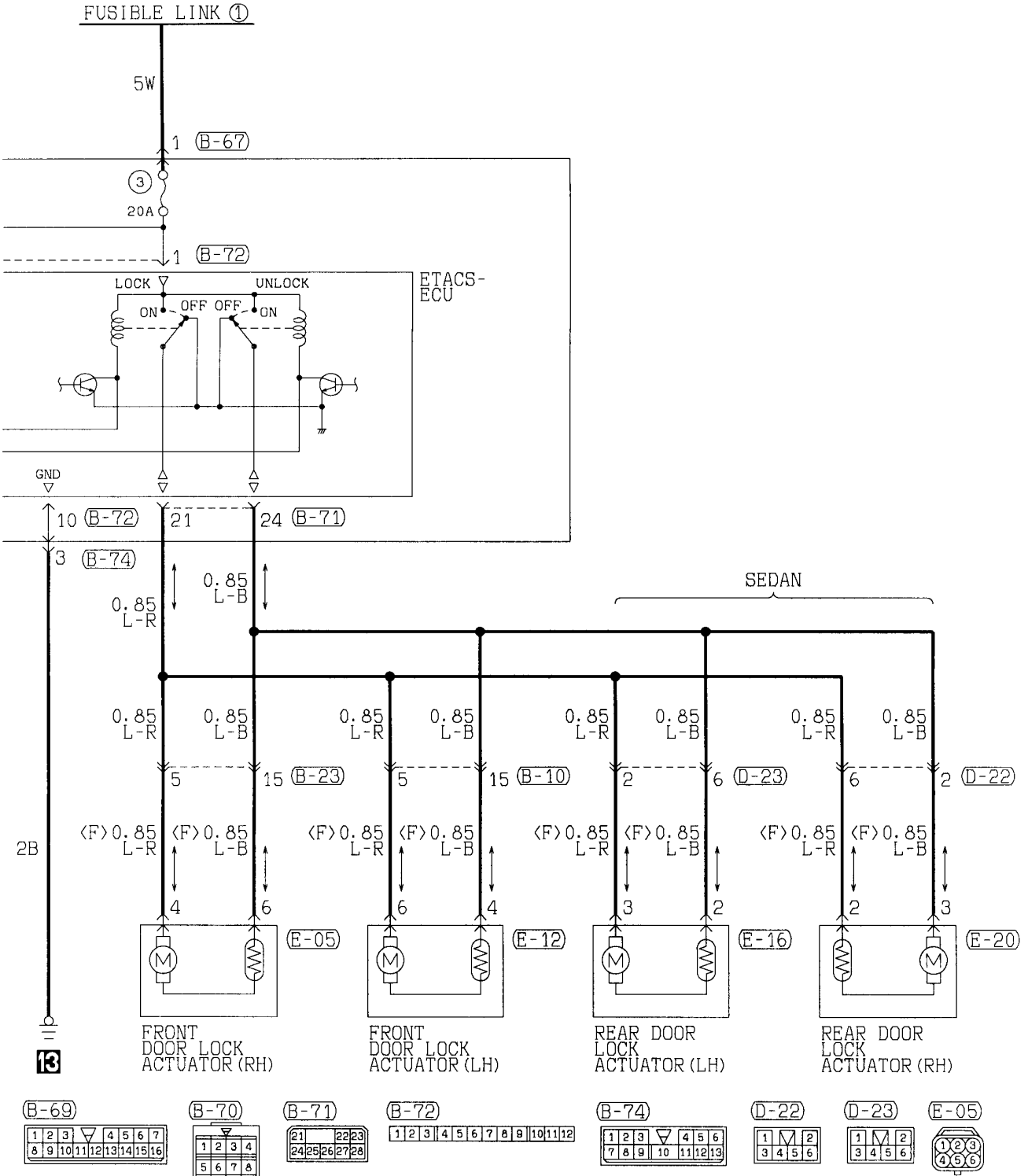




CENTRAL DOOR LOCKING SYSTEM

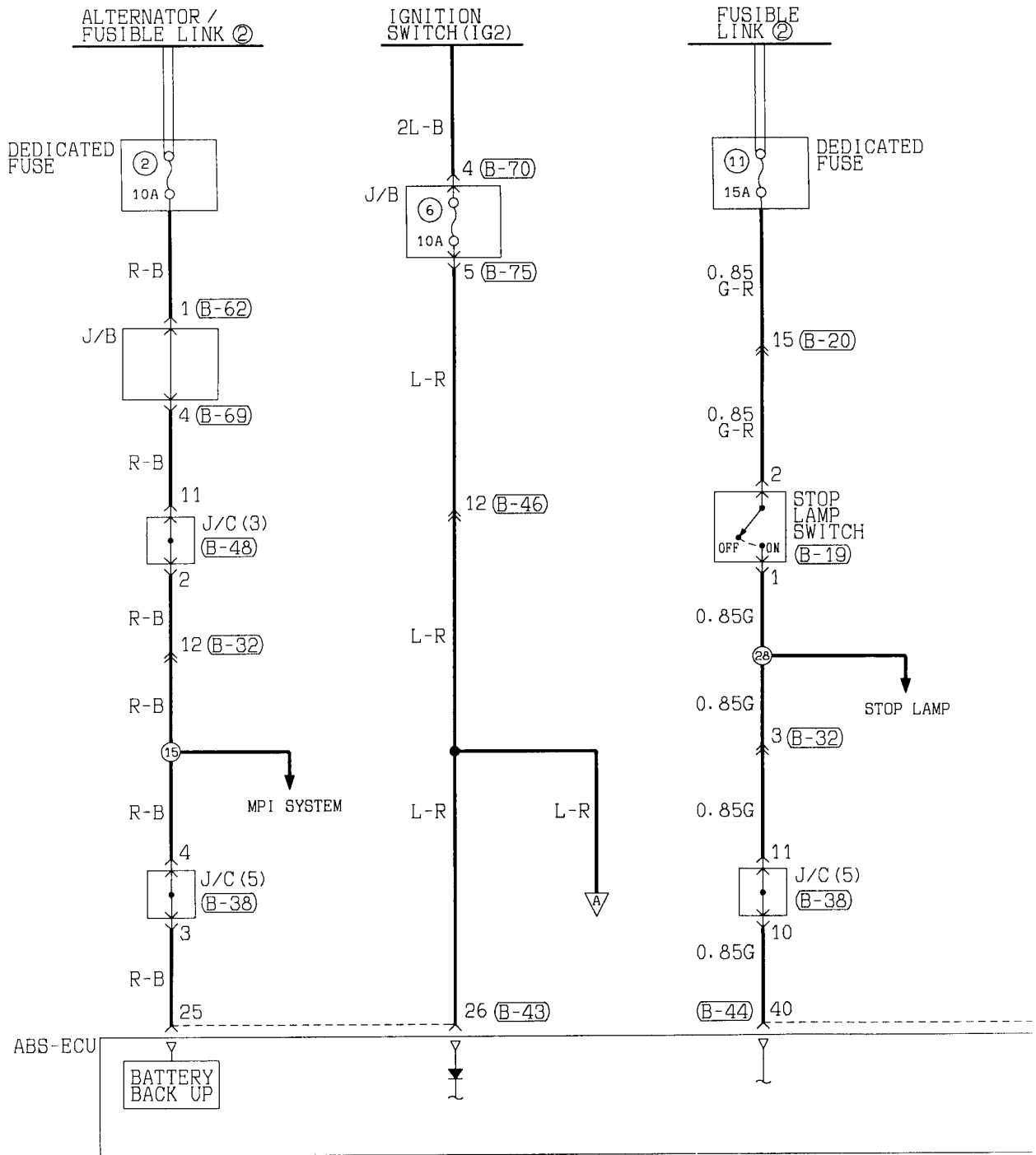
R.H. drive vehicles





ANTI-SKID BRAKING SYSTEM (ABS)

L.H. drive vehicles



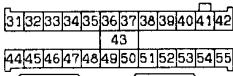
A-52



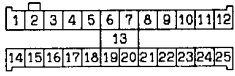
A-53



B-02



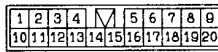
B-03



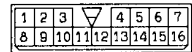
B-19



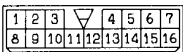
B-20



B-32



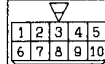
B-69

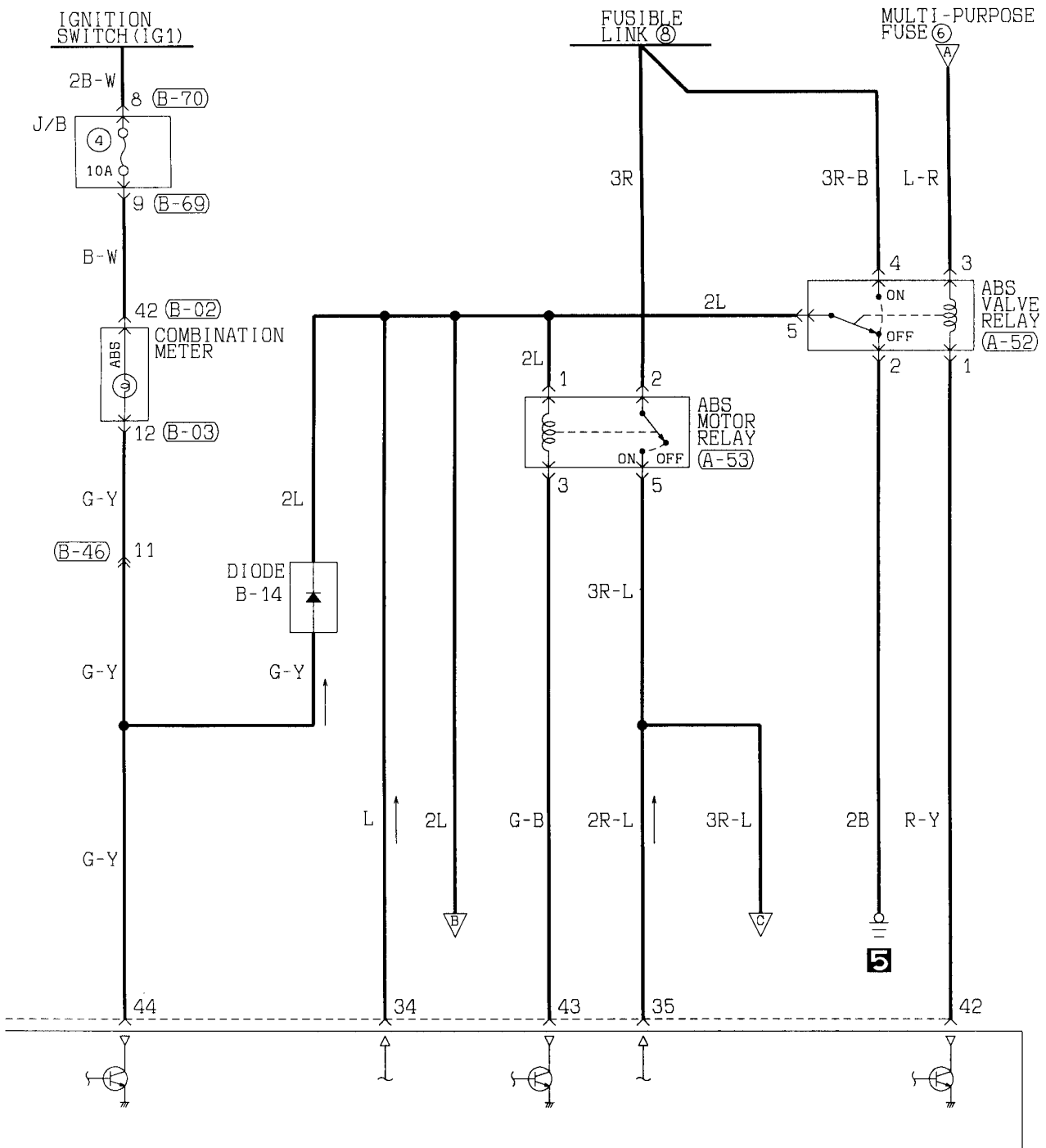


B-70



B-75





(B-38)

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

(B-43)

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-44)

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

(B-46)

1	2	3	4	5	6	7
8	9	10	11	12	13	14

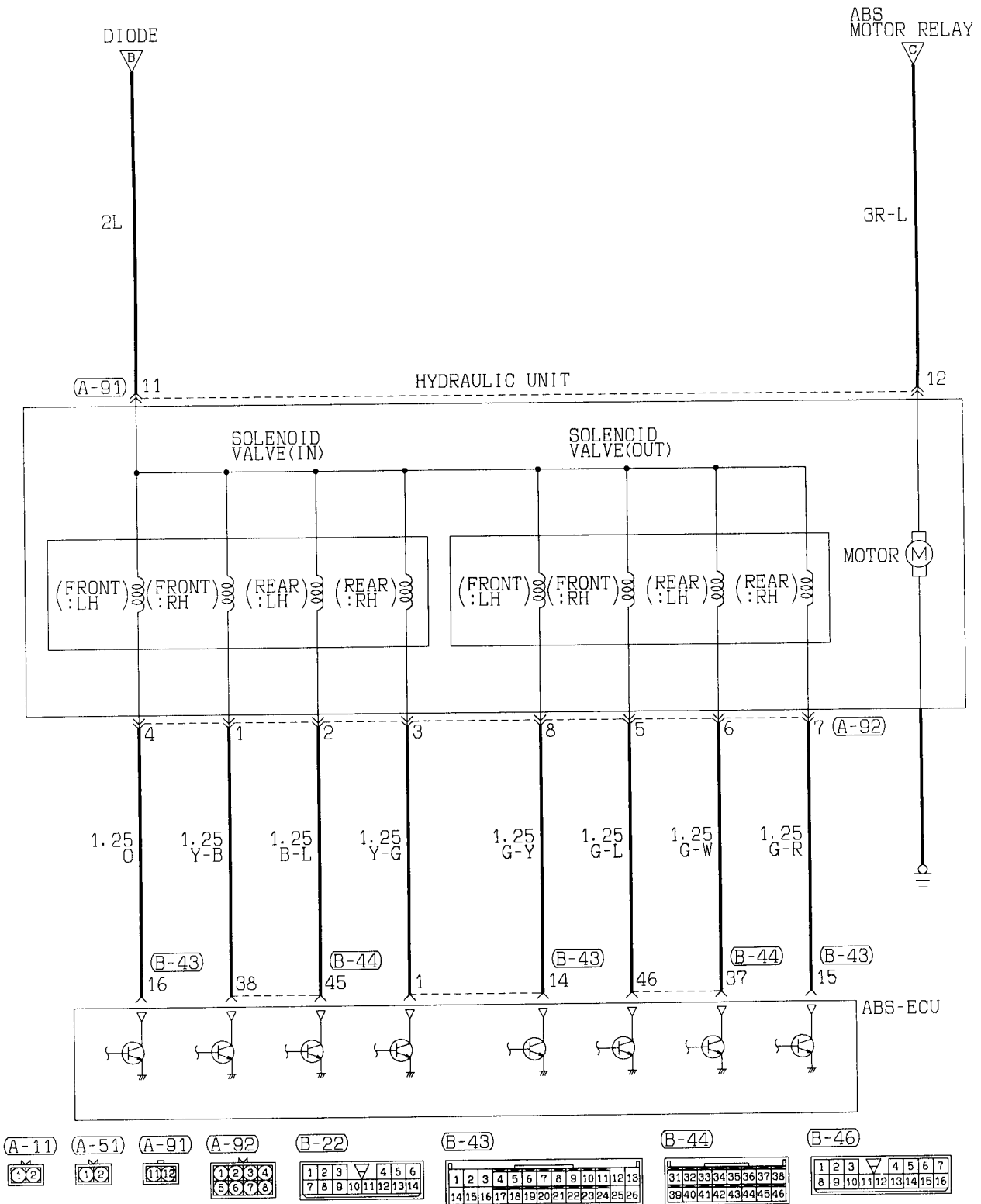
(B-48)

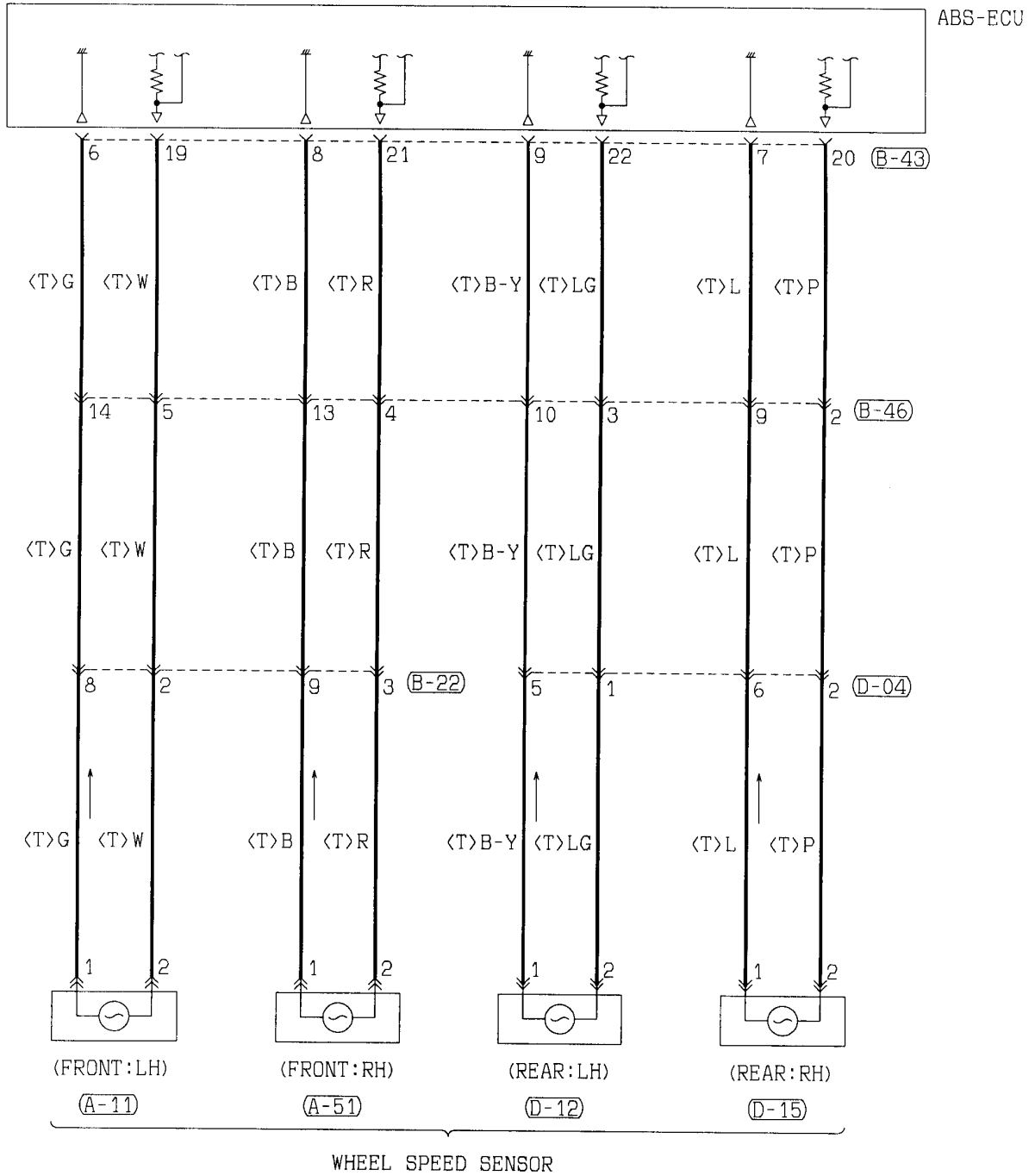
1	2	3	4	5	6
7	8	9	10	11	12

(B-62)

1	2	3	4
5	6	7	8
9	10	11	

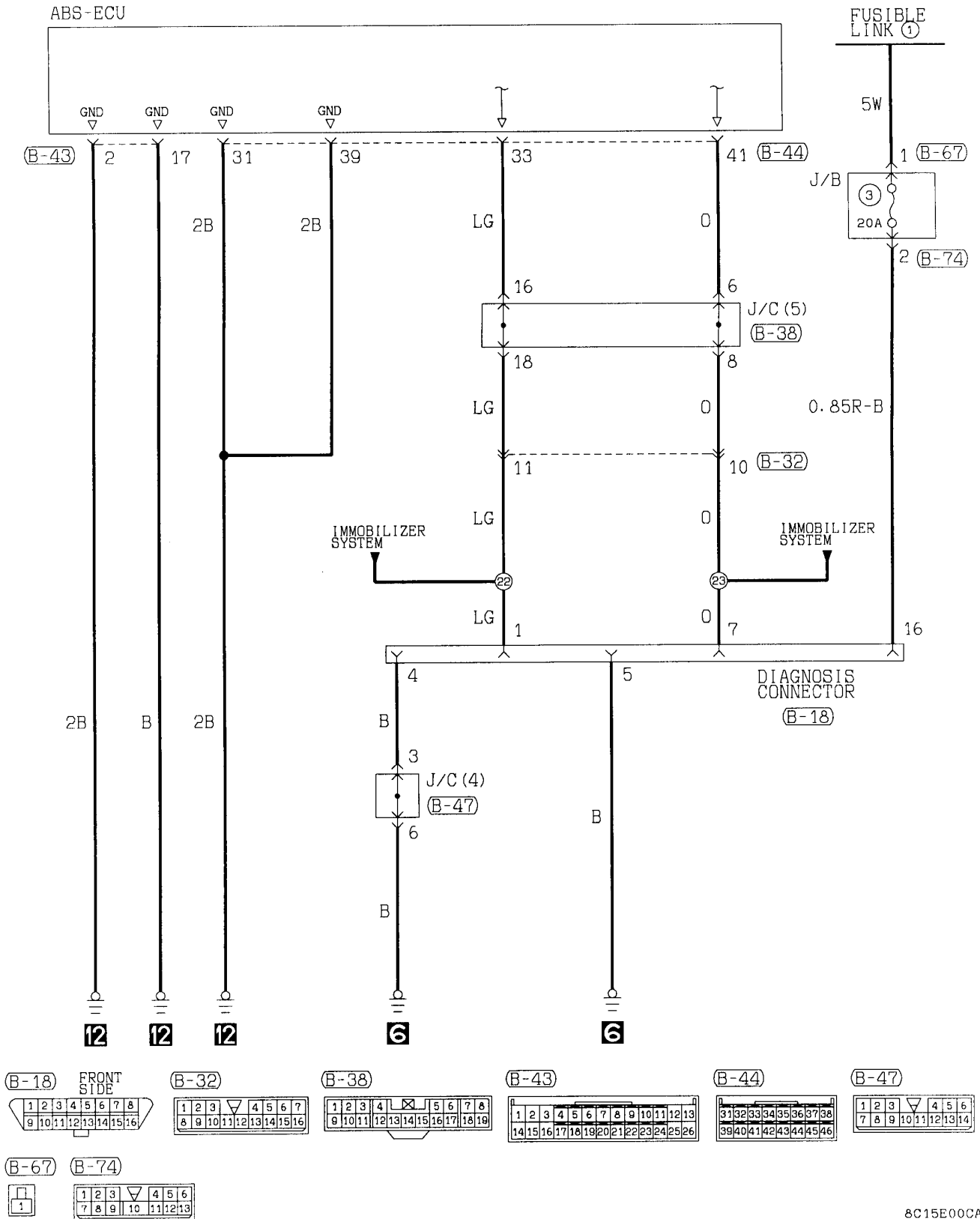
ANTI-SKID BRAKING SYSTEM
L.H. drive vehicles (CONTINUED)





(D-04) (D-15)

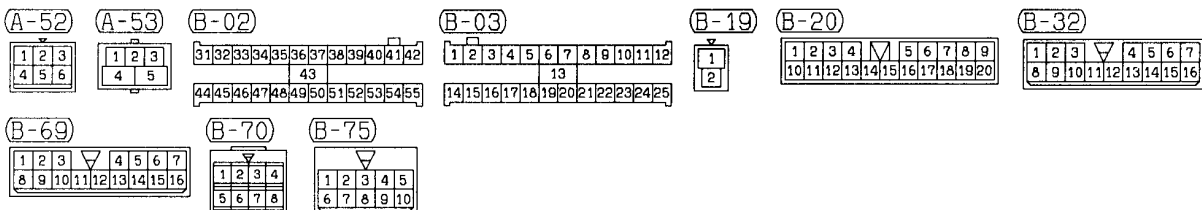
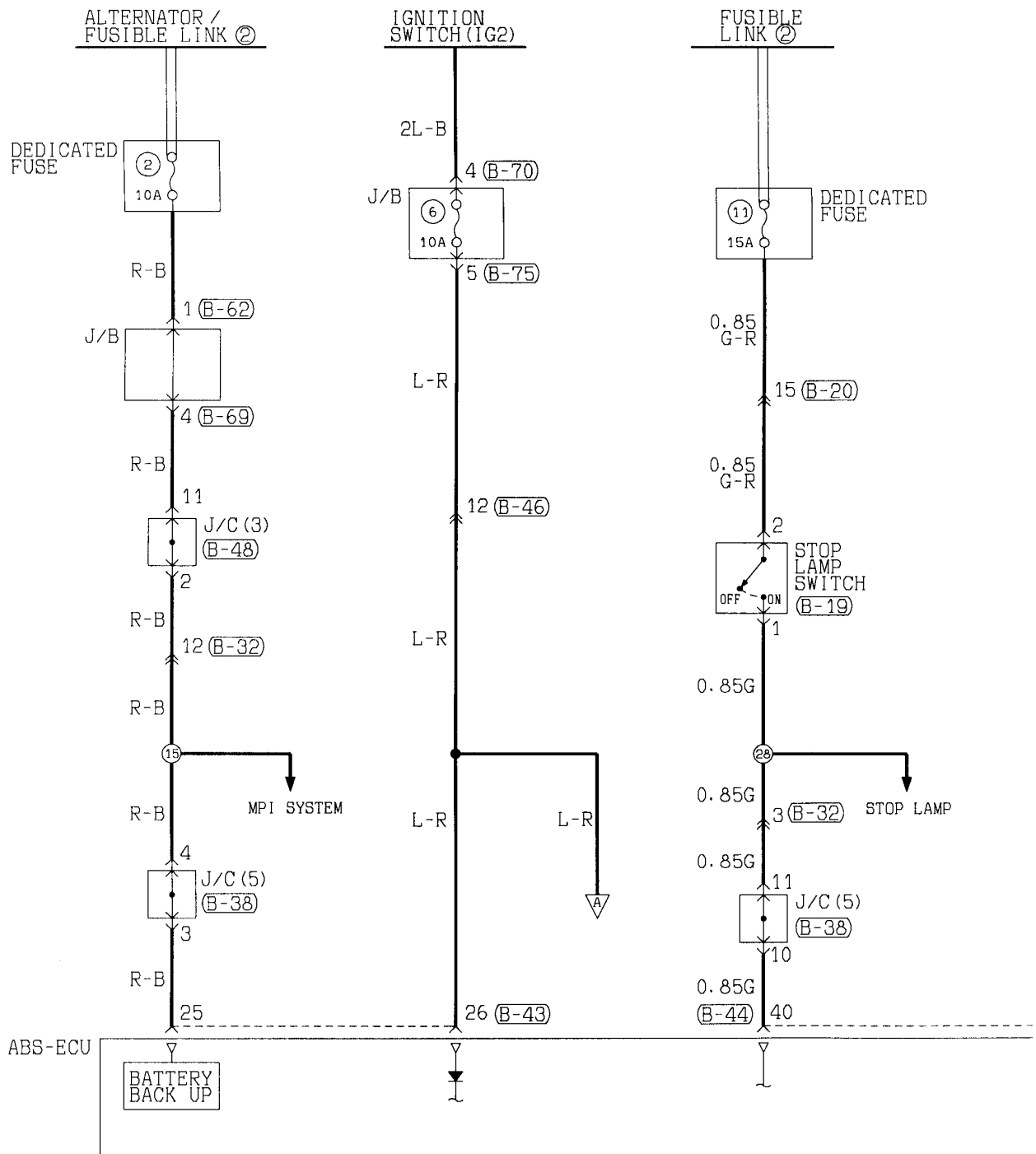
ANTI-SKID BRAKING SYSTEM
L.H. drive vehicles (CONTINUED)

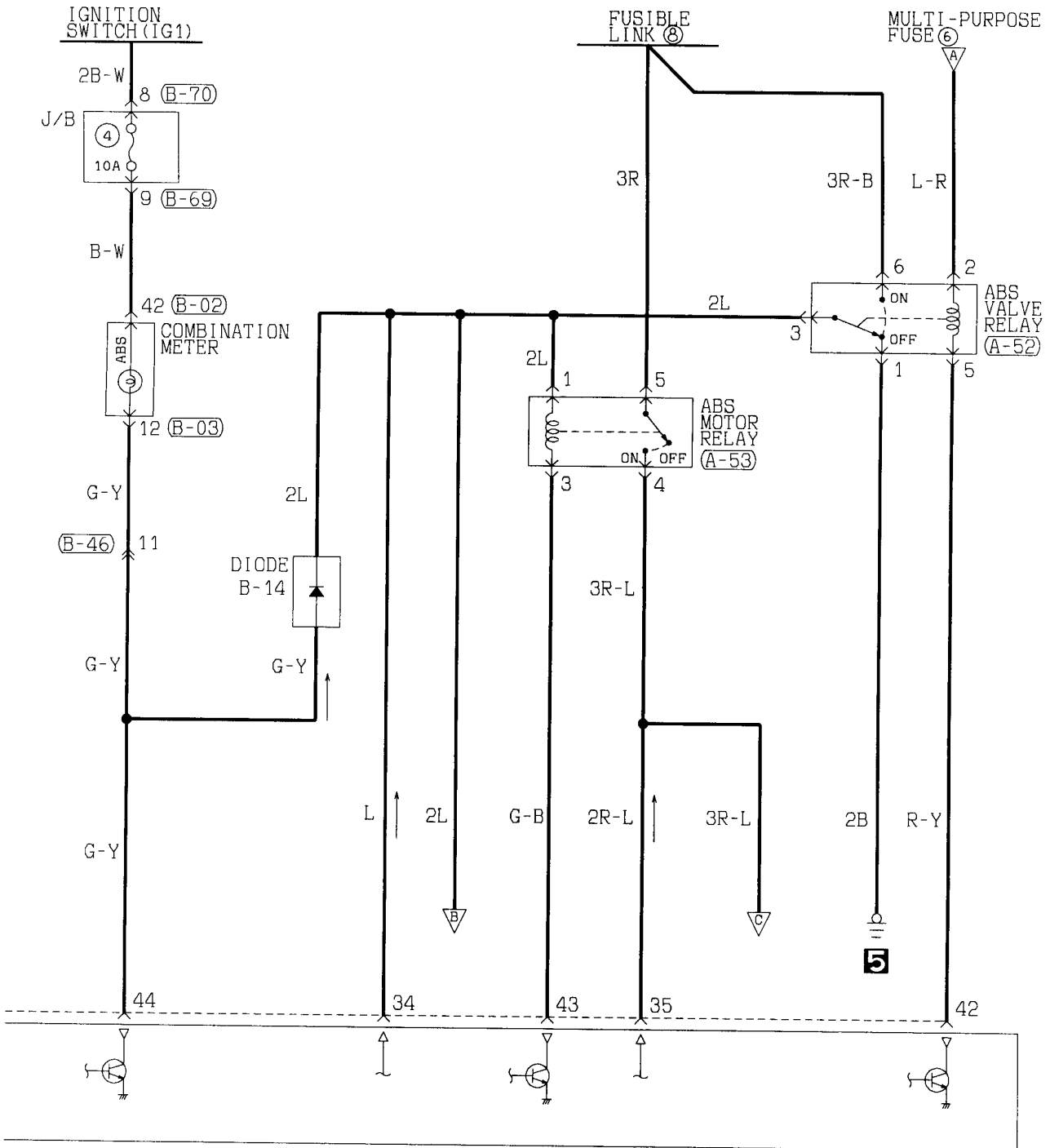


NOTES

ANTI-SKID BRAKING SYSTEM (ABS)

R.H. drive vehicles





(B-38)

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

(B-43)

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-44)

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

(B-46)

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

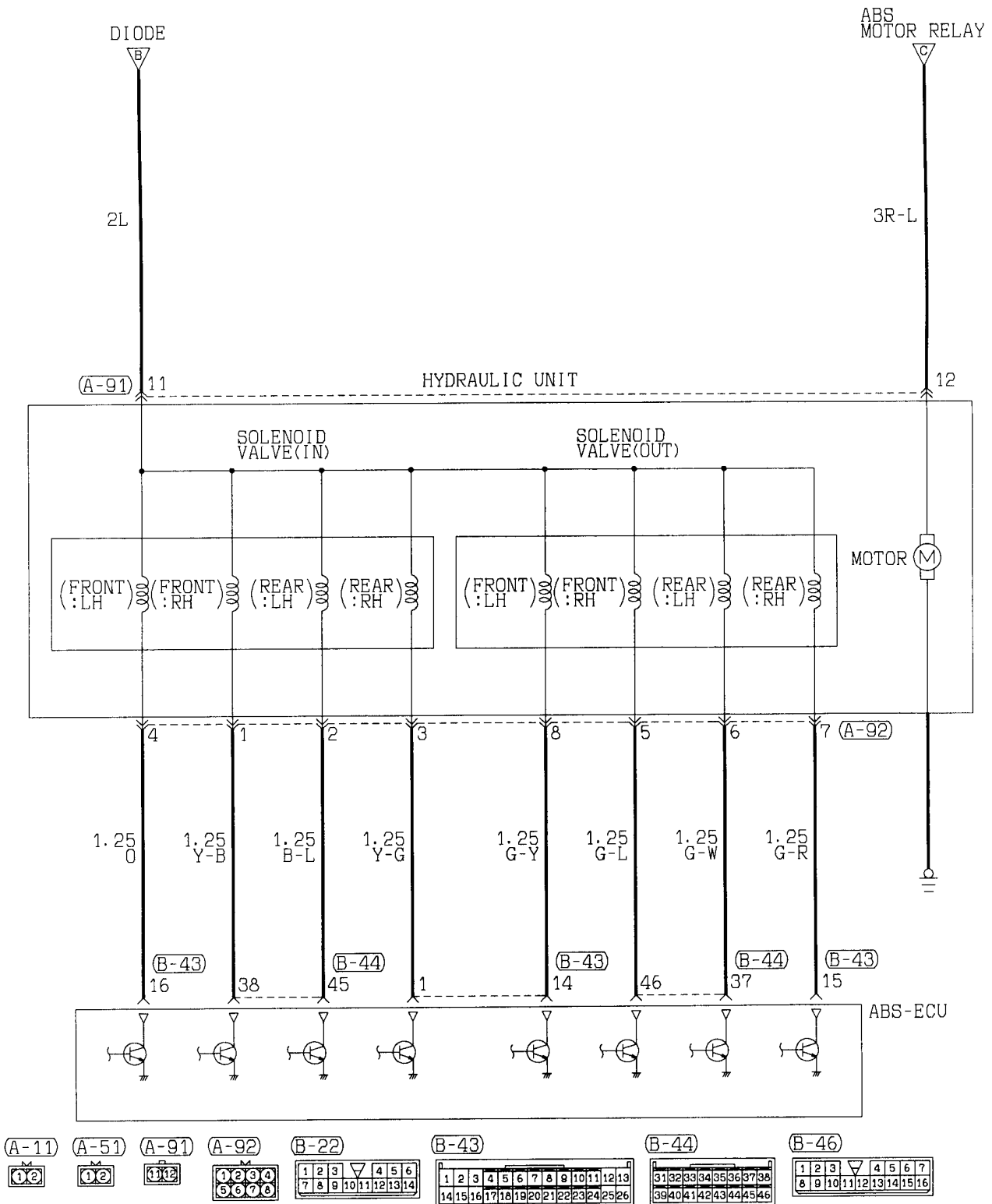
(B-48)

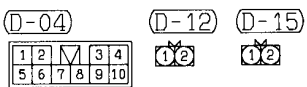
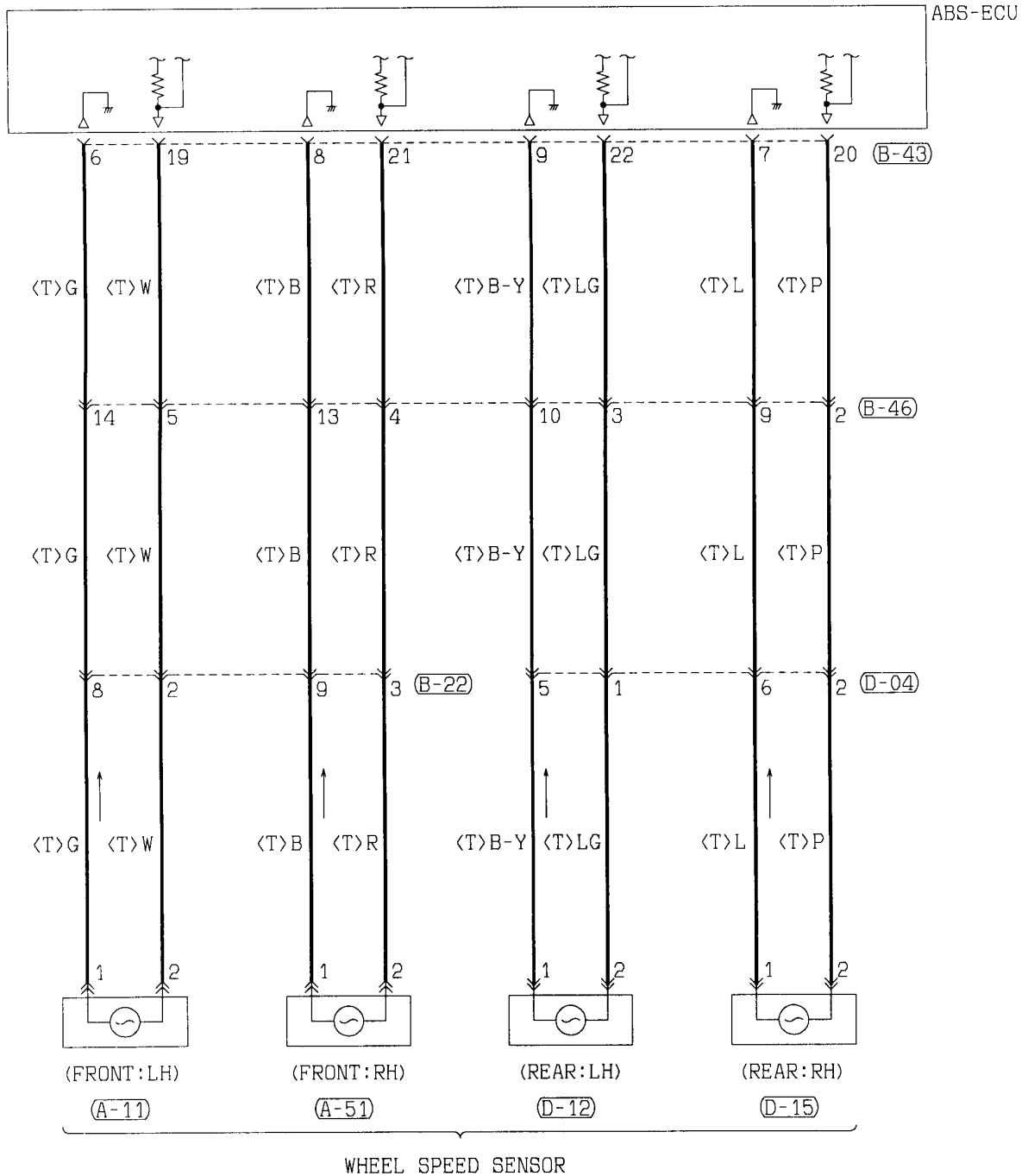
1	2	3	4	5	6
7	8	9	10	11	12
13	14				

(B-62)

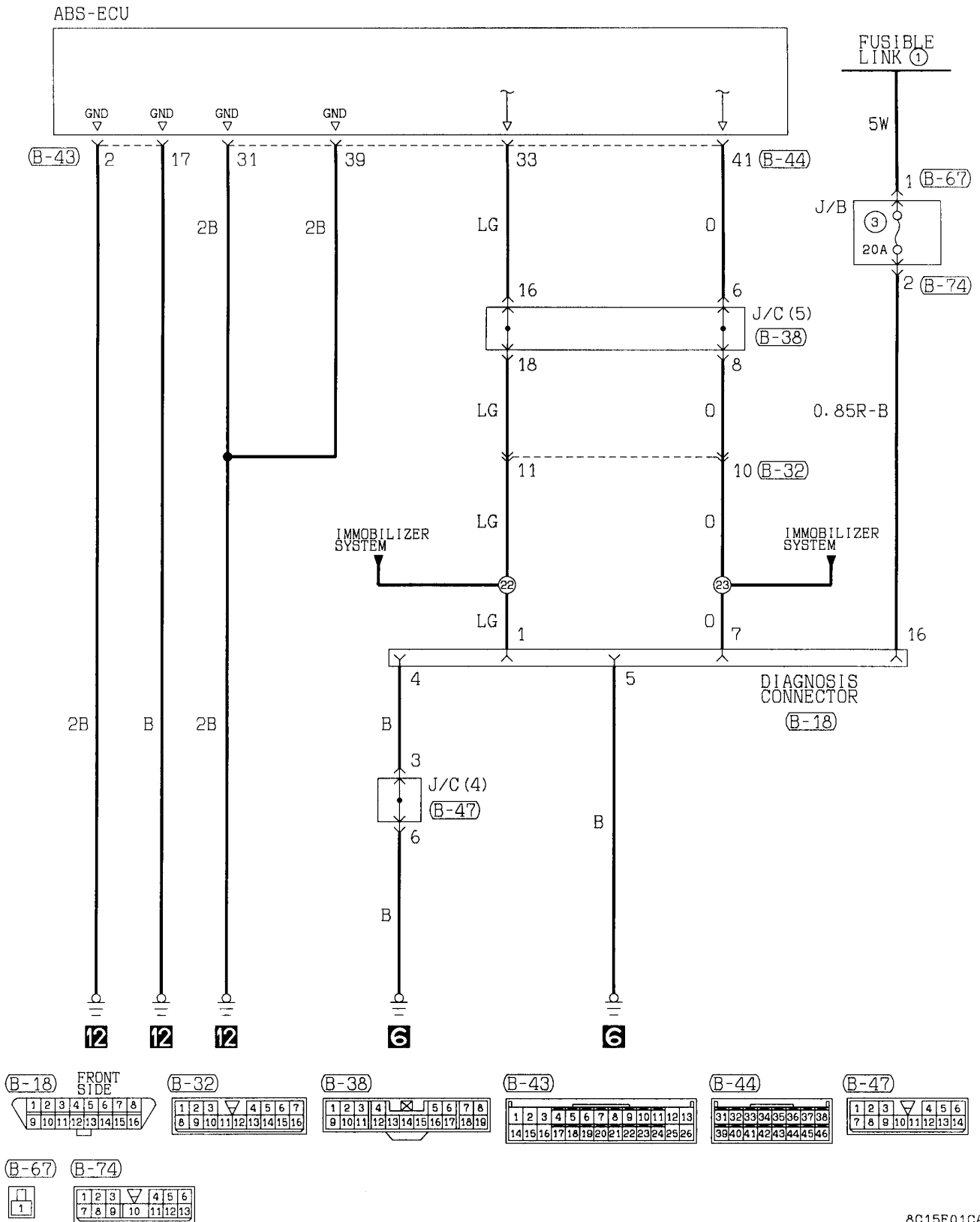
1	2			3	4
5	6	7	8	9	10
11					

ANTI-SKID BRAKING SYSTEM
R.H. drive vehicles (CONTINUED)



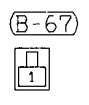
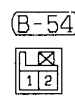
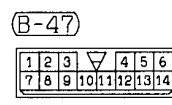
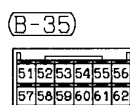
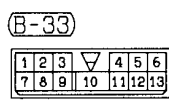
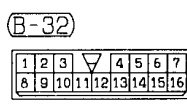
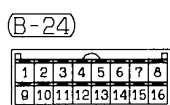
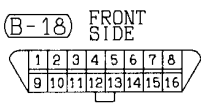
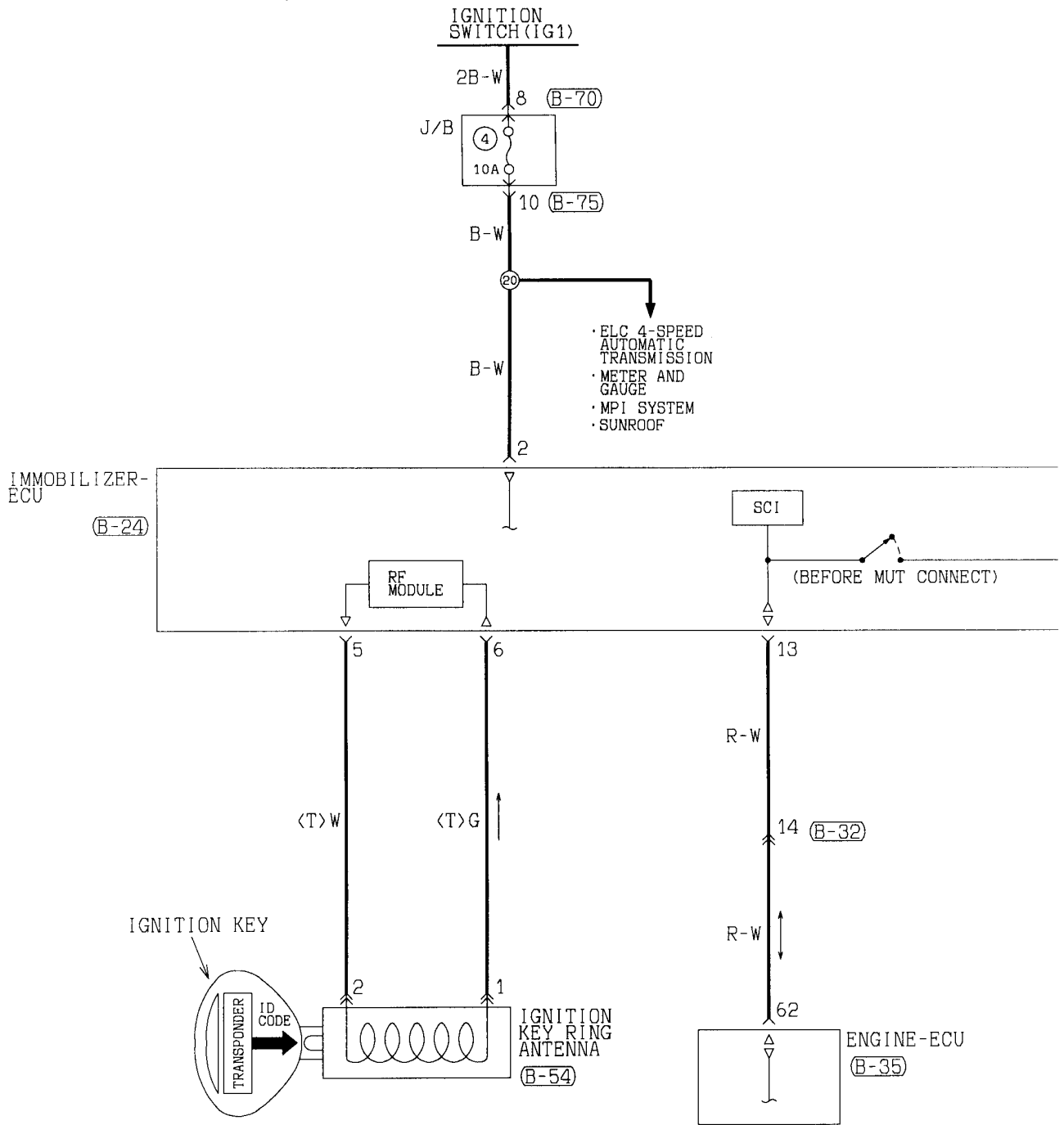


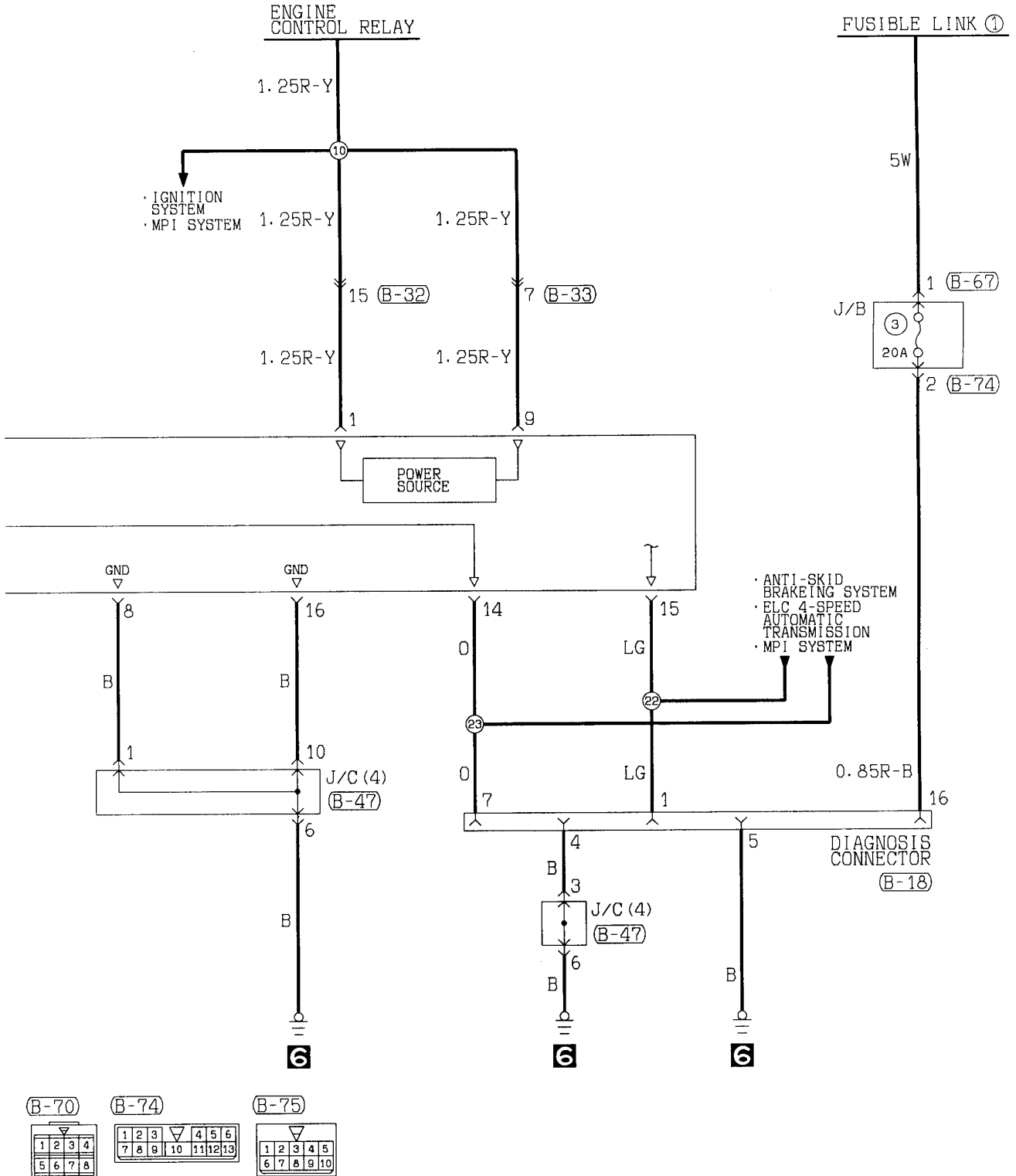
ANTI-SKID BRAKING SYSTEM
R.H. drive vehicles (CONTINUED)



NOTES

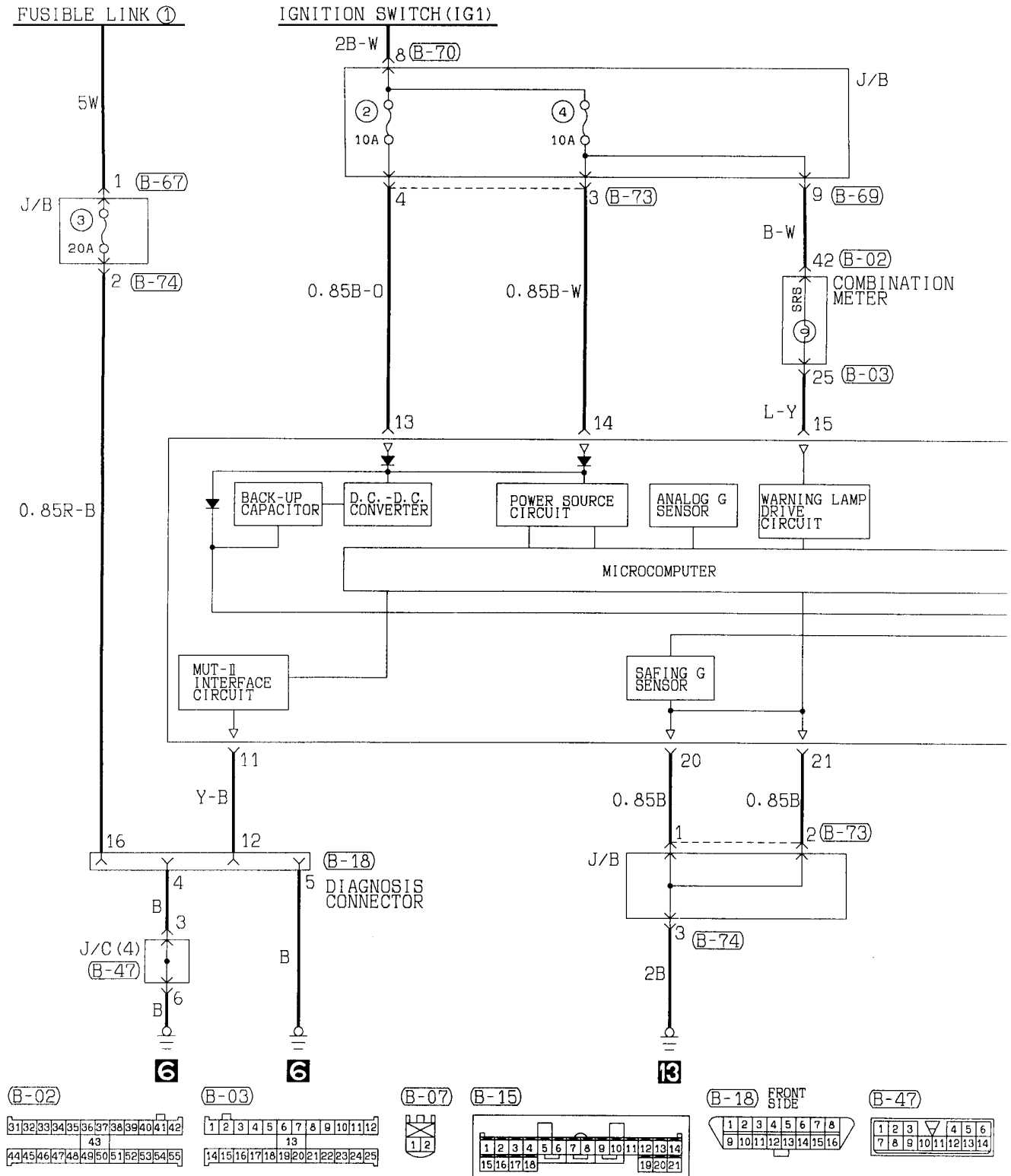
IMMOBILIZER SYSTEM

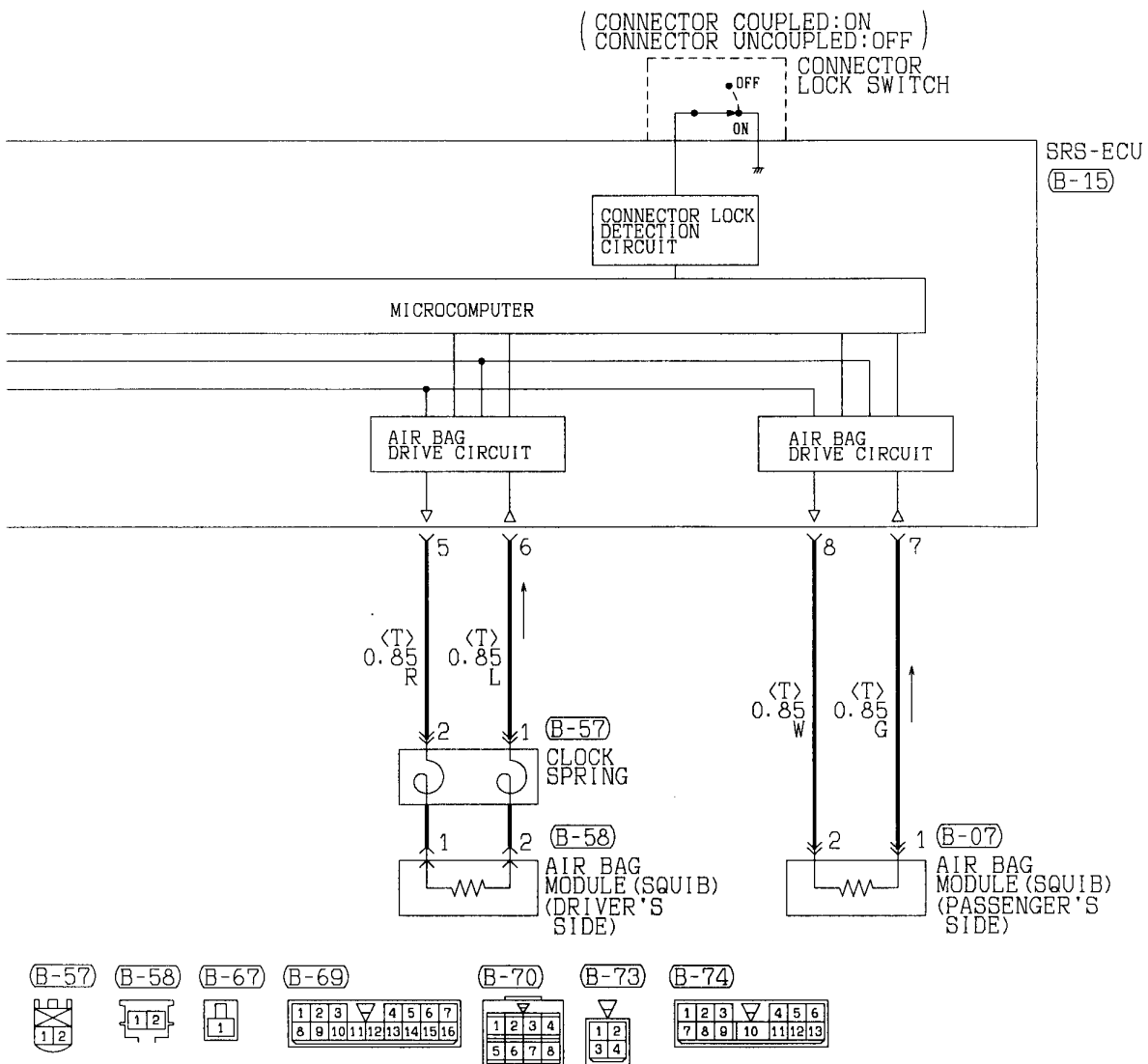




SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

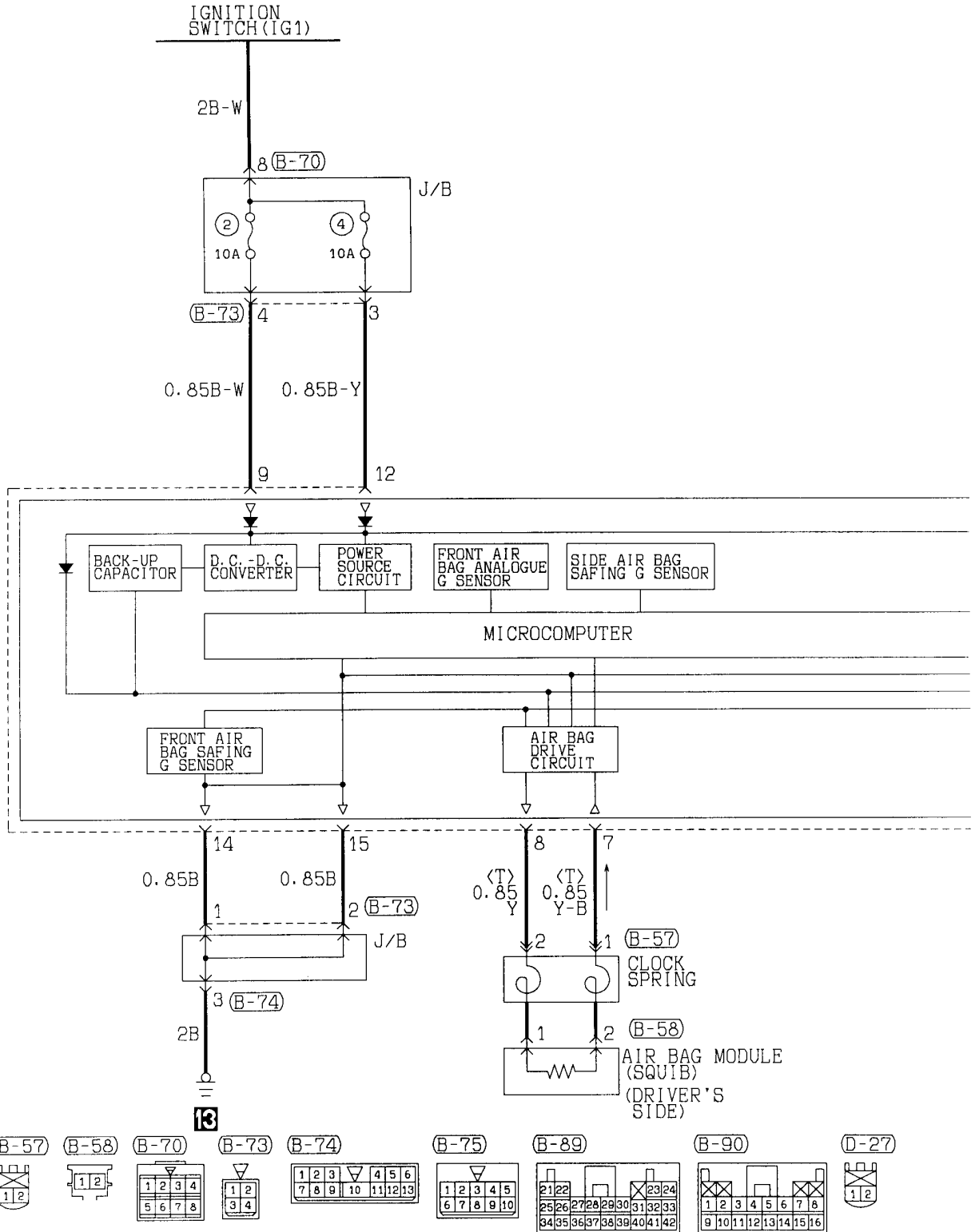
Vehicles without side air bag

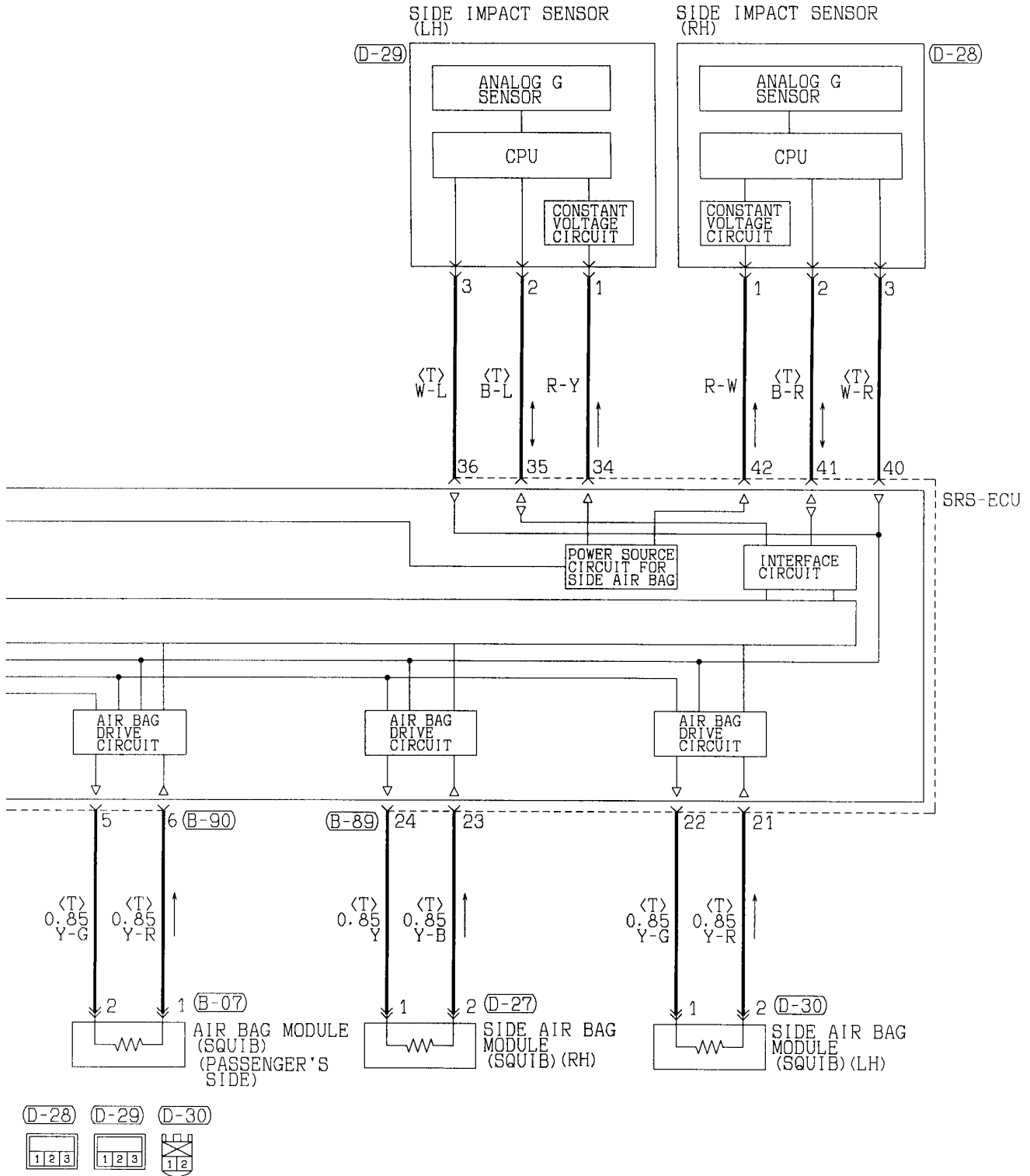




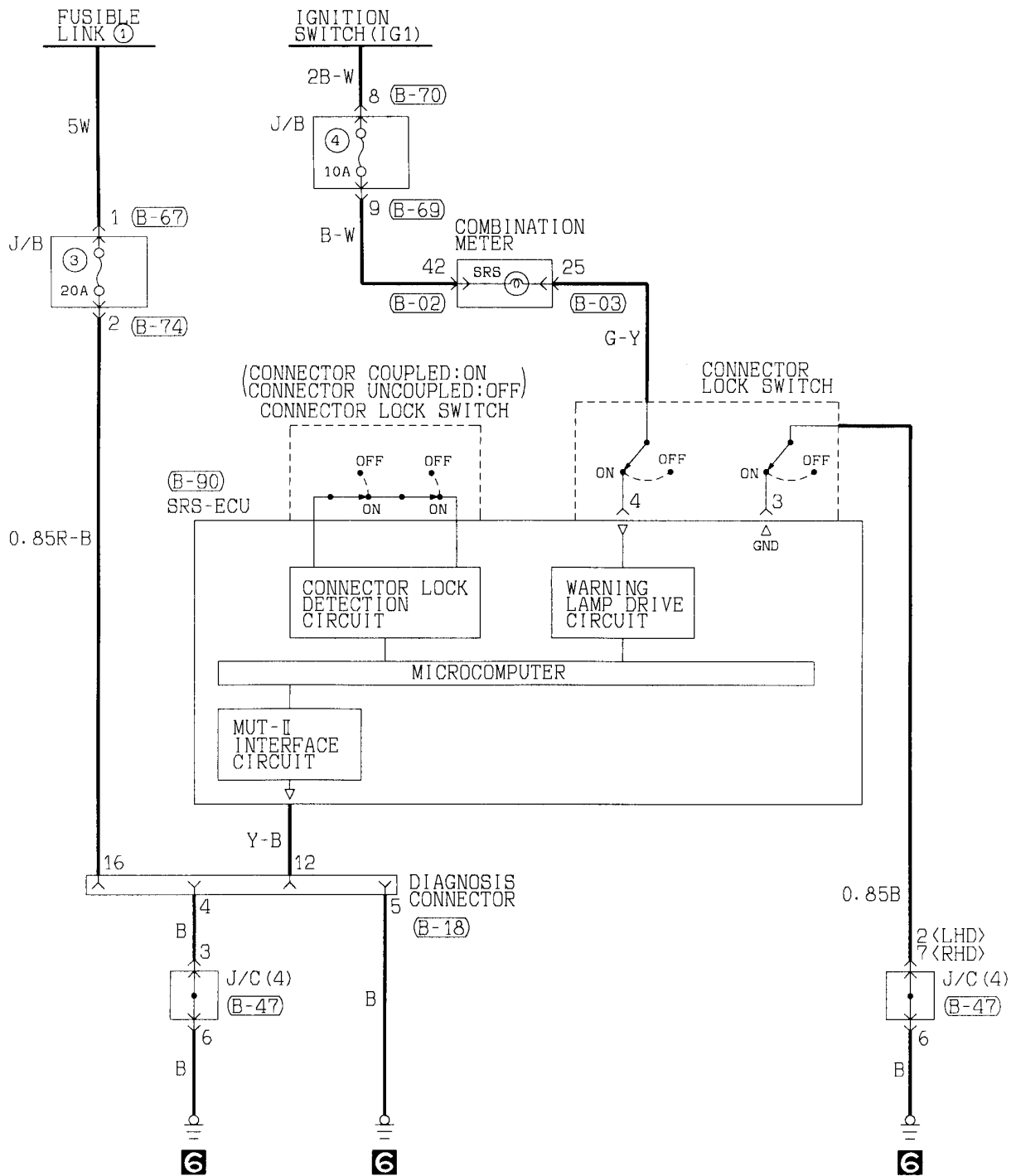
SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

Vehicles with side air bag

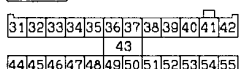




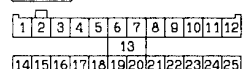
SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
Vehicles with side air bag (CONTINUED)



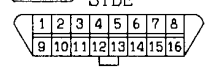
(B-02)



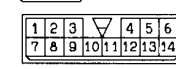
(B-03)



(B-18) FRONT SIDE



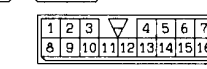
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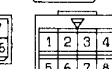
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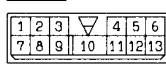
(B-69)



(B-70)



(B-74)



(B-90)

