ELECTRICAL WIRING (EVOLUTION-V)

CONTENTS

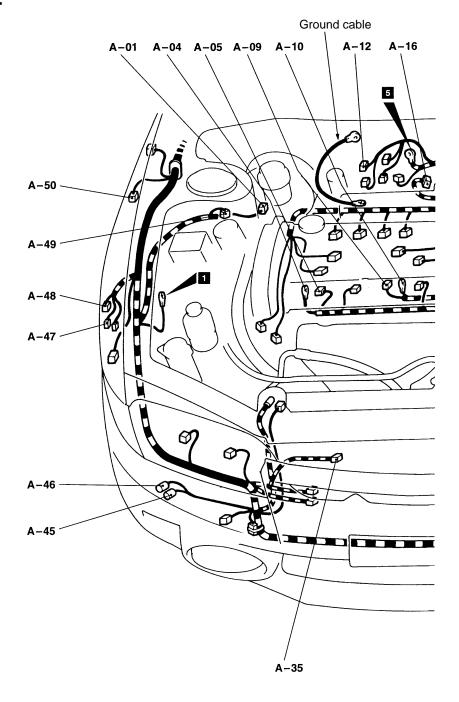
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WIRING HARNESS CONFIGURATION DIAGRAMS

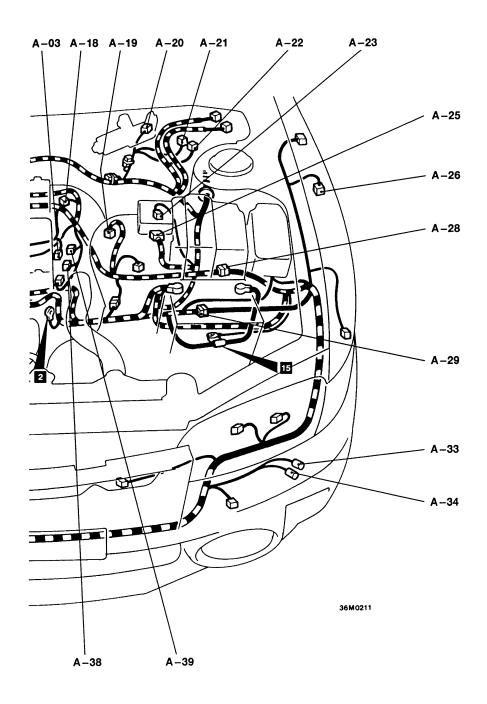
ENGINE COMPARTMENT

Connector symbol

-01 thru
-50



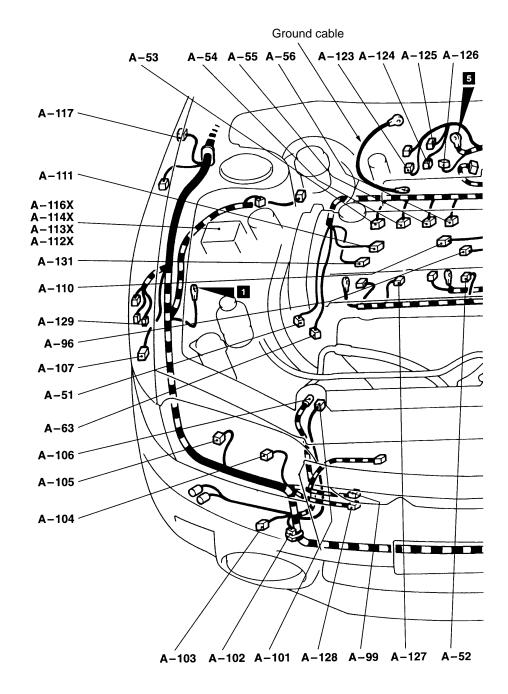
A-01 (2-B)	Brake fluid level switch	A-20 (4-B)	Windshield wiper motor
A-03 (1-B)	Noise condenser	A-21 (8-B)	Hydraulic unit <vehicles abs="" with=""></vehicles>
A-04 (1)	Alternator	A-22 (2-B)	Hydraulic unit <vehicles abs="" with=""></vehicles>
A-05 (4-GR)	Alternator	A-23 (2-B)	Waste gate solenoid valve
A-09 (1-B)	Starter	A-25 (7-B)	Air flow sensor
A-10 (1)	Starter	A-26 (2-B)	Front speed sensor (LH) <vehicles td="" with<=""></vehicles>
A-12 (2-B)	Fuel pressure solenoid valve		ABS>
A-16 (4-B)	Throttle position sensor	A-28 (8-B)	Control harness and front harness
A-18 (6-B)	Idle speed control servo		combination
A-19 (3-B)	Vehicle speed sensor		



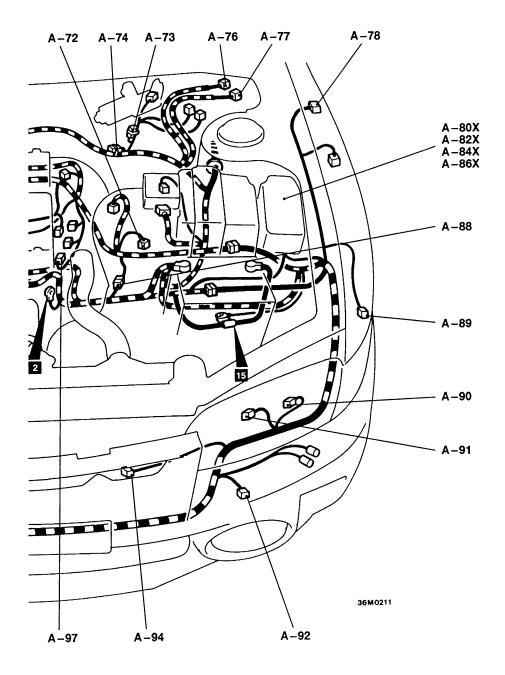
A-29 (2-B)	Front harness and battery harness	A-45 (1)	Horn (RH)
	combination	A-46 (1)	Horn (RH)
A-33 (1)	Horn (LH)	A-47 (2-G)	Rear washer motor
A-34 (1)	Horn (LH)	A-48 (2)	Windshield washer motor
A-35 (2-BR)	Outside air temperature sensor < vehicles	A-49 (2-BR)	Dual pressure switch
	with fully automatic air conditioner>	A-50 (2-B)	Front speed sensor (RH) <vehicles td="" with<=""></vehicles>
A-38 (2-B)	Engine coolant temperature sensor		ABS>
A-39 (1-B)	Engine coolant temperature gauge unit		

Connector symbol

A -51 thru -131

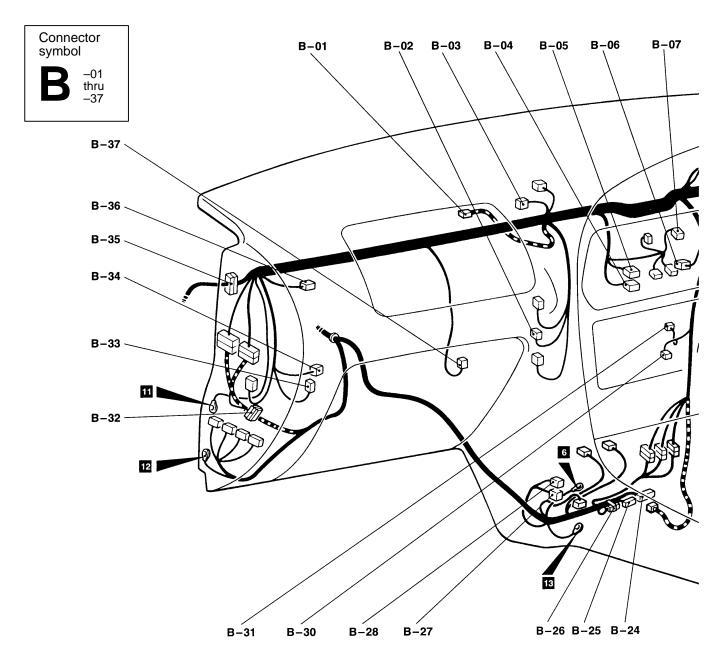


A-51 (3-B)	Crank angle sensor	A-78 (2-GR)	Side turn signal lamp (LH)
A-52 (1-B)	Oil pressure switch	A-80X (5)	Horn relay <vehicles air="" bag="" srs="" with=""></vehicles>
A-53 (2-B)	Injector (No.1)	A-82X (5)	Radiator fan relay (LO)
A-54 (2-B)	Injector (No.2)	A-84X (5)	Headlamp relay
A-55 (2-B)	Injector (No.3)	A-86X (4)	Alternator relay
A-56 (2-B)	Injector (No.4)	A-88 (6-B)	Control harness and battery harness
A-63 (4-B)	O ₂ sensor		combination
A-72 (2-B)	Back-up lamp switch	A-89 (2-BR)	Front turn signal lamp (LH)
A-73 (1-L)	Engine speed detection connector	A-90 (3-B)	Headlamp (LH)
A-74 (1-B)	Fuel pump check connector	A-91 (2)	Position lamp (LH)
A-76 (6)	Valve relay <vehicles abs="" with=""></vehicles>	A-92 (2-B)	Fog lamp (LH)
A-77 (5)	Motor relay <vehicles abs="" with=""></vehicles>		

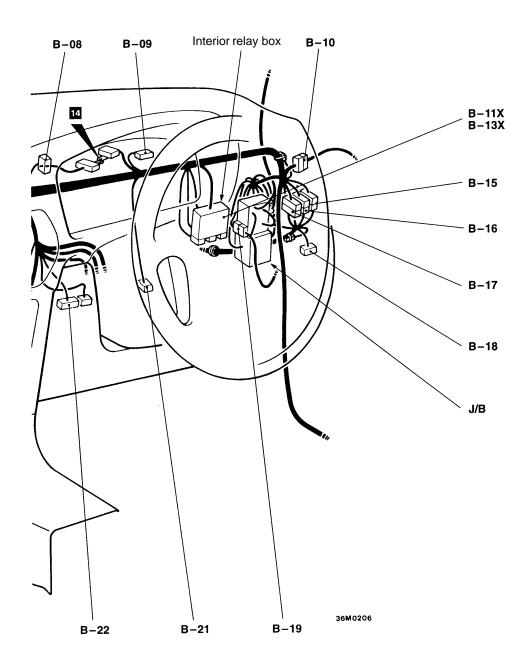


A-94 (4-GR) A-96 (2-GR) A-97 (3-B) A-99 (2-B) A-101 (1) A-102 (1) A-103 (2-B) A-104 (2) A-105 (3-B) A-106 (1-B) A-107 (2-BR) A-110 (3-GR)	Radiator fan motor Knock sensor Camshaft position sensor Condenser fan motor Power steering oil pressure switch Spare connector for fog lamp Fog lamp (RH) Position lamp (RH) Headlamp (RH) A/C compressor assembly Front turn signal lamp (RH) Ignition coil 1	A-112X (4) A-113X (4) A-114X (4) A-116X (4) A-117 (2-GR) A-123 (5-B) A-124 (6-B) A-125 (2-B) A-126 (5-B) A-126 (5-B) A-127 (2-B) A-128 (2-GR) A-129 (2-B)	Radiator fan relay (HI) Condenser fan relay (LO) Condenser fan relay (HI) A/C compressor relay Side turn signal lamp (RH) Fuel pump relay No.2 Fuel pump resistor Resistor (for injector) AYC relay Secondary air control solenoid valve Condenser fan motor Water spray motor
A-110 (3-GR) A-111 (3-GR)	Ignition coil 1 Ignition coil 2	A-129 (2-B) A-131 (1-B)	Water spray motor Noise condenser

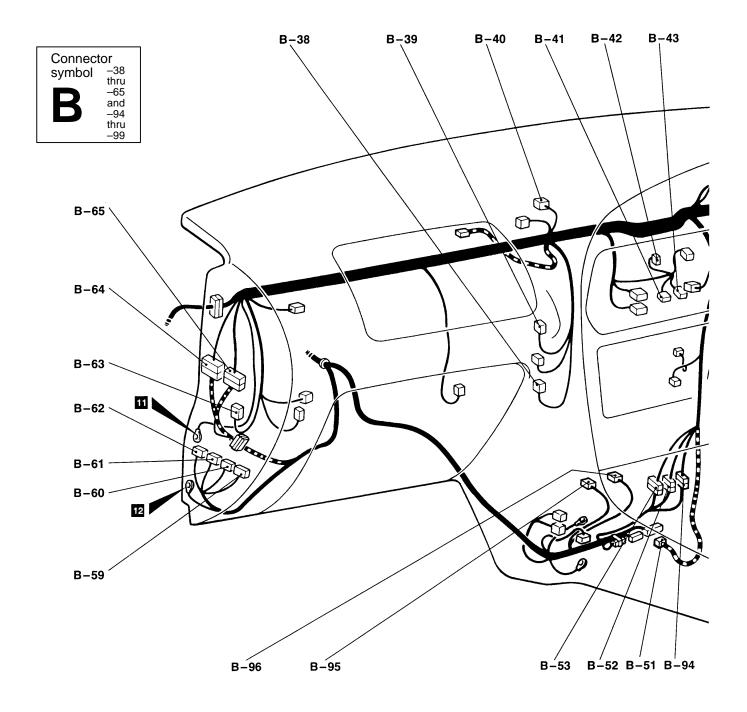
DASH PANEL



B-01 (2-R)	Passenger seat air bag module (squib)	B-09 (25)	Meter and gauge
B-02 (2)	Heater water temperature sensor <ve-< td=""><td>B-10 (22)</td><td>Body harness and front door harness</td></ve-<>	B-10 (22)	Body harness and front door harness
	hicles with fully automatic air conditioner>		(RH) combination
B-03 (2-B)	Air thermo sensor <vehicles fully<="" td="" with=""><td>B-11X (8)</td><td>Rear intermittent wiper relay</td></vehicles>	B-11X (8)	Rear intermittent wiper relay
, ,	automatic air conditioner>	B-13X (5)	Power window relay
B-04 (20-B)	A/C-ECU <vehicles automatic<="" fully="" td="" with=""><td>B-15 (20)</td><td>Front harness and body harness</td></vehicles>	B-15 (20)	Front harness and body harness
	air conditioner>		combination
B-05 (16-B)	A/C-ECU <vehicles automatic<="" fully="" td="" with=""><td>B-16 (6)</td><td>Front harness and body harness</td></vehicles>	B-16 (6)	Front harness and body harness
	air conditioner>		combination
B-06 (6)	Air outlet change-over damper motor and	B-17 (14)	Front harness and body harness
. ,	potentiometer <vehicles auto-<="" fully="" td="" with=""><td>, ,</td><td>combination <abs></abs></td></vehicles>	, ,	combination <abs></abs>
	matic air conditioner>	B-18 (19)	Jumper connector (1)
B-07 (8)	Blower switch <vehicles air<="" manual="" td="" with=""><td>B-19 (22)</td><td>Body harness and instrument panel</td></vehicles>	B-19 (22)	Body harness and instrument panel
. ,	conditioner>	, ,	harness combination
B-08 (25)	Meter and gauge		

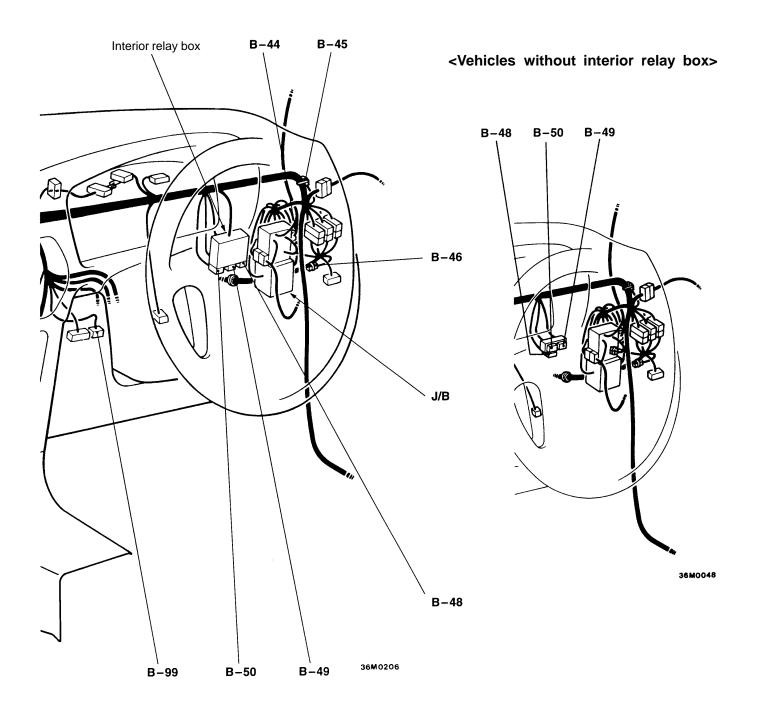


B-21 (2)	Stop lamp switch	B-34 (4)	Blower high speed relay <vehicles th="" with<=""></vehicles>
B-22 (16-B)	Diagnosis connector		fully automatic air conditioner>
B-24 (26-Y)	ABS-ECU	B-35 (22)	Body harness and front door harness
B-25 (22-Y)	ABS-ECU		(LH) combination
B-26 (2-B)	Diode (for ABS circuit)	B-36 (2)	Inside and outside air change-over
B-27 (4)	Engine control relay		damper motor <vehicles fully<="" td="" with=""></vehicles>
B-28 (4)	Fuel pump relay		automatic air conditioner>
B-30 (14)	Radio or spare connector for radio	B-37 (4)	Power transistor <vehicles fully<="" td="" with=""></vehicles>
B-31 (1)	Glass antenna amplifier		automatic air conditioner> or resistor
B-32 (19-B)	Jumper connector (5)		<vehicles air<="" heater="" manual="" or="" td="" with=""></vehicles>
B-33 (2)	Blower motor <vehicles auto-<="" fully="" td="" with=""><td></td><td>conditioner></td></vehicles>		conditioner>
	matic air conditioner>		



B-38 (2)	Sunlight sensor <vehicles air="" automatic="" conditioner="" fully="" with=""></vehicles>	B-44 (6)	Body harness and roof harness combination <vehicles sunroof="" with=""></vehicles>
B-39 (6)	Air mix damper motor and potentiometer <vehicles air="" automatic="" condi-<br="" fully="" with="">tioner></vehicles>	B-45 (2-B) B-46 (2)	Diode (for keyless entry system circuit) Spare connector for fog lamp switch <vehicles fog="" lamp="" without=""></vehicles>
B-40 (3)	Automatic compressor ECU <vehicles air="" conditioner="" manual="" with=""></vehicles>	B-48 (14) B-49 (14)	Jumper connector (2) Jumper connector (3)
B-41 (8)	A/C switch <pre></pre>	B-50 (14-L) B-51 (21-Y)	Jumper connector (4) SRS-ECU
B-42 (2)	Blower switch illumination lamp < vehicles with heater or manual air conditioner>	B-52 (16-B)	Control harness and body harness combination <vehicles abs="" with=""></vehicles>
B-43 (6-B)	Defogger switch <vehicles heater="" or<="" td="" with=""><td></td><td></td></vehicles>		

manual air conditioner>

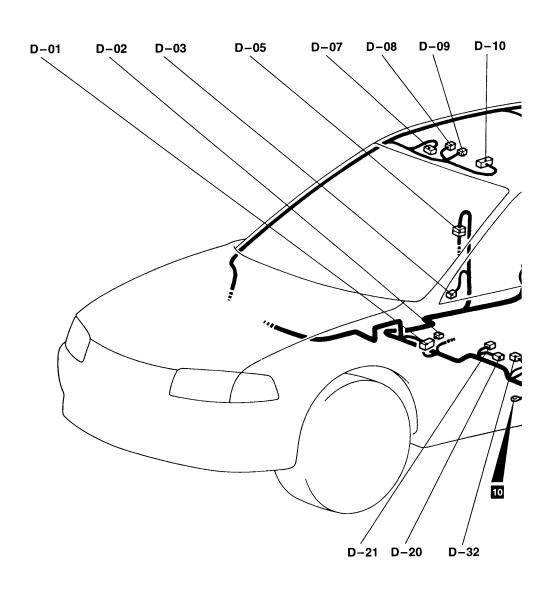


B-59 (26-Y)	Engine-ECU	B-65 (16-B)	Control harness and body harness
B-60 (16-Y)	Engine-ECU		combination
B-61 (12-Y)	Engine-ECU	B-94 (13)	Control harness and body harness
B-62 (22-Y)	Engine-ECU		combination <vehicles ayc="" with=""></vehicles>
B-63 (2)	Blower motor <vehicles heater="" or<="" td="" with=""><td>B-95 (26)</td><td>AYC-ECU</td></vehicles>	B-95 (26)	AYC-ECU
	manual air conditioner>	B-96 (16)	AYC-ECU
B-64 (13)	Control harness and body harness combination	B-99 (12)	Diagnosis connector

FLOOR, ROOF, AND SEAT

Connector symbol

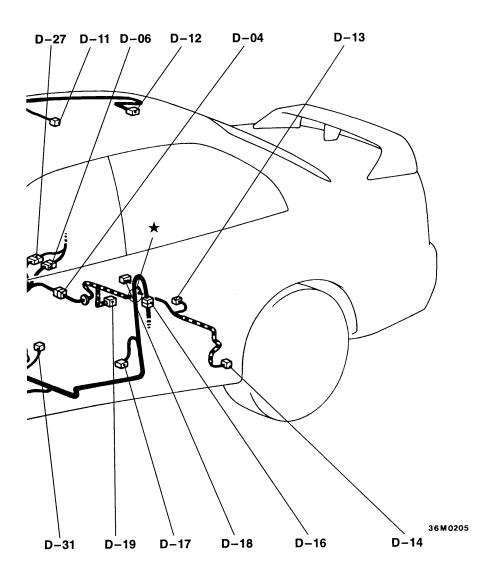




D-01 (20)	Receiver <vehicles entry="" keyless="" system="" with=""></vehicles>	D-09 (1) D-10 (18)	Map lamp Sunroof ECU
D-02 (2)	Seat belt switch	D-11 (2-GR)	Room lamp <vehicles sunroof="" without=""></vehicles>
D-03 (2)	Front door switch (RH)	D-12 (8)	Sunroof motor
D-04 (10)	Body harness and fuel harness combina-	D-13 (3-B)	Fuel gauge unit (sub)
	tion	D-14 (2-B)	Rear speed sensor (LH)
D-05 (6)	Body harness and rear door harness		<vehicles abs="" with=""></vehicles>
, ,	(RH) combination	D-16 (6)	Body harness and rear door harness (LH)
D-06 (22)	Body harness and rear harness combina-	. ,	combination
, ,	tion	D-17 (2)	Front door switch (LH)
D-07 (6)	Sunroof switch	D-18 (6)	Fuel gauge unit (main)
D-08 (8)	Room lamp <vehicles sunroof="" with=""></vehicles>		

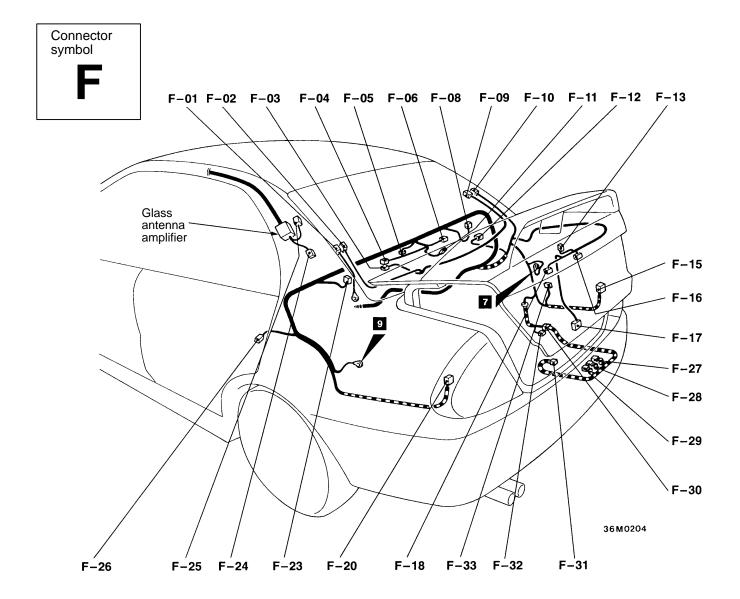
D-31 (2) D-32 (3-B) Water spray switch Acceleration sensor (lateral)

<vehicles with AYC>



D-19 (2-B)	Rear speed sensor (RH) <vehicles abs="" with=""></vehicles>
D-20 (3-B)	Acceleration sensor < vehicles with ABS>
D-21 (1-B)	Parking brake switch
D-27 (2)	Body harness and rear harness combination <vehicles ayc="" with=""></vehicles>

LUGGAGE COMPARTMENT

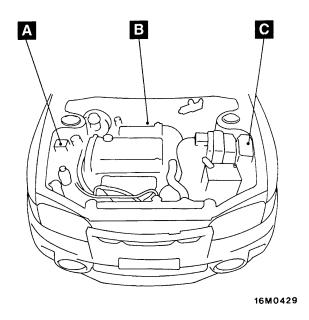


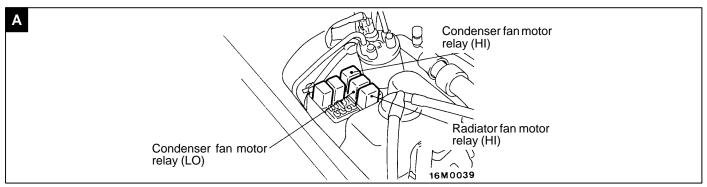
F-01 (1-B)	Defogger (–) <vehicles choke="" coil="" without=""></vehicles>	F-18 (2-GR)	Licence plate lamp (LH)
F-02 (1-B)	Defogger (–) <vehicles choke="" coil="" with=""></vehicles>	F-20 (6)	Rear combination lamp (LH)
F-03 (2)	Choke coil	F-23 (2-B)	Rear speaker (LH)
F-04 (3)	Choke coil	F-24 (1)	Glass antenna
F-05 (2)	Luggage compartment lamp		<vehicles antenna="" diversity="" glass="" with=""></vehicles>
F-06 (2)	Vacant connector or high mounted stop	F-25 (1)	Glass antenna
	lamp (installed on rear shelf)	F-26 (1-B)	Rear door switch (LH)
F-08 (2-B)	Rear speaker (RH)	F-27 (3-B)	Proportioning valve <vehicles ayc="" with=""></vehicles>
F-09 (1-B)	Defogger (+) <vehicles choke="" coil="" with=""></vehicles>	F-28 (2-B)	Direction valve (LH) < vehicles with AYC>
F-10 (1-B)	Defogger (+) <vehicles choke="" coil="" without=""></vehicles>	F-29 (2-B)	Direction valve (RH) < vehicles with AYC>
F-11 (3)	Rear wiper motor	F-30 (8-B)	Rear harness and AYC harness combina-
F-12 (1-B)	Rear door switch (RH)		tion
F-13 (2)	High mounted stop lamp (installed on rear	F-31 (2-B)	Accumulator pressure switch
	spoiler)		<vehicles ayc="" with=""></vehicles>
F-15 (6)	Rear combination lamp (RH)	F-32 (2-B)	AYC motor
F-16 (2-GR)	Licence plate lamp (RH)	F-33 (6)	CD changer
F-17 (1-B)	Luggage compartment lamp switch	, ,	-

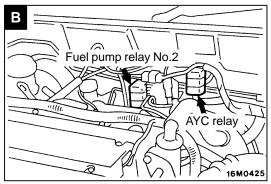
SINGLE PART INSTALLATION POSITION

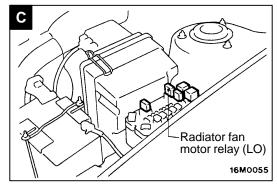
RELAY

Name	Symbol	Name	Symbol
AYC relay	В	Fuel pump relay No.2	В
Condenser fan motor relay (HI)	Α	Radiator fan motor relay (HI)	Α
Condenser fan motor relay (LO)	Α	Radiator fan motor relay (LO)	С

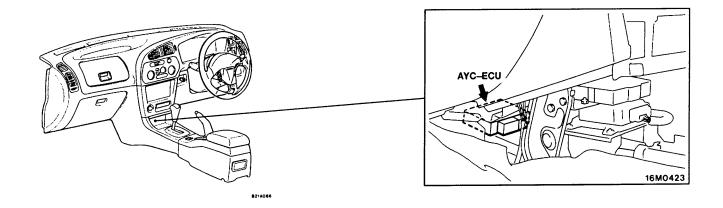






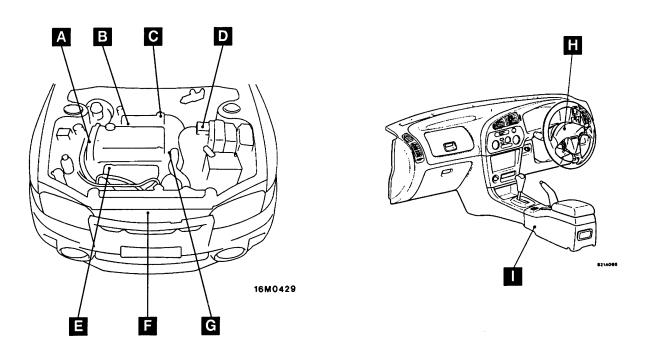


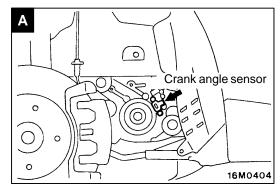
ECU

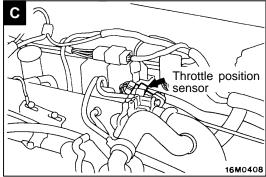


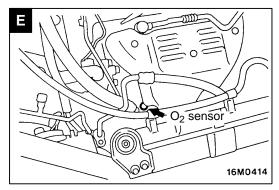
SENSOR

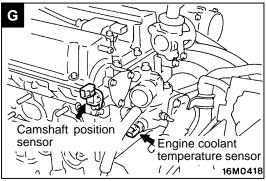
Name	Symbol	Name	Symbol
Acceleration sensor (lateral) <vehicles ayc="" with=""></vehicles>	I	Knock sensor	В
Acceleration sensor (longitudinal) <vehicles abs="" and="" ayc="" with=""></vehicles>	1	Outside air temperature sensor <vehicles air="" automatic="" conditioner="" fully="" with=""></vehicles>	F
Air flow sensor	D	O ₂ sensor	Е
Camshaft position sensor	G	Steering angle sensor (lateral) <vehicles ayc="" with=""></vehicles>	Н
Crank angle sensor	А	Throttle position sensor	С
Engine coolant temperature sensor	G		

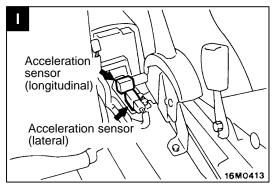


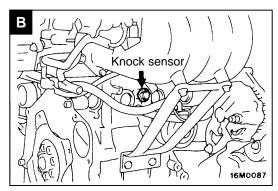


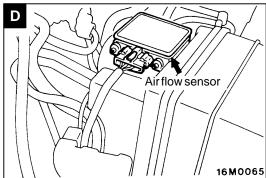


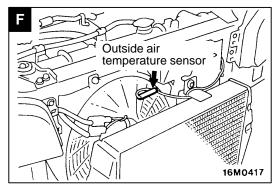


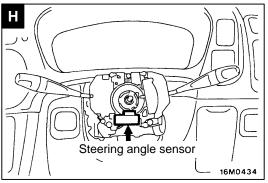






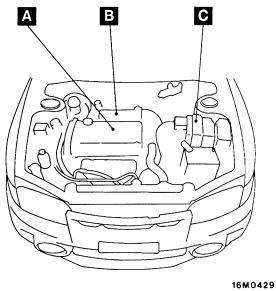


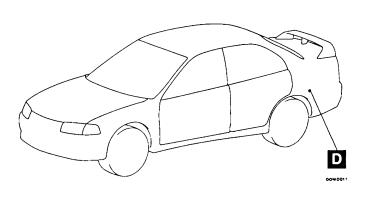


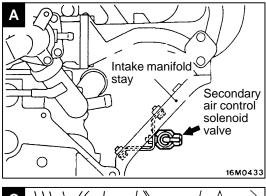


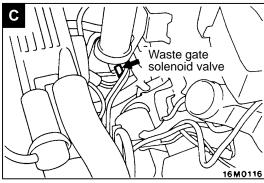
SOLENOID VALVE

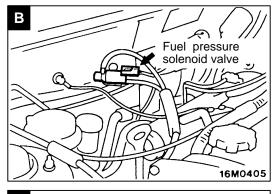
Name	Symbol	Name	Symbol
Direction valve <vehicles ayc="" with=""></vehicles>	D	Secondary air control solenoid valve	А
Fuel pressure solenoid valve	В	Waste gate solenoid valve	С
Proportioning valve <vehicles ayc="" with=""></vehicles>	D		

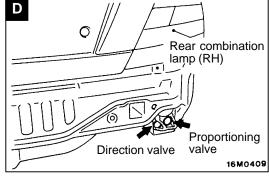




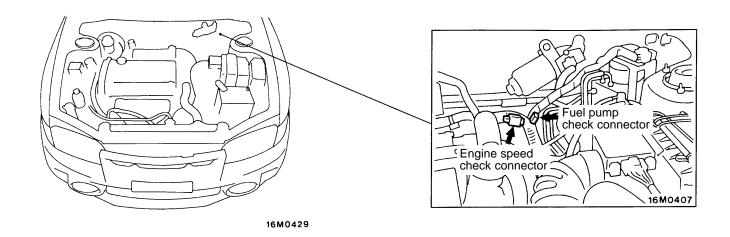




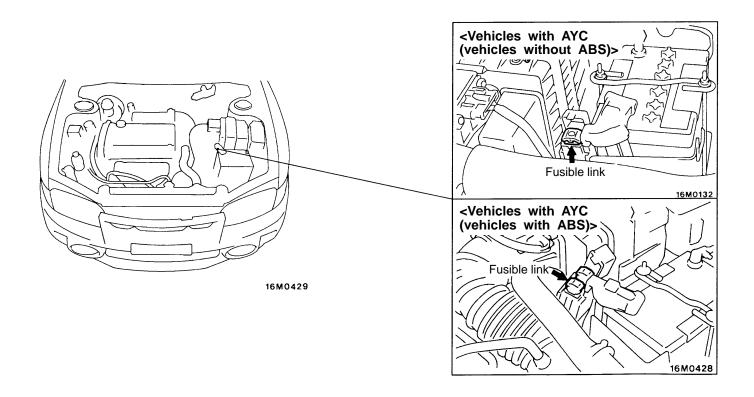




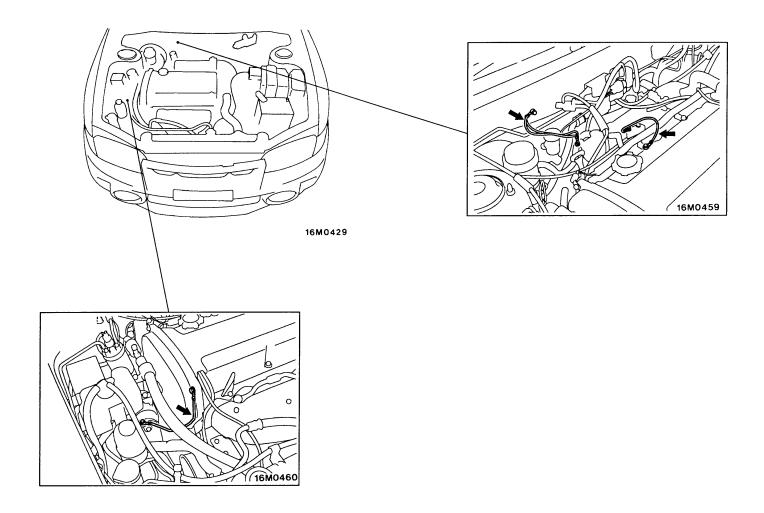
CHECK CONNECTOR AND SPARE CONNECTOR



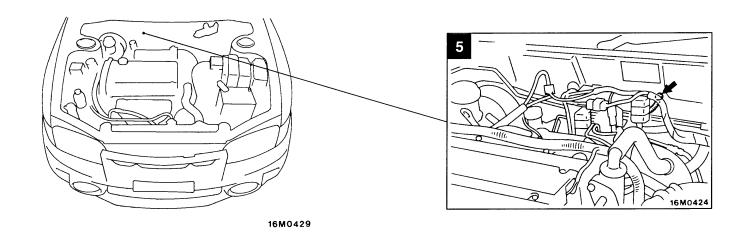
FUSIBLE LINK AND FUSE



GROUND CABLE



GROUND



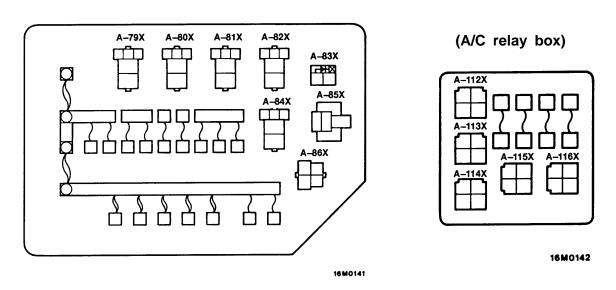
CIRCUIT DIAGRAM

CENTRALIZED JUNCTION

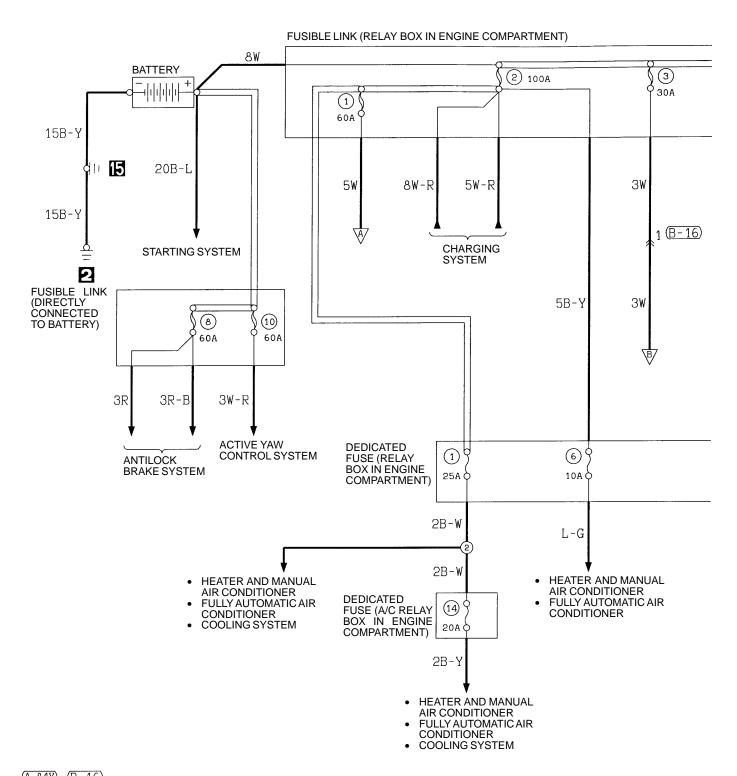
CENTRALIZED RELAY

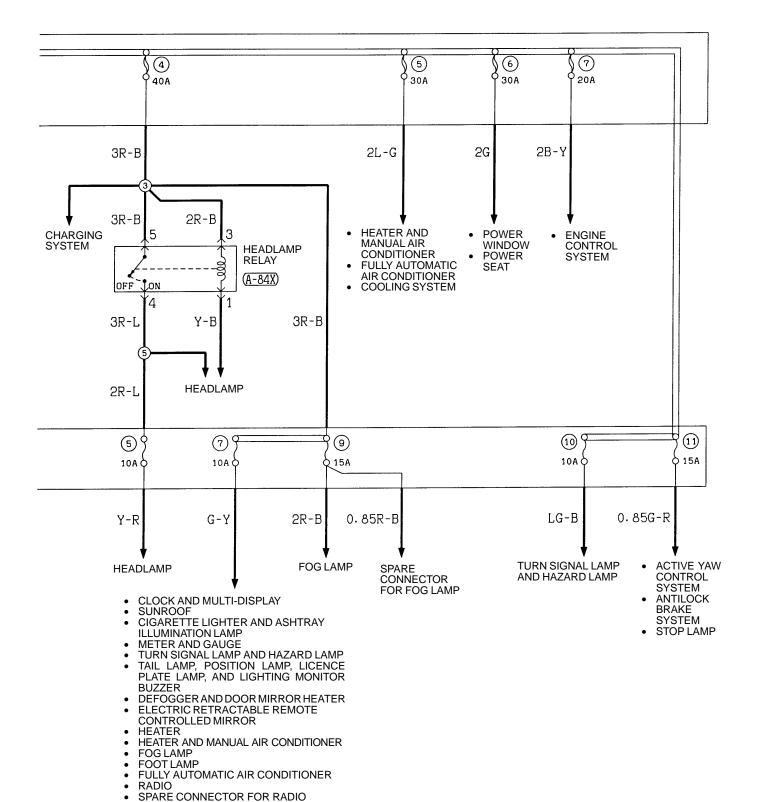
Connector No.	Name	Connector No.	Name
A-82X	Radiator fan motor relay (LO)	A-113X	Condenser fan motor relay (LO)
A-112X	Radiator fan motor relay (HI)	A-114X	Condenser fan motor relay (HI)

Relay box in engine compartment

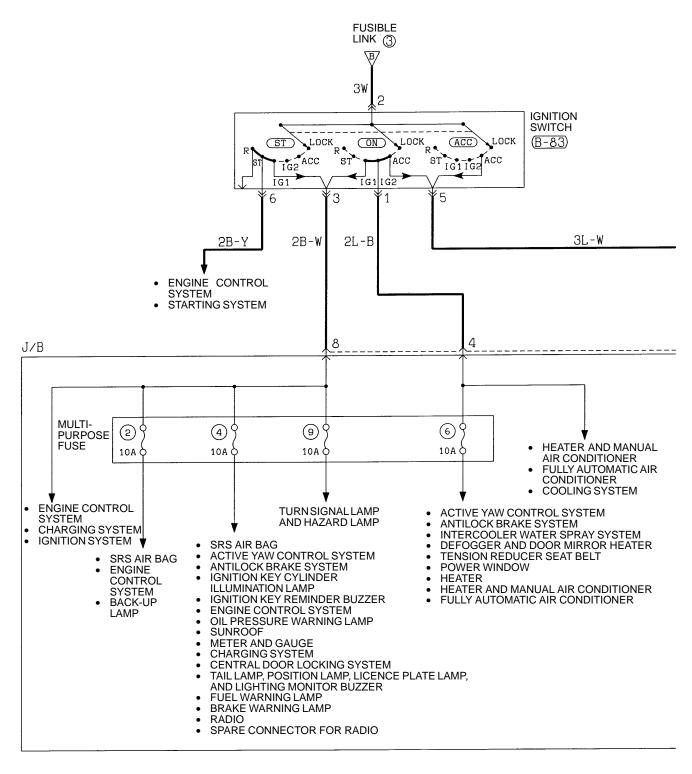


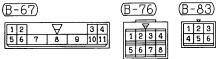
POWER DISTRIBUTION SYSTEM

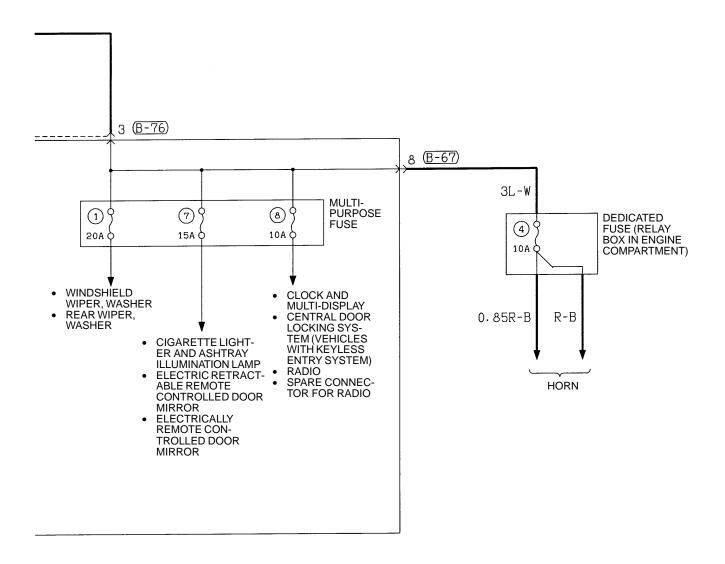




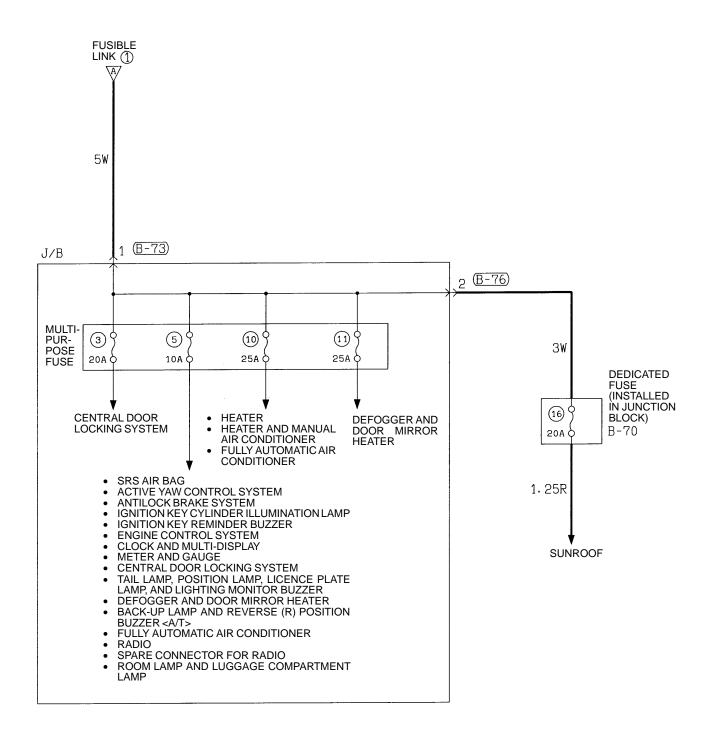
POWER DISTRIBUTION SYSTEM (CONTINUED)

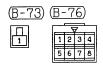




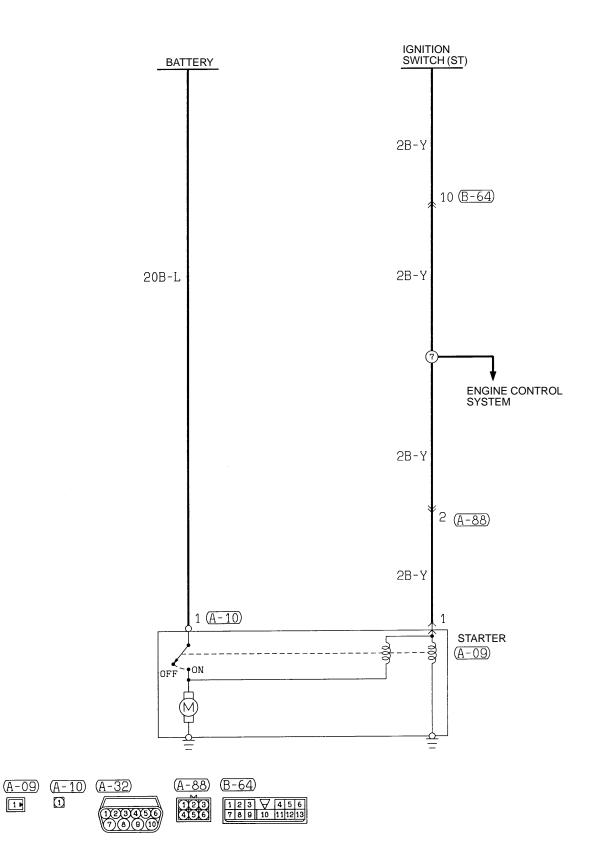


POWER DISTRIBUTION SYSTEM (CONTINUED)

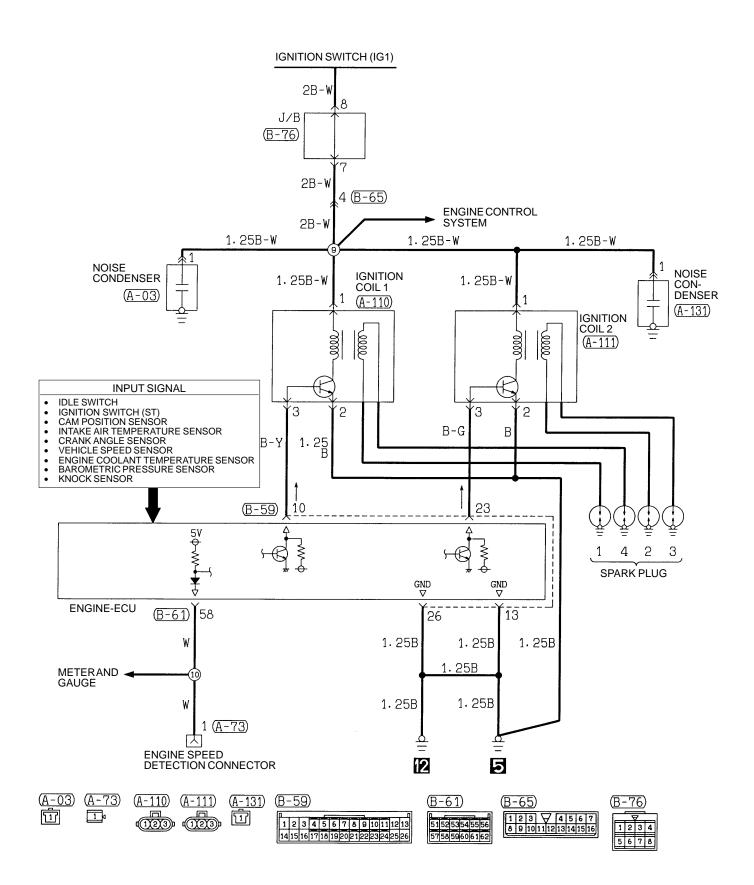




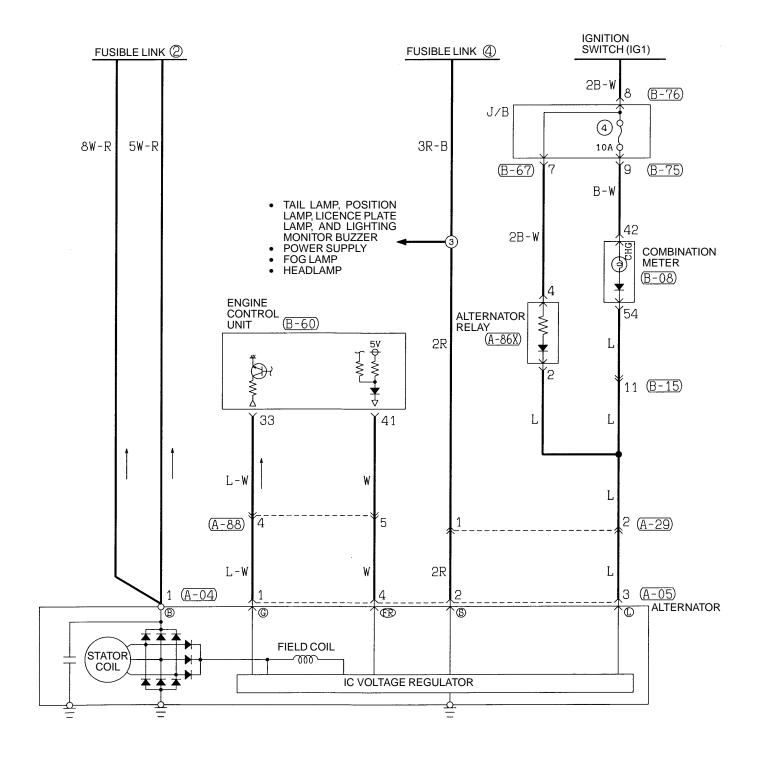
STARTING SYSTEM

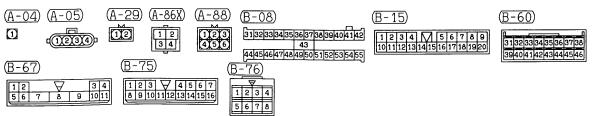


IGNITION SYSTEM

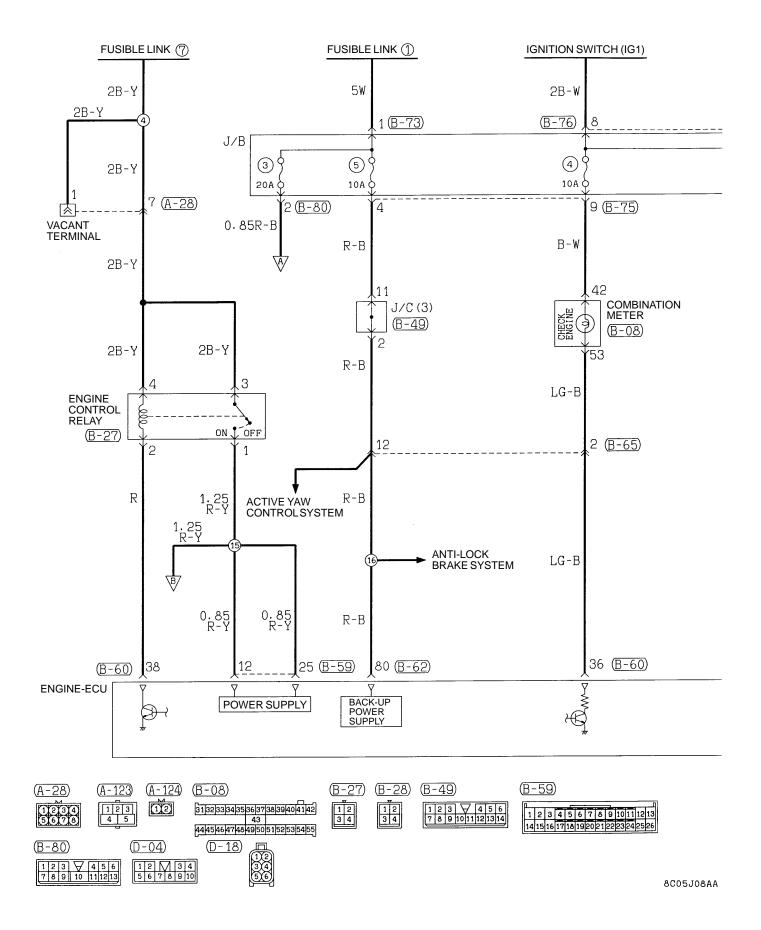


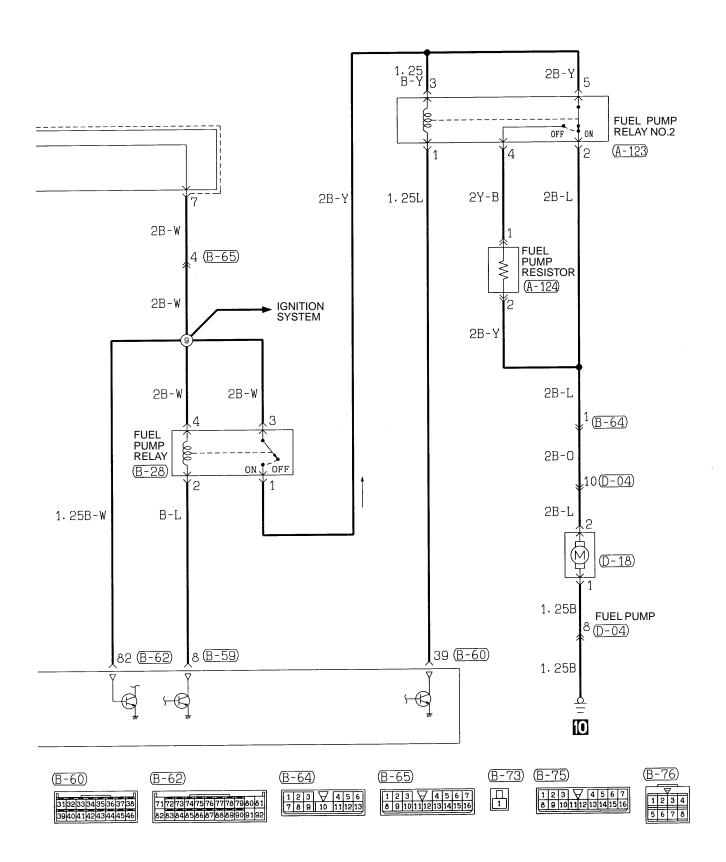
CHARGING SYSTEM



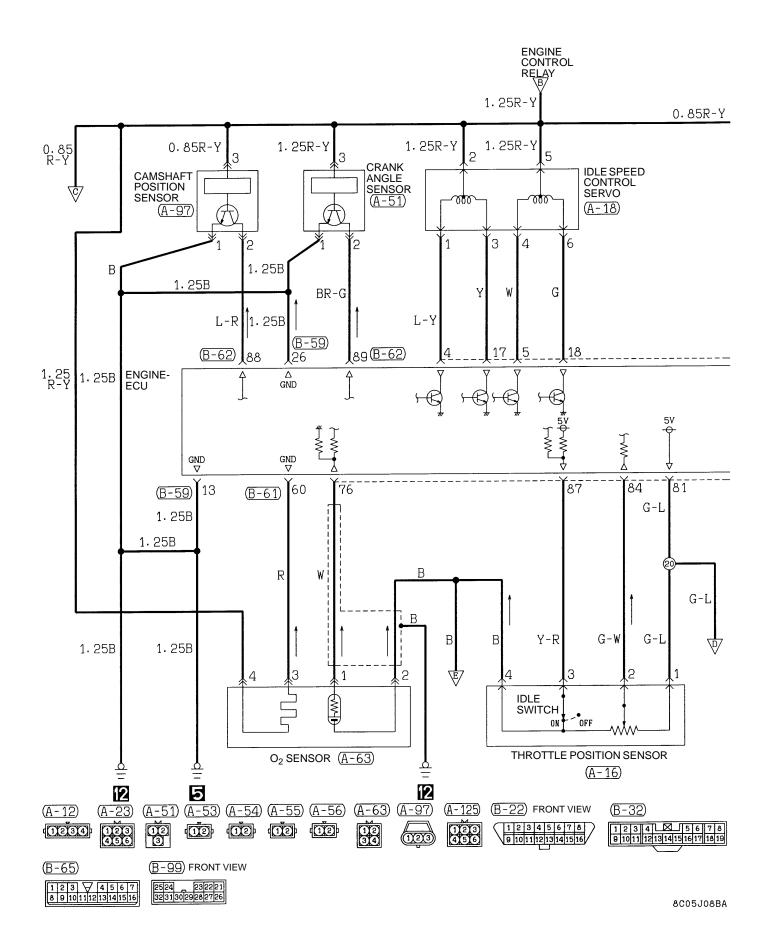


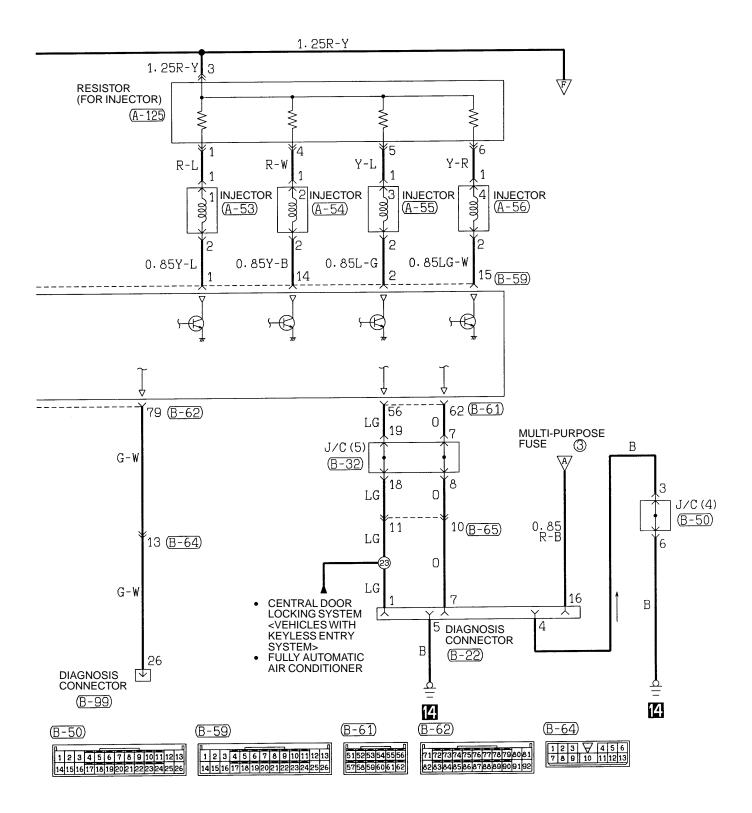
ENGINE CONTROL SYSTEM



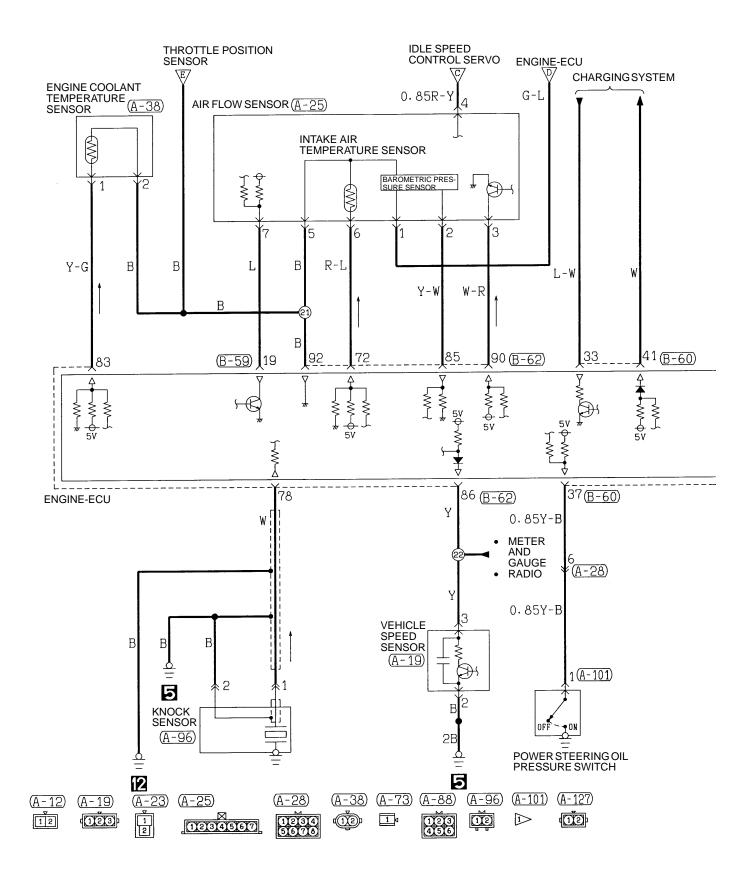


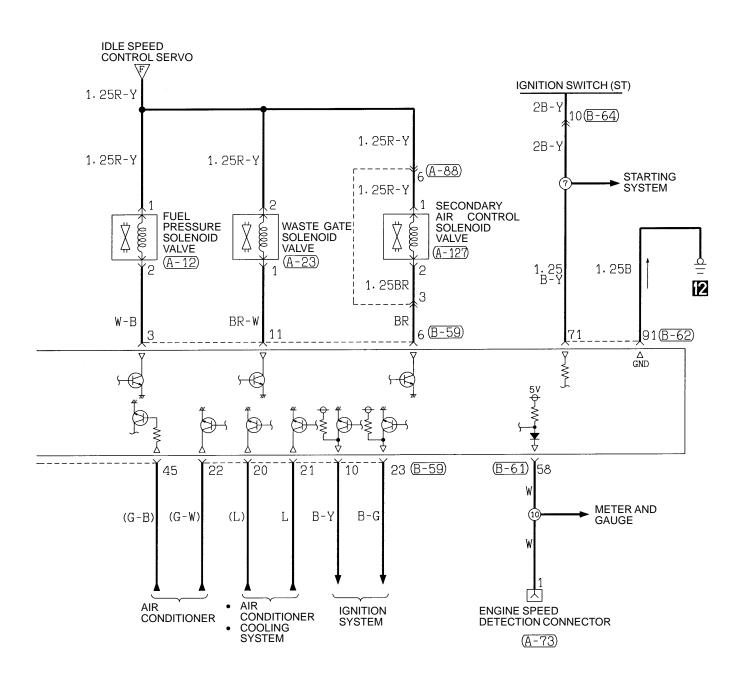
ENGINE CONTROL SYSTEM (CONTINUED)

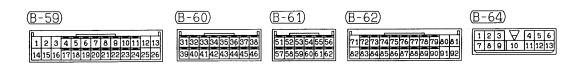




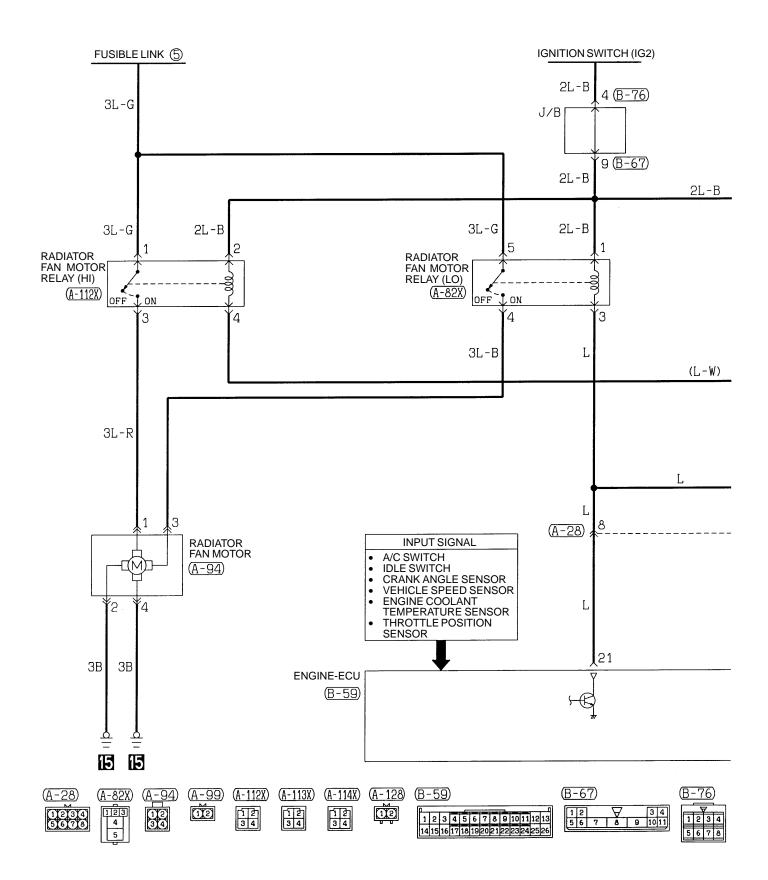
ENGINE CONTROL SYSTEM (CONTINUED)

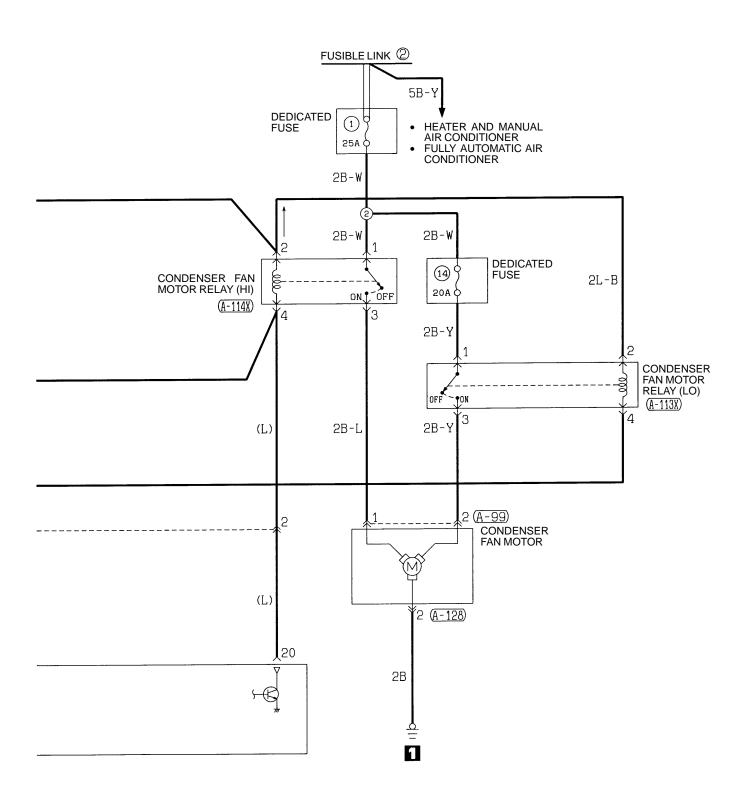




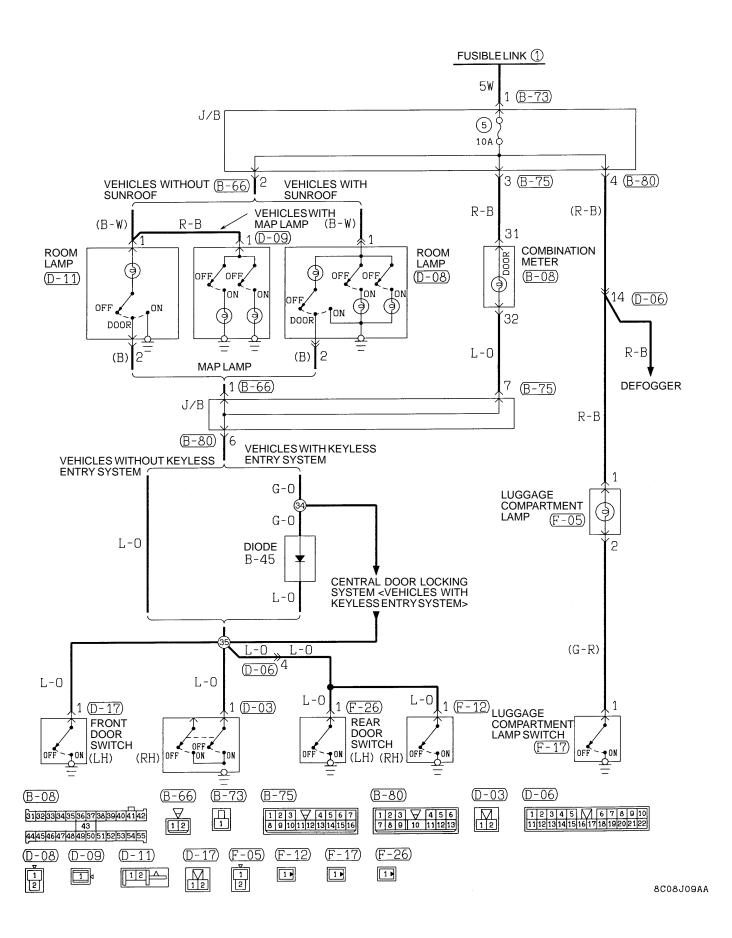


COOLING SYSTEM



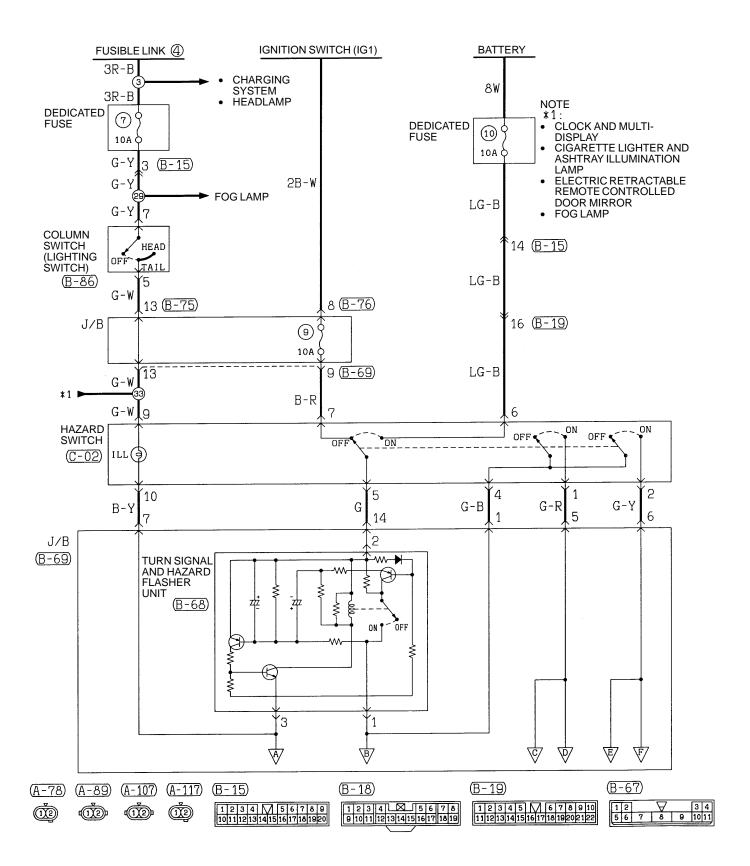


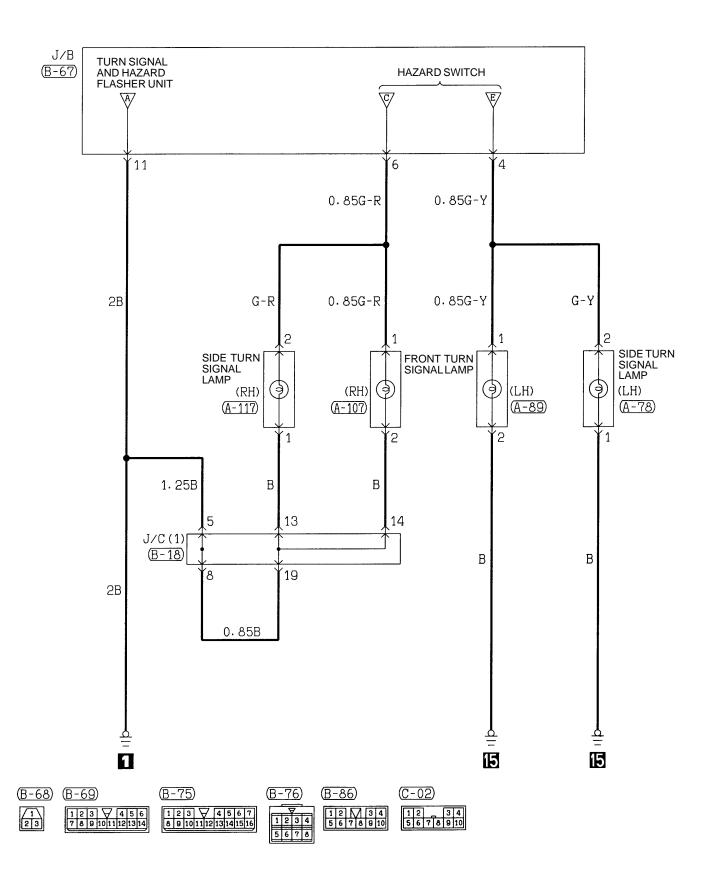
ROOM LAMP AND LUGGAGE COMPARTMENT LAMP



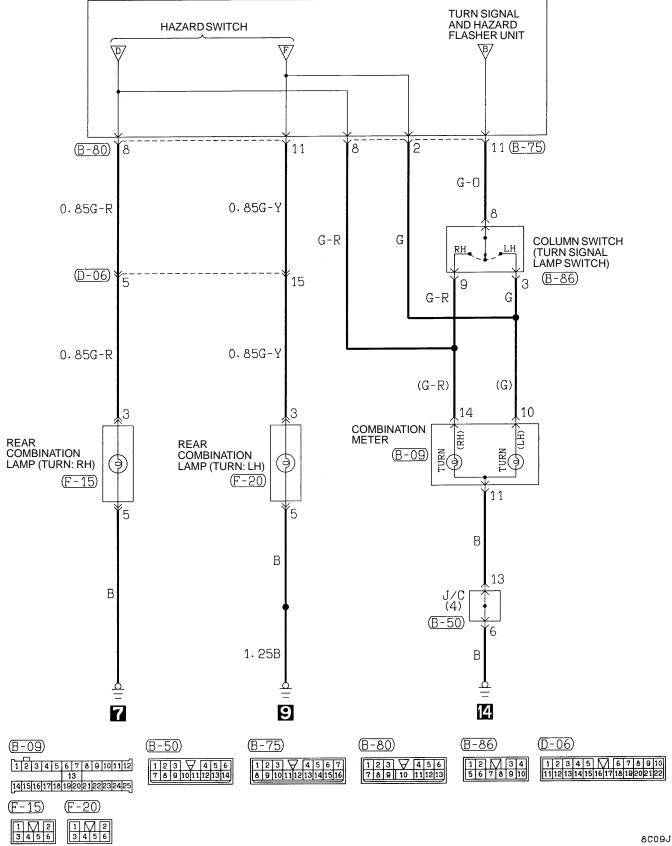
NOTES

TURN-SIGNAL LAMP AND HAZARD LAMP

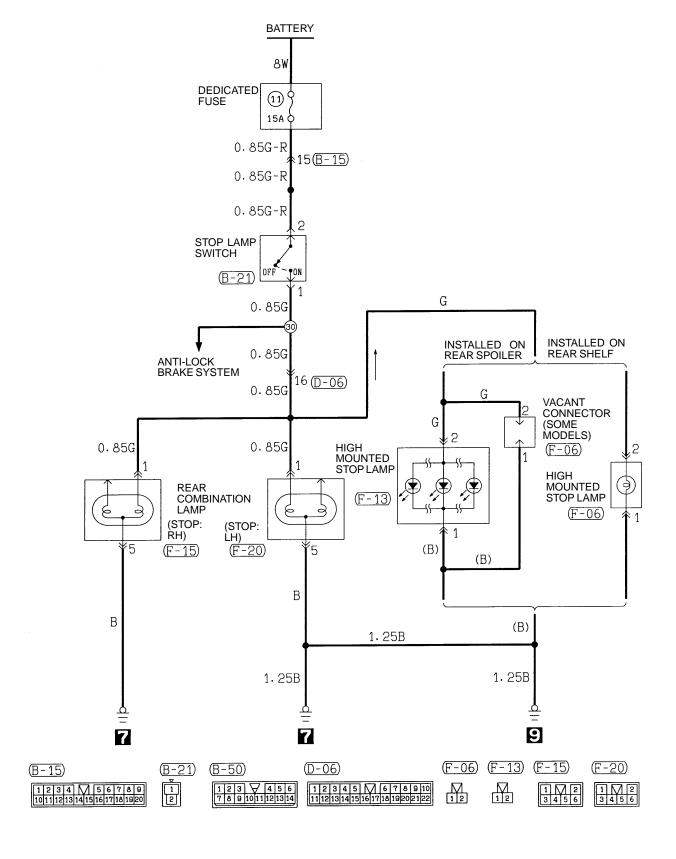




TURN-SIGNAL LAMP AND HAZARD LAMP (CONTINUED)

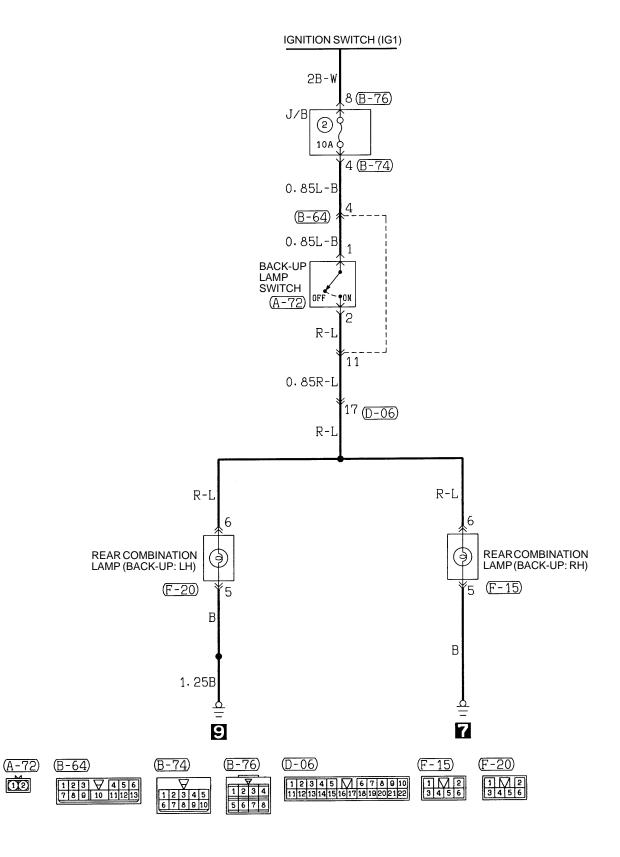


STOP LAMP



<u> 1</u>

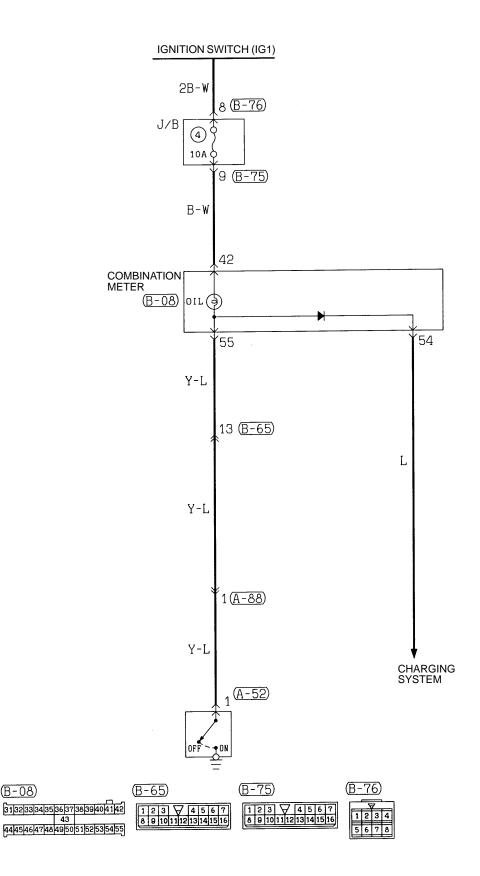
BACK-UP LAMP



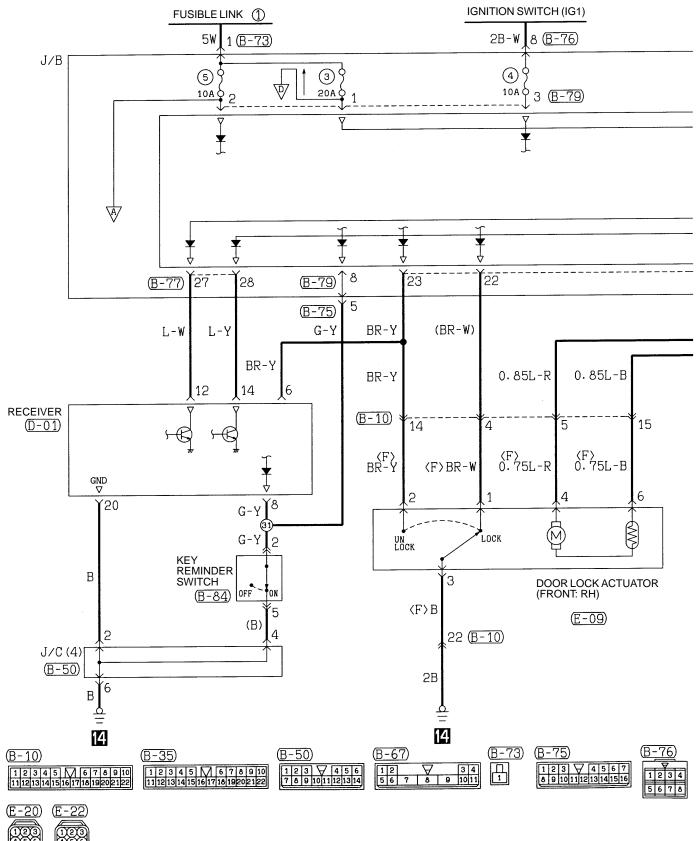
OIL PRESSURE WARNING LAMP

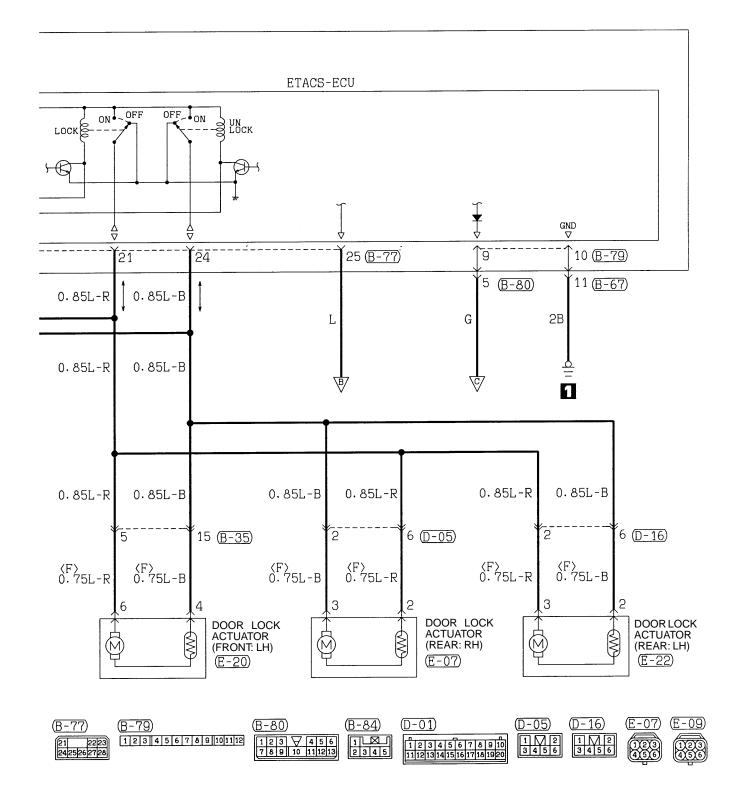
(A-52) (A-88) (B-08)

1

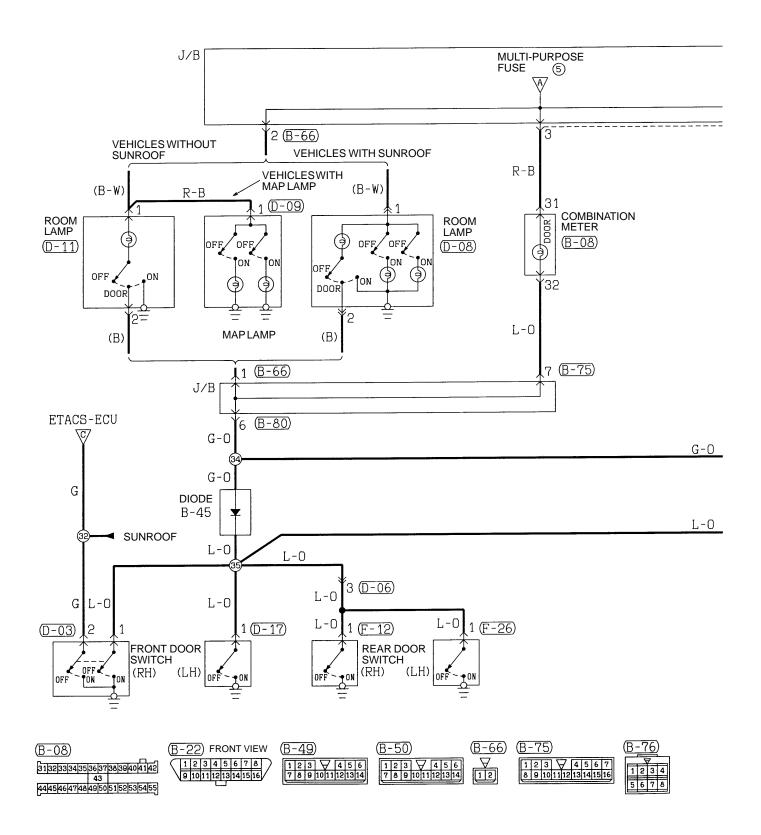


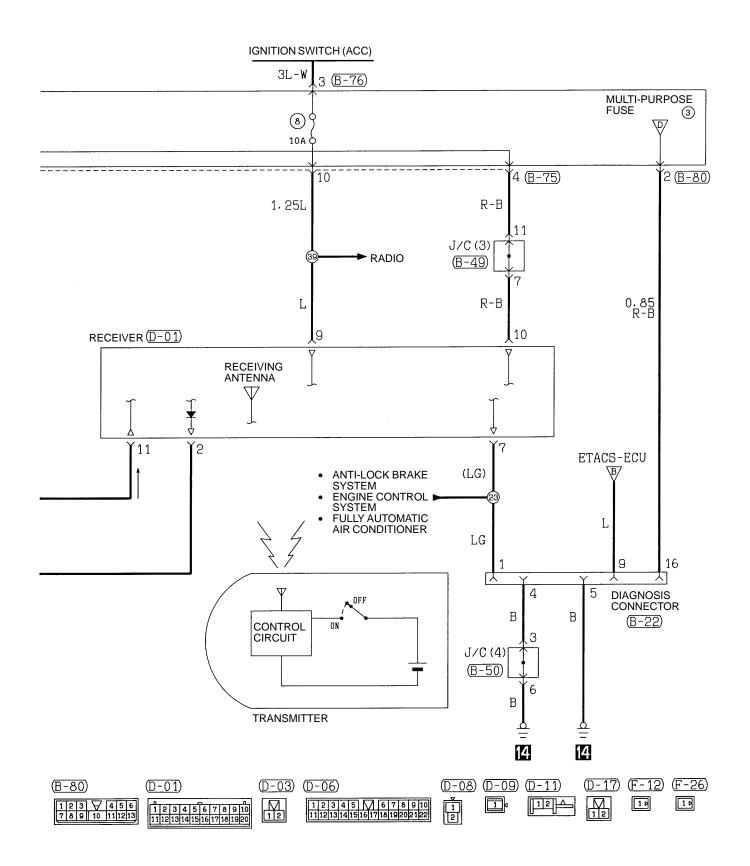
CENTRAL DOOR LOCKING SYSTEM <VEHICLES WITH KEYLESS ENTRY SYSTEM>



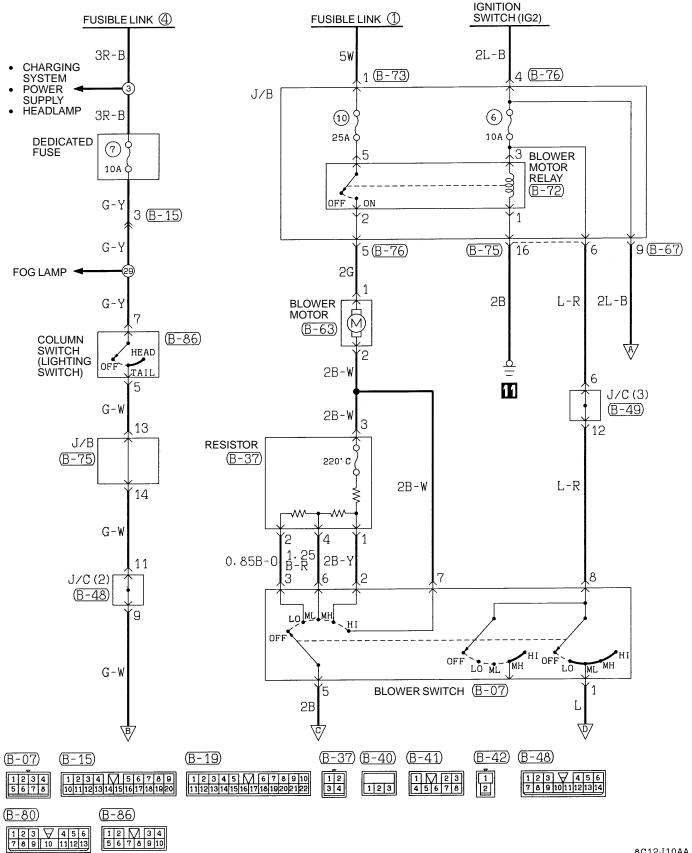


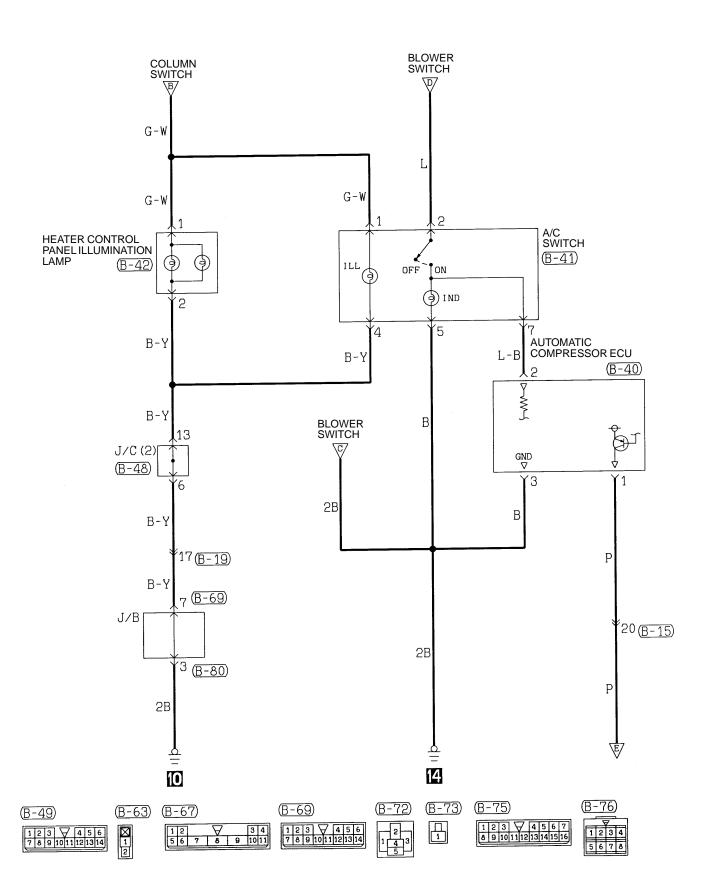
CENTRAL DOOR LOCKING SYSTEM <VEHICLES WITH KEYLESS ENTRY SYSTEM> (CONTINUED)



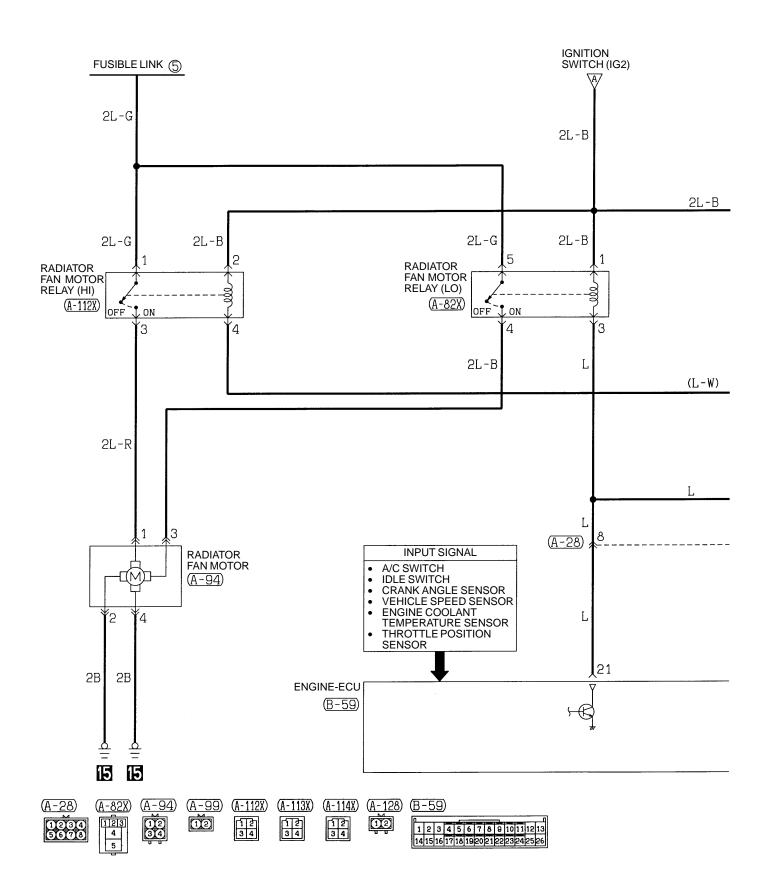


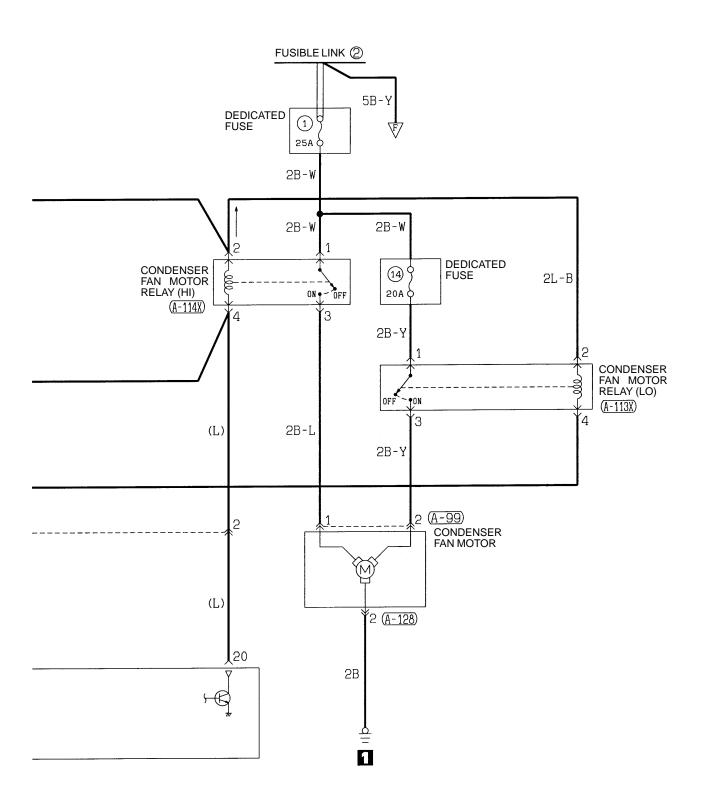
HEATER AND MANUAL AIR CONDITIONER



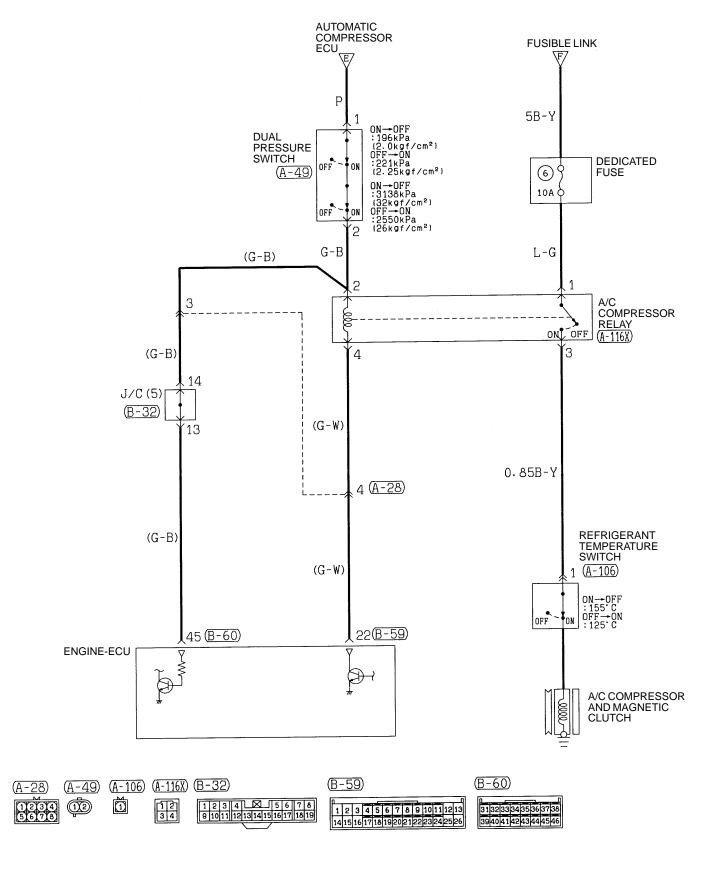


HEATER AND MANUAL AIR CONDITIONER (CONTINUED)



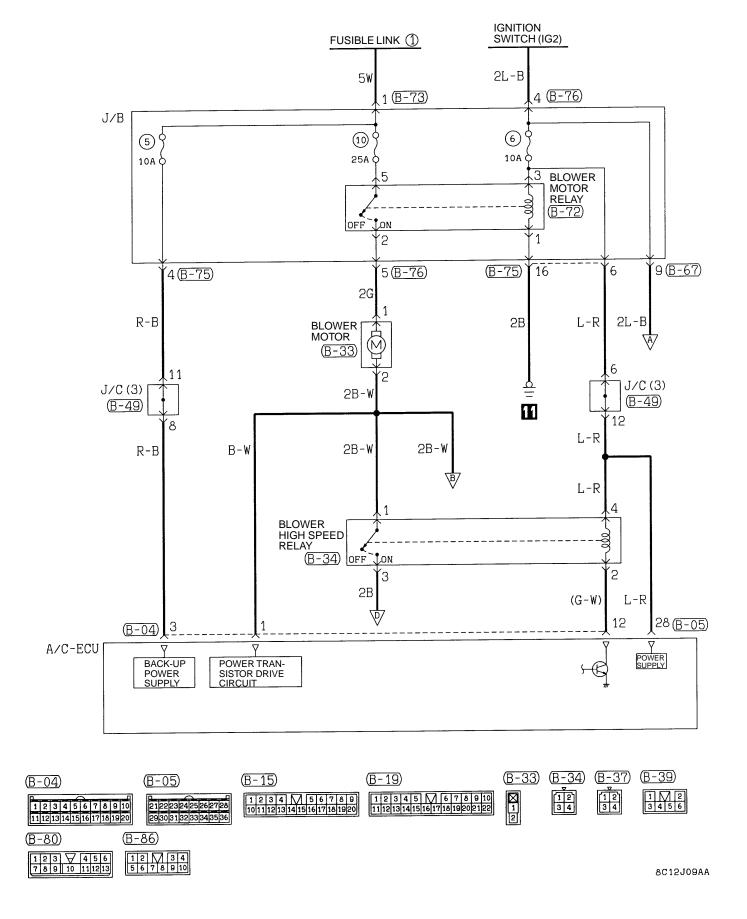


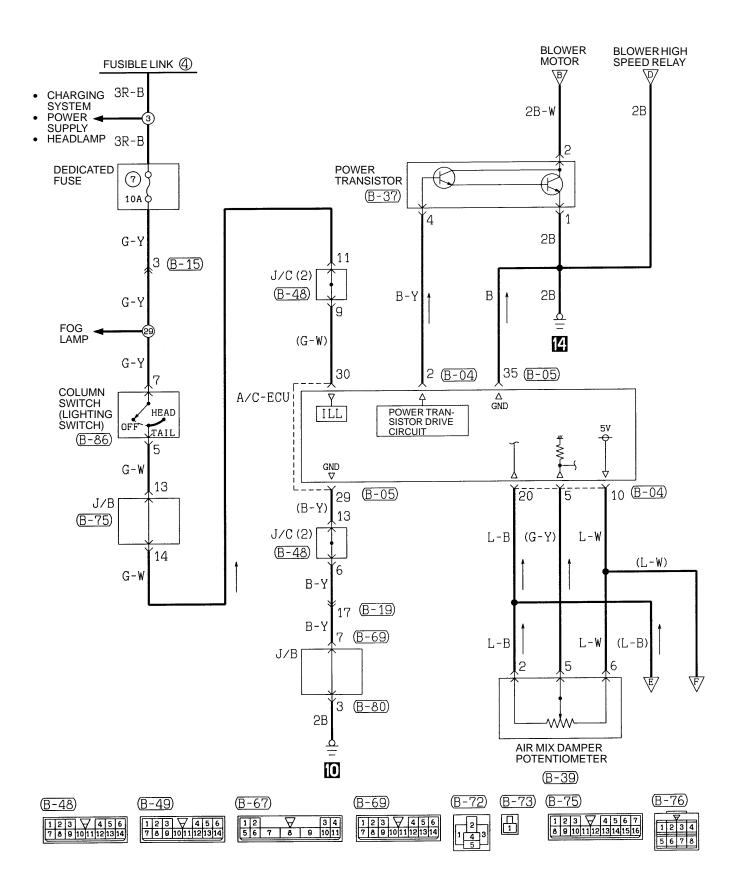
HEATER AND MANUAL AIR CONDITIONER (CONTINUED)



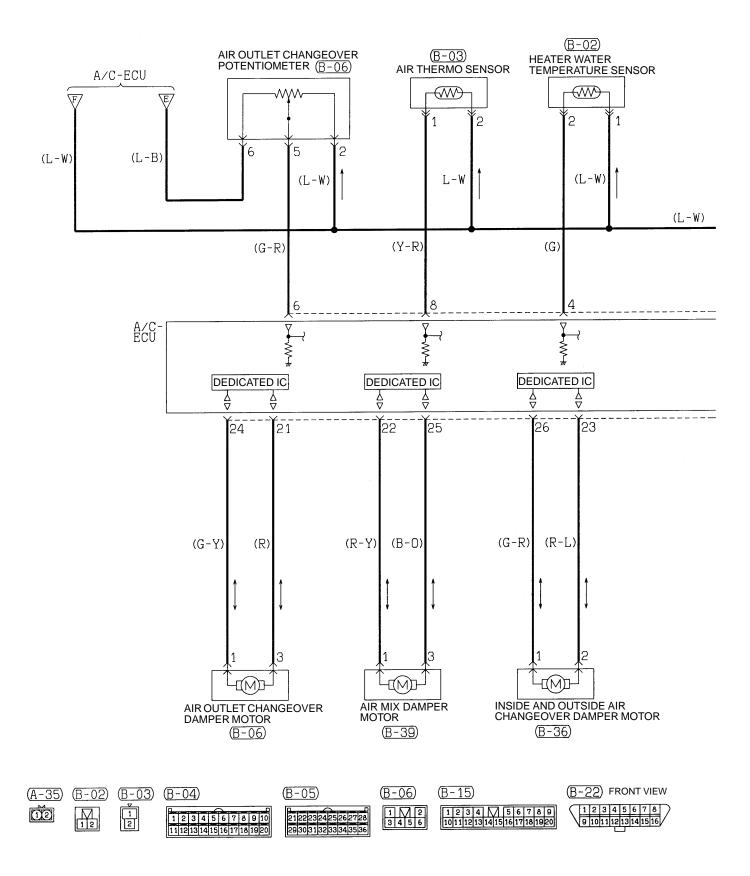
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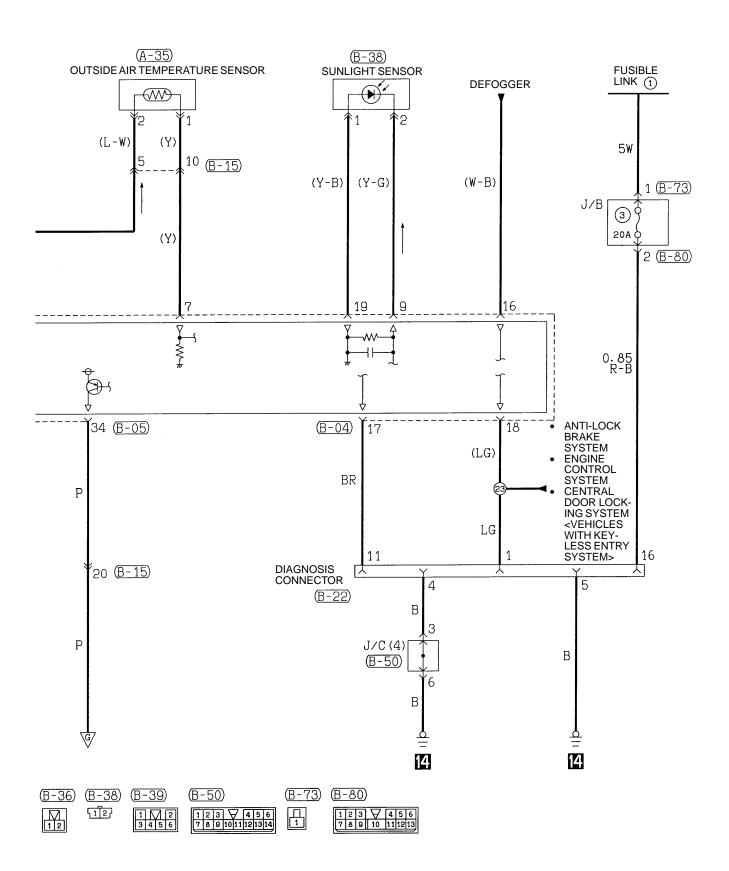
FULLY AUTOMATIC AIR CONDITIONER



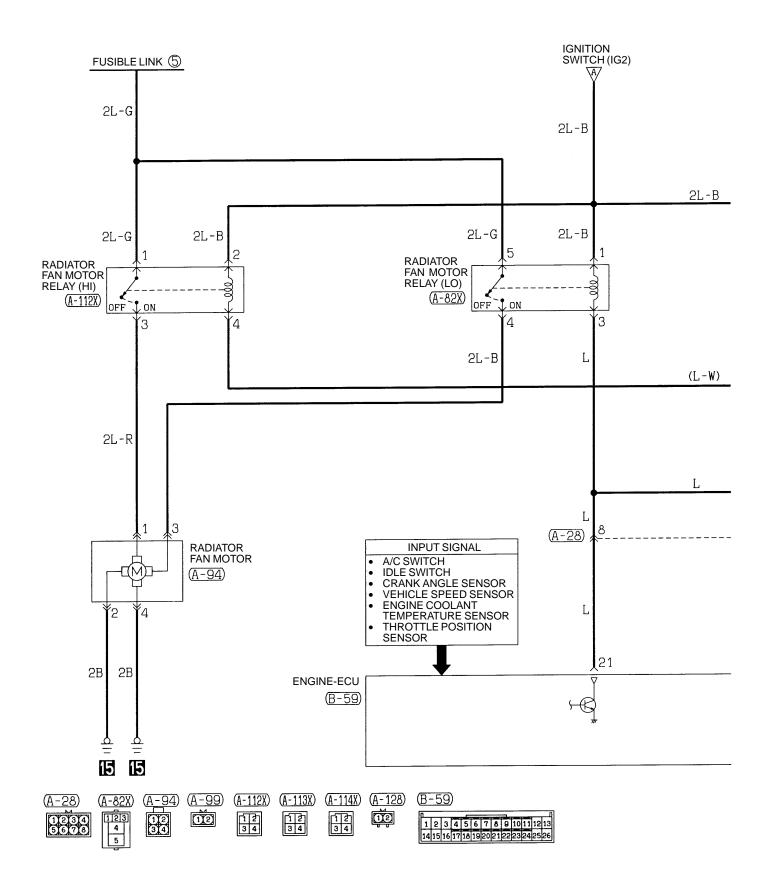


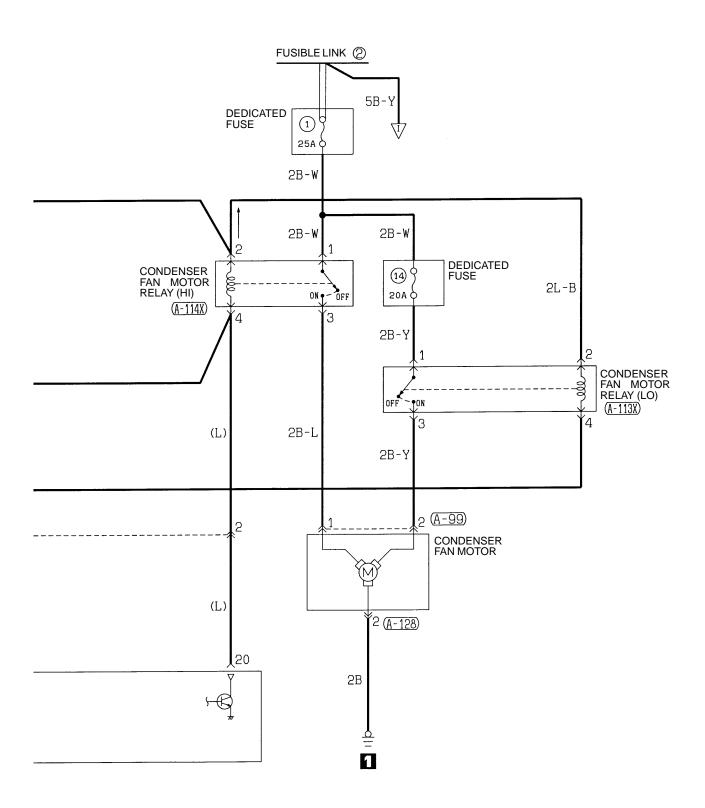
FULLY AUTOMATIC AIR CONDITIONER (CONTINUED)



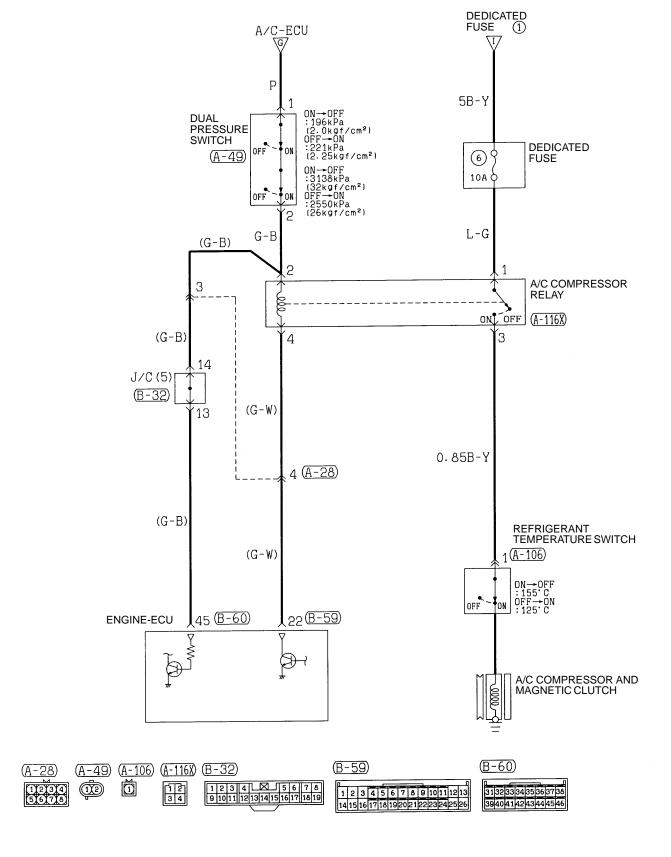


FULLY AUTOMATIC AIR CONDITIONER (CONTINUED)

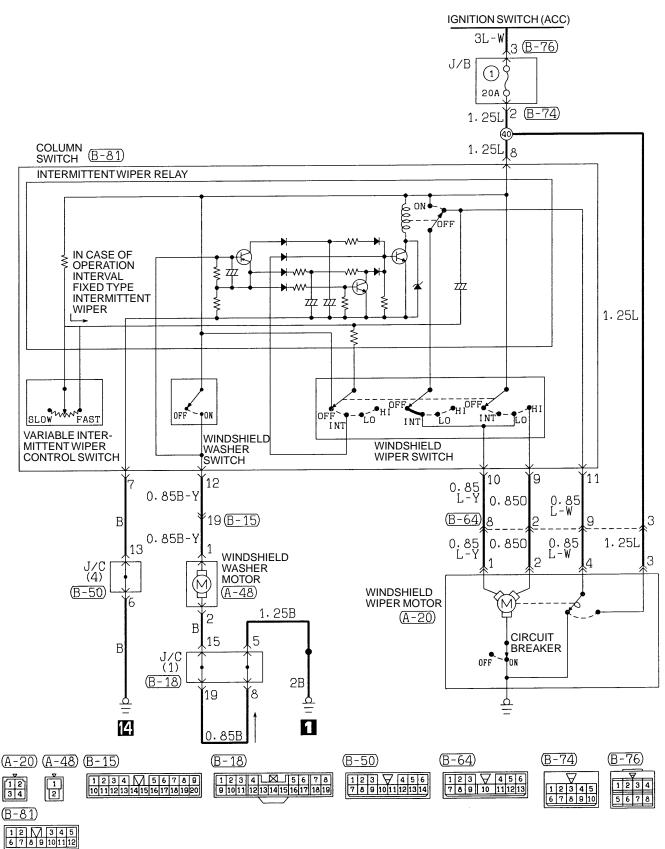




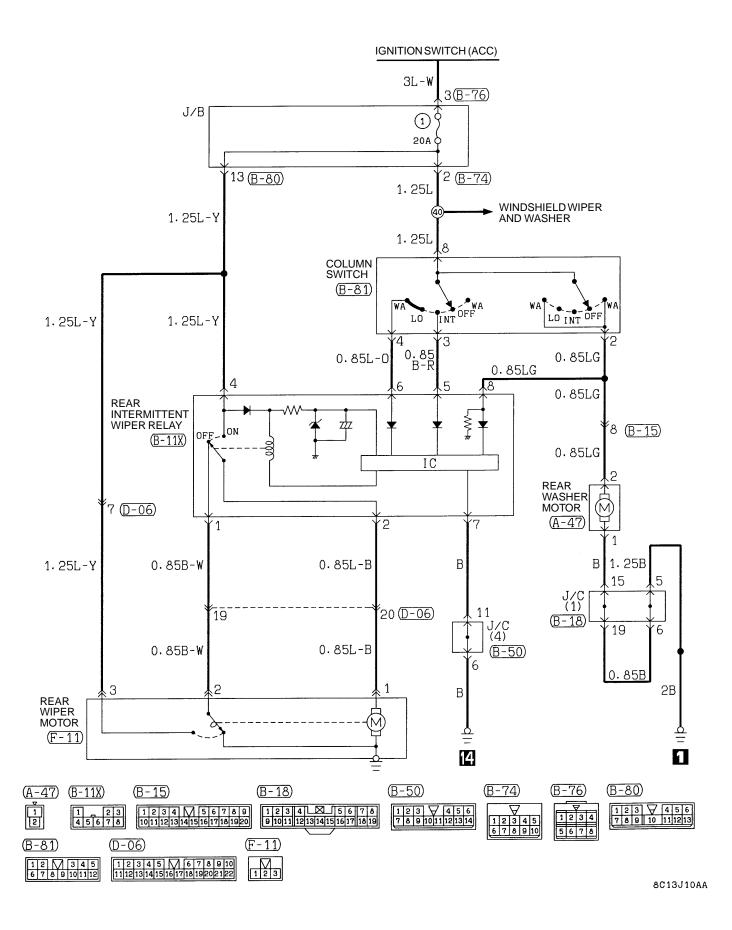
FULLY AUTOMATIC AIR CONDITIONER (CONTINUED)



WINDSHIELD WIPER AND WASHER <INTERMITTENT WIPER>

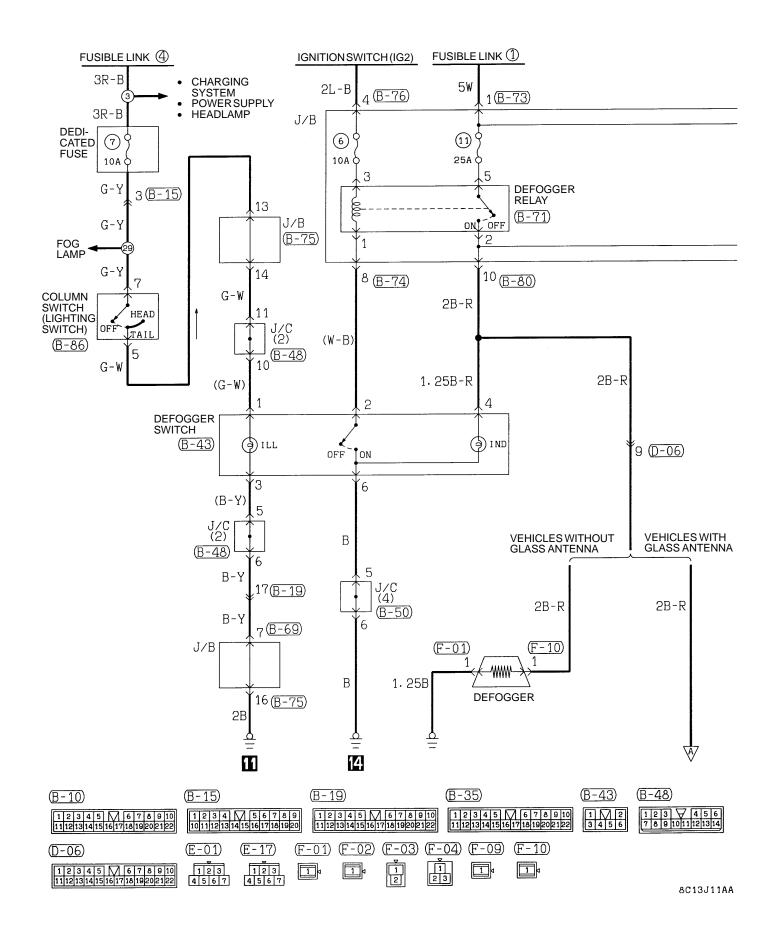


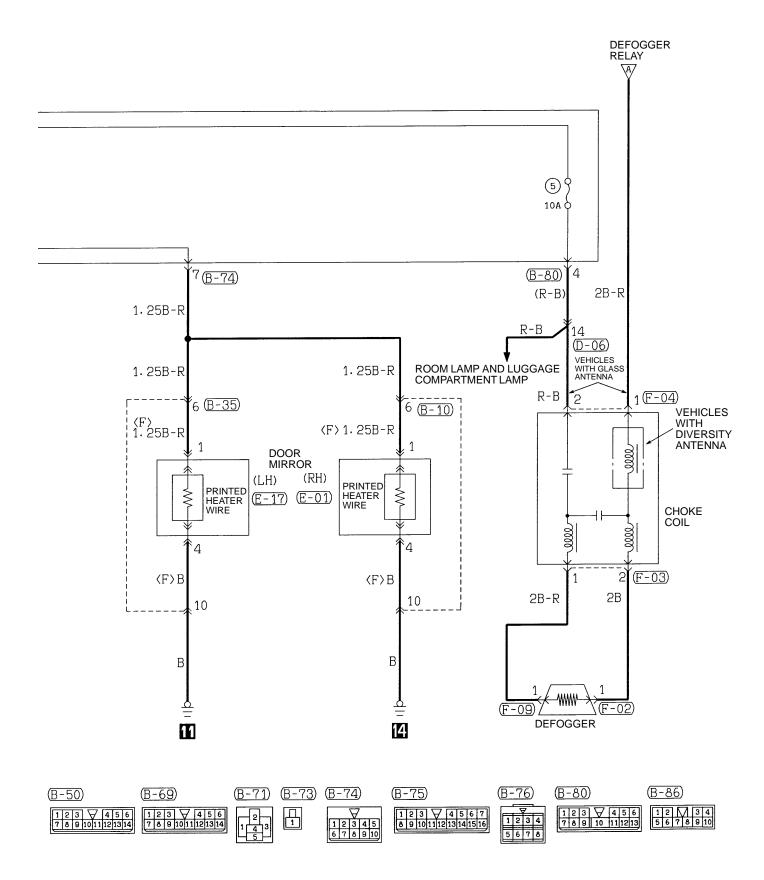
REAR WIPER AND WASHER



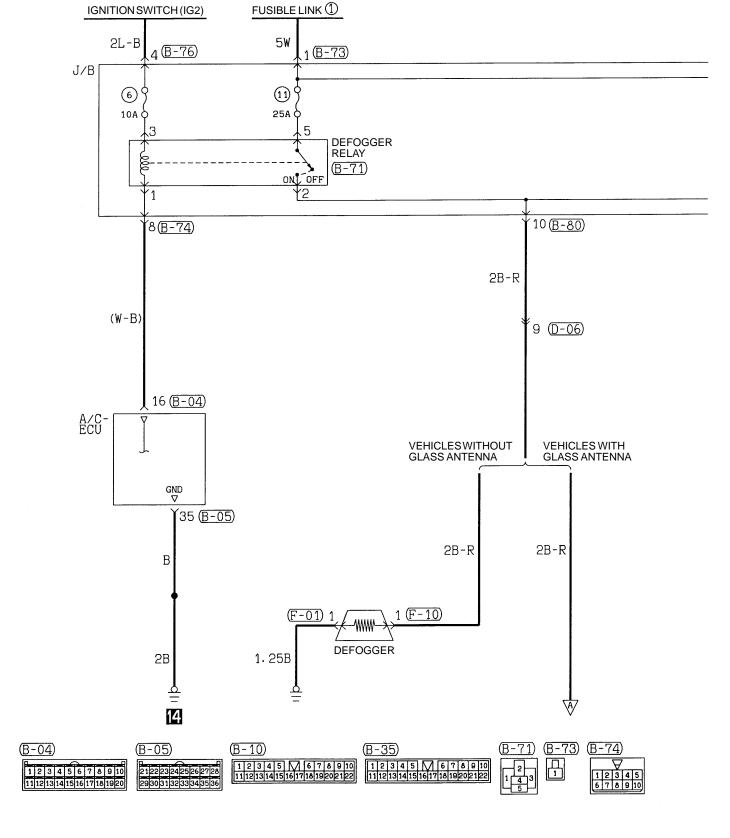
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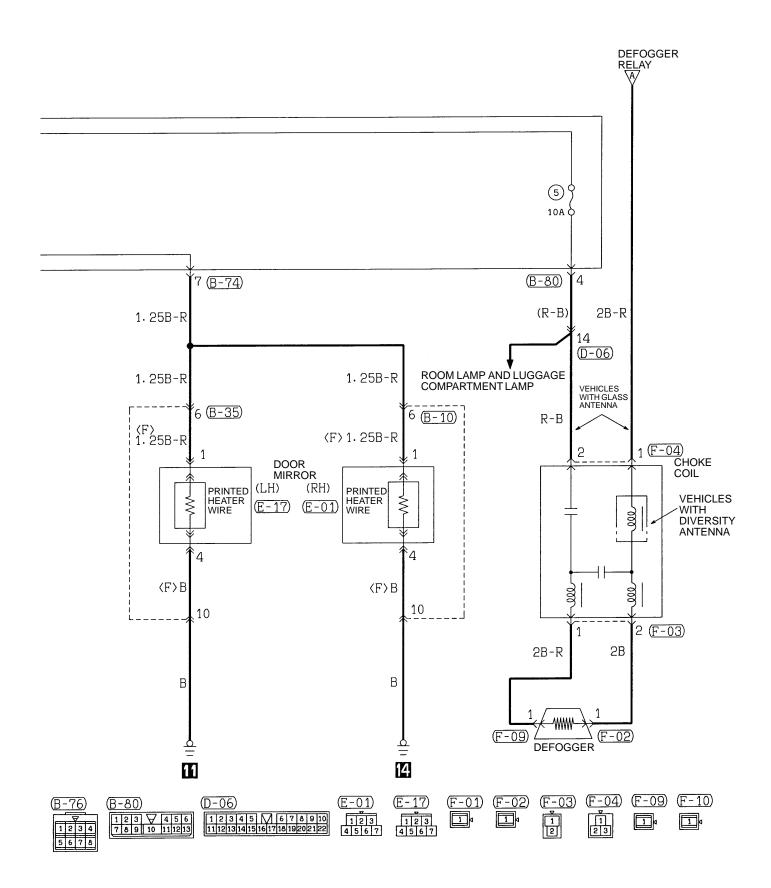
DEFOGGER AND DOOR MIRROR HEATER </P> **VEHICLES WITHOUT FULLY AUTOMATIC AIR CONDITIONER>**



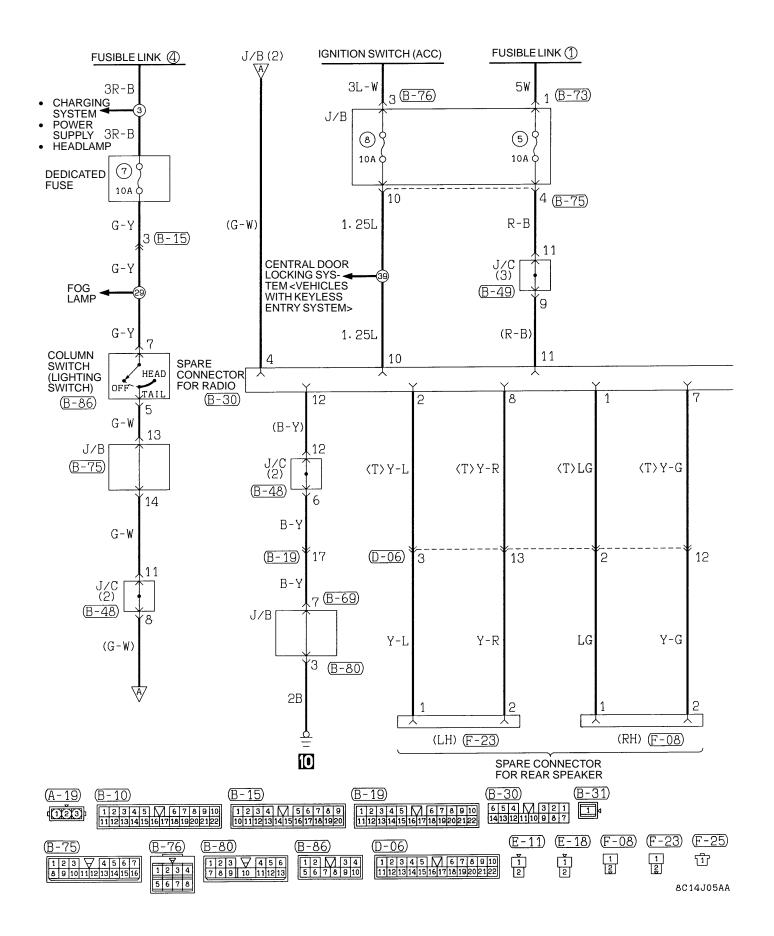


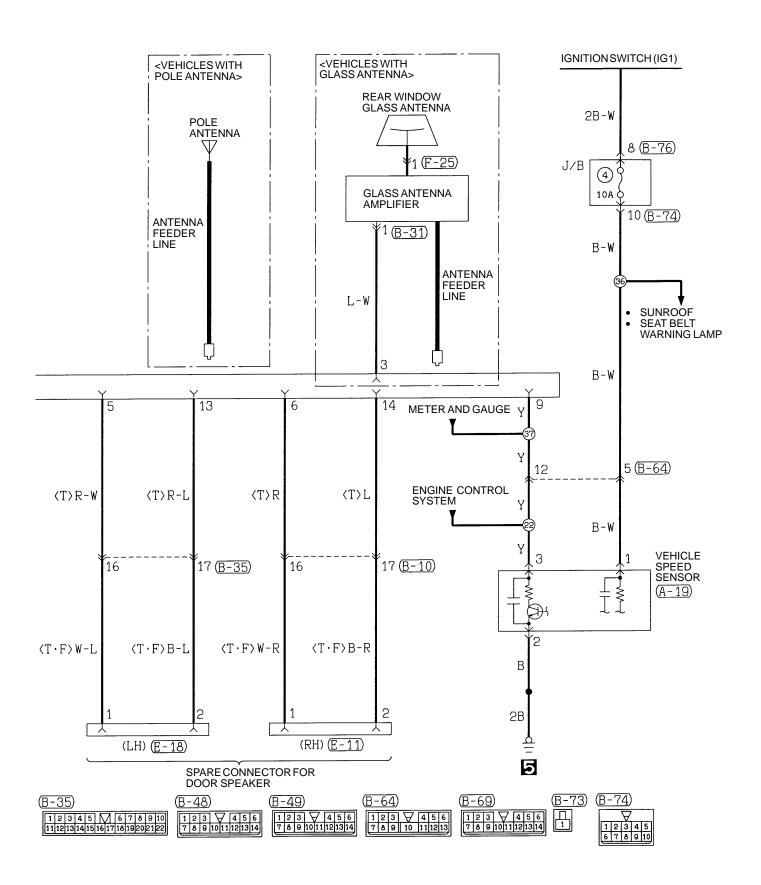
DEFOGGER AND DOOR MIRROR HEATER <VEHICLES WITH FULLY AUTOMATIC AIR CONDITIONER>



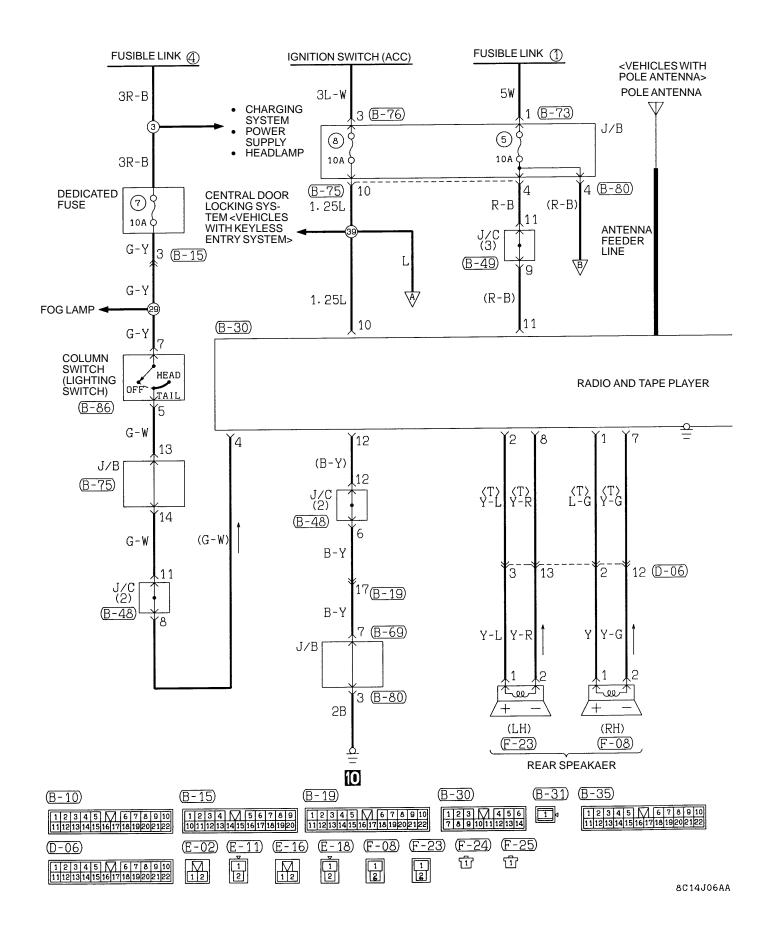


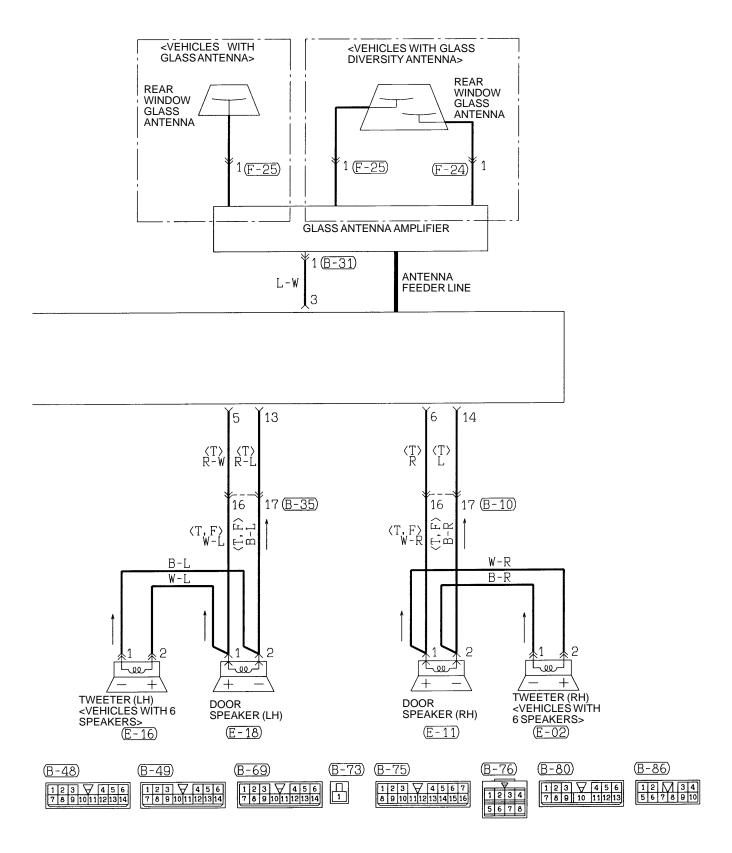
SPARE CONNECTOR FOR RADIO



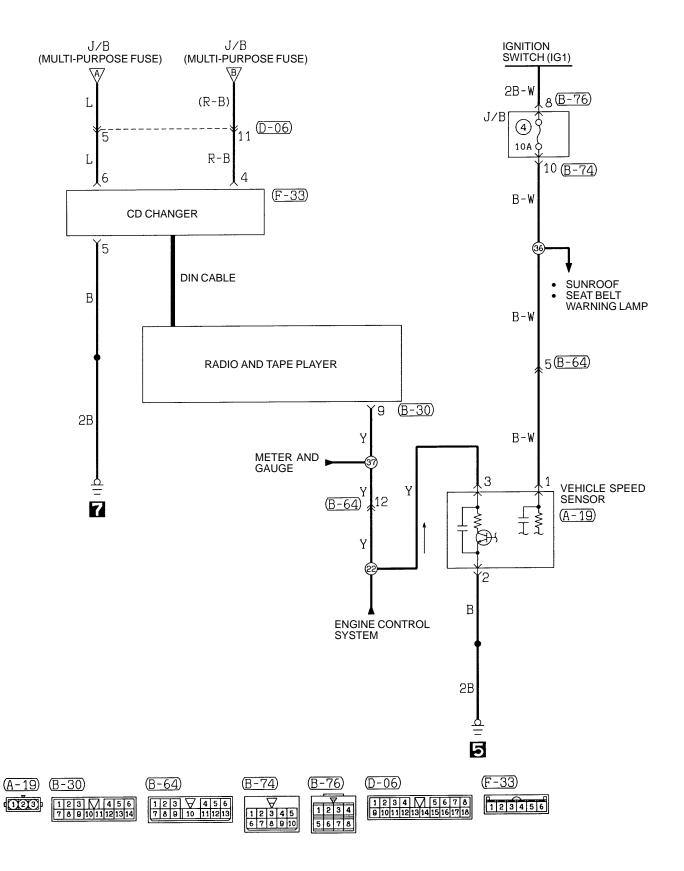


RADIO <4-SPEAKER, 6-SPEAKER>



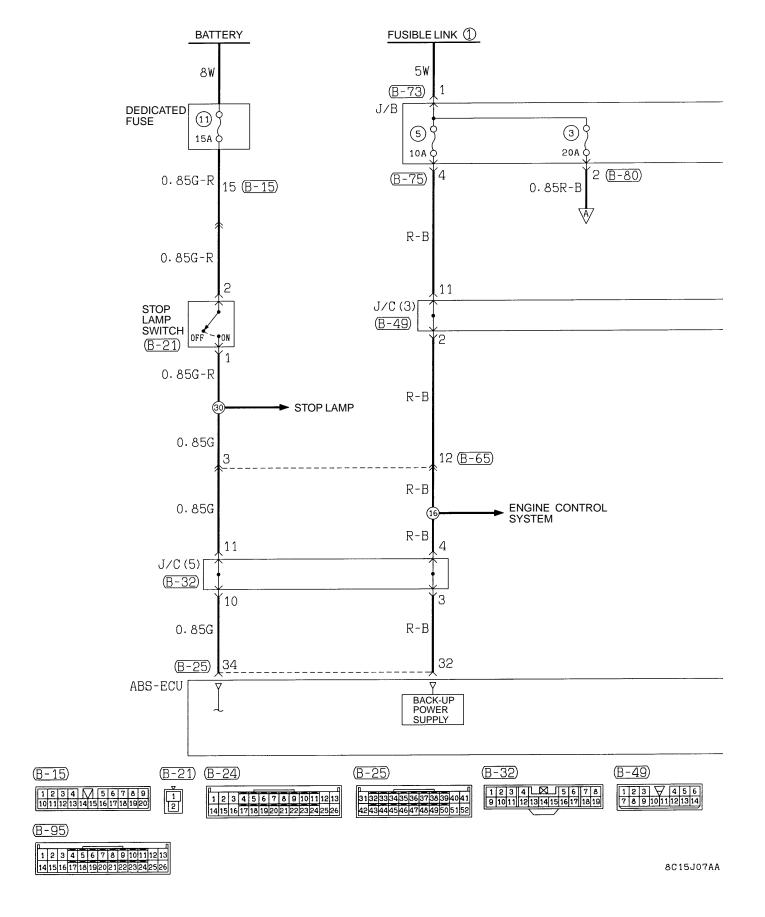


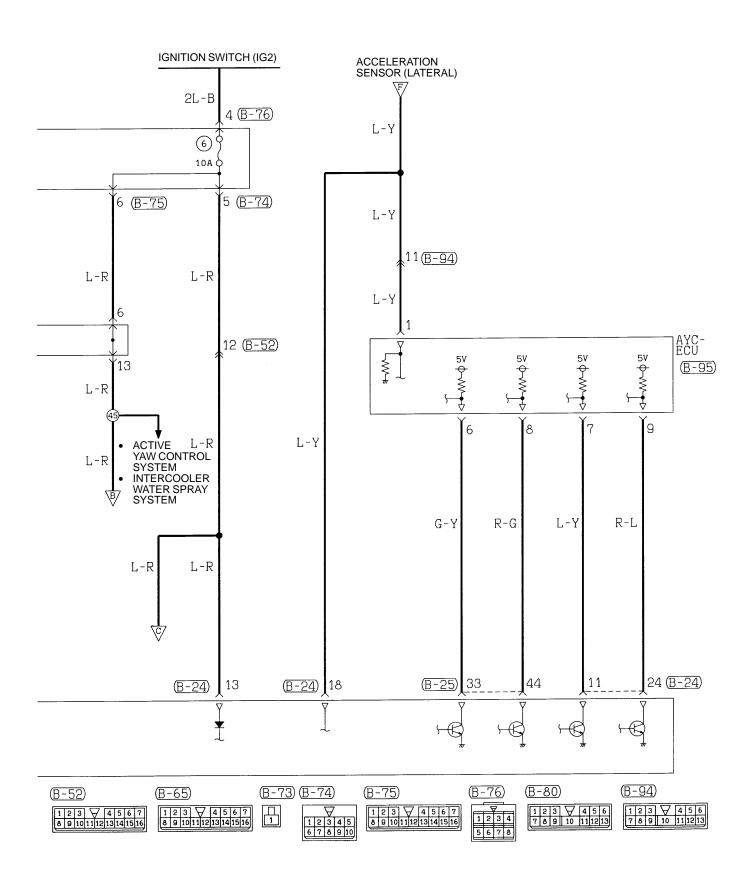
RADIO <4-SPEAKER, 6-SPEAKER> (CONTINUED)



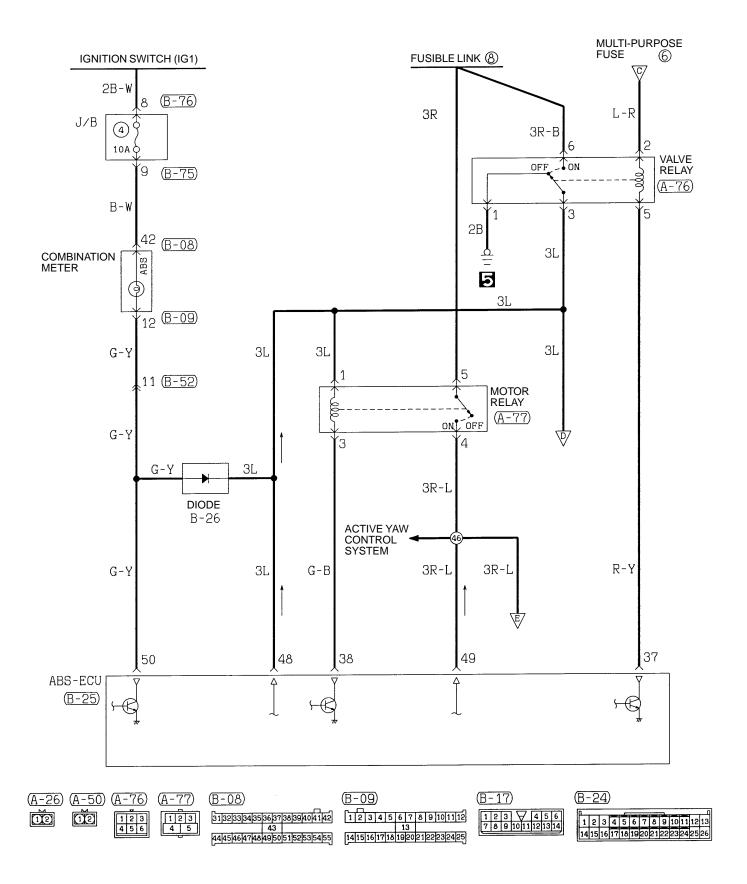
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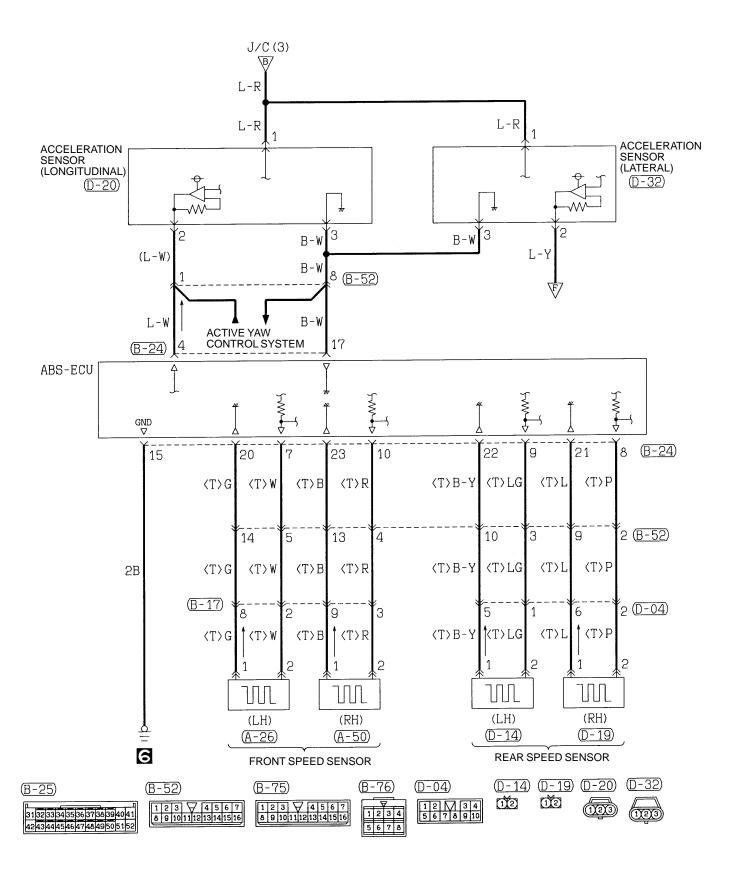
ANTI-LOCK BRAKE SYSTEM (ABS)



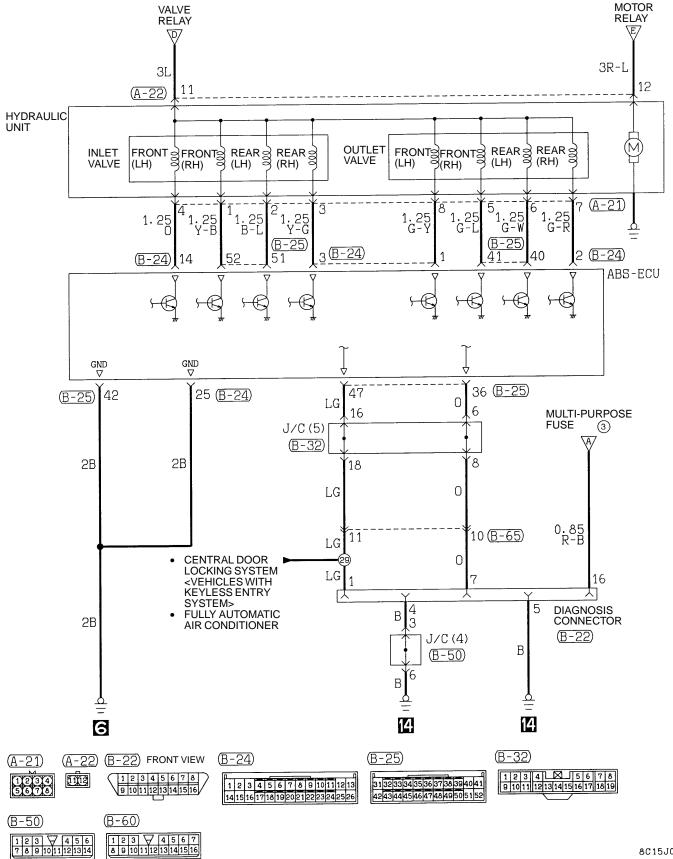


ANTI-LOCK BRAKE SYSTEM (ABS) (CONTINUED)



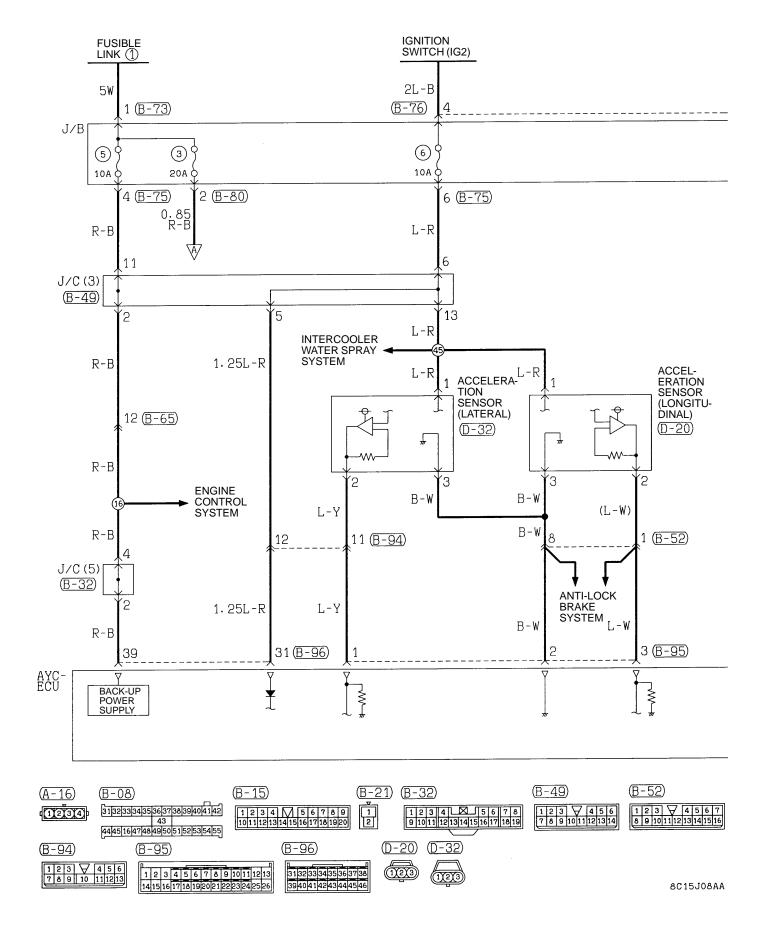


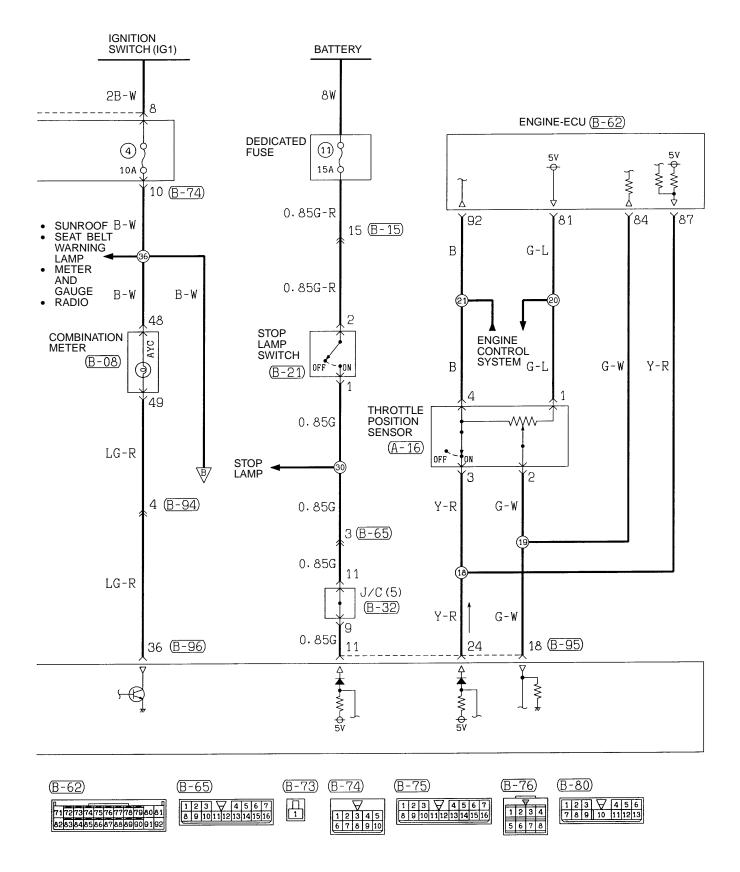
ANTI-LOCK BRAKE SYSTEM (ABS) (CONTINUED)



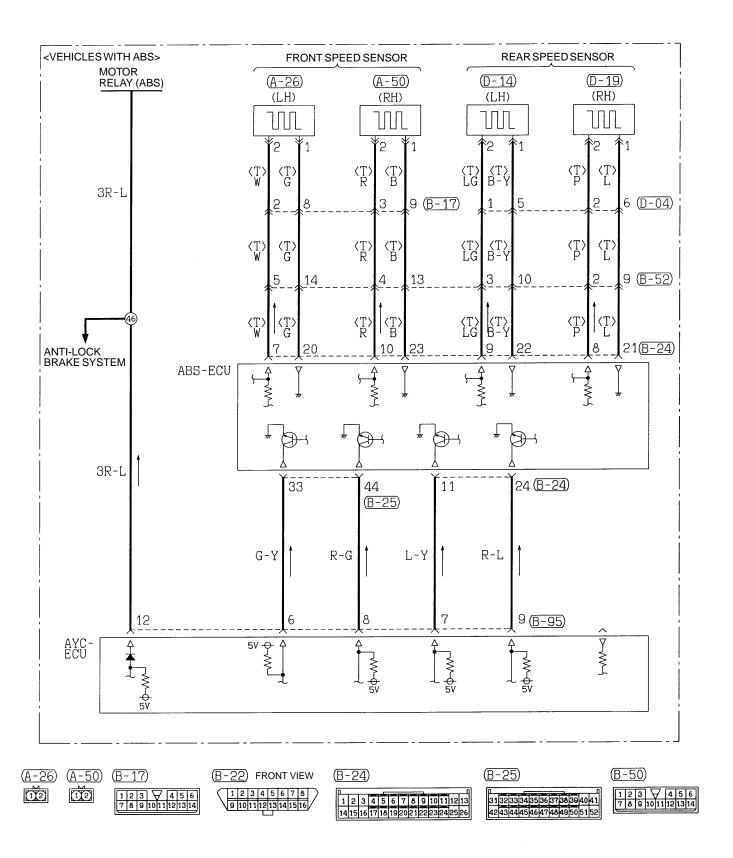
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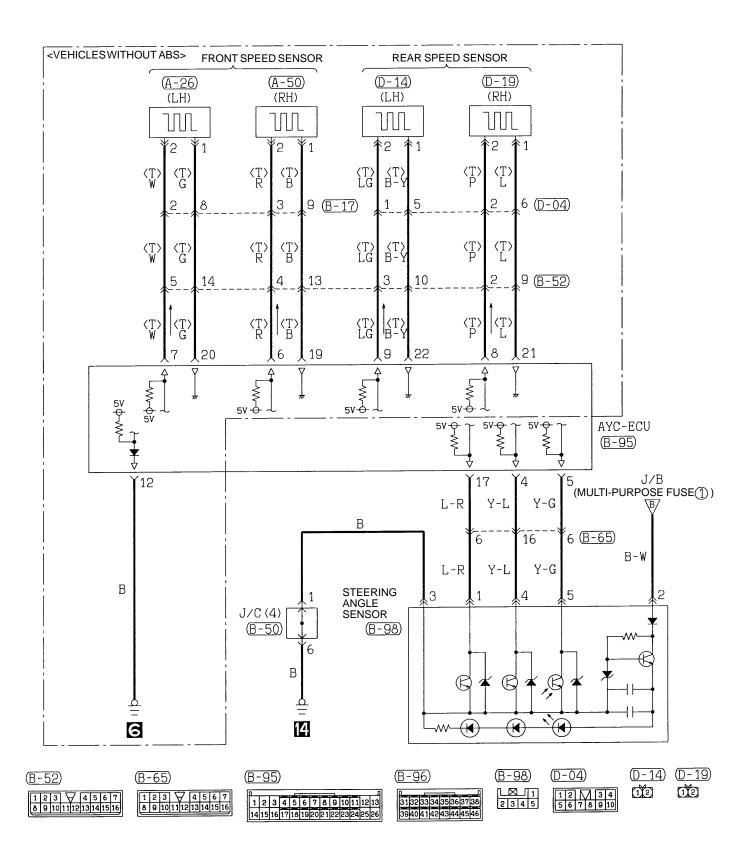
ACTIVE YAW CONTROL SYSTEM (AYC)



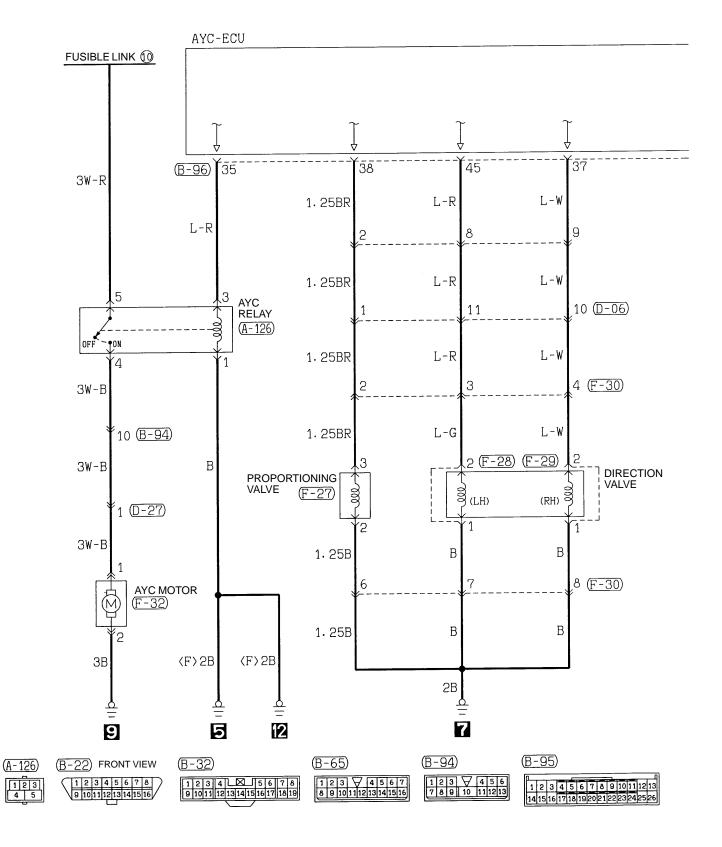


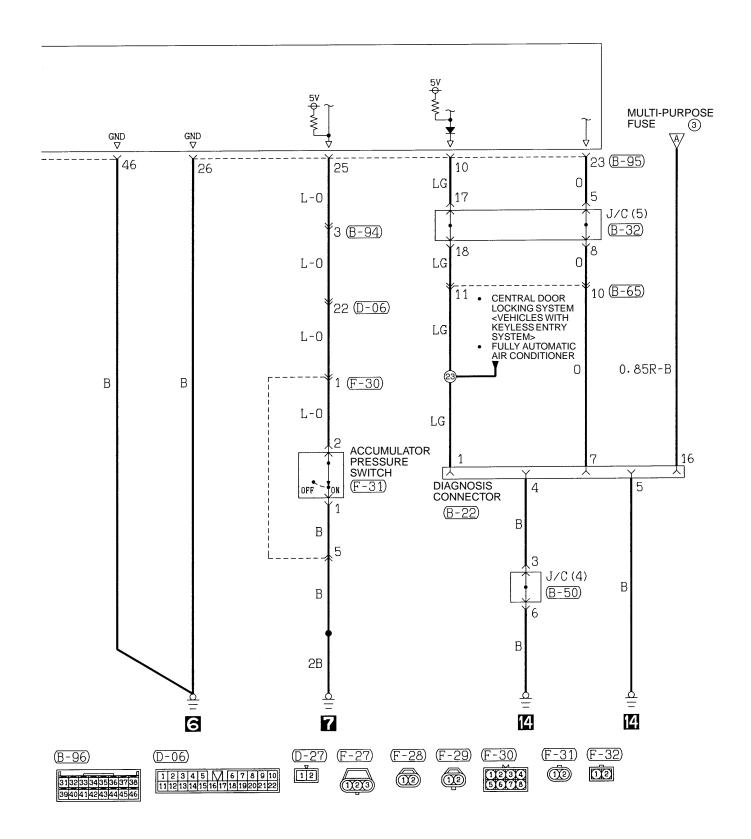
ACTIVE YAW CONTROL SYSTEM (AYC) (CONTINUED)





ACTIVE YAW CONTROL SYSTEM (AYC) (CONTINUED)





INTERCOOLER WATER SPRAY SYSTEM

