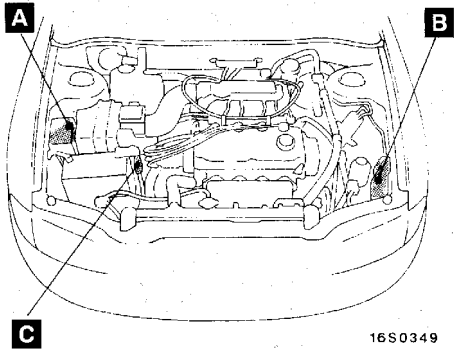


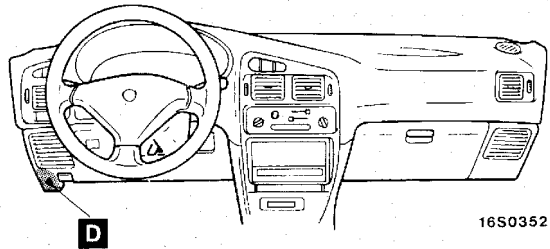
FUSIBLE LINK, FUSE AND IOD OR STORAGE CONNECTOR LOCATION

110003520

Name	Symbol	Name	Symbol
Dedicated fuse block	A	Fusible link (for ABS circuit)	C
Dedicated fuse block (air conditioning)	B	IOD or storage connector	A
Fusible link block	A	Multi-purpose fuse block	D

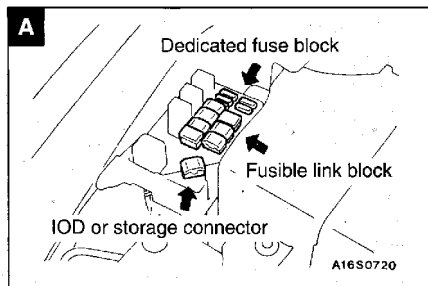


16S0349

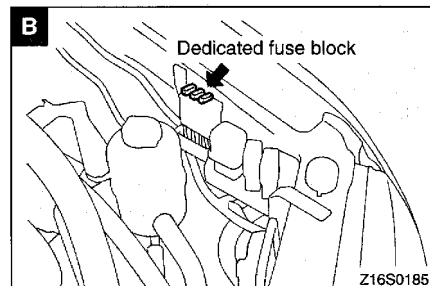


16S0352

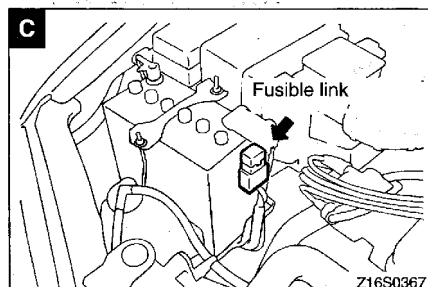
00001554



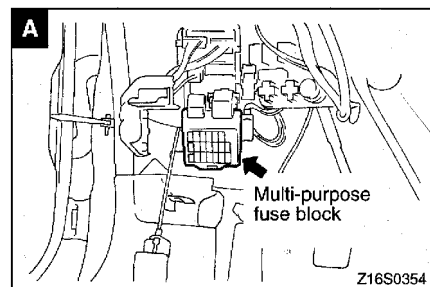
A16S0720



Z16S0185



Z16S0367

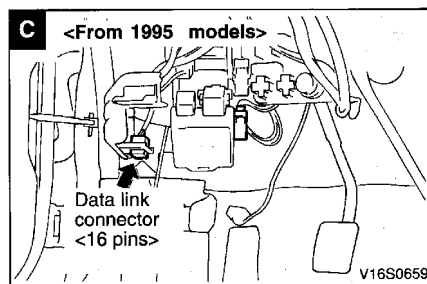
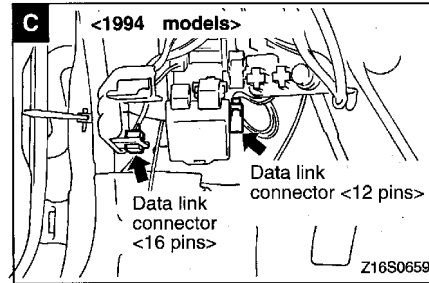
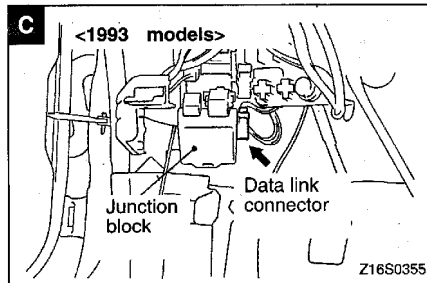
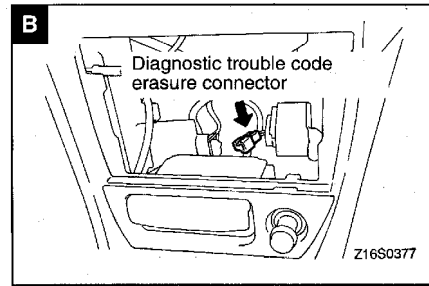
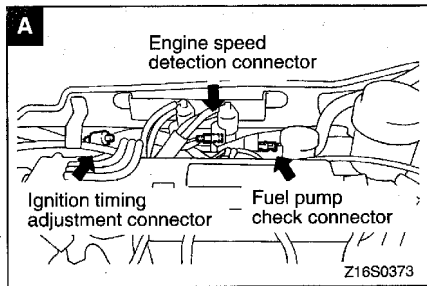
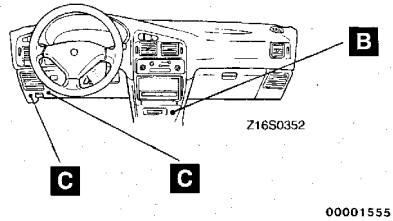
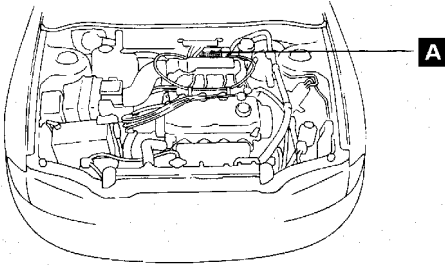


Z16S0354

INSPECTION TERMINAL LOCATION

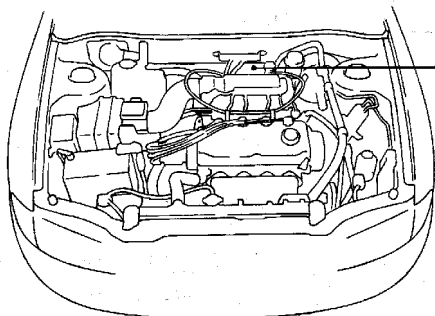
110003521

Name	Symbol	Name	Symbol
Data link connector	C	Fuel pump check connector	A
Diagnostic trouble code erasure connector <ABS>	B	Ignition timing adjustment connector	A
Engine speed detection connector	A		

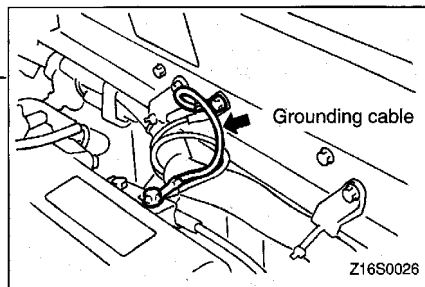


GROUNDING CABLE LOCATION

110003522

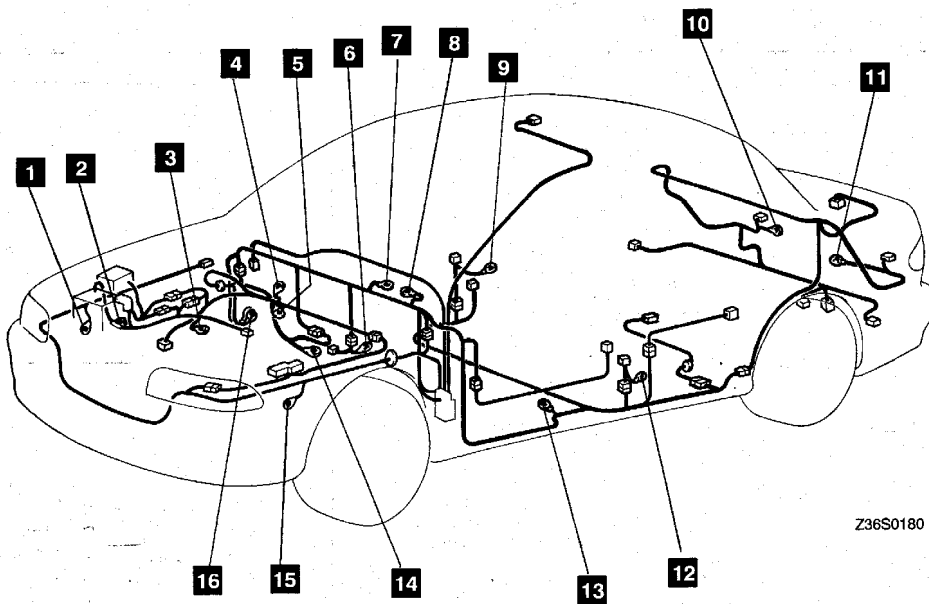


Y16S0349



GROUNDING LOCATION

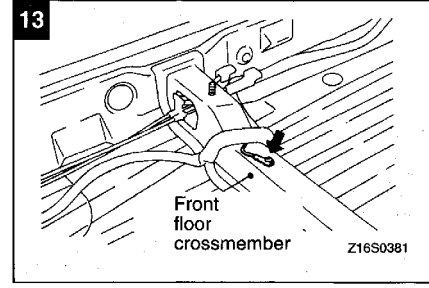
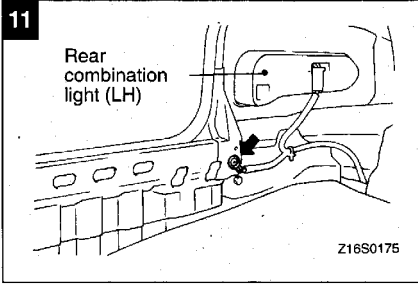
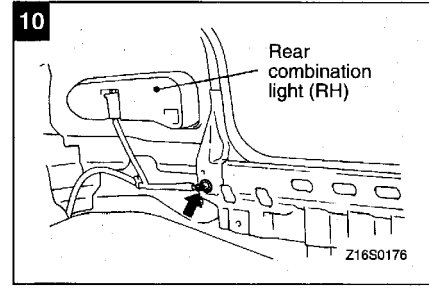
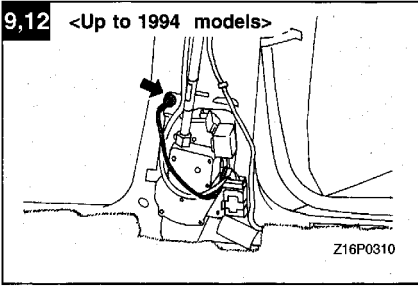
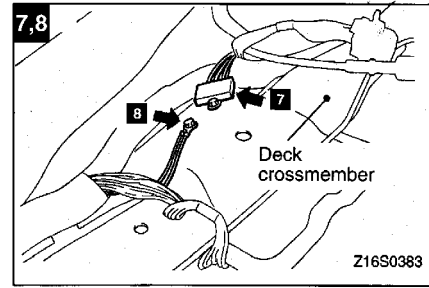
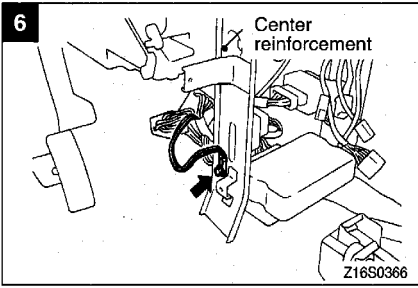
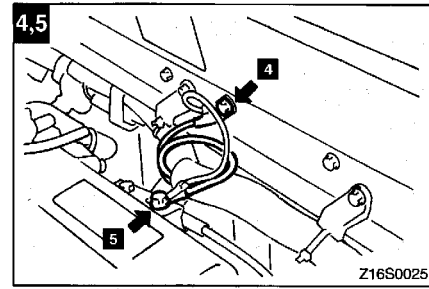
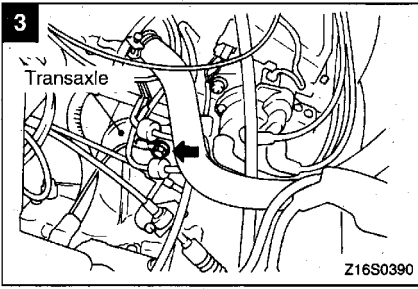
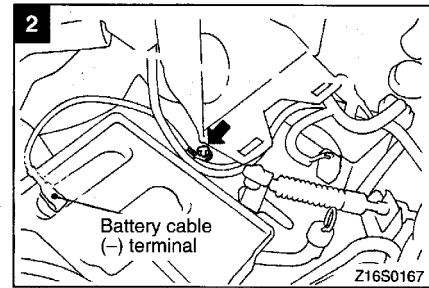
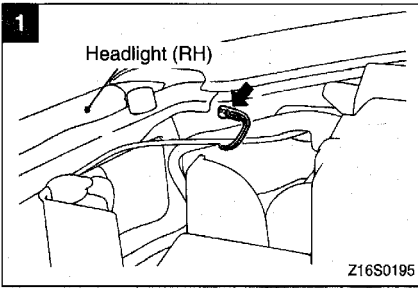
110003523



Z36S0180

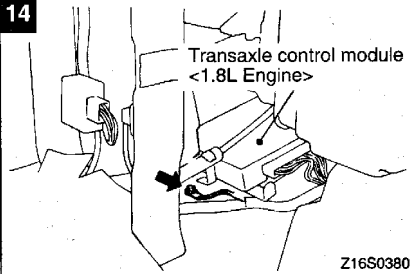
NOTE

Same ground numbers are used in the circuit diagram.



14

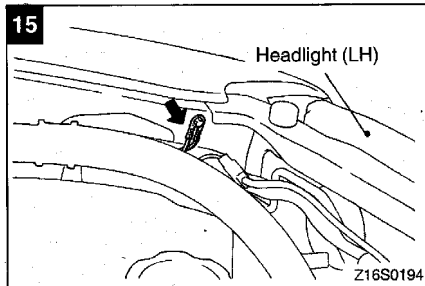
Transaxle control module
<1.8L Engine>



Z16S0380

15

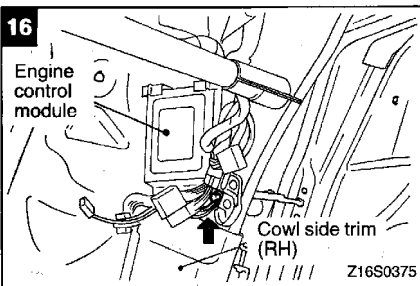
Headlight (LH)



Z16S0194

16

Engine control module



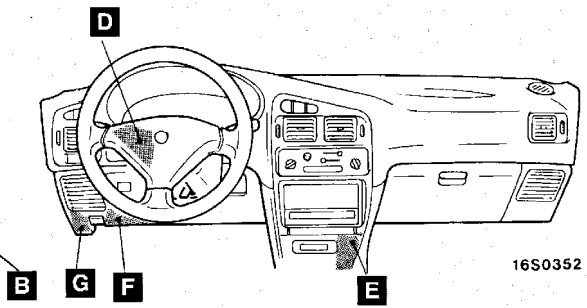
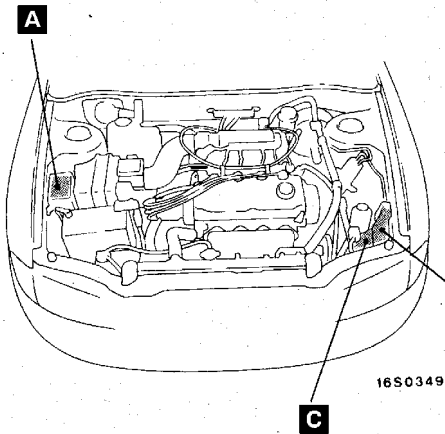
Cowl side trim
(RH)

Z16S0375

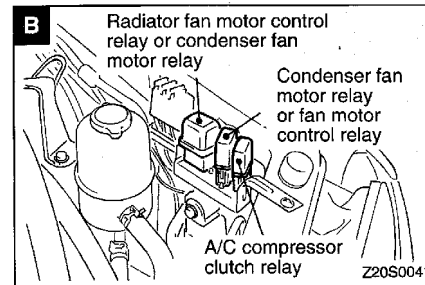
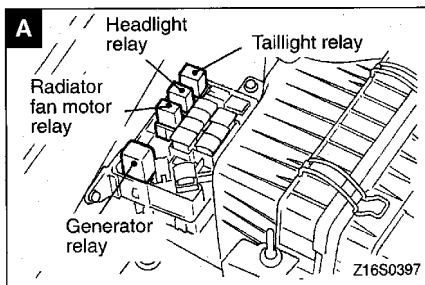
RELAY LOCATION

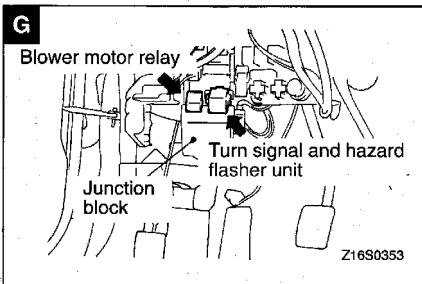
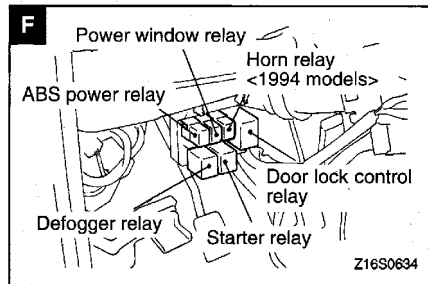
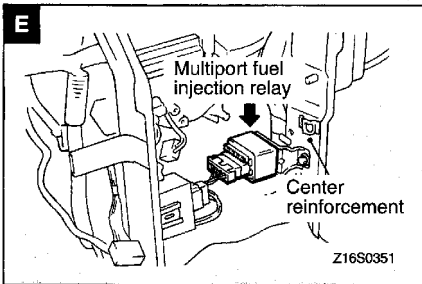
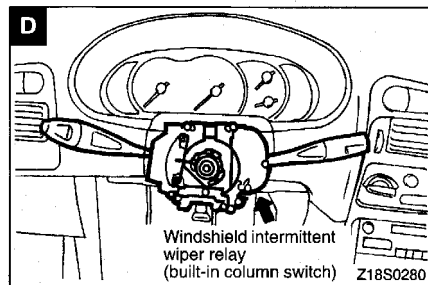
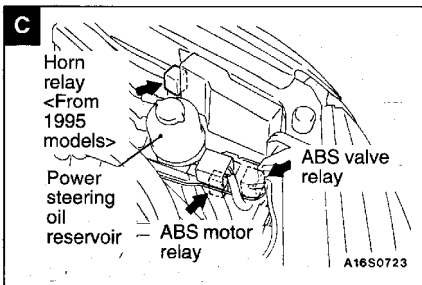
110003524

Name	Symbol	Name	Symbol
ABS motor relay	C	Horn relay <1994 models>	F
ABS power relay	F	Horn relay <From 1995 models>	C
ABS valve relay	C	Multipoint fuel injection relay	E
A/C compressor clutch relay	B	Power window relay	F
Blower motor relay	G	Radiator fan motor control relay	B
Condenser fan motor relay	B	Radiator fan motor relay	A
Defogger relay	F	Starter relay	F
Door lock control relay <1993 models>	F	Taillight relay	A
Fan motor control relay	B	Turn-signal and hazard flasher unit	G
Generator relay	A	Windshield intermittent wiper relay	D
Headlight relay	A		



00001556

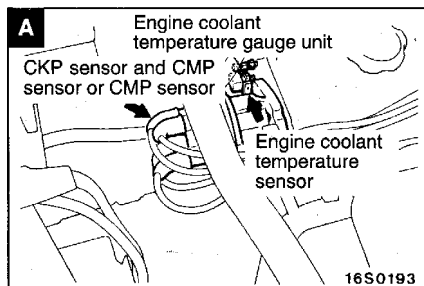
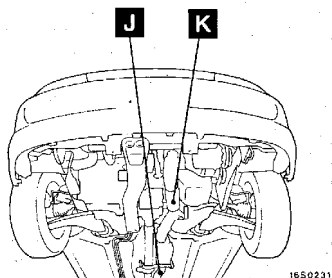
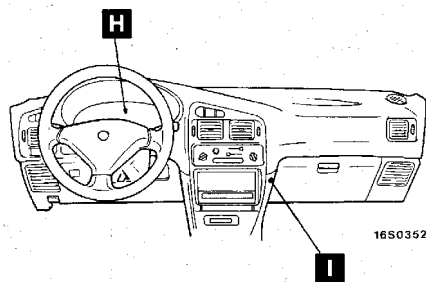
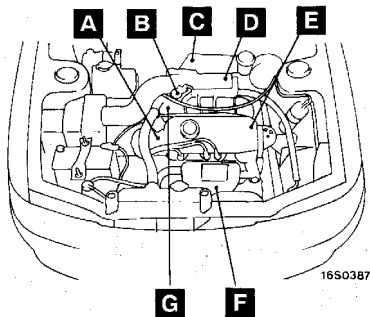


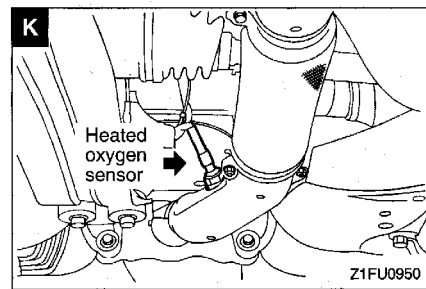
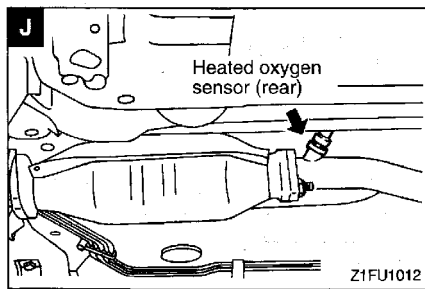
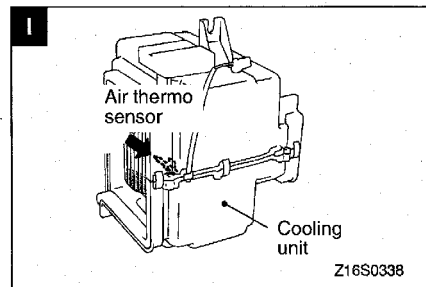
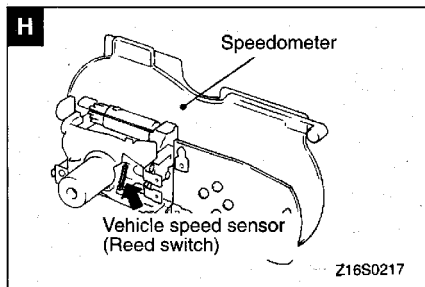
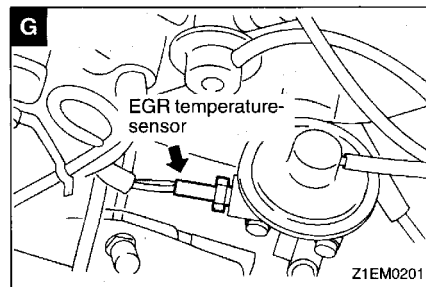
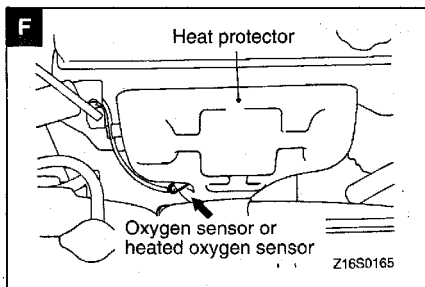
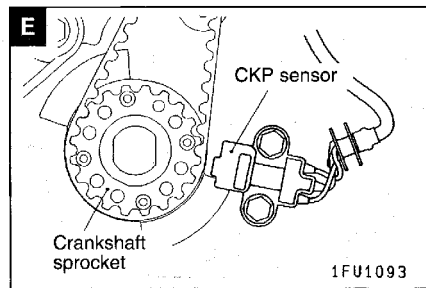
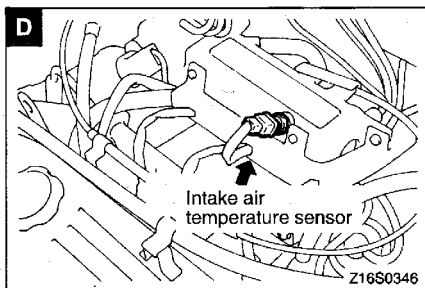
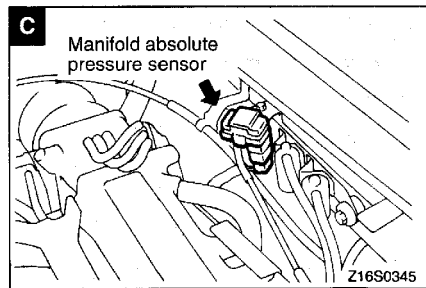
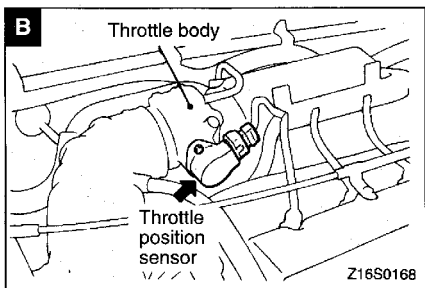


SENSOR LOCATION

<1.5L ENGINE>

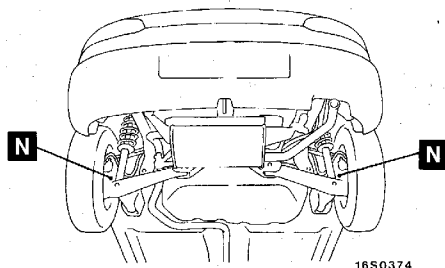
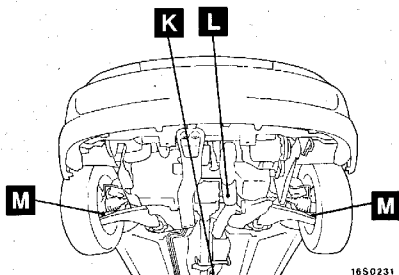
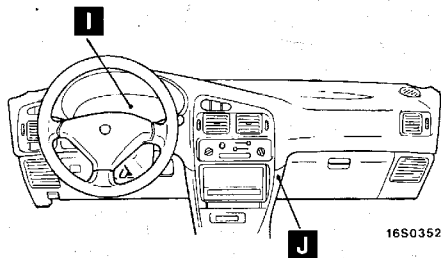
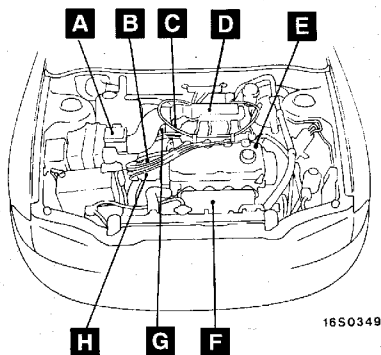
Name	Symbol	Name	Symbol
Air thermo sensor <A/C>	I	Heated oxygen sensor (rear) <Federal–From 1994 models, California– Up to 1994 models>	J
CKP sensor (crankshaft position sensor) <Federal–From 1996 models, California– From 1995 models>	E	Heated oxygen sensor (rear) <California–From 1995 models>	K
CKP sensor and CMP sensor (built-in distributor) <Federal–Up to 1995 models, California–Up to 1994 models>	A	Intake air temperature sensor	D
CMP sensor (built-in distributor) <Federal–From 1996 models, California– From 1995 models>	A	Manifold absolute pressure sensor	C
EGR temperature sensor <Federal–1994, 1995 models, California– Up to 1994 models>	G	Oxygen sensor <Federal–1993 models>	F
Engine coolant temperature sensor	A	Throttle position sensor	B
Heated oxygen sensor (front) <Federal–From 1994 models, California– Up to 1994 models>	K	Vehicle speed sensor (Reed switch)	H
Heated oxygen sensor (front) <California–From 1995 models>	F		

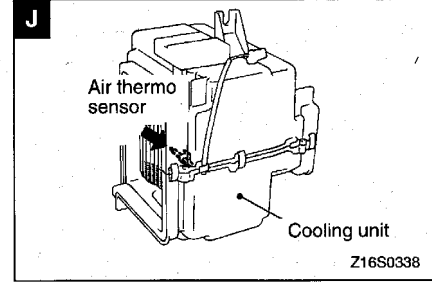
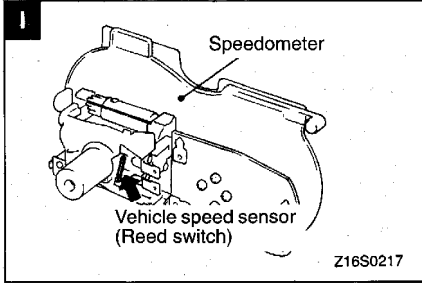
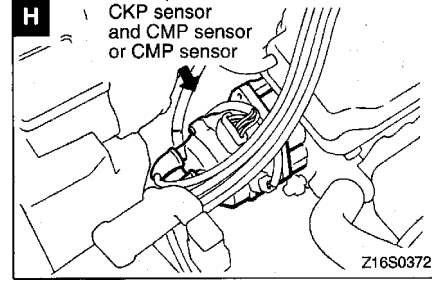
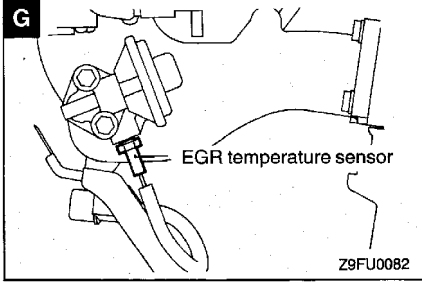
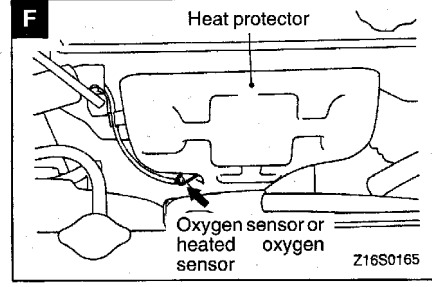
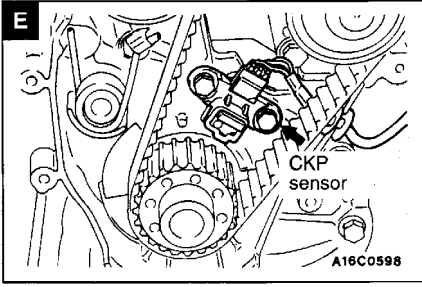
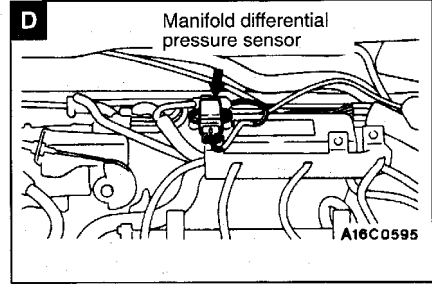
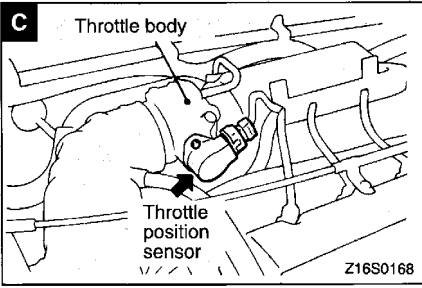
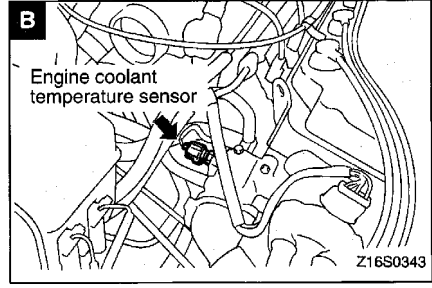
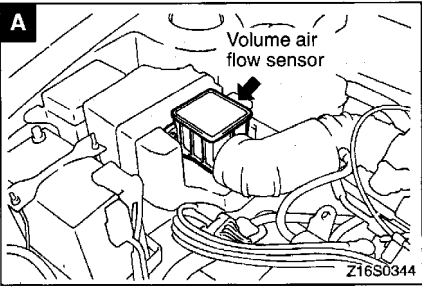


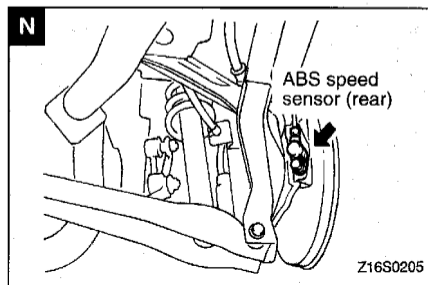
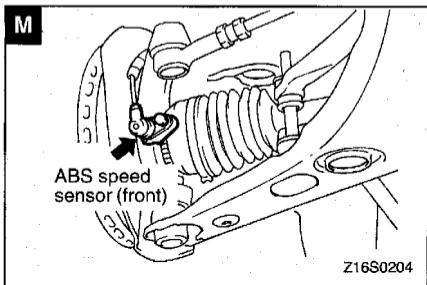
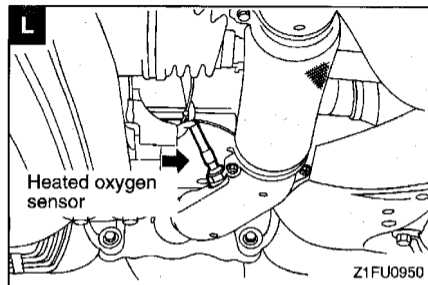
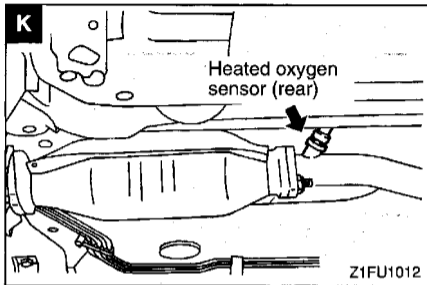


<1.8L ENGINE>

Name	Symbol	Name	Symbol
ABS speed sensor (front)	M	Heated oxygen sensor (front) <California–From 1995 models>	F
ABS speed sensor (rear)	N	Heated oxygen sensor (rear) <Federal–From 1994 models, California– Up to 1995 models>	K
Air thermo sensor <A/C>	J	Heated oxygen sensor (rear) <California–From 1995 models>	L
CKP sensor (crankshaft position sensor) <Federal–From 1996 models, California– From 1995 models>	E	Manifold differential pressure sensor <Federal–From 1996 models, California– From 1995 models>	D
CKP sensor and CMP sensor (built-in distributor) <Federal–Up to 1995 models, California–Up to 1994 models>	H	Oxygen sensor <Federal–1993 models>	F
CMP sensor (built-in distributor) <Federal–From 1996 models, California– From 1995 models>	H	Throttle position sensor	C
EGR temperature sensor <Federal–1994, 1995 models, California– Up to 1995 models>	G	Vehicle speed sensor (Reed switch)	I
Engine coolant temperature sensor	B	Volume air flow sensor (with built-in barometric pressure sensor, intake air temperature sensor)	A
Heated oxygen sensor (front) <Federal–From 1994 models, California– Up to 1995 models>	L		



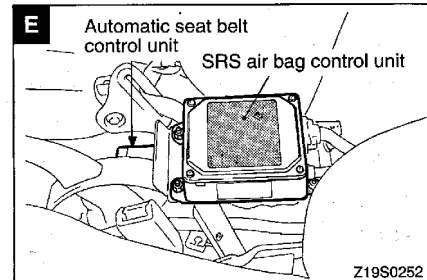
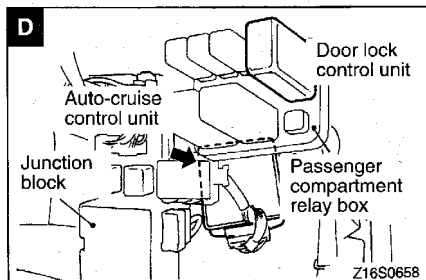
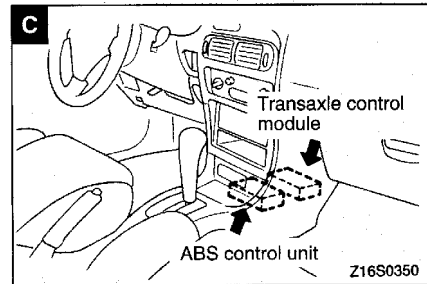
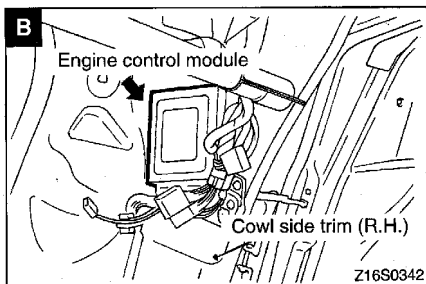
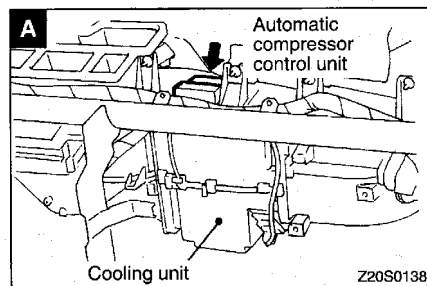
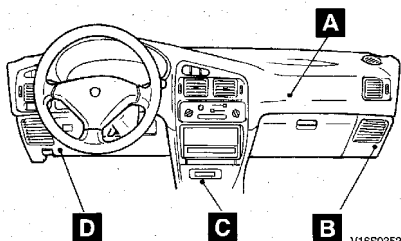




CONTROL UNIT LOCATION

110003526

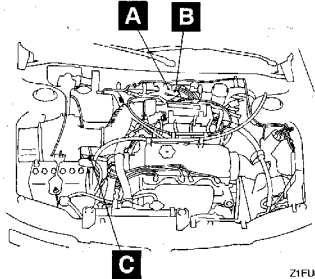
Name	Symbol	Name	Symbol
ABS control unit	C	Door lock control unit <From 1994 models>	D
Automatic compressor control unit	A	Engine control module	B
Automatic seat belt control unit <Up to 1994 models>	E	SRS air bag control unit <From 1994 models>	E
Auto-cruise control unit	D	Transaxle control module <1.8L Engine>	C



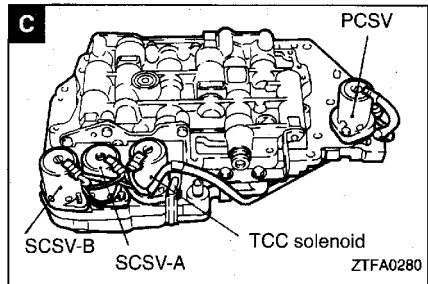
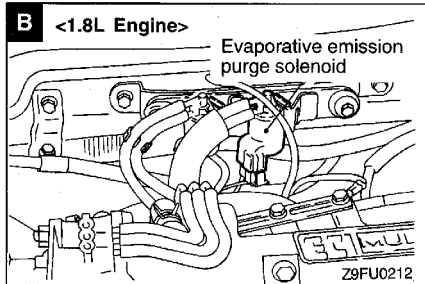
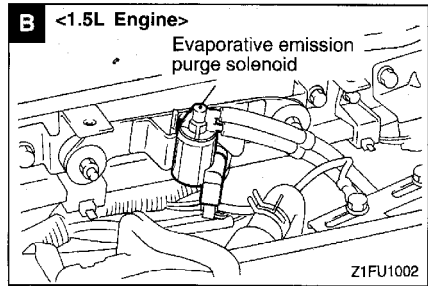
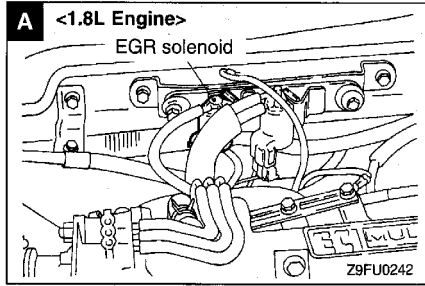
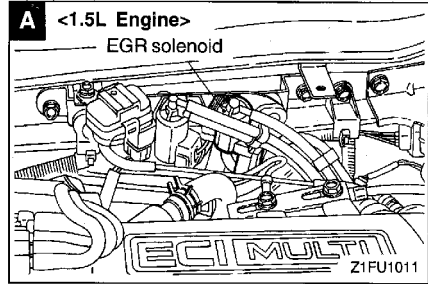
SOLENOID, SOLENOID VALVE LOCATION

110003527

Name	Symbol	Name	Symbol
EGR solenoid	A	4 A/T control solenoid valve	C
Evaporative emission purge solenoid	B		



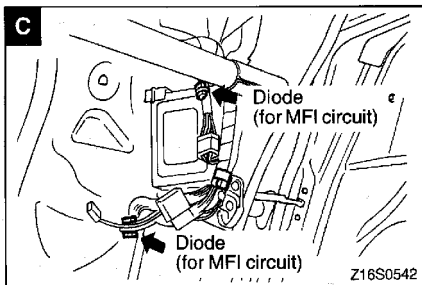
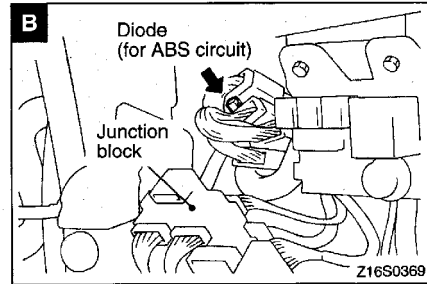
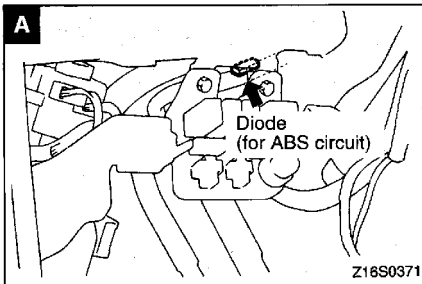
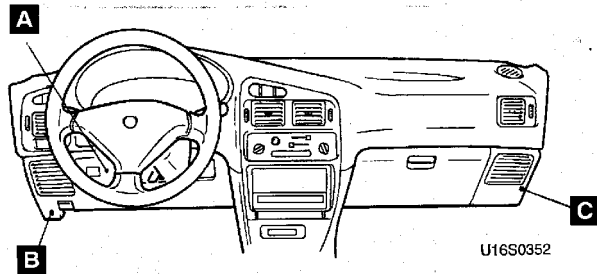
Z1FU0940



DIODE LOCATION

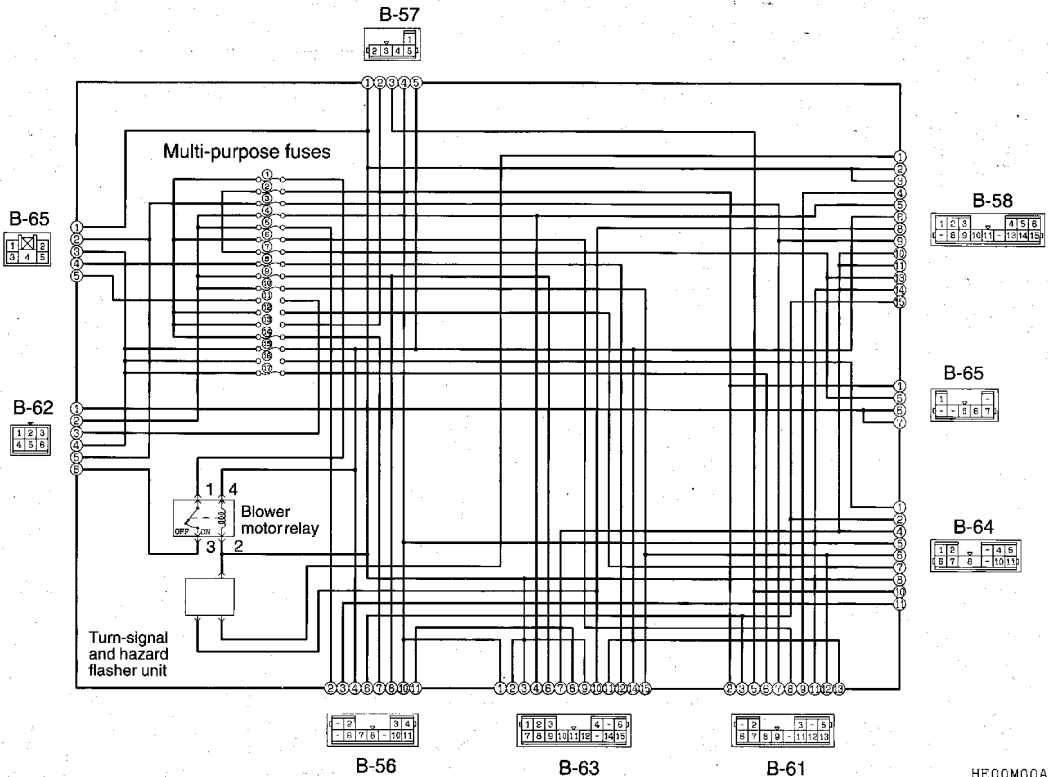
110003528

Name	Symbol	Name	Symbol
Diode (for ABS circuit)	A, B	Diode (for MFI circuit)	C



JUNCTION BLOCK

110003529

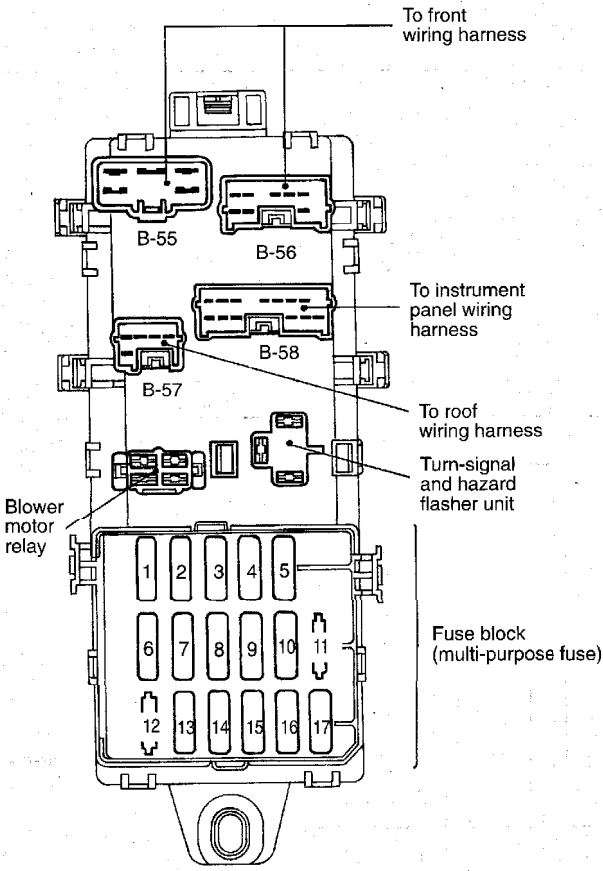


HE00M00AA

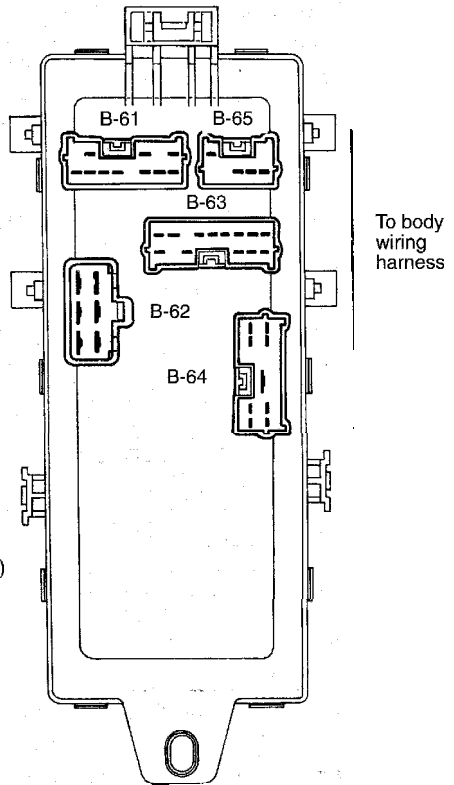
REMARK
Connector numbers are keyed to the configuration diagram (dashboard panel) and each circuit diagram.

Front

Back



Z16S0310

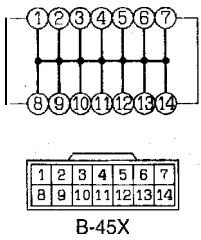


Z16S0311

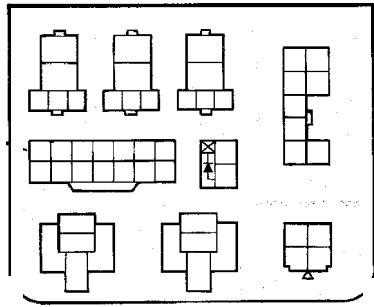
110003530

JUMPER CONNECTOR

(Relay box in passenger compartment)



Z1 35-AC-E1702-E



Z16S0309

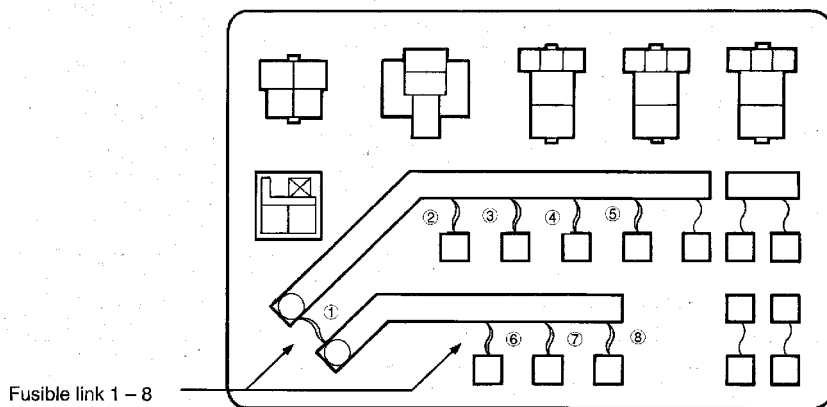
CENTRALIZED JUNCTION

110003531

FUSIBLE LINK

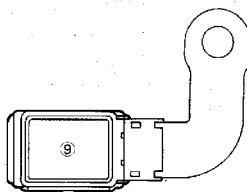
No.	Circuit	Housing color	Rated capacity (A)
1	Fusible link No. 6, 7, 8 <when the engine is stopped> and Fusible link No. 2, 3, 4, 5, 9 dedicated fuse No. 1 <after start of the engine> circuit	Black	80
2	MFI circuit	Blue	20
3	Headlight, taillight and generator circuit	Pink	30
4	Radiator fan motor, condenser fan motor and A/C compressor circuit	Pink	30
5	Ignition switch circuit	Green	40
6	Multi-purpose fuse (in the junction block) No. 1, 6, 8, 13, 14 circuit	Green	40
7	Power window circuit	Pink	30
8	Defogger circuit	Blue	20
9	ABS circuit	Yellow	60

(Relay box in engine compartment)



Z16S0162

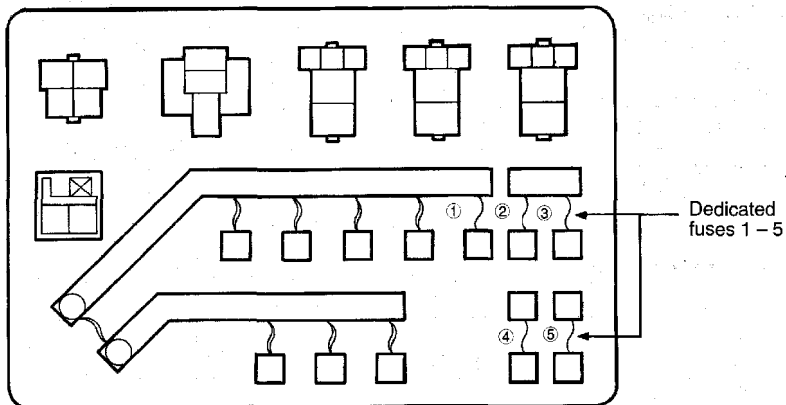
(Connected directly to battery positive terminal)



Z16S0157

DEDICATED FUSE 1–5 (Relay box in engine compartment)

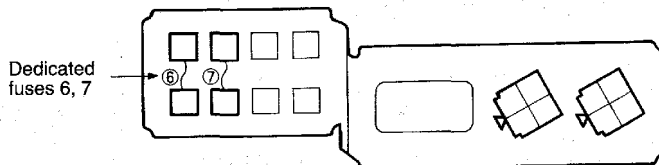
Power supply circuit	No.	Rated capacity (A)	Housing Color	Circuit
Battery	1	10	Red	Hazard light circuit
Taillight relay (Battery)	2	10	Red	Taillight and illumination circuit
	3	–	–	–
Headlight relay (Battery)	4	10	Red	Upper beam indicator circuit
Battery	5	10	Red	ABS circuit



Y16S0162

**DEDICATED FUSE 6–8 (A/C compressor clutch relay bracket in engine compartment)
<1993 models>****<1.5L ENGINE (M/T)>**

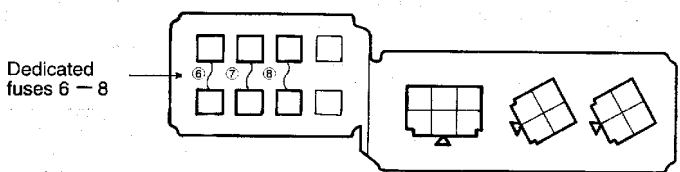
Power supply circuit	No.	Rated capacity (A)	Housing Color	Circuit
Battery	6	10	Red	A/C compressor circuit
	7	20	Yellow	Condenser fan motor circuit



Z16S0160

<1.5L ENGINE (A/T)>

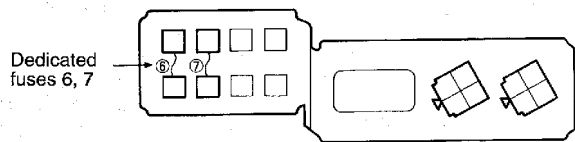
Power supply circuit	No.	Rated capacity (A)	Housing Color	Circuit
Battery	6	10	Red	A/C compressor circuit
Radiator fan motor control relay (Battery)	7	20	Yellow	Radiator fan motor circuit
Condenser fan motor control relay (Battery)	8	20	Yellow	Condenser fan motor circuit



Z16S0158

<1.8L ENGINE>

Power supply circuit	No.	Rated capacity (A)	Housing Color	Circuit
Battery	6	10	Red	A/C compressor circuit
Condenser fan motor relay (Battery)	7	25	Yellow	Condenser fan motor circuit

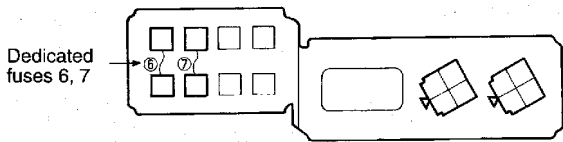


Z16S0160

DEDICATED FUSE 6, 7 (A/C compressor clutch relay bracket in engine compartment)
 <From 1994 models>

Power supply circuit	No.	Rated capacity (A)	Housing Color	Circuit
Battery	6	10	Red	A/C compressor circuit
Condenser fan motor relay (Battery)	7	20*1, 25*2	Yellow	Condenser fan motor circuit

NOTE
 *1: 1.5L engine
 *2: 1.8L engine



Z16S0160

MULTI-PURPOSE FUSE (In junction block)

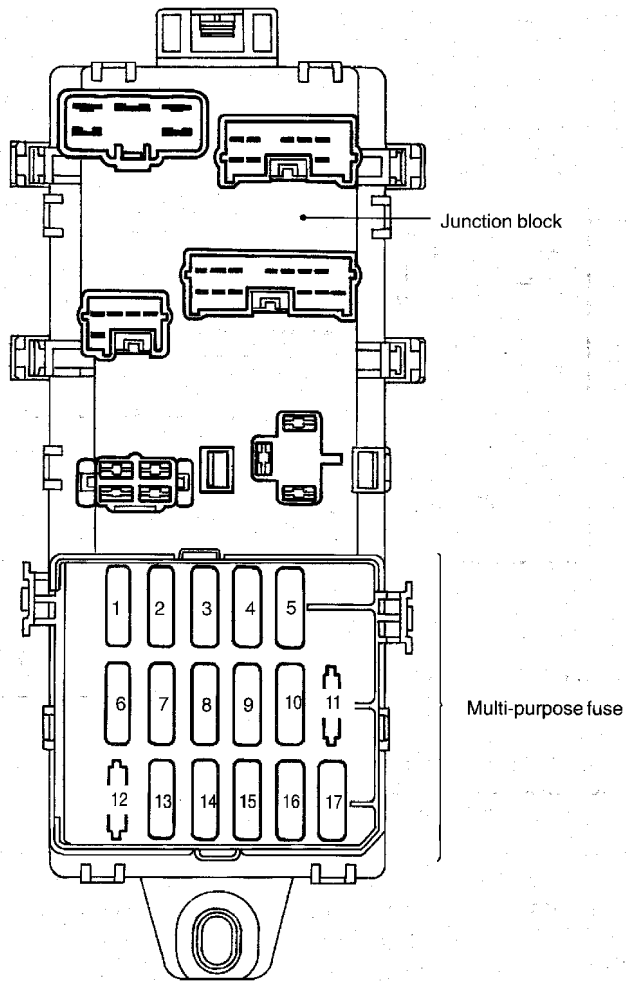
Power supply circuit	No.	Rated capacity (A)	Housing Color	Load Circuit
Battery	1	20*1 25*2	Yellow	Blower motor
Ignition switch <IG1>	2	10	Red	Back-up light, buzzer assembly and combination meter <3A/T>, SRS air bag control unit*2
	3	10	Red	Combination meter, buzzer assembly and auto-cruise control main switch
Ignition switch <ACC>	4	15	Blue	Cigarette lighter and remote controlled mirror
	5	10	Red	Clock, radio and tape player and auto-cruise control unit
Battery	6	15	Blue	Stop light
Ignition switch <IG1>	7	10	Red	Turn signal and hazard flasher unit, SRS air bag control unit*2
Battery	8	15*1 20*2	Blue	Door lock control relay*1, door lock control unit*2
Ignition switch <ACC>	9	10	Red	Horn
	10	15*1 20*2	Blue	Wiper and washer motor
–	11	–	–	–
Battery	12	–	–	–
	13	–	–	–
	14	10	Red	Dome light, luggage compartment light, clock, radio and tape player, combination meter, door lock control relay*1, engine control module, transaxle control module
Ignition switch <IG2>	15	10	Red	Blower motor relay, defogger relay, power window relay, automatic compressor control unit, ABS power relay, ABS valve relay, buzzer assembly, auto-cruise control unit and automatic seat belt control unit*3
	16	–	–	–
	17	10	Red	Combination meter <4A/T> and transaxle control module

NOTE

*1: 1993 models

*2: From 1994 models

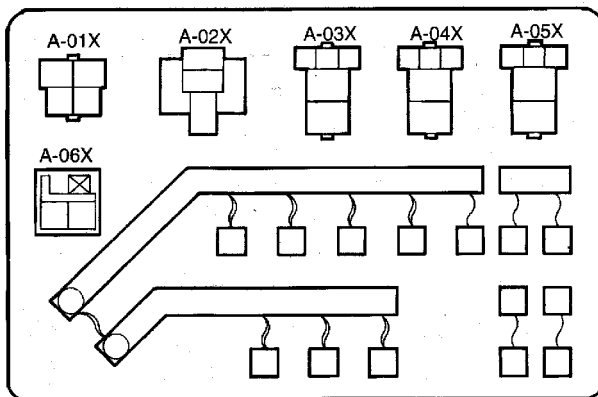
*3: Up to 1994 models



CENTRALIZED RELAY

(Relay box in engine compartment)

Connector No.	Name	Connector No.	Name
A-01X	Generator relay	A-04X	Headlight relay
A-02X		A-05X	Taillight relay
A-03X	Radiator fan motor relay	A-06X	IOD or storage connector



X16S0162

(A/C compressor clutch relay bracket in engine compartment)

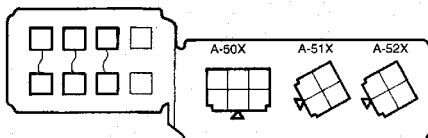
Connector No.	Name	Connector No.	Name
A-50X	Radiator fan motor control relay ^{*1}	A-51X	Condenser fan motor relay
	Condenser fan motor relay ^{*2}	A-52X	A/C compressor clutch relay

NOTE

*1: 1.5L engine <A/T>–1993 models and 1.5L engine–From 1994 models

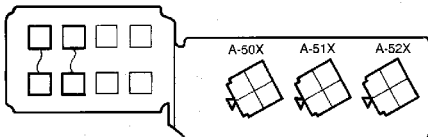
*2: 1.8L engine

<1.5L engine–1993 models>



Y16S0158

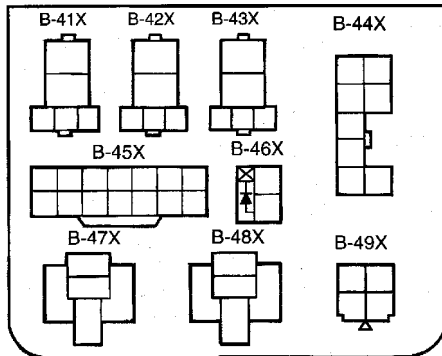
<1.8L engine and 1.5L engine –From 1994 models>



Y16S0541

(Relay box in passenger compartment)

Connector No.	Name	Connector No.	Name
B-41X	ABS power relay	B-46X	–
B-42X	Power window relay	B-47X	Defogger relay
B-43X	Horn relay <1994 models>	B-48X	Starter relay
B-44X	Door lock control relay <1993 models> Door lock control unit <From 1994 models>	B-49X	–
B-45X	J/C (for earth circuit)		



HARNESS CONNECTOR INSPECTION

110000779

CONNECTOR CONTINUITY AND VOLTAGE TEST

Follow the steps below to avoid causing poor connector contact and/or reduced waterproof performance of waterproof connectors when checking continuity and/or voltage at connectors.

- (1) If checking is performed with the circuit in the state of continuity, be sure to use the special tool (harness connector).

Never insert a test bar from the harness side, because to do so will reduce the waterproof performance and result in corrosion.

- (2) If the connectors are disconnected to check the female pin, use the harness intended for checking the contact pressure of the connector pin.

Never force the insertion of a test bar, because to do so will cause poor or improper contact.

- (3) When checking the male pin, contact the test bar directly to the pins.

Care must be taken not to short-circuit the connector pins.

TERMINAL ENGAGEMENT CHECK

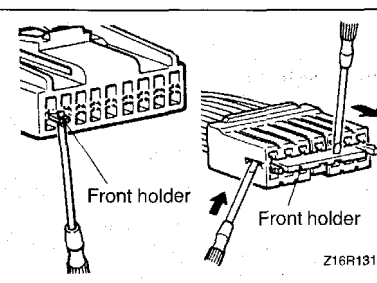
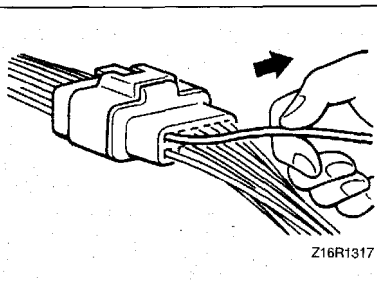
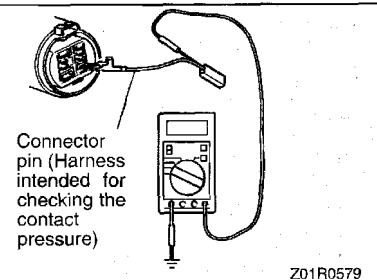
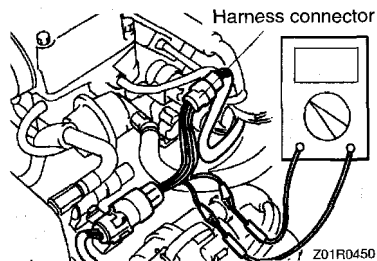
When the terminal stopper of connector is out of order, engagement of male and female terminals becomes improper even when the connector itself is engaged perfectly and the terminal sometimes slips out to the rear side of connector. Ascertain, therefore, that each terminal does not come off the connector by pulling each harness wire.

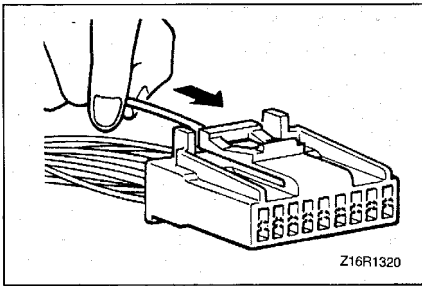
CONNECTOR TERMINAL ENGAGEMENT AND DISENGAGEMENT

Connectors which are loose shall be rectified by removing the female terminal from connector housing and raising its lance to establish a more secure engagement. Removal of connector terminal used for MFI and 4 A/T control circuit shall be done in the following manner.

COMPUTER CONNECTOR

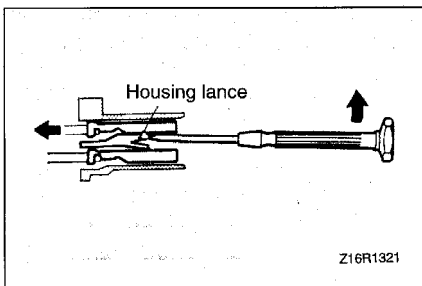
- (1) Insert screwdriver [1.4 mm (.06 in.) width] as shown in the figure, disengage front holder and remove it.





Z16R1320

- (2) Insert harness of terminal to be rectified deep into connector from harness side and hold it there.

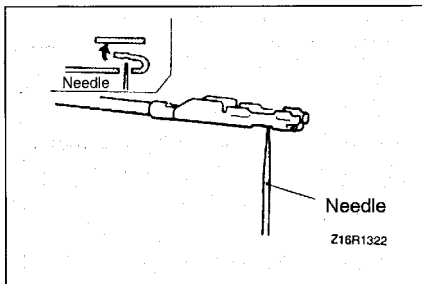


Z16R1321

- (3) Insert tip of screwdriver [1.4 mm (.06 in.) width] into connector in a manner as shown in the figure, raise housing lance slightly with it and pull out harness.

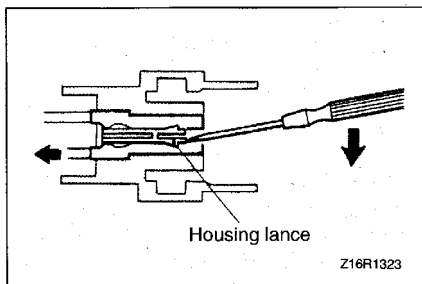
Caution

Tool No. 753787-1 supplied by AMP can be used instead of screwdriver.



Z16R1322

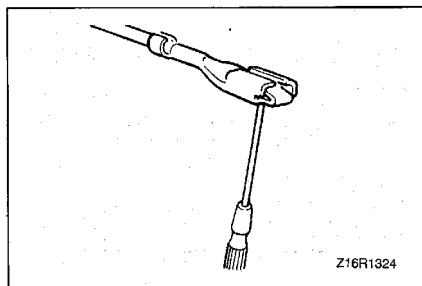
- (4) Insert needle through a hole provided on terminal and raise contact point of male terminal.



Z16R1323

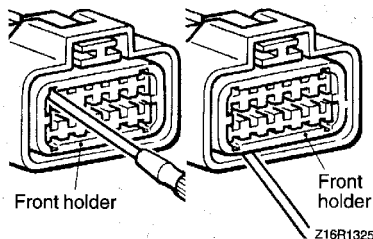
ROUND WATERPROOF CONNECTOR

- (1) Remove waterproof cap by using a screwdriver.
 (2) Insert tip of screwdriver [1.4 mm (.06 in.) or 2.0 mm (.08 in.) width] into connector in a manner as shown in the figure, raise housing lance slightly with it and pull out harness.

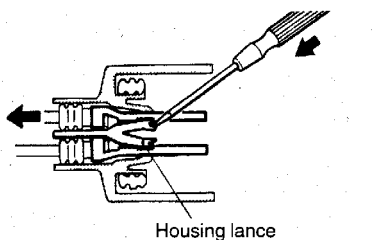


Z16R1324

- (3) Insert screwdriver through a hole provided on terminal and raise contact point of male terminal.

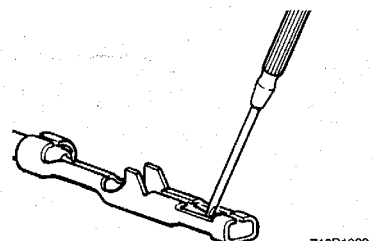
**RECTANGULAR WATERPROOF CONNECTOR**

- (1) Disengage front holder by using a screwdriver and remove it.

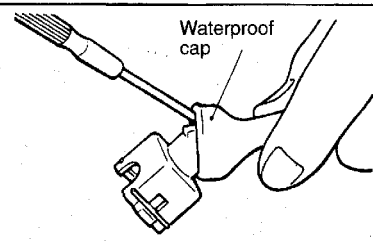


- (2) Insert tip of screwdriver [*0.8 mm (.03 in.) width] into connector in a manner as shown in the figure, push it lightly to raise housing lance and pull out harness.

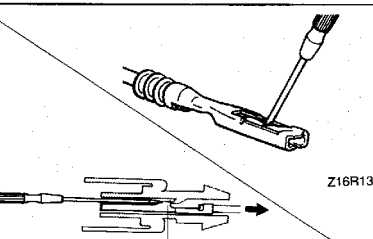
*If right size screwdriver is not available, convert a conventional drive to suit the size.



- (3) Press contact point of male terminal down by holding a screwdriver [1.4 mm (.06 in.) width] in a manner as shown in the figure.

**INJECTOR CONNECTOR**

- (1) Remove waterproof cap.



- (2) Insert tip of screwdriver [1.4 mm (.06 in.) width] into connector in a manner as shown in the figure, press in terminal lance and pull out harness.

- (3) Press contact point of male terminal down by holding a screwdriver [1.4 mm (.06 in.) width] in a manner as shown in the figure.

Caution

Ensure that lance is in proper condition before terminal is inserted into connector.

HOW TO DIAGNOSE

110000780

The most important point in troubleshooting is to determine "Probable Causes". Once the probable causes are determined, parts to be checked can be limited to those associated with such probable causes. Therefore, unnecessary checks can be eliminated. The determination of the probable causes must be based on a theory and be supported by facts and must not be based on intuition only.

TROUBLESHOOTING STEPS

If an attempt is made to solve a problem without going through correct steps for troubleshooting, the problem symptoms could become more complicated, resulting in failure to determine the causes correctly and making incorrect repairs. The four steps below should be followed in troubleshooting.

1 Observation of Problem Symptoms

Observe the symptom carefully.
Check if there are also other problems.



2 Determination of Probable Causes

In determining the probable causes, it is necessary to check the wiring diagram to understand the circuit as a system. Knowledge of switches, relays and other parts is necessary for accurate determination. The causes of similar problems in the past must be taken into account.



3 Checking of Parts Associated with Probable Causes and Determination of Faulty Parts

Troubleshooting is carried out by making step by step checks until the true cause is found. Always go through the procedures considering what check is to be made where for the best results.



4 Repair and Confirmation

After the problems are corrected, be sure to check that the system operates correctly. Also, check that new problems have not been caused by the repair.

INFORMATION FOR DIAGNOSIS

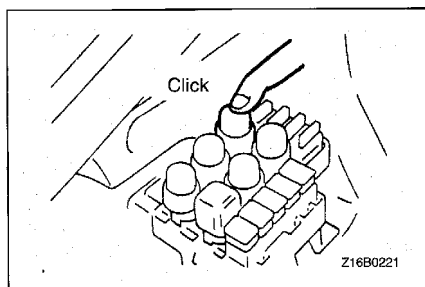
This manual contains the cable diagrams as well as the individual circuit drawings, operational explanations, and troubleshooting hints for each component required to facilitate the task of troubleshooting. The information is compiled in the following manner:

- (1) Cable diagrams show the connector positions, etc., on the actual vehicle as well as the harness path.
- (2) Circuit drawings show the configuration of the circuit with all switches in their normal positions.
- (3) Operational explanations include circuit drawings of voltage flow when the switch is operated and how the component operates in reaction.
- (4) Troubleshooting hints include numerous examples of problems which might occur, traced backward in a common-sense manner to the origin of the trouble.

Problems whose origins may not be found in this manner are pursued through the various system circuits.

NOTE

Components of MFI, ETACS, ECS, etc. with electronic control unit do not include 3 and 4 above. For this information, refer to a manual which includes details of these components.

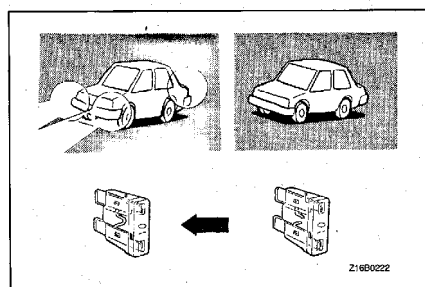


INSPECTION

110000781

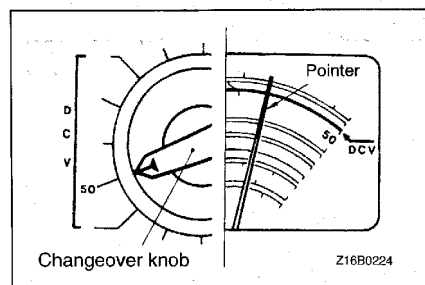
1. Visual and aural checks

Check relay operation, blower motor rotation, light illumination, etc. visually or aurally. The flow of current is invisible but can be checked by the operation of the parts.



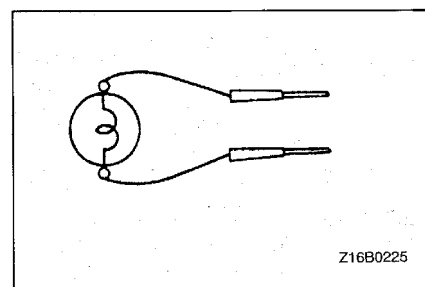
2. Simple checks

For example, if a headlight does not come on and a faulty fuse or poor grounding is suspected, replace the fuse with a new one or ground the light to the body by a jumper wire to determine which part is responsible for the problem.



3. Checking with instruments

Use an appropriate instrument in an adequate range and read the indication correctly. You must have sufficient knowledge and experience to handle instruments correctly.



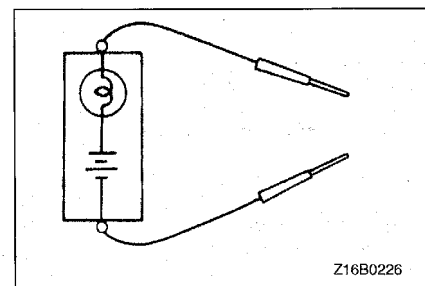
INSPECTION INSTRUMENTS

110000782

In inspection, make use of the following instruments.

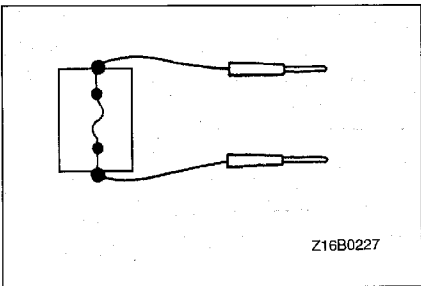
1. Test lights

A test light consists of a 12V bulb and lead wires. It is used to check voltages or short-circuits.



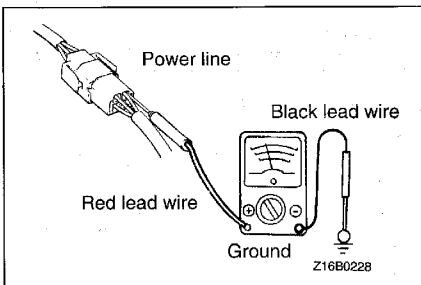
2. Self-power test light

A self-power test light consists of a bulb, battery and lead wires connected in series. It is used to check continuity or grounding.



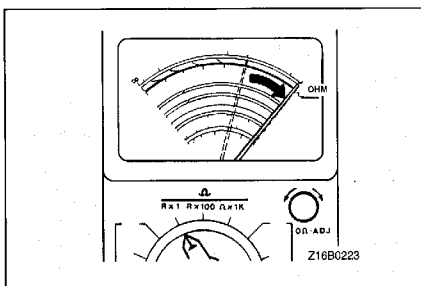
3. Jumper wire

A jumper wire is used to close an open circuit. Never use one to connect a power supply directly to a load.



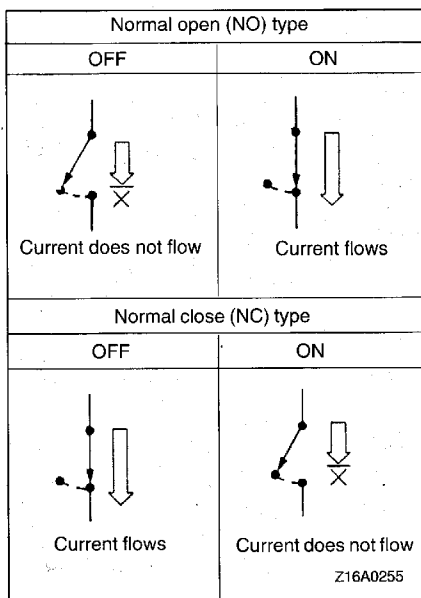
4. Voltmeter

A voltmeter is used to measure the circuit voltage. Normally, the positive (red lead) probe is applied to the point of voltage measurement and the negative (black lead) probe to the body ground.



5. Ohmmeter

An ohmmeter is used to check continuity or measure resistance of a switch or coil. If the measuring range has been changed, the zero point must be adjusted before measurement.



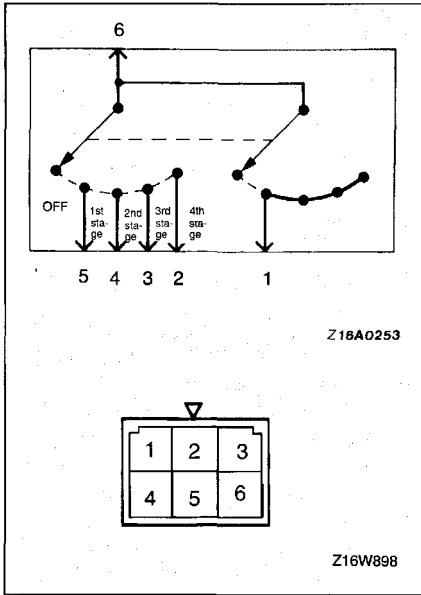
CHECKING SWITCHES

110000783

In a circuit diagram, a switch is represented by a symbol and in the idle state.

1. Normal open or normal close switch

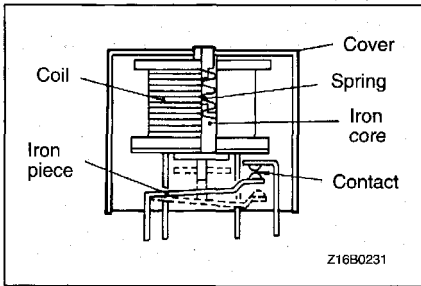
Switches are classified into those which make the circuit open and those which make the circuit closed when off.



2. SWITCH CONNECTION

This figure illustrates a complex switch. The continuity between terminals at each position is as indicated in the table below.

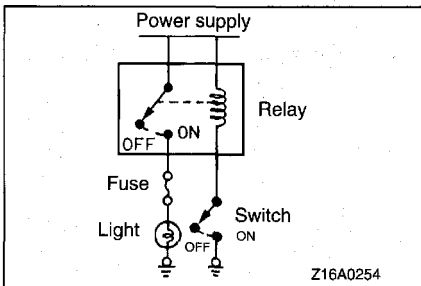
Position	Terminal No.					
	1	2	3	4	5	6
OFF						
1st stage	○				○	○
2nd stage	○			○		○
3rd stage	○		○			○
4th stage	○	○				○



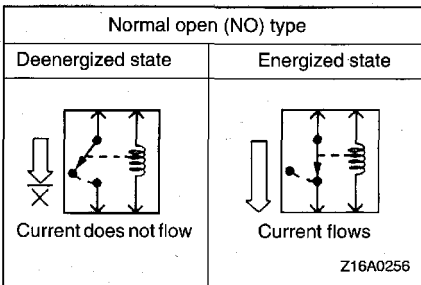
CHECKING RELAYS

110000784

1. When current flows through the coil of a relay, its core is magnetized to attract the iron piece, closing (ON) the contact at the tip of the iron piece. When the coil current is turned off, the iron piece is made to return to its original position by a spring, opening the contact (OFF).



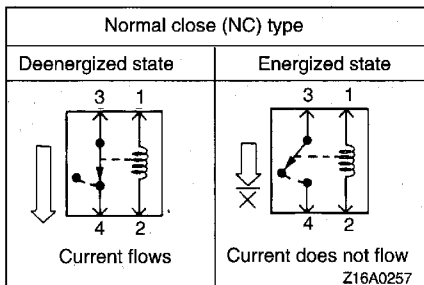
2. By using a relay, a heavy current can be turned on and off by a switch of small capacity. For example, in the circuit shown here, when the switch is turned on (closed), current flows to the coil of the relay. Then, its contact is turned on (closed) and the light comes on. The current flowing at this time to the switch is the relay coil current only and is very small.



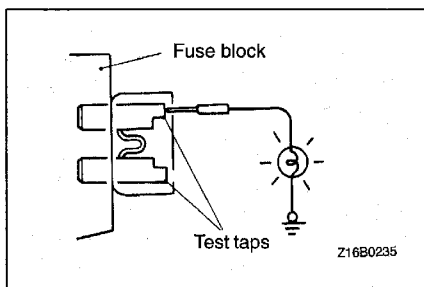
3. The relays may be classified into the normal open type and the normal close type by their contact construction.

NOTE

The deenergized state means that no current is flowing through the coil and the energized state means that current is flowing through the coil.



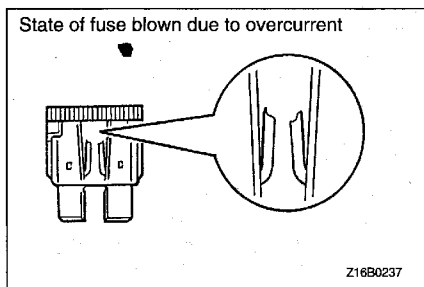
When a normal close type relay as illustrated here is checked, there should be continuity between terminals (1) and (2) and between terminals 3 and 4 when the relay is deenergized, and the continuity should be lost between terminals 3 and 4 when the battery voltage is applied to the terminals 1 and 2. A relay can be checked in this manner and it cannot be determined if a relay is okay or faulty by checking its state only when it is deenergized (or energized).



CHECKING FUSES

110000785

A blade type fuse has test taps provided to allow checking of the fuse itself without removing it from the fuse block. The fuse is okay if the test light comes on when its one lead is connected to the test taps (one at a time) and the other lead is grounded. (Change the ignition switch position adequately so that the fuse circuit becomes live.)



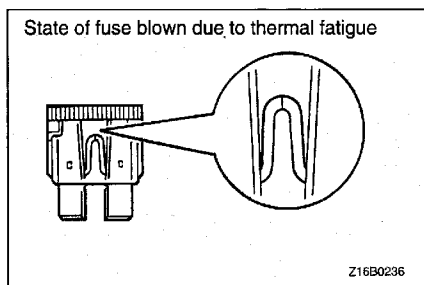
CAUTIONS IN EVENT OF BLOWN FUSE

When a fuse is blown, there are two probable causes as follows: One is that it is blown due to flow of current exceeding its rating.

The other is that it is blown due to repeated on/off current flowing through it. Which of the two causes is responsible can be easily determined by visual check as described below.

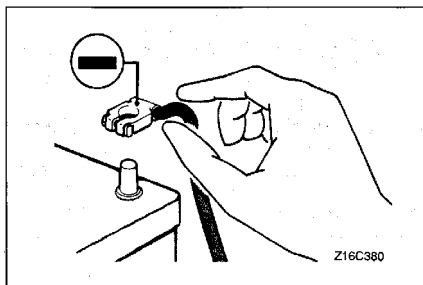
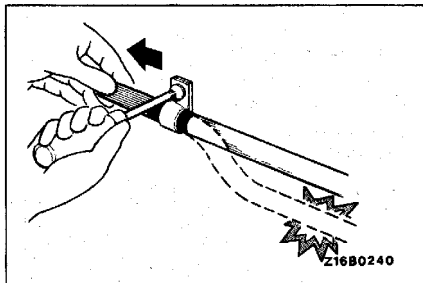
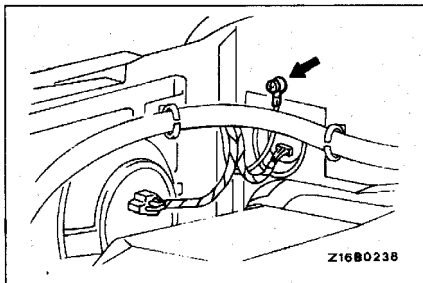
(1) Fuse blown due to current exceeding rating

The illustration shows the state of a fuse blown due to this cause. In this case, do not replace the fuse with a new one hastily since a current heavy enough to blow the fuse has flowed through it. First, check the circuit for shorting and check for abnormal electric parts. Only after the correction of such shorting or parts, fuse of the same capacity should be used as a replacement. Never use a fuse of larger capacity than the one that has blown. If such a fuse is used, electric parts or wirings could be damaged before the fuse blows in the event an overcurrent occurs again.



(2) Fuse blown due to repeated current on/off

The illustration shows the state of a fuse blown due to repeated current on/off. Normally, this type of problem occurs after fairly long period of use and hence is less frequent than the above type. In this case, you may simply replace with a new fuse of the same capacity.



CHECKING CABLES AND WIRES

110000786

1. Check connections for looseness, rust and stains.
2. Check terminals and wires for corrosion by battery electrolyte, etc.
3. Check terminals and wires for open circuit or impending open circuit.
4. Check wire insulation and coating for damage, cracks and degrading.
5. Check conductive parts of terminals for contact with other metallic parts (vehicle body and other parts).
6. Check grounding parts to verify that there is complete continuity between attaching bolt(s) and vehicle body.
7. Check for incorrect wiring.
8. Check that wirings are so clamped as to prevent contact with sharp corners of the vehicle body, etc. or hot parts (exhaust manifold, pipe, etc.).
9. Check that wirings are clamped firmly to secure enough clearance from the fan pulley, fan belt and other rotating or moving parts.
10. Check that the wirings between the fixed parts such as the vehicle body and the vibrating parts such as the engine are made with adequate allowance for vibrations.

BATTERY HANDLING

110003532

When checking or servicing does not require power from the vehicle battery, be sure to disconnect the cable from the battery (-) terminal. This is to prevent problems that could be caused by a short circuit. Disconnect the (-) terminal first and reconnect it last.

Caution

1. **Before connecting or disconnecting the negative cable, be sure to turn off the ignition switch and the lighting switch. (If this is not done, there is the possibility of semiconductor parts being damaged.)**
2. **After completion of the work steps [when the battery's negative (-) terminal is connected], warm up the engine and allow it to idle for approximately ten minutes under the conditions described below, in order to stabilize the engine control conditions, and then check to be sure that the idling is satisfactory.**

Engine coolant temperature: 85–95°C (185–203°F)

Lights, electric fans, accessories: OFF

Transaxle: Neutral position

(A/T models: "N" or "P")

Steering wheel: Neutral (center) position

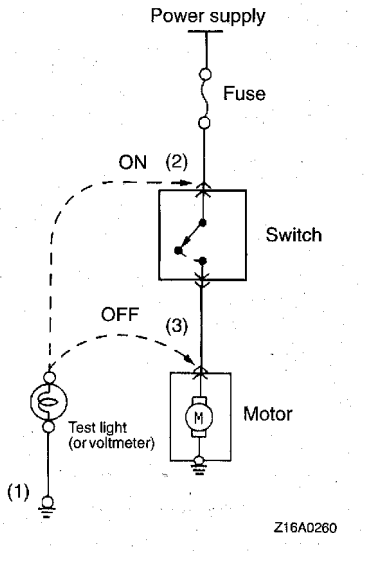
GENERAL ELECTRICAL SYSTEM CHECKS

110000788

A circuit consists of the power supply, switch, relay, load, ground, etc. There are various methods to check a circuit including an overall check, voltage check, short-circuit check and continuity check. Each of these methods is briefly described in the following.

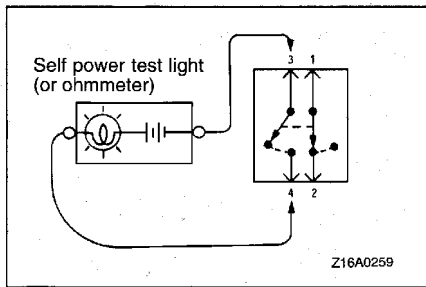
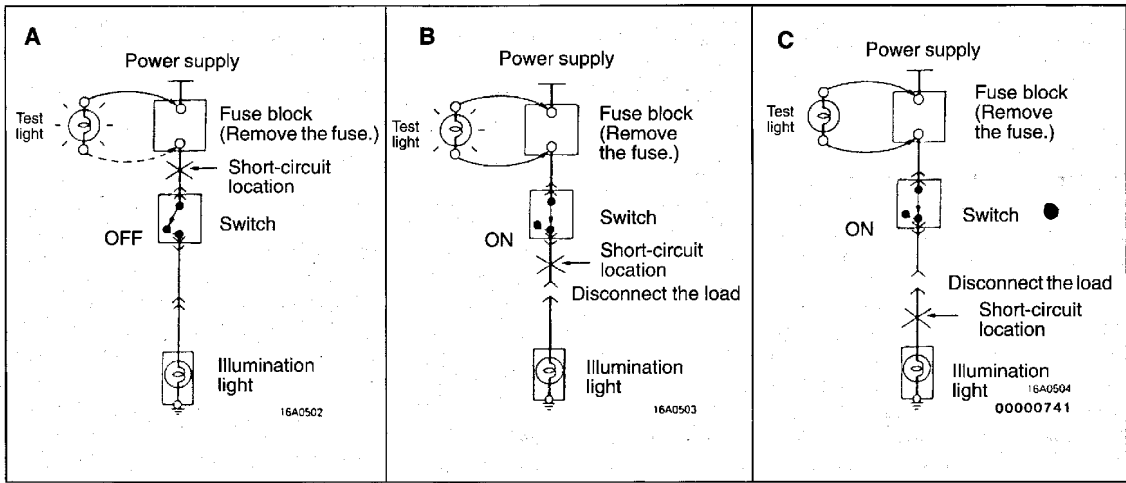
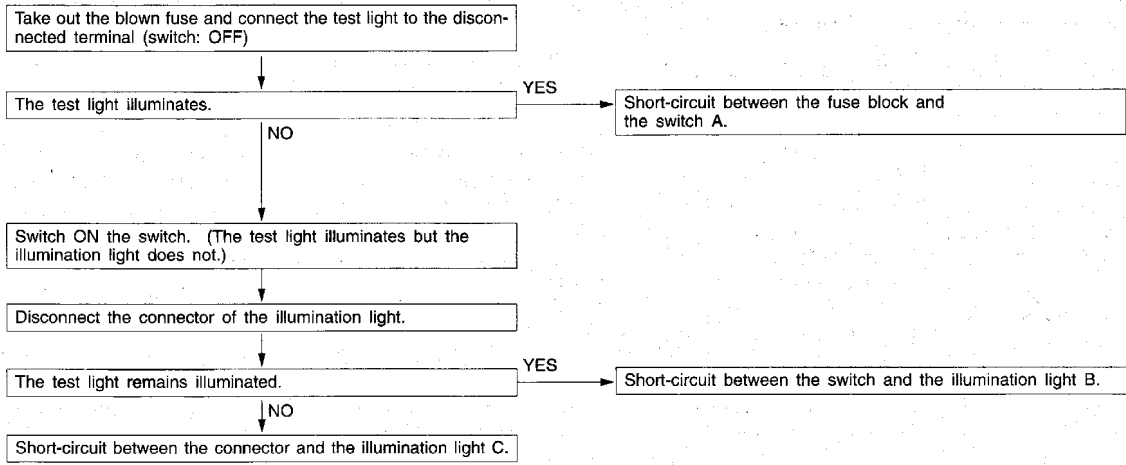
1. VOLTAGE CHECK

- (1) Ground one lead wire of the test light. If a voltmeter is used instead of the test light, ground the grounding side lead wire.
- (2) Connect the other lead wire of the test light to the power side terminal of the switch connector. The test light should come on or the voltmeter should indicate a voltage.
- (3) Then, connect the test light or voltmeter to the motor connector. The test light should not come on, or the voltmeter should indicate no voltage. When the switch is turned on in this state, the test light should come on, or the voltmeter should indicate a voltage, with motor starting to run.
- (4) The circuit illustrated here is normal but if there is any problem such as the motor failing to run, check voltages beginning at the connector nearest to the motor until the faulty part is identified.



2. SHORT-CIRCUITS CHECK

Because the fuse has blown, it is probable that there is a short-circuited circuit. Follow the procedures below to narrow down the short-circuit location.



3. CONTINUITY CHECK

- (1) When the switch is in the OFF position, the self power test light should come on or the ohmmeter should read 0 ohm only when the terminals 1 and 2 are interconnected.
- (2) When the switch is the ON position, the self power test light should come on or the ohmmeter should read 0 ohm only when the terminals 3 and 4 are interconnected.

CONFIGURATION DIAGRAMS

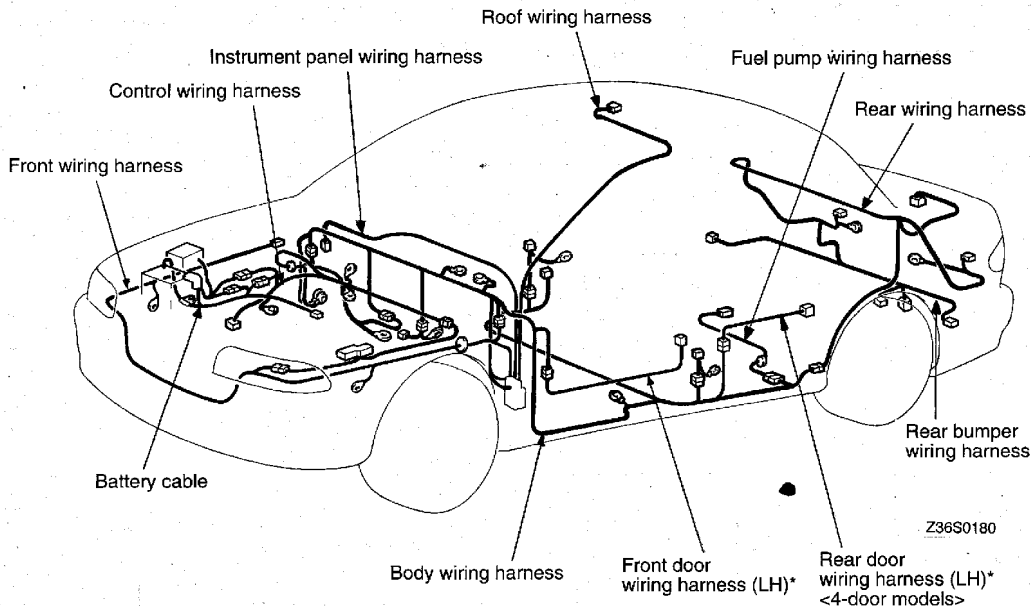
CONTENTS

110003533

Dash Panel	64	Interior	72
Door	73	Luggage Compartment	77
Engine Compartment	40	Overall Configuration Diagram	38
How to Read Configuration Diagrams	39	Under Rear Floor	78
Instrument Panel	70		

OVERALL CONFIGURATION DIAGRAM

110003534



NOTE

- (1) This illustration shows only the major wiring harnesses.
- (2) * Indicates also equipped at the right side.

HOW TO READ CONFIGURATION DIAGRAMS

The wiring harness diagrams clearly show the connector locations and harness routings at each site on actual vehicles.

Denotes connector No.

The same connector No. is used throughout the circuit diagrams to facilitate connector location searches.

The first alphabetical symbol indicates the location site of the connector and a number that follows is the unique number. Numbers are assigned to parts in clockwise order on the diagram.

In addition, the number of connector wires and the connector color (except milk white)* are shown for ease of retrieval.

Example: A-12 (2-Black)

Connector color
(milk white if no
color is indicated)

Number of con-
nector wires

Number specific to connector (serial number)

Connector location site symbol

A: Engine compartment

B: Dash panel

C: Instrument panel

D: Interior

E: Door

F: Luggage compartment

G: Under rear floor

*Typical connector colors:
Black, white, red, blue,
yellow, green, brown, etc.

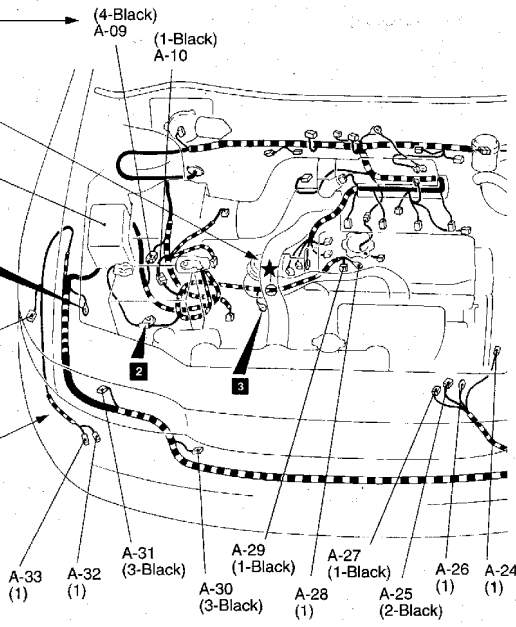
The mark ★ shows
the standard mount-
ing position of wiring
harness.

- A-01X
- A-03X
- A-04X
- A-05X
- A-06X

Denotes ground point.
Same ground number is used throughout
circuit diagrams to facilitate search of
ground point. Refer to P.5 for details of
ground points.

Denotes a section covered
by a corrugated tube.

Indicates the device to which the
connector is to be connected "—" means
that the connector with
code-number is not used.



- | | | | |
|-------|---------------------------|------|------------------------------|
| A-01X | Generator relay* | A-11 | — |
| A-02X | — | A-12 | — |
| A-03X | Radiator fan motor relay* | A-13 | — |
| A-04X | Headlight relay* | A-14 | — |
| | | A-15 | Front turn signal light (LH) |

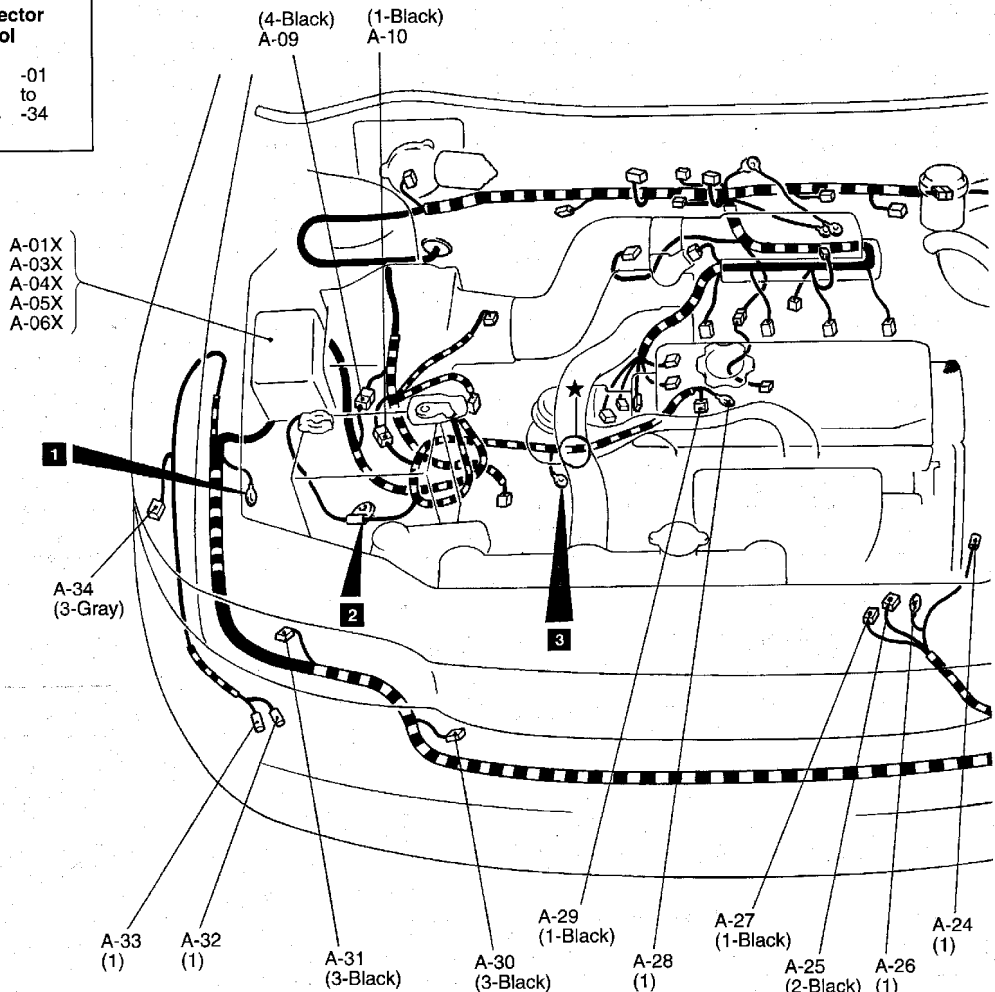
ENGINE COMPARTMENT

110003536

1.5L ENGINE <Up to 1994 models>

Connector
symbol

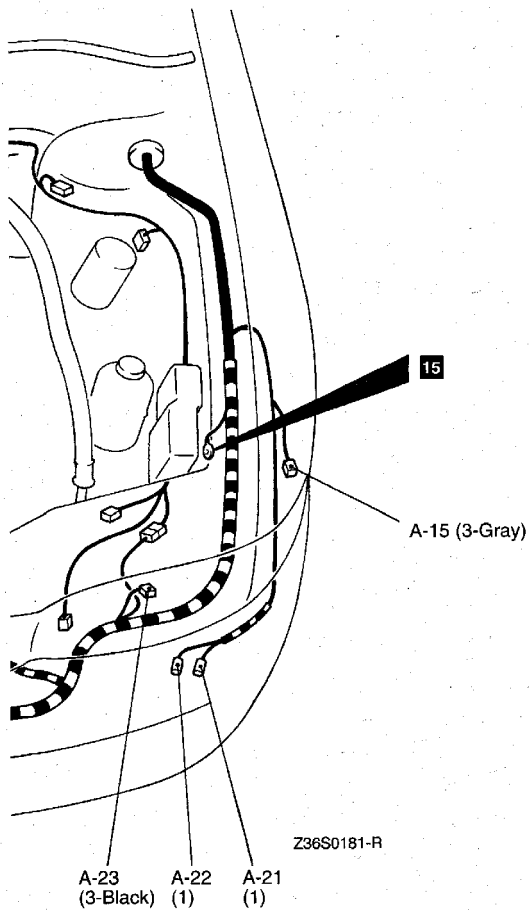
A -01
to
-34



Z36S0181-L

A-01X	Generator relay*	A-11	—
A-02X	—	A-12	—
A-03X	Radiator fan motor relay*	A-13	—
A-04X	Headlight relay*	A-14	—
A-05X	Taillight relay*	A-15	Front turn signal light (LH)
A-06X	IOD or storage connector*	A-16	—
A-07	—	A-17	—
A-08	—	A-18	—
A-09	Front wiring harness and control wiring harness combination	A-19	—
A-10	Control wiring harness and battery cable assembly combination	A-20	—
		A-21	Horn (LH)
		A-22	Horn (LH)
		A-23	Headlight (LH)
		A-24	Power steering pressure switch

TSB Revision

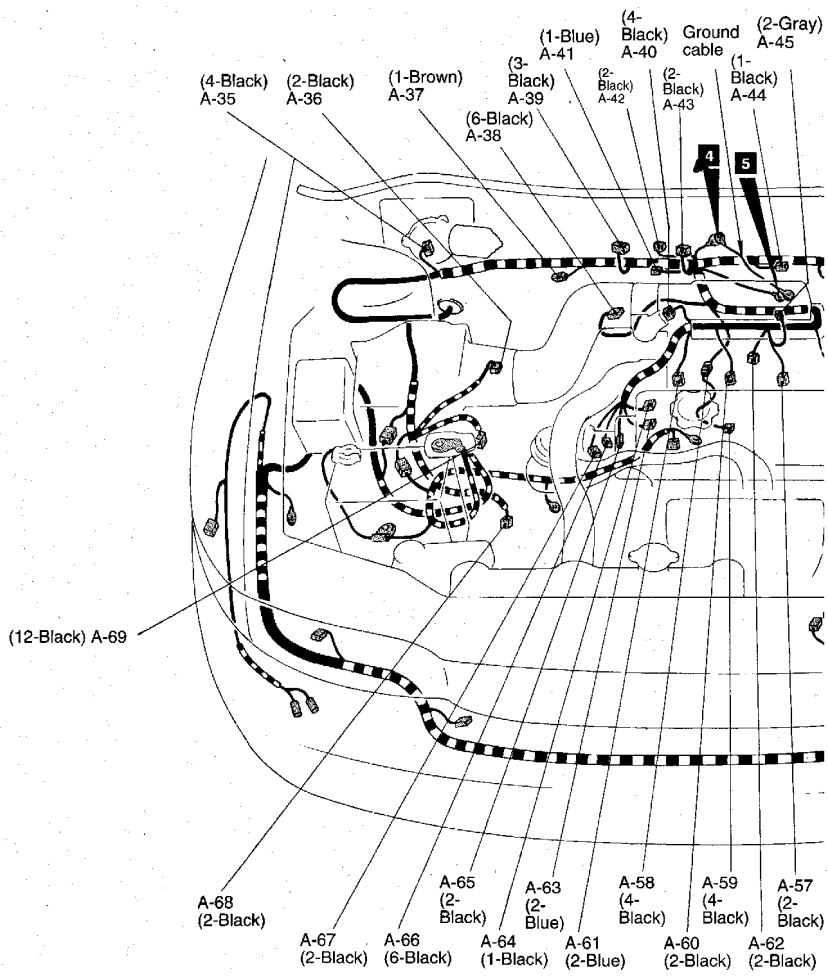


- A-25 Generator
- A-26 Generator
- A-27 Oil pressure switch
- A-28 Starter
- A-29 Starter
- A-30 Radiator fan assembly
- A-31 Headlight (RH)
- A-32 Horn (RH)
- A-33 Horn (RH)
- A-34 Front turn signal light (RH)

NOTE

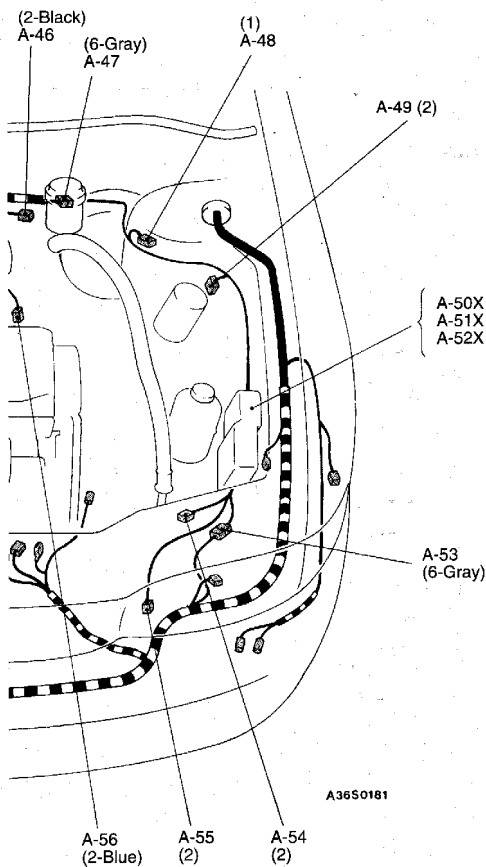
: Refer to CENTRALIZED JUNCTION

Connector symbol
A -35 to -69



- A-35 Windshield wiper motor
- A-36 Windshield washer motor
- A-37 Ignition timing adjustment connector
- A-38 Idle air control motor
- A-39 Manifold absolute pressure sensor
- A-40 Throttle position sensor
- A-41 Engine speed detection connector
- A-42 EGR solenoid
- A-43 Evaporative emission purge solenoid
- A-44 Fuel pump check connector
- A-45 Intake air temperature sensor

- A-46 Brake fluid level switch
- A-47 Control wiring harness and A/C wiring harness combination
- A-48 Magnetic clutch and refrigerant temperature switch <A/C>
- A-49 Dual pressure switch* <A/C>
- A-50X Radiator fan motor control relay* <A/T (A/C), M/T (A/C)–1994 models>
- A-51X Condenser fan motor relay* <A/C>
- A-52X A/C compressor clutch relay* <A/C>



- A-53 Front wiring harness and A/C wiring harness combination <A/C>
- A-54 No connection
<M/T, A/T-1994 models>
- A-55 Condenser fan motor
- A-56 Injector No. 1
- A-57 Injector No. 2
- A-58 Control wiring harness and heated oxygen sensor wiring harness combination
<California, Federal-1994 models>
- A-59 Heated oxygen sensor (front)
<California, Federal-1994 models>

- A-60 Injector No. 3
- A-61 Injector No. 4
- A-62 EGR temperature sensor
- A-63 Engine coolant temperature sensor
- A-64 Engine coolant temperature gauge unit
- A-65 Oxygen sensor <1993 models>
- A-66 Distributor assembly
- A-67 Distributor assembly
- A-68 Back-up light switch <M/T>
- A-69 Park / neutral position switch <A/T>

NOTE

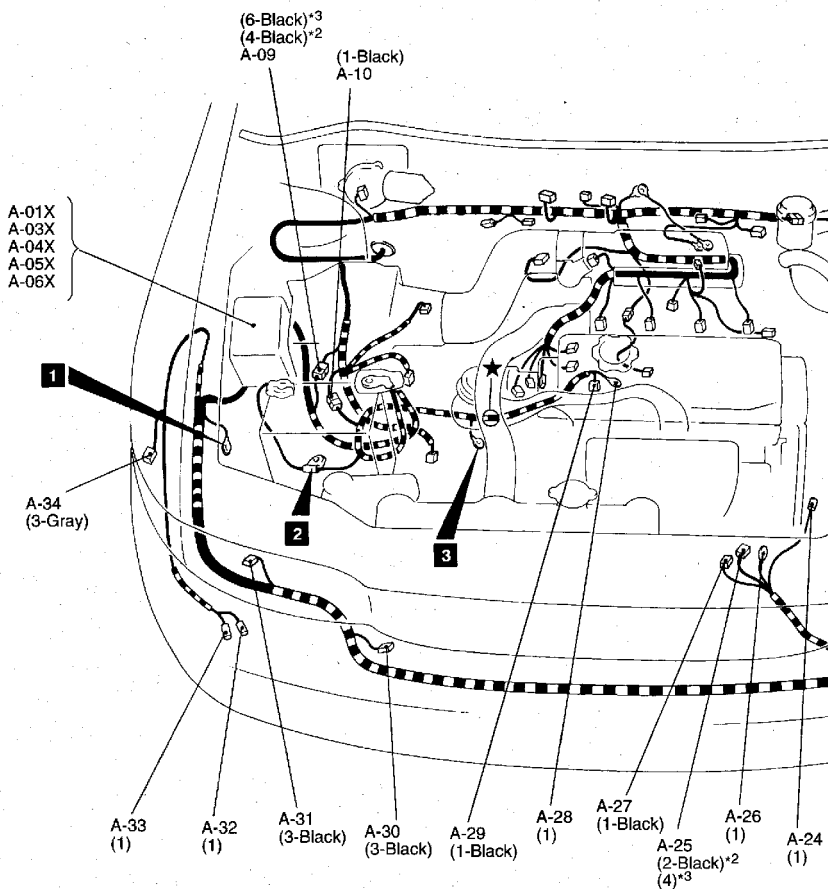
*: Refer to CENTRALIZED JUNCTION

ENGINE COMPARTMENT

1.5L ENGINE <1995 models>

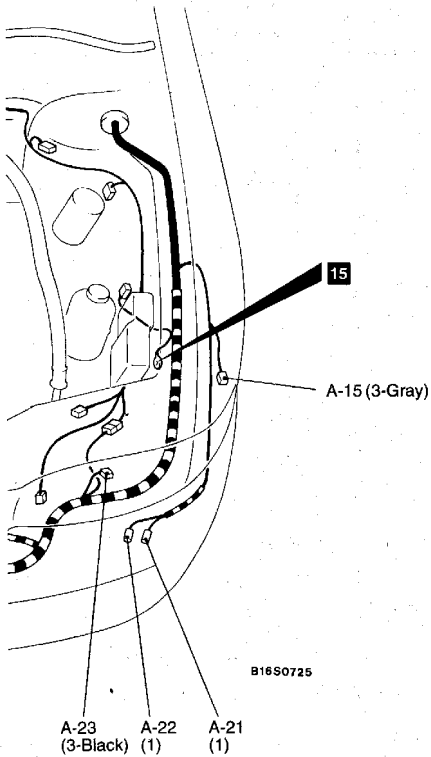
Connector
symbol

A -01
to
-34



A-01X	Generator relay*1
A-02X	–
A-03X	Radiator fan motor relay*1
A-04X	Headlight relay*1
A-05X	Taillight relay*1
A-06X	IOD or storage connector*1
A-07	–
A-08	–
A-09	Front wiring harness and control wiring harness combination
A-10	Control wiring harness and battery cable assembly combination

A-11	–
A-12	–
A-13	–
A-14	–
A-15	Front turn signal light (LH)
A-16	–
A-17	–
A-18	–
A-19	–
A-20	–
A-21	Horn (LH)
A-22	Horn (LH)
A-23	Headlight (LH)
A-24	Power steering pressure switch



- A-25 Generator
- A-26 Generator
- A-27 Oil pressure switch
- A-28 Starter
- A-29 Starter
- A-30 Radiator fan assembly
- A-31 Headlight (RH)
- A-32 Horn (RH)
- A-33 Horn (RH)
- A-34 Front turn signal light (RH)

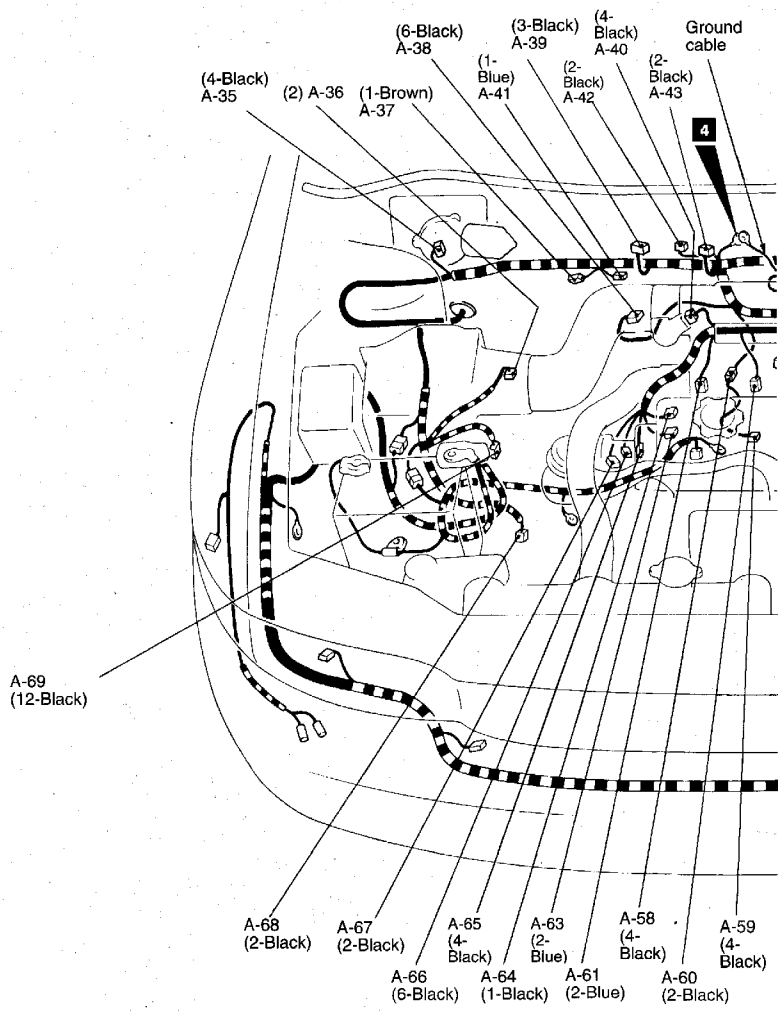
NOTE

*1: Refer to CENTRALIZED JUNCTION

*2: Vehicles for Federal

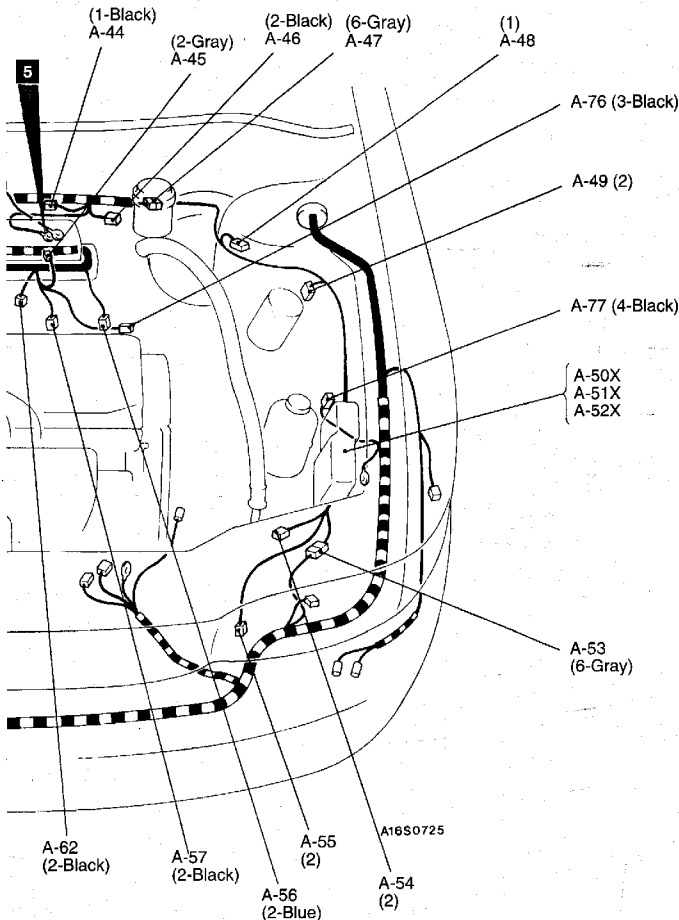
*3: Vehicles for California

Connector symbol
A -35 to -77



- A-35 Windshield wiper motor
- A-36 Windshield washer motor
- A-37 Ignition timing adjustment connector
- A-38 Idle air control motor
- A-39 Manifold absolute pressure sensor
- A-40 Throttle position sensor
- A-41 Engine speed detection connector
- A-42 EGR solenoid
- A-43 Evaporative emission purge solenoid
- A-44 Fuel pump check connector

- A-45 Intake air temperature sensor
- A-46 Brake fluid level switch
- A-47 Control wiring harness and A/C wiring harness combination
- A-48 Magnetic clutch and refrigerant temperature switch <A/C>
- A-49 Dual pressure switch <A/C>
- A-50X Radiator fan motor control relay* <A/C>
- A-51X Condenser fan motor relay* <A/C>
- A-52X A/C compressor clutch relay* <A/C>



- A-53 Front wiring harness and A/C wiring harness combination <A/C>
- A-54 No connection
- A-55 Condenser fan motor
- A-56 Injector No. 1
- A-57 Injector No. 2
- A-58 Control wiring harness and heated oxygen sensor wiring harness combination
- A-59 Heated oxygen sensor (front) <Federal>
Heated oxygen sensor (rear) <California>
- A-60 Injector No. 3
- A-61 Injector No. 4
- A-62 EGR temperature sensor <Federal>
- A-63 Engine coolant temperature sensor
- A-64 Engine coolant temperature gauge unit

- A-65 Heated oxygen sensor (front) <California>
- A-66 Distributor assembly
- A-67 Distributor assembly
- A-68 Back-up light switch <M/T>
- A-69 Park / neutral position switch <A/T>
- A-70 –
- A-71 –
- A-72 –
- A-73 –
- A-74 –
- A-75 –
- A-76 Crankshaft position sensor <California>
- A-77 Horn relay

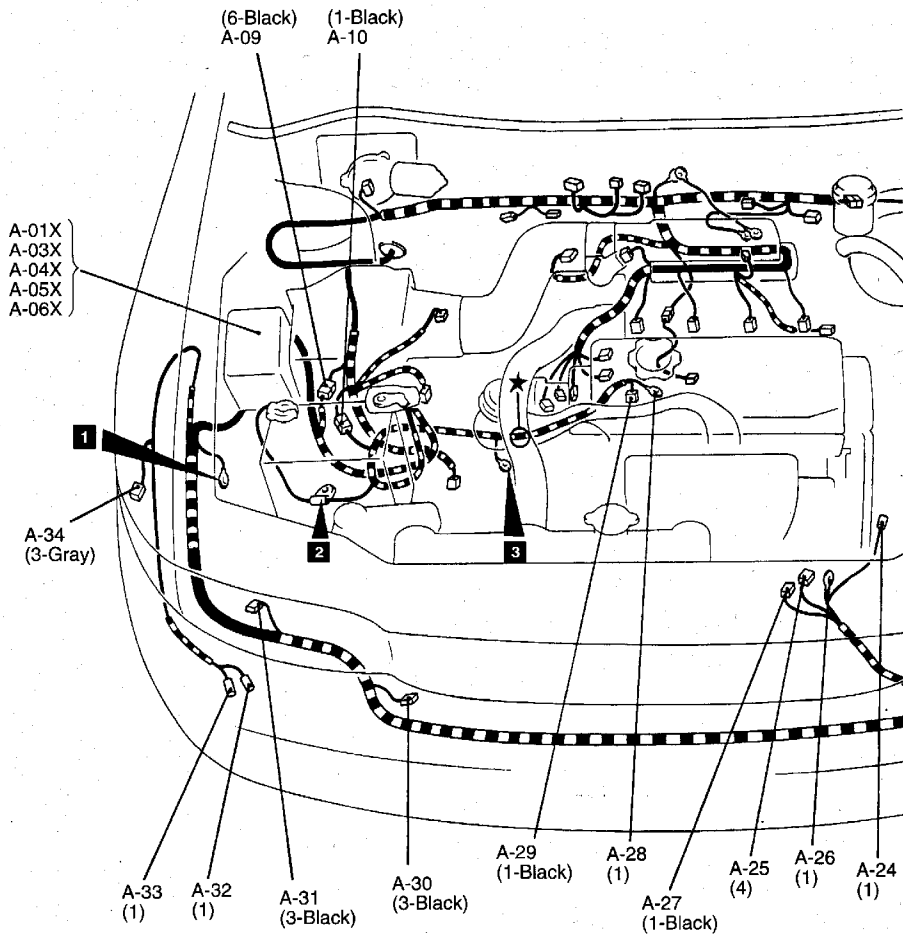
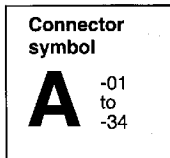
NOTE

*: Refer to CENTRALIZED JUNCTION

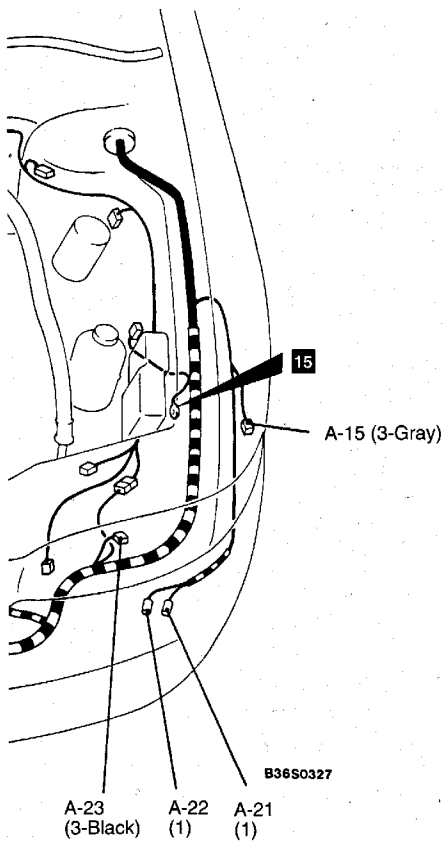
ENGINE COMPARTMENT

110003537

1.5L ENGINE <From 1996 models>



A-01X	Generator relay*	A-11	–
A-02X	–	A-12	–
A-03X	Radiator fan motor relay*	A-13	–
A-04X	Headlight relay*	A-14	–
A-05X	Taillight relay*	A-15	Front turn signal light (LH)
A-06X	IOD or storage connector*	A-16	–
A-07	–	A-17	–
A-08	–	A-18	–
A-09	Front wiring harness and control wiring harness combination	A-19	–
A-10	Control wiring harness and battery cable assembly combination	A-20	–
		A-21	Horn (LH)
		A-22	Horn (LH)
		A-23	Headlight (LH)
		A-24	Power steering pressure switch



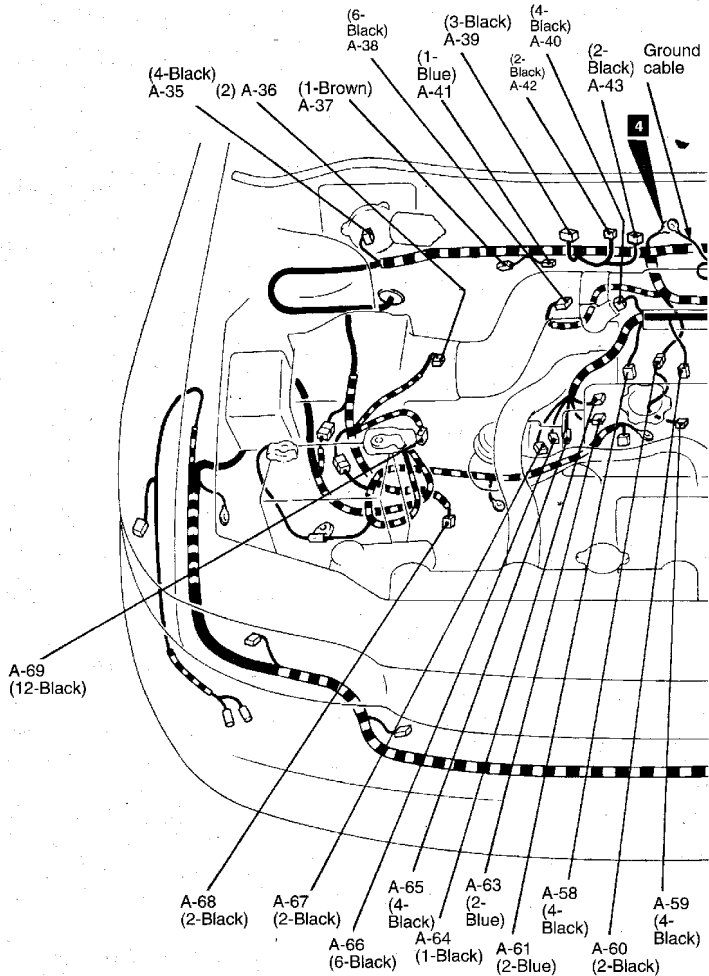
- A-25 Generator
- A-26 Generator
- A-27 Oil pressure switch
- A-28 Starter
- A-29 Starter
- A-30 Radiator fan assembly
- A-31 Headlight (RH)
- A-32 Horn (RH)
- A-33 Horn (RH)
- A-34 Front turn signal light (RH)

NOTE

*: Refer to CENTRALIZED JUNCTION

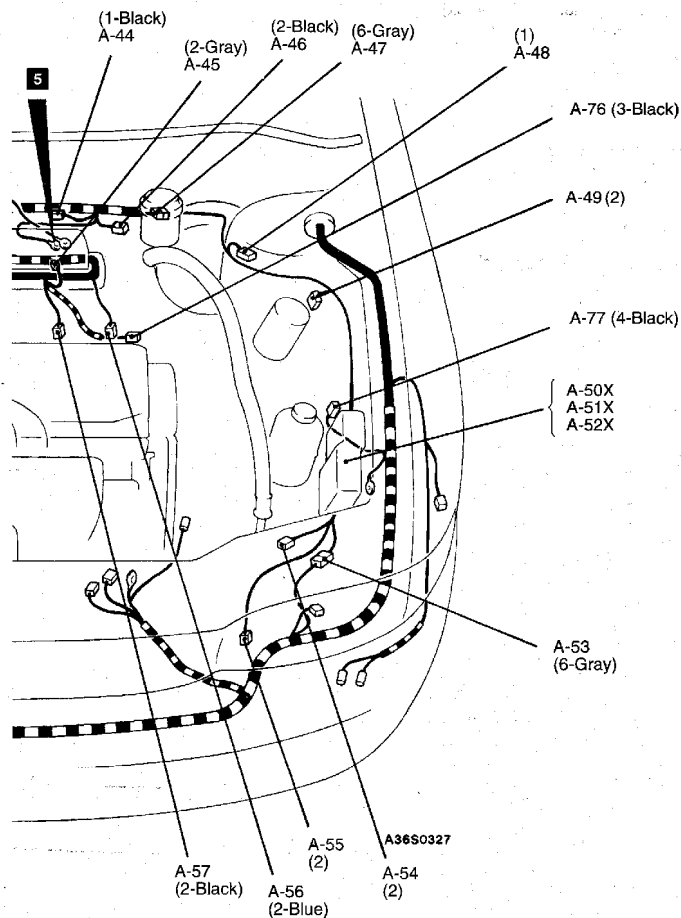
Connector
symbol

A -35
to
-77



A-35 Windshield wiper motor
 A-36 Windshield washer motor
 A-37 Ignition timing adjustment connector
 A-38 Idle air control motor
 A-39 Manifold absolute pressure sensor
 A-40 Throttle position sensor
 A-41 Engine speed detection connector
 A-42 EGR solenoid
 A-43 Evaporative emission purge solenoid
 A-44 Fuel pump check connector

A-45 Intake air temperature sensor
 A-46 Brake fluid level switch
 A-47 Control wiring harness and A/C wiring harness combination
 A-48 Magnetic clutch and refrigerant temperature switch <A/C>
 A-49 Dual pressure switch <A/C>
 A-50X Radiator fan motor control relay* <A/C>
 A-51X Condenser fan motor relay* <A/C>
 A-52X A/C compressor clutch relay* <A/C>

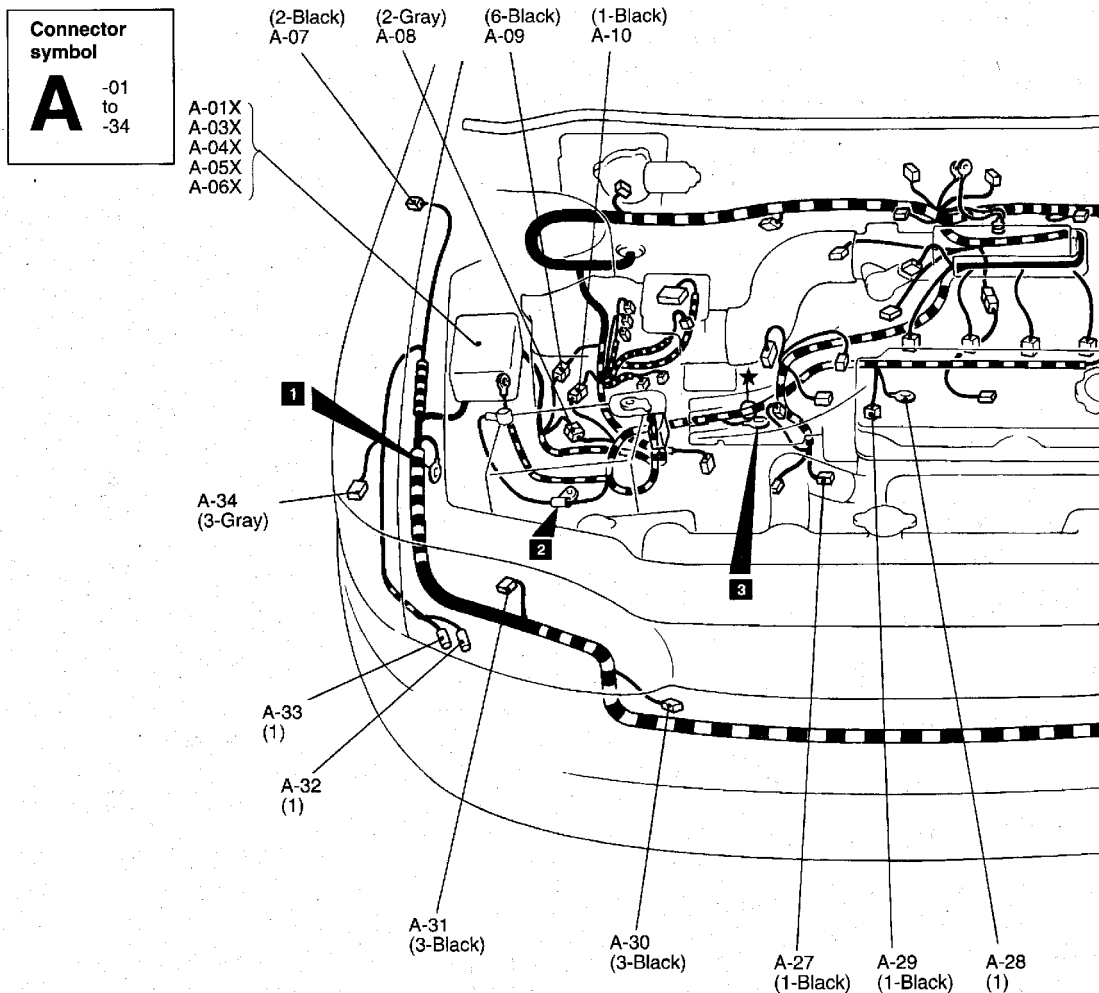


- | | | | |
|------|--|------|--------------------------------------|
| A-53 | Front wiring harness and A/C wiring harness combination <A/C> | A-66 | Distributor assembly |
| A-54 | No connection | A-67 | Distributor assembly |
| A-55 | Condenser fan motor | A-68 | Back-up light switch <M/T> |
| A-56 | Injector No. 1 | A-69 | Park / neutral position switch <A/T> |
| A-57 | Injector No. 2 | A-70 | — |
| A-58 | Control wiring harness and heated oxygen sensor wiring harness combination | A-71 | — |
| A-59 | Heated oxygen sensor (front) <Federal> | A-72 | — |
| | Heated oxygen sensor (rear) <California> | A-73 | — |
| A-60 | Injector No. 3 | A-74 | — |
| A-61 | Injector No. 4 | A-75 | — |
| A-62 | — | A-76 | Crankshaft position sensor |
| A-63 | Engine coolant temperature sensor | A-77 | Horn relay |
| A-64 | Engine coolant temperature gauge unit | | |
| A-65 | Heated oxygen sensor (front) <California> | | |

NOTE
*: Refer to CENTRALIZED JUNCTION

ENGINE COMPARTMENT

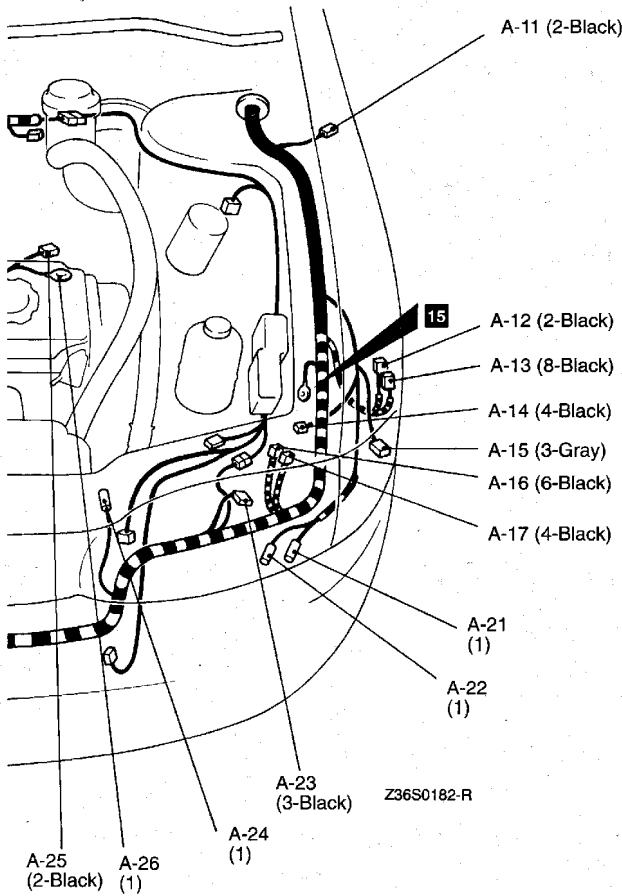
1.8L ENGINE <Up to 1994 models>



Z36S0182-L

A-01X	Generator relay*	A-11	ABS speed sensor (Front: LH)
A-02X	–	A-12	ABS hydraulic unit
A-03X	Radiator fan motor relay*	A-13	ABS hydraulic unit
A-04X	Headlight relay*	A-14	Auto-cruise control actuator
A-05X	Taillight relay*	A-15	Front turn signal light (LH)
A-06X	IOD or storage connector*	A-16	ABS valve relay
A-07	ABS speed sensor (Front: RH)	A-17	ABS motor relay
A-08	Front wiring harness and battery cable assembly combination	A-18	–
A-09	Front wiring harness and control wiring harness combination	A-19	–
A-10	Control wiring harness and battery cable assembly combination	A-20	–
		A-21	Horn (LH)
		A-22	Horn (LH)

TSB Revision

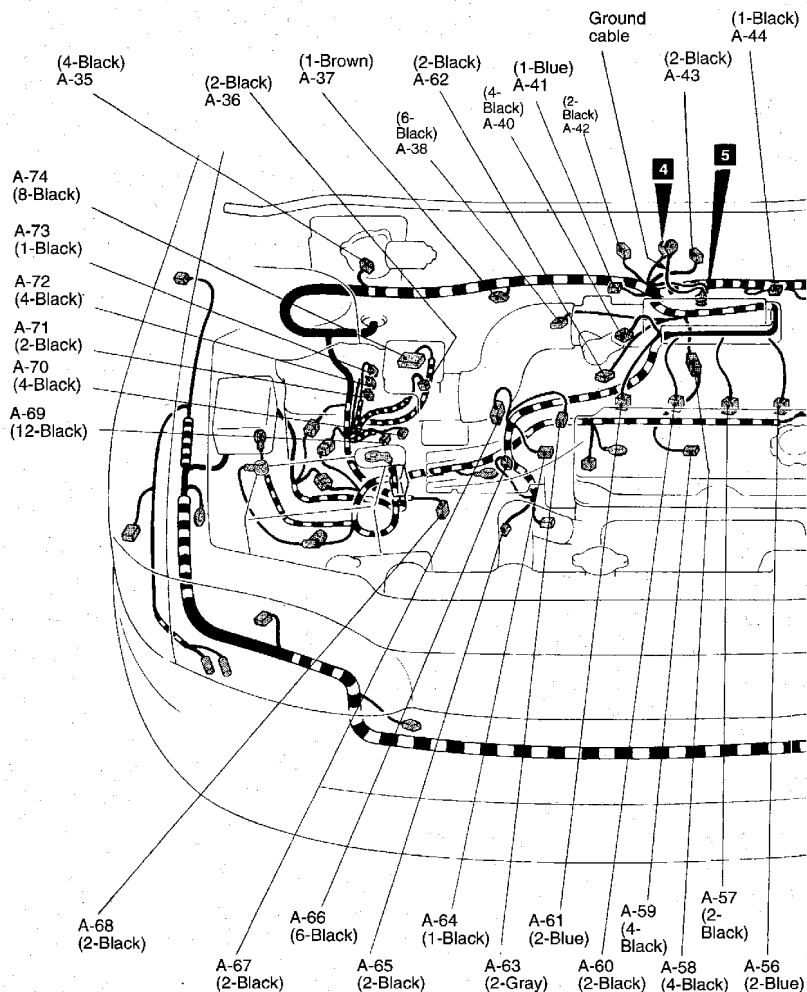


- A-23 Headlight (LH)
- A-24 Power steering pressure switch
- A-25 Generator
- A-26 Generator
- A-27 Oil pressure switch
- A-28 Starter
- A-29 Starter
- A-30 Radiator fan assembly
- A-31 Headlight (RH)
- A-32 Horn (RH)
- A-33 Horn (RH)
- A-34 Front turn signal light (RH)

NOTE

*: Refer to CENTRALIZED JUNCTION

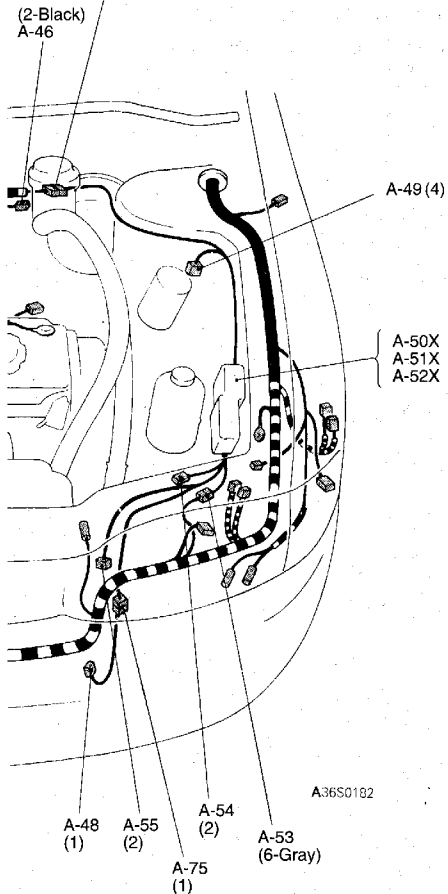
Connector symbol
A -35 to -75



A-35 Windshield wiper motor
 A-36 Windshield washer motor
 A-37 Ignition timing adjustment connector
 A-38 Idle air control motor
 A-39 –
 A-40 Throttle position sensor
 A-41 Engine speed detection connector
 A-42 EGR solenoid
 A-43 Evaporative emission purge solenoid
 A-44 Fuel pump check connector

A-45 –
 A-46 Brake fluid level switch
 A-47 Control wiring harness and A/C wiring harness combination
 A-48 Magnetic clutch and refrigerant temperature switch <A/C>
 A-49 Triple pressure switch <A/C>
 A-50X Condenser fan motor relay* <A/C>
 A-51X Fan motor control relay* <A/C>
 A-52X A/C compressor clutch relay* <A/C>

(6-Gray <1993 models>
8-Black <1994 models>
A-47



- A-53 Front wiring harness and A/C wiring harness combination <A/C>
- A-54 Resistor
- A-55 Condenser fan motor
- A-56 Injector No. 1
- A-57 Injector No. 2
- A-58 Control wiring harness and heated oxygen sensor wiring harness combination <California, Federal-1994 models>
- A-59 Heated oxygen sensor (front) <California, Federal-1994 models>
- A-60 Injector No. 3
- A-61 Injector No. 4
- A-62 EGR temperature sensor
- A-63 Engine coolant temperature sensor
- A-64 Engine coolant temperature gauge unit
- A-65 Oxygen sensor (front) <1993 models>

- A-66 Distributor assembly
- A-67 Distributor assembly
- A-68 Back-up light switch <M/T>
- A-69 Park / neutral position switch <A/T>
- A-70 4A/T control solenoid valve
- A-71 A/T fluid temperature sensor <A/T>
- A-72 Pulse generator <A/T>
- A-73 Kickdown servo switch
- A-74 Volume air flow sensor
- A-75 A/C wiring harness and A/C joint harness combination <1994 models>

NOTE

*: Refer to CENTRALIZED JUNCTION

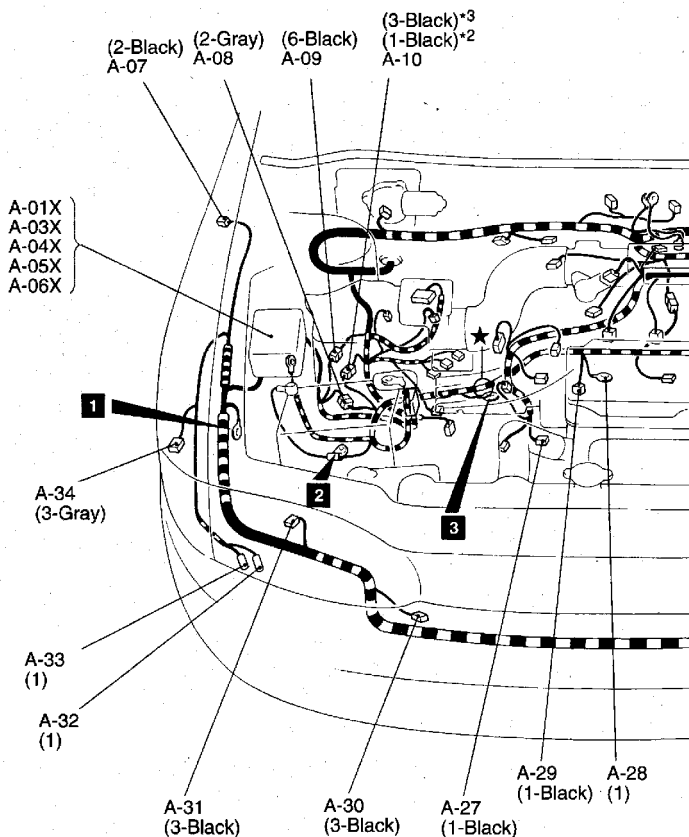
ENGINE COMPARTMENT

110003539

1.8L ENGINE <1995 models>

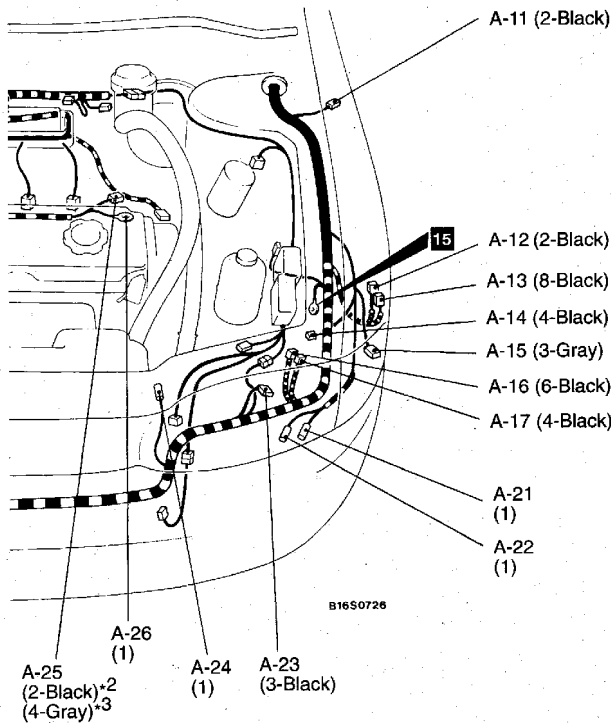
Connector
symbol

A -01
to
-34



A-01X	Generator relay*1
A-02X	–
A-03X	Radiator fan motor relay*1
A-04X	Headlight relay*1
A-05X	Taillight relay*1
A-06X	IOD or storage connector*1
A-07	ABS speed sensor (Front: RH)
A-08	Front wiring harness and battery cable assembly combination
A-09	Front wiring harness and control wiring harness combination
A-10	Control wiring harness and battery cable assembly combination

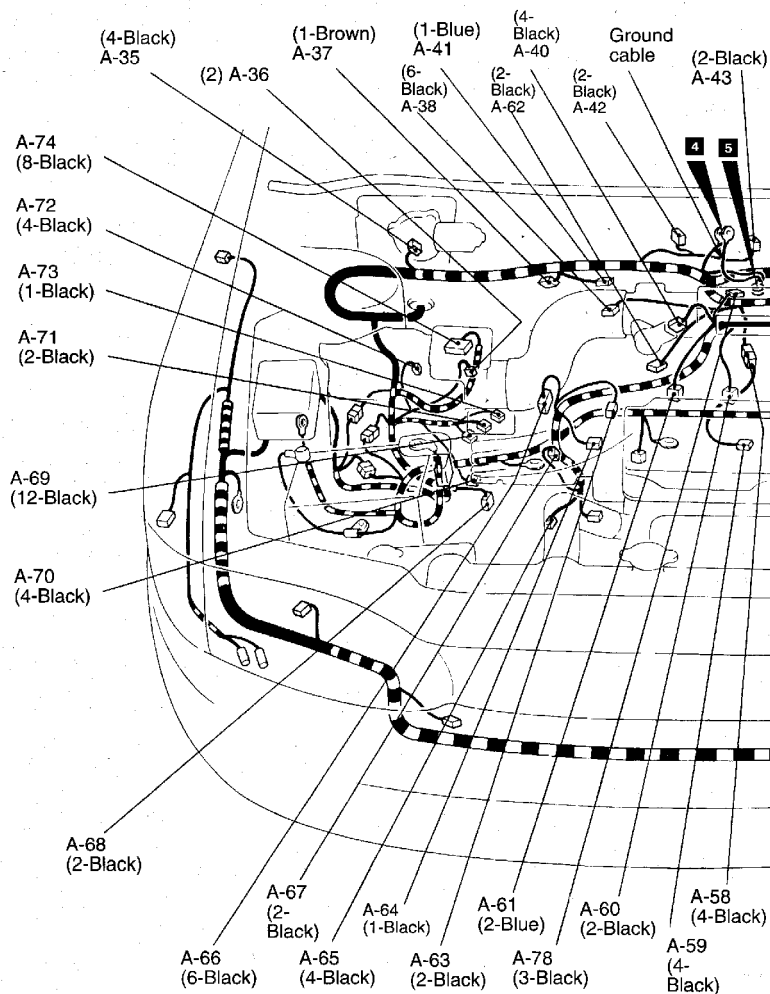
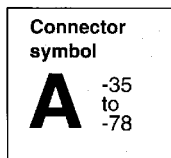
A-11	ABS speed sensor (Front: LH)
A-12	ABS hydraulic unit
A-13	ABS hydraulic unit
A-14	Auto-cruise control actuator
A-15	Front turn signal light (LH)
A-16	ABS valve relay
A-17	ABS motor relay
A-18	–
A-19	–
A-20	–
A-21	Horn (LH)
A-22	Horn (LH)



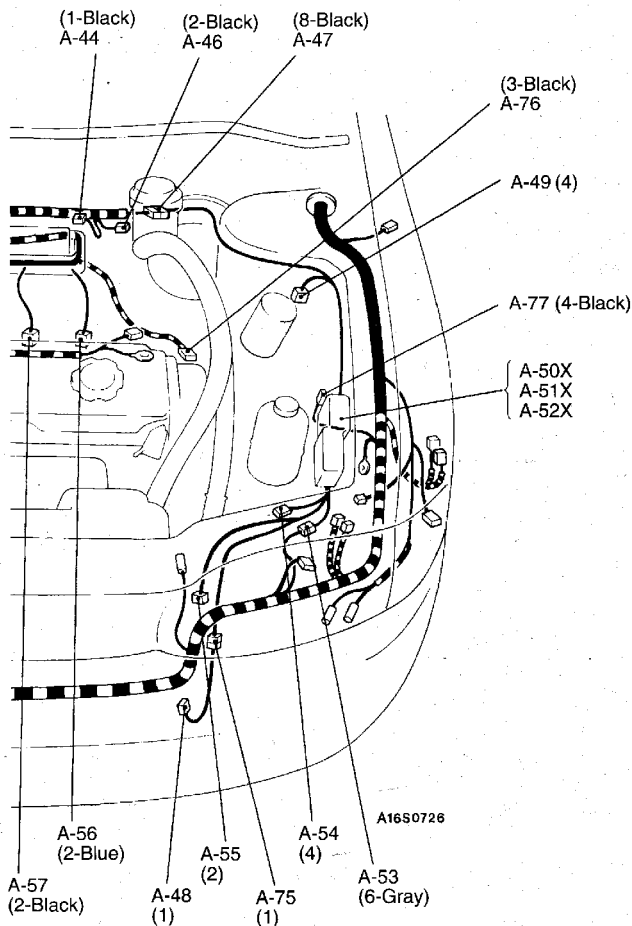
- A-23 Headlight (LH)
- A-24 Power steering pressure switch
- A-25 Generator
- A-26 Generator
- A-27 Oil pressure switch
- A-28 Starter
- A-29 Starter
- A-30 Radiator fan assembly
- A-31 Headlight (RH)
- A-32 Horn (RH)
- A-33 Horn (RH)
- A-34 Front turn signal light (RH)

NOTE

- *1: Refer to CENTRALIZED JUNCTION
- *2: Vehicles for Federal
- *3: Vehicles for California



A-35	Windshield wiper motor	A-45	–
A-36	Windshield washer motor	A-46	Brake fluid level switch
A-37	Ignition timing adjustment connector	A-47	Control wiring harness and A/C wiring harness combination
A-38	Idle air control motor	A-48	Magnetic clutch and refrigerant temperature switch <A/C>
A-39	–	A-49	Triple pressure switch* <A/C>
A-40	Throttle position sensor	A-50X	Condenser fan motor relay* <A/C>
A-41	Engine speed detection connector	A-51X	Fan motor control relay* <A/C>
A-42	EGR solenoid	A-52X	A/C compressor clutch relay* <A/C>
A-43	Evaporative emission purge solenoid		
A-44	Fuel pump check connector		



- A-53 Front wiring harness and A/C wiring harness combination <A/C>
- A-54 Resistor
- A-55 Condenser fan motor
- A-56 Injector No. 1
- A-57 Injector No. 2
- A-58 Control wiring harness and heated oxygen sensor wiring harness combination
- A-59 Heated oxygen sensor (front) <Federal> Heated oxygen sensor (rear) <California>
- A-60 Injector No. 3
- A-61 Injector No. 4
- A-62 EGR temperature sensor <Federal>
- A-63 Engine coolant temperature sensor
- A-64 Engine coolant temperature gauge unit
- A-65 Heated oxygen sensor (front) <California>

- A-66 Distributor assembly
- A-67 Distributor assembly
- A-68 Back-up light switch <M/T>
- A-69 Park / neutral position switch <A/T>
- A-70 4A/T control solenoid valve
- A-71 A/T fluid temperature sensor <A/T>
- A-72 Pulse generator <A/T>
- A-73 Kickdown servo switch
- A-74 Volume air flow sensor
- A-75 A/C wiring harness and A/C joint harness combination
- A-76 Crankshaft position sensor <California>
- A-77 Horn relay
- A-78 Manifold differential pressure sensor <California>

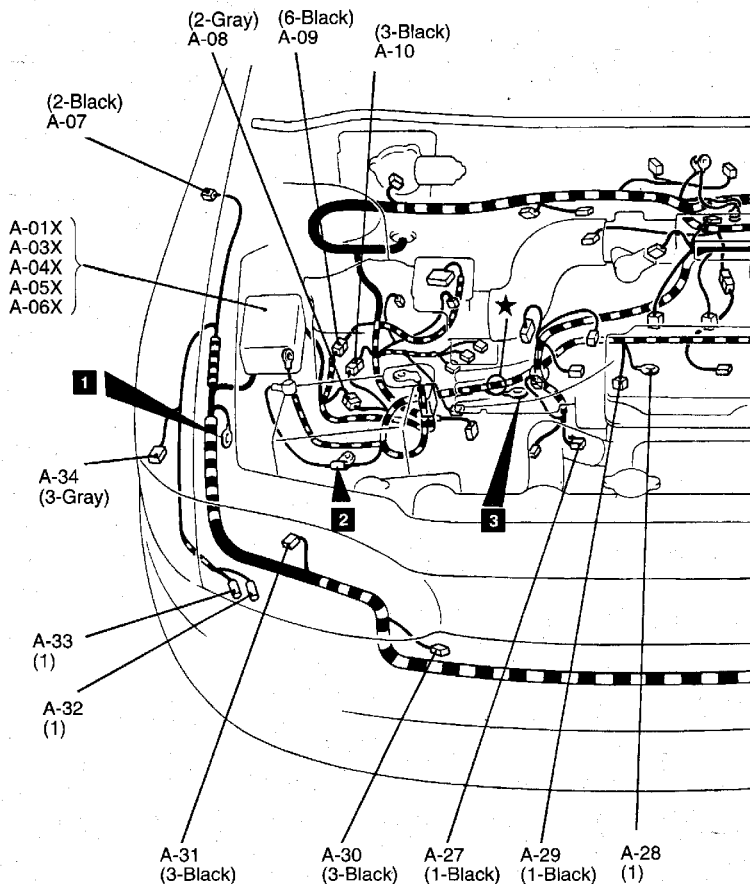
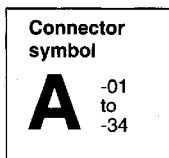
NOTE

*: Refer to CENTRALIZED JUNCTION

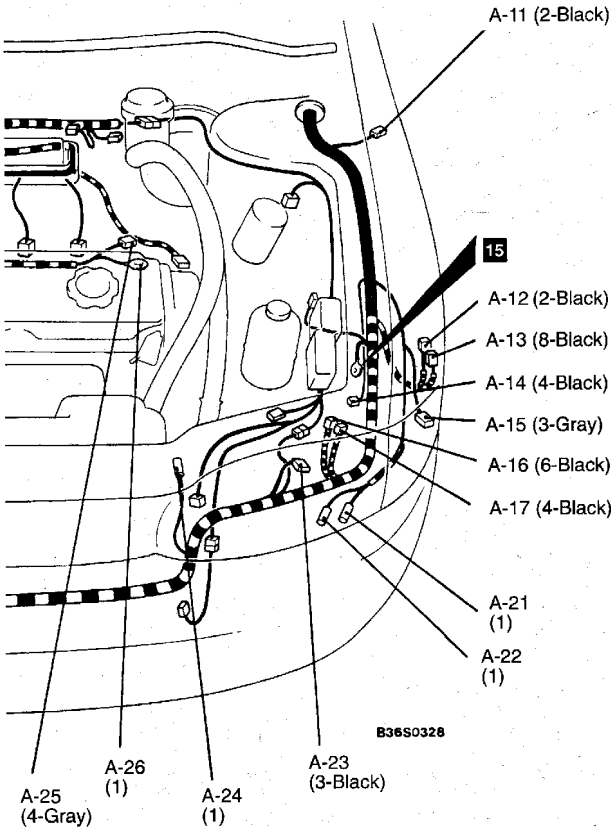
ENGINE COMPARTMENT

110003539

1.8L ENGINE <From 1996 models>

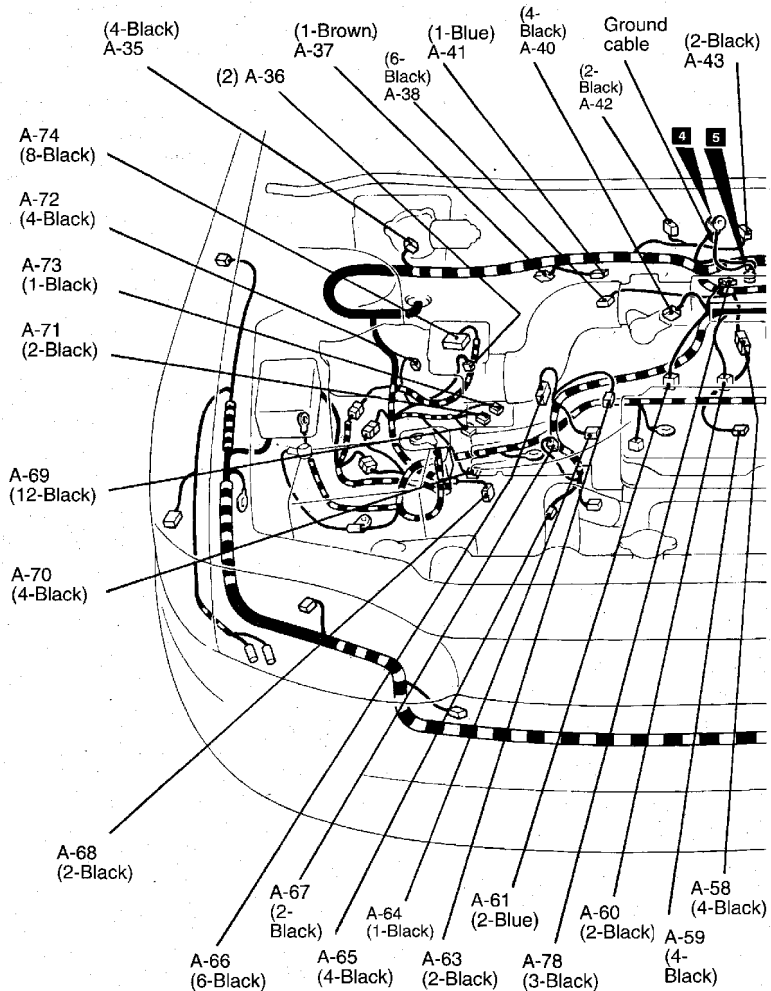


A-01X	Generator relay*	A-11	ABS speed sensor (Front: LH)
A-02X	–	A-12	ABS hydraulic unit
A-03X	Radiator fan motor relay*	A-13	ABS hydraulic unit
A-04X	Headlight relay*	A-14	Auto-cruise control actuator
A-05X	Taillight relay*	A-15	Front turn signal light (LH)
A-06X	IOD or storage connector*	A-16	ABS valve relay
A-07	ABS speed sensor (Front: RH)	A-17	ABS motor relay
A-08	Front wiring harness and battery cable assembly combination	A-18	–
A-09	Front wiring harness and control wiring harness combination	A-19	–
A-10	Control wiring harness and battery cable assembly combination	A-20	–
		A-21	Horn (LH)
		A-22	Horn (LH)



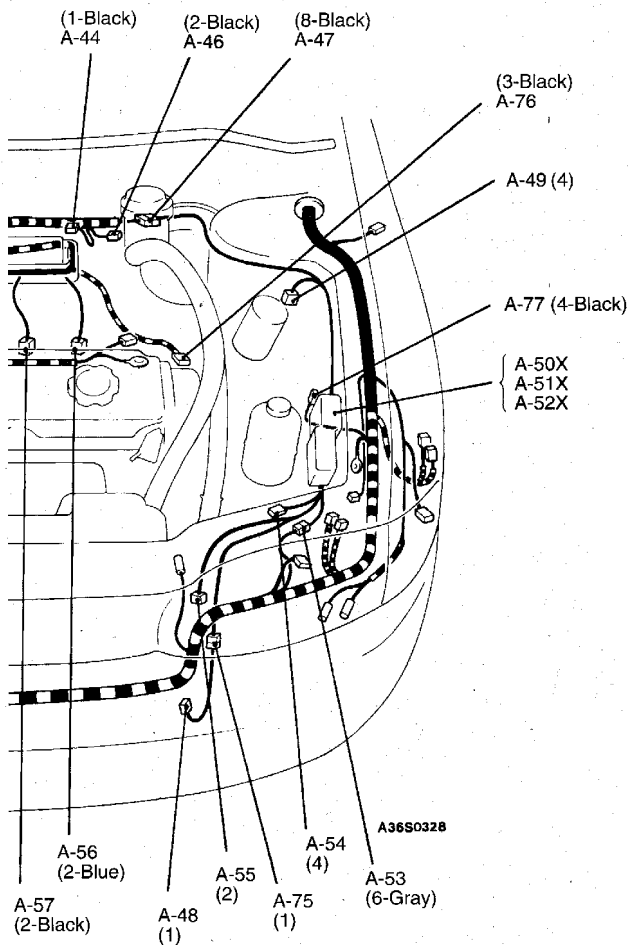
- A-23 Headlight (LH)
- A-24 Power steering pressure switch
- A-25 Generator
- A-26 Generator
- A-27 Oil pressure switch
- A-28 Starter
- A-29 Starter
- A-30 Radiator fan assembly
- A-31 Headlight (RH)
- A-32 Horn (RH)
- A-33 Horn (RH)
- A-34 Front turn signal light (RH)

NOTE
*: Refer to CENTRALIZED JUNCTION

**Connector
symbol**
A -35
to
-78


A-35 Windshield wiper motor
 A-36 Windshield washer motor
 A-37 Ignition timing adjustment connector
 A-38 Idle air control motor
 A-39 –
 A-40 Throttle position sensor
 A-41 Engine speed detection connector
 A-42 EGR solenoid
 A-43 Evaporative emission purge solenoid
 A-44 Fuel pump check connector

A-45 –
 A-46 Brake fluid level switch
 A-47 Control wiring harness and A/C wiring harness combination
 A-48 Magnetic clutch and refrigerant temperature switch <A/C>
 A-49 Triple pressure switch* <A/C>
 A-50X Condenser fan motor relay* <A/C>
 A-51X Fan motor control relay* <A/C>
 A-52X A/C compressor clutch relay* <A/C>



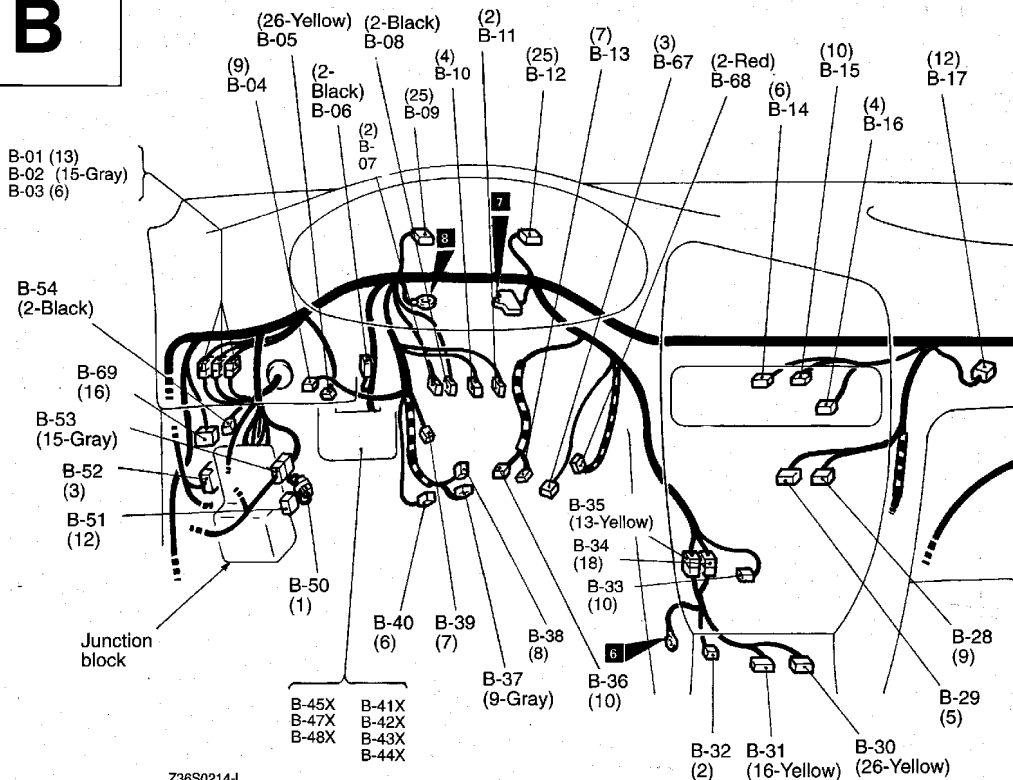
- A-53 Front wiring harness and A/C wiring harness combination <A/C>
- A-54 Resistor
- A-55 Condenser fan motor
- A-56 Injector No. 1
- A-57 Injector No. 2
- A-58 Control wiring harness and heated oxygen sensor wiring harness combination
- A-59 Heated oxygen sensor (front) <Federal>
Heated oxygen sensor (rear) <California>
- A-60 Injector No. 3
- A-61 Injector No. 4
- A-62 -
- A-63 Engine coolant temperature sensor
- A-64 Engine coolant temperature gauge unit
- A-65 Heated oxygen sensor (front) <California>

- A-66 Distributor assembly
- A-67 Distributor assembly
- A-68 Back-up light switch <M/T>
- A-69 Park / neutral position switch <A/T>
- A-70 4A/T control solenoid valve
- A-71 A/T fluid temperature sensor <A/T>
- A-72 Pulse generator <A/T>
- A-73 Kickdown servo switch
- A-74 Volume air flow sensor
- A-75 A/C wiring harness and A/C joint harness combination
- A-76 Crankshaft position sensor
- A-77 Horn relay
- A-78 Manifold differential pressure sensor

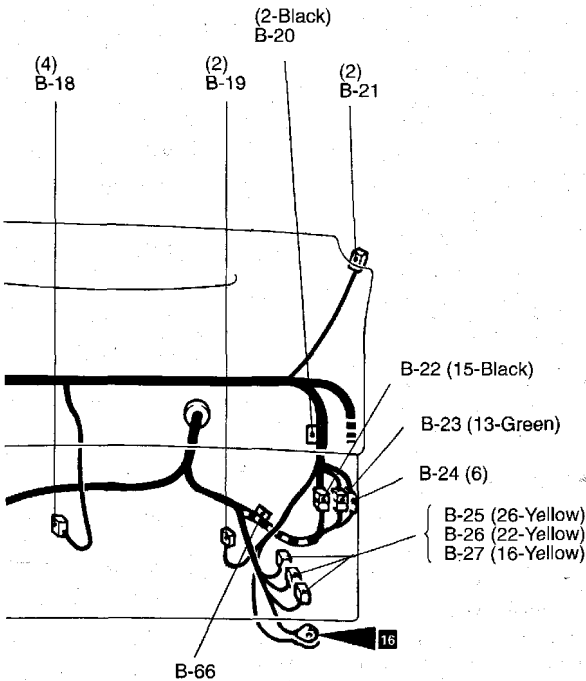
NOTE

*: Refer to CENTRALIZED JUNCTION

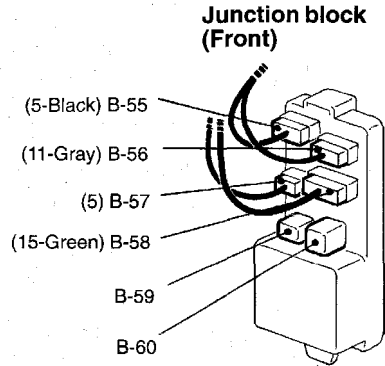
DASH PANEL <Up to 1994 models>

Connector
symbol**B**

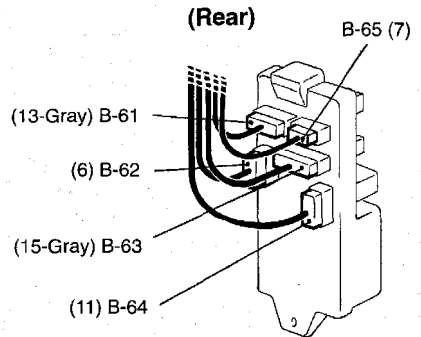
B-01	Body wiring harness and front wiring harness combination	B-18	Resistor
B-02	Body wiring harness and front wiring harness combination	B-19	Blower motor
B-03	Body wiring harness and front wiring harness combination	B-20	Diode (for MFI system circuit)
B-04	Remote controlled mirror switch	B-21	Release switch (RH) <For automatic seat belt>
B-05	Auto-cruise control unit	B-22	Body wiring harness and control wiring harness combination
B-06	Diode (for ABS circuit)	B-23	Body wiring harness and control wiring harness combination
B-07	Clutch pedal position switch <MT>	B-24	Body wiring harness and control wiring harness combination
B-08	Clutch pedal position switch <Vehicles with auto-cruise control>	B-25	Engine control module
B-09	Combination meter	B-26	Engine control module
B-10	Stop light switch <Vehicles with auto-cruise control>	B-27	Engine control module
B-11	Stop light switch	B-28	Radio and tape player
B-12	Combination meter	B-29	Radio and tape player
B-13	Slip ring <Vehicles with auto-cruise control> (1993 models)	B-30	ABS control unit
B-14	A/C switch	B-31	ABS control unit
B-15	Blower switch	B-32	Diagnostic trouble code erasure connector
B-16	Clock	B-33	Buzzer assembly
B-17	Automatic compressor control unit	B-34	Body wiring harness and ABS wiring harness combination
		B-35	Body wiring harness and ABS wiring harness combination



Z36S0214-R



Z36S0076



Z36S0226

- B-36 Column switch
- B-37 Column switch
- B-38 Column switch
- B-39 Steering lock switch
- B-40 Ignition switch
- B-41X ABS power relay*
- B-42X Power window relay*
- B-43X Horn relay* <1994 models>
- B-44X Door lock control relay* <1993 models> or door lock control unit* <1994 models>
- B-45X Jumper connector*
- B-46X -
- B-47X Defogger relay*
- B-48X Starter relay*
- B-49X -
- B-50 Automatic seat belt motor connector (used to cut off the motor power supply for servicing)
- B-51 Data link connector
- B-52 Body wiring harness and roof wiring harness combination <1993 models>
- B-53 Body wiring harness and instrument panel wiring harness combination
- B-54 Diode (for ABS circuit)
- B-55 Front wiring harness and junction block combination

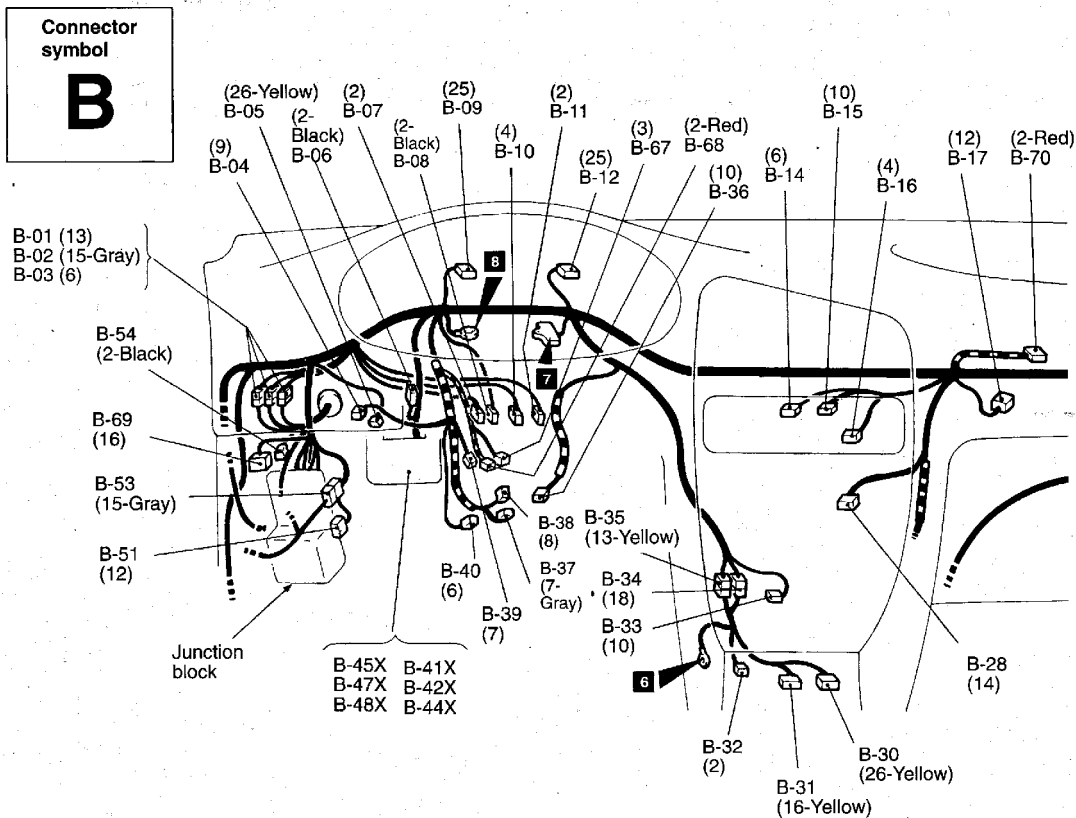
- B-56 Front wiring harness and junction block combination
- B-57 Roof wiring harness and junction block combination
- B-58 Instrument panel wiring harness and junction block combination
- B-59 Blower motor relay
- B-60 Turn-signal and hazard flasher unit
- B-61 Body wiring harness and junction block combination
- B-62 Body wiring harness and junction block combination
- B-63 Body wiring harness and junction block combination
- B-64 Body wiring harness and junction block combination
- B-65 Body wiring harness and junction block combination
- B-66 Diode (for MFI system circuit)
- B-67 Clock spring <1994 models>
- B-68 Clock spring <1994 models>
- B-69 Data link connector

NOTE

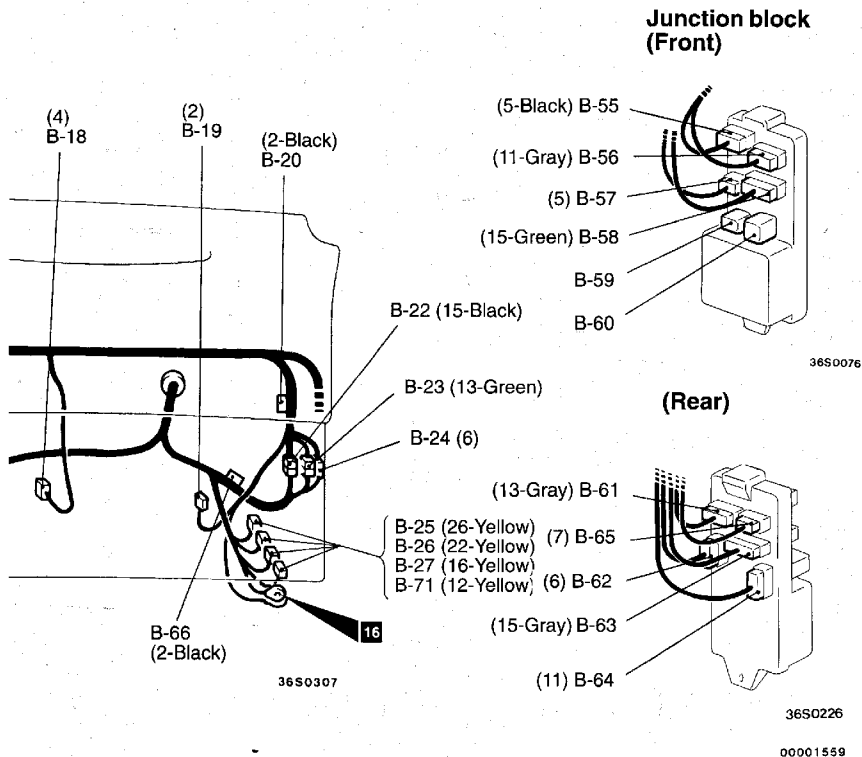
*: Refer to CENTRALIZED JUNCTION

DASH PANEL <1995 models>

110003541



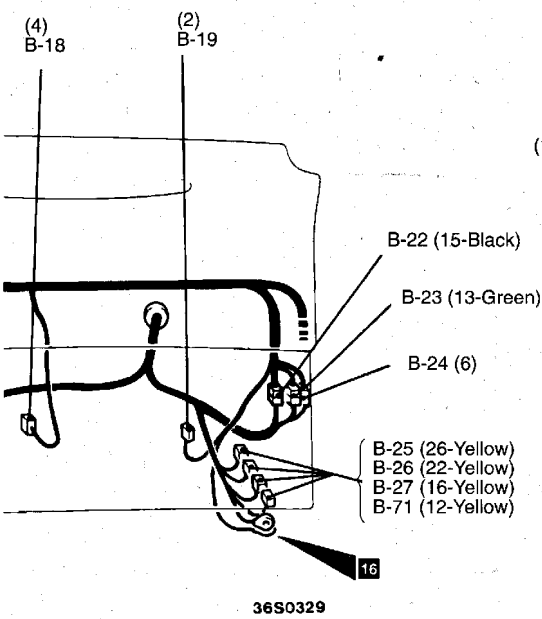
- | | | | |
|------|--|------|--|
| B-01 | Body wiring harness and front wiring harness combination | B-19 | Blower motor |
| B-02 | Body wiring harness and front wiring harness combination | B-20 | Diode (for MFI system circuit) |
| B-03 | Body wiring harness and front wiring harness combination | B-21 | - |
| B-04 | Remote controlled mirror switch | B-22 | Body wiring harness and control wiring harness combination |
| B-05 | Auto-cruise control unit | B-23 | Body wiring harness and control wiring harness combination |
| B-06 | Diode (for ABS circuit) | B-24 | Body wiring harness and control wiring harness combination |
| B-07 | Clutch pedal position switch <M/T> | B-25 | Engine control module |
| B-08 | Clutch pedal position switch <Vehicles with auto-cruise control> | B-26 | Engine control module |
| B-09 | Combination meter | B-27 | Engine control module |
| B-10 | Stop light switch <Vehicles with auto-cruise control> | B-28 | Radio and tape player |
| B-11 | Stop light switch | B-29 | - |
| B-12 | Combination meter | B-30 | ABS control unit |
| B-13 | - | B-31 | ABS control unit |
| B-14 | A/C switch | B-32 | Diagnostic trouble code erasure connector |
| B-15 | Blower switch | B-33 | Buzzer assembly |
| B-16 | Clock | B-34 | Body wiring harness and ABS wiring harness combination |
| B-17 | Automatic compressor control unit | B-35 | Body wiring harness and ABS wiring harness combination |
| B-18 | Resistor | | |



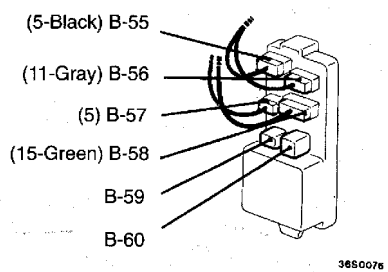
- B-36 Column switch
- B-37 Column switch
- B-38 Column switch
- B-39 Steering lock switch
- B-40 Ignition switch
- B-41X ABS power relay*
- B-42X Power window relay*
- B-43X –
- B-44X Door lock control unit*
- B-45X Jumper connector*
- B-46X –
- B-47X Defogger relay*
- B-48X Starter relay*
- B-49X –
- B-50X –
- B-51 No connection
- B-52 –
- B-53 Body wiring harness and instrument panel wiring harness combination
- B-54 Diode (for ABS circuit)
- B-55 Front wiring harness and junction block combination
- B-56 Front wiring harness and junction block combination
- B-57 Roof wiring harness and junction block combination

- B-58 Instrument panel wiring harness and junction block combination
- B-59 Blower motor relay
- B-60 Turn-signal and hazard flasher unit
- B-61 Body wiring harness and junction block combination
- B-62 Body wiring harness and junction block combination
- B-63 Body wiring harness and junction block combination
- B-64 Body wiring harness and junction block combination
- B-65 Body wiring harness and junction block combination
- B-66 Diode (for MFI system circuit)
- B-67 Clock spring
- B-68 Clock spring
- B-69 Data link connector
- B-70 Air bag module (squib)
- B-71 Engine control module <California>

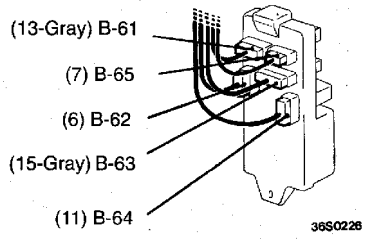
NOTE
*: Refer to CENTRALIZED JUNCTION



Junction block (Front)



(Rear)



00003700

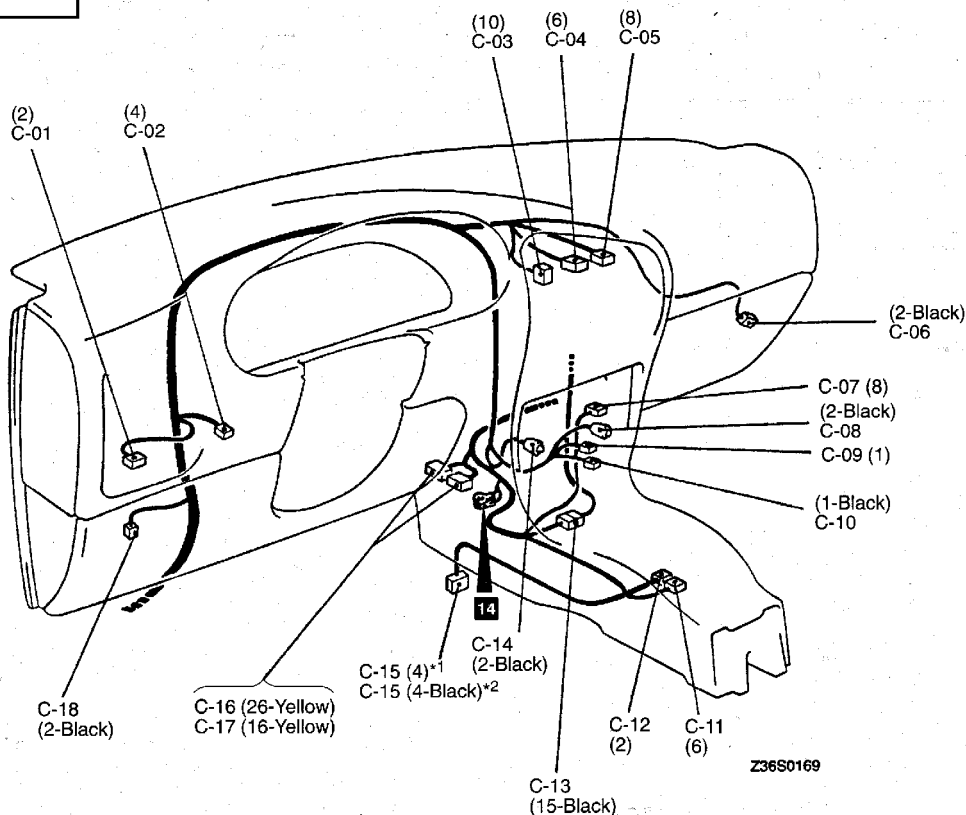
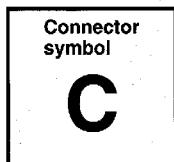
- B-36 Column switch
- B-37 Column switch
- B-38 Column switch
- B-39 Steering lock switch
- B-40 Ignition switch
- B-41X ABS power relay*
- B-42X Power window relay*
- B-43X -
- B-44X Door lock control unit*
- B-45X Jumper connector*
- B-46X -
- B-47X Defogger relay*
- B-48X Starter relay*
- B-49X -
- B-50X -
- B-51 No connection
- B-52 -
- B-53 Body wiring harness and instrument panel wiring harness combination
- B-54 Diode (for ABS circuit)
- B-55 Front wiring harness and junction block combination
- B-56 Front wiring harness and junction block combination
- B-57 Roof wiring harness and junction block combination

- B-58 Instrument panel wiring harness and junction block combination
- B-59 Blower motor relay
- B-60 Turn-signal and hazard flasher unit
- B-61 Body wiring harness and junction block combination
- B-62 Body wiring harness and junction block combination
- B-63 Body wiring harness and junction block combination
- B-64 Body wiring harness and junction block combination
- B-65 Body wiring harness and junction block combination
- B-66 -
- B-67 Clock spring
- B-68 Clock spring
- B-69 Data link connector
- B-70 Air bag module (squib)
- B-71 Engine control module

NOTE
*: Refer to CENTRALIZED JUNCTION

INSTRUMENT PANEL <Up to 1995 models>

110003542



C-01	Rheostat <Mechanical type>
C-02	Rheostat <Electronic type>
C-03	Hazard switch
C-04	Defogger switch
C-05	Auto-cruise control main switch
C-06	Front speaker (RH) <1993 models>
C-07	Multiport fuel injection relay
C-08	Cigarette lighter illumination light
C-09	Cigarette lighter
C-10	Cigarette lighter
C-11	Overdrive switch <4A/T>
C-12	A/T selector lever position illumination light <3A/T>

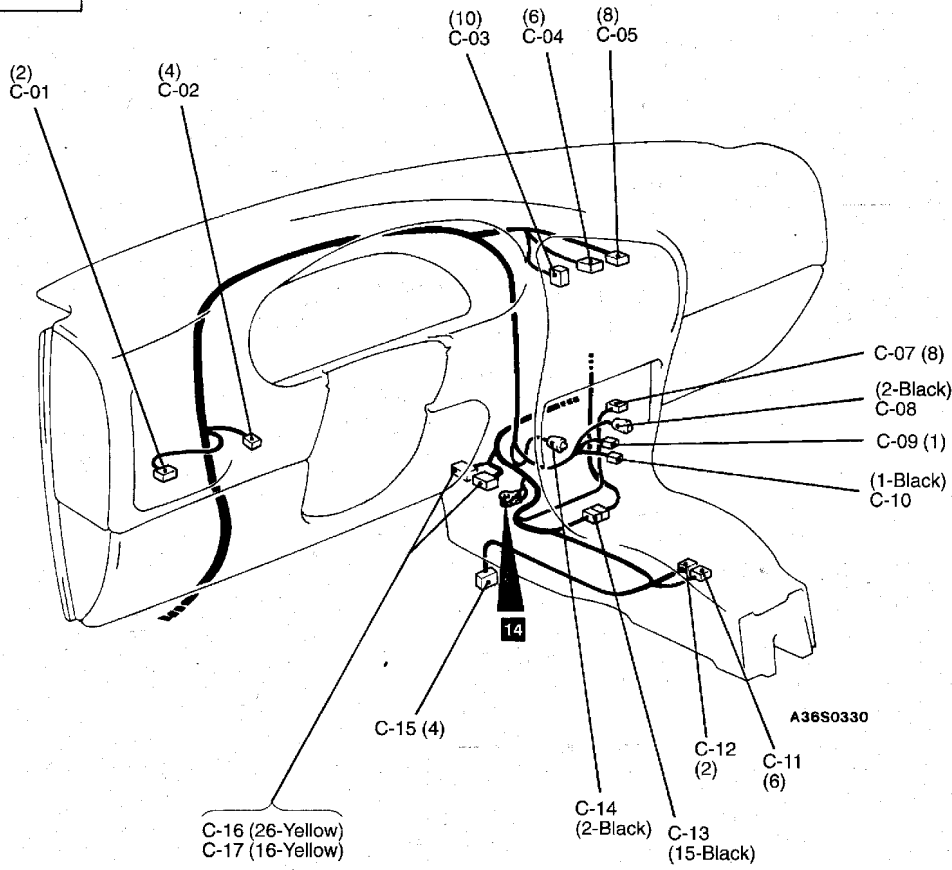
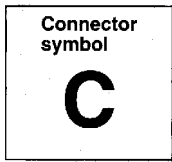
C-13	Control wiring harness and body wiring harness combination <A/T>
C-14	Ashtray illumination light
C-15	Heated oxygen sensor (rear) <California—Up to 1994 models, Federal—From 1994 models>
C-16	Transaxle control module
C-17	Transaxle control module
C-18	Front speaker (LH) <1993 models>

NOTE

*1: 1.5L engine. 1.8L engine—1995 models

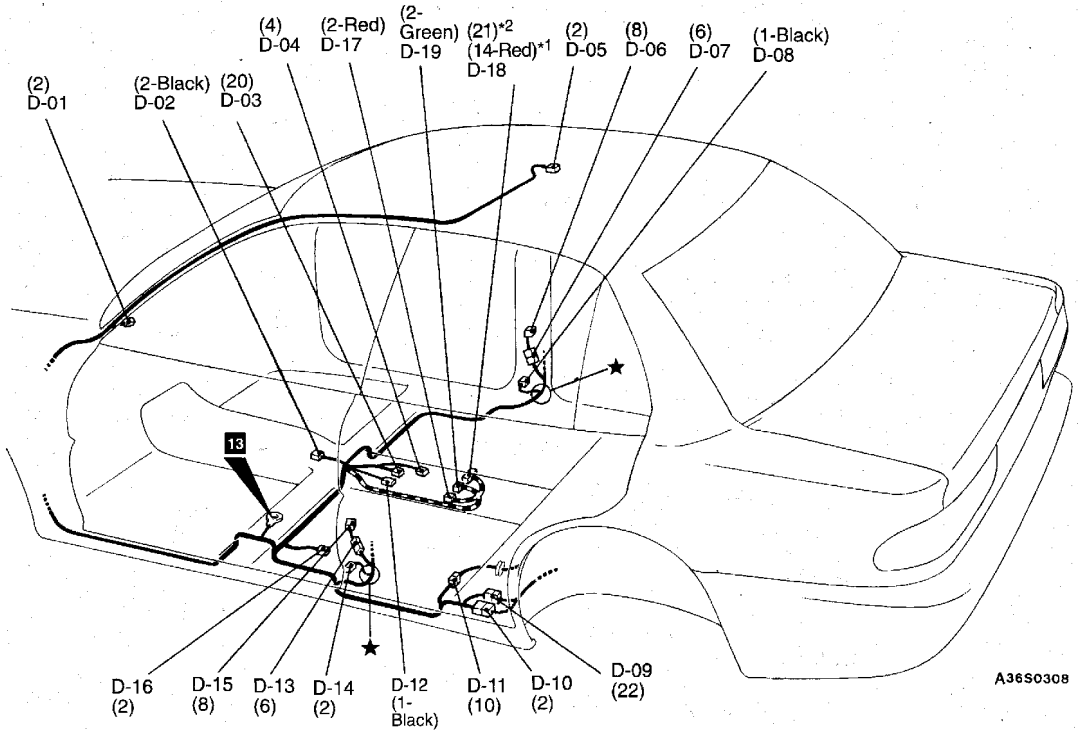
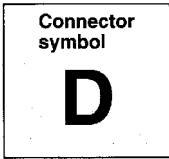
*2: 1.8L engine—Up to 1994 models

INSTRUMENT PANEL <From 1996 models>



- | | | | |
|------|--------------------------------------|------|--|
| C-01 | Rheostat <Mechanical type> | C-11 | Overdrive switch <4A/T> |
| C-02 | Rheostat <Electronic type> | C-12 | A/T selector lever position illumination light <3A/T> |
| C-03 | Hazard switch | C-13 | Control wiring harness and body wiring harness combination <A/T> |
| C-04 | Defogger switch | C-14 | Ashtray illumination light |
| C-05 | Auto-cruise control main switch | C-15 | Heated oxygen sensor (rear) <Federal> |
| C-06 | - | C-16 | Transaxle control module |
| C-07 | Multiport fuel injection relay | C-17 | Transaxle control module |
| C-08 | Cigarette lighter illumination light | | |
| C-09 | Cigarette lighter | | |
| C-10 | Cigarette lighter | | |

INTERIOR



- D-01 Release switch (LH) <For automatic seat belt>
<1993 models>
- D-02 No connection
- D-03 Automatic seat belt control unit
<Up to 1994 models>
- D-04 Outer switch <Up to 1994 models>
- D-05 Dome light
- D-06 Automatic seat belt motor assembly (RH)
<Up to 1994 models>
- D-07 Automatic seat belt motor relay (RH)
<Up to 1994 models>
- D-08 Front door switch (RH)
- D-09 Body wiring harness and rear wiring harness
combination
- D-10 Body wiring harness and rear wiring harness
combination

- D-11 Body wiring harness and fuel pump wiring
harness combination
- D-12 Parking brake switch
- D-13 Automatic seat belt motor assembly (LH)
<1993 models>
- D-14 Front door switch (LH)
- D-15 Automatic seat belt motor relay (LH)
<1993 models>
- D-16 Seat belt buckle switch
- D-17 SRS air bag control unit <1994, 1995 models>
- D-18 SRS air bag control unit <From 1994 models>
- D-19 SRS air bag control unit <1995 models>

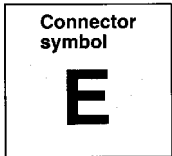
NOTE

*1: 1994, 1995 models

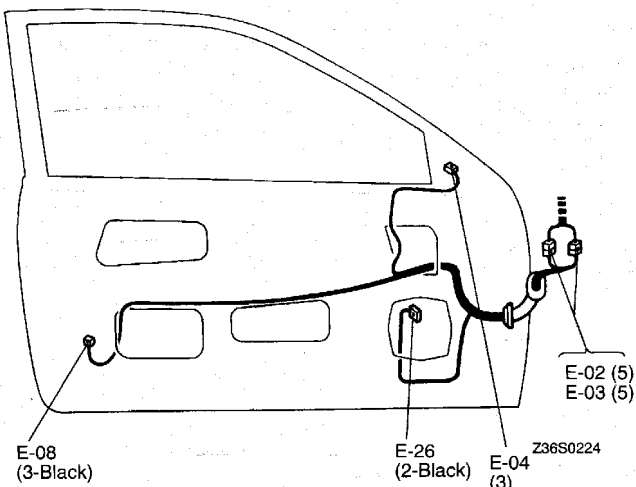
*2: From 1996 models

DOOR (2-DOOR MODELS) <Up to 1995 models>

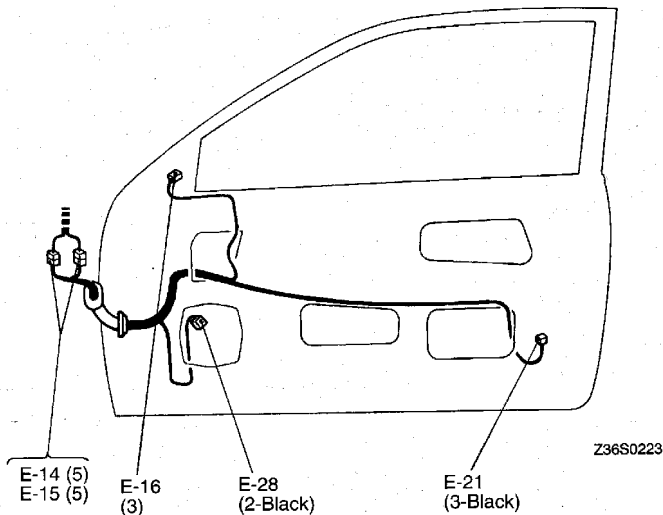
110003544



<Driver's side door>



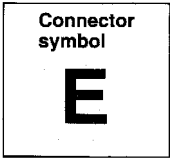
<Passenger's side door>



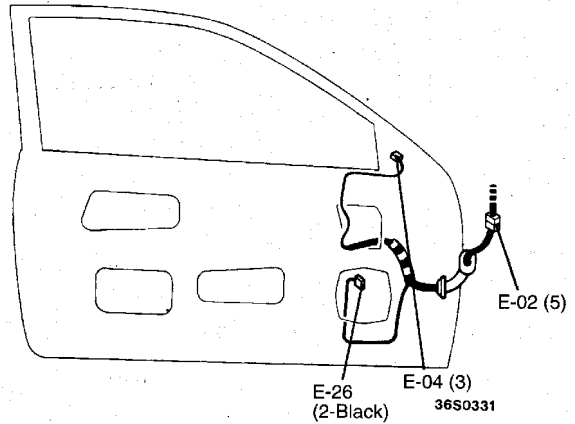
E-01	—	E-15	Body wiring harness and door wiring harness (RH) combination
E-02	Body wiring harness and door wiring harness (LH) combination	E-16	Remote controlled mirror (RH)
E-03	Body wiring harness and door wiring harness (LH) combination <1993 models>	E-17	—
E-04	Remote controlled mirror (LH)	E-18	—
E-05	—	E-19	—
E-06	—	E-20	—
E-07	—	E-21	Door latch switch (RH) <Up to 1994 models>
E-08	Door latch switch (LH) <1993 models>	E-22	—
E-09	—	E-23	—
E-10	—	E-24	—
E-11	—	E-25	—
E-12	—	E-26	Front speaker (LH) <From 1994 models>
E-13	—	E-27	—
E-14	Body wiring harness and door wiring harness (RH) combination	E-28	Front speaker (RH) <From 1994 models>

DOOR (2-DOOR MODELS) <From 1996 models>

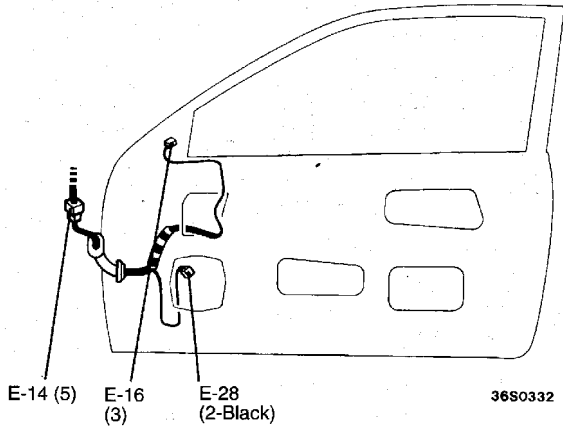
110003544



<Driver's side door>



<Passenger's side door>



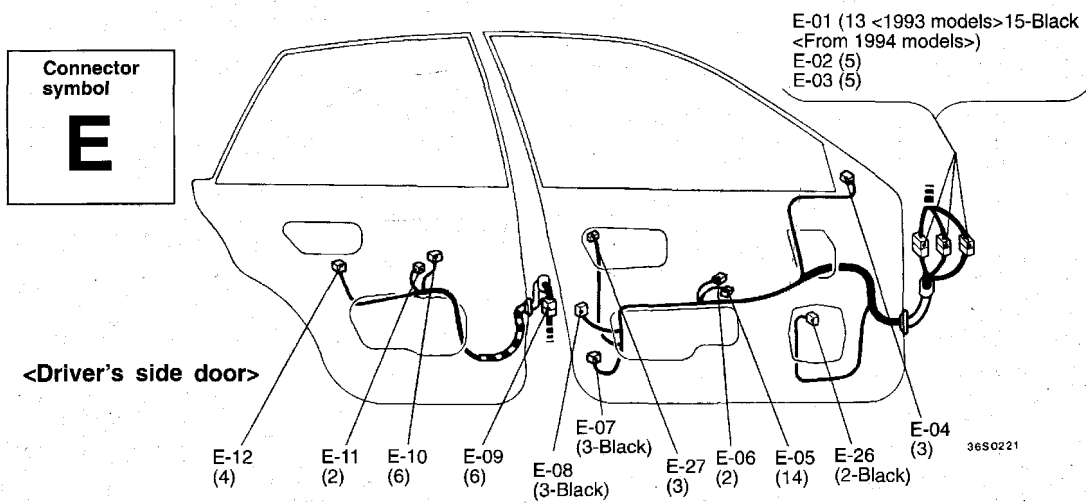
00003701

- E-01 –
- E-02 Body wiring harness and door wiring harness (LH) combination
- E-03 –
- E-04 Remote controlled mirror (LH)
- E-05 –
- E-06 –
- E-07 –
- E-08 –
- E-09 –
- E-10 –
- E-11 –
- E-12 –
- E-13 –
- E-14 Body wiring harness and door wiring harness (RH) combination

- E-15 –
- E-16 Remote controlled mirror (RH)
- E-17 –
- E-18 –
- E-19 –
- E-20 –
- E-21 –
- E-22 –
- E-23 –
- E-24 –
- E-25 –
- E-26 Front speaker (LH)
- E-27 –
- E-28 Front speaker (RH)

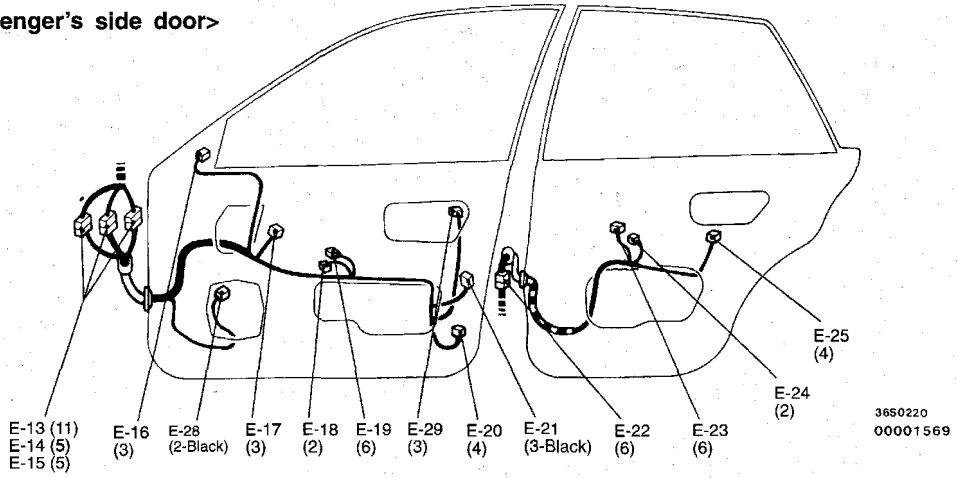
DOOR (4-DOOR MODELS) <Up to 1995 models>

110003545



<Driver's side door>

<Passenger's side door>

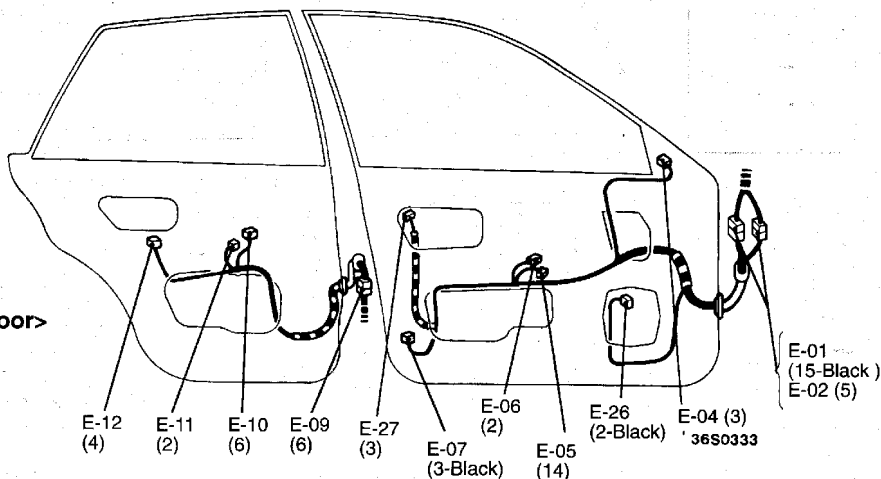


- | | |
|--|---|
| <p>E-01 Body wiring harness and front door wiring harness (LH) combination</p> <p>E-02 Body wiring harness and front door wiring harness (LH) combination</p> <p>E-03 Body wiring harness and front door wiring harness (LH) combination <1993 models></p> <p>E-04 Remote controlled mirror (LH)</p> <p>E-05 Power window main switch</p> <p>E-06 Front power window motor (LH)</p> <p>E-07 Front door lock actuator (LH)</p> <p>E-08 Front door latch switch (LH) <1993 models></p> <p>E-09 Body wiring harness and rear door wiring harness (LH) combination</p> <p>E-10 Rear power window sub switch (LH)</p> <p>E-11 Rear power window motor (LH)</p> <p>E-12 Rear door lock actuator (LH)</p> <p>E-13 Body wiring harness and front door wiring harness (RH) combination</p> <p>E-14 Body wiring harness and front door wiring harness (RH) combination</p> | <p>E-15 Body wiring harness and front door wiring harness (RH) combination <Up to 1994 models></p> <p>E-16 Remote controlled mirror (RH)</p> <p>E-17 Door lock switch (RH)</p> <p>E-18 Front power window motor (RH)</p> <p>E-19 Front power window sub switch</p> <p>E-20 Front door lock actuator (RH)</p> <p>E-21 Door latch switch (RH) <Up to 1994 models></p> <p>E-22 Body wiring harness and rear door wiring harness (RH) combination</p> <p>E-23 Rear power window sub switch (RH)</p> <p>E-24 Rear power window motor (RH)</p> <p>E-25 Rear door lock actuator (RH)</p> <p>E-26 Front speaker (LH) <From 1994 models></p> <p>E-27 Door lock key cylinder switch (LH) <From 1994 models></p> <p>E-28 Front speaker (RH) <From 1994 models></p> <p>E-29 Door lock key cylinder switch (RH) <From 1994 models></p> |
|--|---|

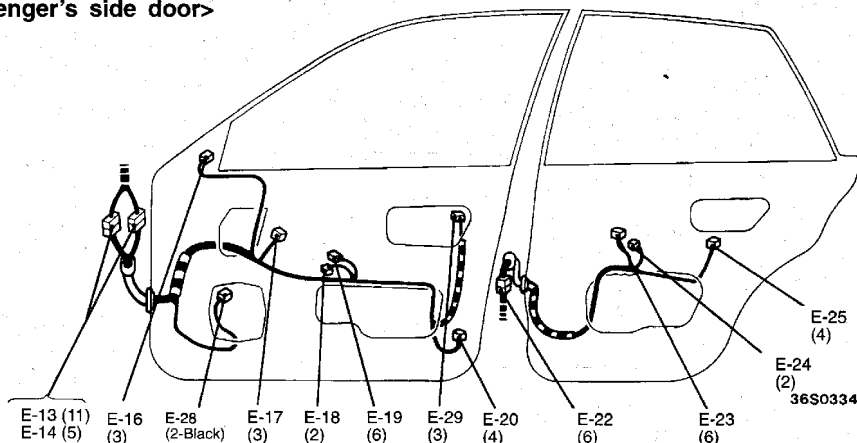
DOOR (4-DOOR MODELS) <From 1996 models>

Connector
symbol**E**

<Driver's side door>



<Passenger's side door>



00003702

E-01	Body wiring harness and front door wiring harness (LH) combination	E-15	-
E-02	Body wiring harness and front door wiring harness (LH) combination	E-16	Remote controlled mirror (RH)
E-03	-	E-17	Door lock switch (RH)
E-04	Remote controlled mirror (LH)	E-18	Front power window motor (RH)
E-05	Power window main switch	E-19	Front power window sub switch
E-06	Front power window motor (LH)	E-20	Front door lock actuator (RH)
E-07	Front door lock actuator (LH)	E-21	-
E-08	-	E-22	Body wiring harness and rear door wiring harness (RH) combination
E-09	Body wiring harness and rear door wiring harness (LH) combination	E-23	Rear power window sub switch (RH)
E-10	Rear power window sub switch (LH)	E-24	Rear power window motor (RH)
E-11	Rear power window motor (LH)	E-25	Rear door lock actuator (RH)
E-12	Rear door lock actuator (LH)	E-26	Front speaker (LH)
E-13	Body wiring harness and front door wiring harness (RH) combination	E-27	Door lock key cylinder switch (LH)
E-14	Body wiring harness and front door wiring harness (RH) combination	E-28	Front speaker (RH)
		E-29	Door lock key cylinder switch (RH)

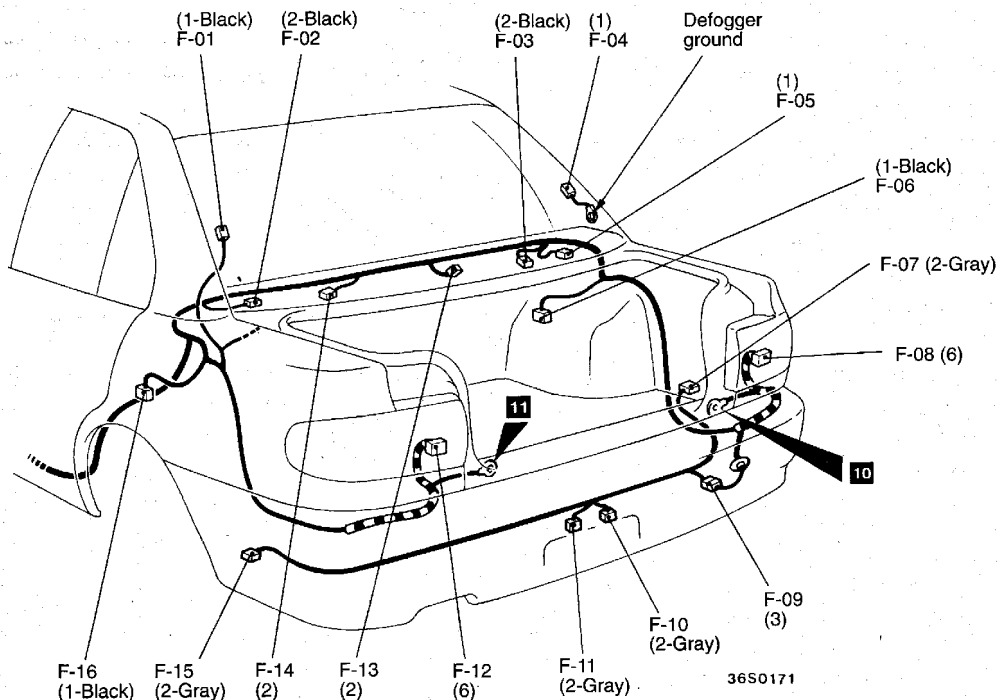
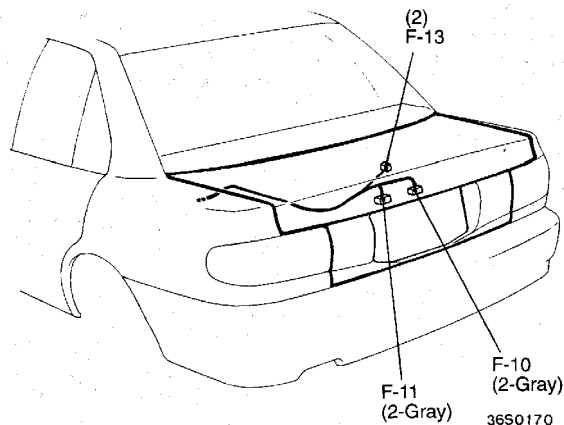
TSB Revision

LUGGAGE COMPARTMENT

110003546

Connector symbol

F

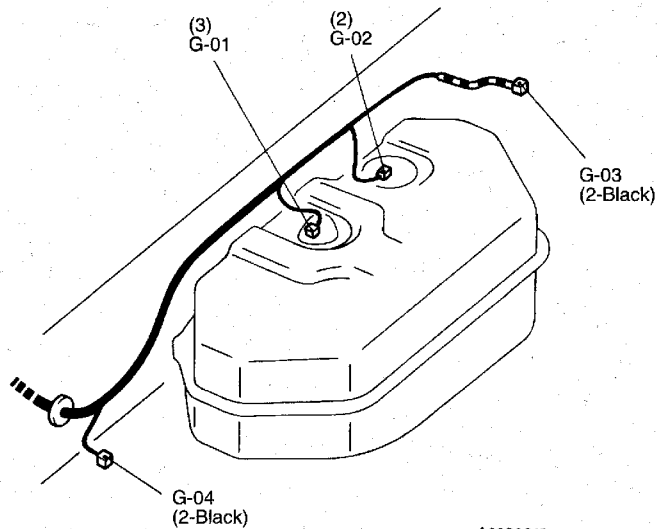
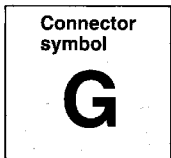


00001570

- | | | | |
|------|----------------------------------|------|--|
| F-01 | Defogger (+) | F-09 | Rear wiring harness and rear bumper wiring harness combination |
| F-02 | Rear speaker (LH) | F-10 | License plate light (RH) |
| F-03 | Rear speaker (RH) | F-11 | License plate light (LH) |
| F-04 | Defogger (-) | F-12 | Rear combination light (LH) |
| F-05 | Luggage compartment light switch | F-13 | High-mounted stop light |
| F-06 | Rear door switch (RH) | F-14 | Luggage compartment light |
| F-07 | Rear side-marker light (RH) | F-15 | Rear side-marker light (LH) |
| F-08 | Rear combination light (RH) | F-16 | Rear door switch (LH) |

TSB Revision

UNDER REAR FLOOR



A36S0018

G-01 Fuel gauge unit
G-02 Fuel pump

G-03 ABS speed sensor (Rear: RH)
G-04 ABS speed sensor (Rear: LH)

CIRCUIT DIAGRAMS

CONTENTS

110003548

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Headlight	54-20	Turn-signal Light and Hazard Light	54-34
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HOW TO READ CIRCUIT DIAGRAMS

The circuit of each system from the fuse (or fusible link) to ground is shown. The power supply is shown at the top and the ground at the bottom to facilitate understanding of how the current flows.

Indicates power takeout.

Indicates connector No. The same No. as in the wiring harness diagram is used. Connector numbers enclosed by frame are indicated with the connector symbols at the lower part of the page. For wiring harness built-in device, its connector number is not enclosed.

From another circuit

Indicates harness junction point No. for another system. It corresponds to the junction point No. indicated on the destination system circuit diagram.

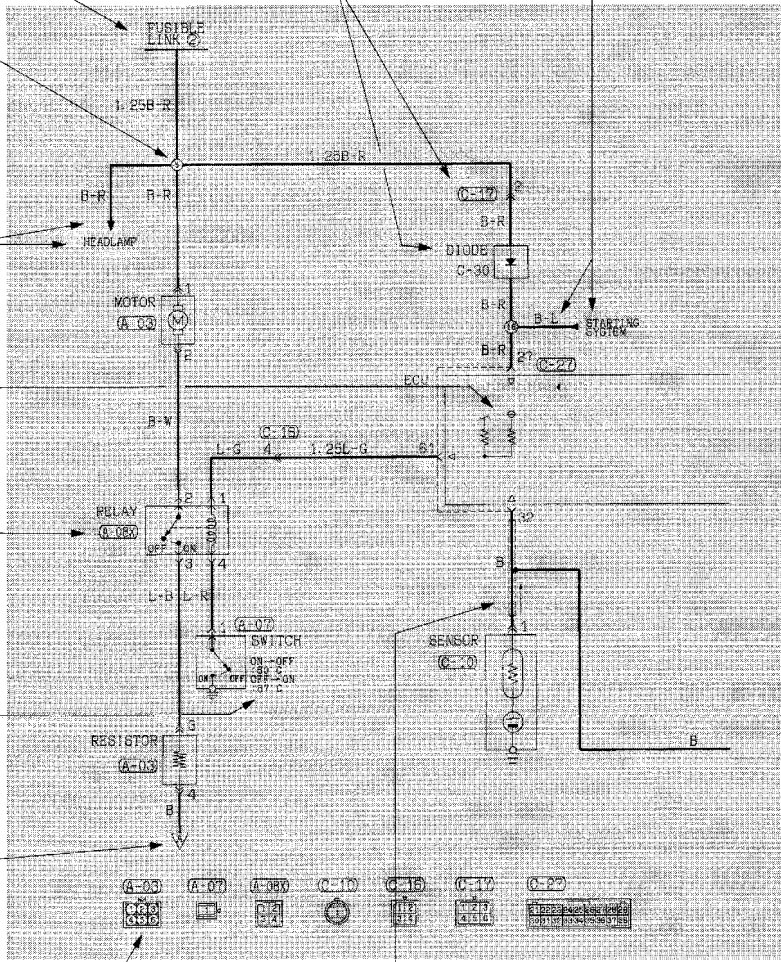
To another circuit

Indicates the power supply in the control unit. If no voltage is displayed, this indicates battery positive voltage.

An "X" at the end of a connector No. indicates that the connector is connected to a centralized junction that is shown in the section "Centralized Junction".

Indicates the operating conditions of the engine coolant switch, etc.

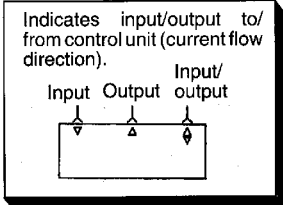
Indicates that the diagram continues at ∇ in the same circuit.



Indicates the connector symbol. Connectors in the circuit diagram are indicated in numerical order.

Indicates shield wire.

HFO0M00AA



A broken line indicates that these connectors are the same intermediate connectors.

Indicates that the diagram comes from in the same circuit.

Indicates terminal No.

In case two or more connectors are connected to the same device, markings indicating the same connector are connected by a broken line.

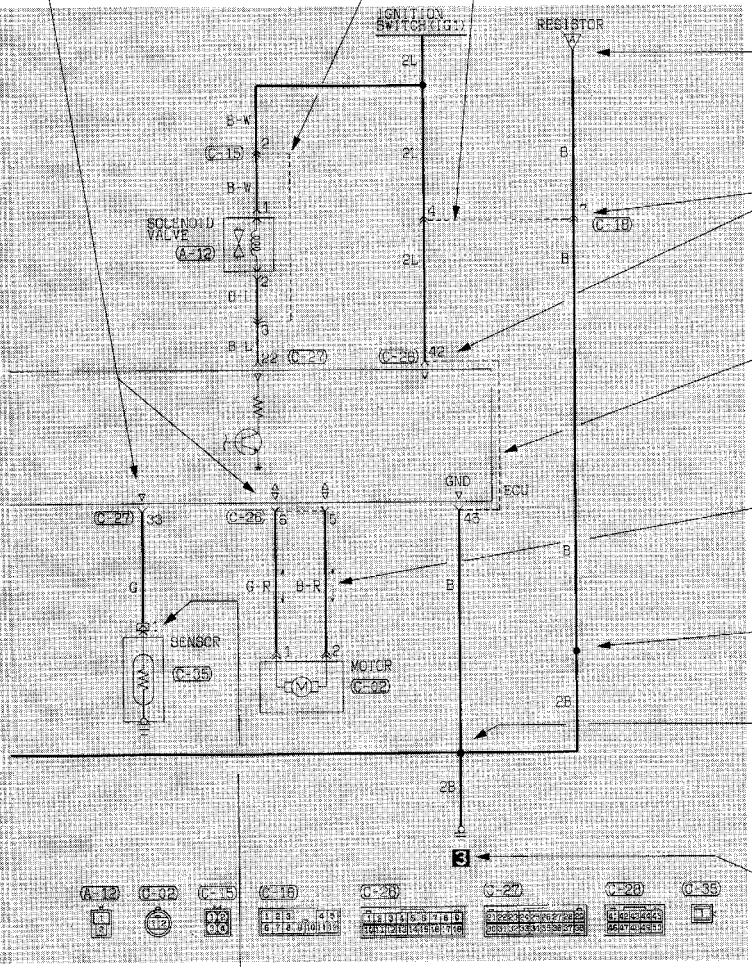
Indicates current flow downward or upward as controlled by the control unit.

Indicates harness junction where wire diameter or color changes.

Indicates intersections at which the lead wires are not connected.

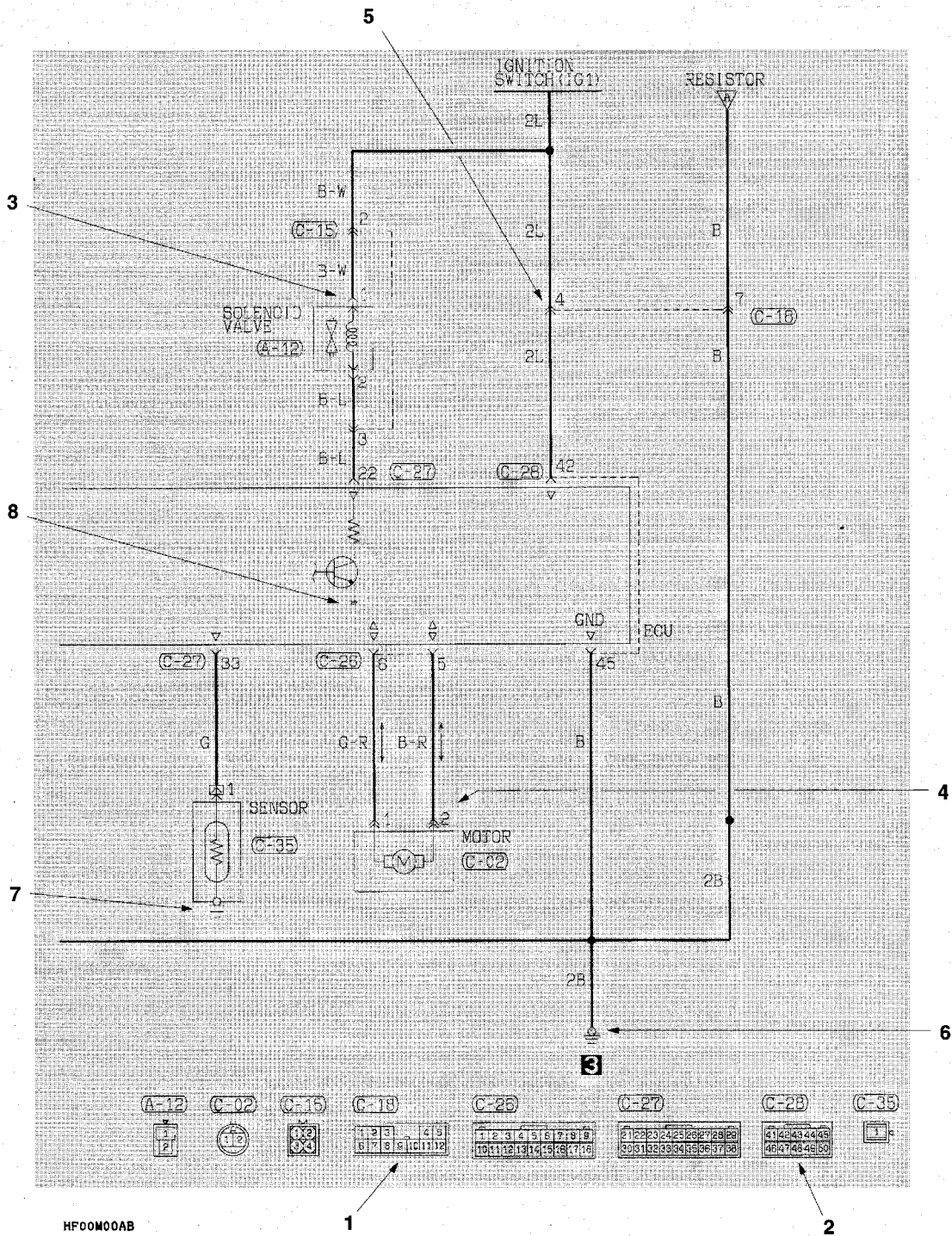
Indicates intersections at which the lead wires are connected.

Indicates vehicle body ground point. (Same No. as that of ground point in GROUNDING LOCATION).



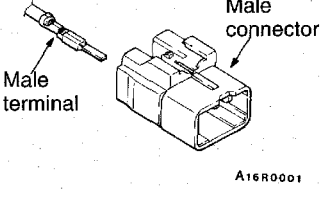


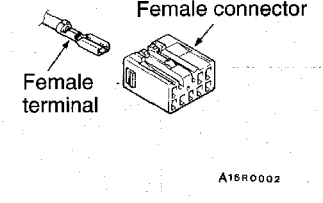


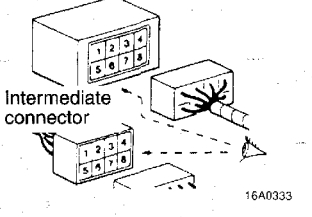

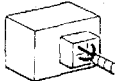


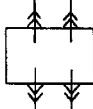
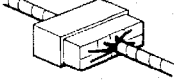

Indicates that the terminal is a spare one if the device (sensor in this case) is not provided.

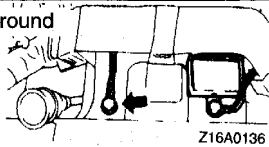

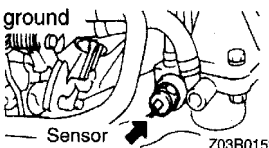

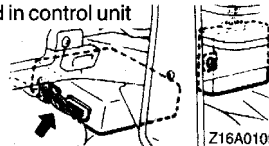

CONNECTOR / GROUNDING INDICATIONS



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TSB Revision

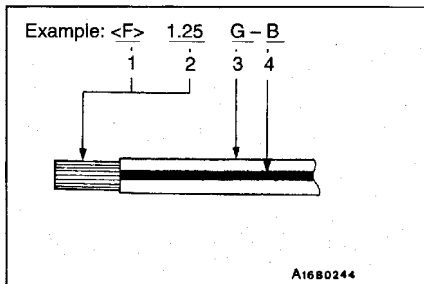
Item	No.	Connector / Grounding	Symbol	Contents
<p>Connector and terminal marking</p>	1		<p>Male terminal</p> 	<p>The male and female terminals are indicated as shown. The connector with male terminal(s) is called as male connector and indicated by double connector contour lines, while the connector with female terminal(s) is called as female connector and indicated by single connector contour line.</p>
			<p>Male connector</p> 	
	-		<p>Female terminal</p> 	
			<p>Female connector</p> 	
<p>Connector symbol marking</p>	2	<p>Device</p> 		<p>The symbol indicates the connector as viewed from the illustrated direction. At the connection with a device, the connector symbol on the device side is shown, and for an intermediate connector, the male connector symbol is shown.</p> <p>For an open connector (like connector not used, connector for inspection, etc.), harness side connector symbol is shown.</p>
<p>Connector connection marking</p>	3	<p>Direct connection type</p> 		<p>A connection between a device and connector on the harness side is either by direct insertion in the device (direct connection type) or by connection with a harness connector furnished on the device side (harness connection type). The two types are indicated as illustrated.</p>
4	<p>Harness connection type</p> 			
5	<p>Intermediate connector</p> 			

Item	No.	Connector / Grounding	Symbol	Contents
Grounding markings	6	Body ground  Z16A0136		Grounding is either by body ground, device ground or control unit interior ground. These are indicated as illustrated.
	7	Device ground  Sensor Z03R0152		
	8	Ground in control unit  Z16A0109		

WIRE COLOR CODES

Wire colors are identified by the following color codes.

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



If a cable has two colors, the first of the two color code characters indicates the basic color (color of the cable coating) and the second indicates the marking color.

No.	Meaning
1	<F>: Flexible wire
	<T>: Twisted wire
2	Wire size (mm ²)
3	Basic color (color of the cable coating)
4	Marking color

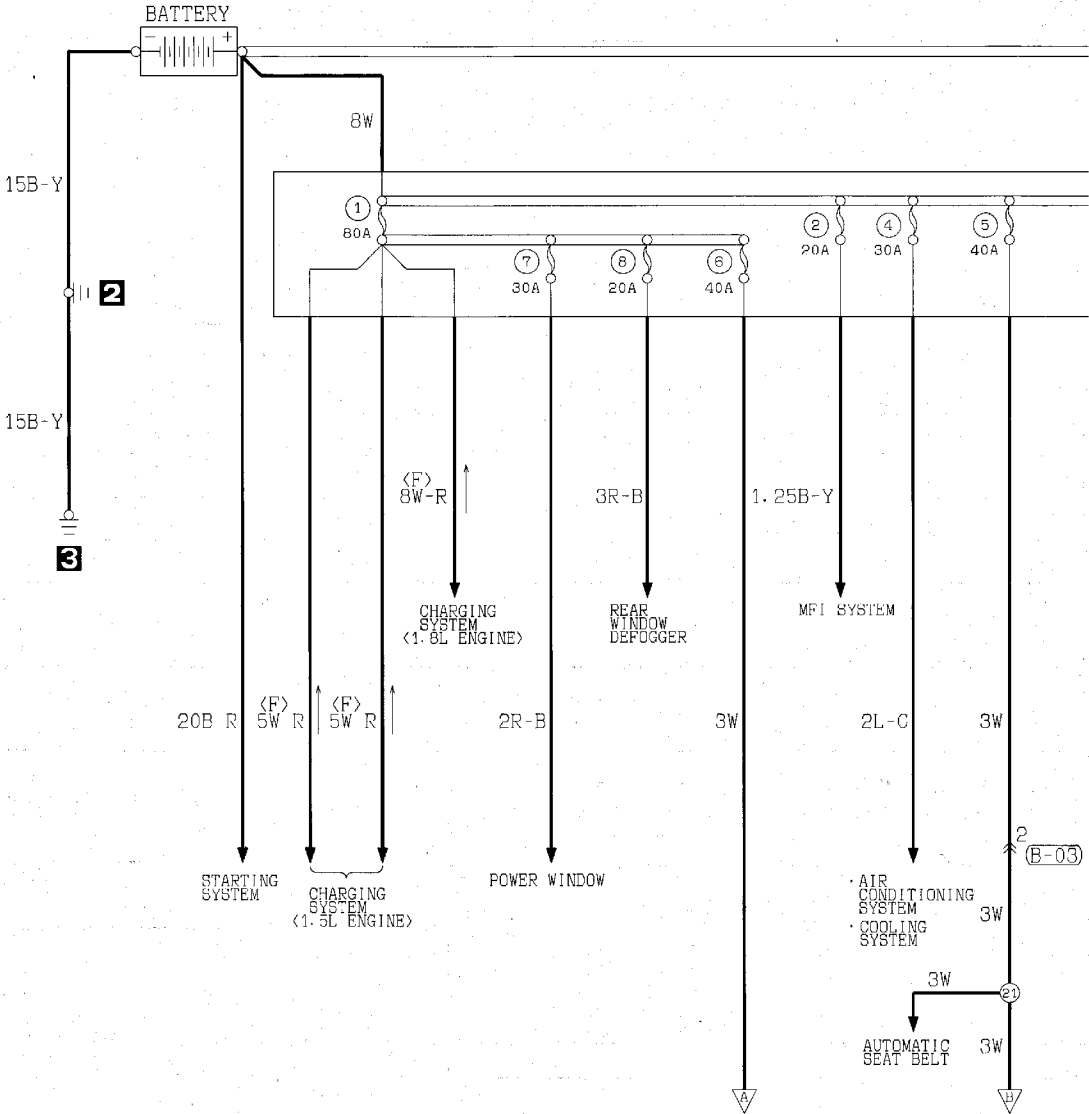
NOTE

*: No code indicates 0.5 mm² (.0008 in.²)
Cable color code in parentheses indicates 0.3 mm² (.0005 in.²).

POWER DISTRIBUTION SYSTEM

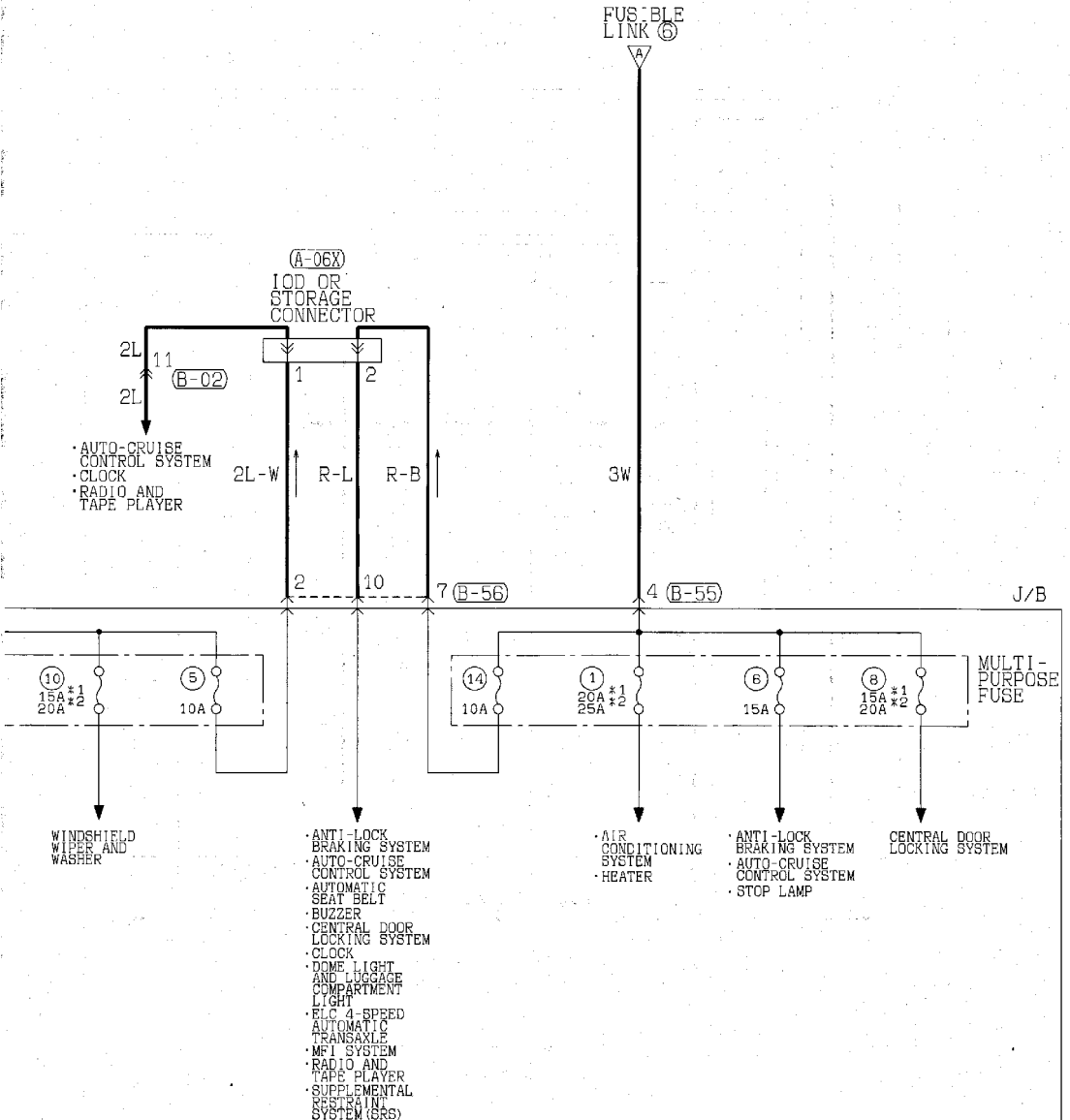
110003549

<UP TO 1994 MODELS>

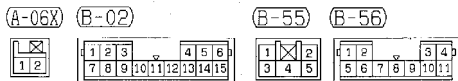


(B-03)

1	2	3
4	5	6



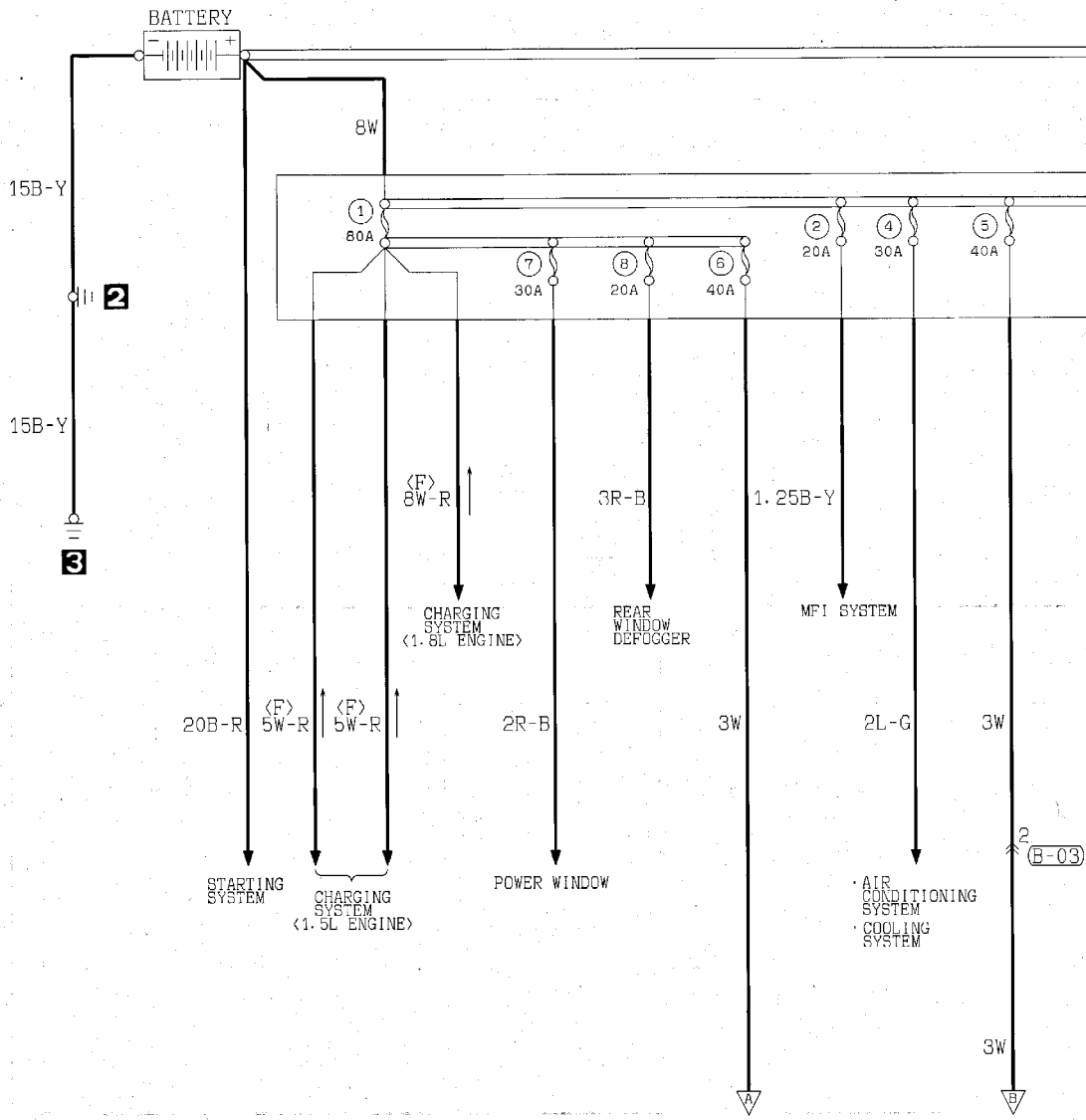
*1: 1993 MODELS
*2: 1994 MODELS



POWER DISTRIBUTION SYSTEM

110003550

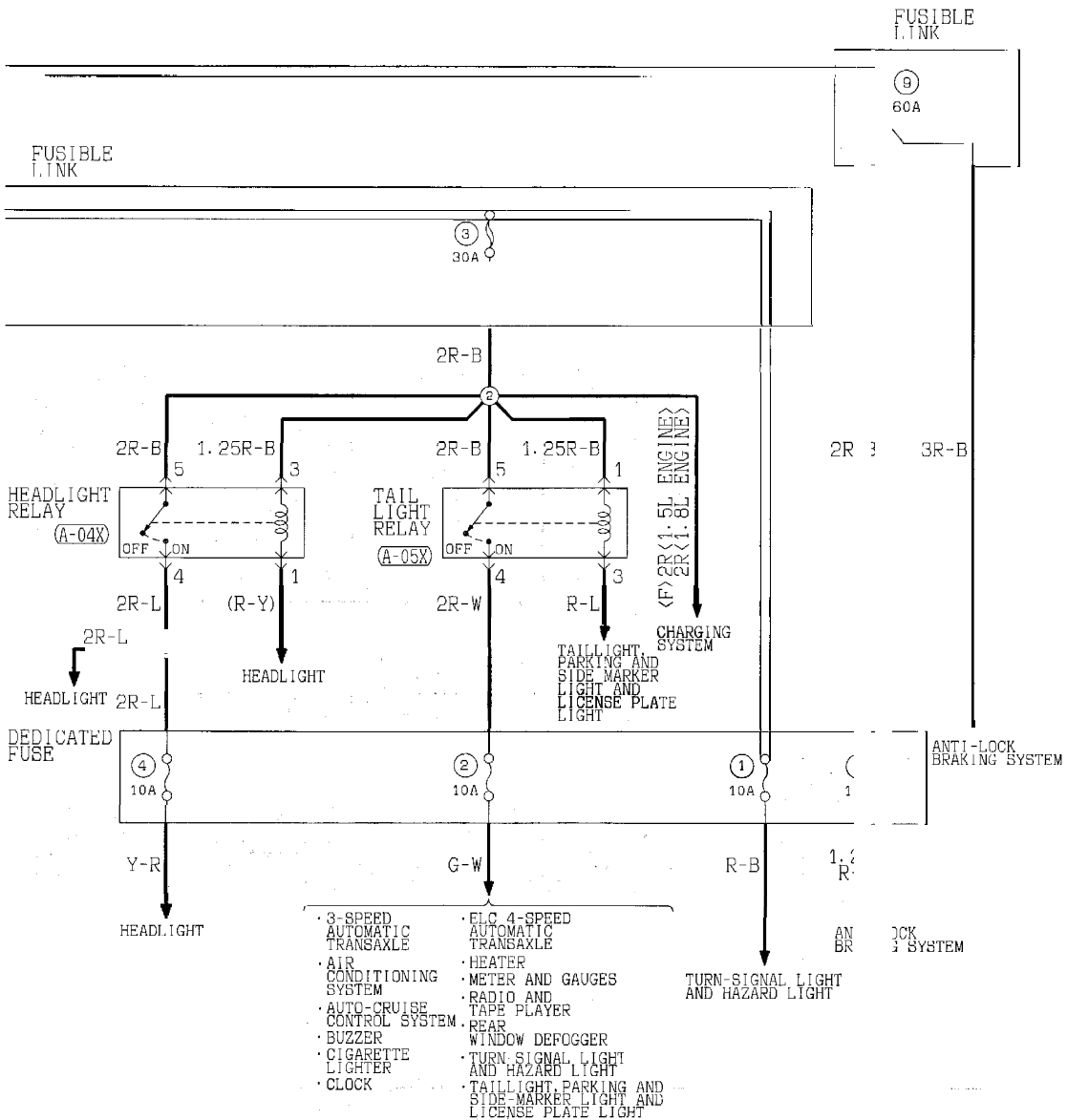
<FROM 1995 MODELS>



B-03

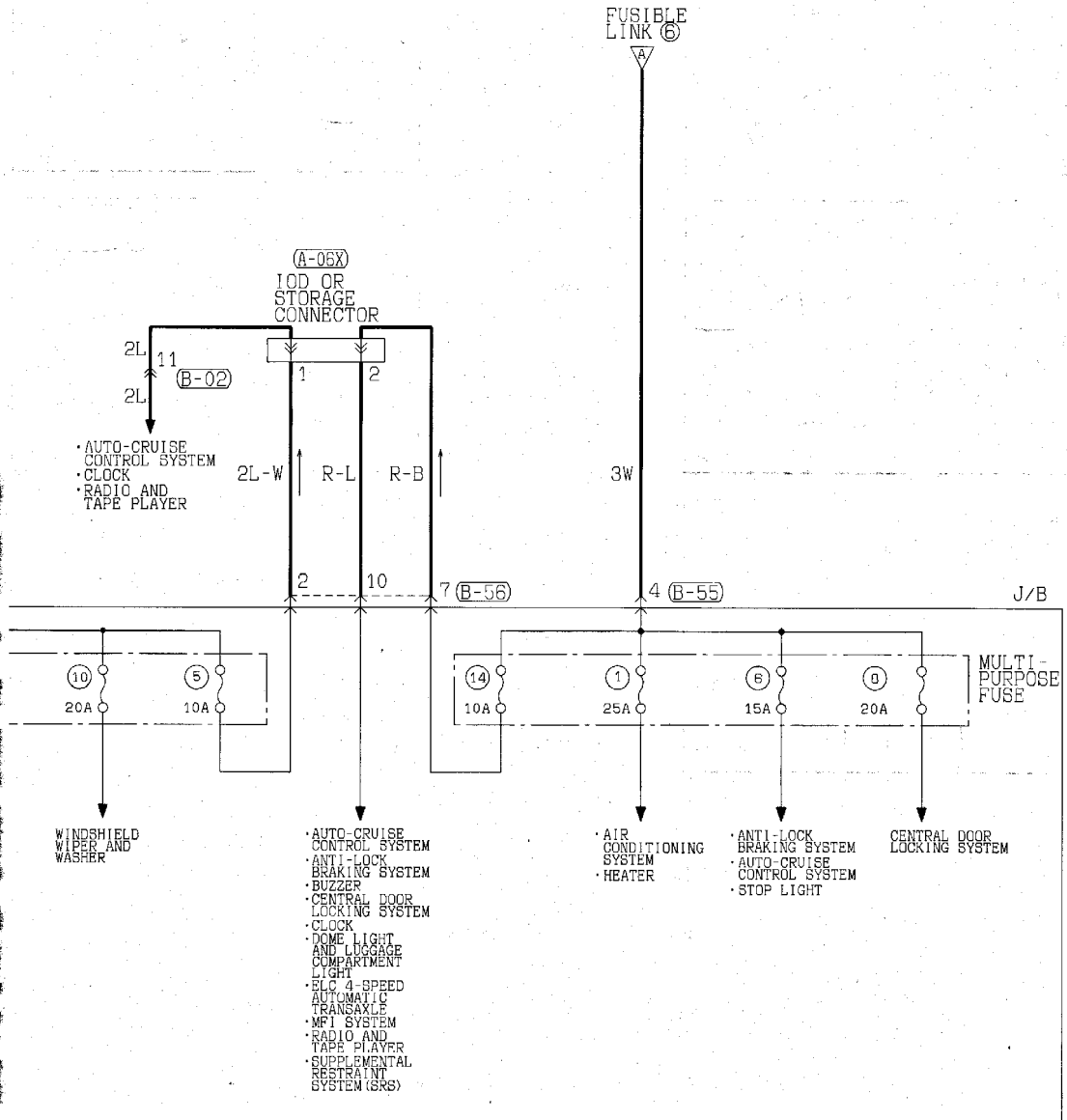
1	2	3
4	5	6

B-03



(A-04X) (A-05X)





(A-06X)

(B-02)

(B-55)

(B-56)

L	X
1	2

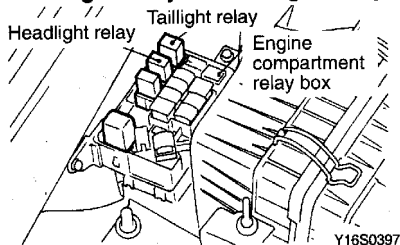
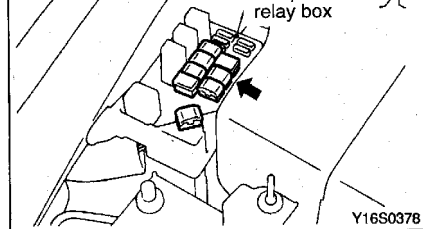
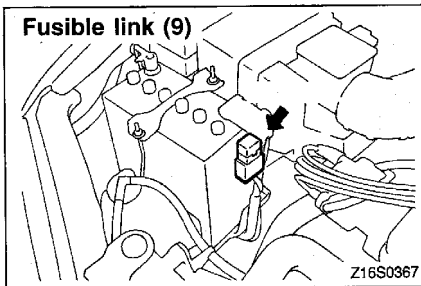
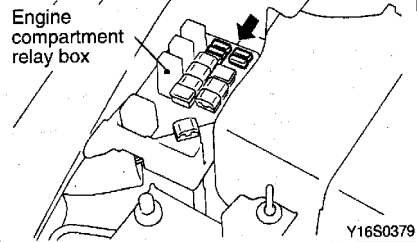
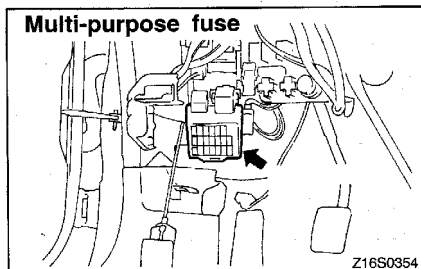
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15			

1	X	2
3	4	5

1	2	3	4
5	6	7	8
9	10	11	

COMPONENT LOCATION

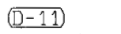
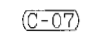
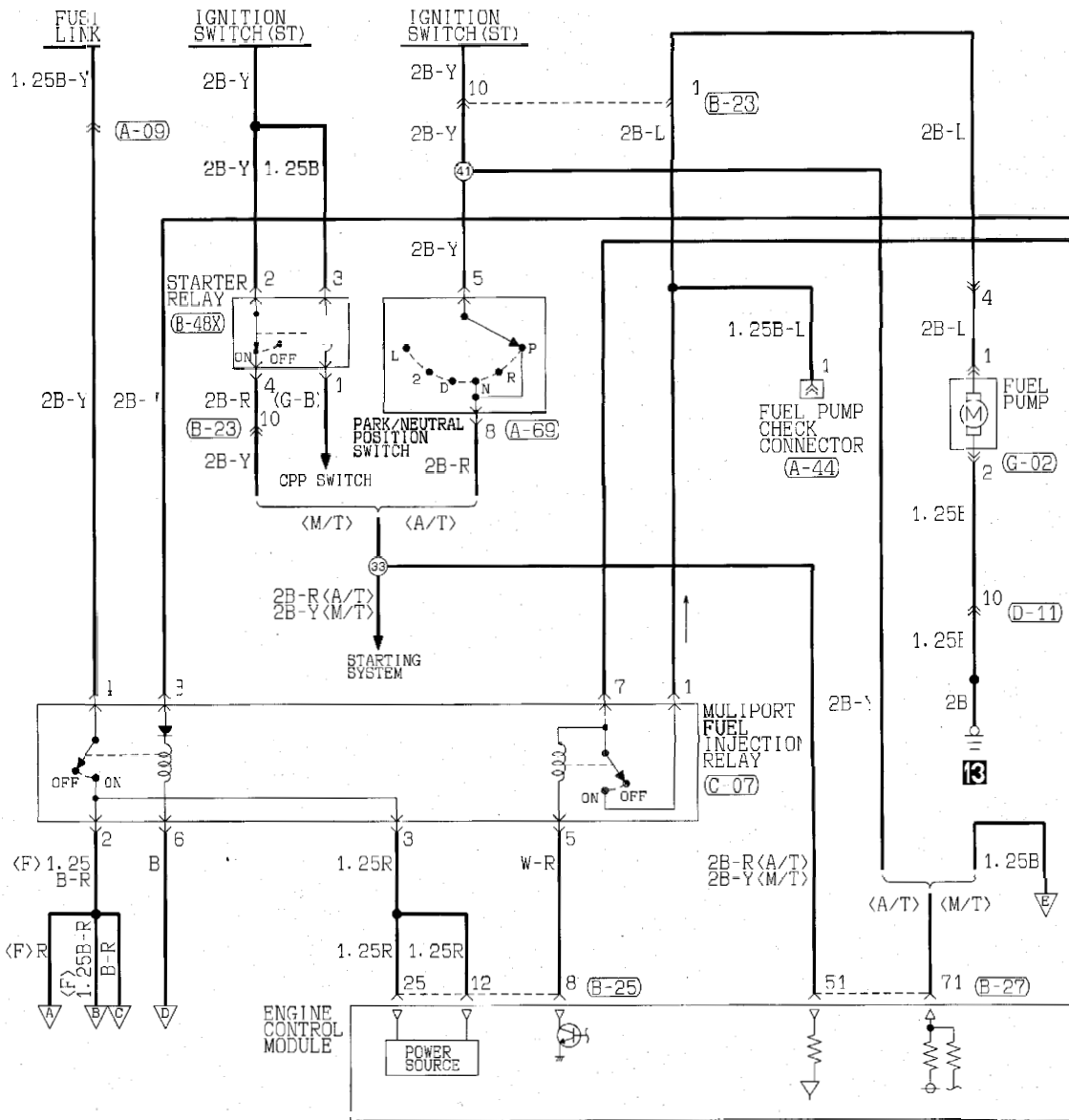
110003551

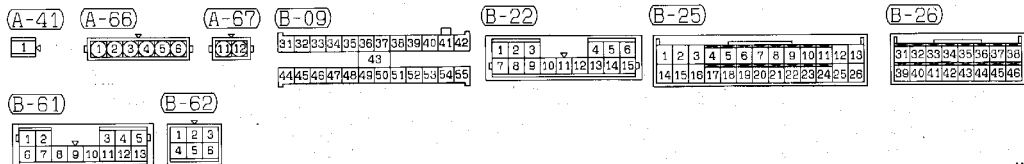
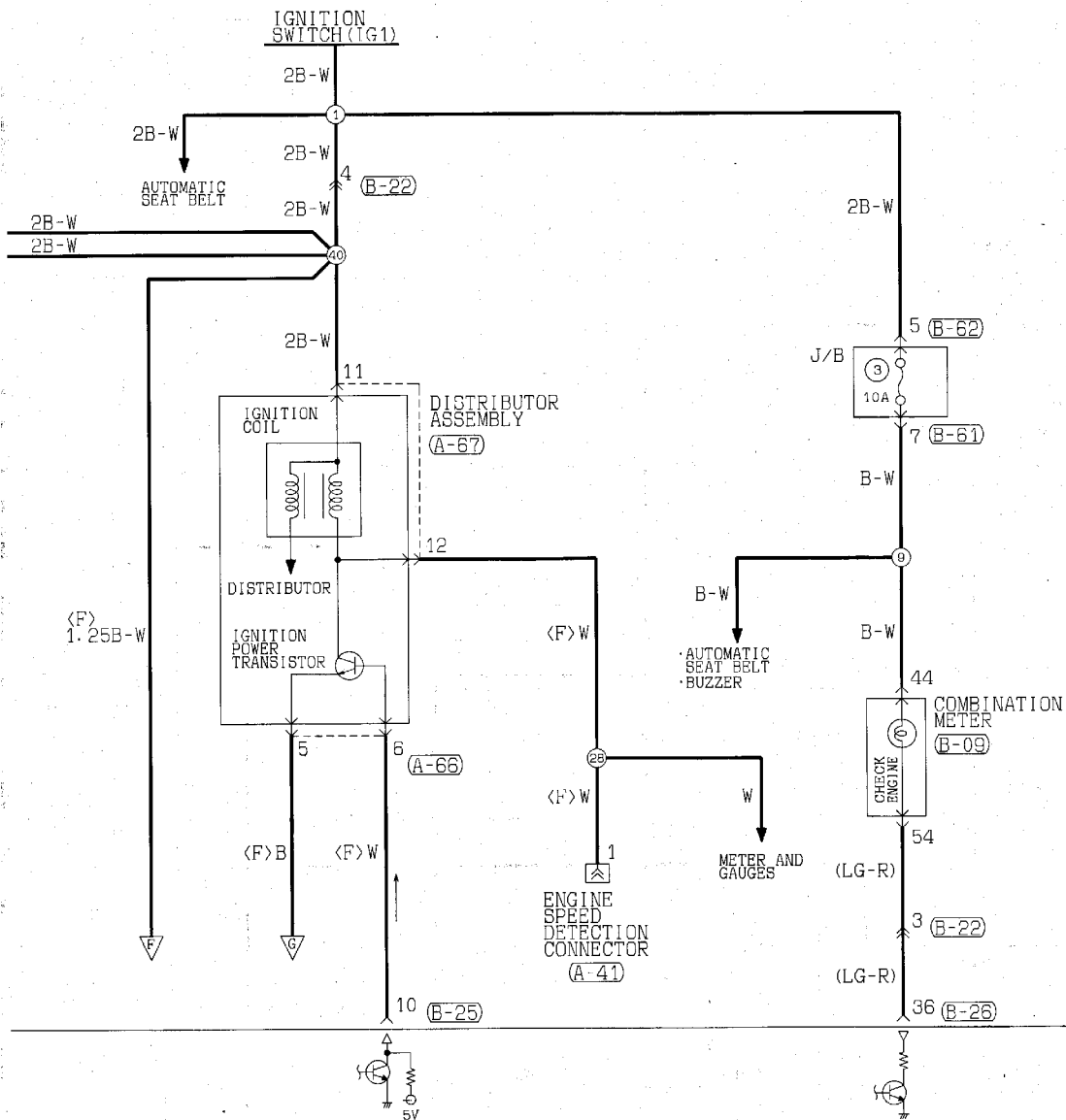
Headlight relay and Taillight relay**Fusible link (1 to 8)** Engine compartment relay box**Fusible link (9)****Dedicated fuse****Multi-purpose fuse**

MFI SYSTEM

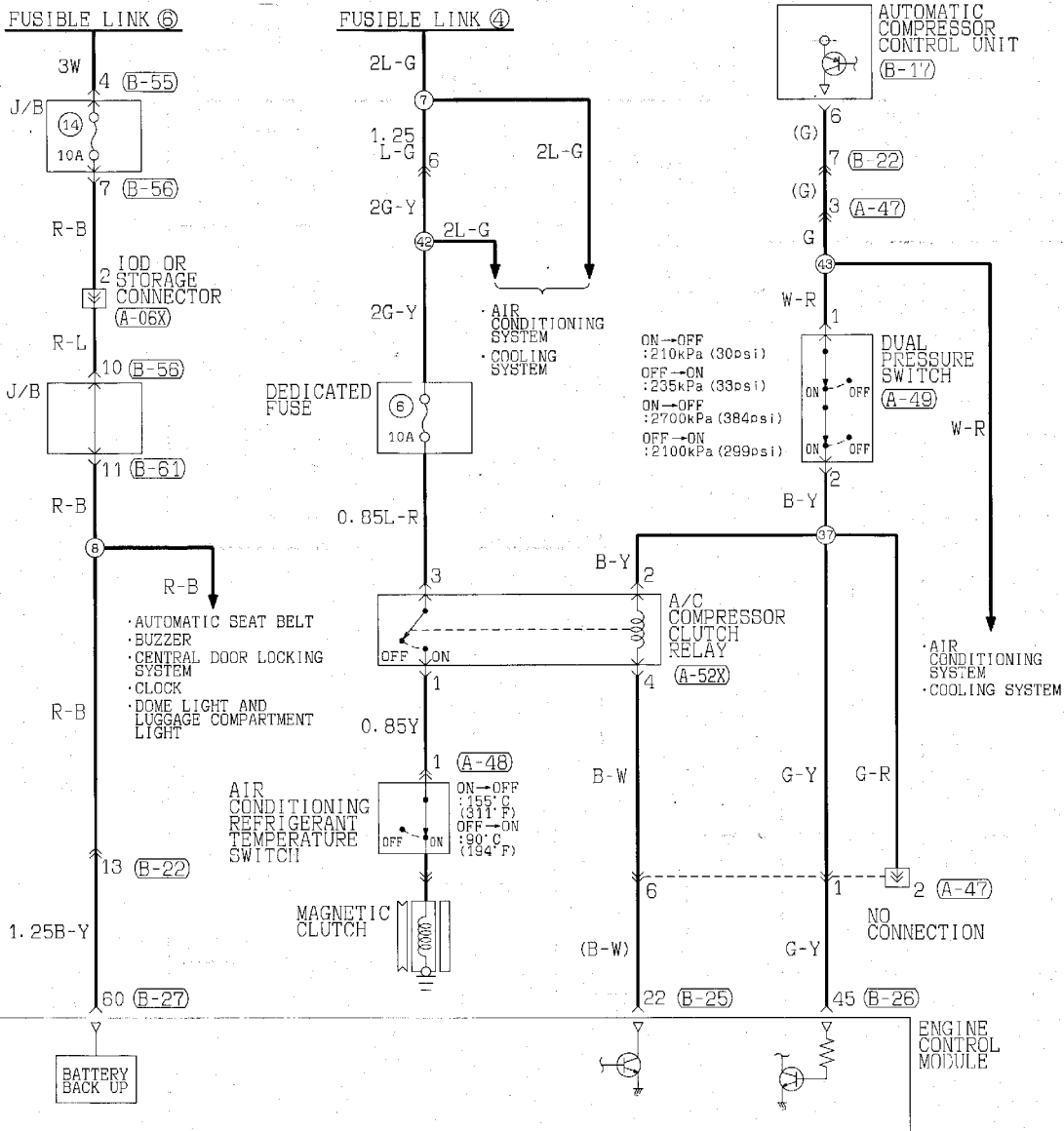
110003552

<1.5L ENGINE (1993 MODELS)>

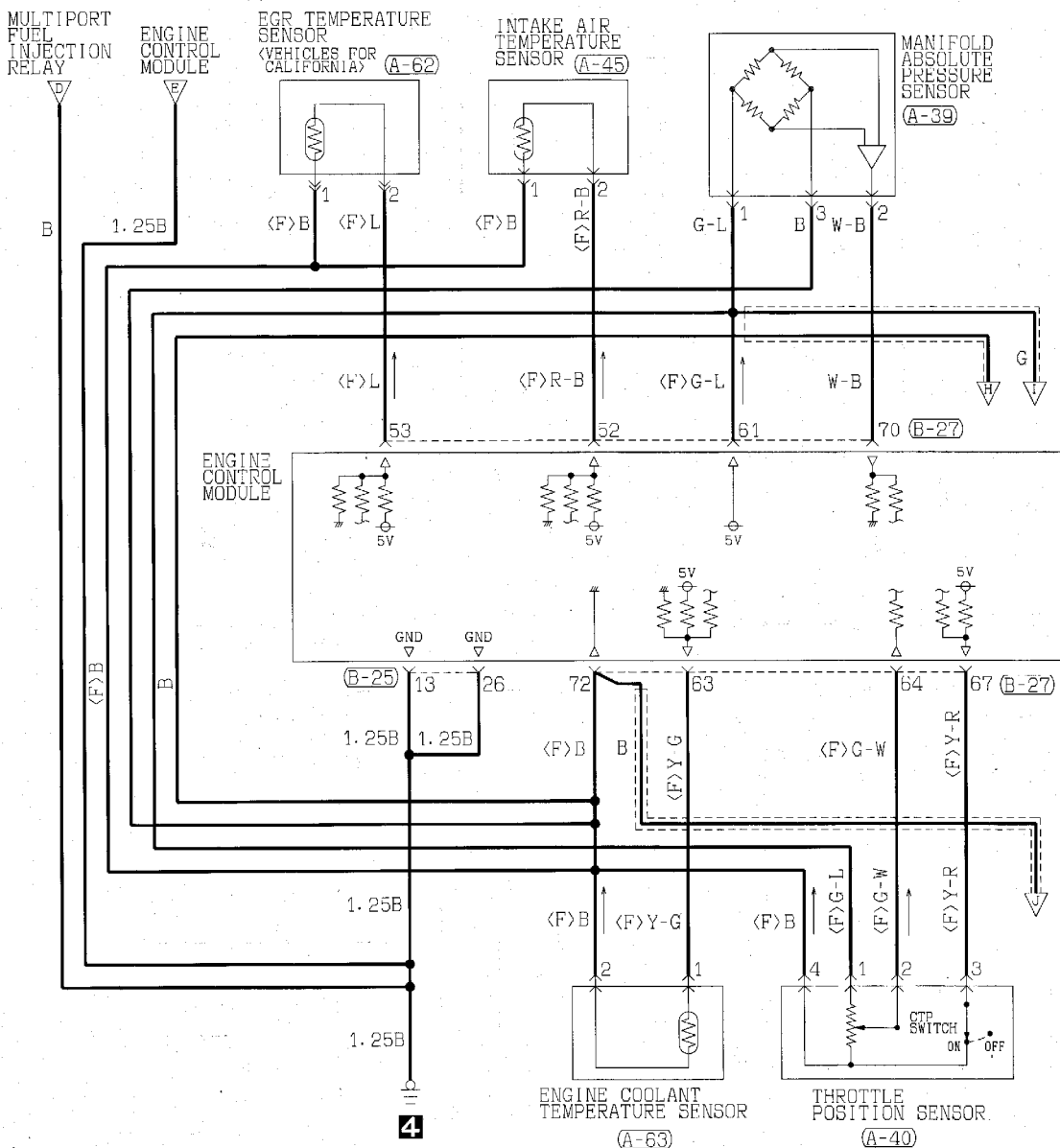




MFI SYSTEM <1.5L ENGINE (1993 MODELS)> (CONTINUED)



A-06X 1 2	A-47 1 2 3 4 5 6	A-48 1 2	A-49 1 2	A-52X 1 2 3 4 5 6	A-53 1 2 3 4 5 6	B-17 1 2 3 4 5 6 7 8 9 10 11 12	B-22 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-25 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-26 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	B-27 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72	B-55 1 2 3 4 5	B-56 1 2 3 4 5 6 7 8 9 10 11	B-61 1 2 3 4 5 6 7 8 9 10 11 12 13				

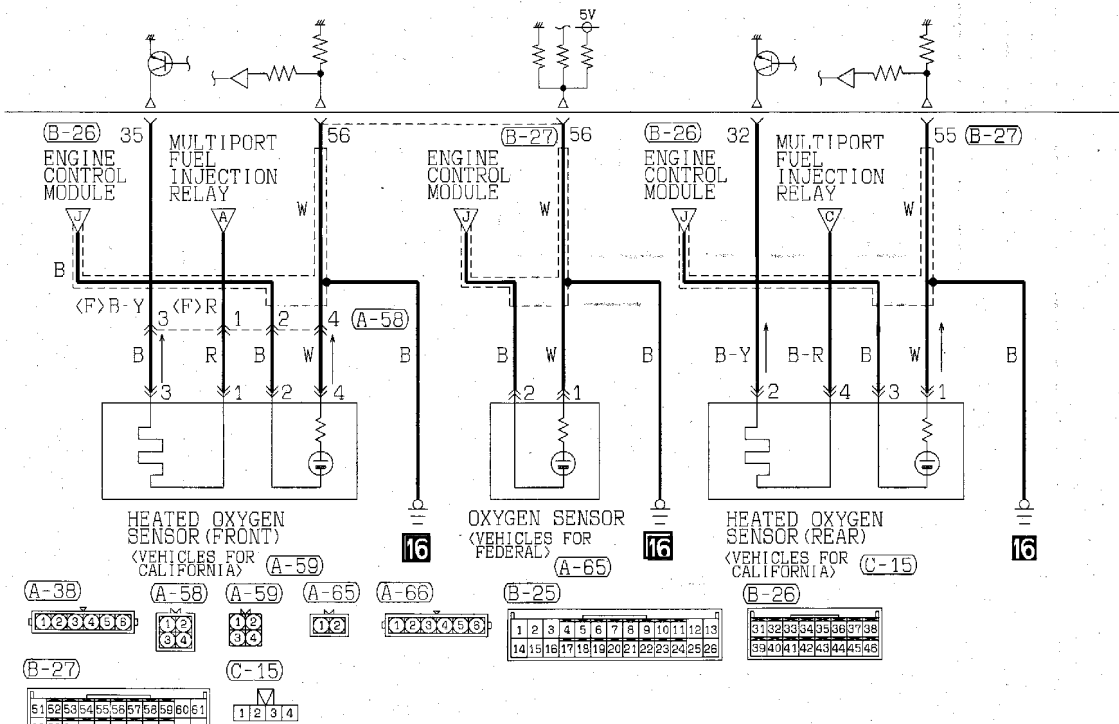
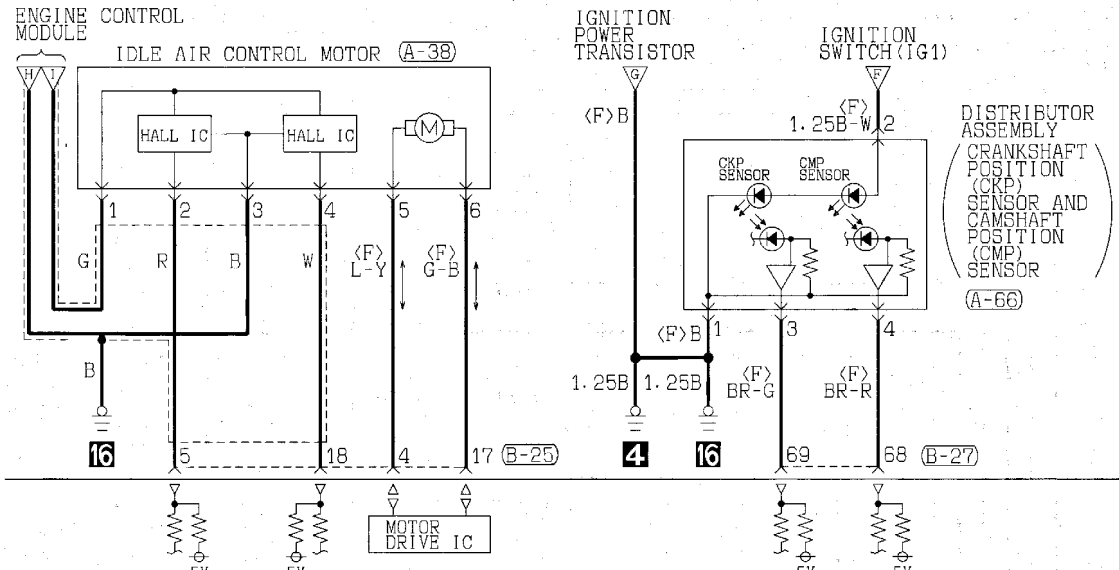


- (A-39)
- (A-40)
- (A-45)
- (A-62)
- (A-63)
- (B-25)

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-27)

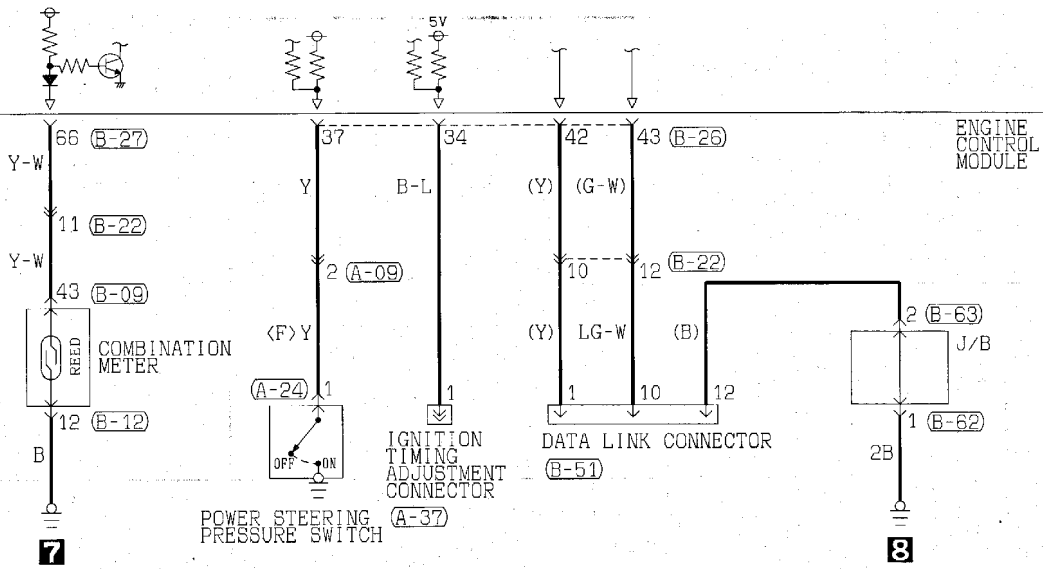
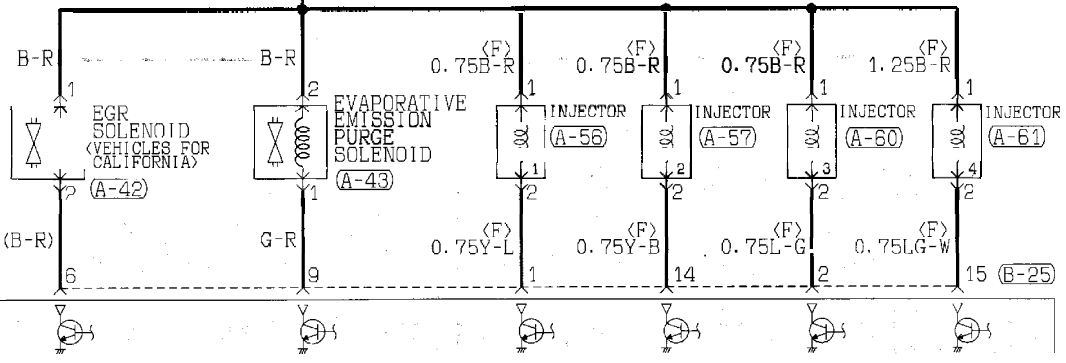
51	52	53	54	55	56	57	58	59	60	61
62	63	64	65	66	67	68	69	70	71	72

MFI SYSTEM <1.5L ENGINE (1993 MODELS)> (CONTINUED)



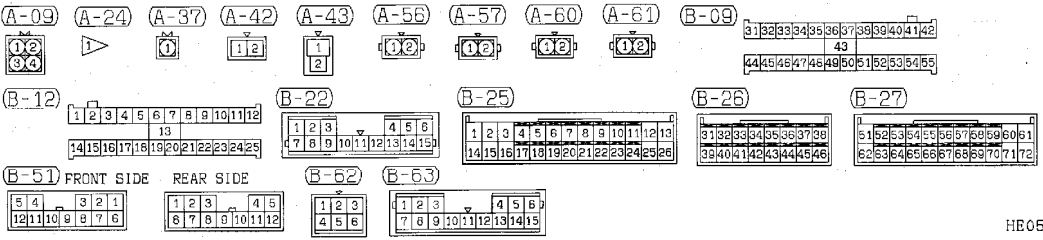
MULTI-PORT FUEL INJECTION RELAY

1.25B-R



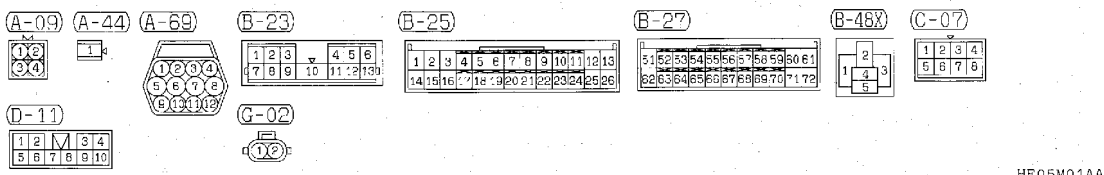
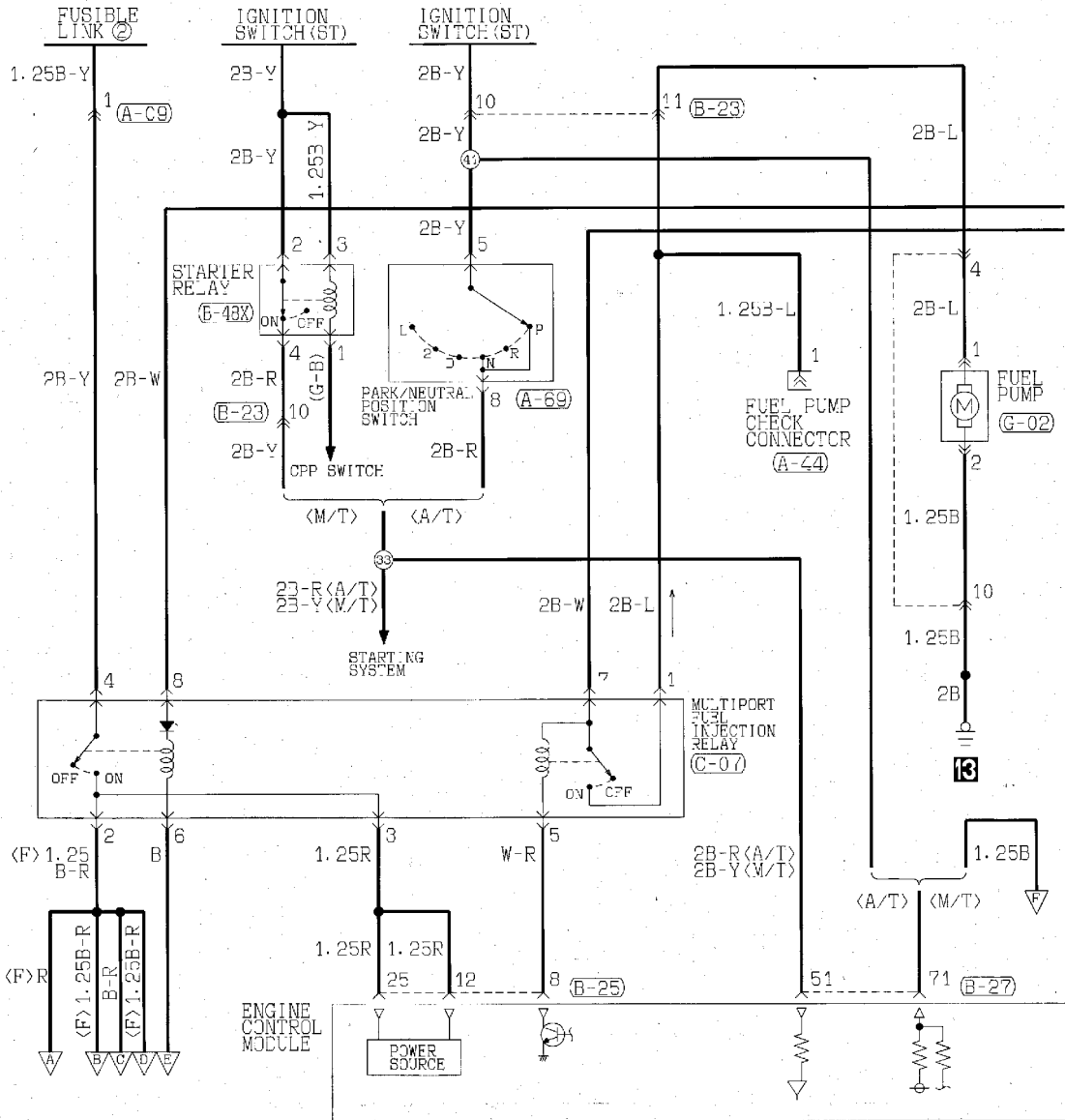
POWER STEERING PRESSURE SWITCH (A-37)

ENGINE CONTROL MODULE

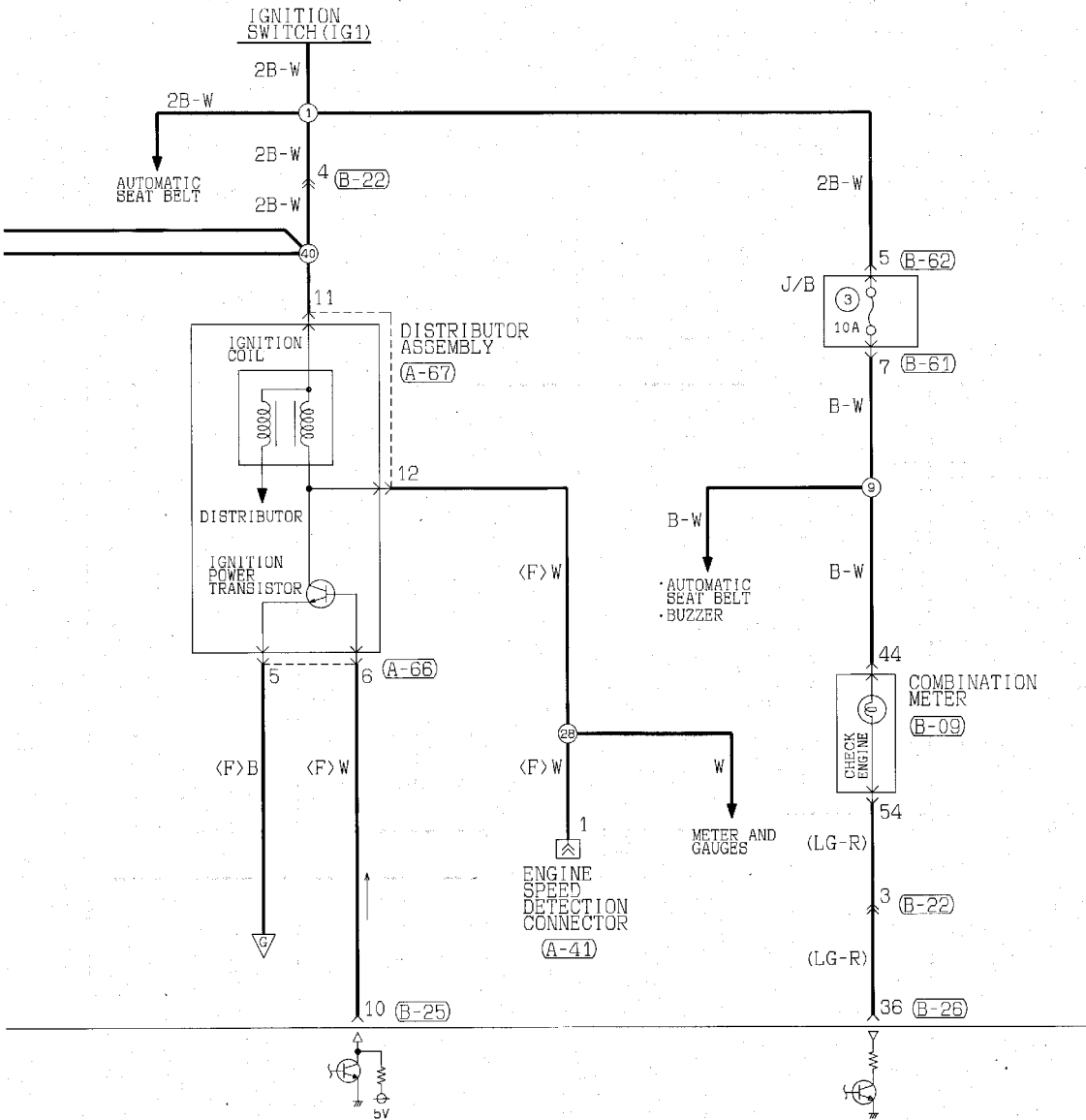


MFI SYSTEM

<1.5L ENGINE (1994 MODELS)>



TSB Revision



(A-41) (A-66)

(A-67)

(B-09)

(B-22)

(B-25)

(B-20)

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

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

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

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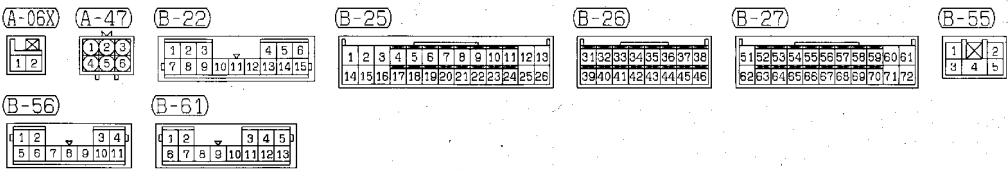
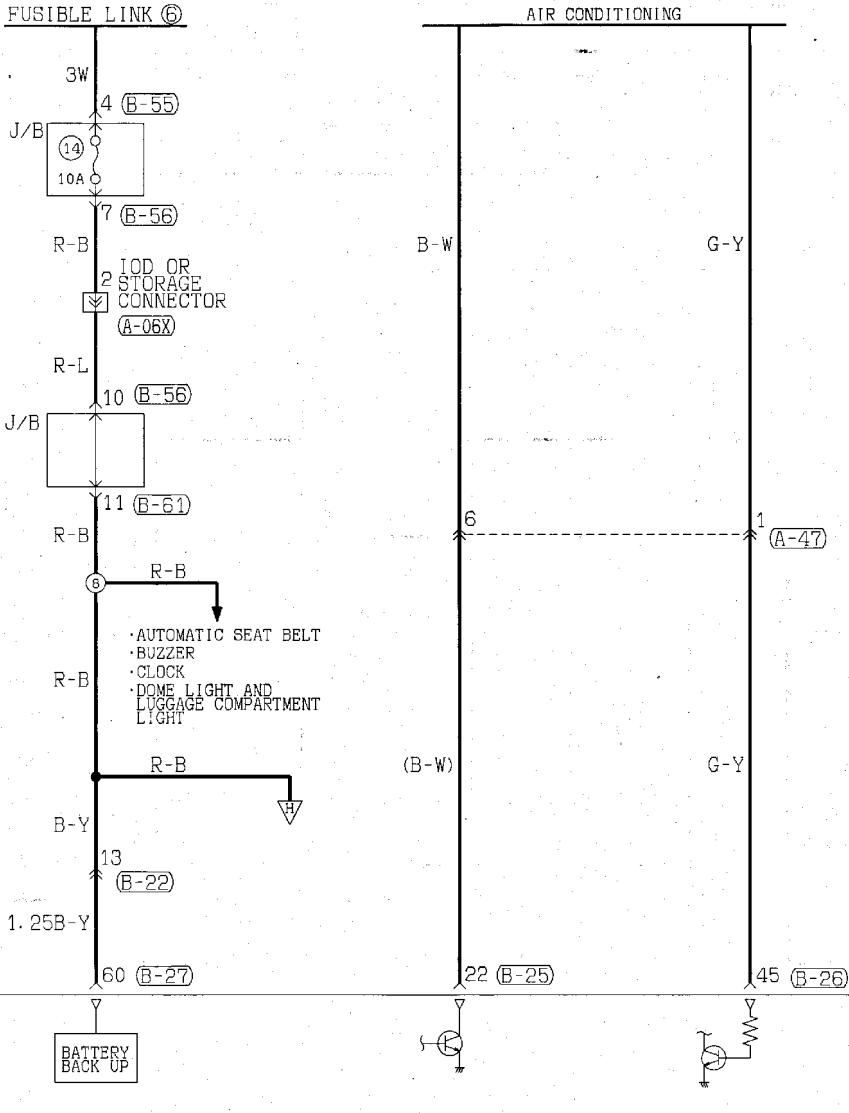
(B-61)

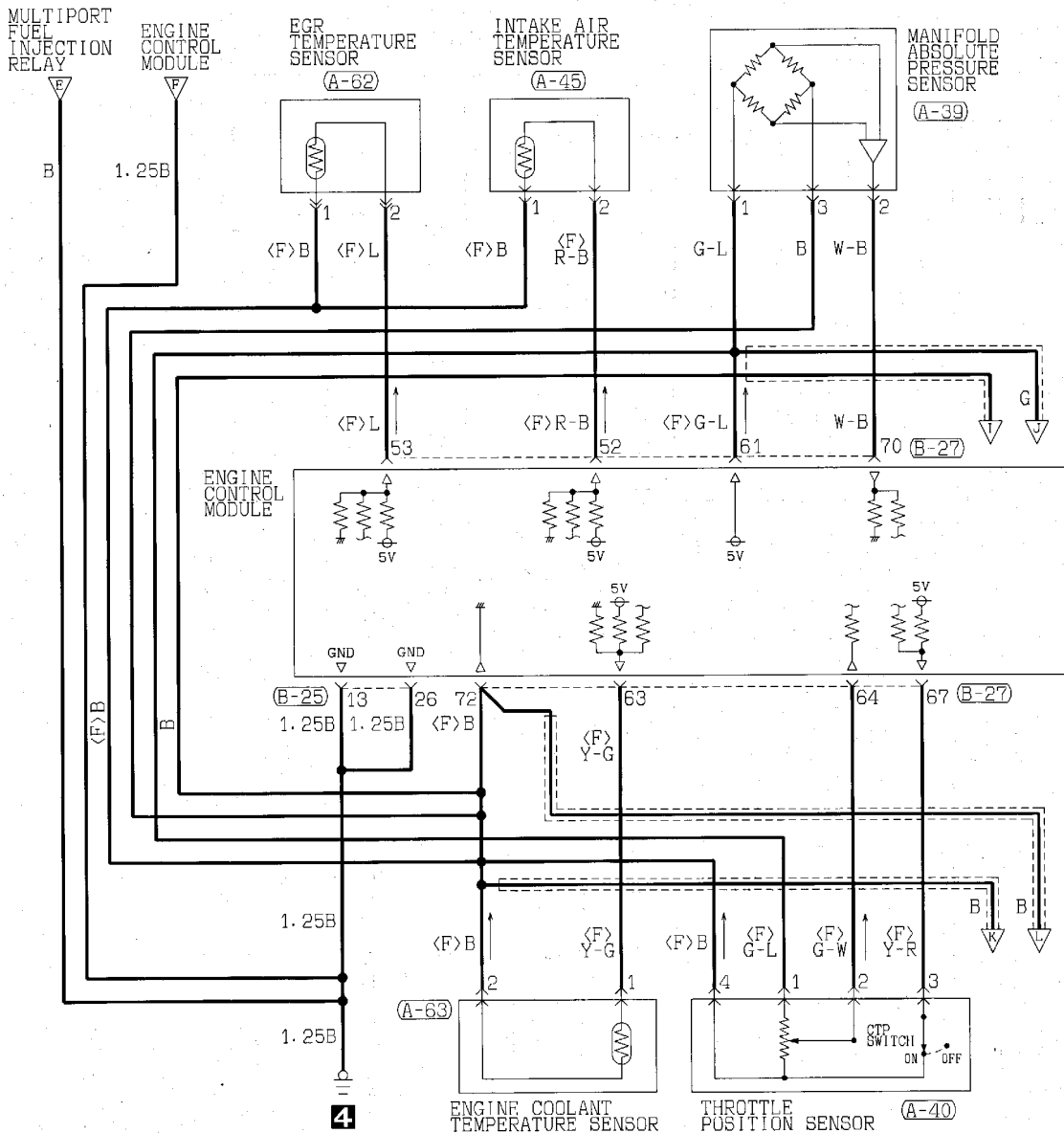
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6	7	8	9	10
11	12	13	14	15

(B-62)

1	2	3	4
5	6	7	8

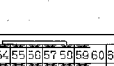
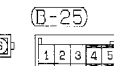
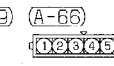
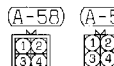
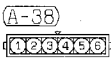
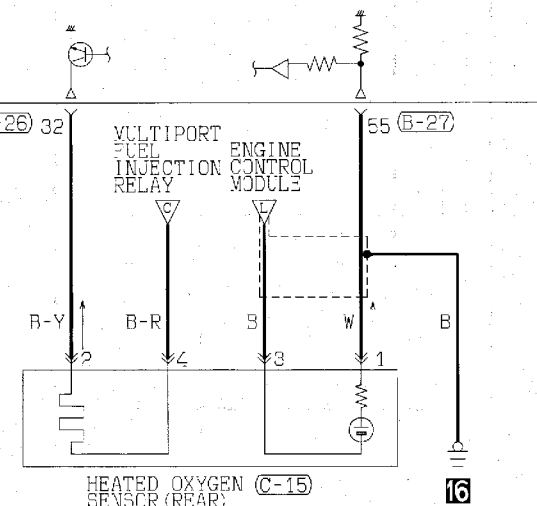
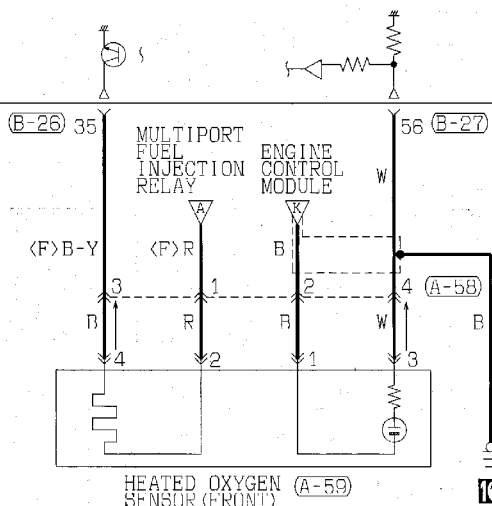
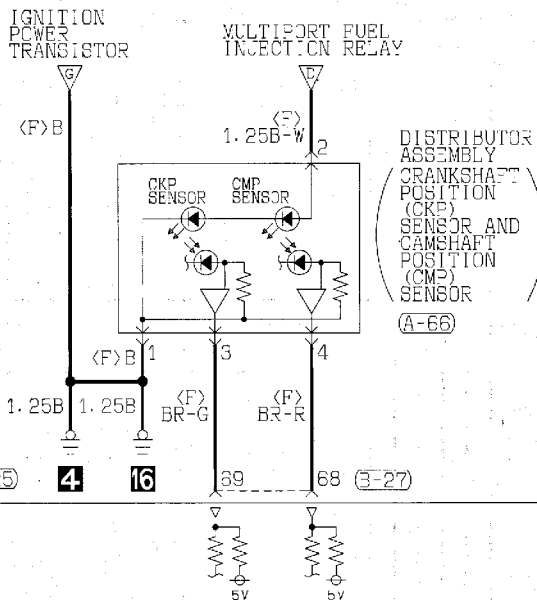
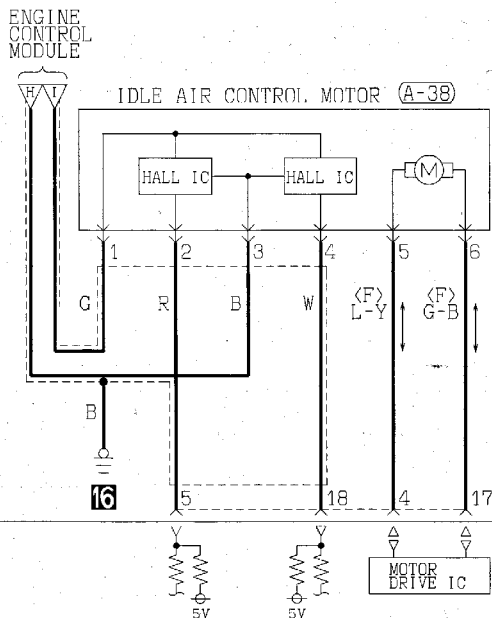
MFI SYSTEM <1.5L ENGINE (1994 MODELS)> (CONTINUED)





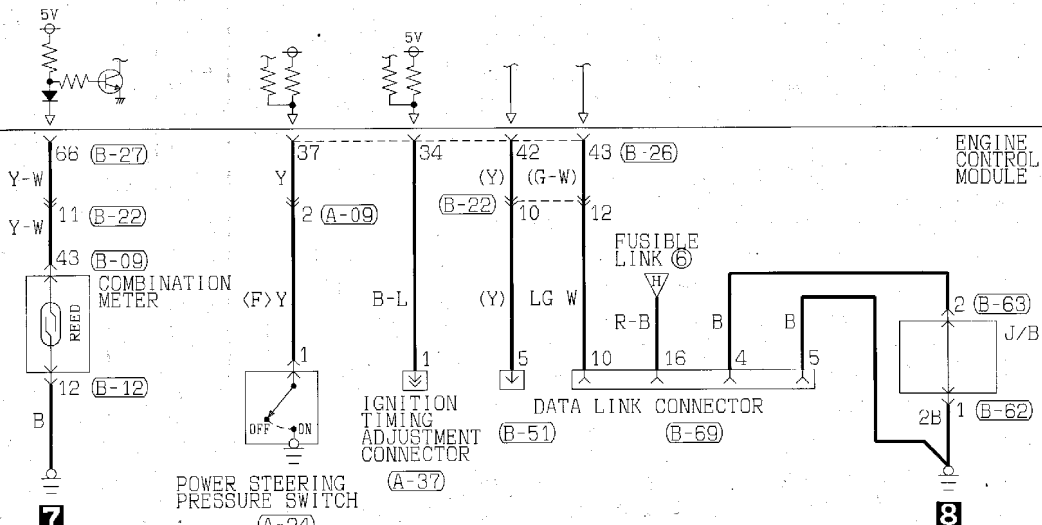
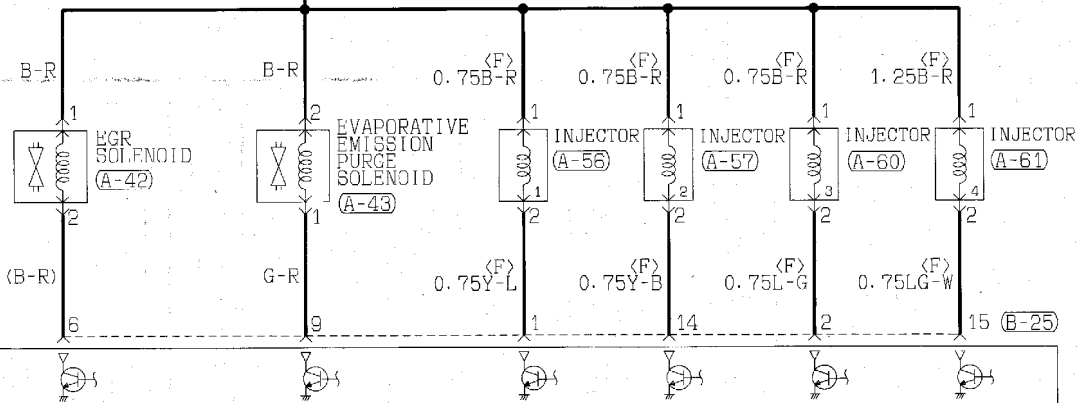
(A-39)	(A-40)	(A-45)	(A-62)	(A-63)	(B-25)	(B-27)
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	51	52
53	54	55	56	57	58	59
60	61	62	63	64	65	66
67	68	69	70	71	72	

MFI SYSTEM <1.5L ENGINE (1994 MODELS)> (CONTINUED)



MULTIPOINT
FUEL
INJECTION
RELAY

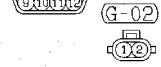
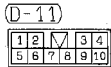
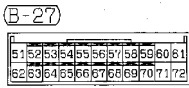
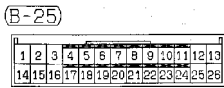
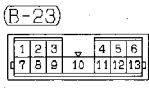
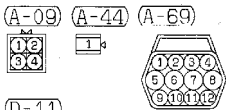
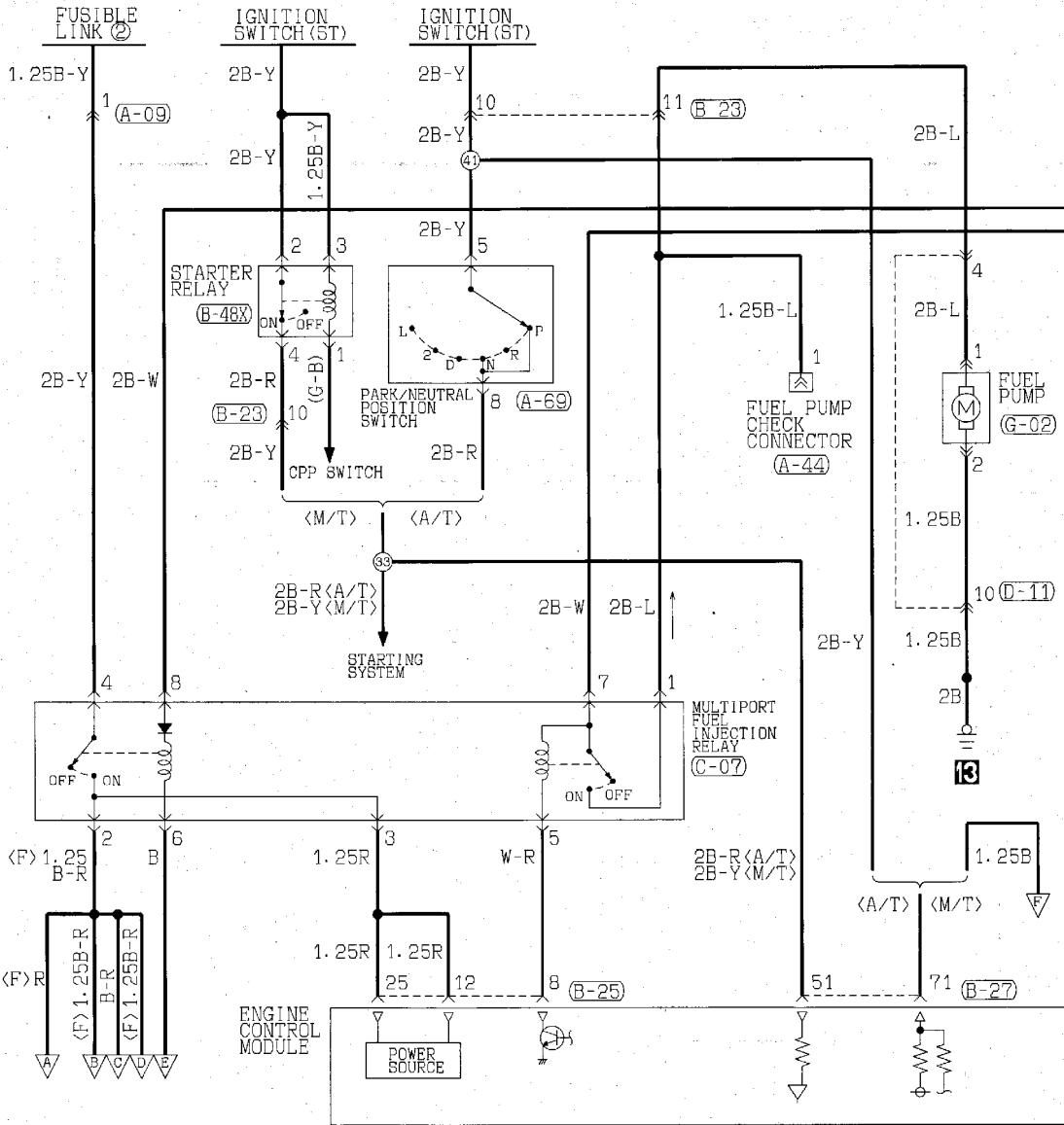
1.25B-R



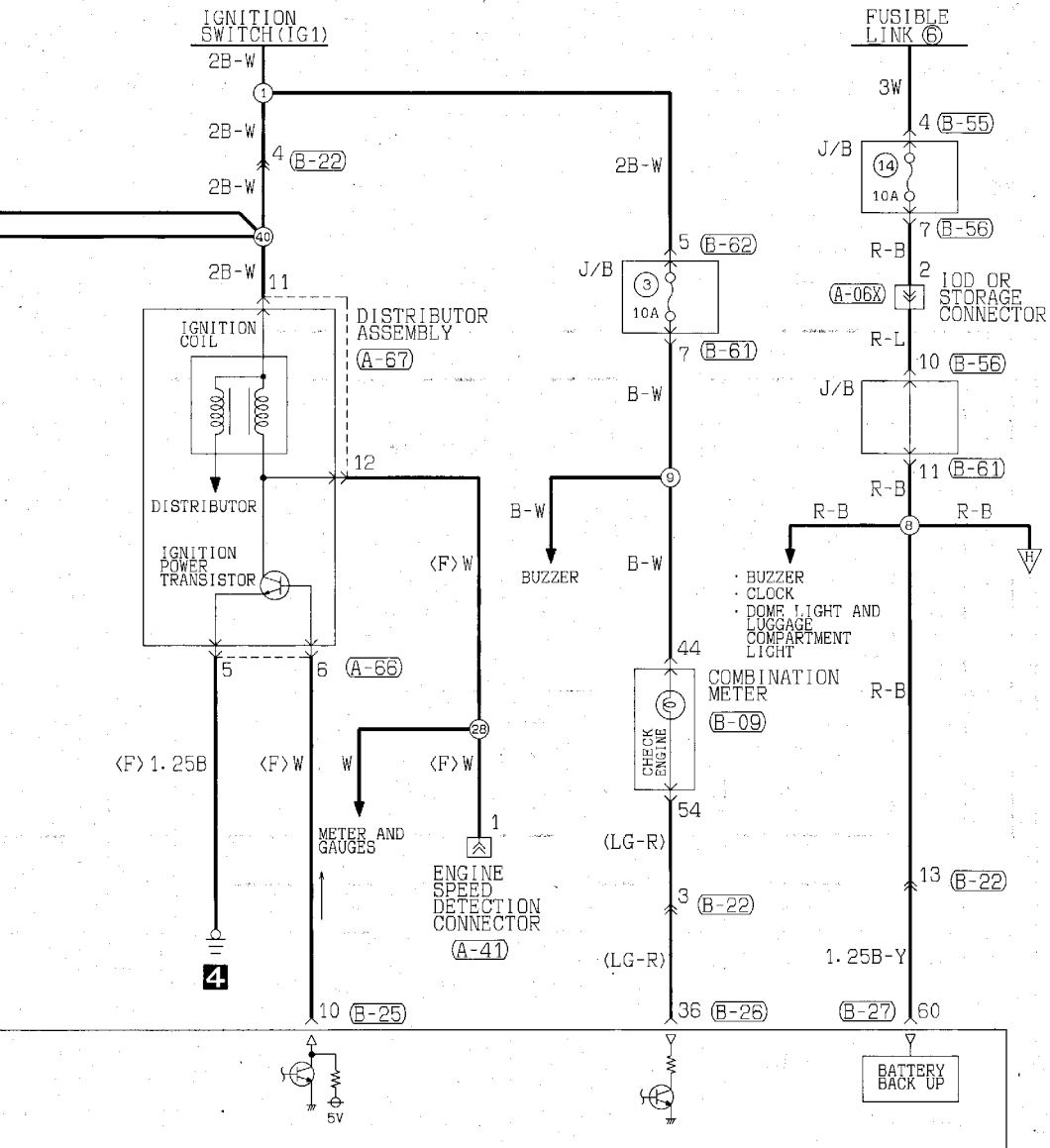
(A-09)	(A-24)	(A-37)	(A-42)	(A-43)	(A-56)	(A-57)	(A-60)	(A-61)	(B-09)	51 32 33 34 35 36 37 38 39 40 41 42
										44 45 46 47 48 49 50 51 52 53 54 55
(B-12)	1 2 3 4 5 6 7 8 9 10 11 12	(B-22)	(B-25)	(B-26)	(B-27)					
	14 15 16 17 18 19 20 21 22 23 24 25									
(B-51) FRONT SIDE	REAR SIDE	(B-62)	(B-63)	(B-69) FRONT SIDE						
5 4 3 2 1 12 11 10 9 8 7 6	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16						

MFI SYSTEM

<1.5L ENGINE (1995 MODELS FOR FEDERAL)>



TSB Revision



A-06X	A-41	A-66	A-67
1 2	1	1 2 3 4 5 6	1 2

B-09	B-22
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 2 3 4 5 6
4 3	7 8 9 10 11 12 13 14 15
4 4 4 5 4 6 4 7 4 8 4 9 5 0 5 1 5 2 5 3 5 4 5 5	

B-25
1 2 3 4 5 6 7 8 9 10 11 12 13
1 4 1 5 1 6 1 7 1 8 1 9 2 0 2 1 2 2 2 3 2 4 2 5 2 6

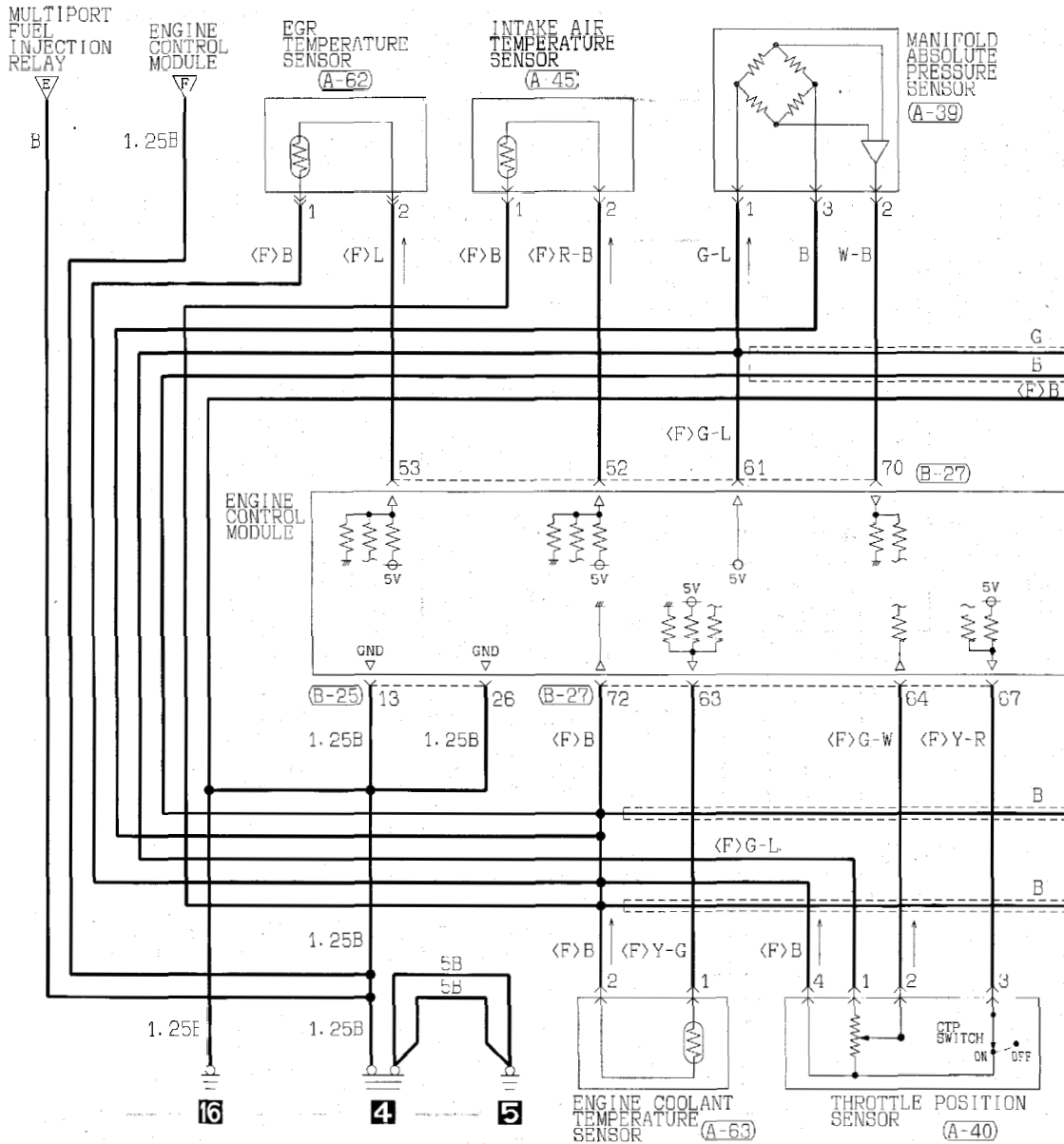
B-26
3 1 3 2 3 3 3 4 3 5 3 6 3 7 3 8
3 9 4 0 4 1 4 2 4 3 4 4 4 5 4 6

B-27
5 1 5 2 5 3 5 4 5 5 5 6 5 7 5 8 5 9 6 0 6 1
6 2 6 3 6 4 6 5 6 6 6 7 6 8 6 9 7 0 7 1 7 2

B-55	B-56
1 2	1 2 3 4
3 4 5	5 6 7 8 9 10 11

B-61	B-62
1 2 3 4 5	1 2 3 4
6 7 8 9 10 11 12 13	5 6 7 8

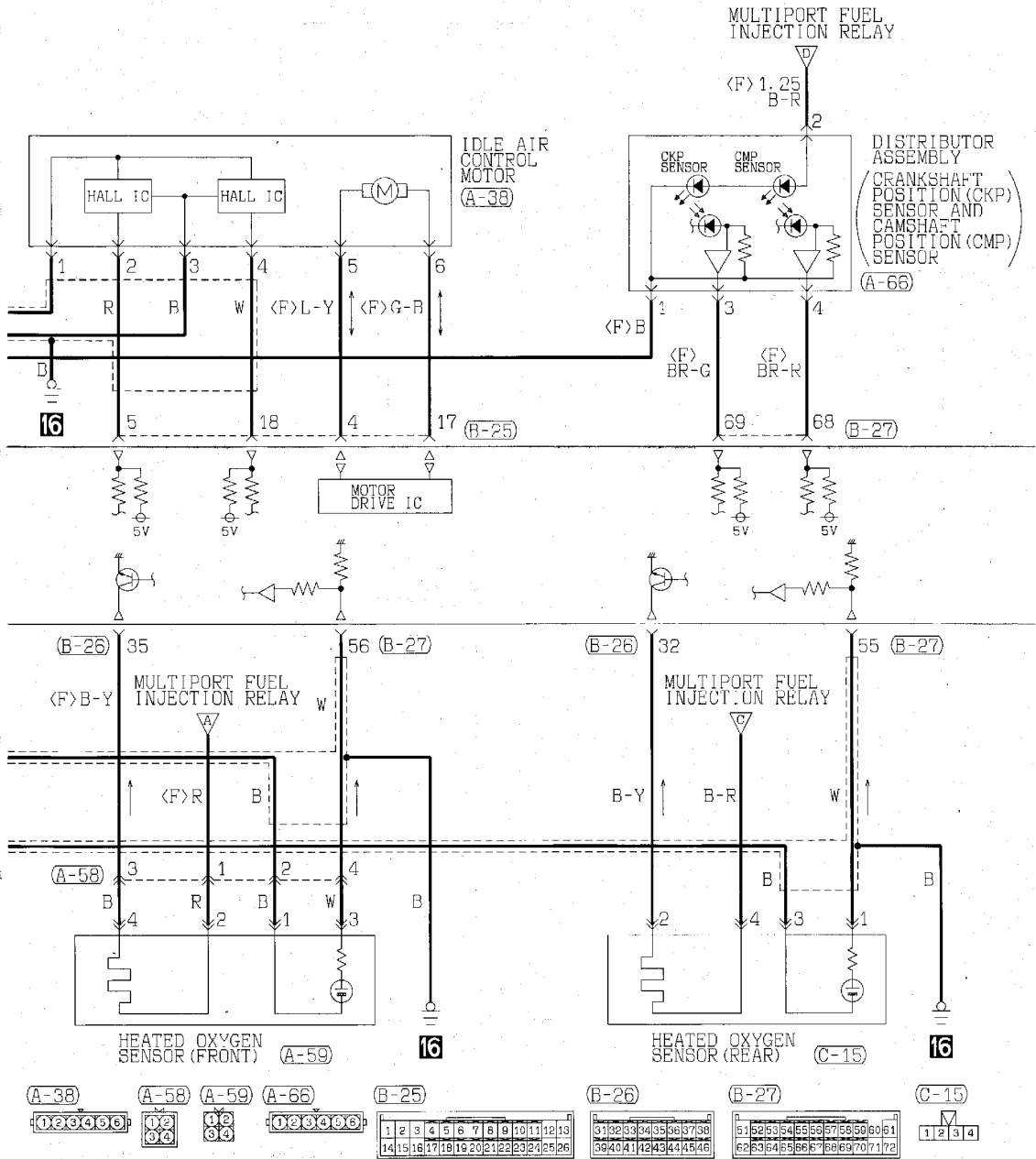
MFI SYSTEM <1.5L ENGINE (1995 MODELS FOR FEDERAL)> (CONTINUED)



B-25

B-27





(A-38)

1	2	3	4	5	6
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(A-58)

1	2	3	4
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(A-59)

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

(A-66)

1	2	3	4	5	6
---	---	---	---	---	---

(B-25)

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-26)

3	1	2	3	4	5	6	7	30
39	40	41	42	43	44	45	46	

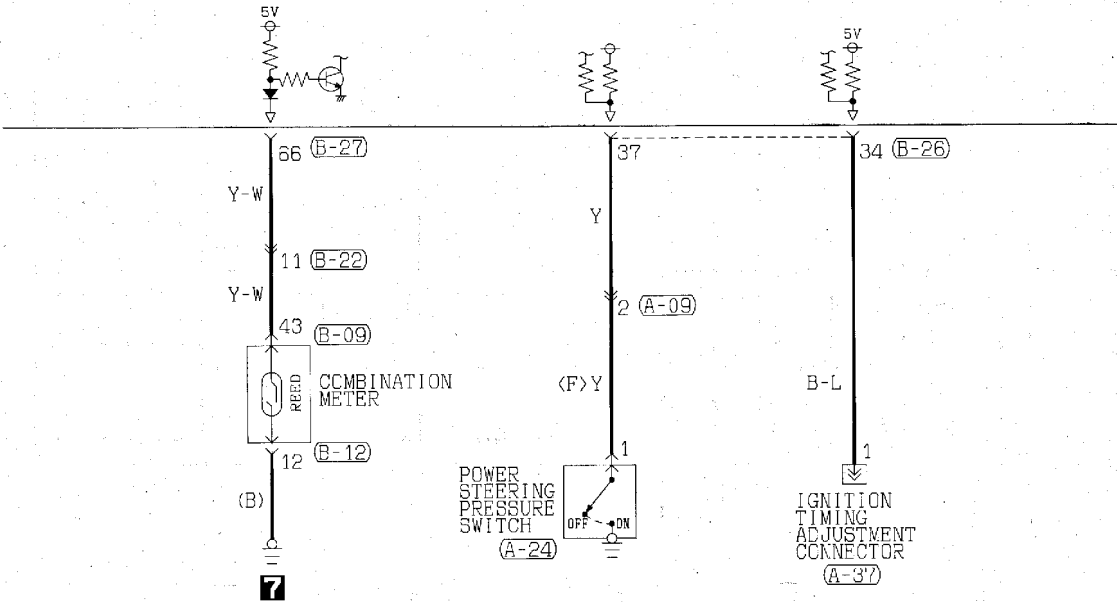
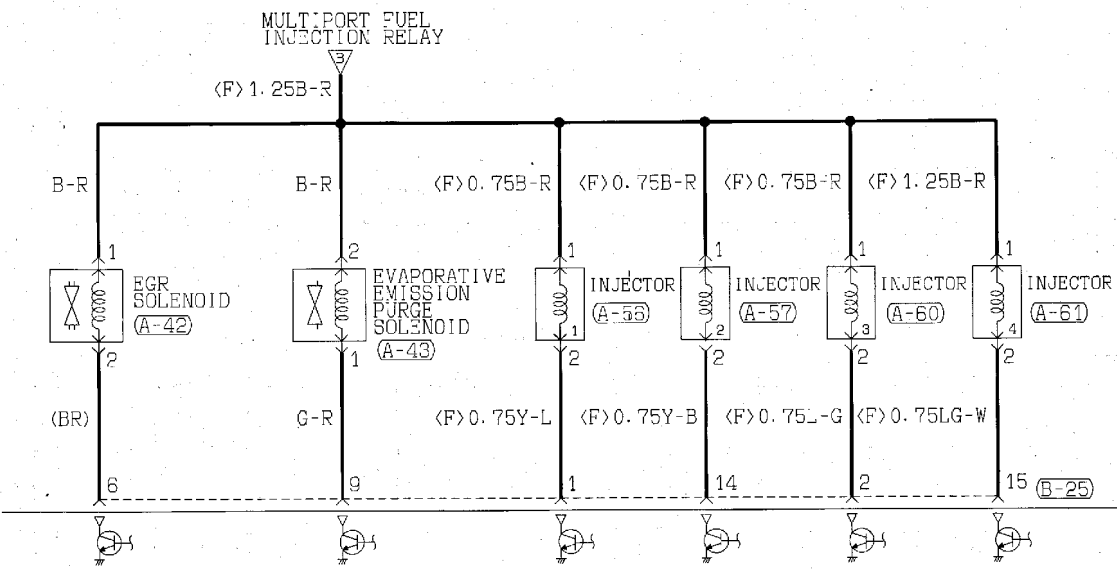
(B-27)

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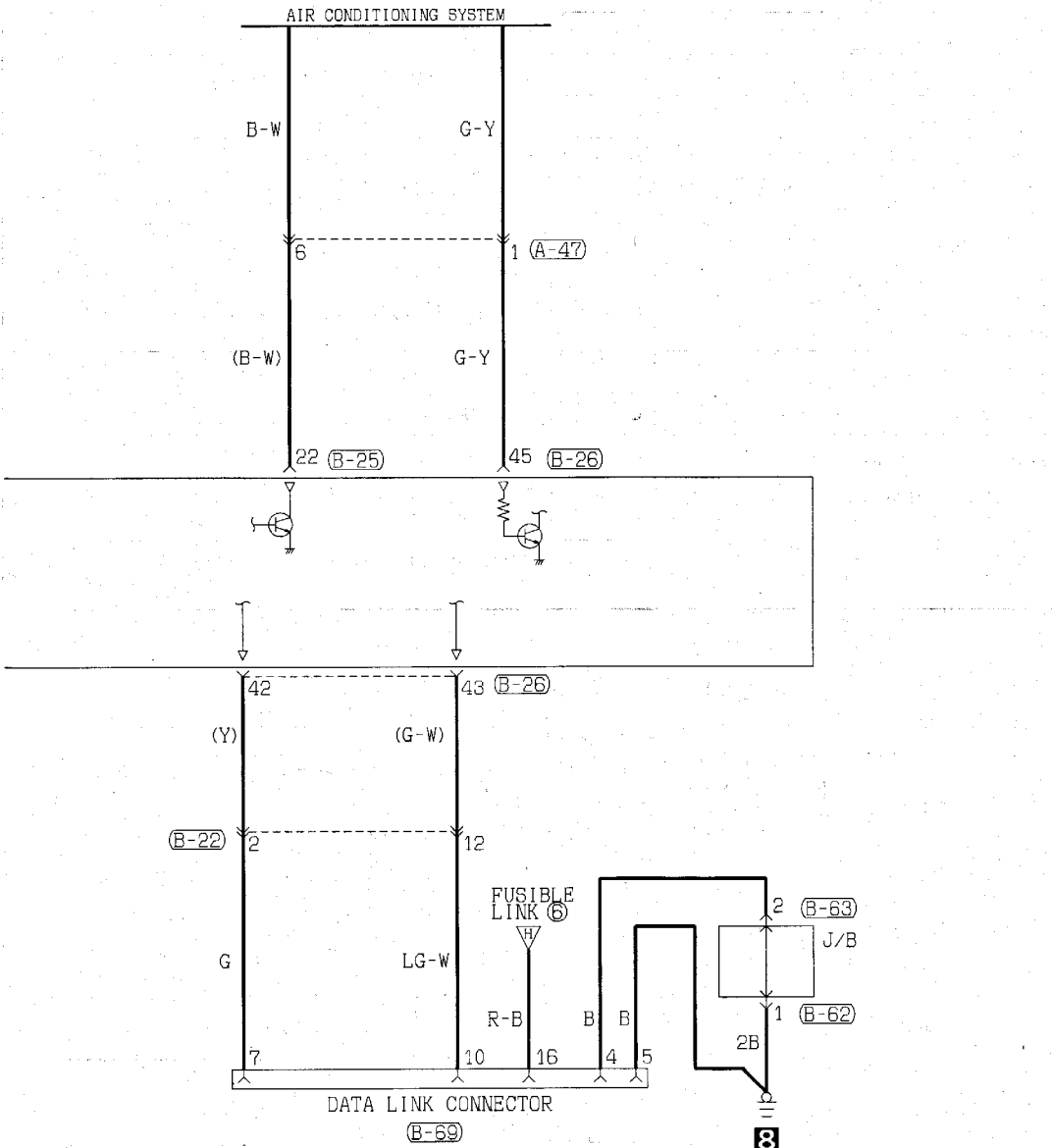
(C-15)

1	2	3	4
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MFI SYSTEM <1.5L ENGINE (1995 MODELS FOR FEDERAL)> (CONTINUED)



A-09	A-24	A-37	A-42	A-43	A-55	A-57	A-60	A-61	B-09	B-12
09	24	37	42	43	55	57	60	61	09	12
313233343536373839404142	14151617181920212223242526	43	444546474849505152535455	565758596061	6263646566676869707172				141516171819202122232425	



- A-47**

1	2	3
4	5	6
- B-22**

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15			
- B-25**

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-26**

31	32	33	34	35	36	37	38
39	40	41	42	43	44	45	46
- B-62**

1	2	3
4	5	6
- B-63**

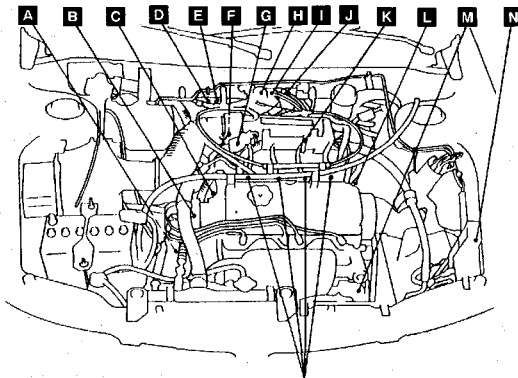
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15			
- B-69 FRONT SIDE**

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

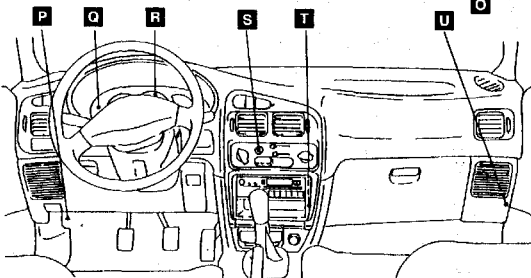
COMPONENT LOCATION <1.5L ENGINE (Up to 1995 models for Federal, Up to 1994 models for California)>

110007462

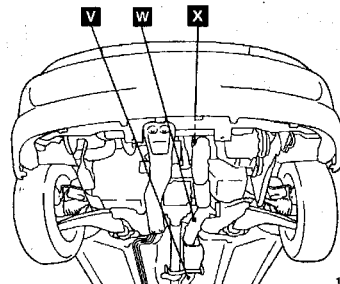
Name	Symbol	Name	Symbol
Air conditioning compressor clutch relay	N	Heated oxygen sensor (Rear) <Federal-From 1994 models, California>	V
Air conditioning switch	S	Idle air control motor	F
Check engine / Malfunction indicator lamp	Q	Ignition timing adjustment connector	D
Data link connector	P	Injectors	O
Distributor (with built-in camshaft position sensor, crankshaft position sensor, ignition coil and ignition power transistor)	B	Intake air temperature sensor	K
EGR solenoid <Federal-From 1994 models, California>	J	Manifold absolute pressure sensor	H
EGR temperature sensor <Federal-From 1994 models, California>	L	Multiport fuel injection (MFI) relay	T
Engine control module	U	Oxygen sensor <Federal-1993 models>	X
Engine coolant temperature sensor	C	Park / Neutral position switch	A
Evaporative emission purge solenoid	I	Power steering pressure switch	M
Fuel pump check terminal	E	Throttle position sensor (with built-in closed throttle position switch)	G
Heated oxygen sensor (Front) <Federal-From 1994 models, California>	W	Vehicle speed sensor (reed switch)	R



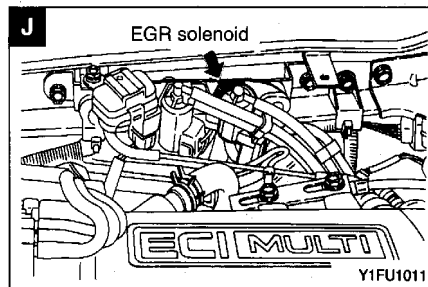
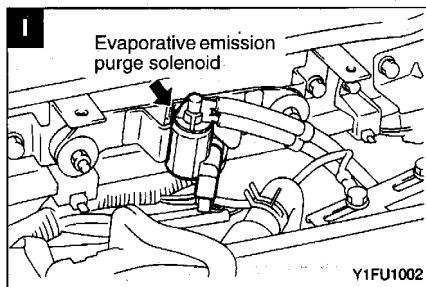
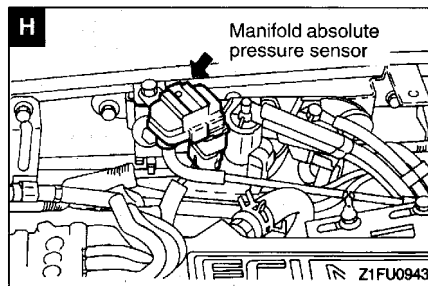
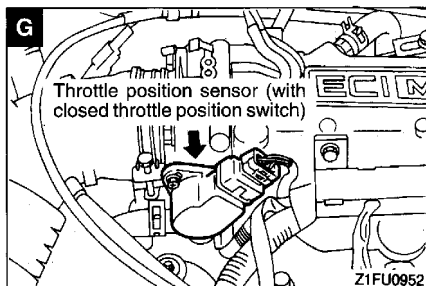
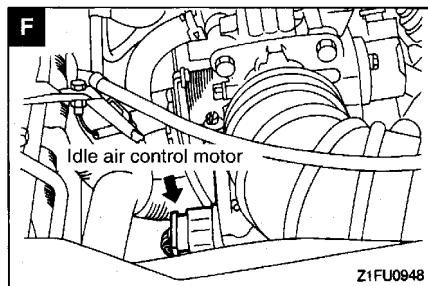
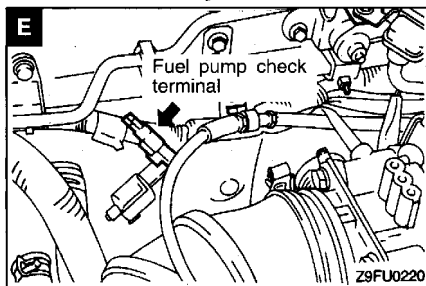
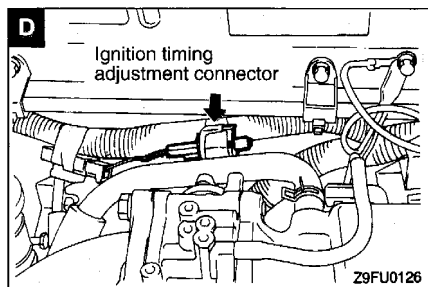
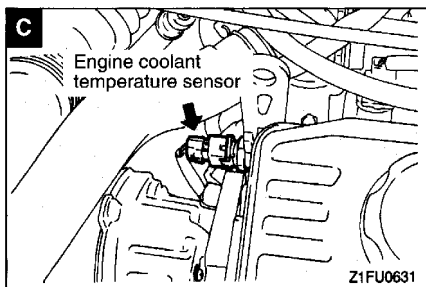
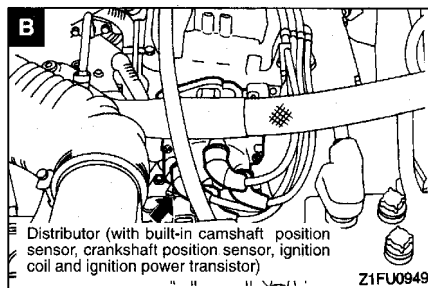
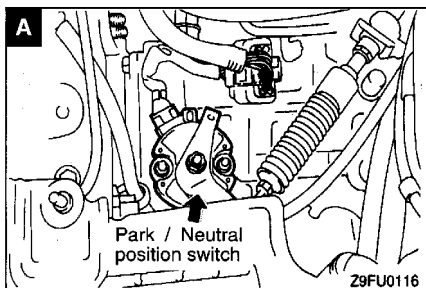
1FU0940

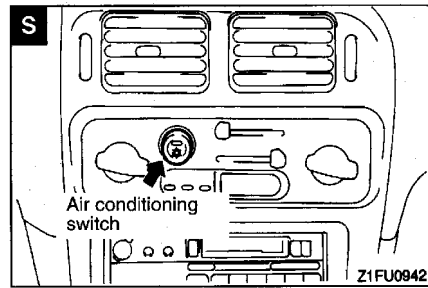
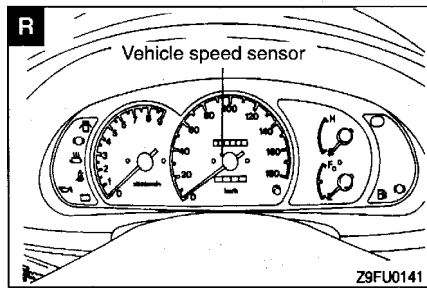
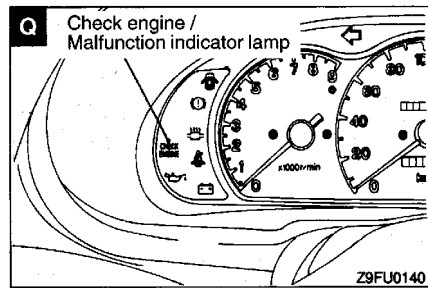
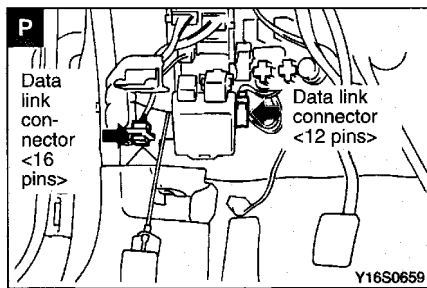
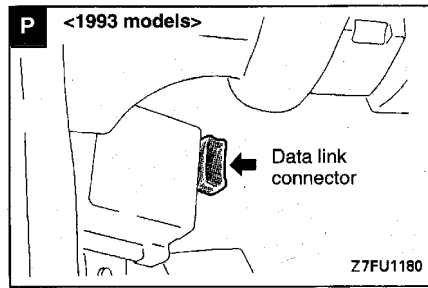
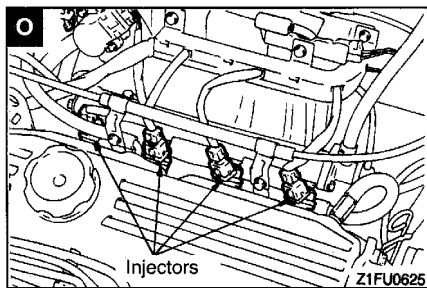
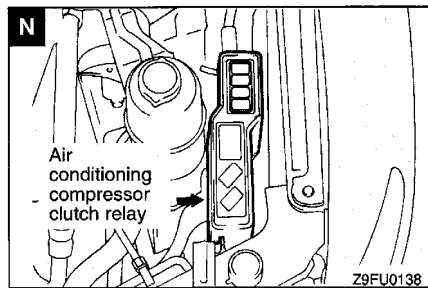
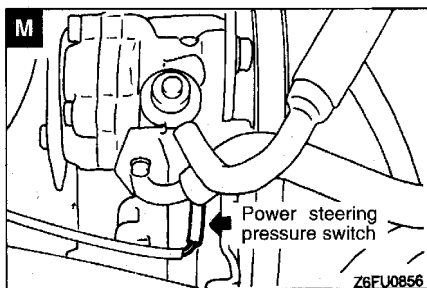
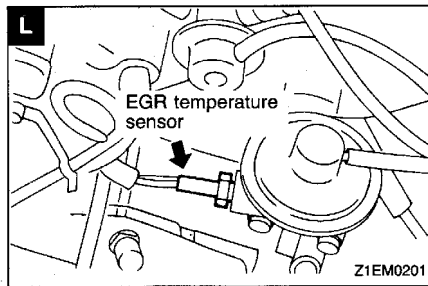
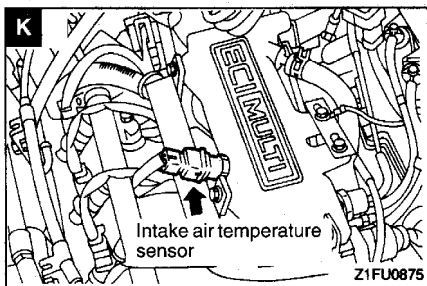


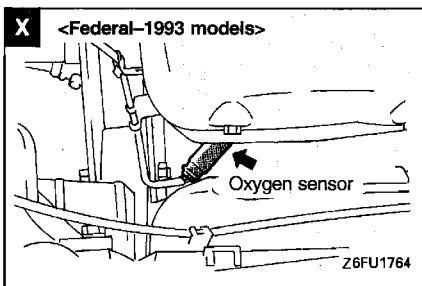
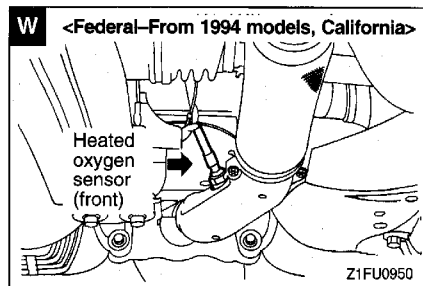
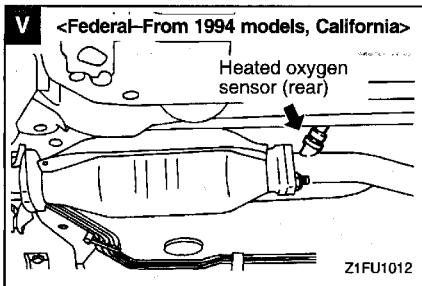
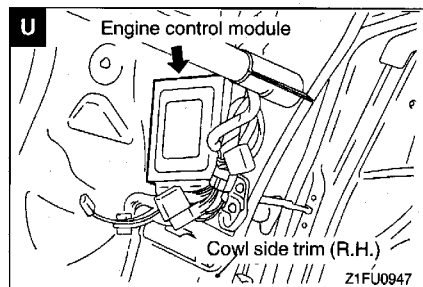
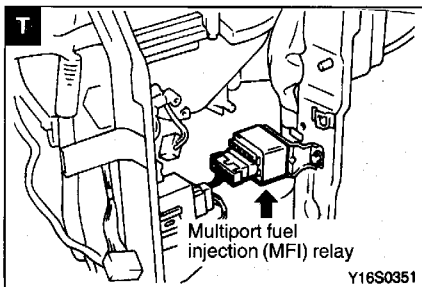
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18S0231
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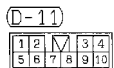
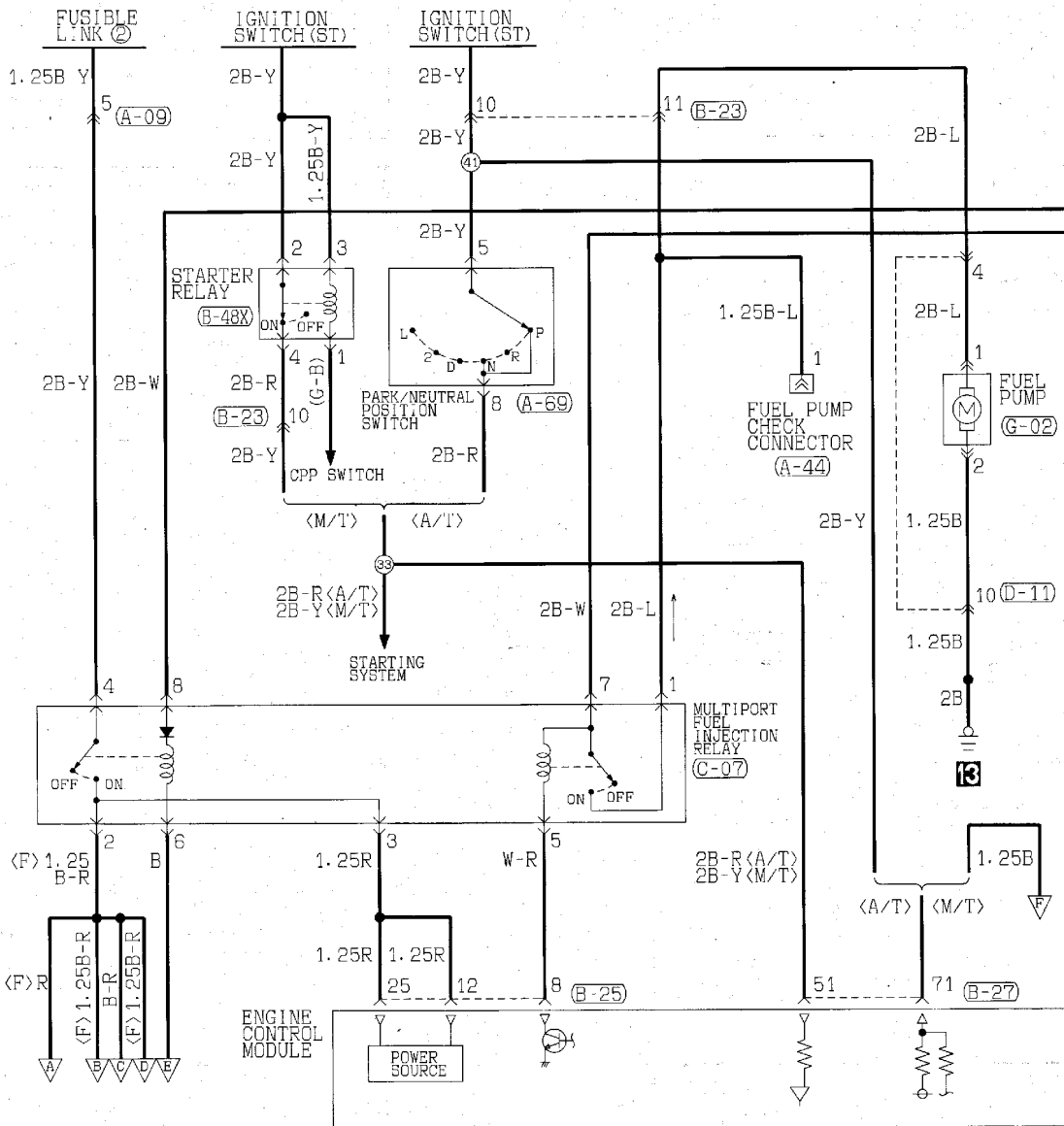




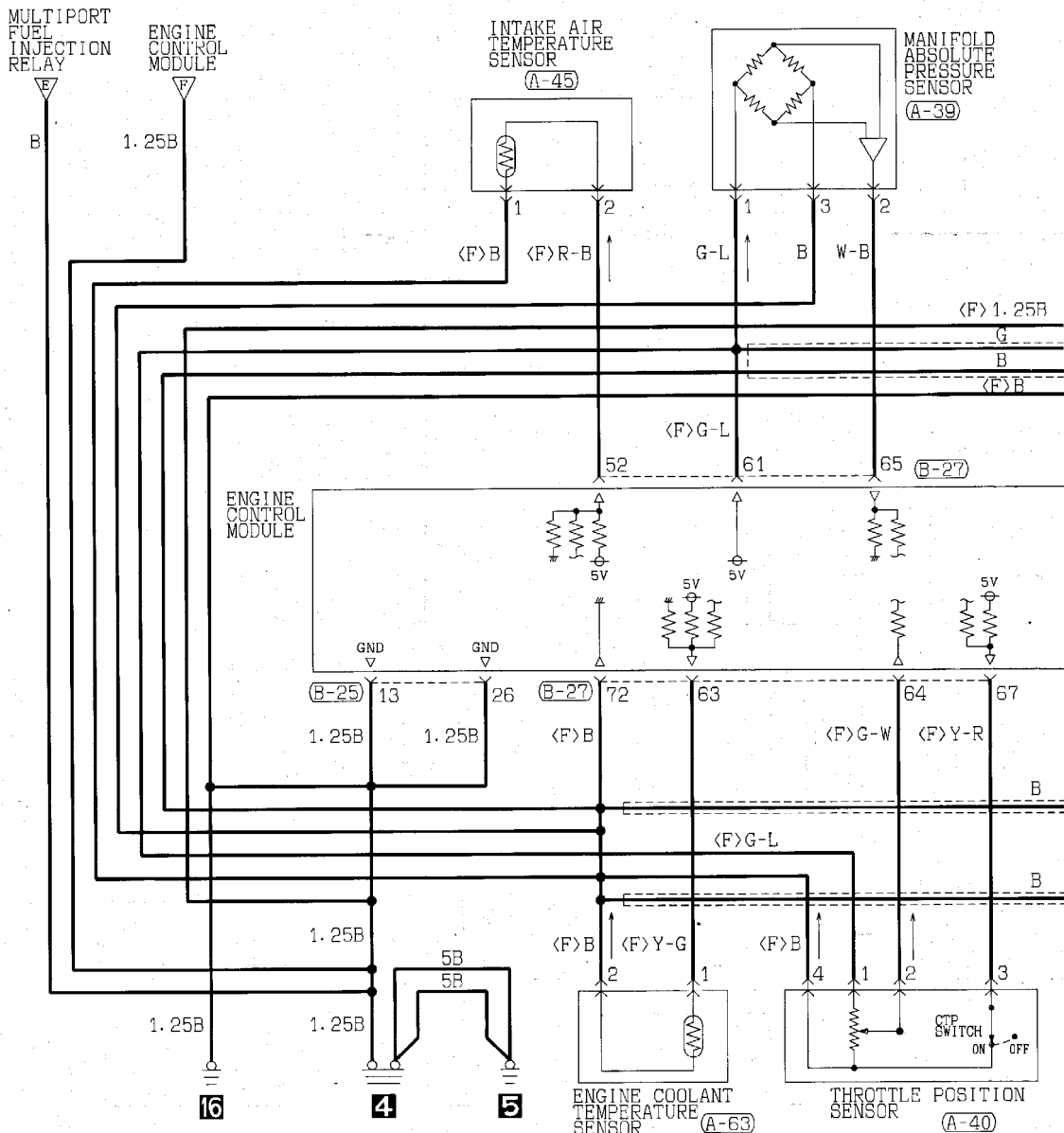


MFI SYSTEM

<1.5L ENGINE (FROM 1996 MODEL FOR FEDERAL)>



MFI SYSTEM <1.5L ENGINE (FROM 1996 MODELS FOR FEDERAL)>
(CONTINUED)



(A-39) (A-40)

(A-45)

(A-63) (B-25)

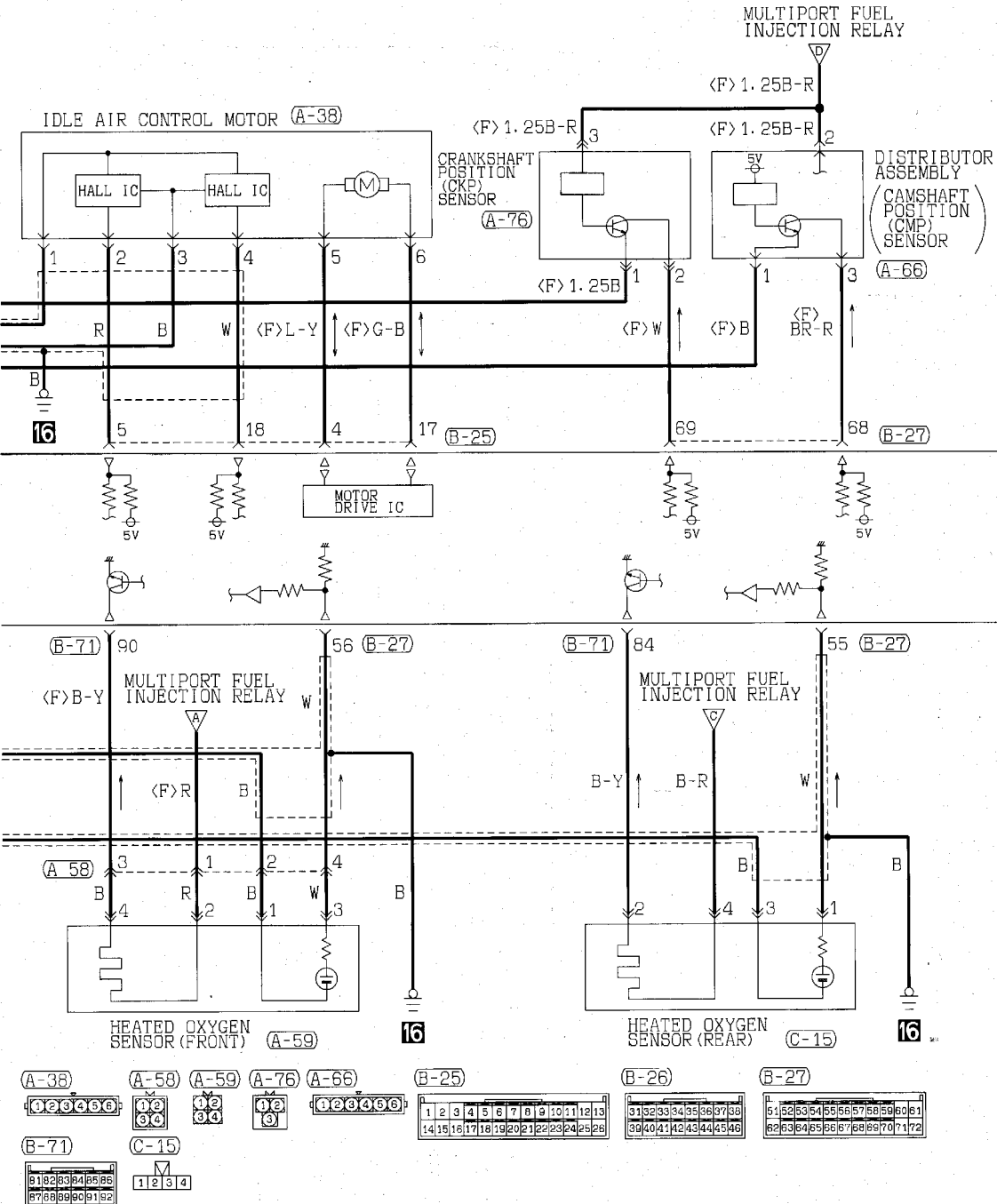
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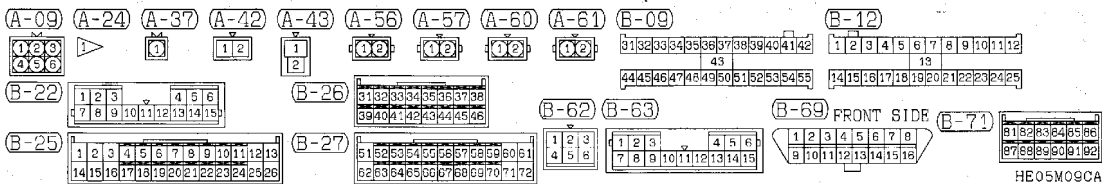
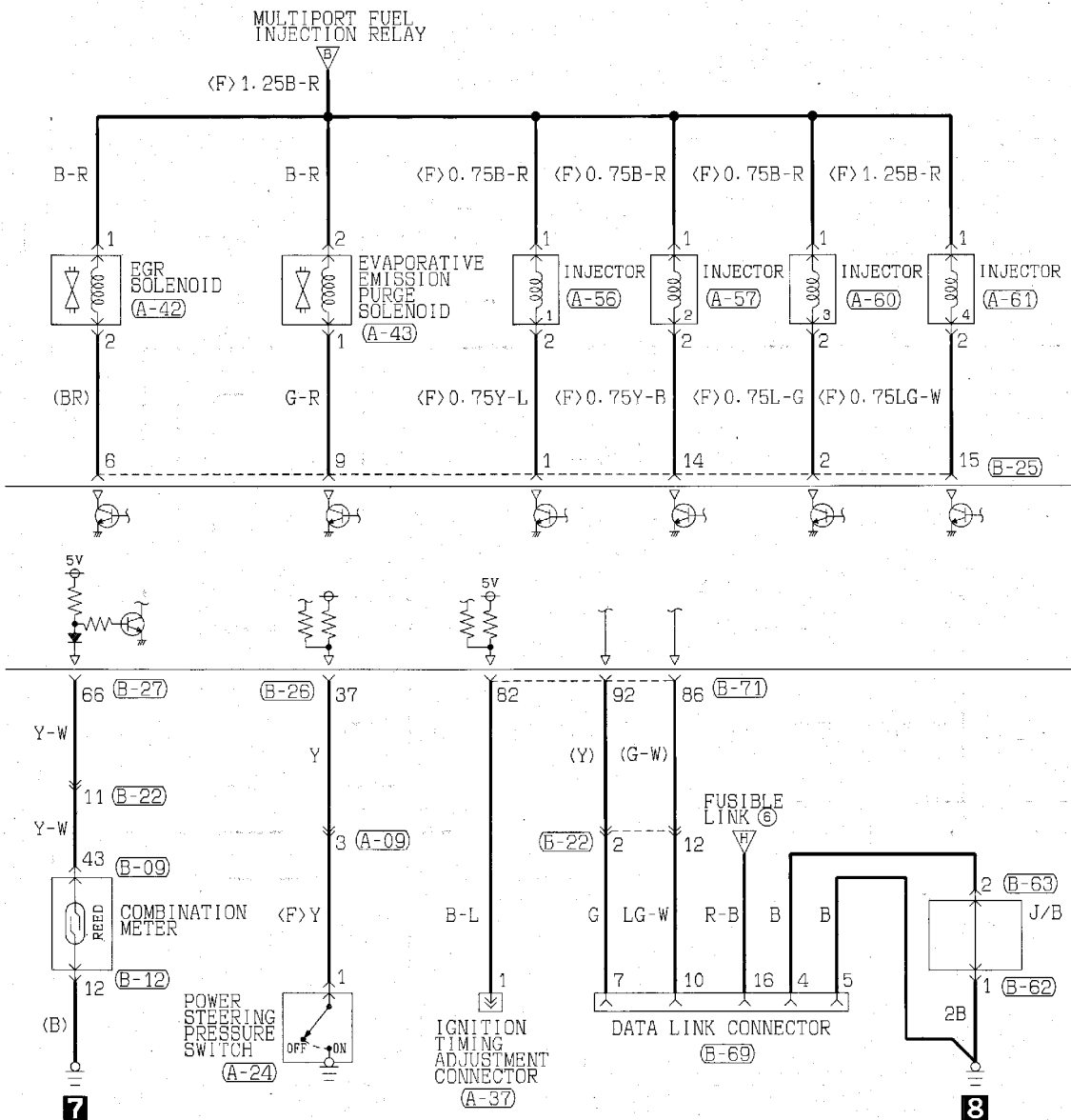
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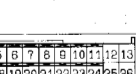
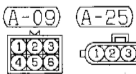
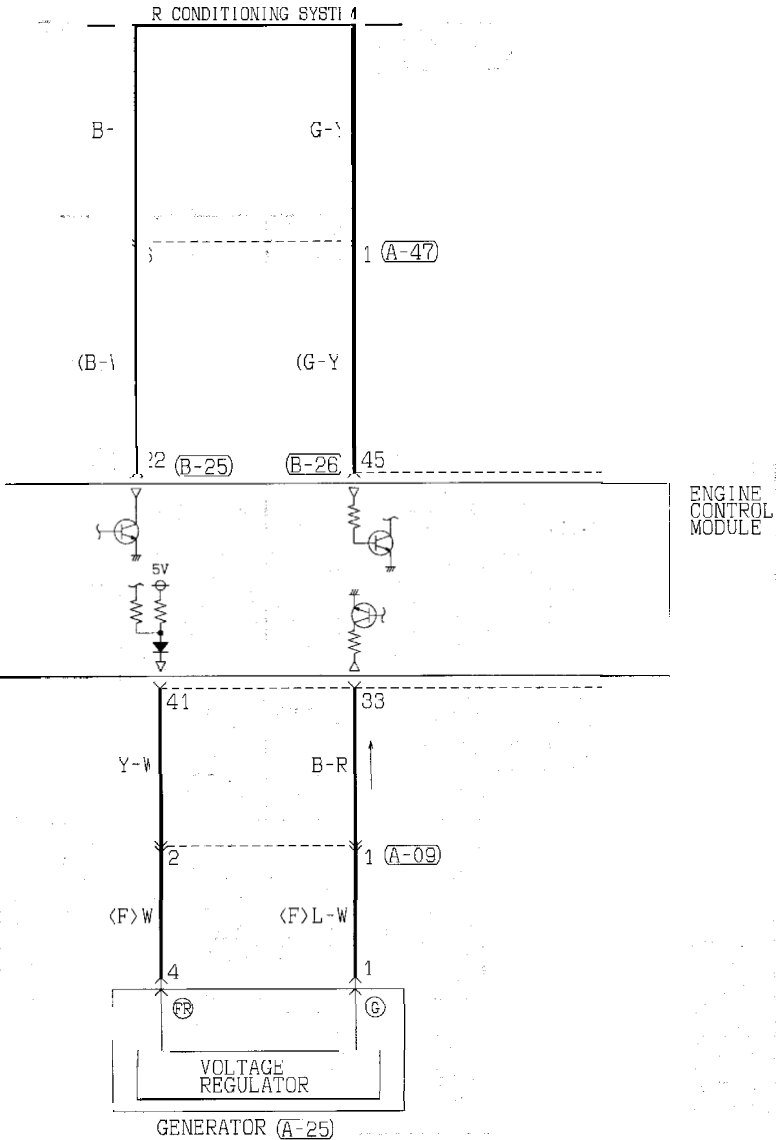
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41



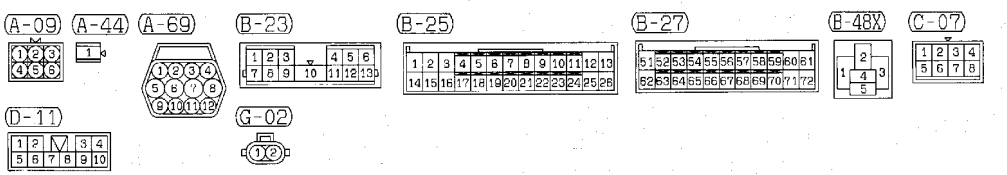
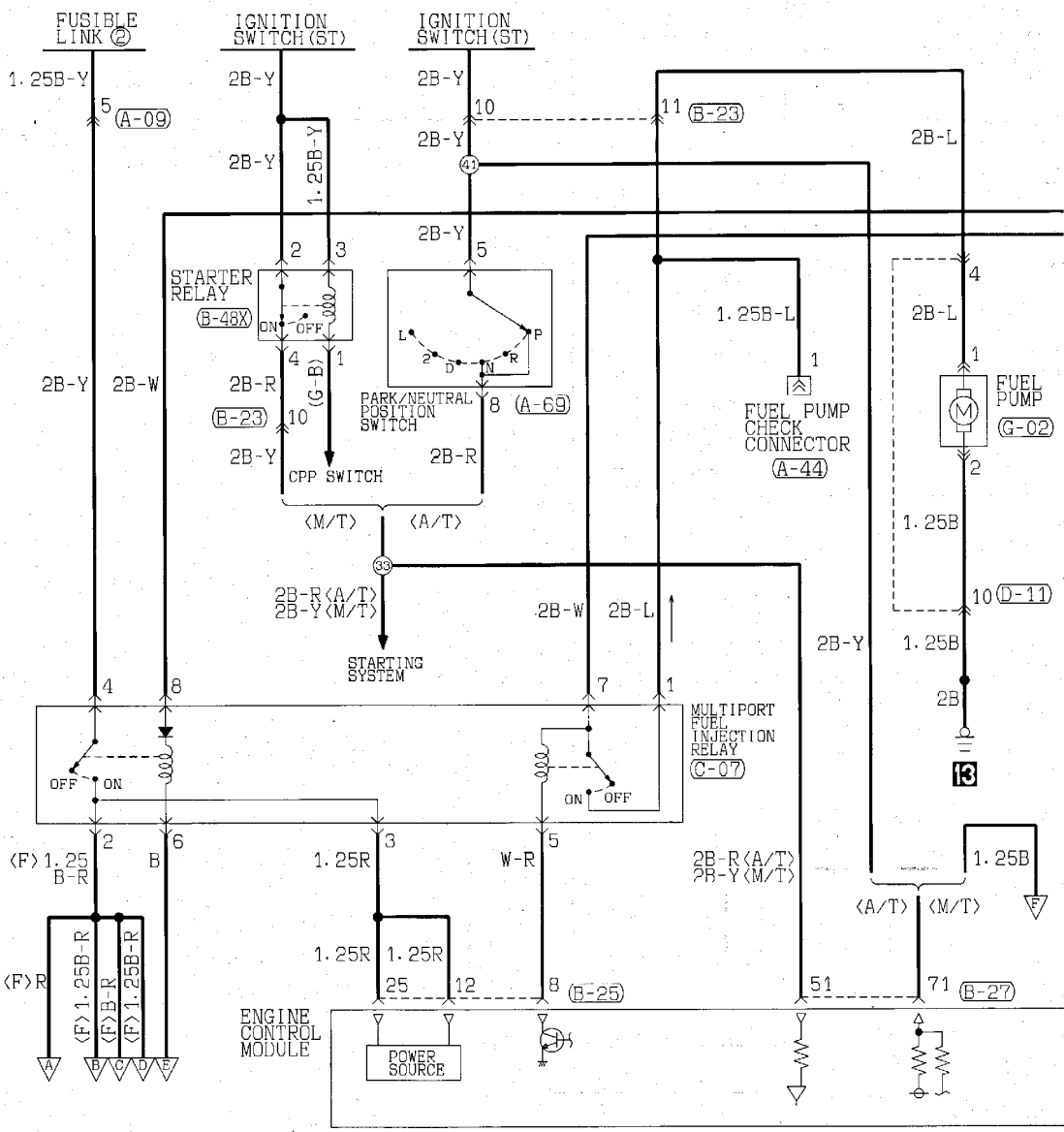
MFI SYSTEM <1.5L ENGINE (FROM 1996 MODELS FOR FEDERAL)> (CONTINUED)



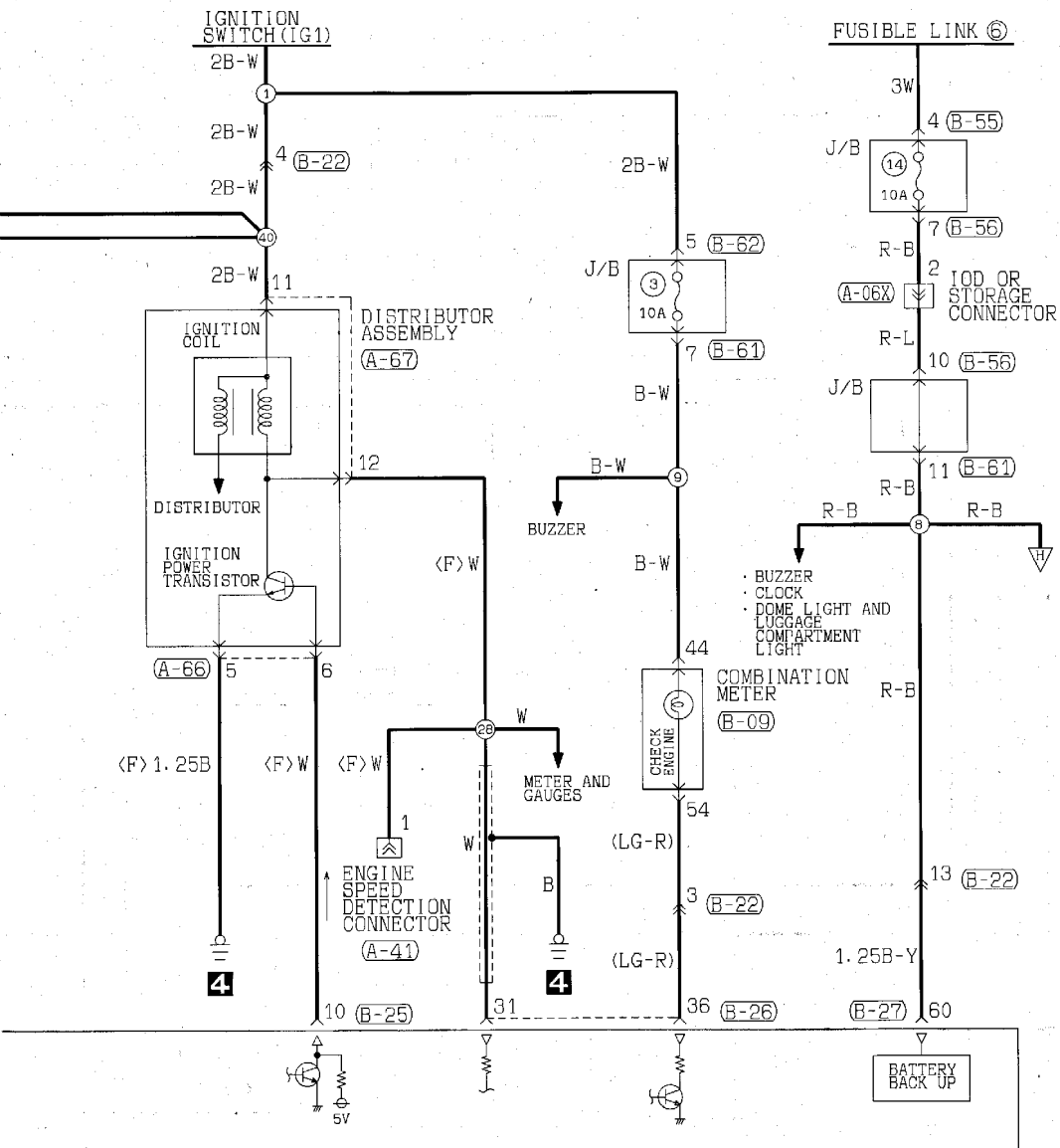


MFI SYSTEM

<1.5L ENGINE (FROM 1995 MODEL FOR CALIFORNIA)>



TSB Revision



A-06X 1 2	A-41 1	A-66 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	A-67 1 2
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B-09 3 13 23 33 43 53 63 73 83 93 103 113 123 133 143

B-22 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

B-25 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
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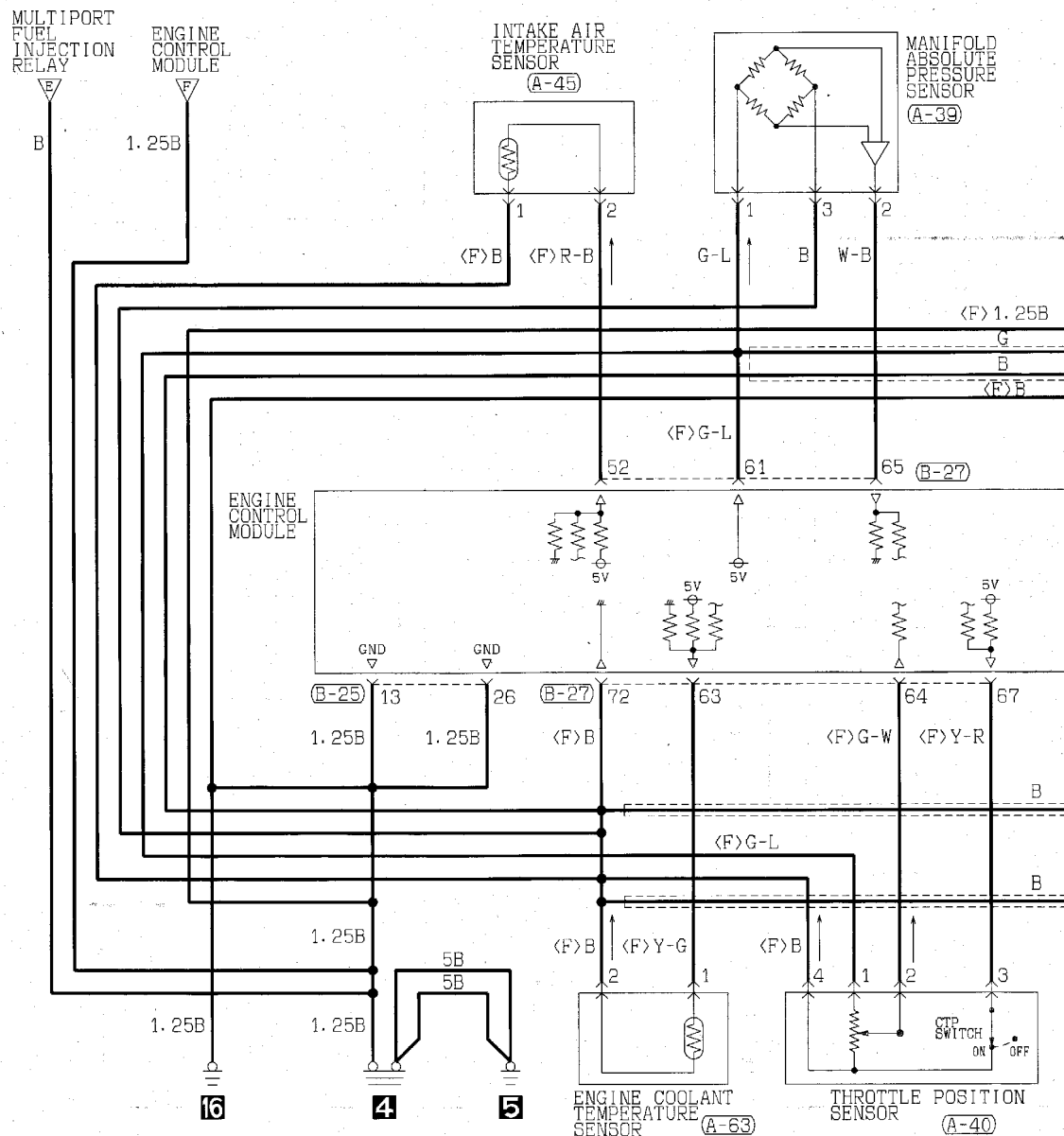
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MFI SYSTEM <1.5L ENGINE (FROM 1995 MODELS FOR CALIFORNIA)>
(CONTINUED)



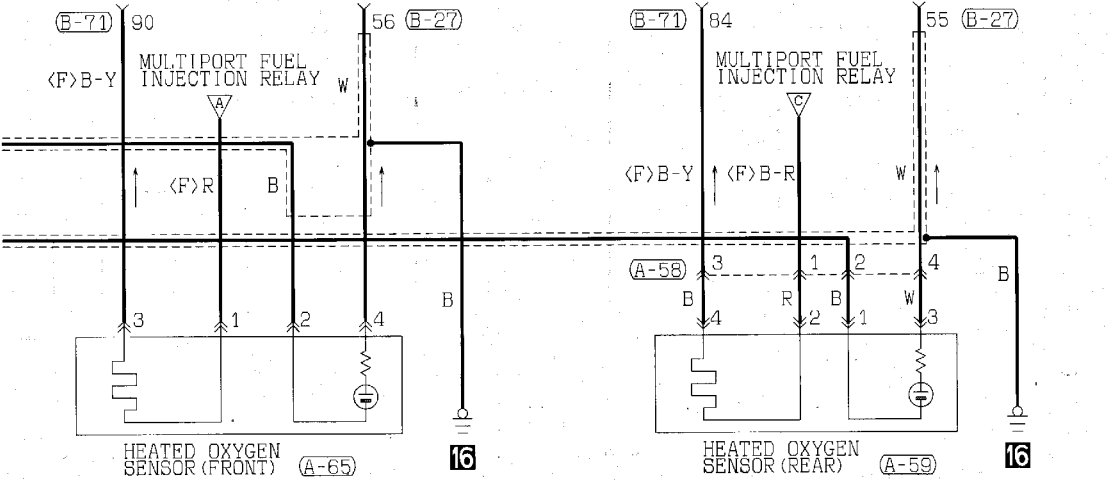
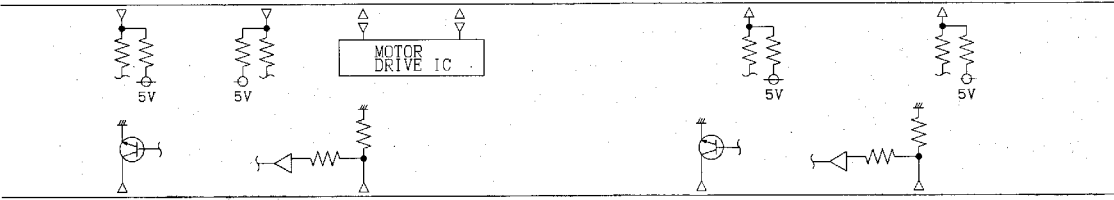
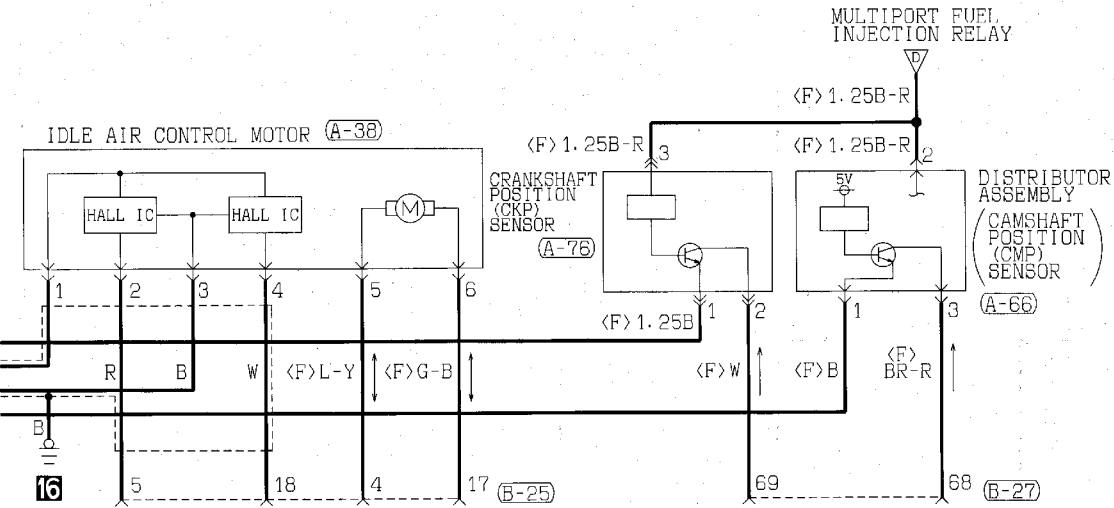
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(B-25)

(B-27)

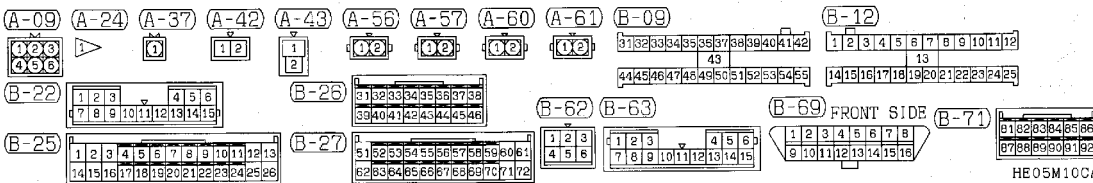
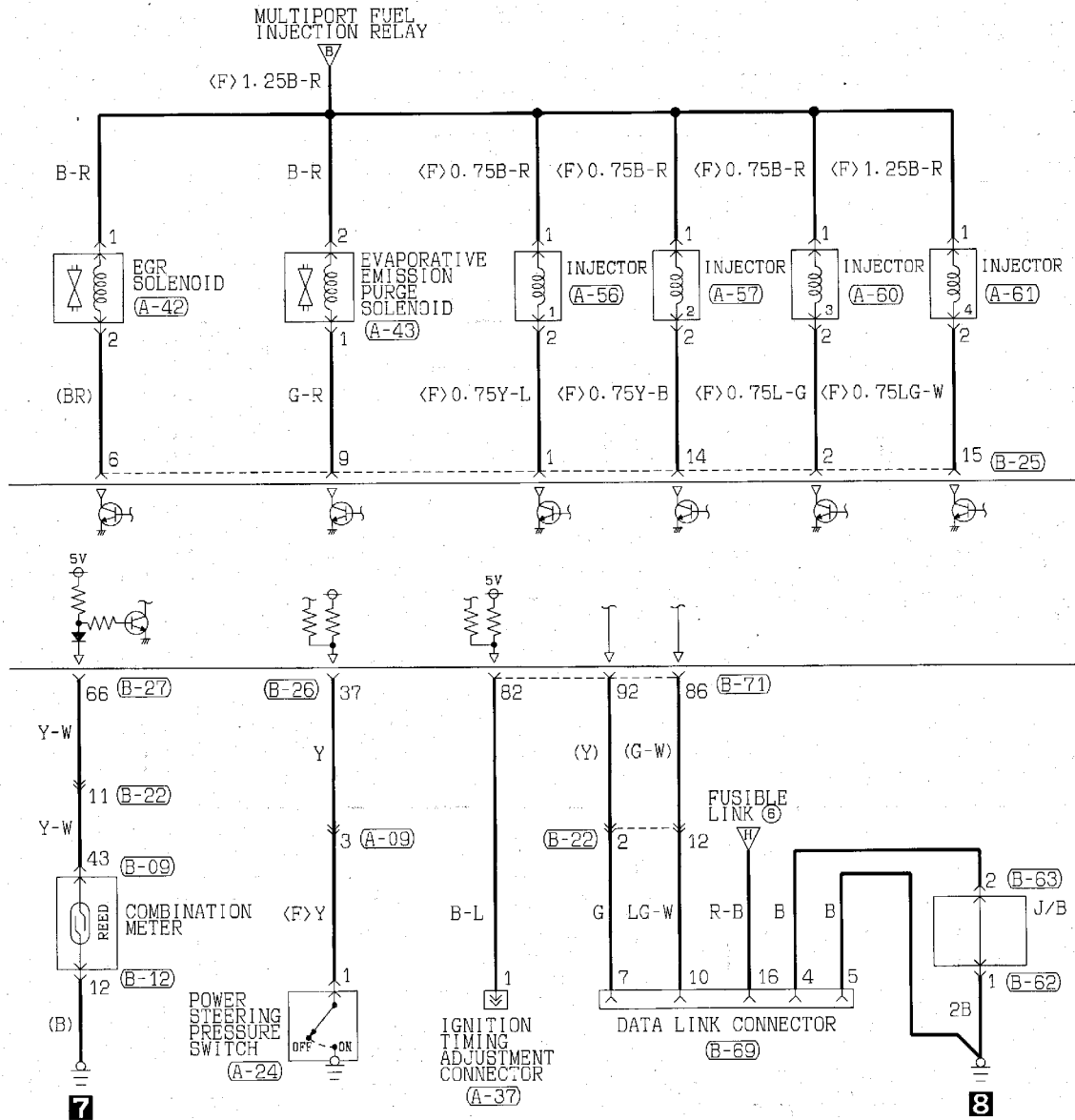
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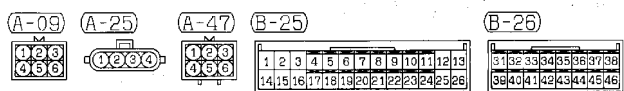
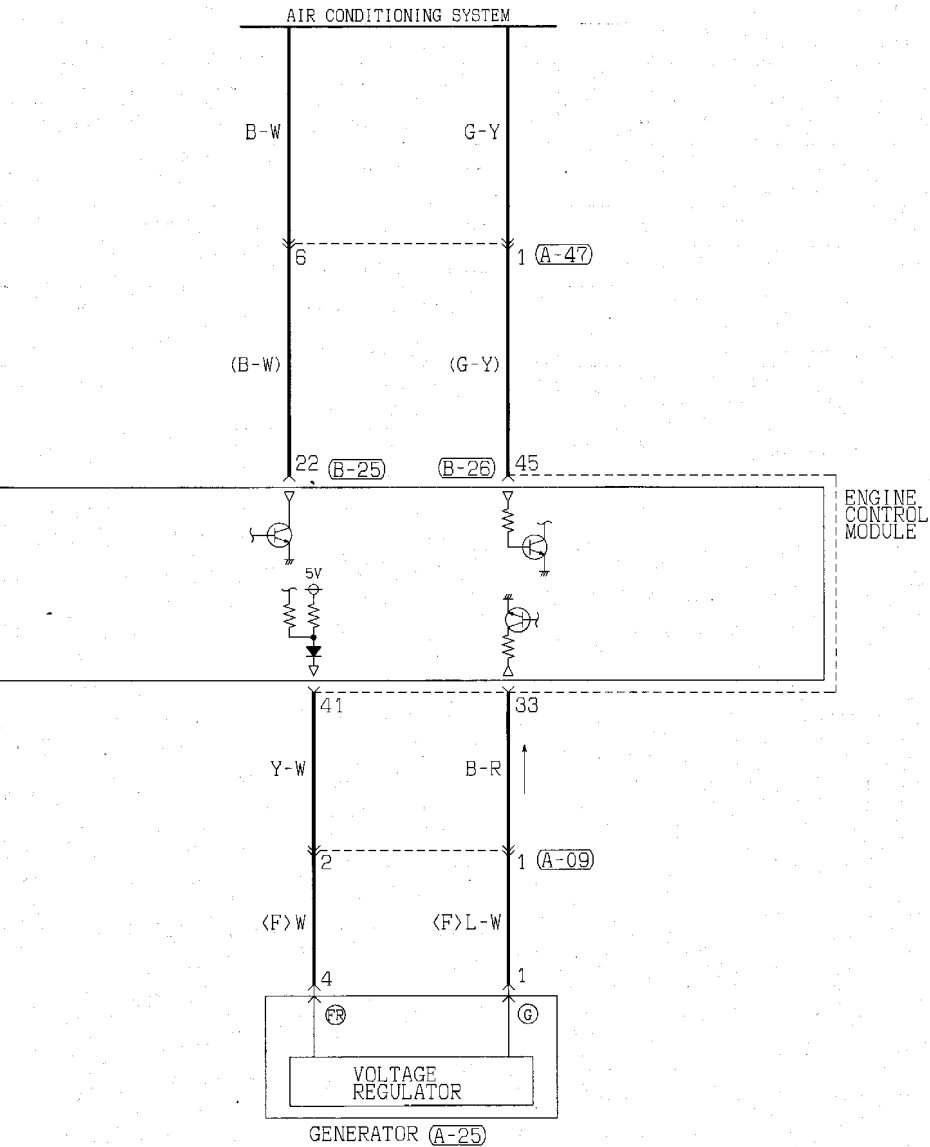
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(A-38) 1 2 3 4 5 6	(A-58) 1 2 3 4	(A-59) 1 2 3 4	(A-65) 1 2 3 4	(A-76) 1 2 3	(A-66) 1 2 3 4 5 6	(B-25) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	(B-26) 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 48	(B-27) 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72
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MFI SYSTEM <1.5L ENGINE (FROM 1995 MODELS FOR CALIFORNIA)> (CONTINUED)

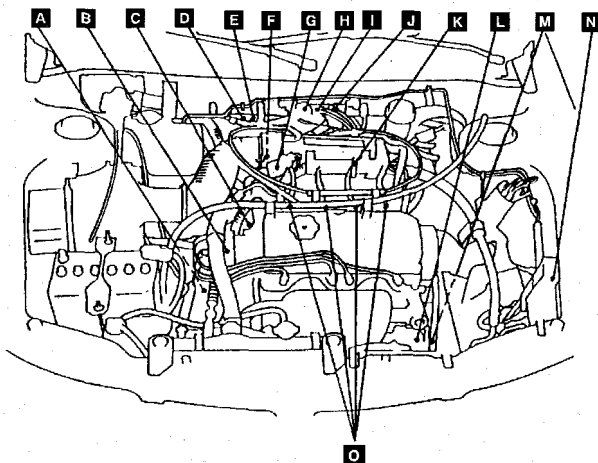




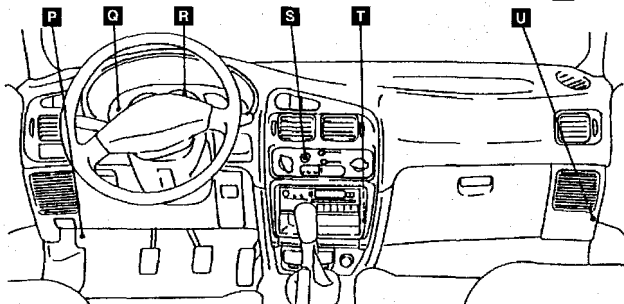
COMPONENT LOCATION <1.5L ENGINE (1995 models for California and From 1996 models)>

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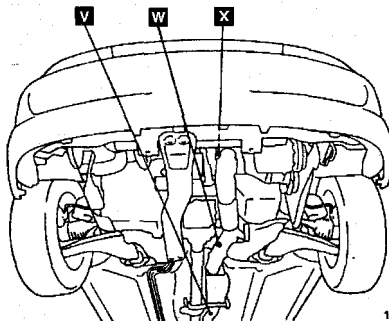
Name	Symbol	Name	Symbol
Air conditioning compressor clutch relay	N	Heated oxygen sensor (Rear) <California>	W
Air conditioning switch	S	Heated oxygen sensor (Rear) <Federal>	V
Check engine / Malfunction indicator lamp	Q	Idle air control motor	F
Crankshaft position sensor	M	Ignition timing adjustment connector	D
Data link connector	P	Injectors	O
Distributor (with built-in camshaft position sensor, ignition coil and ignition power transistor)	B	Intake air temperature sensor	K
EGR solenoid	J	Manifold absolute pressure sensor	H
Engine control module	U	Multiport fuel injection (MFI) relay	T
Engine coolant temperature sensor	C	Park / Neutral position switch	A
Evaporative emission purge solenoid	I	Power steering pressure switch	L
Fuel pump check terminal	E	Throttle position sensor (with built-in closed throttle position switch)	G
Heated oxygen sensor (Front) <California>	X	Vehicle speed sensor (reed switch)	R
Heated oxygen sensor (Front) <Federal>	W		



1FU0940

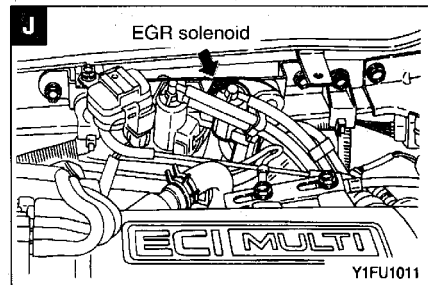
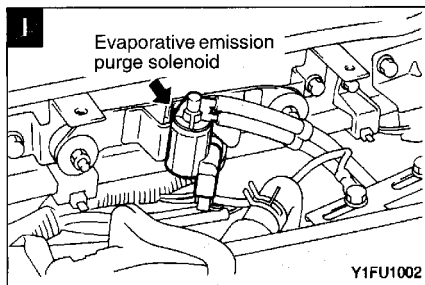
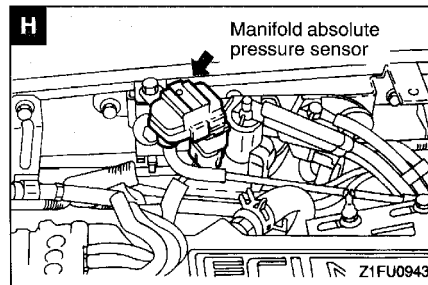
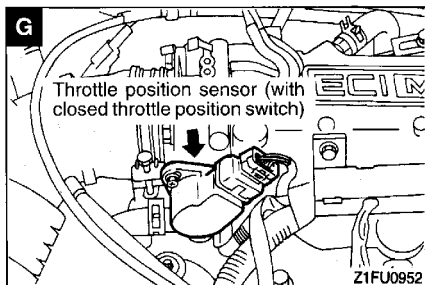
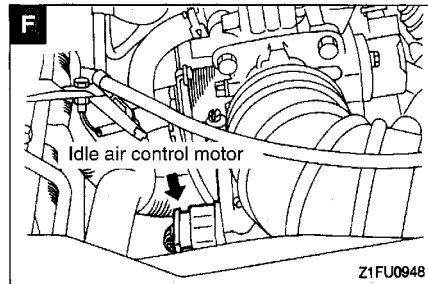
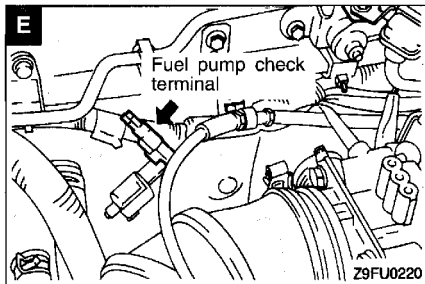
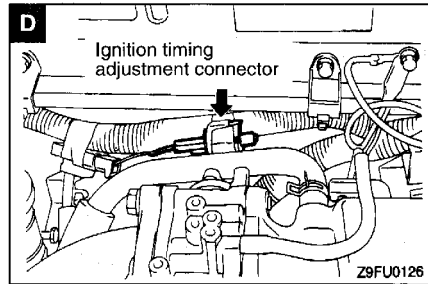
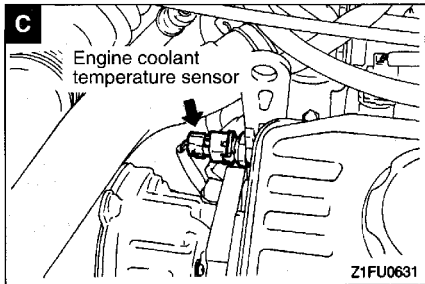
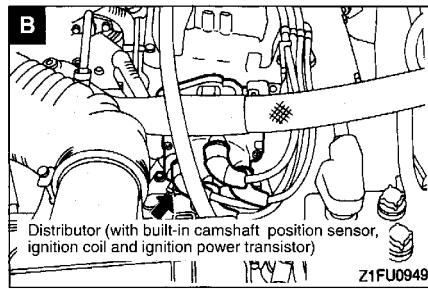
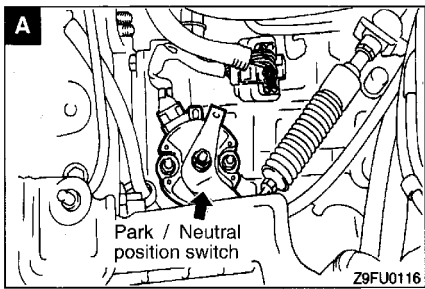


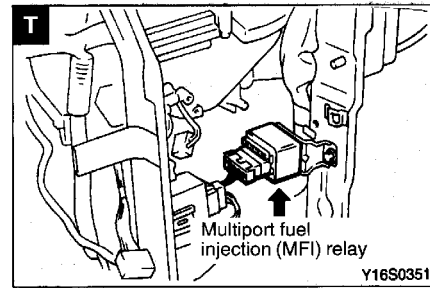
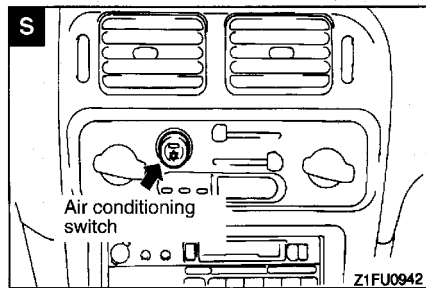
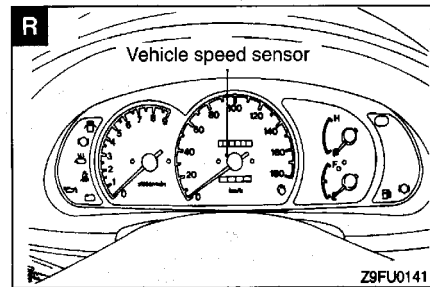
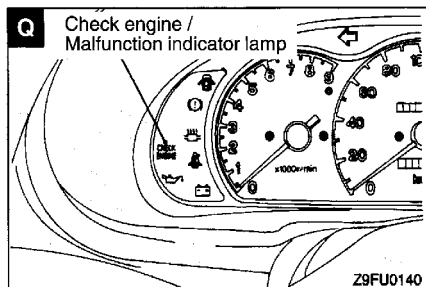
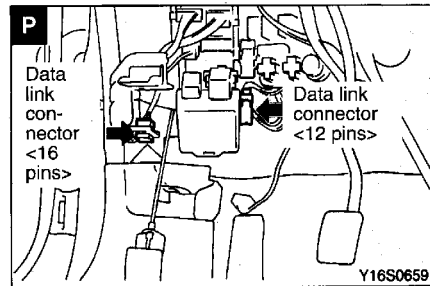
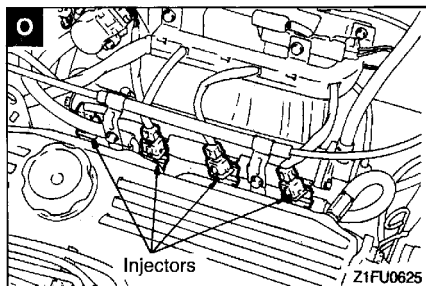
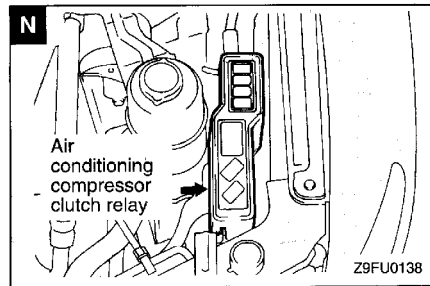
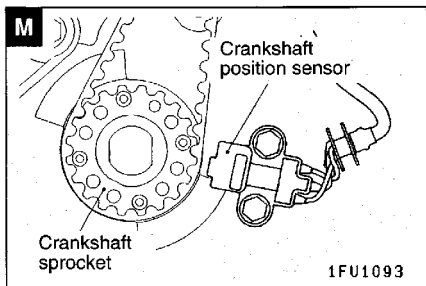
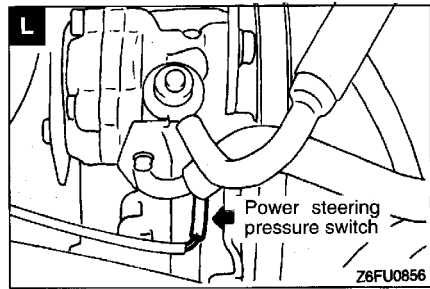
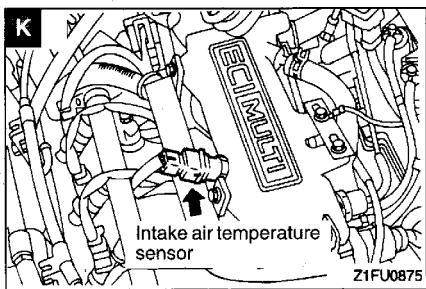
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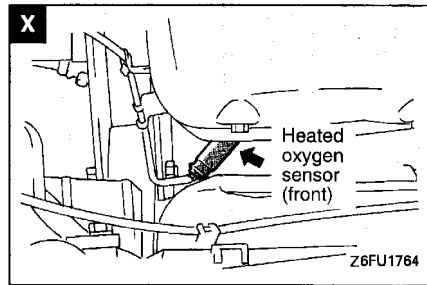
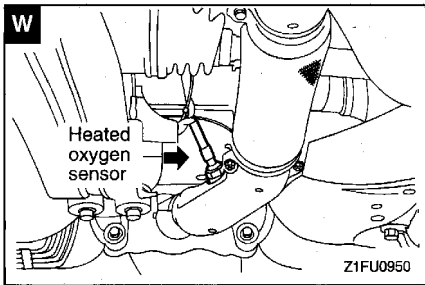
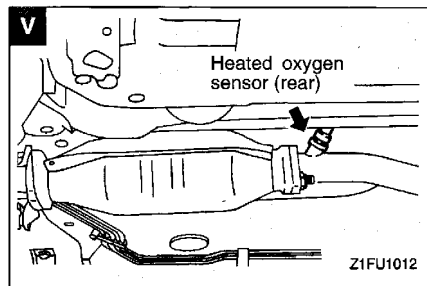
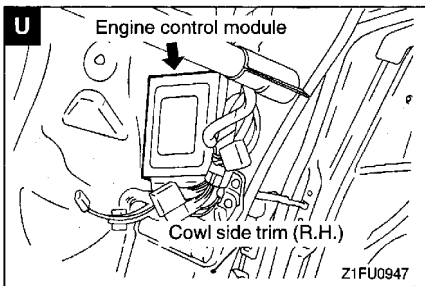


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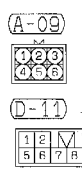
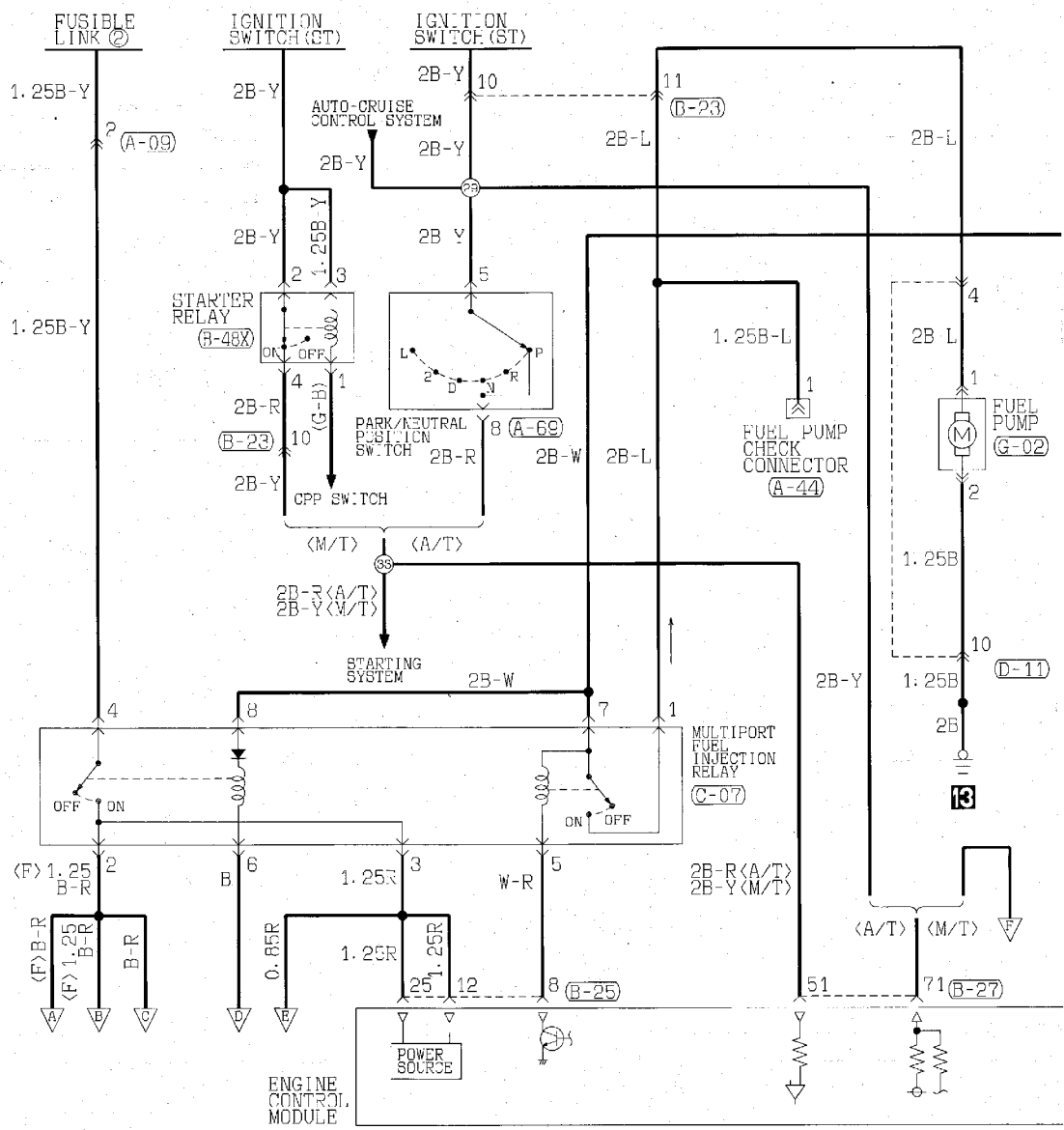


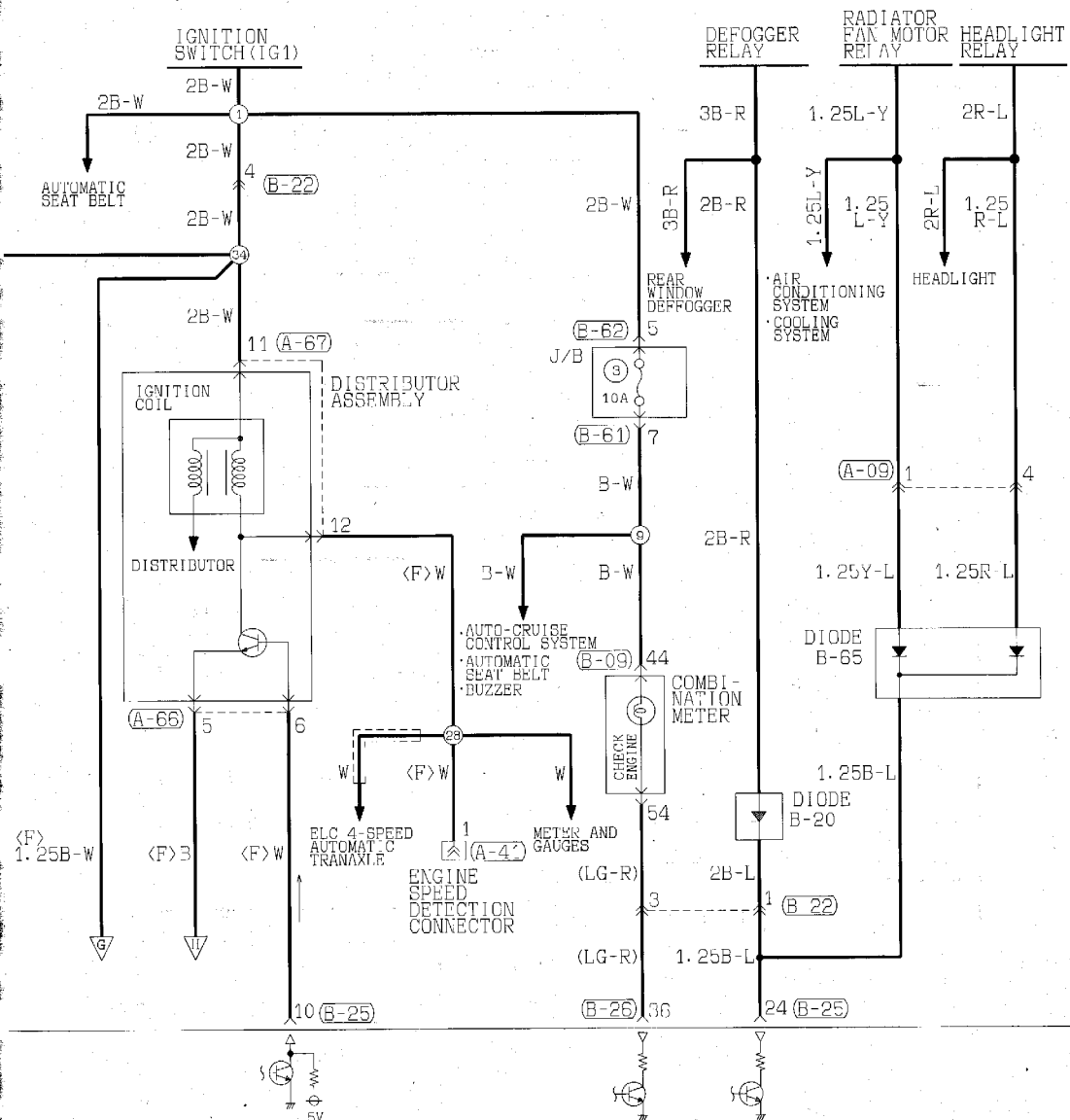




MFI SYSTEM

<1.8L ENGINE (1993 MODELS)>





(A-09) (A-41) (A-66)

(A-67) (3-09)

(B-22)

(3-25)

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

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

31	32	33	34	35	36	37	38	39	40	41	42	
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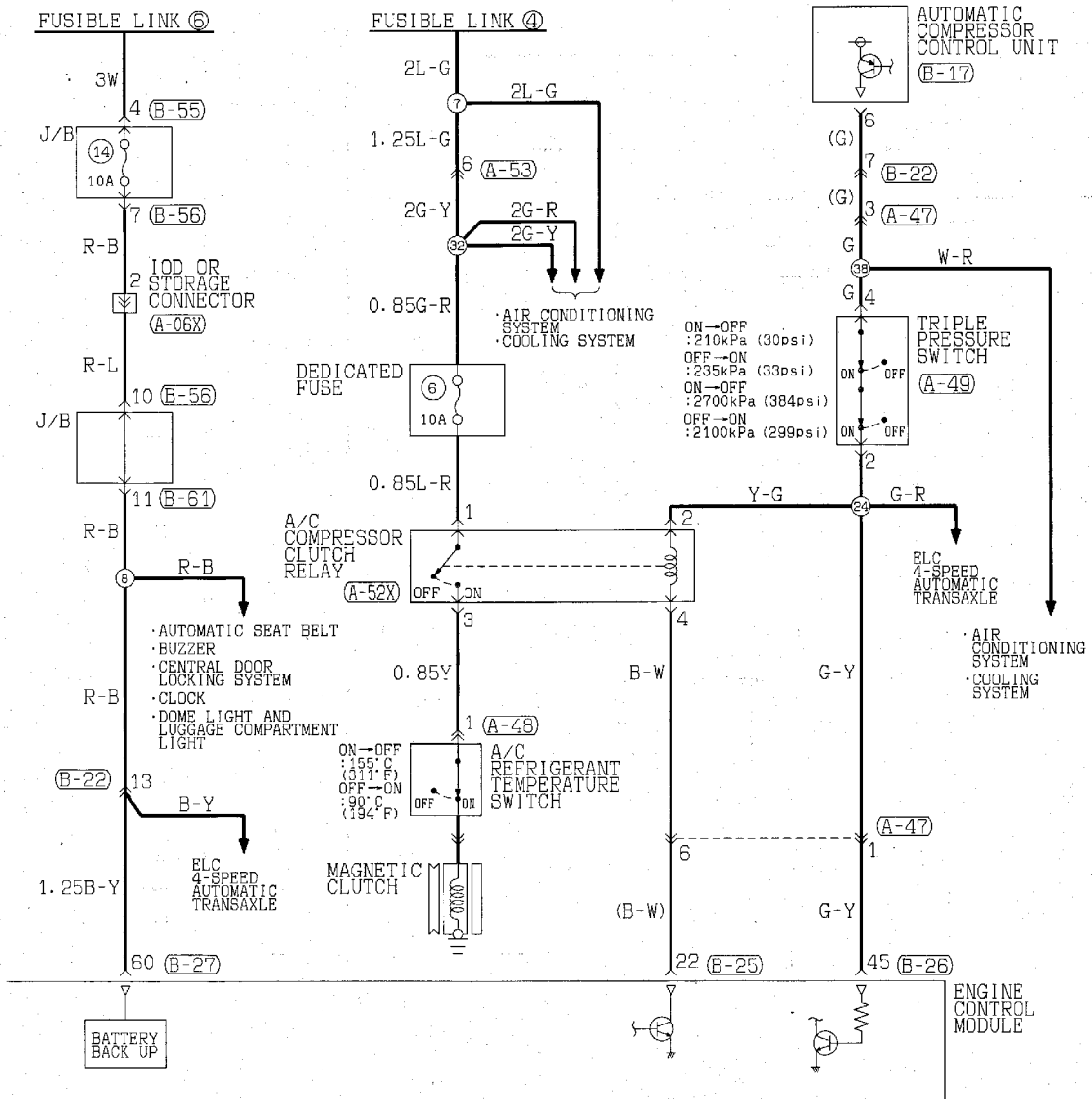
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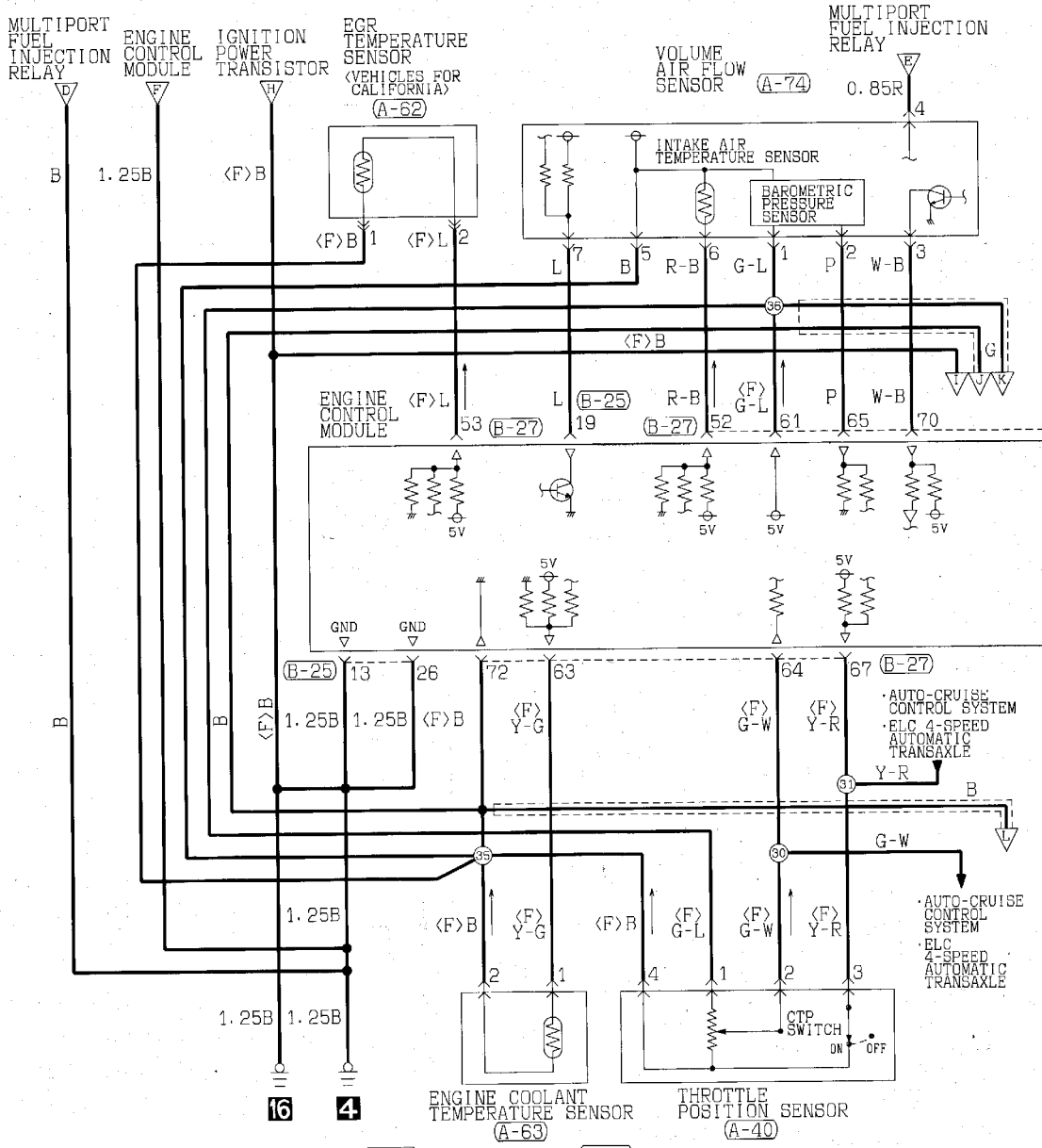
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1	2	3
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MFI SYSTEM <1.8L ENGINE (1993 MODELS)> (CONTINUED)



(A-06X)	(A-47)	(A-48)	(A-49)	(A-52X)	(A-53)	(B-17)	(B-22)	(B-25)	(B-26)																																																																																										
<table border="1"><tr><td>1</td><td>2</td></tr><tr><td>12</td><td>13</td></tr></table>	1	2	12	13	<table border="1"><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td>5</td><td>6</td></tr></table>	1	2	3	4	5	6	<table border="1"><tr><td>1</td></tr></table>	1	<table border="1"><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td>5</td><td>6</td></tr></table>	1	2	3	4	5	6	<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr><tr><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr><tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr></table>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr><tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr><tr><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td></tr></table>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr><tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td></tr></table>	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	<table border="1"><tr><td>31</td><td>32</td><td>33</td><td>34</td><td>35</td><td>36</td><td>37</td><td>38</td></tr><tr><td>39</td><td>40</td><td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>46</td></tr></table>	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46
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39	40	41	42	43	44	45	46																																																																																												
(B-27)	(B-55)	(B-56)	(B-61)																																																																																																
<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td>32</td><td>33</td><td>34</td><td>35</td><td>36</td><td>37</td><td>38</td><td>39</td><td>40</td><td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>46</td><td>47</td><td>48</td><td>49</td><td>50</td><td>51</td><td>52</td><td>53</td><td>54</td><td>55</td><td>56</td><td>57</td><td>58</td><td>59</td><td>60</td><td>61</td></tr></table>	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	<table border="1"><tr><td>1</td><td>2</td></tr><tr><td>3</td><td>4</td></tr><tr><td>5</td><td>6</td></tr></table>	1	2	3	4	5	6	<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td>5</td><td>6</td><td>7</td><td>8</td></tr><tr><td>9</td><td>10</td><td>11</td><td>12</td></tr></table>	1	2	3	4	5	6	7	8	9	10	11	12	<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr><tr><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr><tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr></table>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
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																																							
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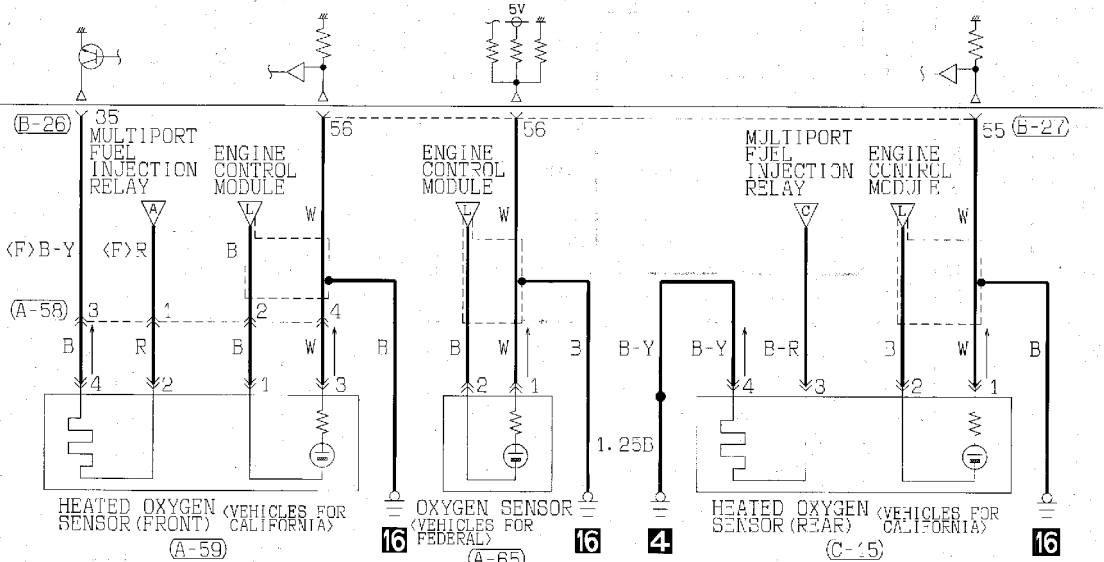
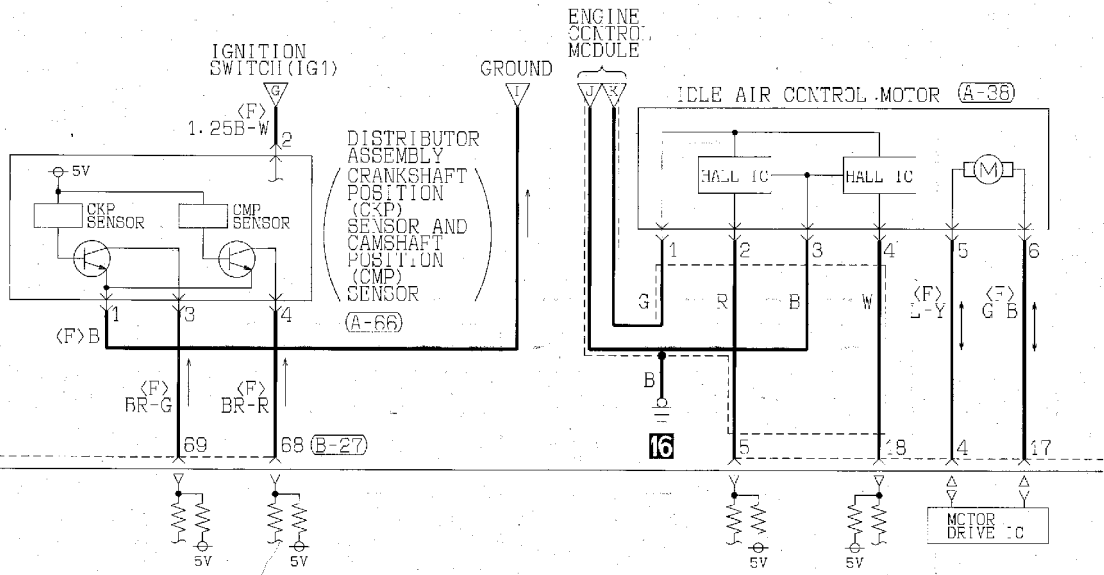
- (A-40) (A-62) (A-63) (A-74) (B-25)

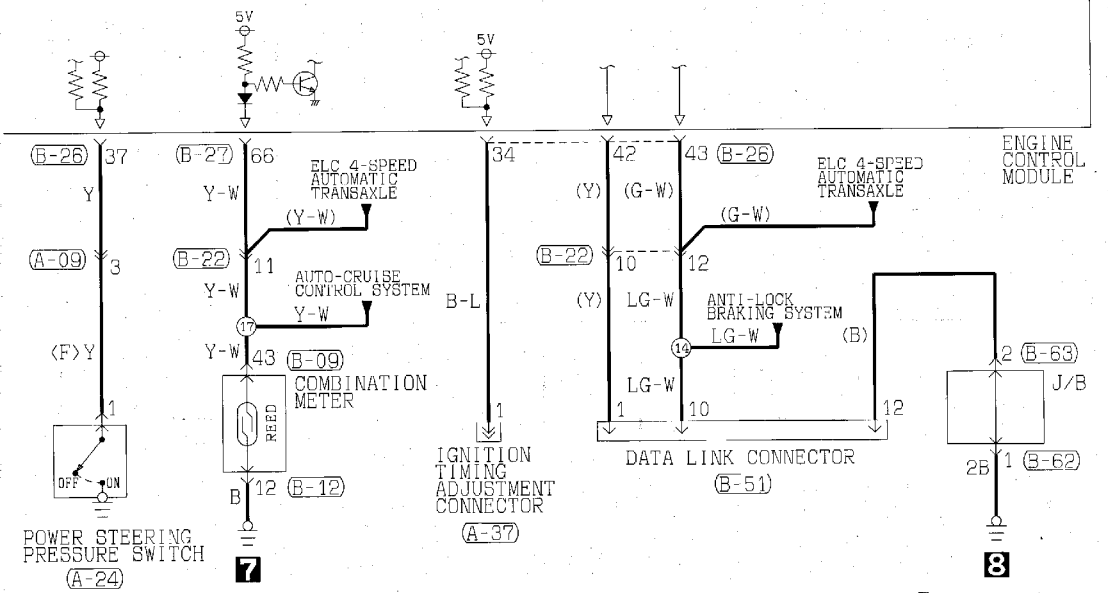
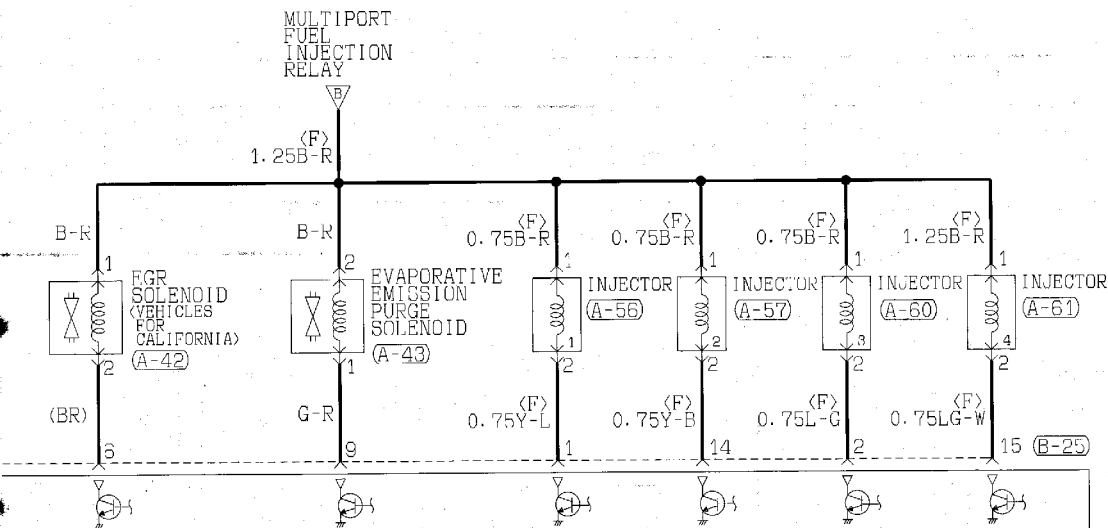
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14	15	16	17	18	19	20	21	22	23	24	25	26

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

MFI SYSTEM <1.8L ENGINE (1993 MODELS)> (CONTINUED)



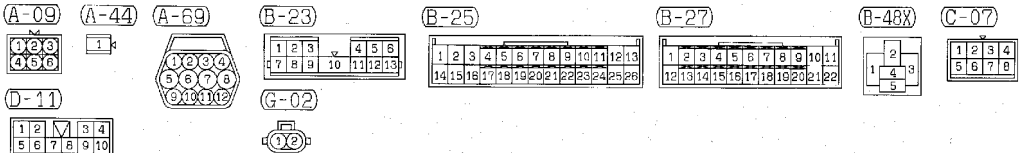
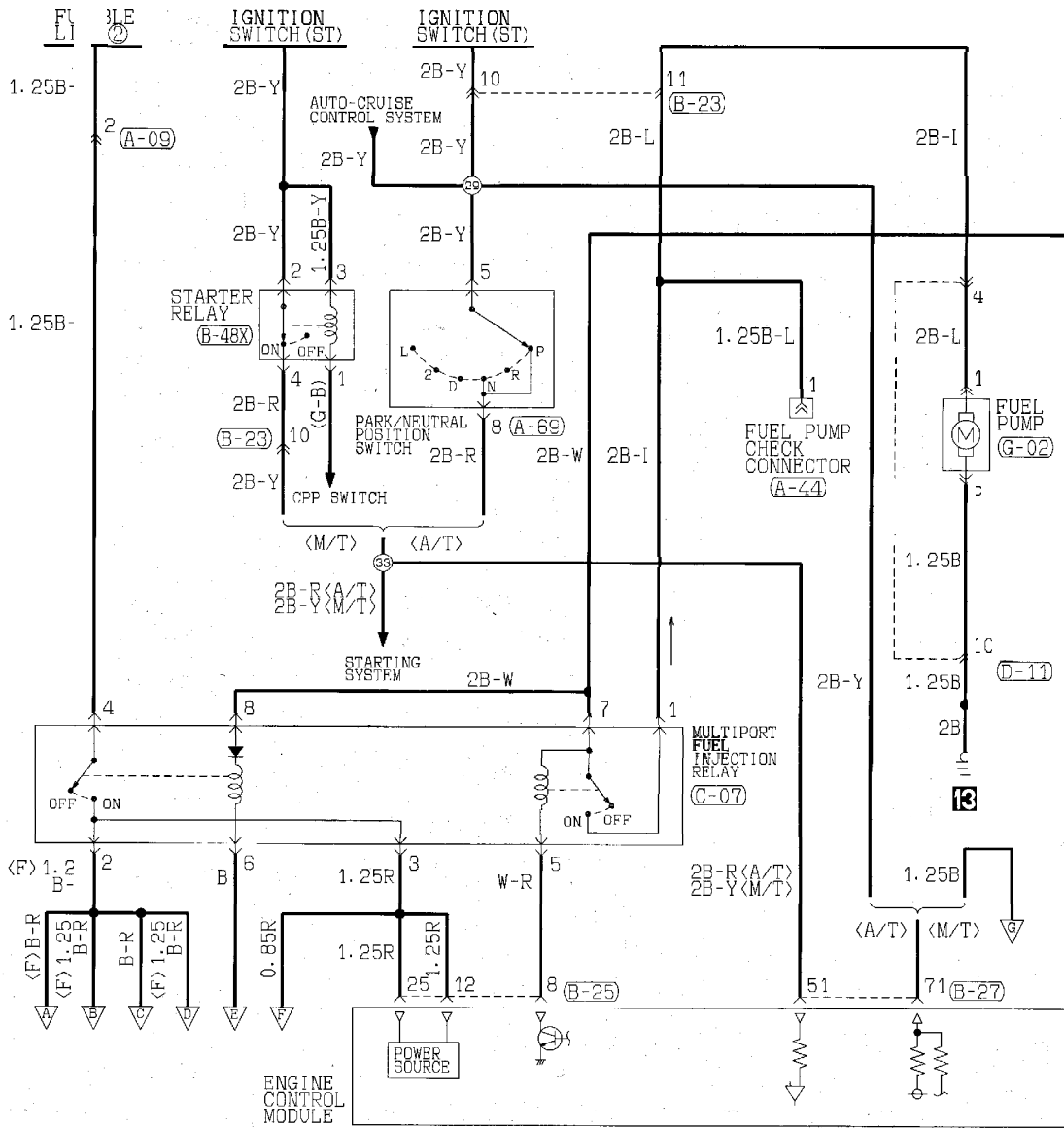


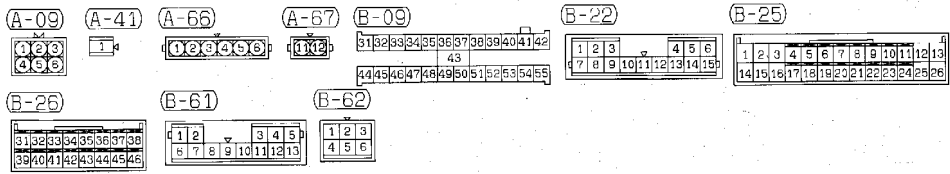
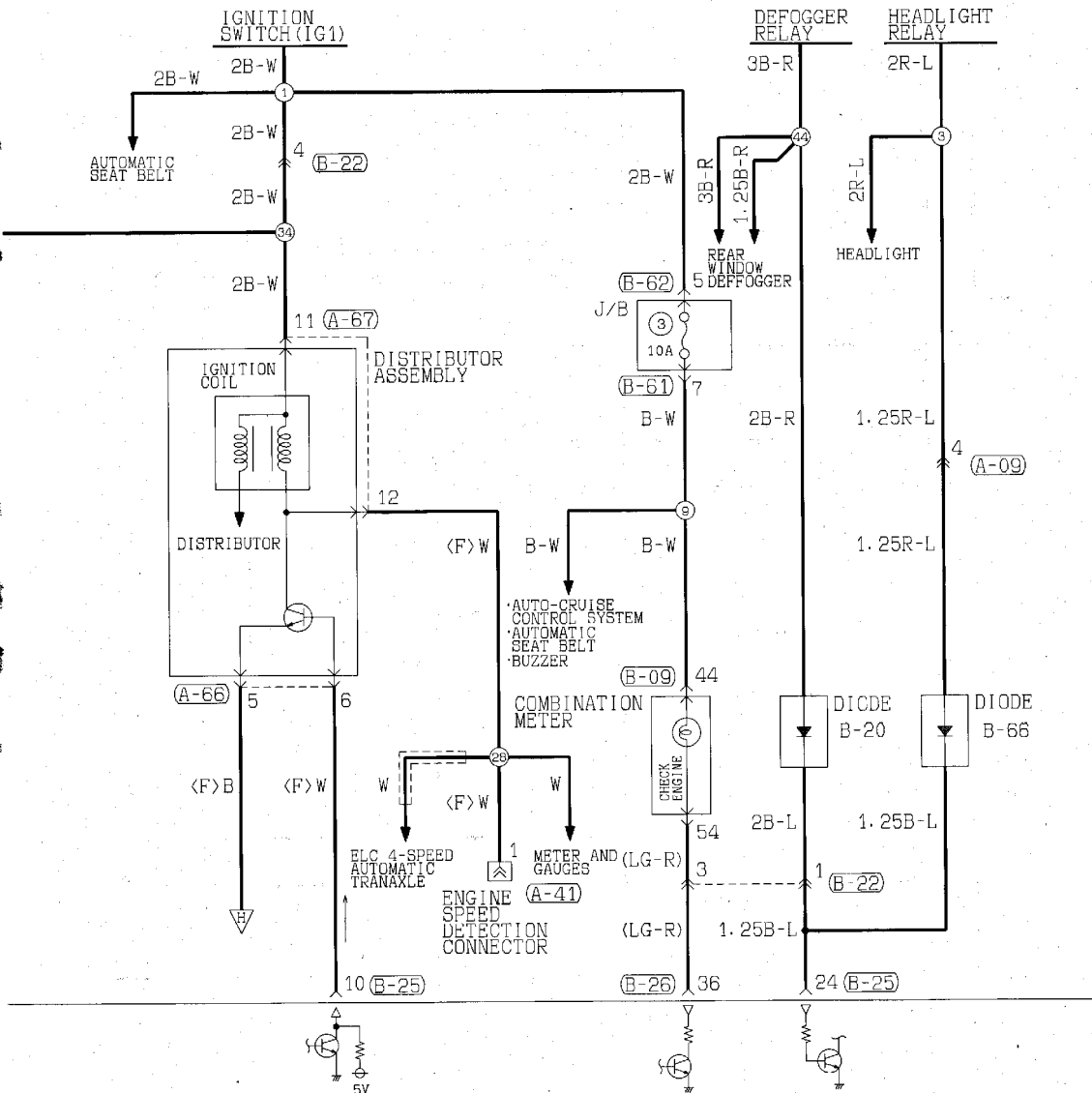
(A-09)	(A-24)	(A-37)	(A-42)	(A-43)	(A-56)	(A-57)	(A-60)	(A-61)	(B-09)	31	32	33	34	35	36	37	38	39	40	41	42
43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
(B-12)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
(B-51) FRONT SIDE	REAR SIDE	(B-62)	(B-63)																		
5 4 3 2 1	1 2 3 4 5	1 2 3	4 5 6																		
2 1 10 9 8 7 6	6 7 8 9 10 11 12	4 5 6	7 8 9 10 11 12 13 14 15																		

MFI SYSTEM

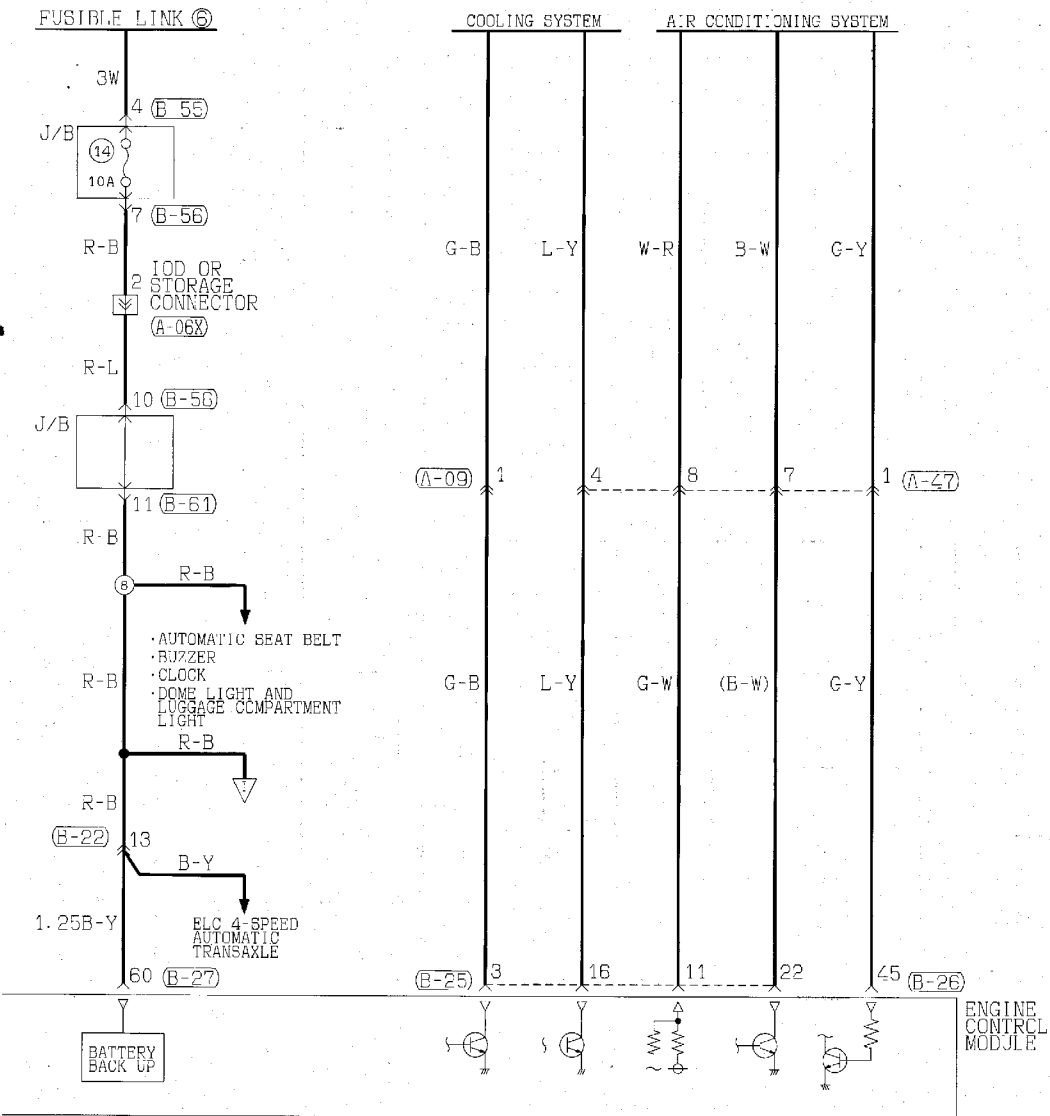
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<1.8L ENGINE (1994 MODELS)>

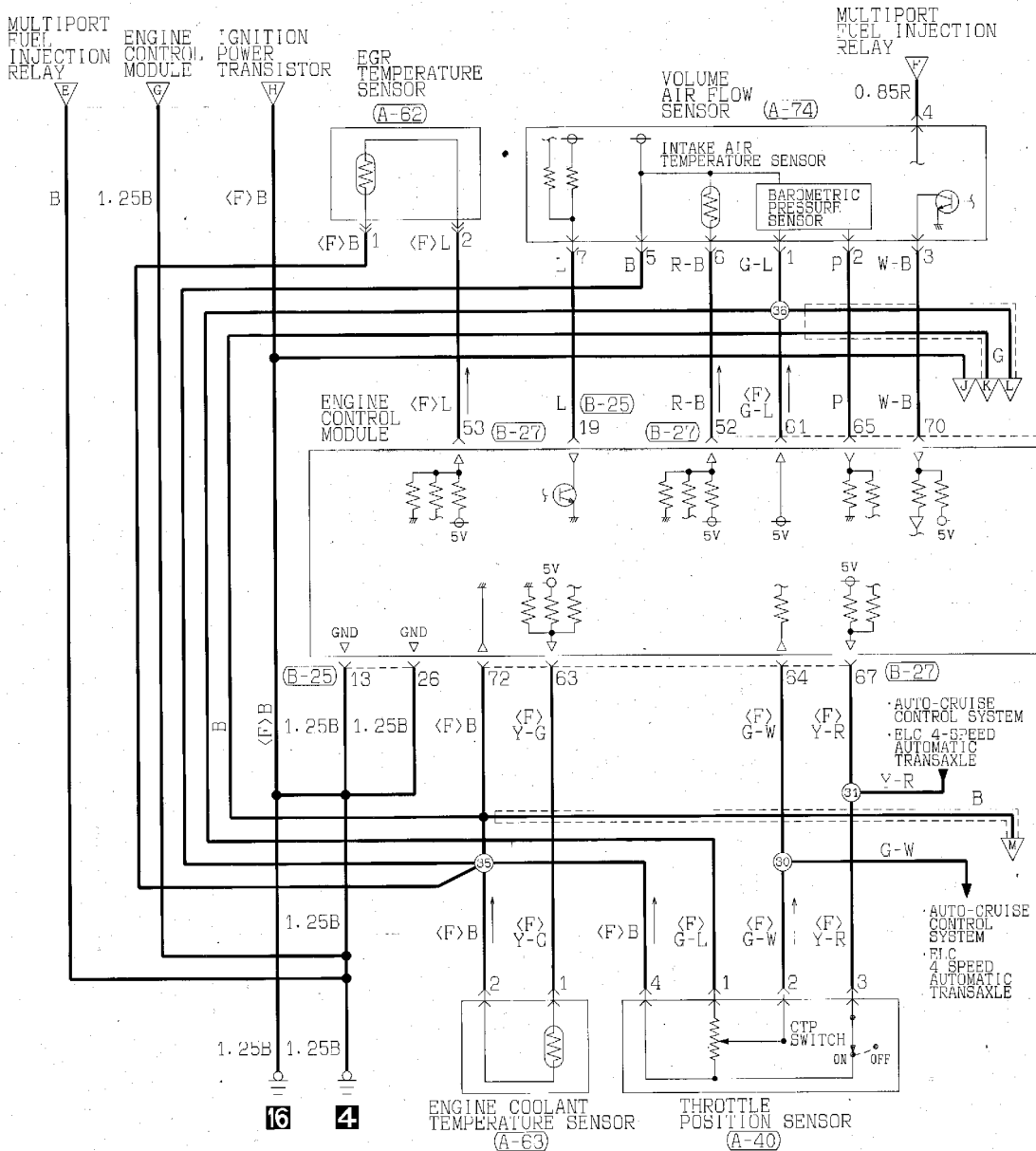




MFI SYSTEM <1.8L ENGINE (1994 MODELS)> (CONTINUED)



(A-06X) 1 2	(A-09) 1 2 3 4 5 6	(A-47) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	(B-22) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	(B-25) 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-26) 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	(B-27) 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72	(B-55) 1 2 3 4	
(B-56) 4 5 6 7 8 9 10 11	(B-61) 1 2 3 4 5 6 7 8 9 10 11 12 13							



(A-40) (A-62) (A-63) (A-74)

(B-25)

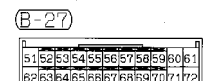
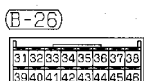
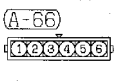
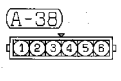
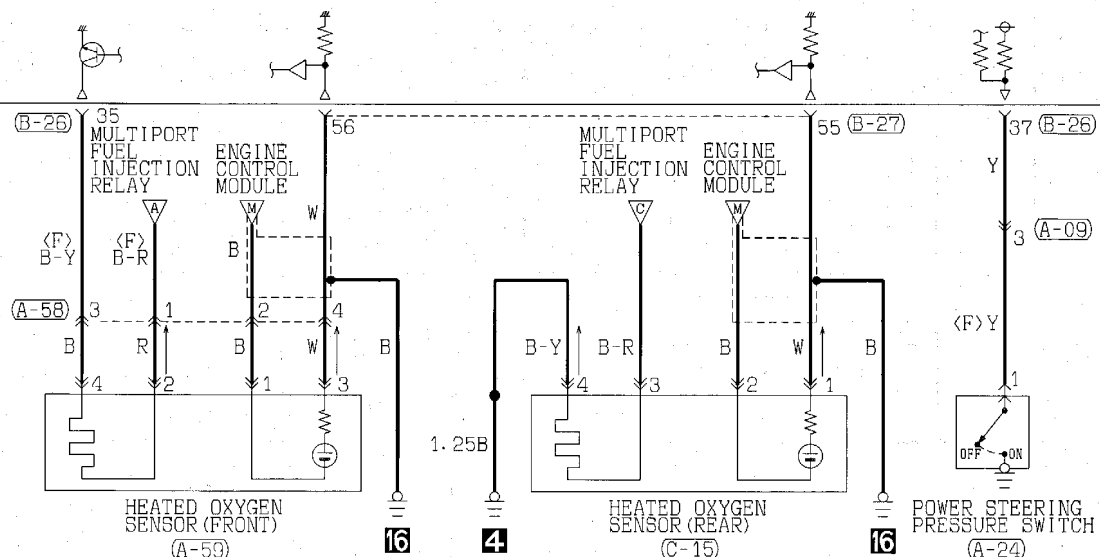
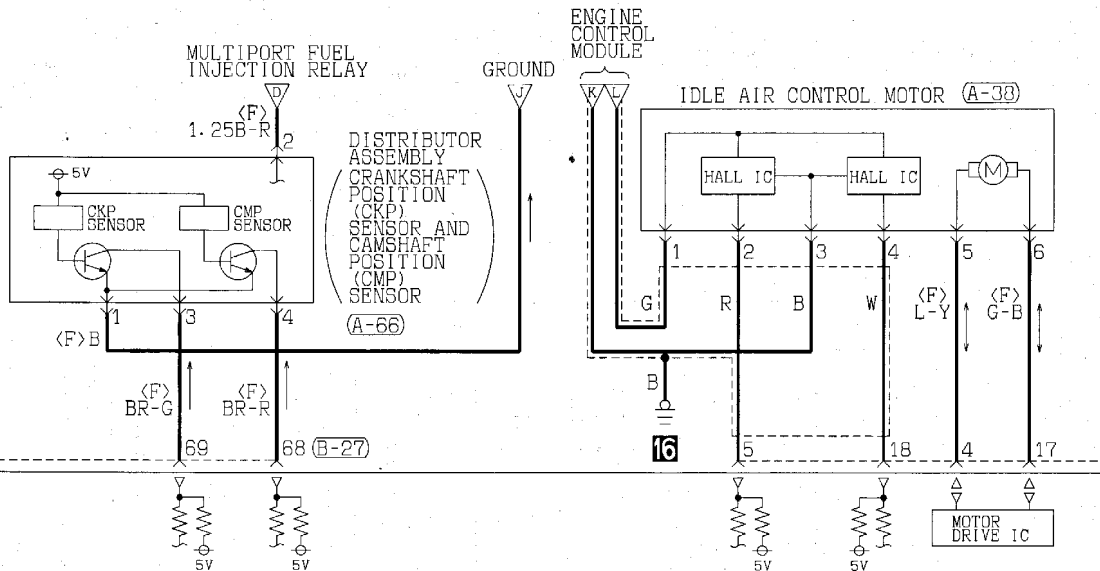
(B-27)

10334 12 00 02X6670

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14	15	16	17	18	19	20	21	22	23	24	25	26

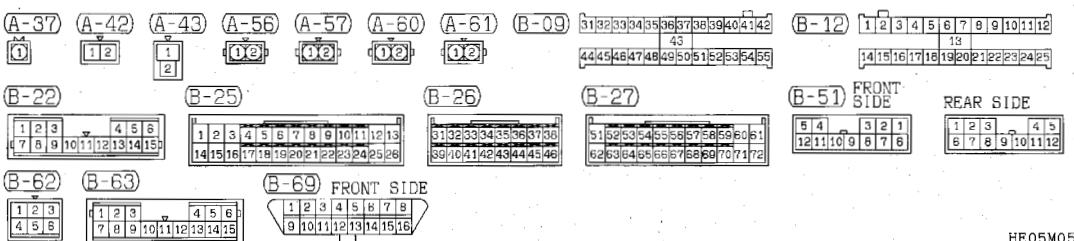
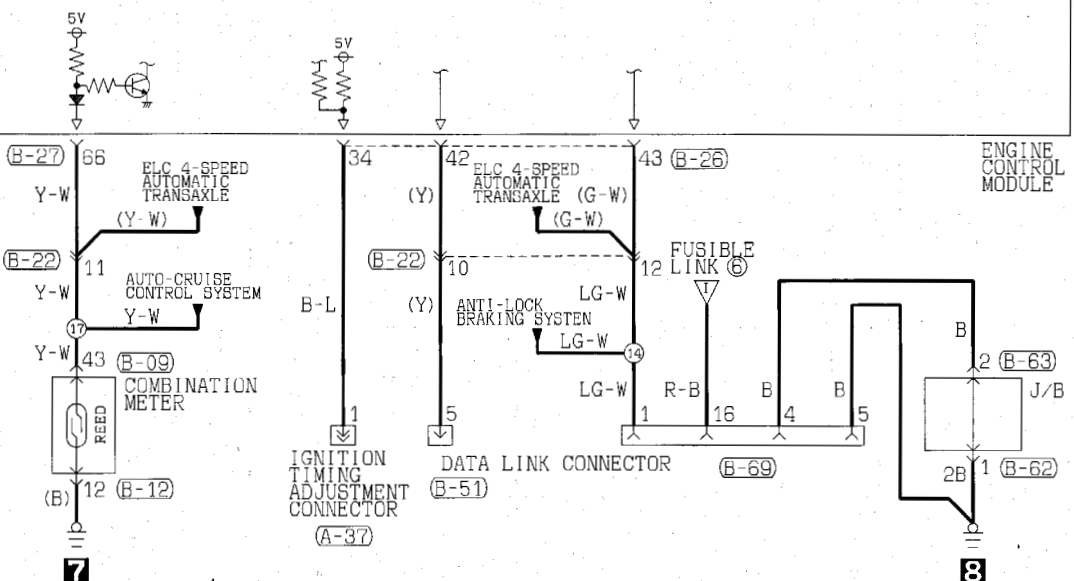
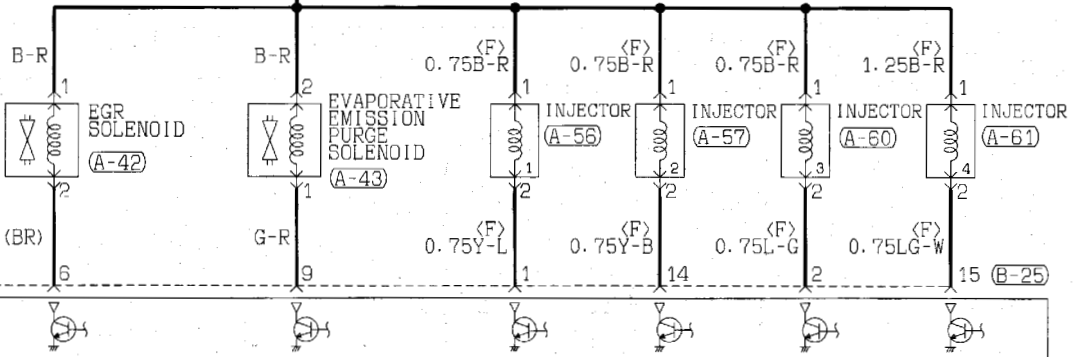
51	52	53	54	55	56	57	58	59	60	61
62	63	64	65	66	67	68	69	70	71	72

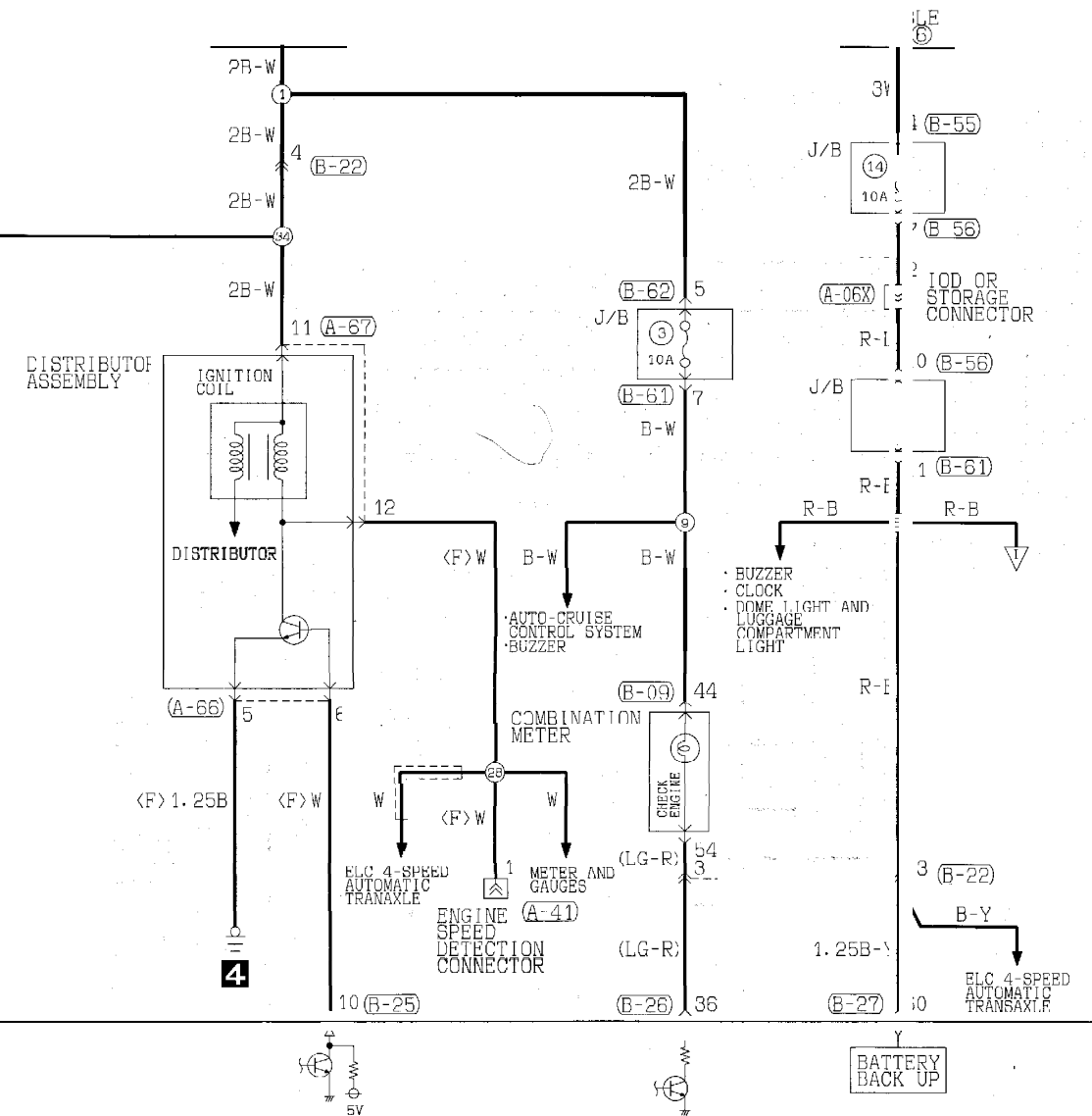
MFI SYSTEM <1.8L ENGINE (1994 MODELS)> (CONTINUED)



MULTIPOINT FUEL INJECTION RELAY

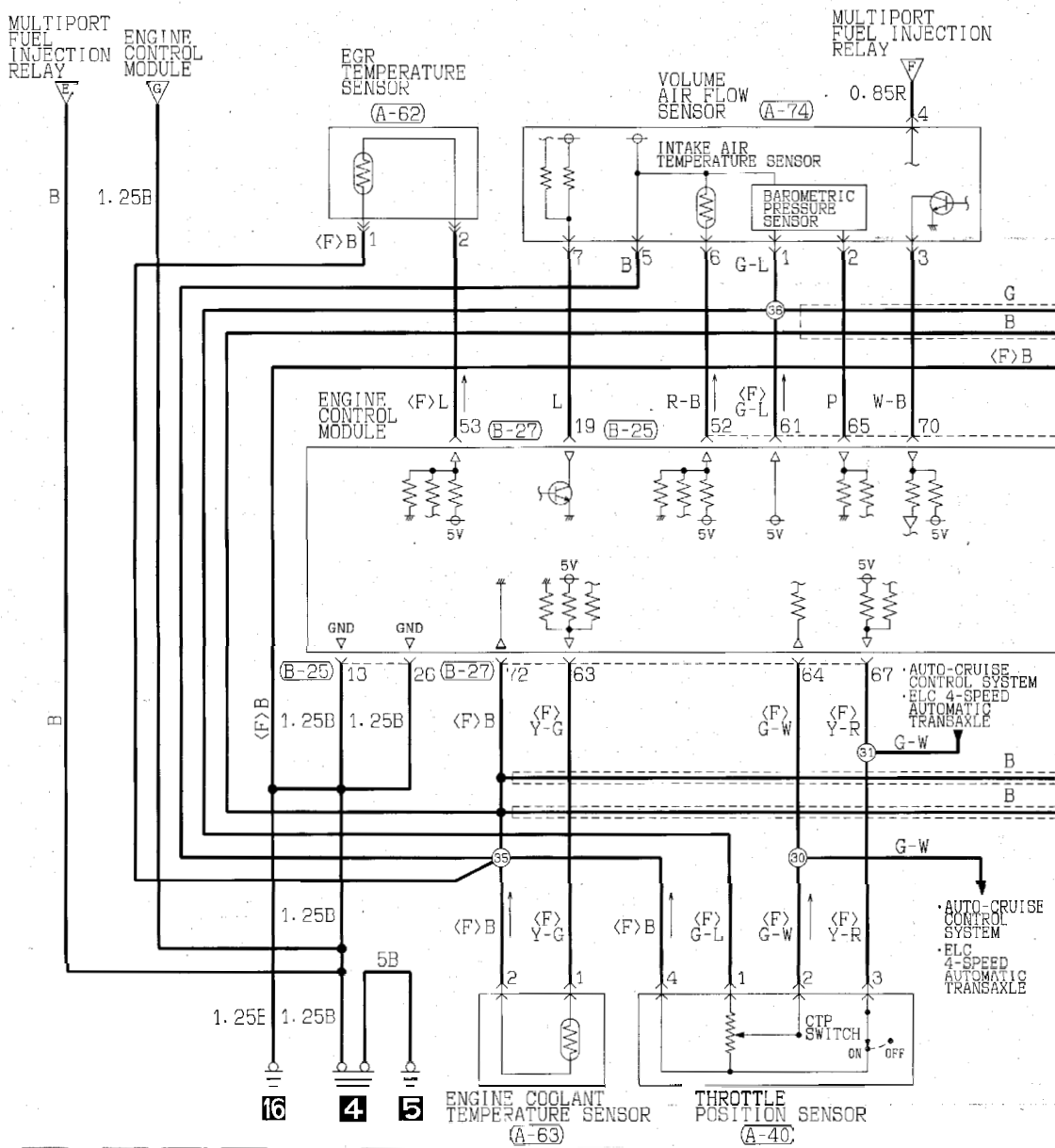
1.25B-R





(A-06X)	(A-41)	(A-66)	(A-67)	(B-09)	(B-22)	(B-25)
1 2	1	1 2 3 4 5 6	1 2	1 3 2 3 3 4 3 5 3 6 3 7 3 8 3 9 4 0 4 1 4 2 43	1 2 3 4 7 8 9 10 11 12 13 14 15	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-26)	(B-27)	(B-55)	(B-56)	(B-61)	(B-62)	
1 2 3 3 4 3 5 3 6 3 7 3 8	1 2 3 4 5 5 6 5 7 5 8 5 9 6 0 6 1	1 2 3 4 5 6	1 2 3 4 5 6 7 8 9 10 11	1 2 3 4 5 6 7 8 9 10 11 12 13	1 2 3 4 5 6	
3 9 4 0 4 1 4 2 4 3 4 4 4 5 4 6	6 2 6 3 6 4 6 5 6 6 6 7 6 8 6 9 7 0 7 1 7 2					

MFI SYSTEM <1.8L ENGINE (1995 MODELS FOR FEDERAL)> (CONTINUED)



(A-40) (A-62) (A-63) (A-74)

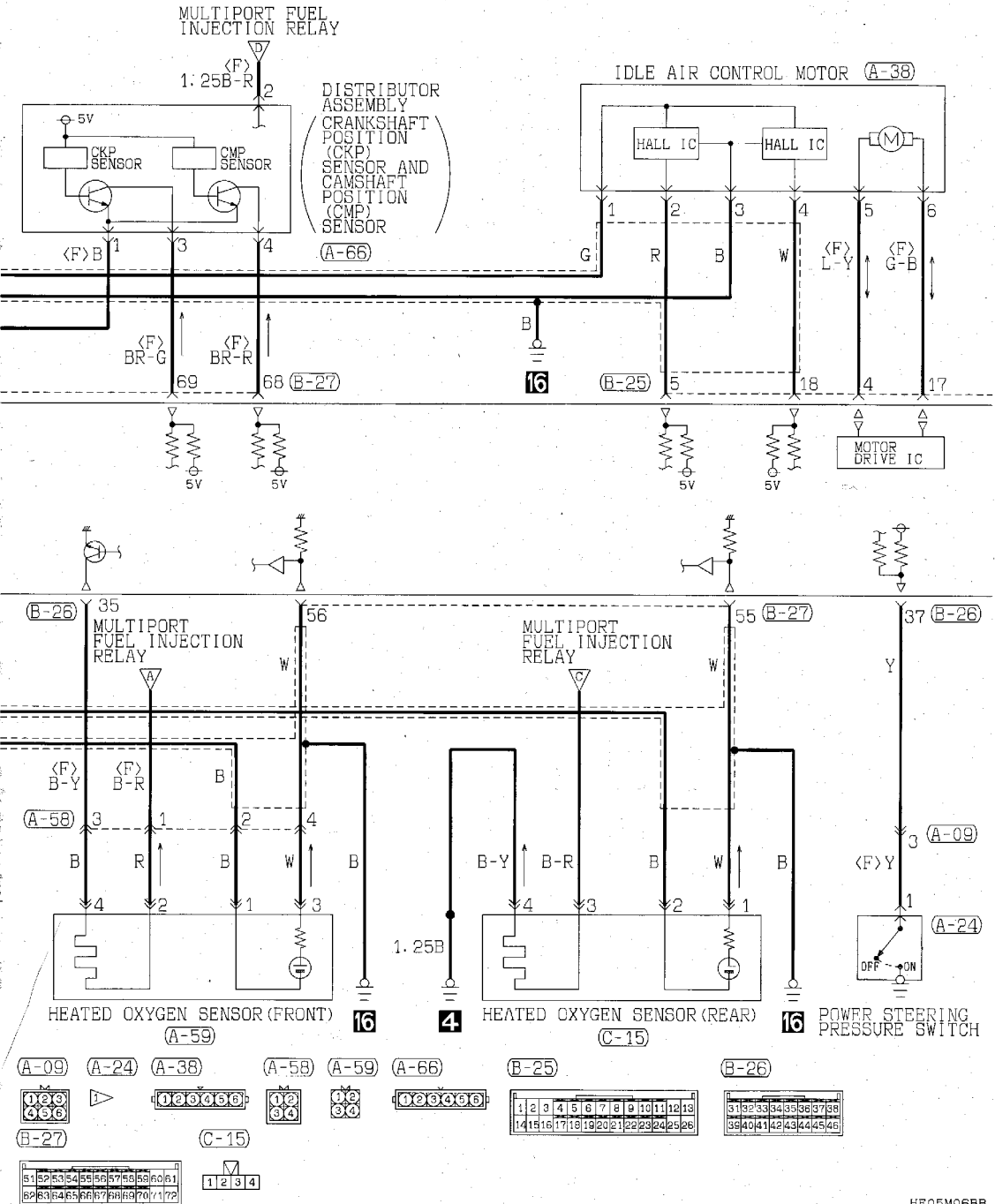
(B-25)

(B-27)

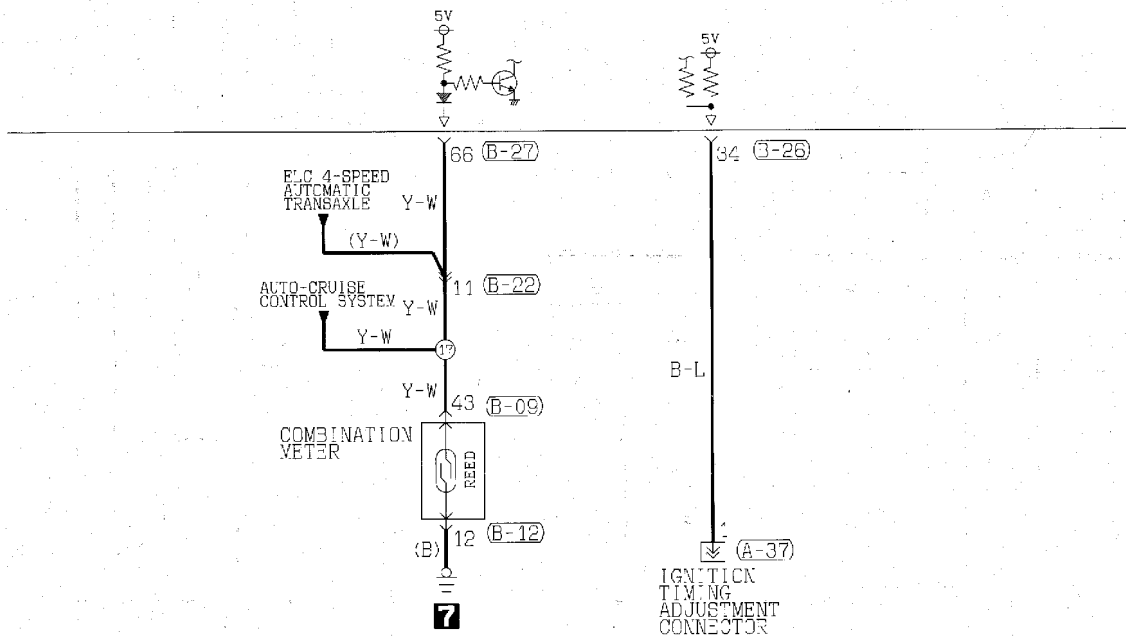
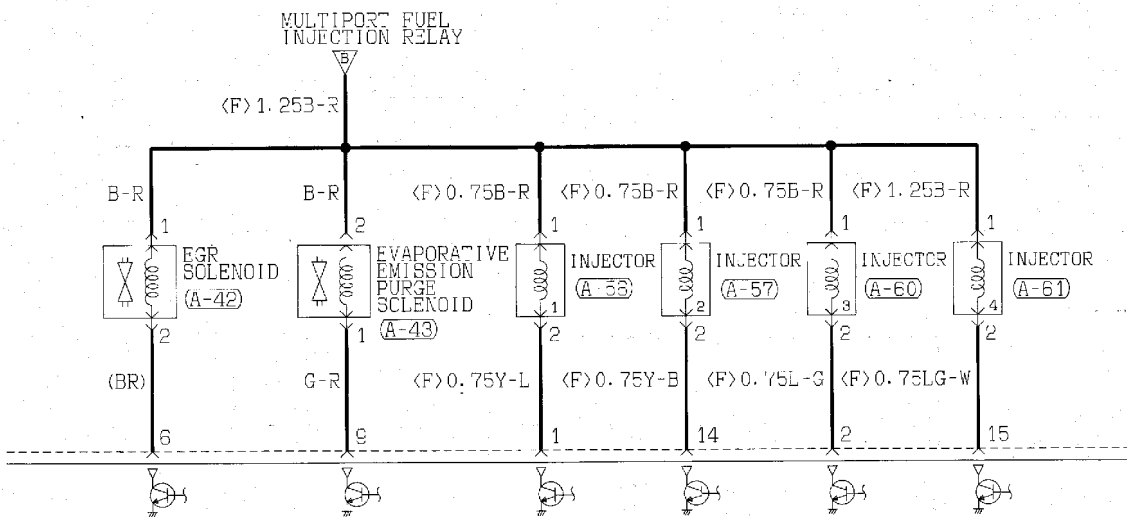
00000 02 02 00000000

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

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

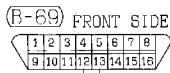
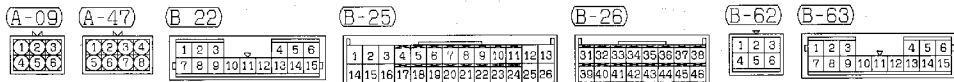
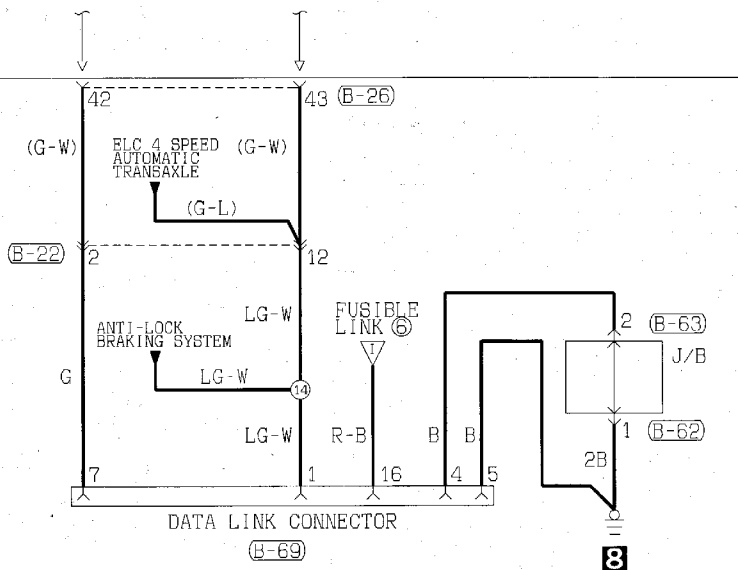
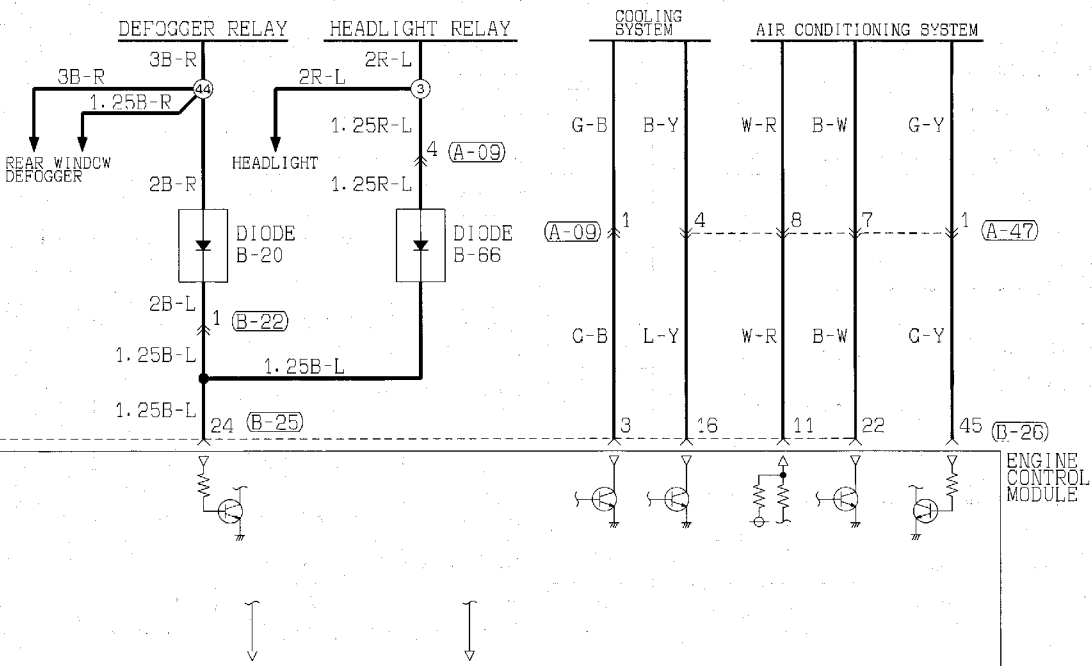


MFI SYSTEM <1.8L ENGINE (1995 MODELS FOR FEDERAL)> (CONTINUED)



(A-37)	(A-42)	(A-43)	(A-56)	(A-57)	(A-60)	(A-61)	(B-09)	(B-12)	(B-22)
1	12	2	12	12	12	12	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
							44 45 46 47 48 49 50 51 52 53 54 55	4 15 16 17 18 19 20 21 22 23 24 25	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

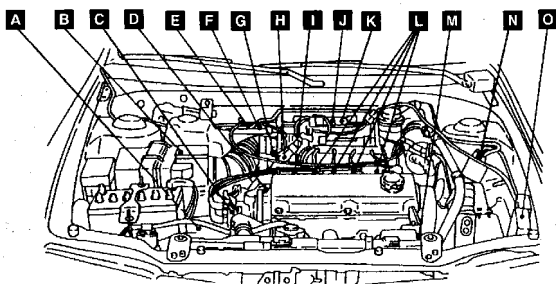
(B-26)	(B-27)
31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72



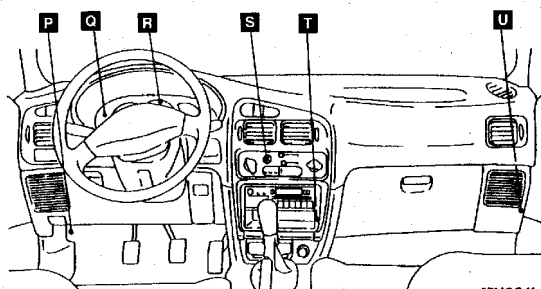
COMPONENT LOCATION <1.8L ENGINE (Up to 1994 models for California, Up to 1995 models for Federal)>

110007463

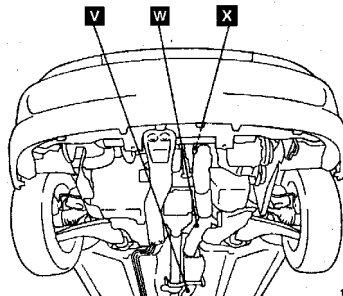
Name	Symbol	Name	Symbol
Air conditioning compressor clutch relay	O	Heated oxygen sensor (Front) <Federal–From 1994 models, California>	W
Air conditioning refrigerant intermediate pressure switch	N	Heated oxygen sensor (Rear) <Federal–From 1994 models, California>	V
Air conditioning switch	S	Idle air control motor	G
Check engine / Malfunction indicator lamp	Q	Ignition timing adjustment connector	E
Data link connector	P	Injectors	L
Distributor (with built-in camshaft position sensor, crankshaft position sensor, ignition coil and ignition power transistor)	C	Multiport fuel injection (MFI) relay	T
EGR solenoid <Federal–From 1994 models, California>	J	Oxygen sensor <Federal–1993 models>	X
EGR temperature sensor <Federal–From 1994 models, California>	I	Park / Neutral position switch	A
EGR control module	U	Power steering pressure switch	M
Engine coolant temperature sensor	D	Throttle position sensor (with built-in closed throttle position switch)	H
Evaporative emission purge solenoid	K	Vehicle speed sensor (reed switch)	R
Fuel pump check terminal	F	Volume air flow sensor (with built-in intake air temperature sensor and barometric pressure sensor)	B



9FU0241

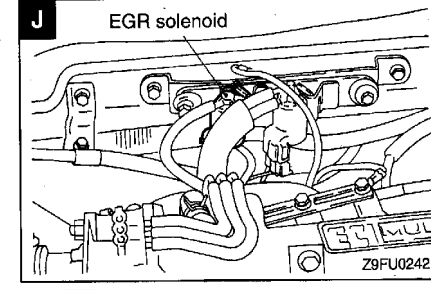
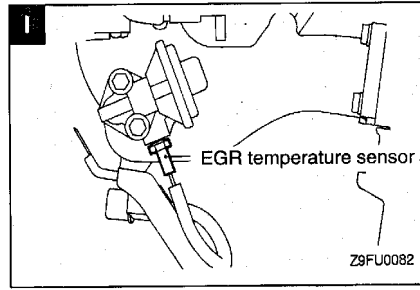
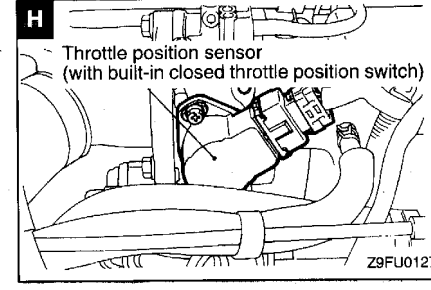
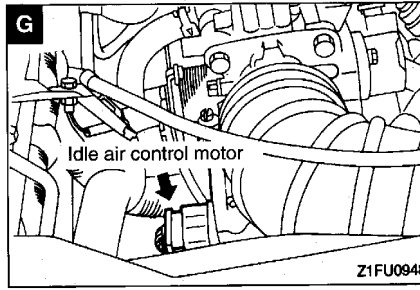
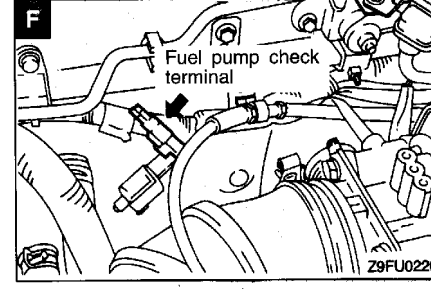
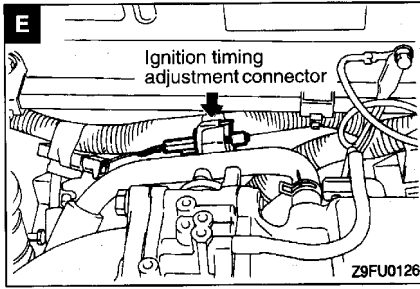
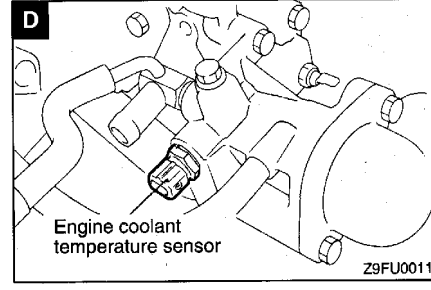
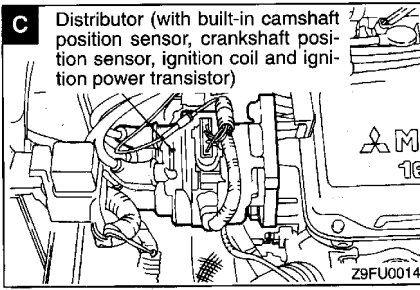
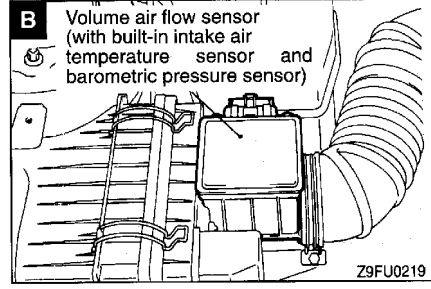
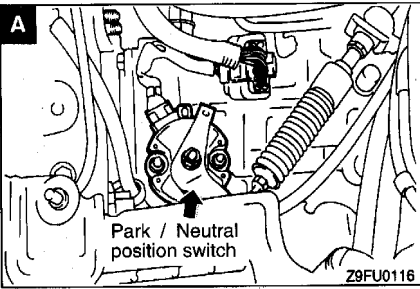


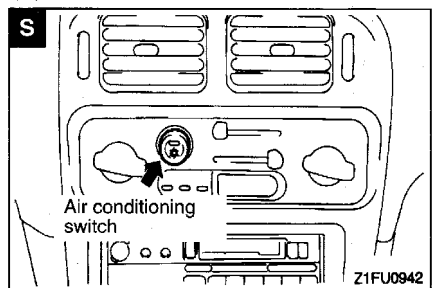
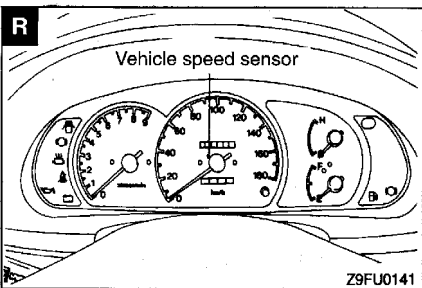
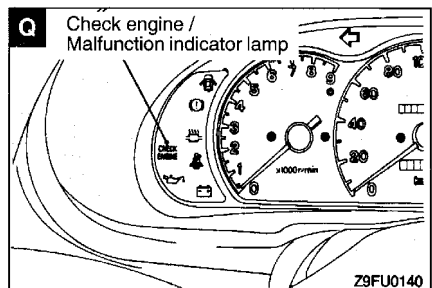
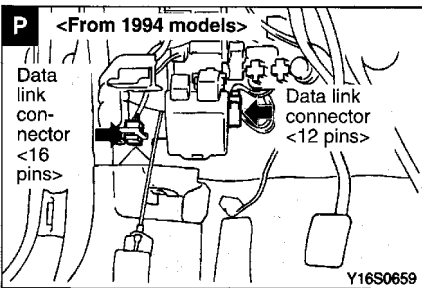
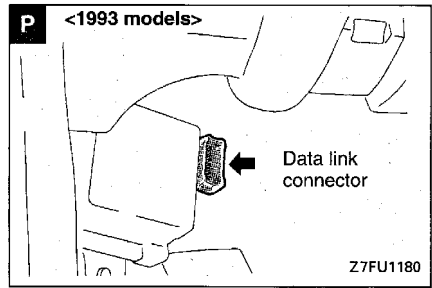
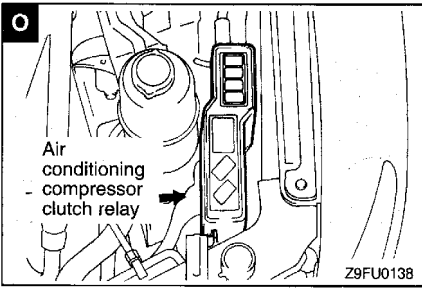
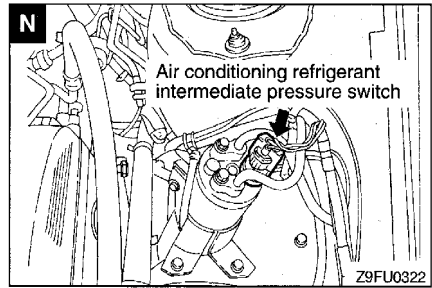
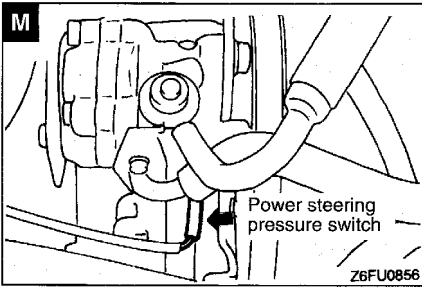
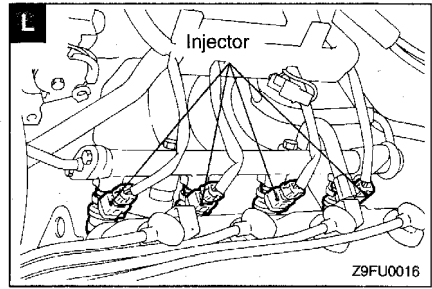
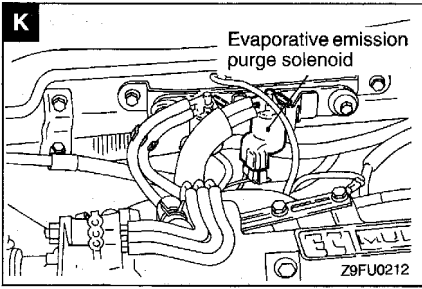
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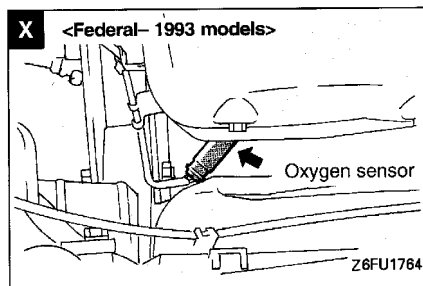
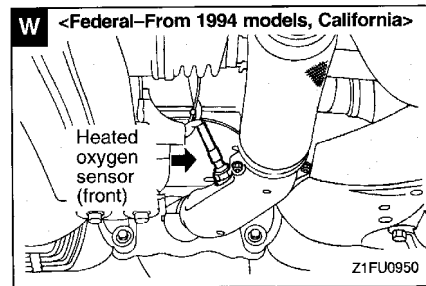
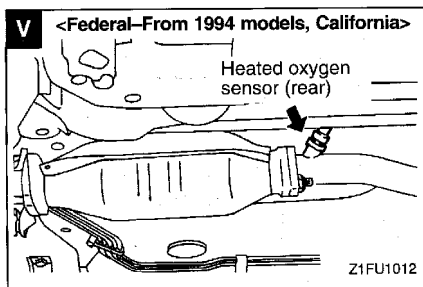
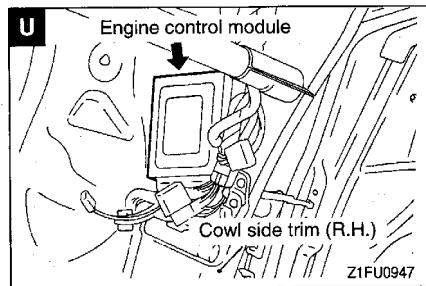
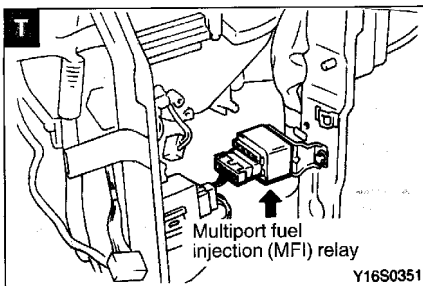


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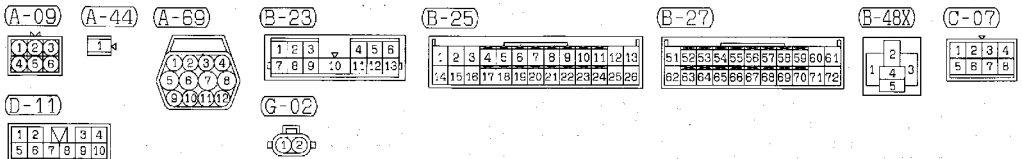
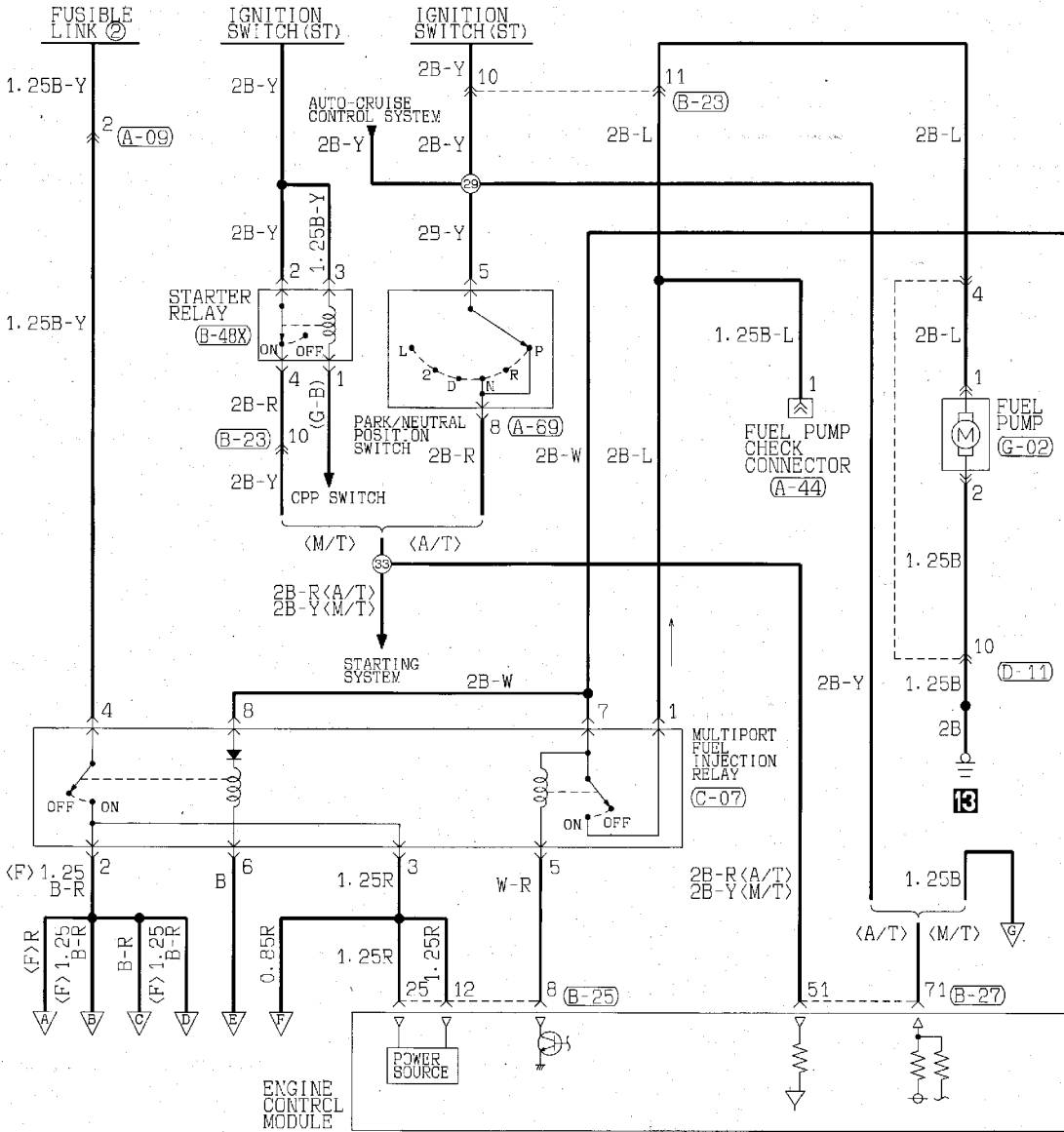


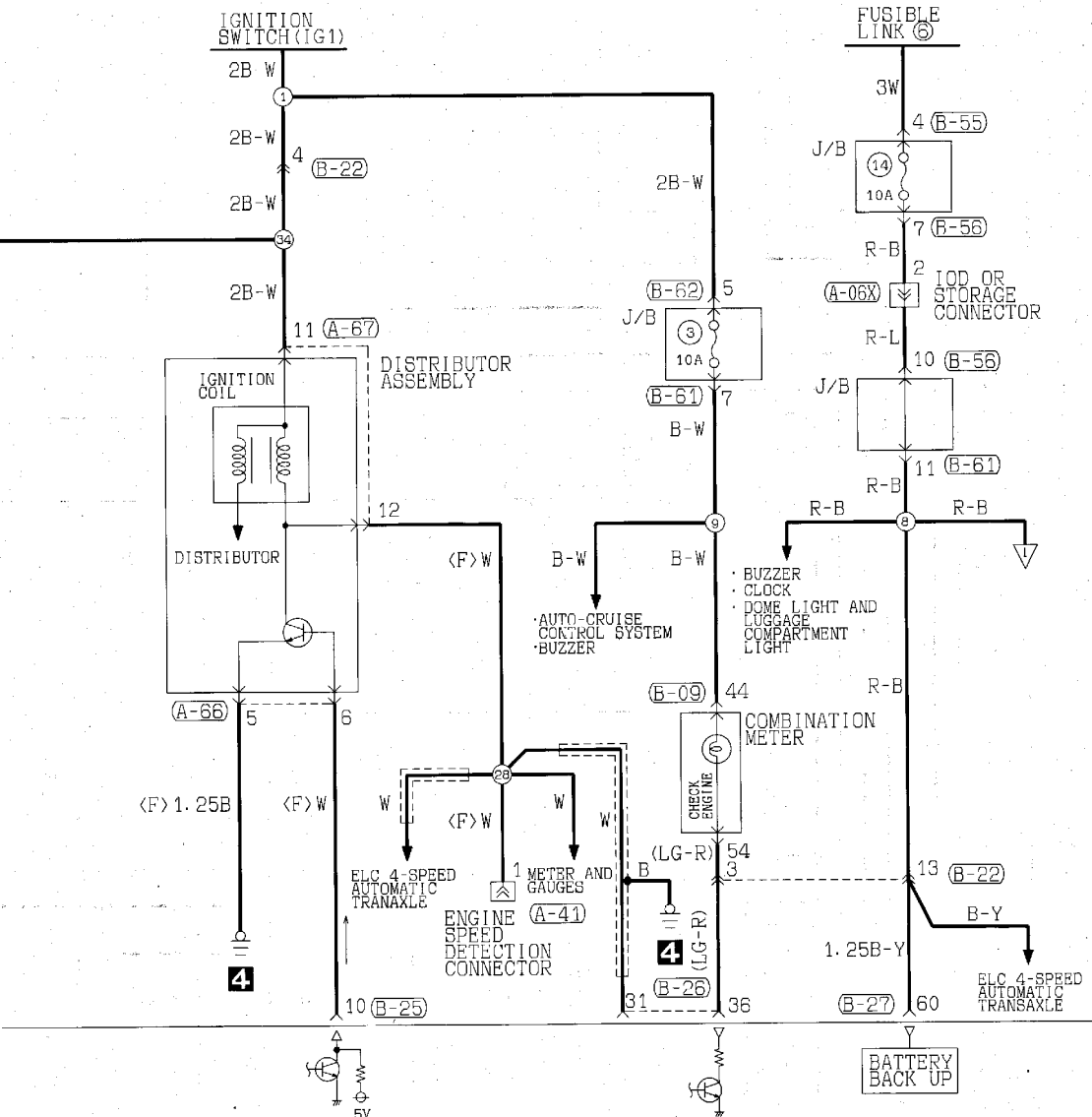




MFI SYSTEM

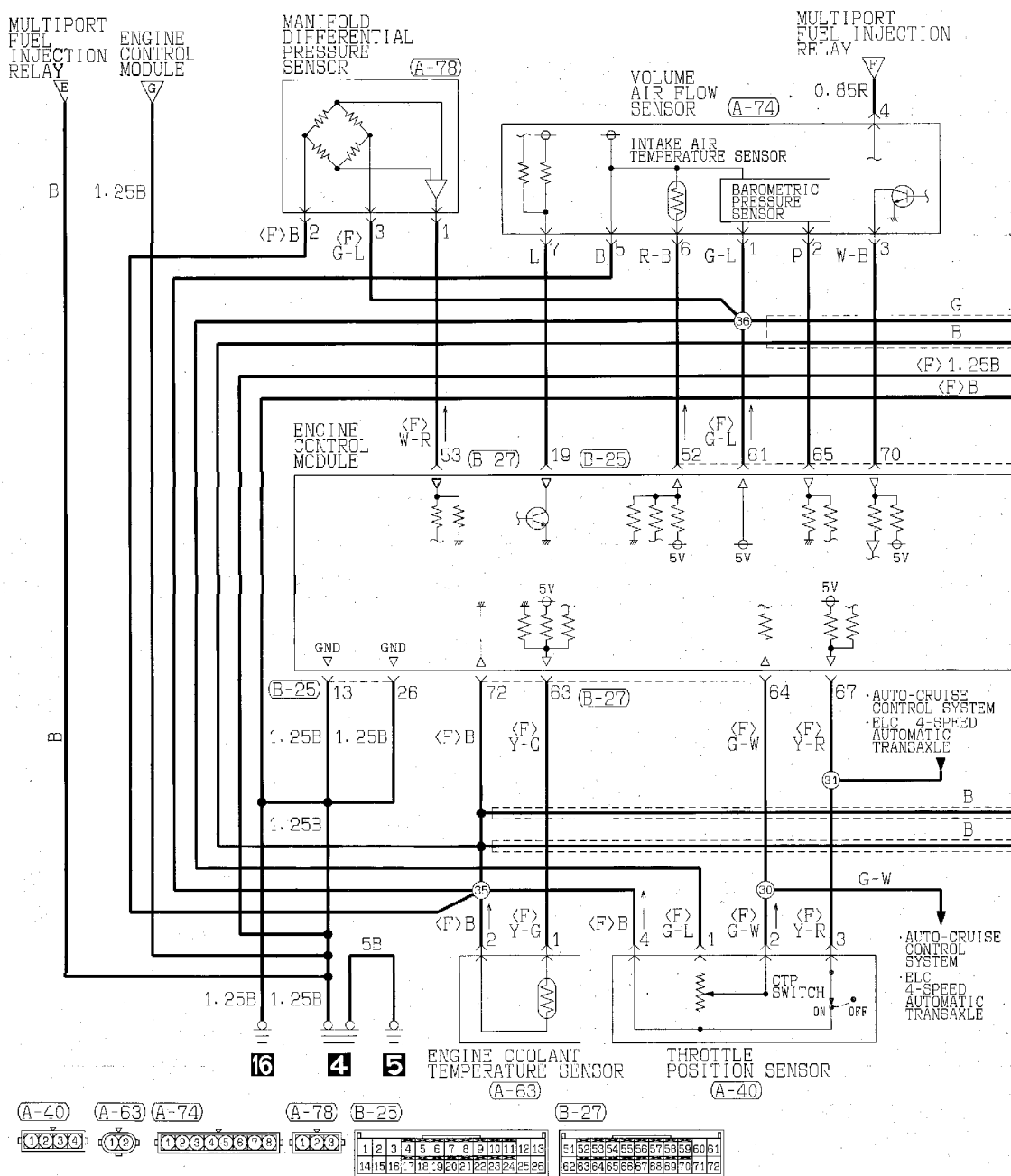
<1.8L ENGINE (FROM 1996 MODELS FOR FEDERAL)>

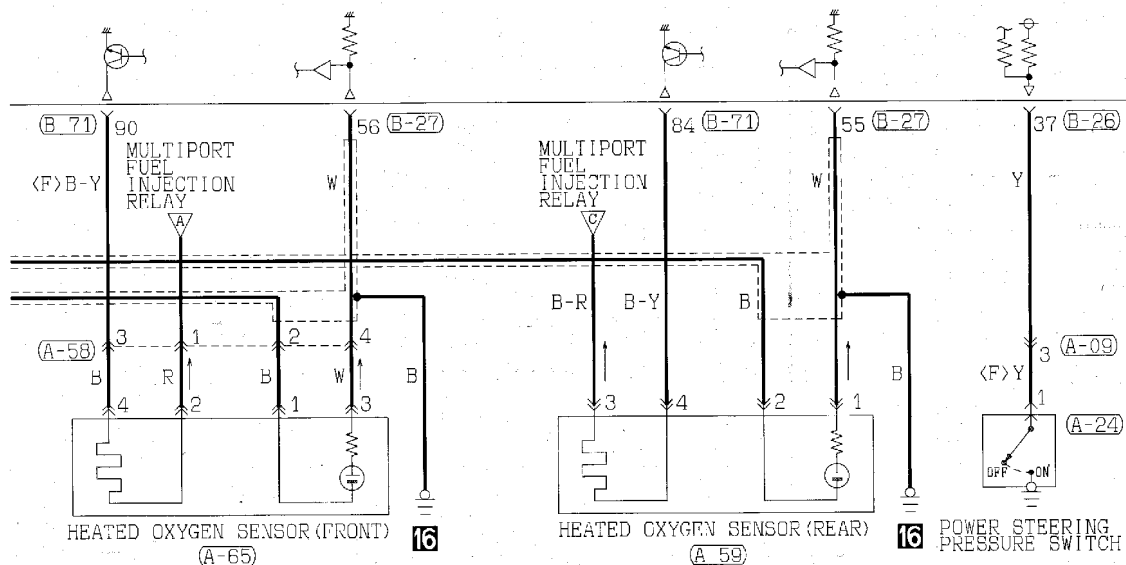
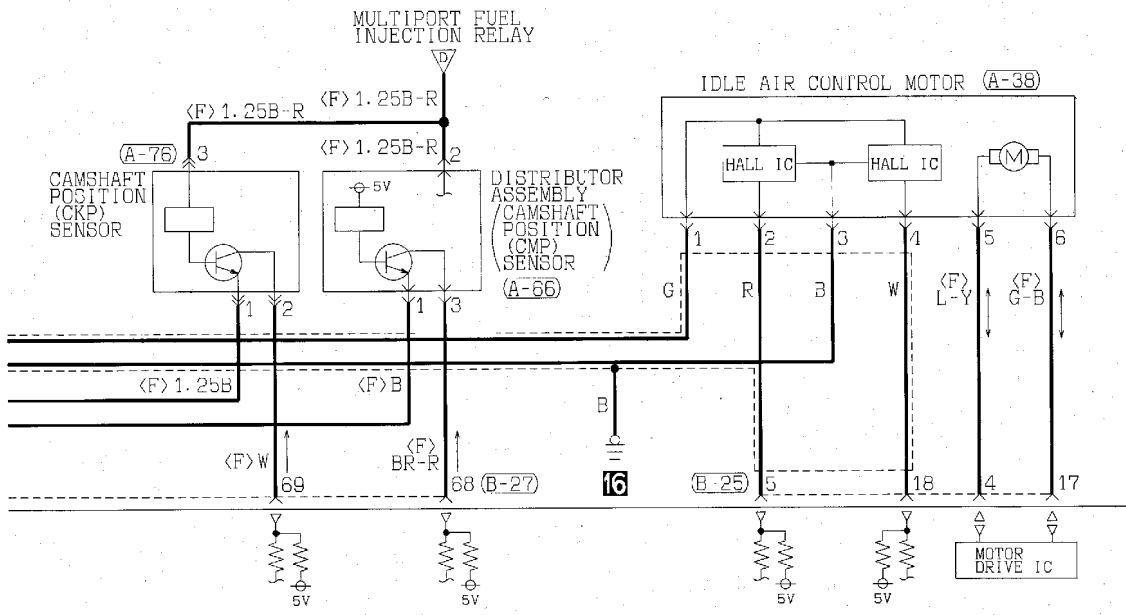




(A-06X)	(A-41)	(A-66)	(A-67)	(B-09)	(B-22)	(B-25)	(B-26)
1 X 1 2	1	0 0 0 0 0 0	0 0	3 1 3 2 3 3 3 4 5 5 6 6 3 7 3 9 9 9 4 0 1 4 2 4 3 4 4 4 5 4 6 4 7 4 8 4 9 5 0 5 1 5 2 5 3 5 4 5 5	1 2 3 7 8 9 1 0 1 1 1 2 1 3 1 4 1 5	1 2 3 4 5 6 7 8 9 1 0 1 1 1 2 1 3 1 4 1 5 1 6 1 7 1 8 1 9 2 0 2 1 2 2 2 3 2 4 2 5 2 6	3 1 3 2 3 3 3 4 3 5 3 6 3 7 3 8 3 9 4 0 3 1 4 2 3 4 4 4 5 4 6
(B-27)	(B-55)	(B-56)	(B-61)	(B-62)			
5 1 5 2 5 3 5 4 5 5 5 6 5 7 5 8 5 9 6 0 6 1 6 2 6 3 6 4 6 5 6 6 6 7 6 8 6 9 7 0 7 1 7 2	1 X 3 4 5	1 2 5 5 7 8 9 1 0 1 1	1 2 6 7 8 9 1 0 1 1 1 2 1 3	1 2 3 4 5 6			

**MFI SYSTEM M <1.8L ENGINE (FROM 1996 MODELS FOR FEDERAL)>
(CONTINUED)**





- (A-09)

1	2	3
4	5	6
- (A-24)

1	2	3
4	5	6
- (A-38)

1	2	3	4	5	6
7	8	9	10	11	12
- (A-58)

1	2	3	4
5	6	7	8
- (A-59)

1	2	3	4
5	6	7	8
- (A-66)

1	2	3	4	5	6
7	8	9	10	11	12
- (A-76)

1	2	3
4	5	6
- (B-25)

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-26)

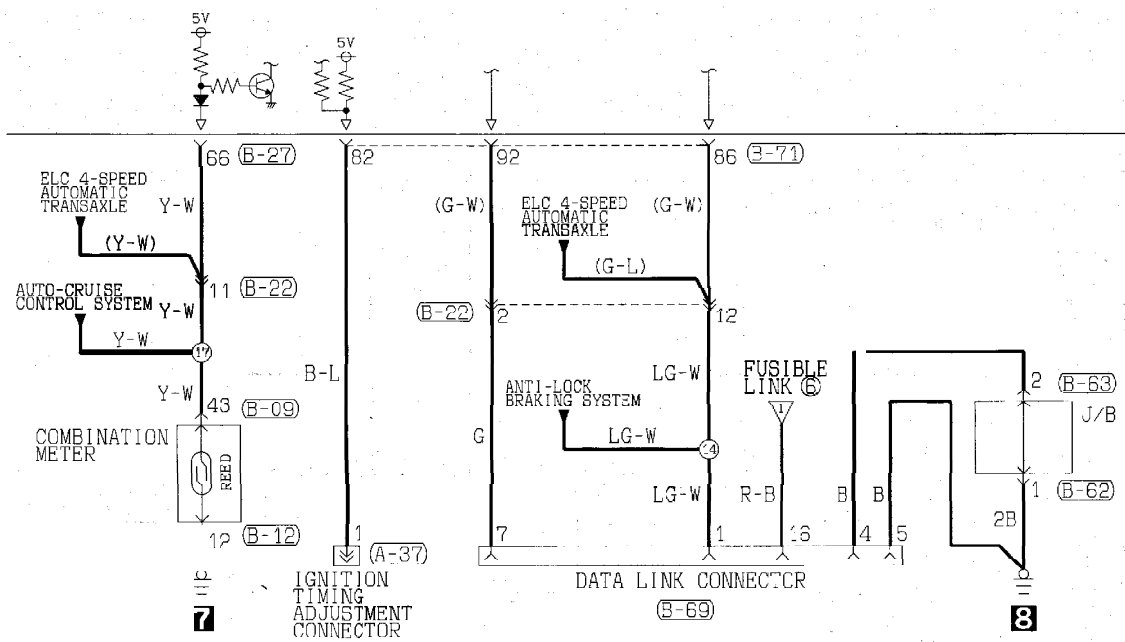
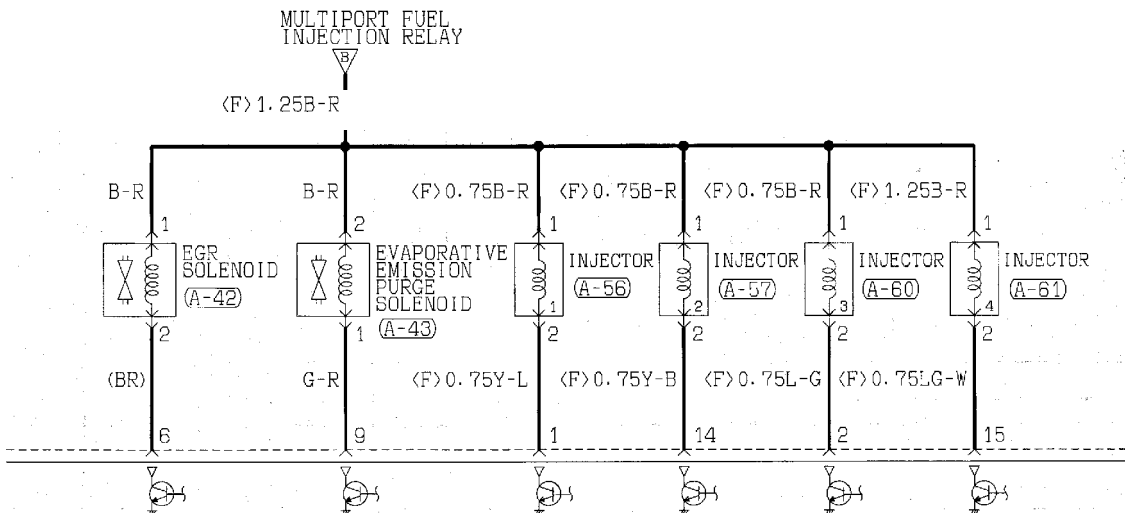
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- (B-27)

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
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
- (B-71)

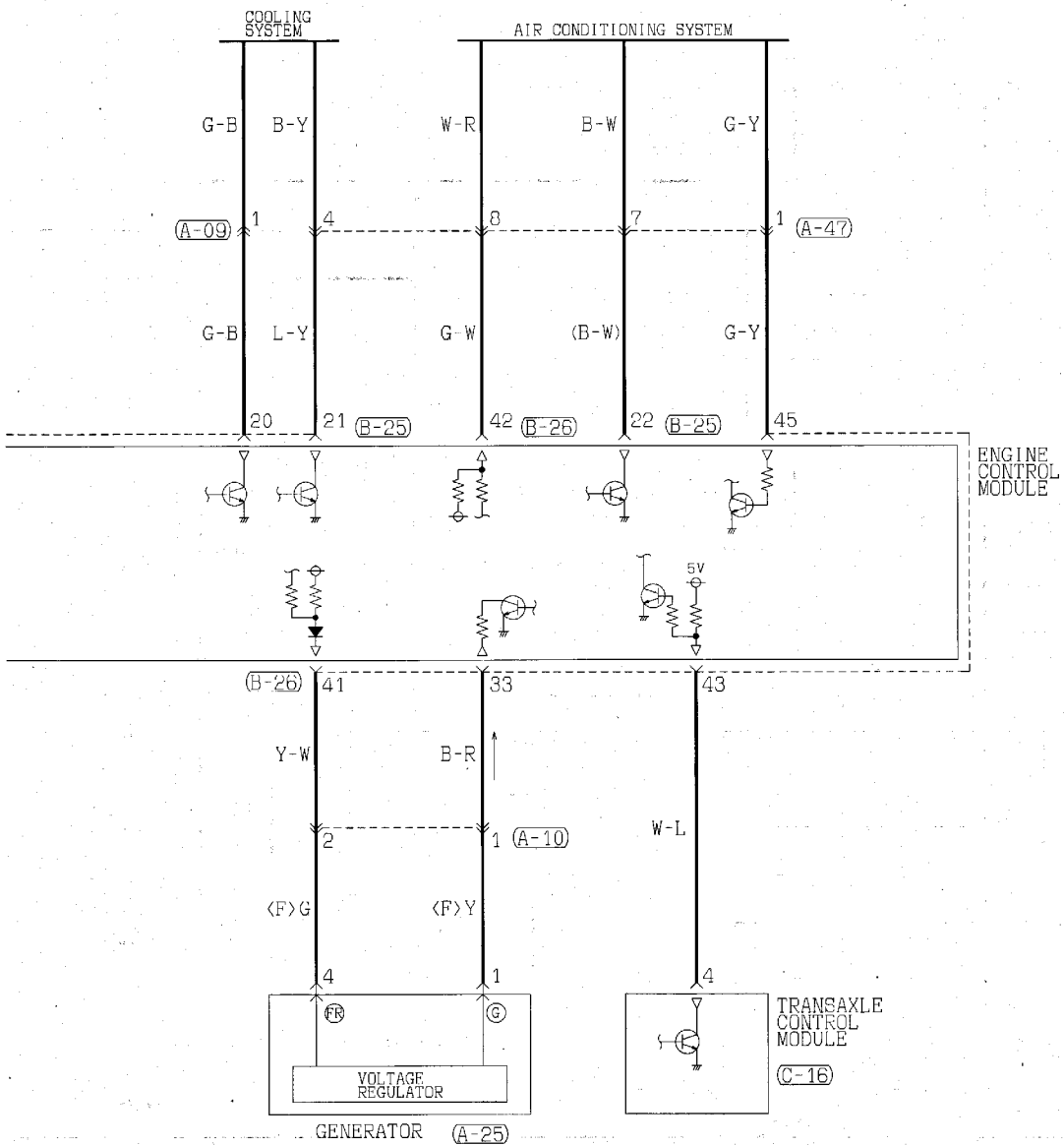
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- (C-15)

1	2	3	4
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MFI SYSTEM <1.8L ENGINE (FROM 1996 MODELS FOR FEDERAL)> (CONTINUED)



(A-37)	(A-42)	(A-43)	(A-56)	(A-57)	(A-60)	(A-61)	(B-09)	(B-12)	(B-22)
1	1 2	1 2	1 2	1 2	1 2	1 2	3 1 2 3 3 4 3 5 3 6 9 7 3 8 9 4 0 4 1 2	1 2 3 4 5 6 1 7 9 10 11 1 2	1 2 3 4 5 6 7 8 9 10 11 1 2 13 14 1 5
(B-27)	(B-62)	(B-63)	(B-69) FRONT SIDE				(B-71)		
5 1 5 2 5 3 5 4 5 5 5 6 5 7 5 8 5 9 6 0 6 1 6 2 6 3 6 4 6 5 6 6 6 7 6 8 6 9 7 0 7 1 7 2	1 2 3 4 5 6	1 1 2 3 4 5 6 7	1 2 3 4 5 6 7 8 9 10 11 12 13 14 1 5				8 1 8 2 8 3 8 4 8 5 8 6 8 7 8 8 8 9 8 0 9 1 9 2		



A-09

1	2	3
4	5	6

A-10

1	2
3	

A-25

1	2	3	4
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A-47

1	2	3	4
5	6	7	8

B-25

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-26

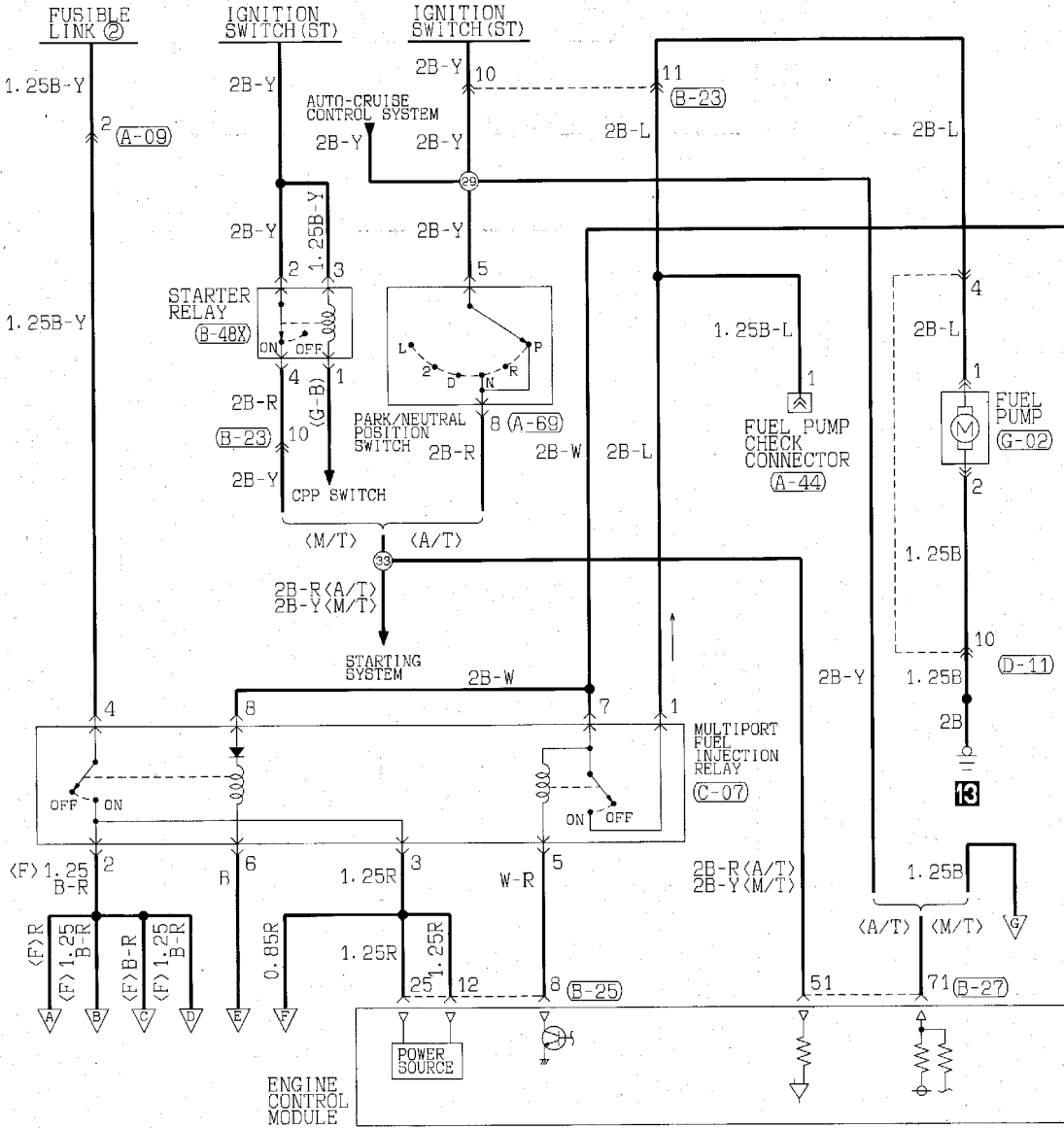
31	32	33	34	35	36	37	38
39	40	41	42	43	44	45	46

C-16

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

MFI SYSTEM

<1.8L ENGINE (FROM 1995 MODELS FOR CALIFORNIA)>



A-09



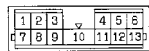
A-44



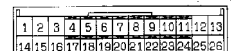
A-69



B-23



B-25



B-27



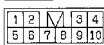
B-48X



C-07

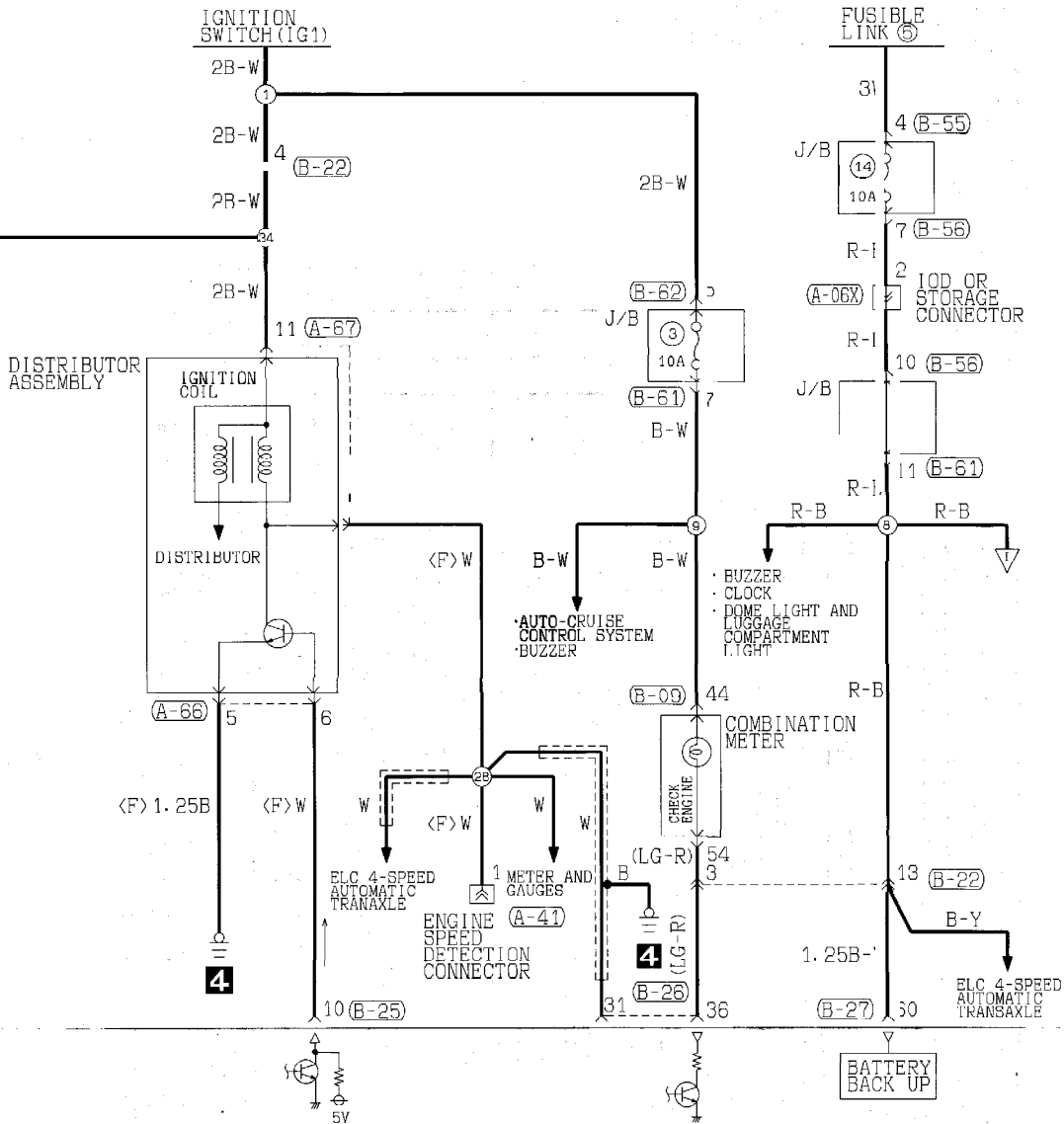


D-11



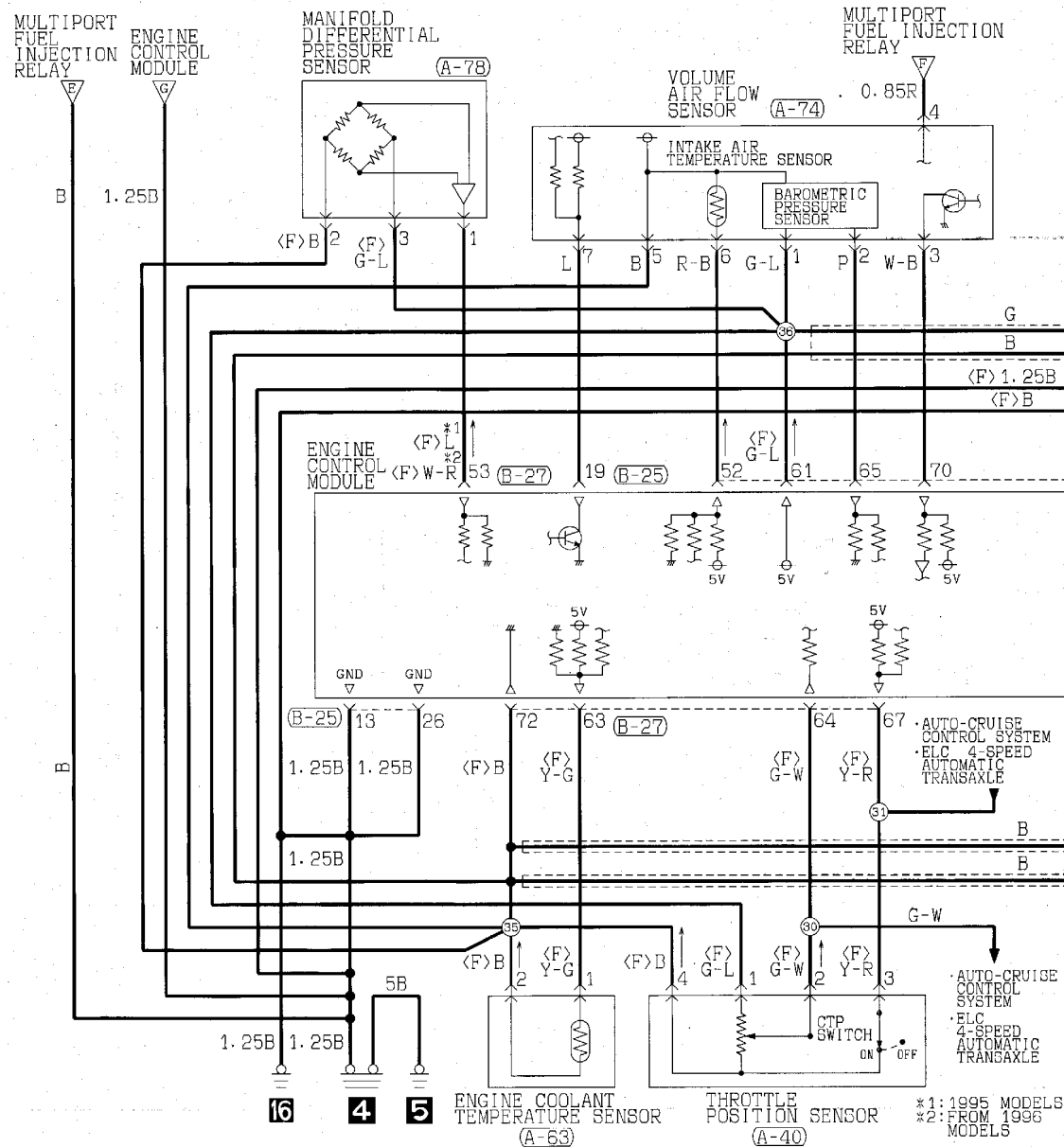
G-02





A-06X 1 2	A-41 1	A-66 1 2 3 4 5 6	A-67 1 2	B-09 3 1 3 2 3 3 3 4 3 5 3 5 3 6 3 7 3 8 3 9 4 0 4 1 4 2 4 3 4 4 4 5 4 6 4 7 4 8 4 9 5 0 5 1 5 2 5 3 5 4 5 5	B-22 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	B-25 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-26 3 1 3 2 3 3 3 4 3 5 3 6 3 7 3 8 3 9 4 0 4 1 4 2 4 3 4 4 4 5 4 6
B-27 5 1 5 2 5 3 5 4 5 5 5 6 5 7 5 8 5 9 6 0 6 1 6 2 6 3 6 4 6 5 6 6 6 7 6 8 6 9 7 0 7 1 7 2	B-55 1 2 3 4 5	B-56 1 2 3 4 5 6 7 8 9 10 11	B-61 1 2 3 4 5 6 7 8 9 10 11 12 13	B-62 1 2 3 4 5 6			

MFI SYSTEM <1.8L ENGINE (FROM 1995 MODELS FOR CALIFORNIA)>
(CONTINUED)

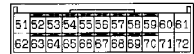
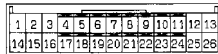


(A-40)

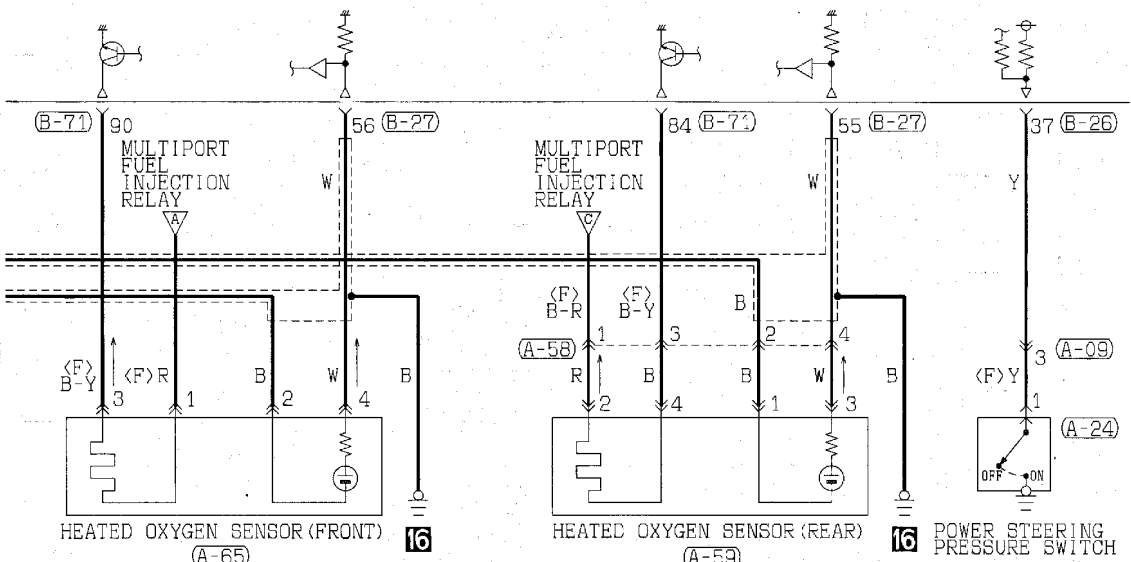
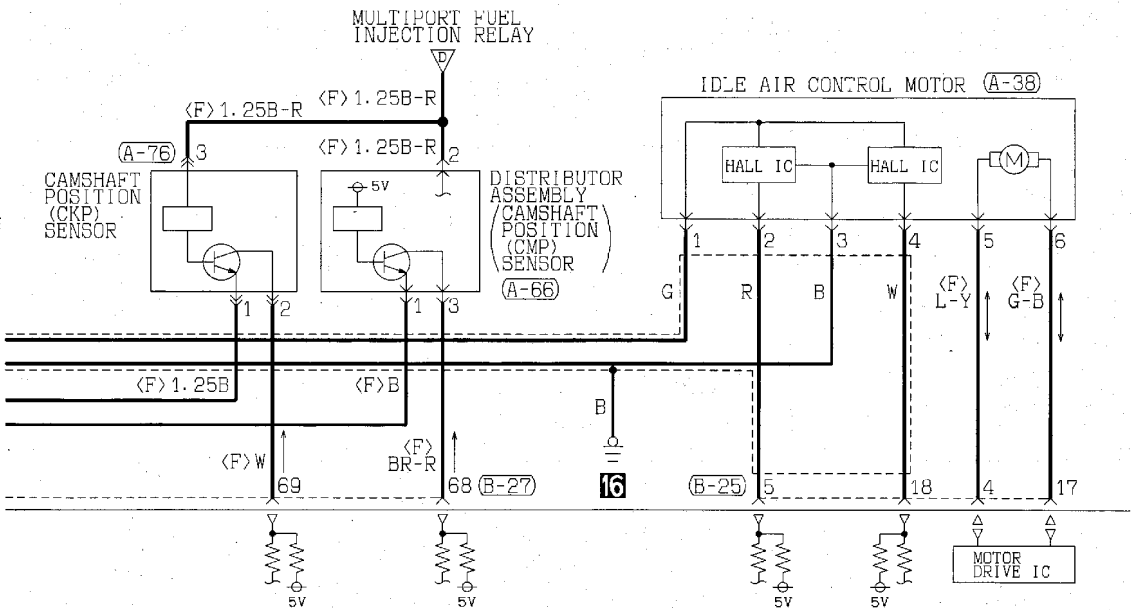
(A-63) (A-74)

(A-78) (B-25)

(B-27)



*1: 1995 MODELS
*2: FROM 1996 MODELS



- A-09

1	2	3	4	5	6
7	8	9	10	11	12
- A-24

1	2	3	4	5	6
7	8	9	10	11	12
- A-38

1	2	3	4	5	6
7	8	9	10	11	12
- A-58

1	2	3	4	5	6
7	8	9	10	11	12
- A-59

1	2	3	4	5	6
7	8	9	10	11	12
- A-65

1	2	3	4	5	6
7	8	9	10	11	12
- A-66

1	2	3	4	5	6
7	8	9	10	11	12
- A-76

1	2	3	4	5	6
7	8	9	10	11	12
- B-25

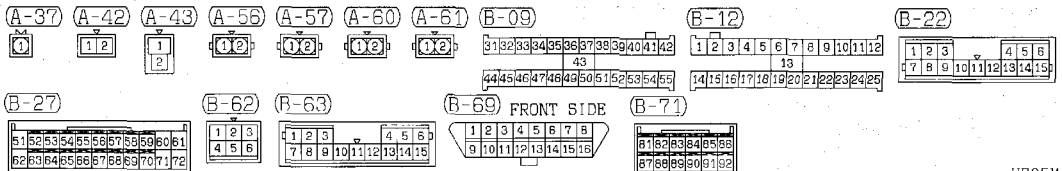
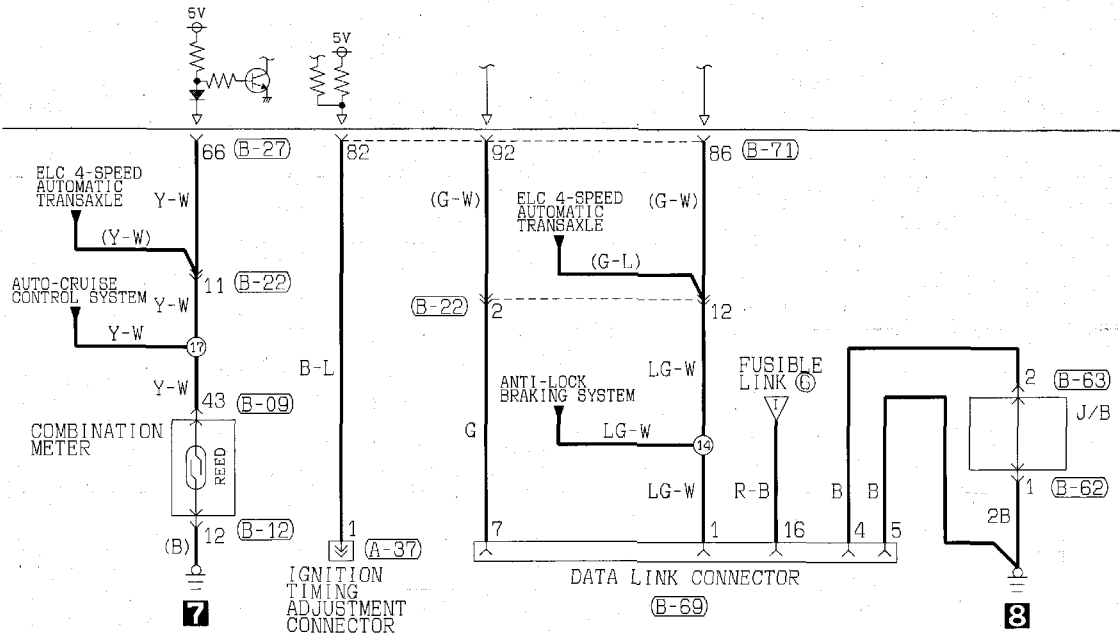
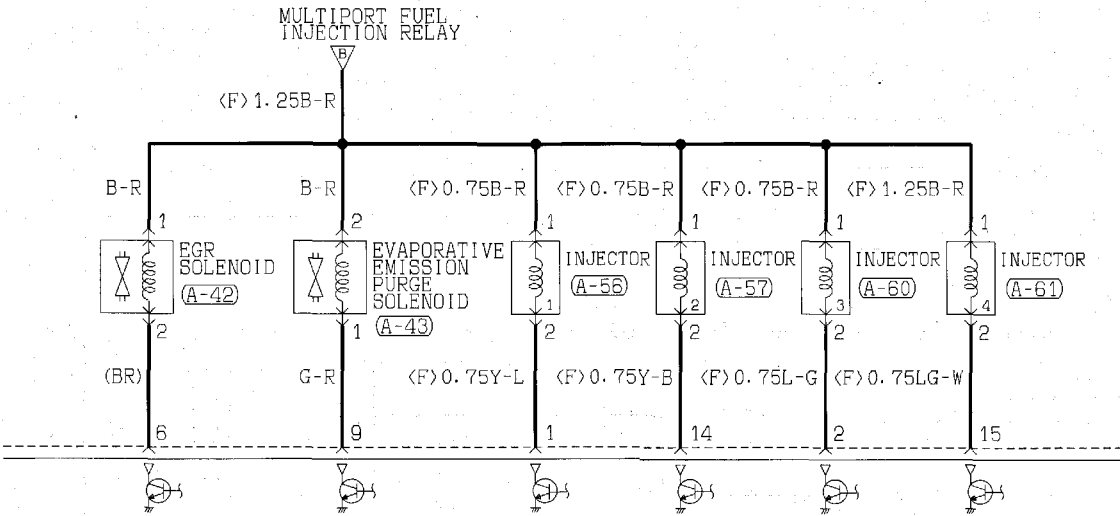
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- B-26

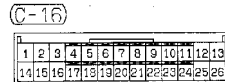
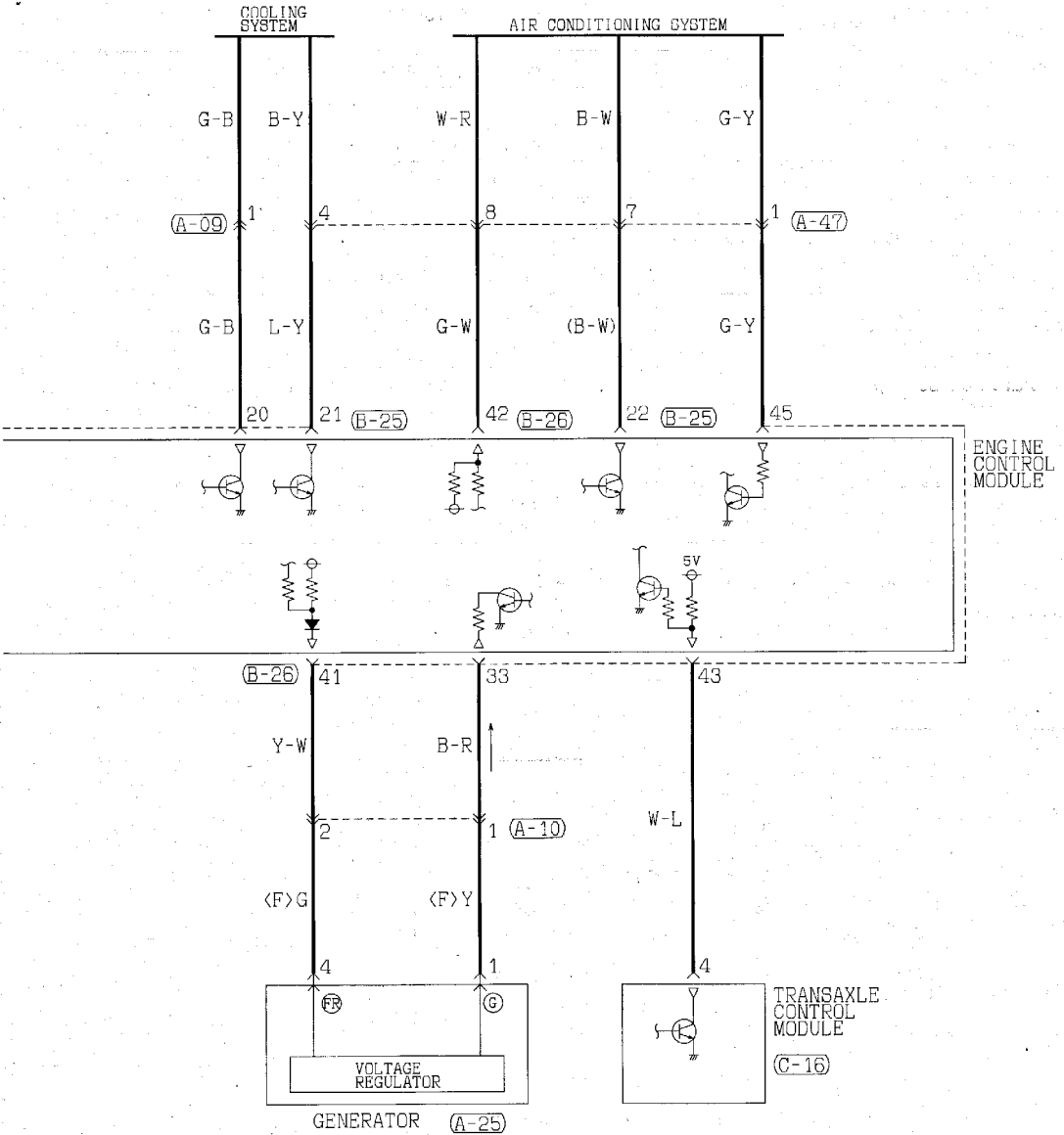
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- B-27

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
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- B-71

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
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MFI SYSTEM <1.8L ENGINE (FROM 1995 MODELS FOR CALIFORNIA)>
(CONTINUED)

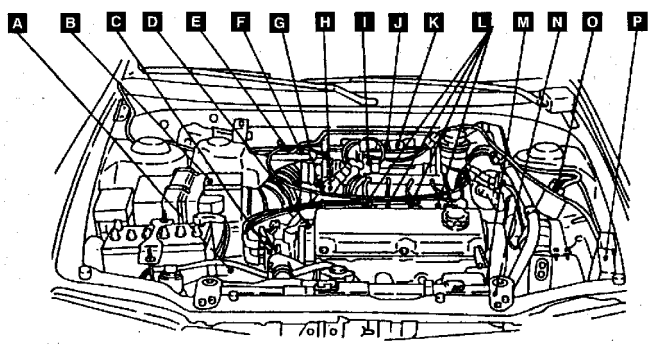




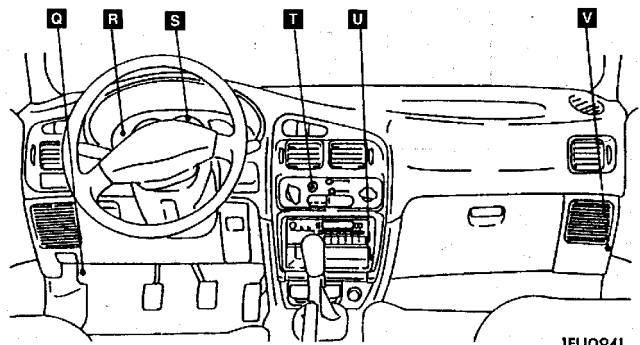
COMPONENT LOCATION <1.8L ENGINE (1995 models from California, From 1996 models)>

110003561

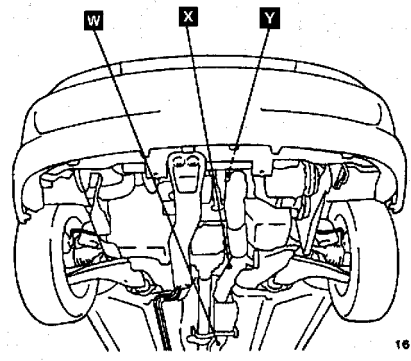
Name	Symbol	Name	Symbol
Air conditioning compressor clutch relay	P	Heated oxygen sensor (Front) <Federal>	X
Air conditioning refrigerant intermediate pressure switch	O	Heated oxygen sensor (Rear) <California>	X
Air conditioning switch	T	Heated oxygen sensor (Rear) <Federal>	W
Check engine / Malfunction indicator lamp	R	Idle air control motor	G
Crankshaft position sensor	N	Ignition timing adjustment connector	E
Data link connector	Q	Injectors	L
Distributor (with built-in camshaft position sensor, ignition coil and ignition power transistor)	C	Manifold differential pressure sensor	I
EGR solenoid	J	Multiport fuel injection (MFI) relay	U
Engine control module	V	Park / Neutral position switch	A
Engine coolant temperature sensor	D	Power steering pressure switch	M
Evaporative emission purge solenoid	K	Throttle position sensor (with built-in closed throttle position switch)	H
Fuel pump check terminal	F	Vehicle speed sensor (reed switch)	S
Heated oxygen sensor (Front) <California>	Y	Volume air flow sensor (with built-in intake air temperature sensor and barometric pressure sensor)	B



9FU0241

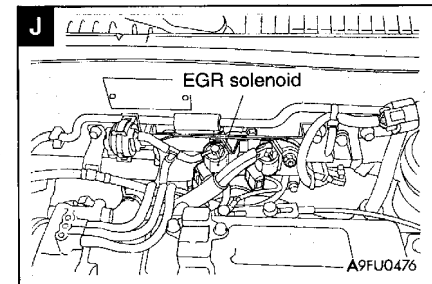
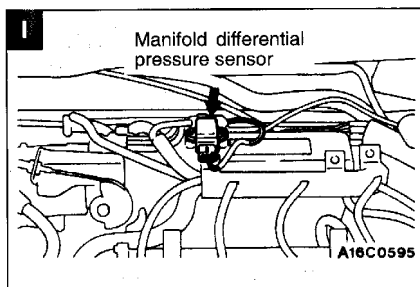
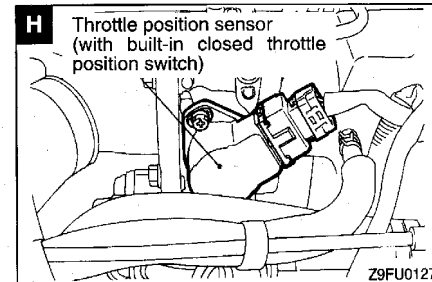
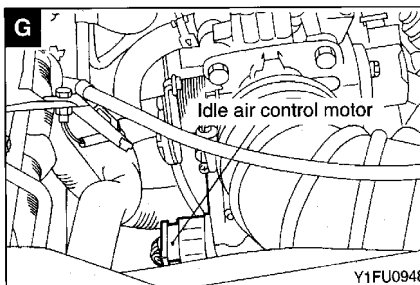
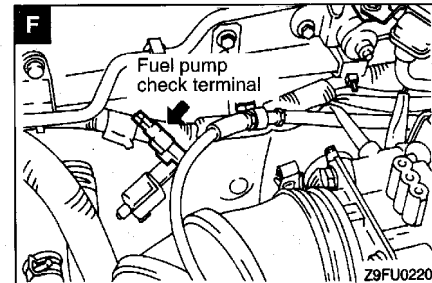
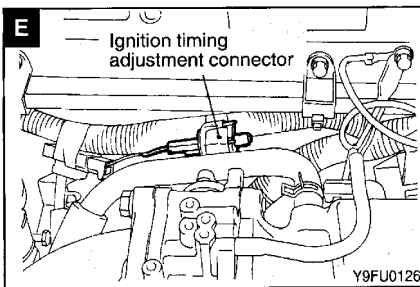
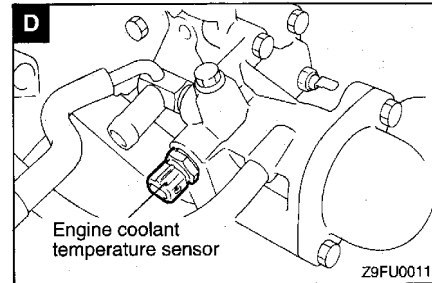
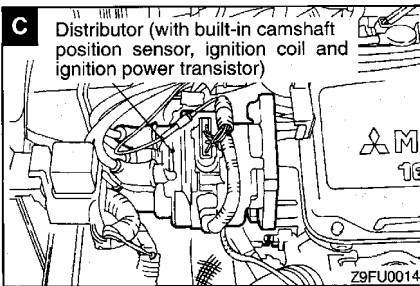
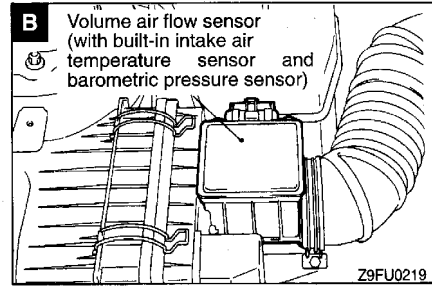
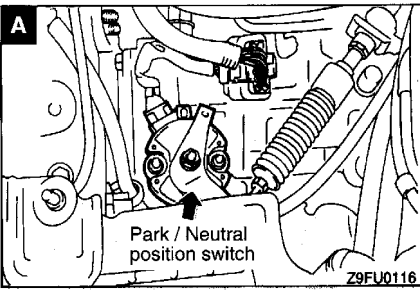


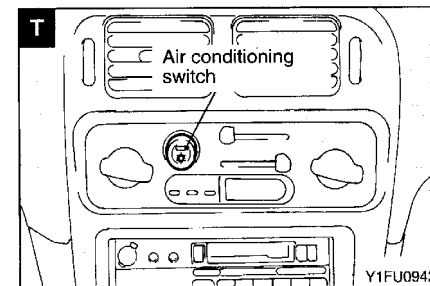
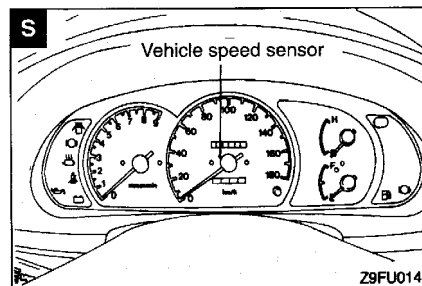
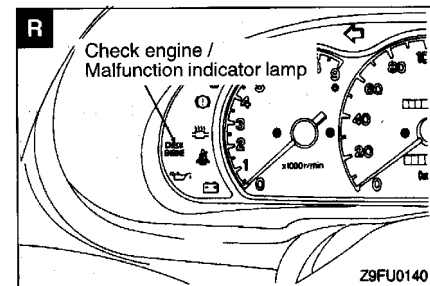
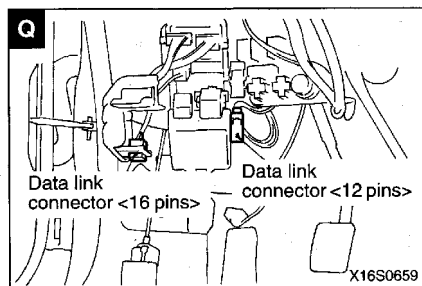
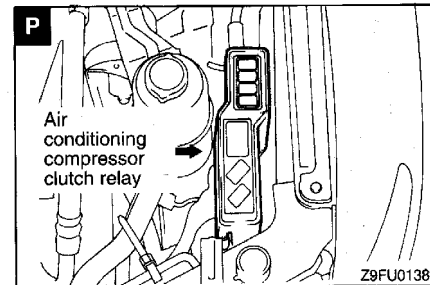
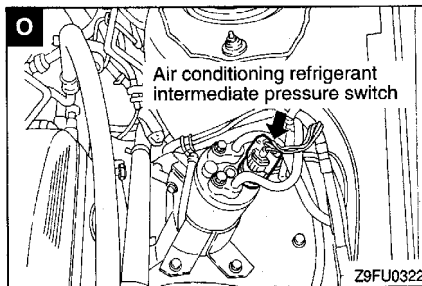
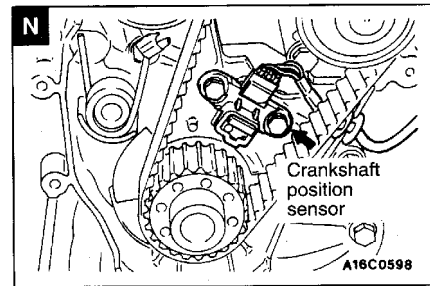
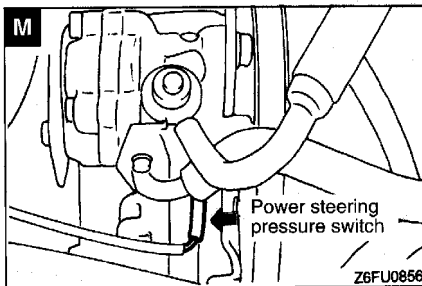
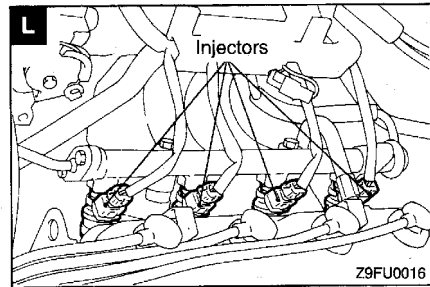
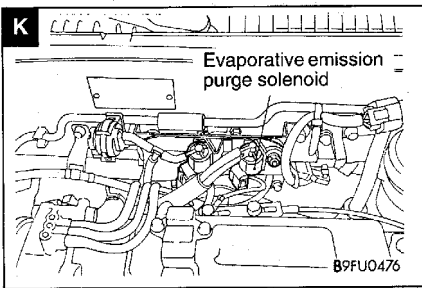
1FU0941

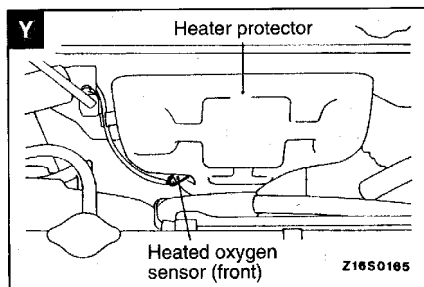
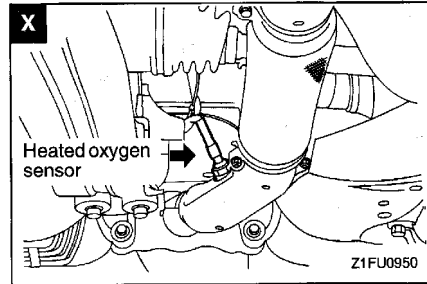
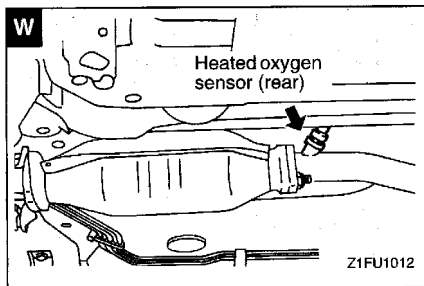
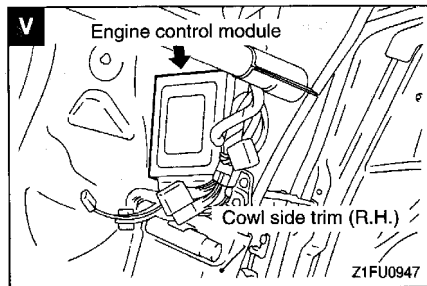
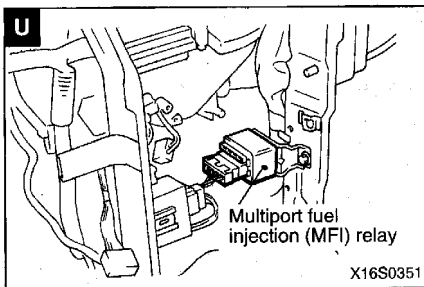


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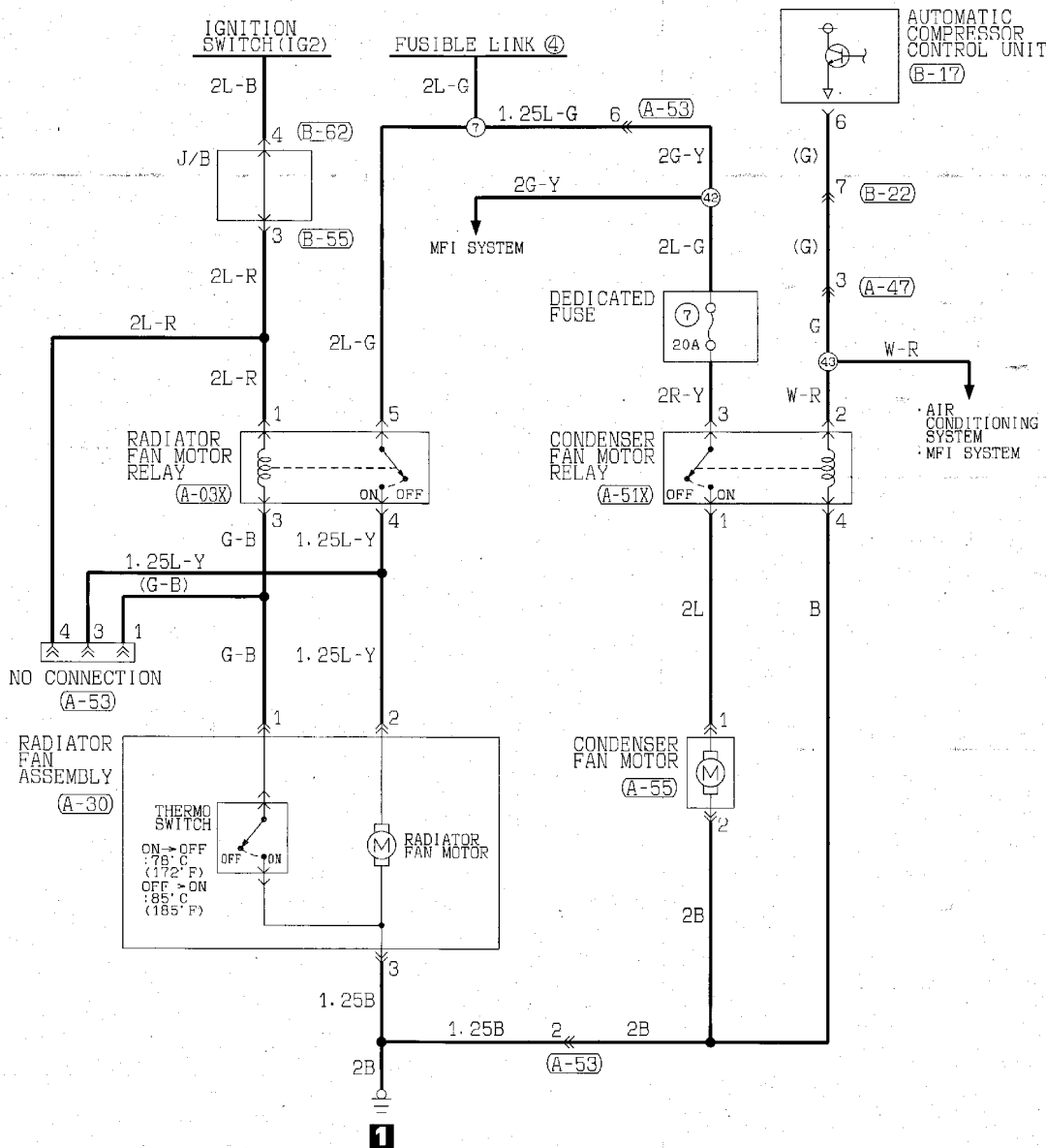






COOLING SYSTEM

<1.5L ENGINE (M/T-1993 MODELS)>



(A-03X)	(A-30)	(A-47)	(A-51X)	(A-53)	(A-55)	(B-17)	(B-22)	(B-55)	(B-60)																																																																				
<table border="1"><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td></td><td></td></tr><tr><td>5</td><td></td><td></td></tr></table>	1	2	3	4			5			<table border="1"><tr><td>1</td><td>2</td></tr><tr><td>3</td><td></td></tr></table>	1	2	3		<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>	1	2	3	4	5	6	7	8	<table border="1"><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td>5</td><td>6</td></tr></table>	1	2	3	4	5	6	<table border="1"><tr><td>1</td><td>2</td></tr><tr><td>3</td><td></td></tr></table>	1	2	3		<table border="1"><tr><td>1</td><td>2</td></tr><tr><td>3</td><td></td></tr></table>	1	2	3		<table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr><tr><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr><tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr></table>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	<table border="1"><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td>5</td><td>6</td></tr></table>	1	2	3	4	5	6	<table border="1"><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td>5</td><td>6</td></tr></table>	1	2	3	4	5	6	<table border="1"><tr><td>1</td><td>2</td><td>3</td></tr><tr><td>4</td><td>5</td><td>6</td></tr></table>	1	2	3	4	5	6
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<1.5L Engine (M/T-1993 MODELS)>

OPERATION

1. When auto compressor control unit outputs LO signal (0 V)

- When the engine coolant temperature goes up to 85°C (185°F), the thermo switch of radiator is activated.
- This energizes the radiator fan motor relay, causing the radiator fan to start rotating.

2. When auto compressor control unit outputs HI signal (Battery positive voltage)

The condenser fan motor relay is turned on by the power from the auto compressor control unit, and this runs the condenser fan.

TROUBLESHOOTING HINTS

1. Radiator fan does not operate.
 - (1) Disconnect the radiator fan assembly connector, and ground the "1" terminal to run the fan.
 - Check thermo switch.
 - (2) Even if "1" terminal is grounded, the fan does not run.
 - Check radiator fan motor relay.
 - Check radiator fan motor.
2. Neither radiator fan nor condenser fan operates.
 - Check fusible link No. 4.
 - Check to see if auto compressor control unit outputs a signal.
3. Condenser fan does not operate at all.
 - Check dedicated fuse No. 7.
 - Check condenser fan motor.
 - Check condenser fan motor relay.

NOTE

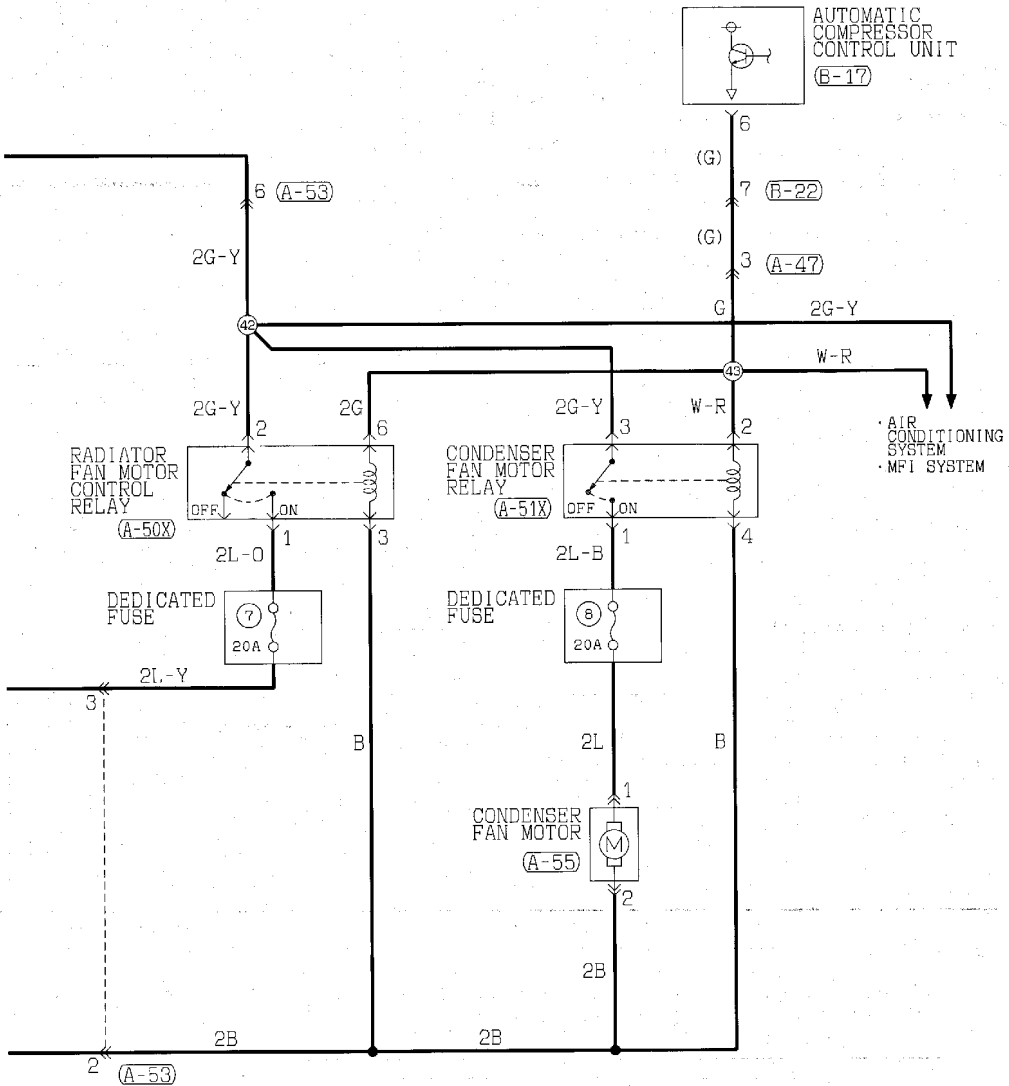
For troubleshooting of the auto compressor control unit, refer to GROUP 55 – Troubleshooting.

Auto Compressor Control Unit HI Signal Output Conditions

Ignition switch (IG ₂)	ON	Remark The auto compressor control unit outputs a LO signal (0 V) if any one of the switches and sensors is deactivated.
Blower switch	ON	
Air conditioning switch	ON (ECONO or DRY)	
Air thermo sensor	ON [3.2°C (38°F) or higher] (DRY mode) ON [8°C (46°F) or higher] (ECONO mode)	

Fan Operating Conditions

Auto compressor control unit output	Thermo switch position [ON with 85°C (185°F) or higher]	Radiator fan operating condition	Condenser fan operating condition
LO (0 V)	OFF	OFF	OFF
	ON	ON	OFF
HI (Battery positive voltage)	OFF	OFF	ON
	ON	ON	ON



- A-47**

1	2	3	4	5
6	7	8	9	10
- A-50X**

1	2	3
4	5	6
- A-51X**

1	2
3	4
- A-53**

1	2	3
4	5	6
- A-55**

1	2
---	---
- B-17**

1	2	3	4	5
6	7	8	9	10
- B-22**

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

<1.5L Engine (A/T–1993 Models)>

OPERATION

1. When auto compressor control unit outputs LO signal (0 V)

- When the engine coolant temperature goes up to 85°C (185°F), the thermo switch of radiator is activated.
- This energizes the radiator fan motor relay, causing the radiator fan to start rotating.

2. When auto compressor control unit outputs HI signal (Battery positive voltage)

The condenser fan motor relay and radiator fan motor control relay are turned on by the power from the auto compressor control unit, and this runs the condenser fan and radiator fan.

TROUBLESHOOTING HINTS

1. Radiator fan does not operate.
 - (1) Disconnect the radiator fan assembly connector, and earth the "1" terminal to run the fan.
 - Check thermo switch.
 - (2) Even if "1" terminal is earthed, the fan does not run.
 - Check radiator fan motor relay.
 - Check radiator fan motor.
2. Neither radiator fan nor condenser fan operates.
 - Check fusible link No. 4.
 - Check to see if auto compressor control unit outputs a signal.
3. Only the radiator fan does not operate at all.
 - Check dedicated fuse No. 7.
 - Check radiator fan motor control relay.
4. Condenser fan only does not operate at all.
 - Check dedicated fuse No. 8.
 - Check condenser fan motor.
 - Check condenser fan motor relay.

NOTE

For troubleshooting of the auto compressor control unit, refer to GROUP 55 – Troubleshooting.

Auto Compressor Control Unit HI Signal Output Conditions

Ignition switch (IG ₂)	ON	Remark The auto compressor control unit outputs a LO signal (0 V) if any one of the switches and sensors is deactivated.
Blower switch	ON	
Air conditioning switch	ON (ECONO or DRY)	
Air thermo sensor	ON [3.2°C (38°F) or higher] (DRY mode) ON [8°C (46°F) or higher] (ECONO mode)	

Fan Operating Conditions

Auto compressor control unit output	Thermo switch position [ON with 85°C (185°F) or higher]	Radiator fan operating condition	Condenser fan operating condition
LO (0 V)	OFF	OFF	OFF
	ON	ON	OFF
HI (Battery positive voltage)	OFF	ON	ON
	ON	ON	ON

<1.5L Engine (From 1994 Models)>**OPERATION****1. When auto compressor control unit outputs LO signal (0 V)**

- When the engine coolant temperature goes up to 85°C (185°F), the thermo switch of radiator is activated.
- This energizes the radiator fan motor relay, causing the radiator fan to start rotating.

2. When auto compressor control unit outputs HI signal (Battery positive voltage)

The condenser fan motor relay and radiator fan motor control relay are turned on by the power from the auto compressor control unit, and this runs the condenser fan and radiator fan.

TROUBLESHOOTING HINTS

1. Radiator fan does not operate.
 - (1) Disconnect the radiator fan assembly connector, and earth the "1" terminal to run the fan.
 - Check thermo switch.
 - (2) Even if "1" terminal is earthed, the fan does not run.
 - Check radiator fan motor relay.
 - Check radiator fan motor.
2. Neither radiator fan nor condenser fan operates.
 - Check fusible link No. 4.
 - Check to see if auto compressor control unit outputs a signal.
3. Only the radiator fan does not operate at all.
 - Check radiator fan motor control relay.
4. Condenser fan only does not operate at all.
 - Check dedicated fuse No. 7.
 - Check condenser fan motor.
 - Check condenser fan motor relay.

NOTE

For troubleshooting of the auto compressor control unit, refer to GROUP 55 – Troubleshooting.

Auto Compressor Control Unit HI Signal Output Conditions

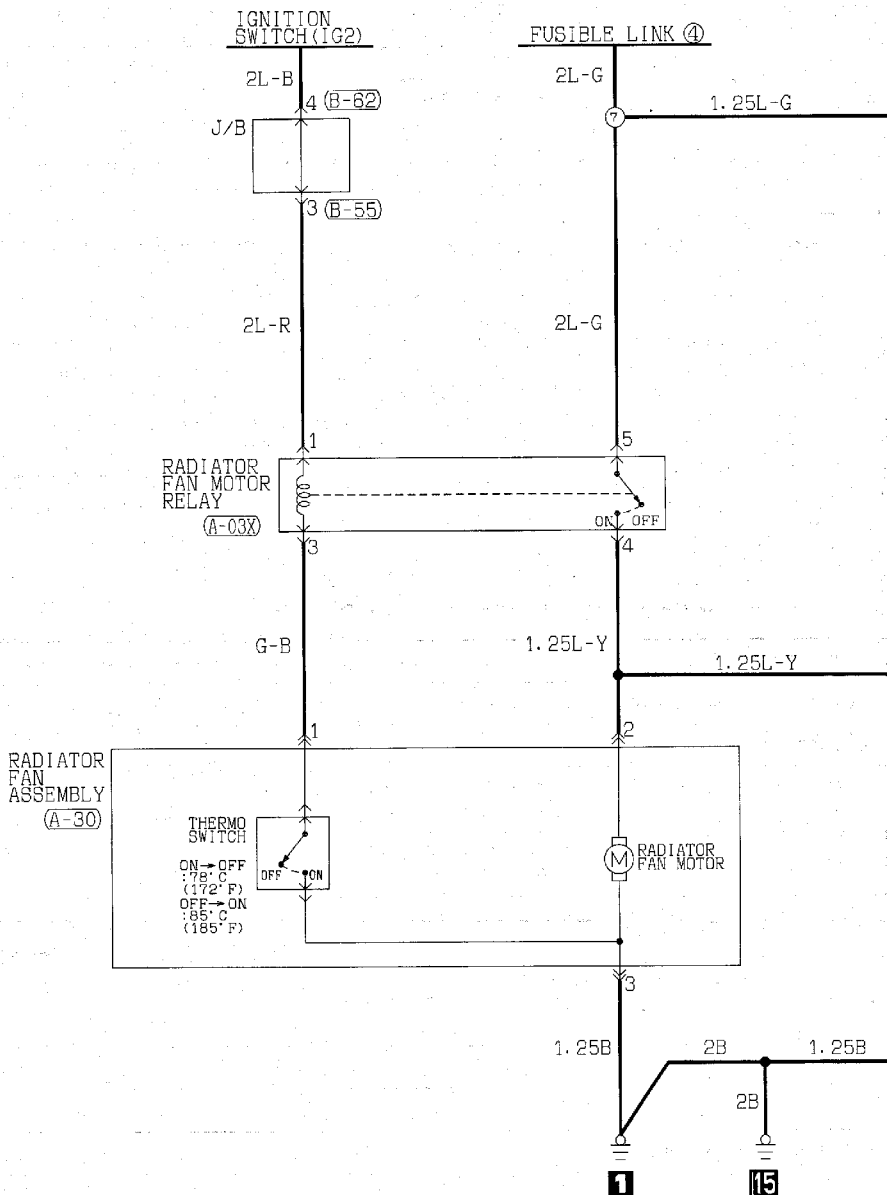
Ignition switch (IG ₂)	ON	Remark The auto compressor control unit outputs a LO signal (0 V) if any one of the switches and sensors is deactivated.
Blower switch	ON	
Air conditioning switch	ON (ECONO or DRY)	
Air thermo sensor	ON [3.2°C (38°F) or higher] (DRY mode)	
	ON [8°C (46°F) or higher] (ECONO mode)	

Fan Operating Conditions

Auto compressor control unit output	Thermo switch position [ON with 85°C (185°F) or higher]	Radiator fan operating condition	Condenser fan operating condition
LO (0 V)	OFF	OFF	OFF
	ON	ON	OFF
HI (Battery positive voltage)	OFF	ON	ON
	ON	ON	ON

COOLING SYSTEM

<1.5L ENGINE (FROM 1994 MODELS)>



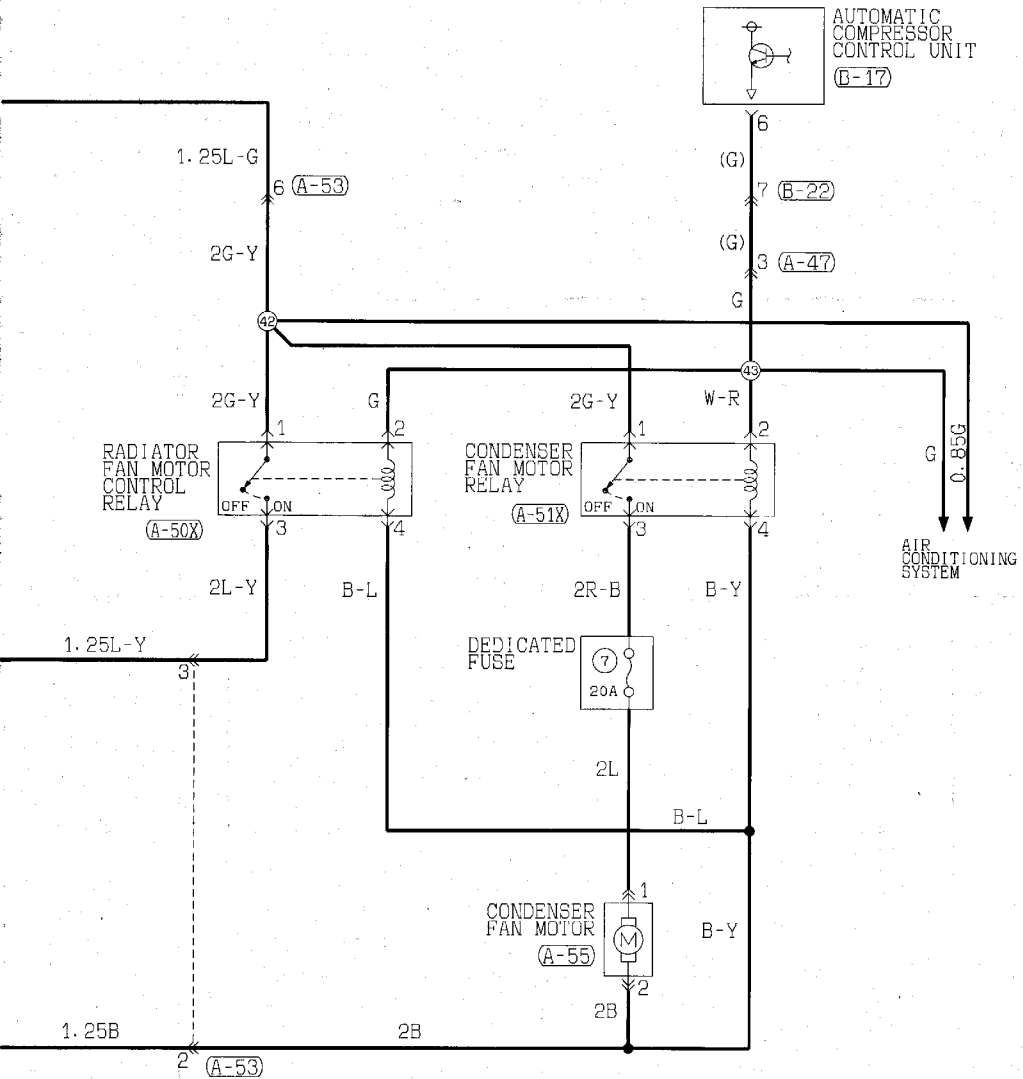
(A-03X)

(A-30)

(B-55)

(B-62)





- A-47**

1	2	3
4	5	6
- A-50X**

1	2
3	4
- A-51X**

1	2
3	4
- A-53**

1	2	3
4	5	6
- A-55**

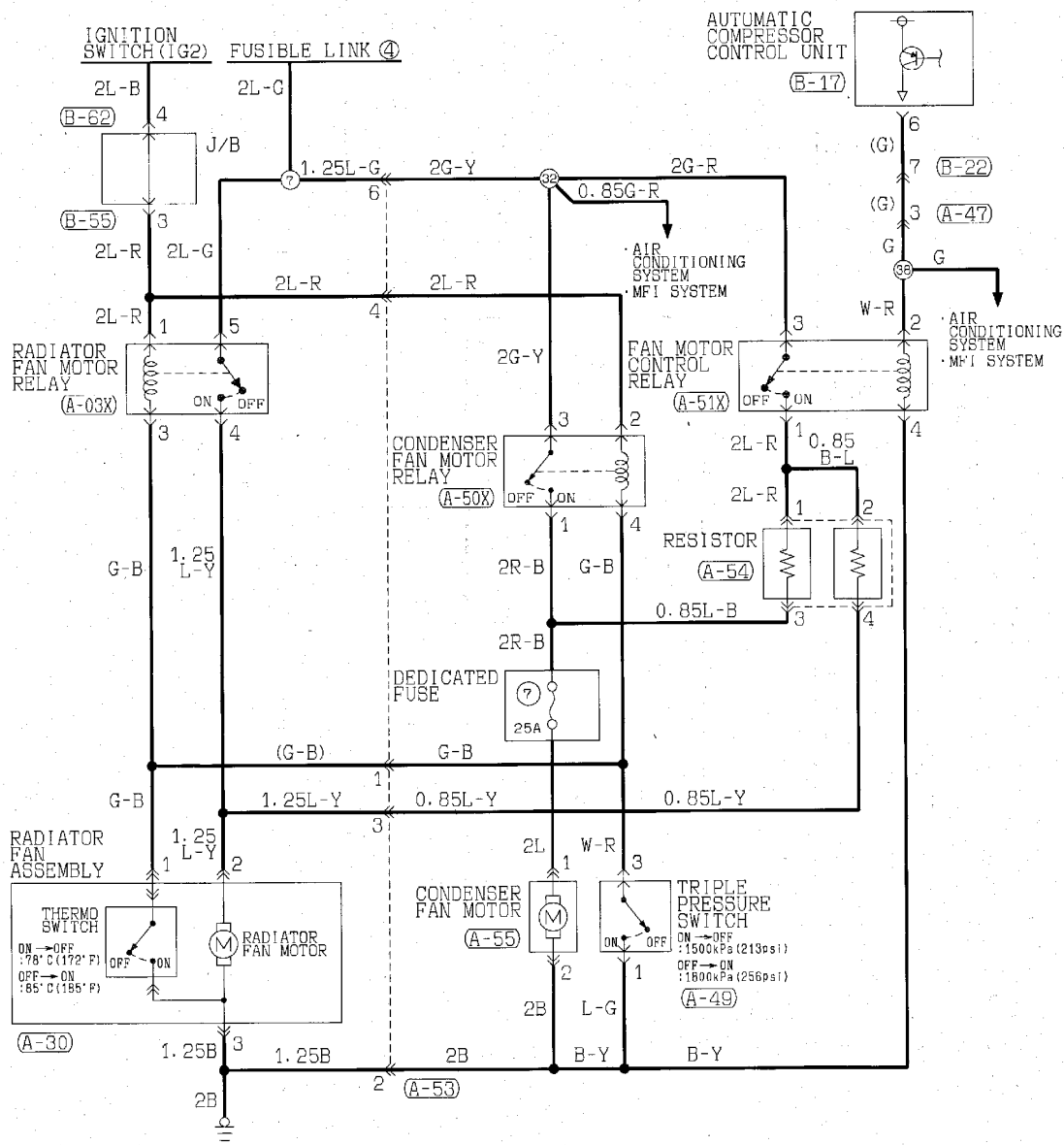
1	2
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- B-17**

1	2	3	4	5		
6	7	8	9	10	11	12
- B-22**

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

COOLING SYSTEM

<1.8L ENGINE (1993 MODELS)>



Legend for components and connectors:

- (A-03X)**: Radiator Fan Motor Relay
- (A-30)**: Radiator Fan Assembly
- (A-47)**: Triple Pressure Switch
- (A-49)**: Triple Pressure Switch
- (A-50X)**: Condenser Fan Motor Relay
- (A-51X)**: Fan Motor Control Relay
- (A-53)**: Condenser Fan Motor
- (A-54)**: Resistor
- (A-55)**: Condenser Fan Motor
- (B-17)**: Automatic Compressor Control Unit
- (B-22)**: Air Conditioning System MFI System
- (B-55)**: Air Conditioning System MFI System
- (B-62)**: Air Conditioning System MFI System

<1.8L Engine (1993 Models)>

OPERATION

1. When auto compressor control unit outputs LO signal (0 V)

- When the engine coolant temperature reaches 85°C (185°F), the thermo switch of radiator is activated.
- This energizes the radiator fan motor relay and condenser fan motor relay causing the radiator fan and condenser fan to rotate at high speed.

2. When auto compressor control unit outputs HI signal (Battery positive voltage)

- The fan motor control relay is turned on by the power from the auto compressor control unit, and this is transmitted through the resistor to nonconditionally run the condenser fan and radiator fan at low speed.
- At high temperatures in summer, etc, when the refrigerant line pressure on the medium-pressure side becomes high to turn on the triple pressure switch (medium-pressure) or the temperature of the engine coolant rises to 85°C (185°F) and the thermo switch is turned on, the condenser fan motor relay becomes also turned on. As the result, the condenser fan runs also turned on. As the result, the condenser fan runs also at high speed together with the radiator fan.

TROUBLESHOOTING HINTS

1. Radiator fan does not operate.
 - (1) Disconnect the radiator fan assembly connector, and earth the "1" terminal to run the fan.
 - Check thermo switch.
 - (2) Even if "1" terminal is earthed, the fan does not run.
 - Check radiator fan motor relay.
 - Check radiator fan motor.
2. Neither radiator fan nor condenser fan operates.
 - Check fusible link No. 4.
3. Condenser fan does not operate at all.
 - Check dedicated fuse No. 7.
 - Check condenser fan motor.
4. Only the radiator fan does not rotate at low speed.
 - Check fan motor control relay.
5. Only condenser fan does not rotate at high speed.
 - Check fan motor control relay.
6. Radiator fan and condenser fan do not run at low speed alone.
 - Check resistor.

NOTE

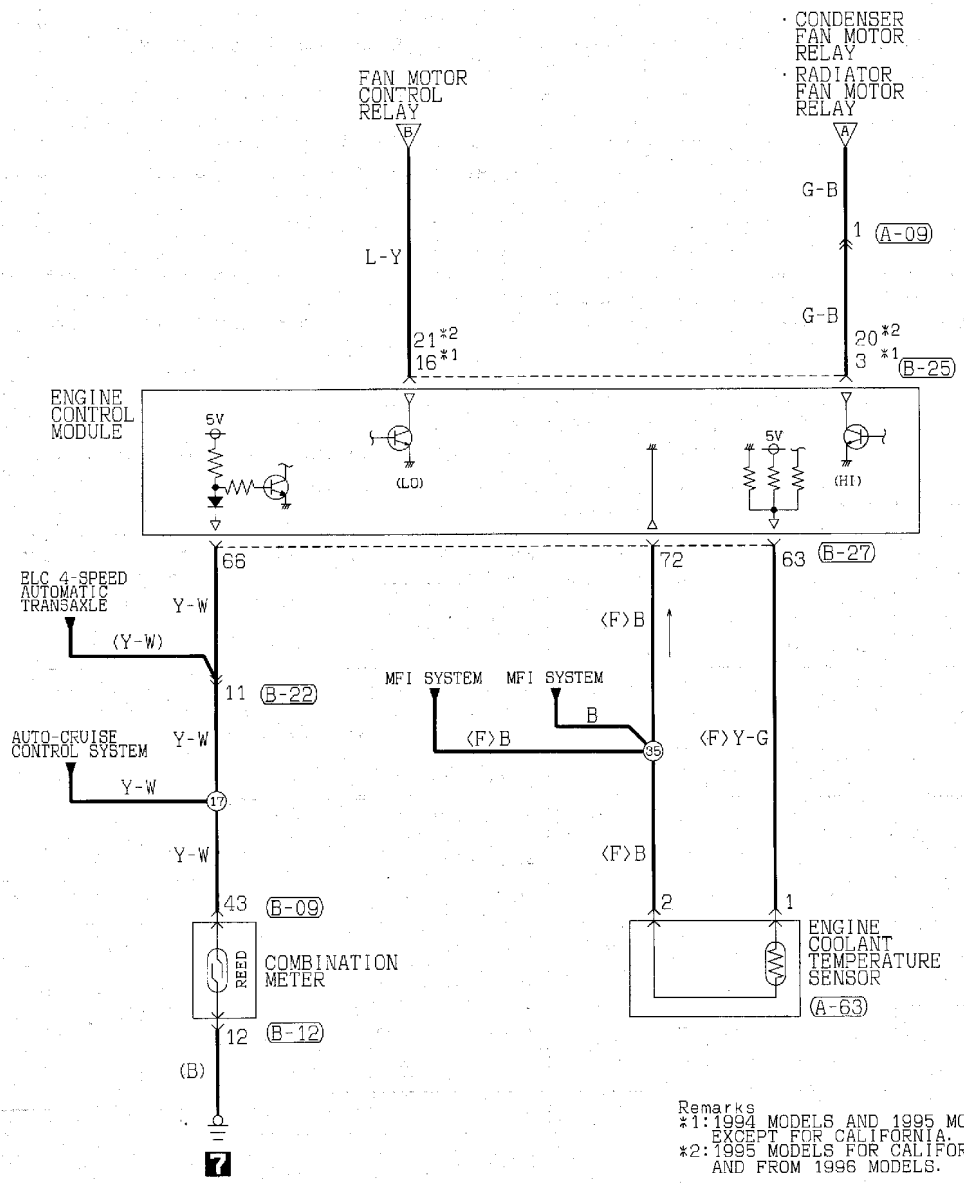
For troubleshooting of the auto compressor control unit, refer to GROUP 55 – Troubleshooting.

Auto Compressor Control Unit HI Signal Output Conditions

Ignition switch (IG ₂)	ON	Remark The auto compressor control unit outputs a LO signal (0 V) when any one of the switches and sensors is deactivated.
Blower switch	ON	
Air conditioning switch	ON (ECONO or DRY)	
Air thermo sensor	ON [3.2°C (38°F) or higher] (DRY mode) ON [8°C (46°F) or higher] (ECONO mode)	

Fan Operating Conditions

Auto compressor control unit output	Triple pressure switch position [ON with 1800 kPa (256 psi) or higher]	Thermo switch position [ON with 85°C (185°F) or higher]	Radiator fan operating condition	Condenser fan operating condition
LO (0 V)	OFF	OFF	OFF	OFF
	OFF	ON	HIGH	HIGH
HI (Battery positive voltage)	OFF	OFF	LOW	LOW
	OFF	ON	HIGH	HIGH
	ON	OFF	HIGH	HIGH
	ON	ON	HIGH	HIGH



A-09	A-63	B-09	B-12	B-22	B-25
1 2 3 4 5 6	1 2 3 4 5 6 7 8 9 10 11 12	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	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-27

01	02	03	04	05	06	07	08	09	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

TSB Revision

<1.8L Engine (From 1994 Models)>**OPERATION**

- The engine control module controls the power transistors (high speed and low speed) in the module to provide radiator fan motor and condenser fan motor rotation controls in accordance with the engine coolant temperature and vehicle speed.

- When the engine control module turns on the power transistor in the module, the current flows to the engine control module through the fan motor relay coil.

If the current flows to the fan motor relay coil, the switch of the relay turns on to supply the motor driving power. This will cause the current to flow from the battery to the radiator fan motor and the condenser fan motor through the respective relay switches.

- When both air conditioning switch and refrigerant medium pressure switch are ON, the radiator fan motor and the condenser fan motor rotate at high speeds regardless of the vehicle speed and the engine coolant temperature.

TROUBLESHOOTING HINTS

- Radiator fan does not operate.
 - Check radiator fan motor relay.
 - Check radiator fan motor.
- Neither radiator fan nor condenser fan operates.
 - Check fusible link No. 4.
- Condenser fan does not operate at all.
 - Check dedicated fuse No. 7.
 - Check condenser fan motor relay.
 - Check condenser fan motor.
- Radiator fan and condenser fan do not run at low speed alone.
 - Check resistor.
 - Check fan motor control relay.
 - Check the engine control module. (Refer to GROUP 13A – Troubleshooting.)
- Radiator fan and condenser fan do not operate in the high speed mode, but operate otherwise.
 - Check the radiator fan motor relay and condenser fan motor relay.
 - Check the engine control module. (Refer to GROUP 13A – Troubleshooting.)

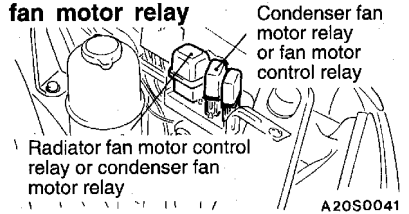
Fan Operating Mode

Air conditioning switch conditions	Triple pressure switch conditions <Turn to ON at 1800 kPa (256 psi) or more>	Vehicle speed sensor (mph)	Engine coolant temperature sensor °C (°F)	Radiator fan motor operation condition	Condenser fan motor operation condition
OFF	OFF	28 or less	95 (203) or less	OFF	OFF
			95 (203)–105 (221)	LOW	LOW
			105 (221) or more	HIGH	HIGH
		28 – 50	90 (194) or less	OFF	OFF
			90 (194)–105 (221)	LOW	LOW
			105 (221) or more	HIGH	HIGH
50 or more	105 (221) or less	OFF	OFF		
	105 (221) or more	HIGH	HIGH		
ON	OFF	-	105 (221) or less	LOW	LOW
			105 (221) or more	HIGH	HIGH
	ON	-	-	HIGH	HIGH

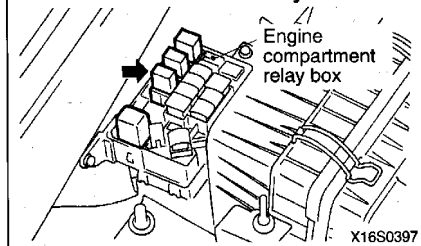
110003572

COMPONENT LOCATION

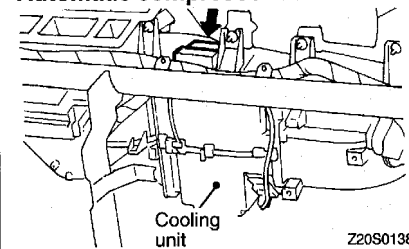
Radiator fan motor control relay, fan motor control relay and condenser fan motor relay



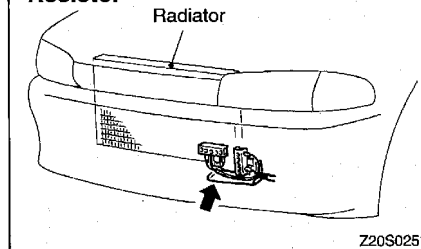
Radiator fan motor relay



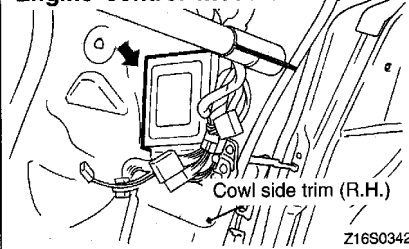
Automatic compressor control unit



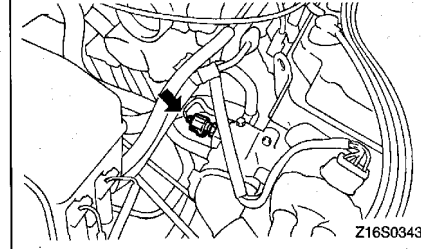
Resistor



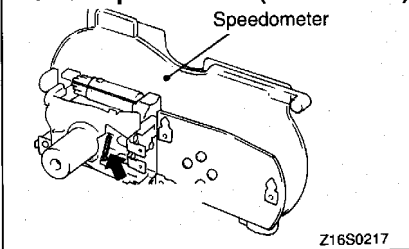
Engine control module



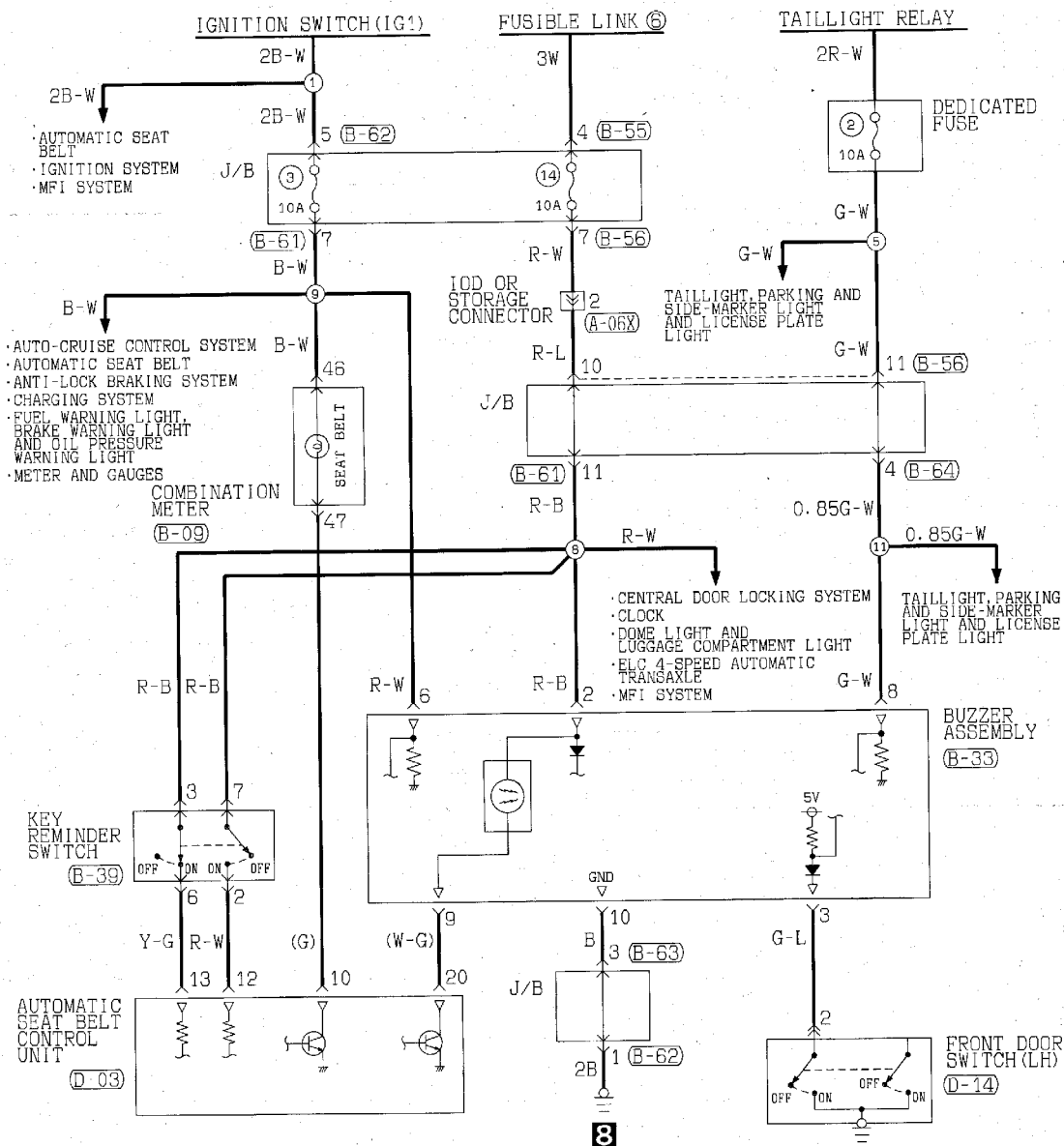
Engine coolant temperature sensor



Vehicle speed sensor (Reed switch)



BUZZER <1993 MODELS>



(A-06X)

1	X
2	

(B-09)

3	1	2	3	4	5	6	7	8	9	10	11	12
				43								
44	45	46	47	48	49	50	51	52	53	54	55	

(B-33)

1	2	3	4
5	6	7	8

(B-39)

1	X	3	4
5	6	7	8

(B-55)

1	X	2
3	4	5

(B-56)

1	2	3	4
5	6	7	8
9	10	11	

(B-61)

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

(B-62)

1	2	3
4	5	6

(B-63)

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

(B-64)

1	2	3	4	5
6	7	8	9	10

(D-03)

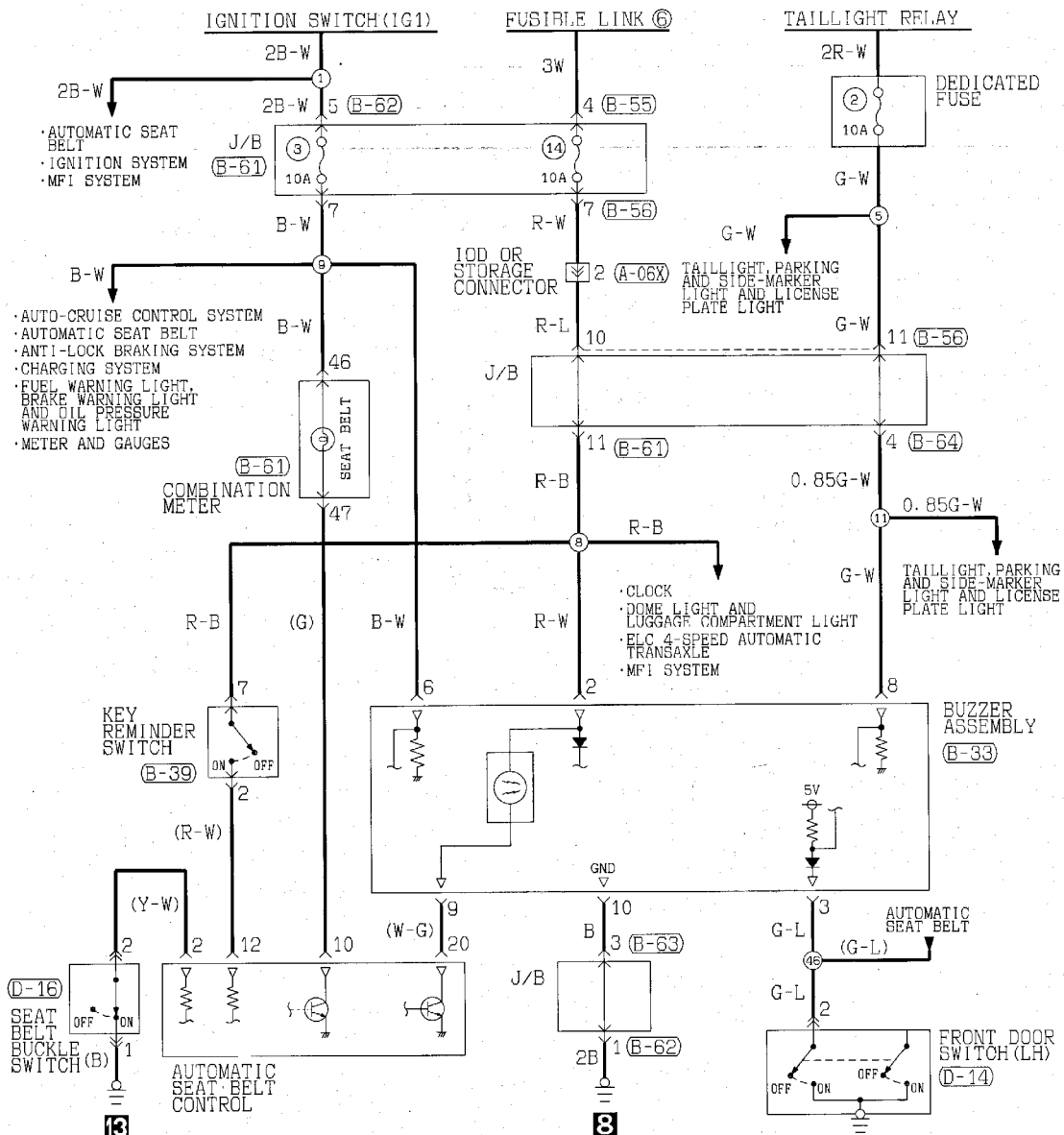
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

(D-14)

1	2
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BUZZER <1994 MODELS>

110003574



<Up to 1994 Models>

110003575

OPERATION

Ignition switch position	Buckle switch position	Key reminder switch position	Front door switch (LH) position	Lighting switch position	Key reminder warning buzzer	Lighting monitor buzzer
LOCK or ACC	–	ON	ON	OFF	ON	–
–	–	–	ON	ON	–	ON
LOCK or ACC	–	ON	ON	ON	ON	–

TROUBLESHOOTING HINTS

Key Reminder Warning

Key reminder buzzer does not sound.

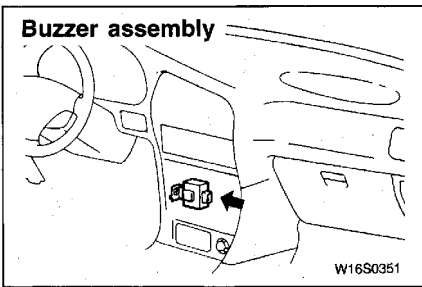
- (1) Lighting monitor buzzer sounds.
 - Check key reminder switch.
- (2) Lighting monitor buzzer also does not sound. (except taillight which comes on)
 - Check buzzer.
 - Check door switch.

NOTE

For troubleshooting of the seat belt warning, refer to GROUP 52A – Troubleshooting.

COMPONENT LOCATION

110003793

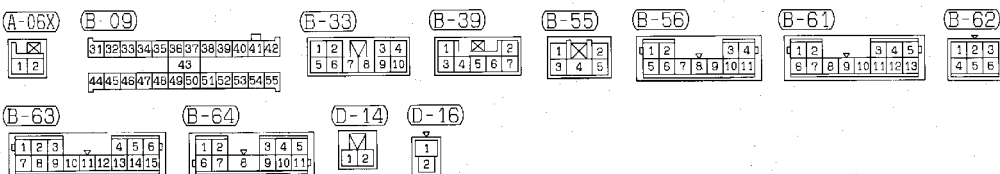
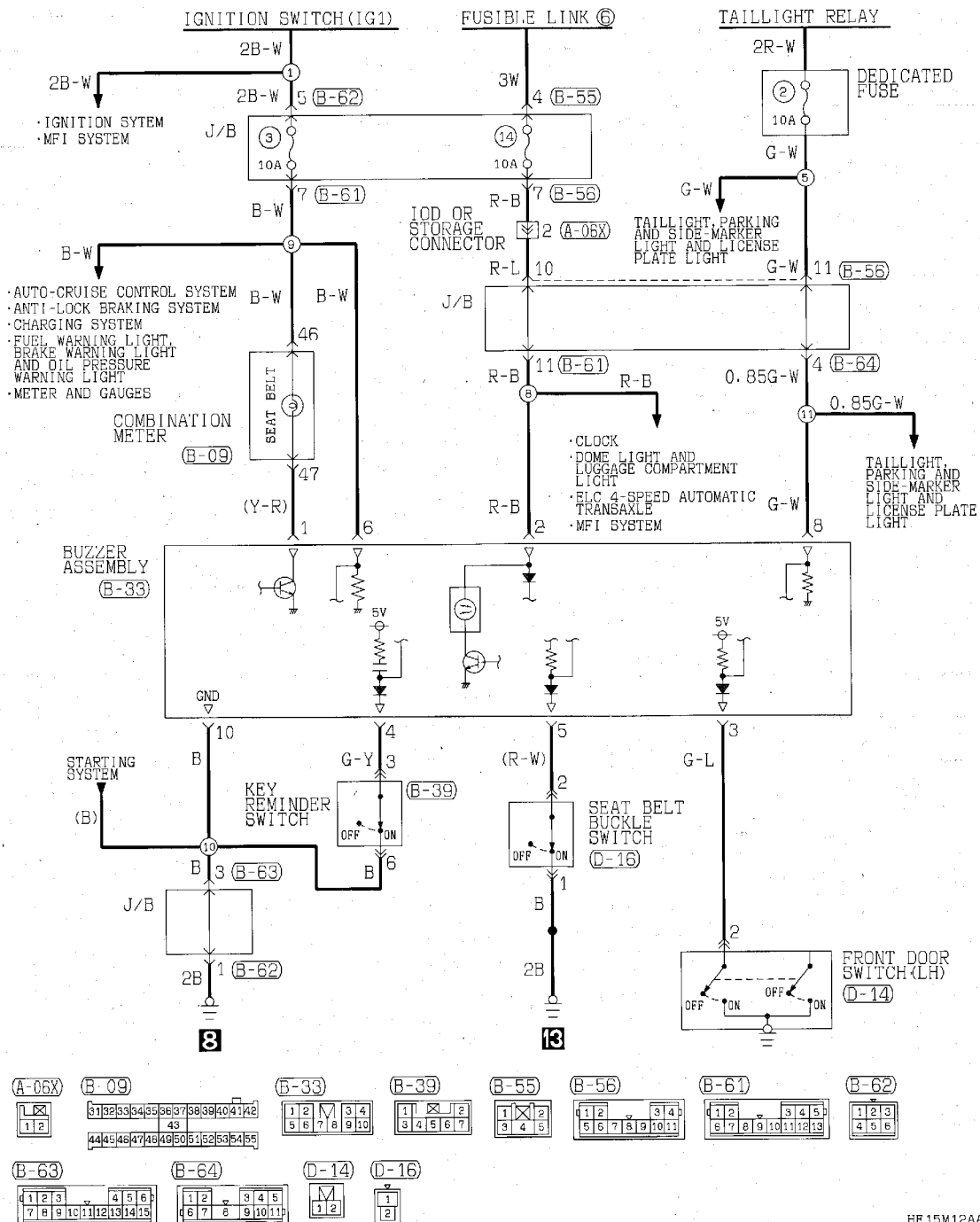


Seat Belt Warning

1. Seat belt warning buzzer does not sound.
 - (1) Seat belt warning light goes on.
 - Check buckle switch.
 - (2) Seat belt warning light does not go on, and key reminder buzzer does not sound.
 - Check buzzer.
 - Check key reminder switch.
2. Buzzer fails to stop sounding after driver's seat belt is fastened.
 - Check buckle switch.
3. Seat belt warning light does not go on, but buzzer sounds.
 - Check bulb.

BUZZER <FROM 1995 MODELS>

110003576



<From 1995 Models>

110003577

OPERATION

Ignition switch position	Buckle switch position	Key reminder switch position	Front door switch (LH) position	Lighting switch position	Key reminder warning buzzer	Lighting monitor buzzer	Seat belt warning light	Seat belt warning buzzer
LOCK or ACC	–	OFF	ON	OFF	ON	–	–	–
–	–	ON	ON	ON	–	ON	–	–
LOCK or ACC	–	OFF	ON	ON	ON	–	–	–
ON	ON	OFF	–	–	–	–	ON	ON
ON	OFF	OFF	–	–	–	–	ON	–

TROUBLESHOOTING HINTS

Key Reminder Warning

Key reminder buzzer does not sound.

- (1) Lighting monitor buzzer sounds.
 - Check key reminder switch.
- (2) Lighting monitor buzzer also does not sound. (except taillight which comes on)
 - Check buzzer.
 - Check door switch.

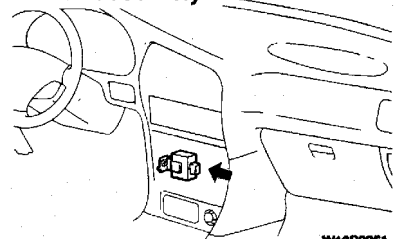
Seat Belt Warning

1. Seat belt warning buzzer does not sound.
 - (1) Seat belt warning light goes on.
 - Check buckle switch.
 - (2) Seat belt warning light does not go on, and key reminder buzzer does not sound.
 - Check buzzer.
 - Check key reminder switch.
2. Buzzer fails to stop sounding after driver's seat belt is fastened.
 - Check buckle switch.
3. Seat belt warning light does not go on, but buzzer sounds.
 - Check bulb.

COMPONENT LOCATION

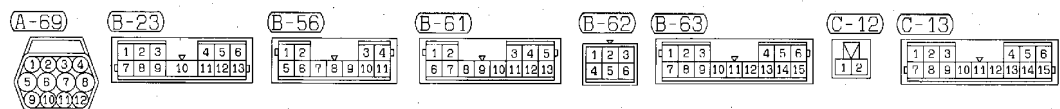
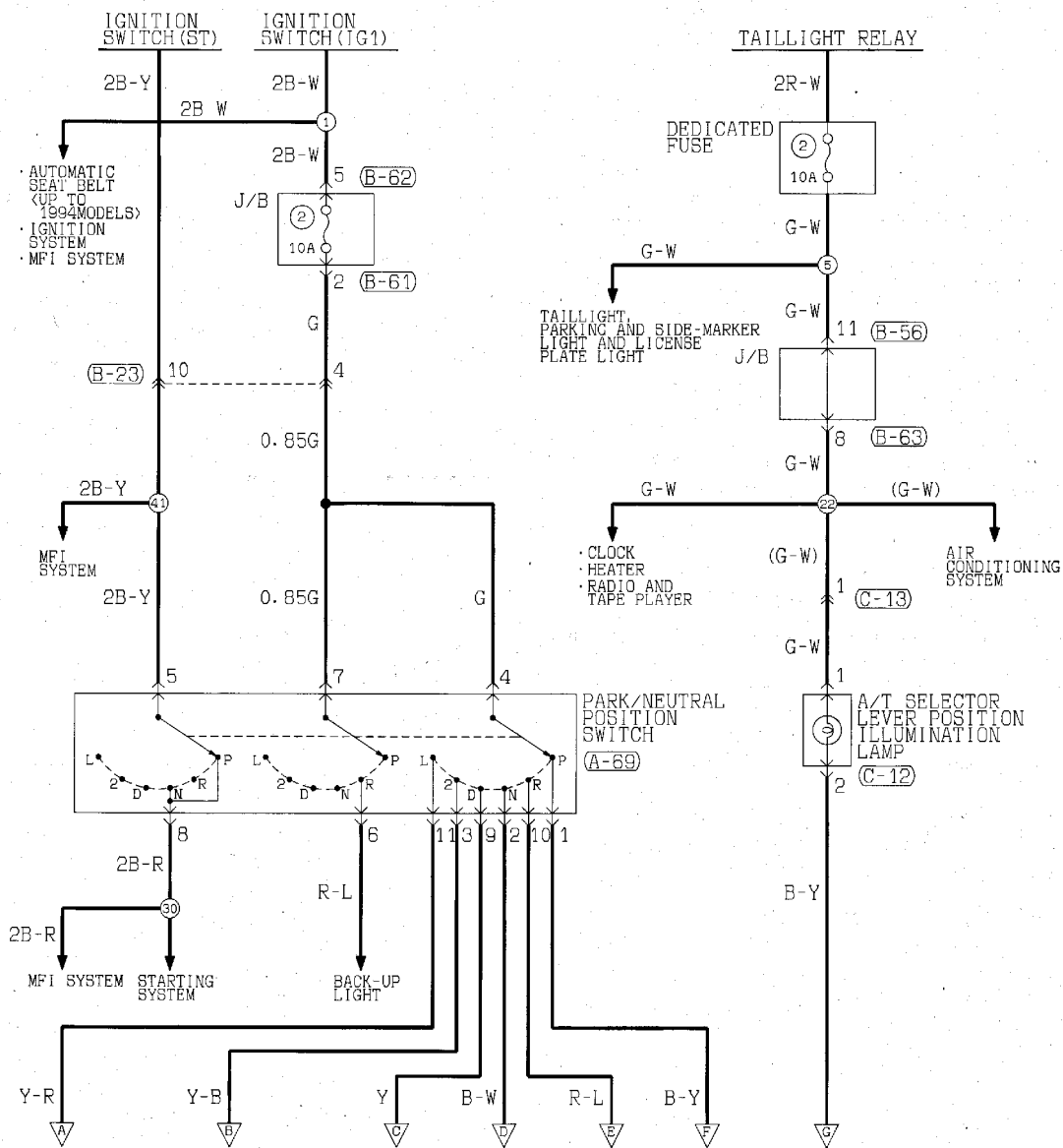
110003794

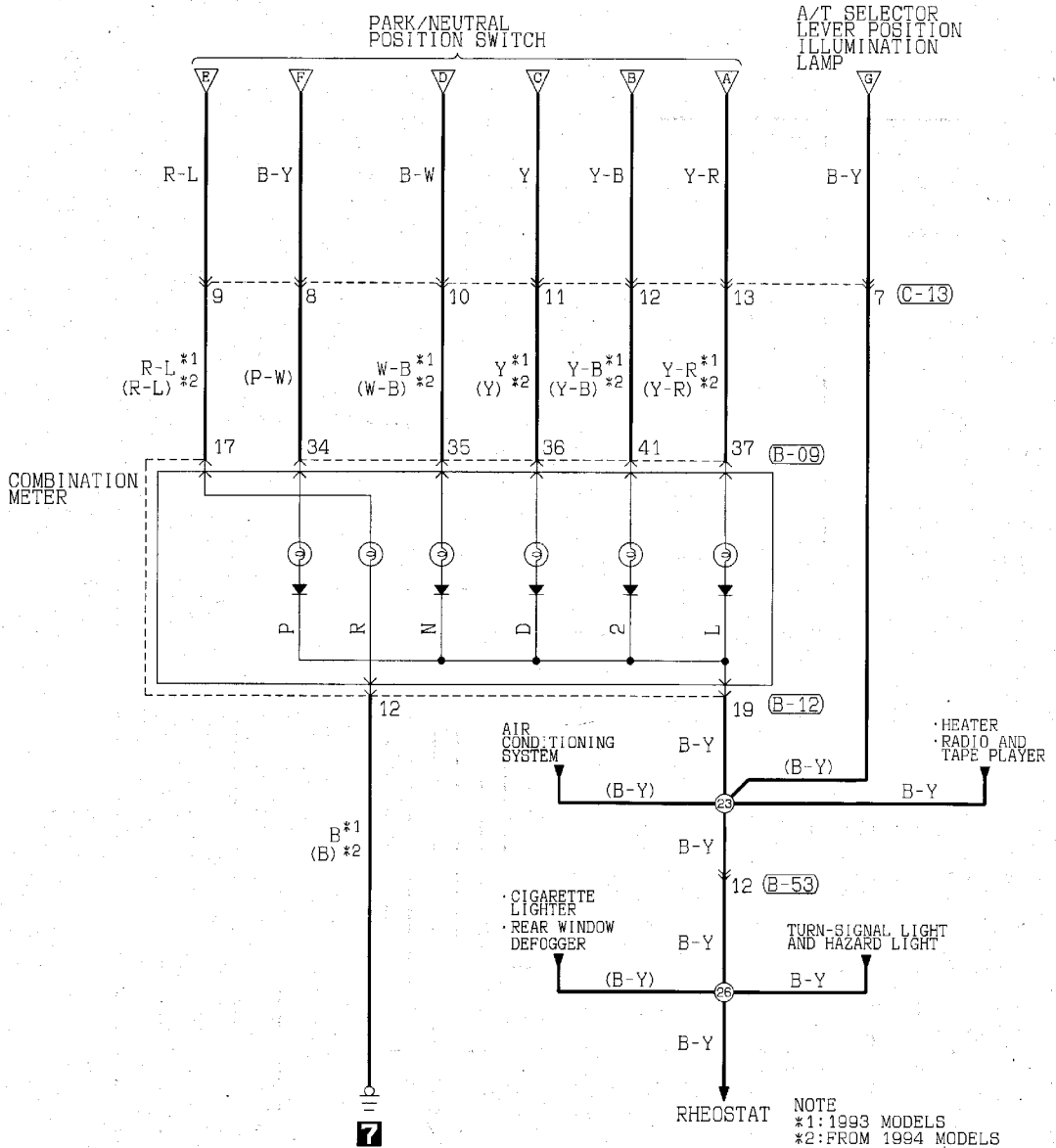
Buzzer assembly



W1450361

3-SPEED AUTOMATIC TRANSAXLE





(B-09)

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

(B-12)

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

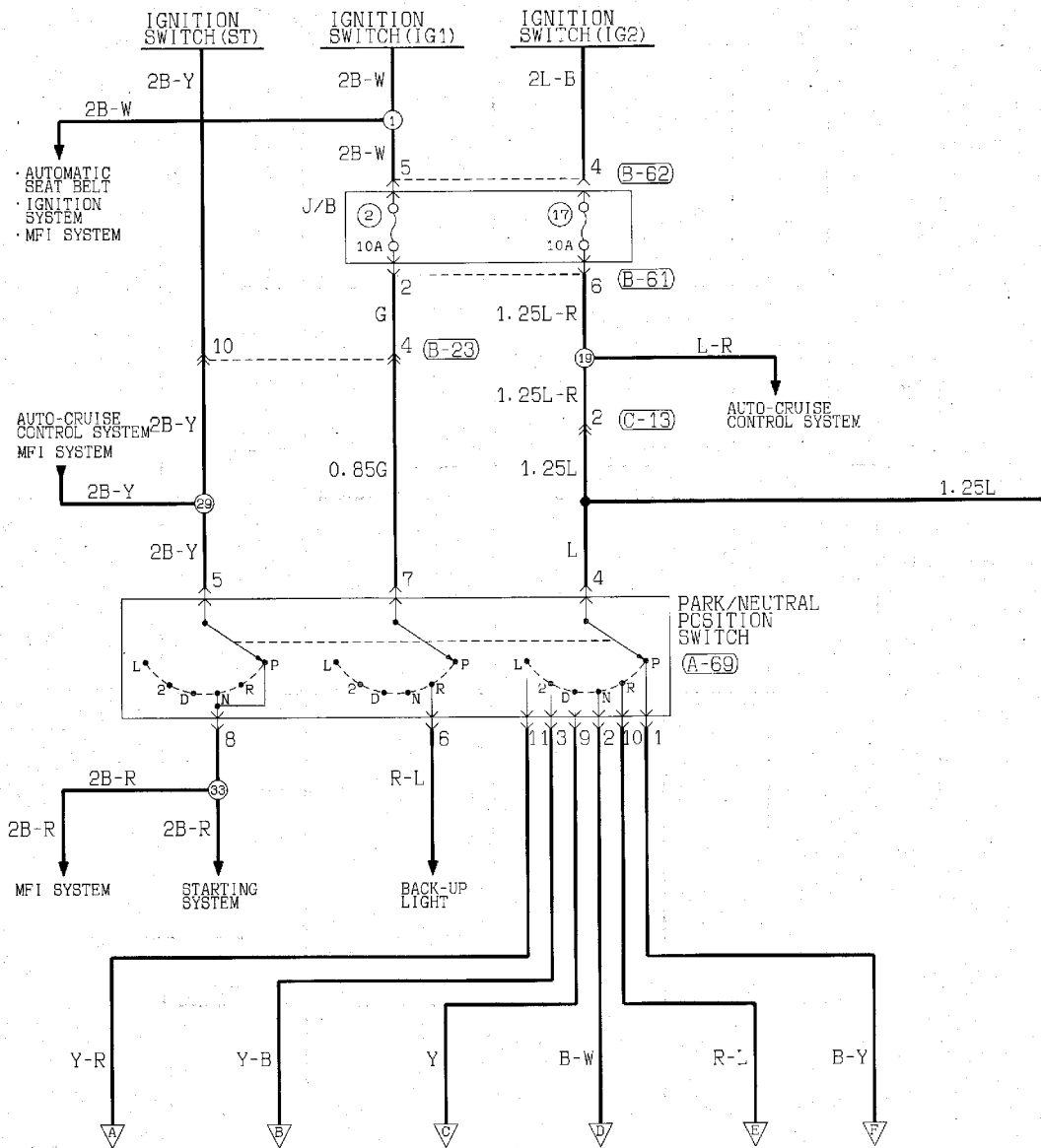
(B-53)

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

(C-13)

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

ELC 4-SPEED AUTOMATIC TRANSAXLE <1993 MODELS>



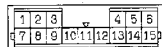
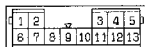
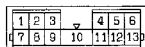
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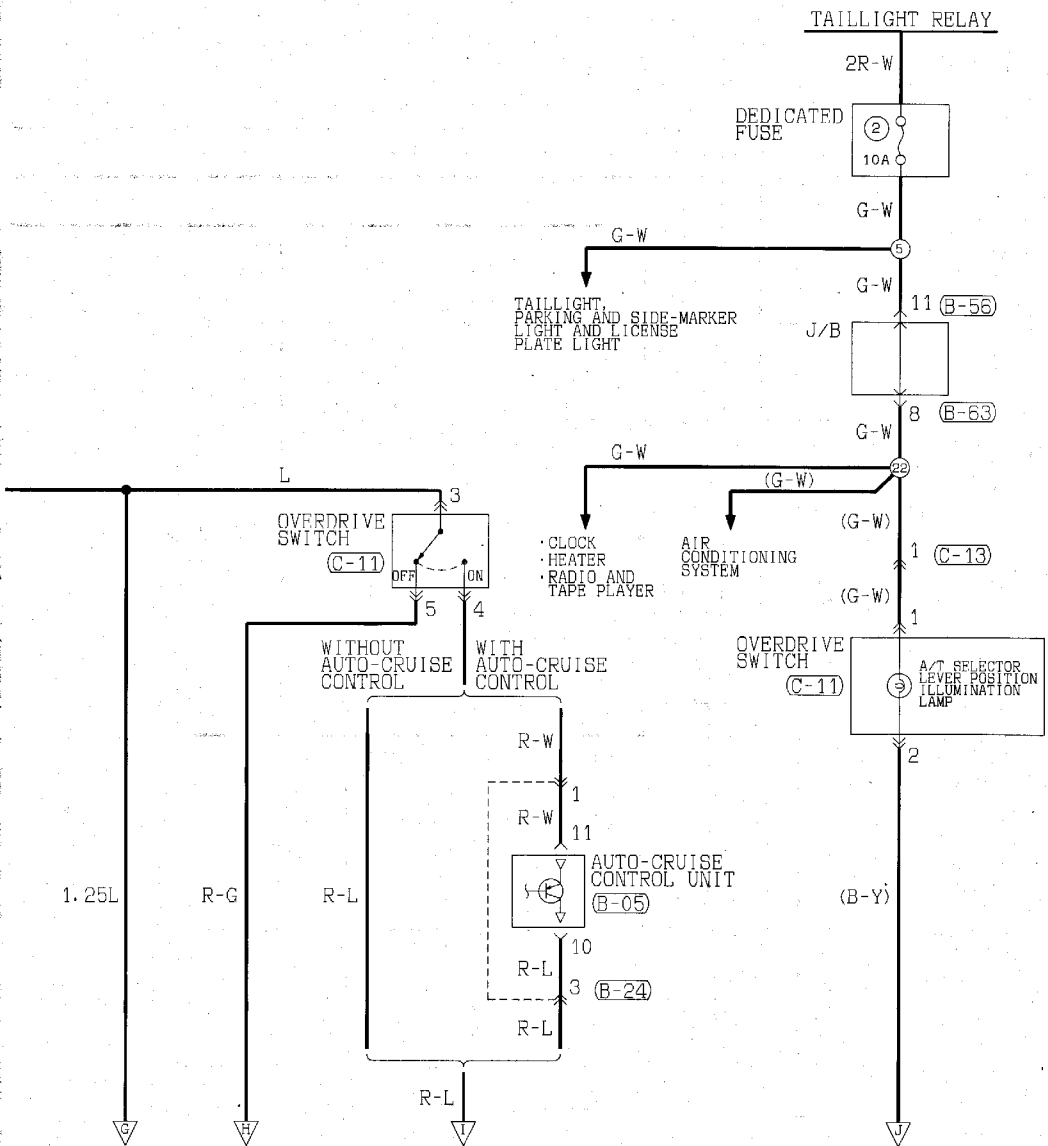
(B-23)

(B-61)

(B-62)

(C-13)





B-05

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-24

1	N	2	
3	4	5	6

B-56

1	2	3	4			
5	6	7	8	9	10	11

B-63

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

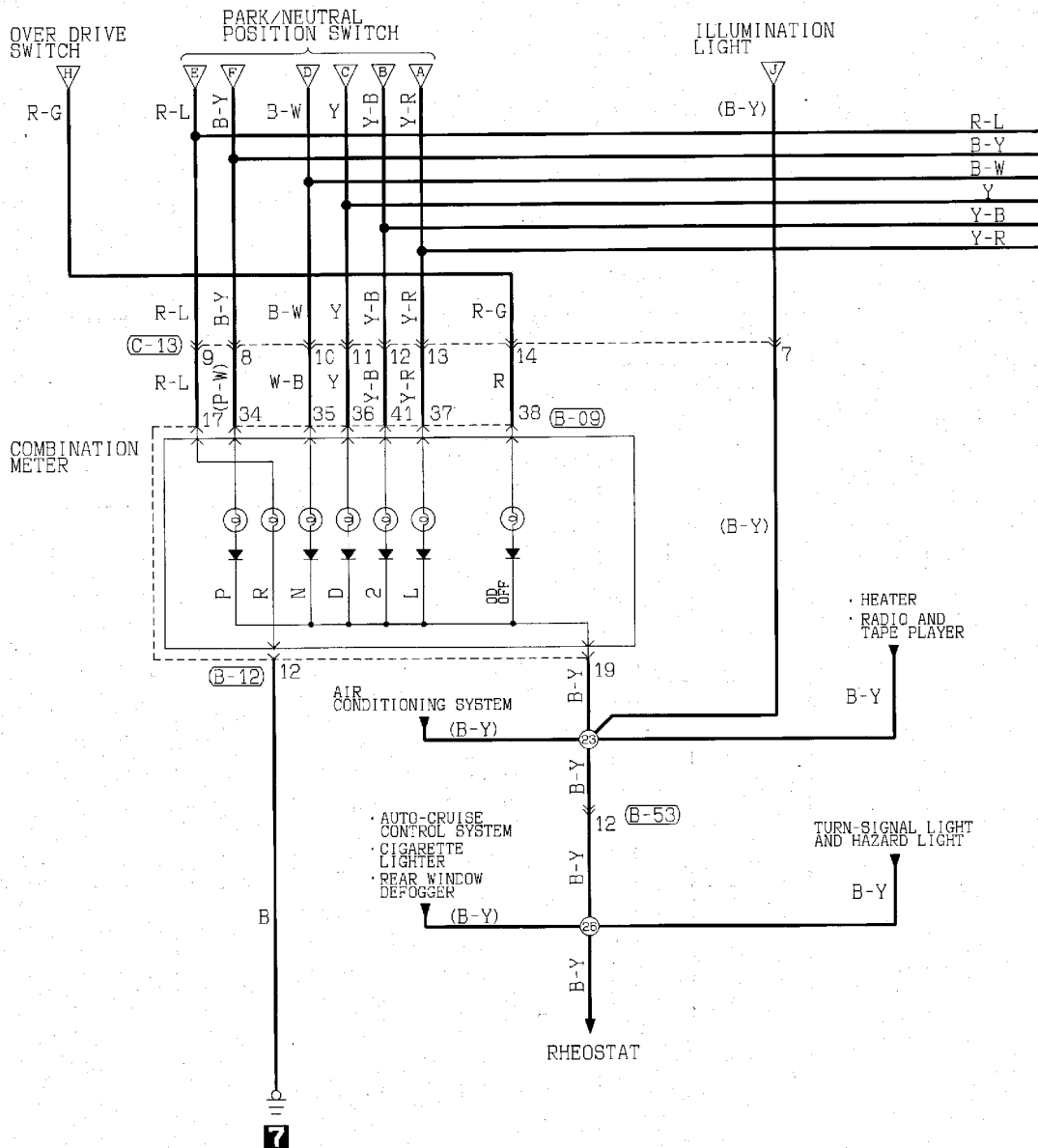
C-11

1	N	2	
3	4	5	6

C-13

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

ELC 4-SPEED AUTOMATIC TRANSAXLE <1993 MODELS> (CONTINUED)



B-09

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

B-12

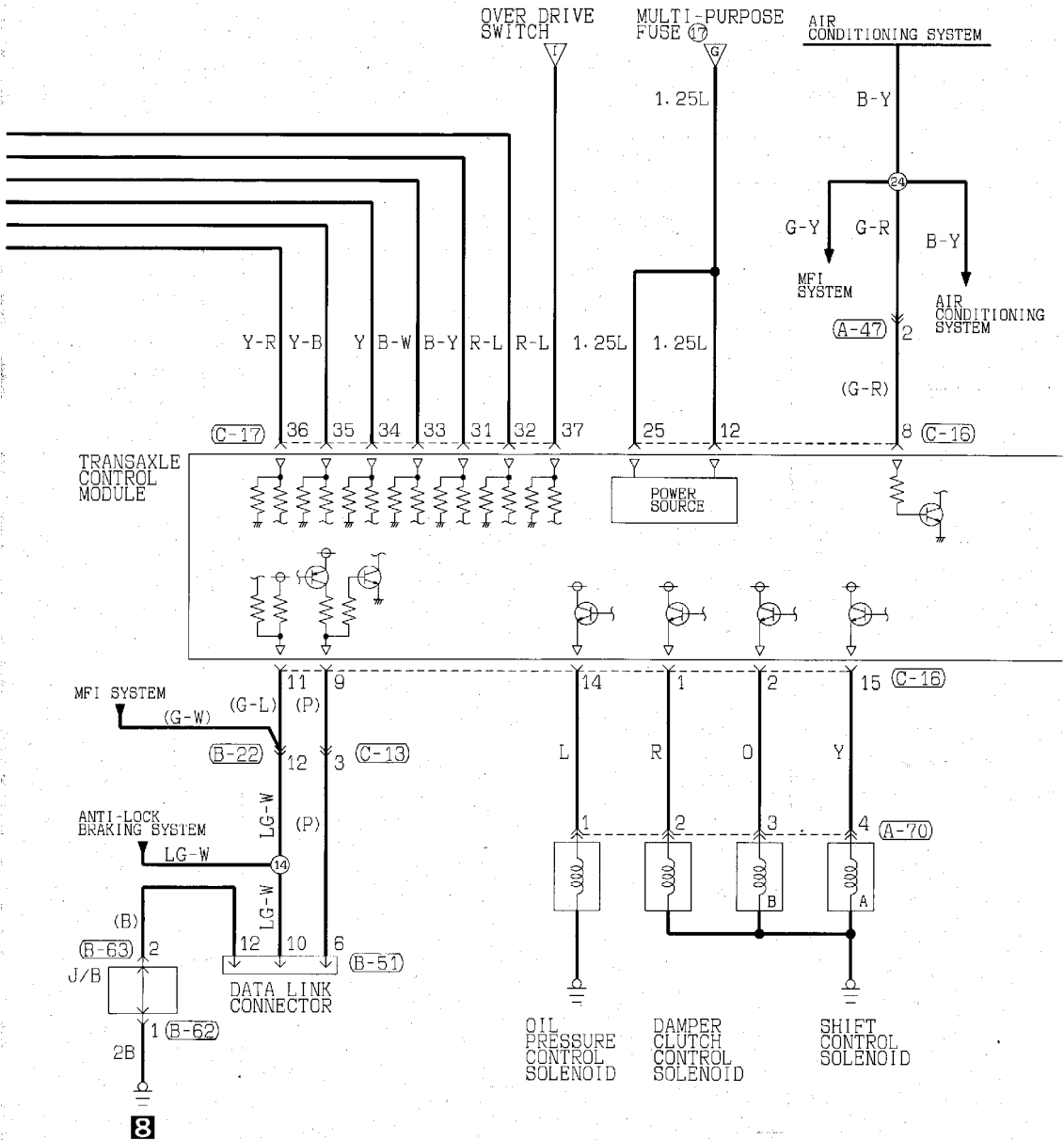
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13											
14	15	16	17	18	19	20	21	22	23	24	25

B-53

4	7	2	5	W			4	5	6
7	8	9	10	11	12	13	14	15	

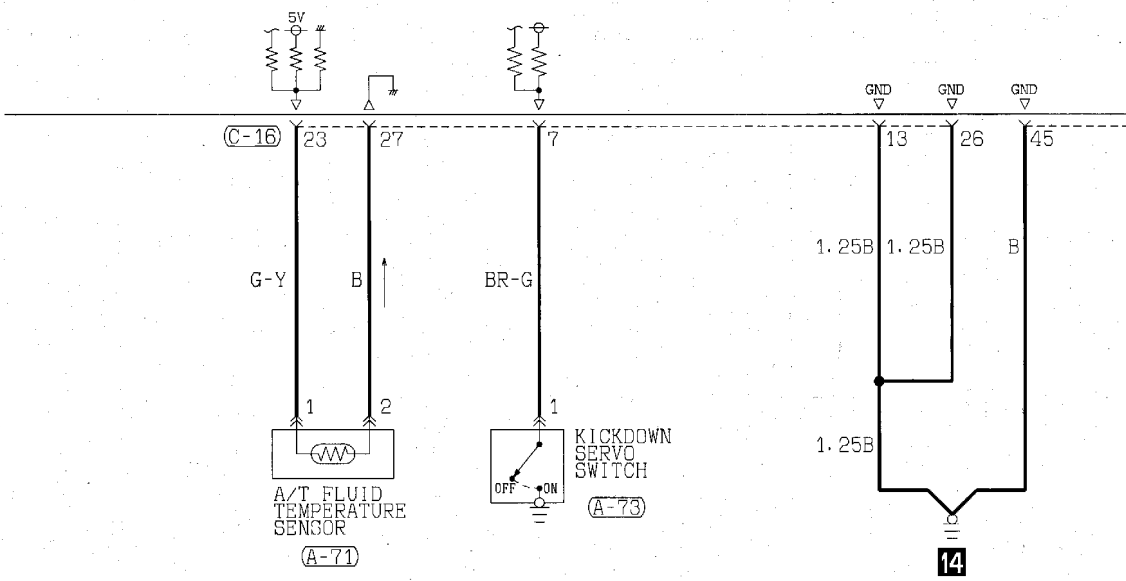
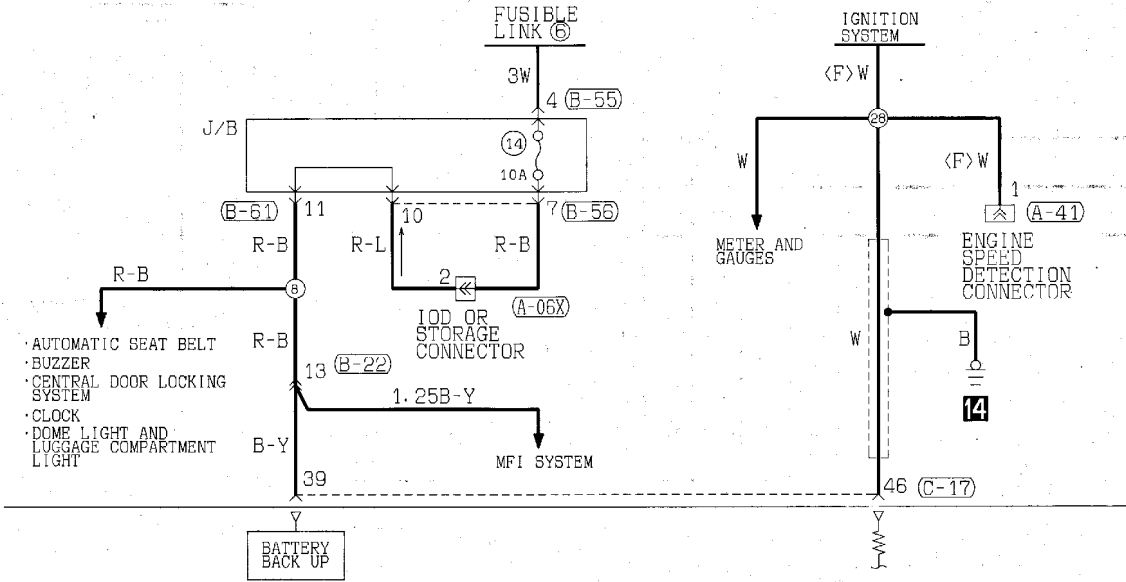
C-13

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



A-47 1 2 3 4 5 6	A-70 1 2 3 4	B-22 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	B-51 FRONT SIDE 5 4 3 2 1 12 11 10 9 8 7 6 REAR SIDE 1 2 3 4 5 6 7 8 9 10 11 12	B-62 1 2 3 4 5 6	B-63 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	C-13 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
C-16 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	C-17 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46					

ELC 4-SPEED AUTOMATIC TRANSAXLE <1993 MODELS> (CONTINUED)



- (A-06X)
- (A-41)
- (A-71)
- (A-73)
- (B-22)

1	2	3	4	5	6
7	8	9	10	11	12
- (B-55)

1	2
3	4
- (B-56)

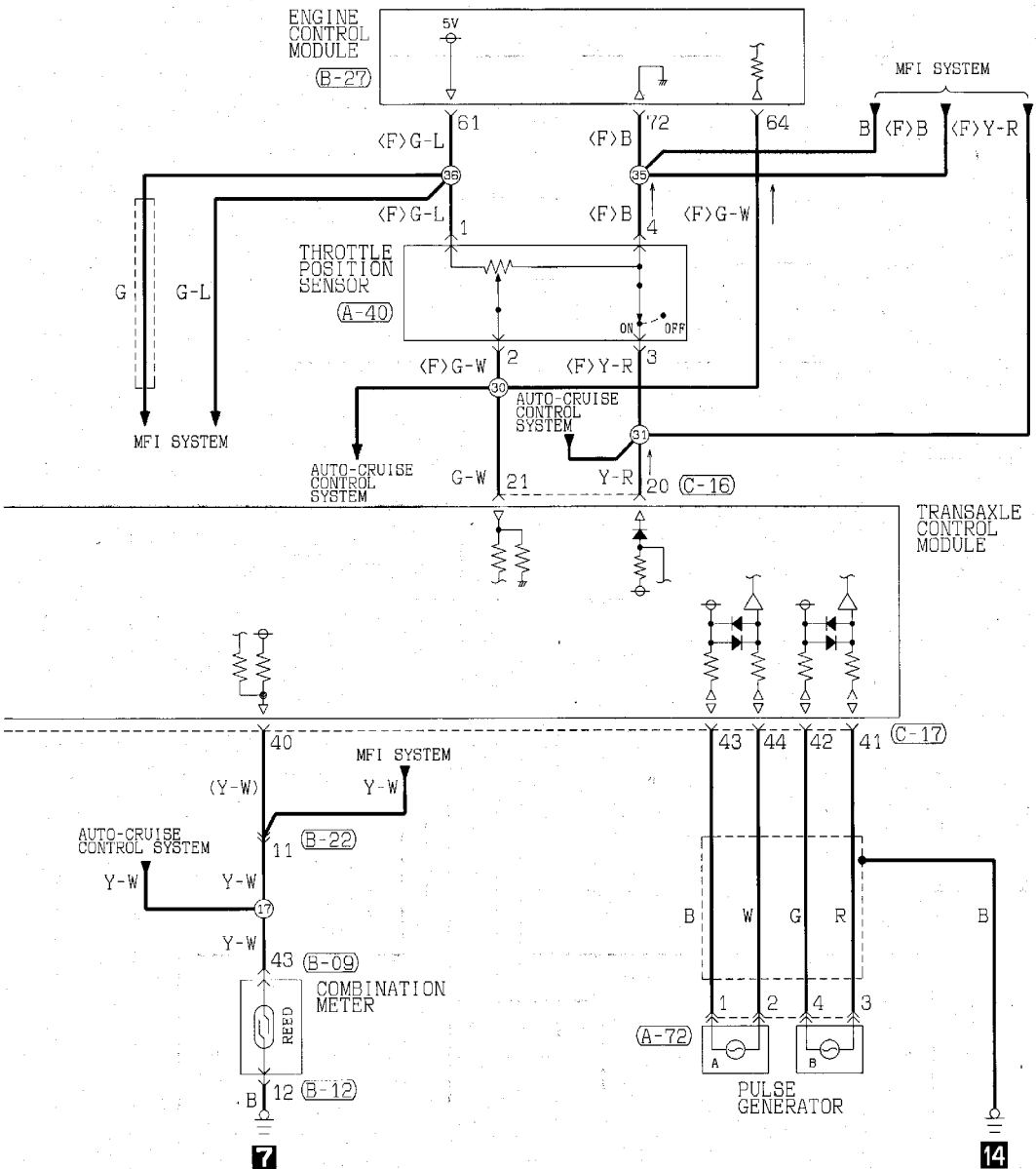
1	2	3	4
5	6	7	8
- (B-61)

1	2	3	4	5
6	7	8	9	10
- (C-16)

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

- (C-17)

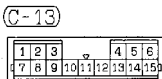
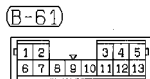
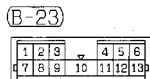
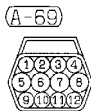
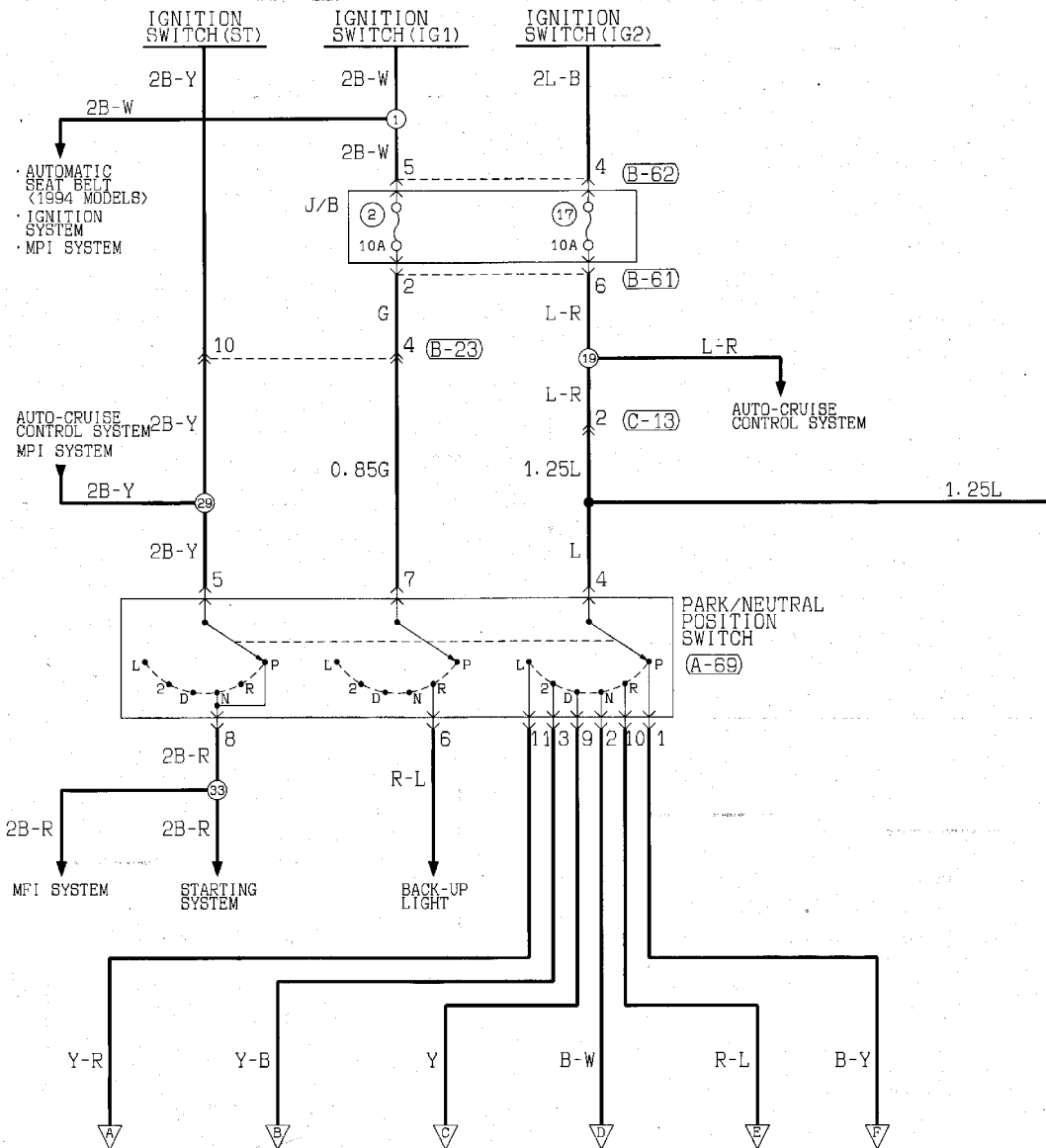
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14	15	16	17	18	19	20	21	22	23	24	25	26

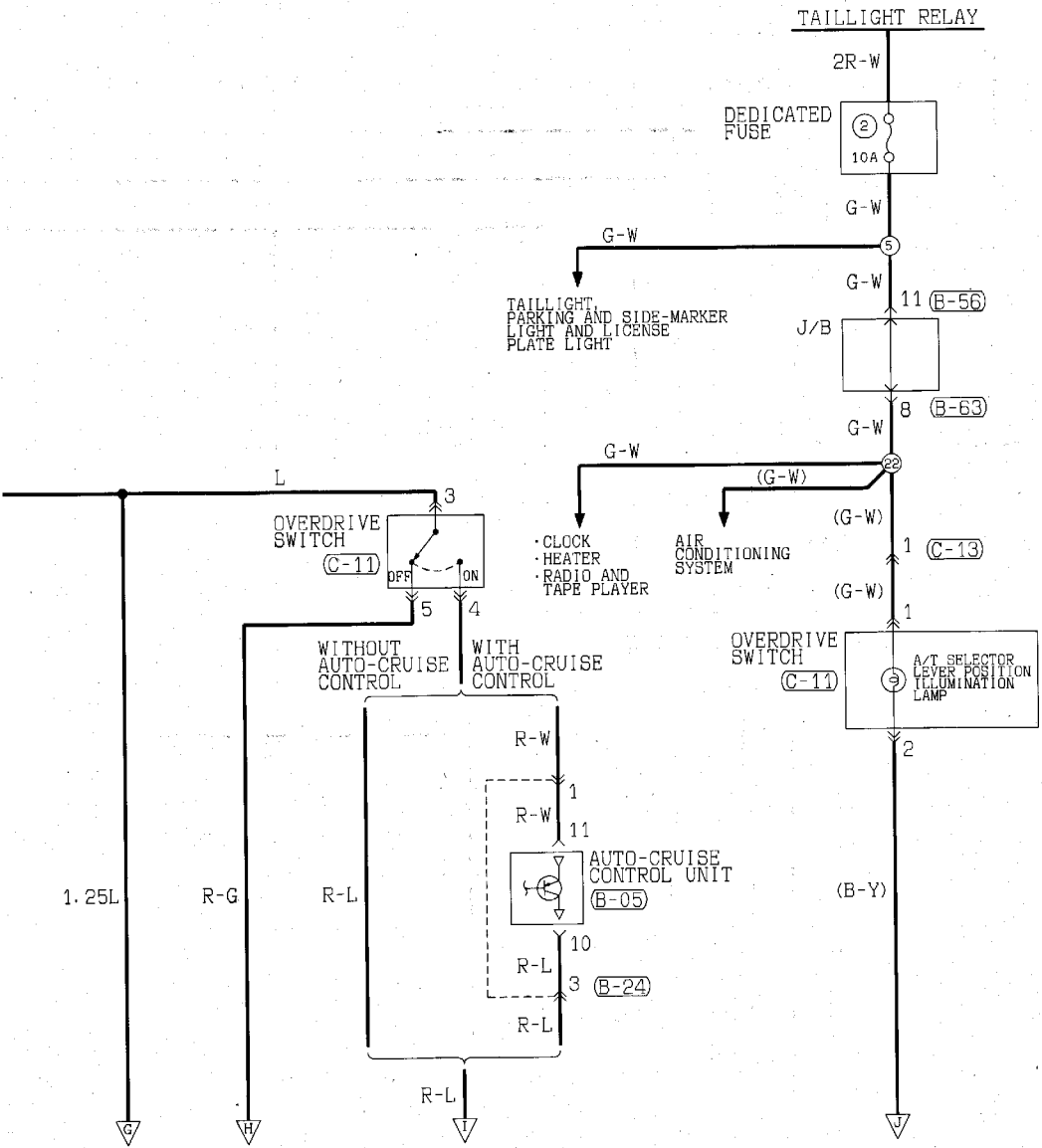


(A-40) 1 2 3 4	(A-72) 1 2 3 4	(B-09) 3 1 3 2 3 3 3 4 3 5 3 6 3 7 3 8 3 9 4 0 4 1 4 2	(B-12) 1 2 3 4 5 6 7 8 9 10 11 12 13	(B-22) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	(B-27) 5 1 5 2 5 3 5 4 5 5 5 6 5 7 5 8 5 9 6 0 6 1 6 2 6 3 6 4 6 5 6 6 6 7 6 8 6 9 7 0 7 1 7 2
(C-16) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	(C-17) 3 1 3 2 3 3 3 4 3 5 3 6 3 7 3 8				

ELC 4-SPEED AUTOMATIC TRANSAXLE <FROM 1994 MODELS>

110003580





B-05

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-24

1	2
3	4
5	6

B-56

1	2	3	4
5	6	7	8
9	10	11	

B-63

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

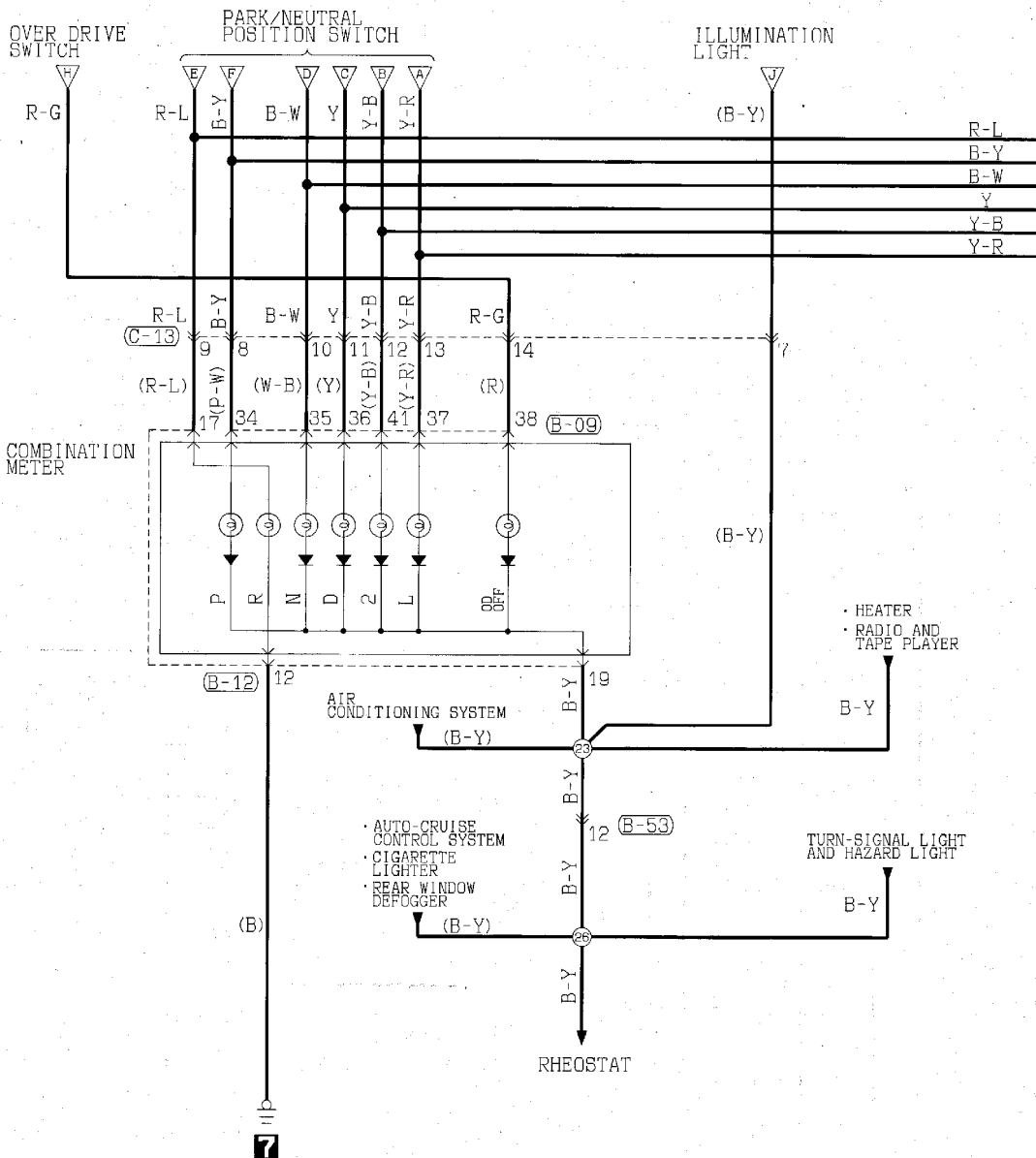
C-11

1	2
3	4
5	6

C-13

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

ELC 4-SPEED AUTOMATIC TRANSAXLE <FROM 1994 MODELS> (CONTINUED)



(B-09)

3	1	2	3	4	5	6	7	8	9	10	11	12
43												
44	45	46	47	48	49	50	51	52	53	54	55	

(B-12)

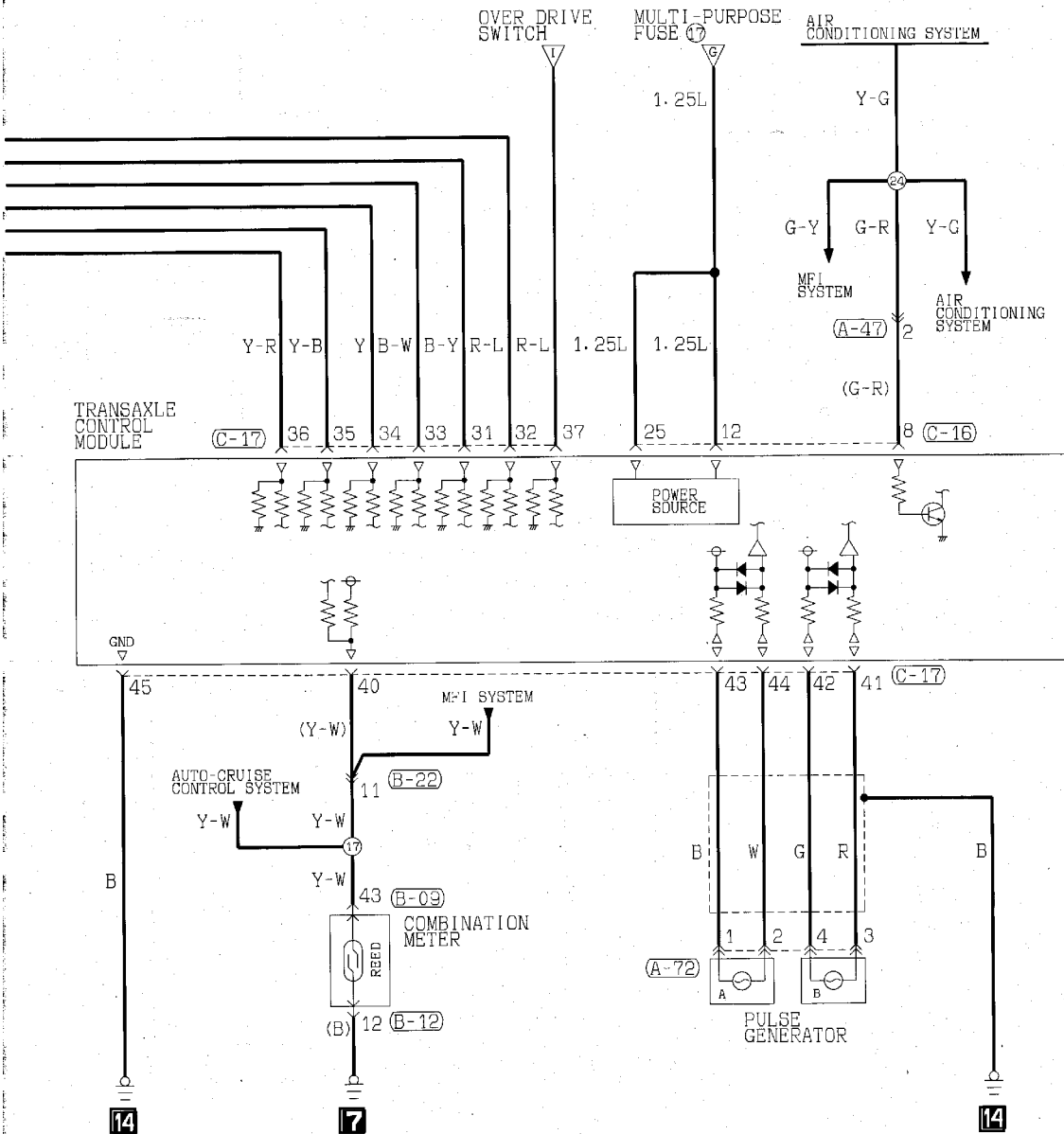
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13											
14	15	16	17	18	19	20	21	22	23	24	25

(B-53)

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

(C-13)

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



(A-47)

1	2	3	4
5	6	7	8

(A-72)

1	2
---	---

(B-09)

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

(B-12)

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

(B-22)

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

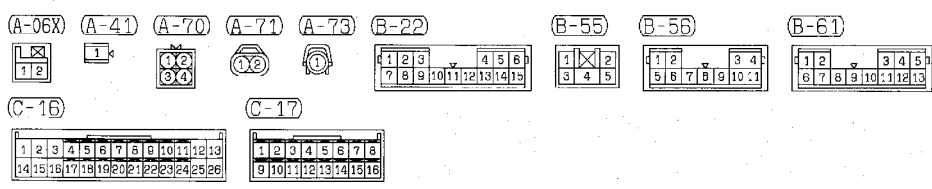
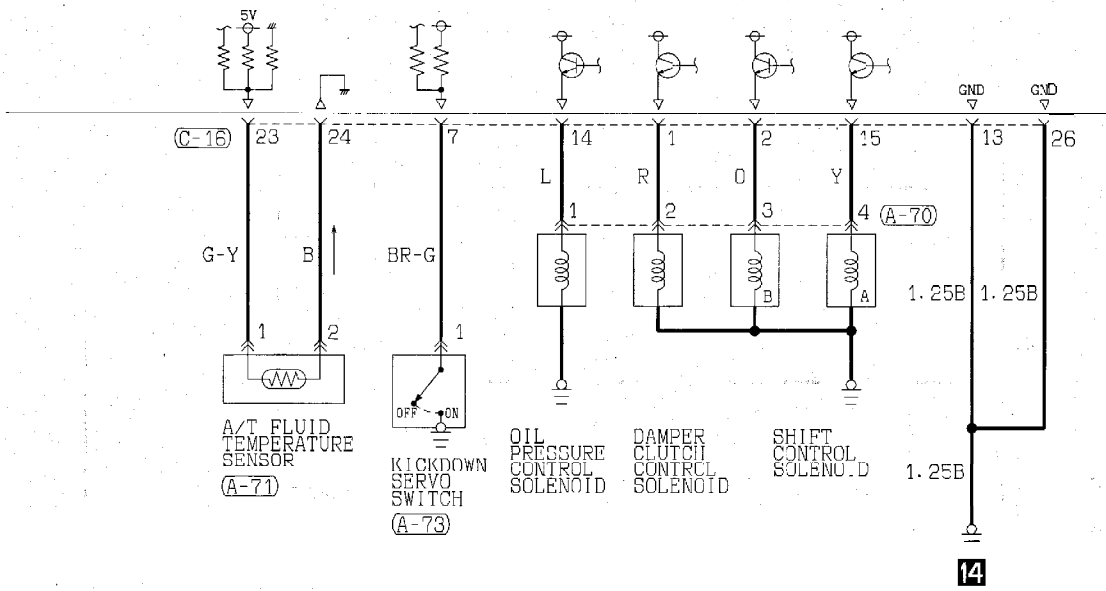
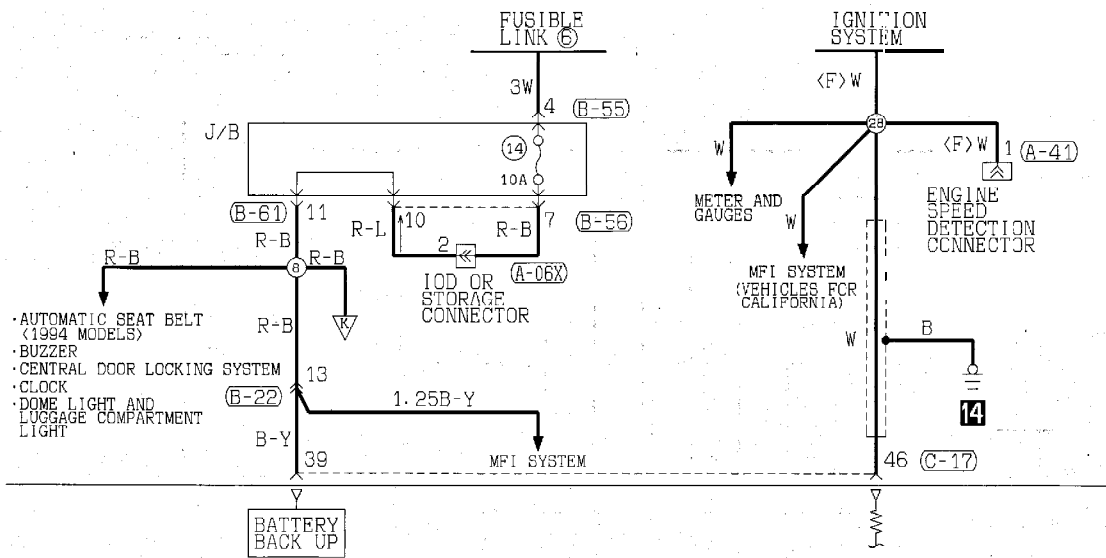
(C-16)

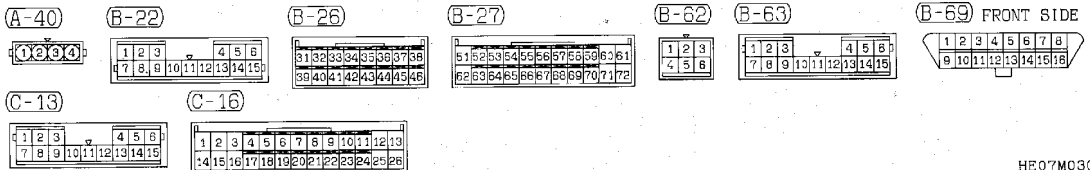
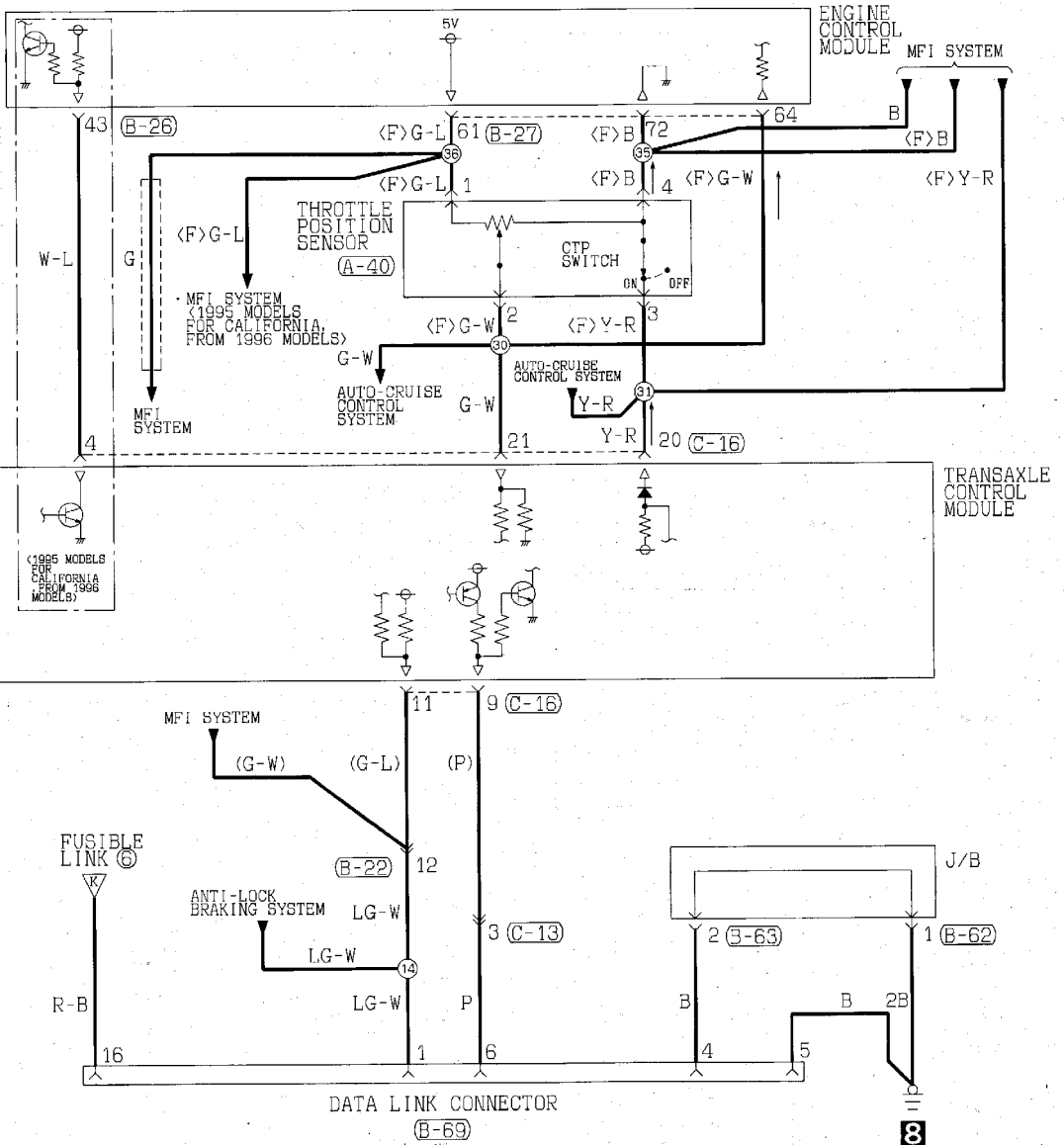
1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

(C-17)

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

ELC 4-SPEED AUTOMATIC TRANSAXLE <FROM 1994 MODELS> (CONTINUED)

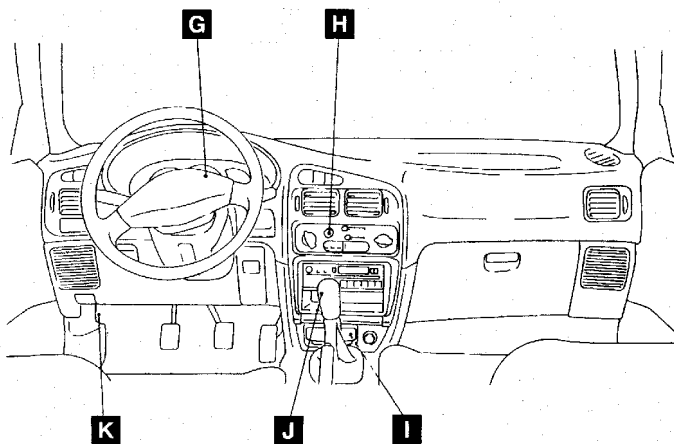
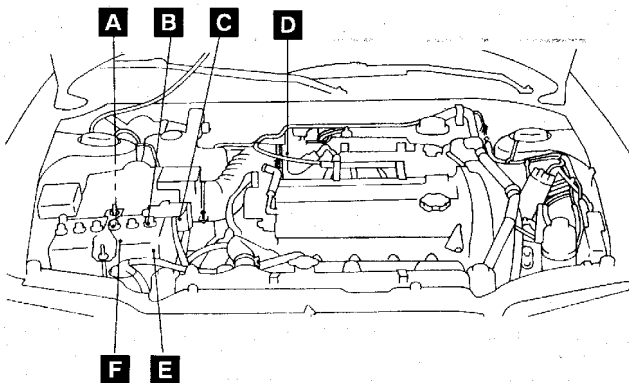


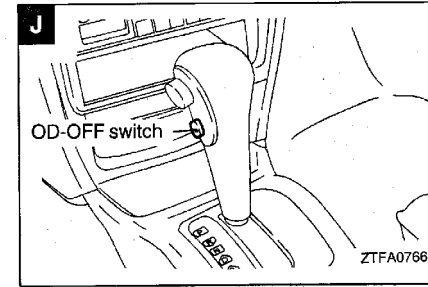
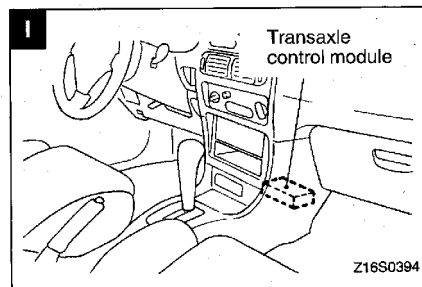
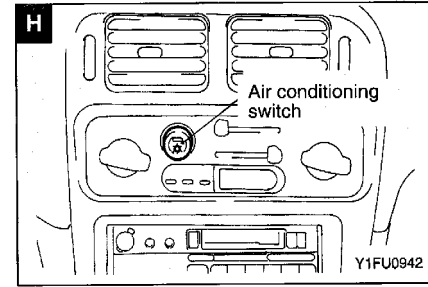
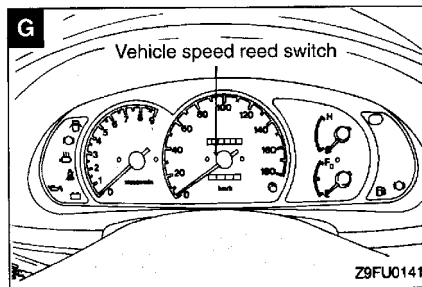
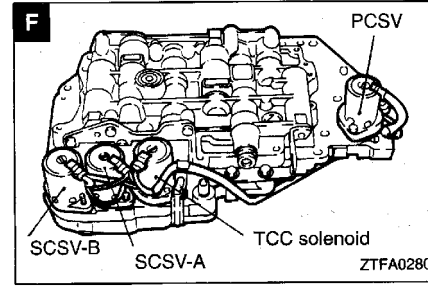
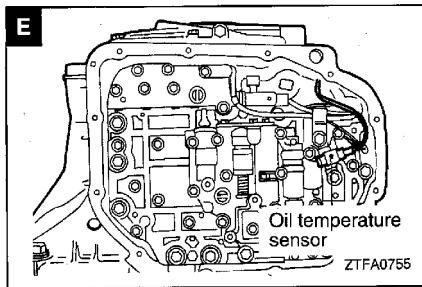
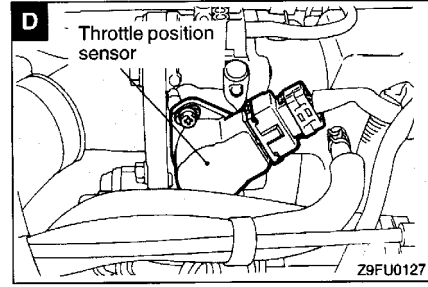
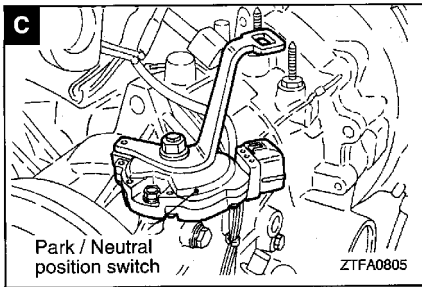
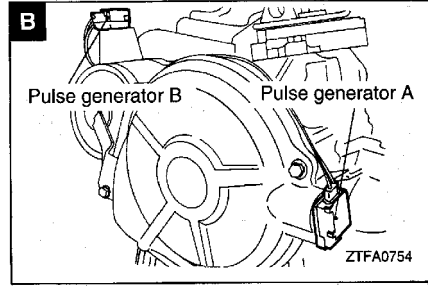
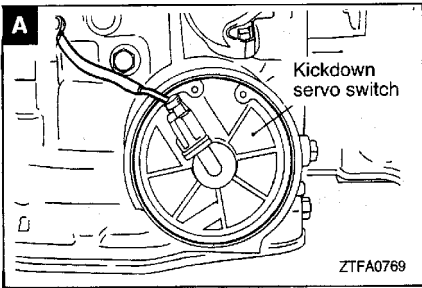


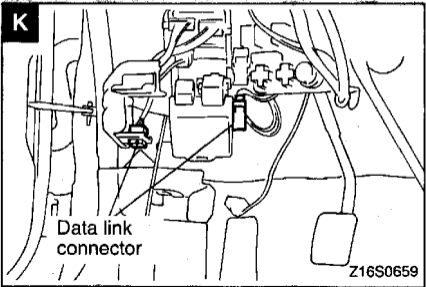
COMPONENT LOCATION

110003581

Name	Symbol	Name	Symbol
Air conditioning switch	H	Pulse generator A and B	B
Data link connector	K	Solenoid valves	F
Kickdown servo switch	A	Throttle position sensor (With built-in closed throttle position switch)	D
OD-OFF switch	J	Transaxle control module	I
Oil temperature sensor	E	Vehicle speed reed switch	G
Park / Neutral position switch	C		





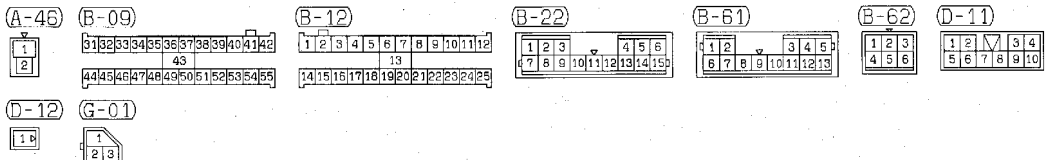
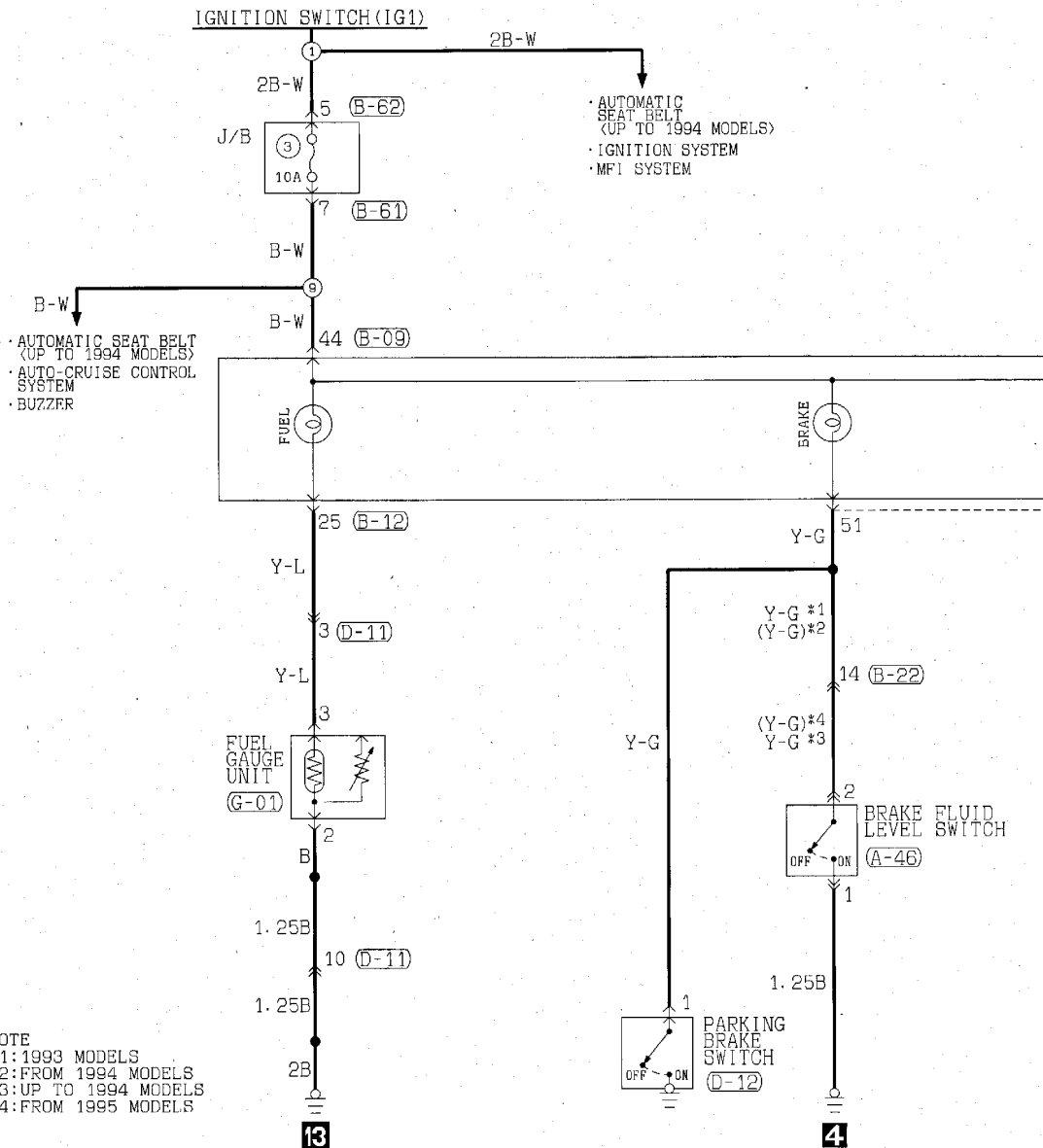


FUEL WARNING LIGHT, BRAKE WARNING LIGHT AND OIL PRESSURE WARNING LIGHT

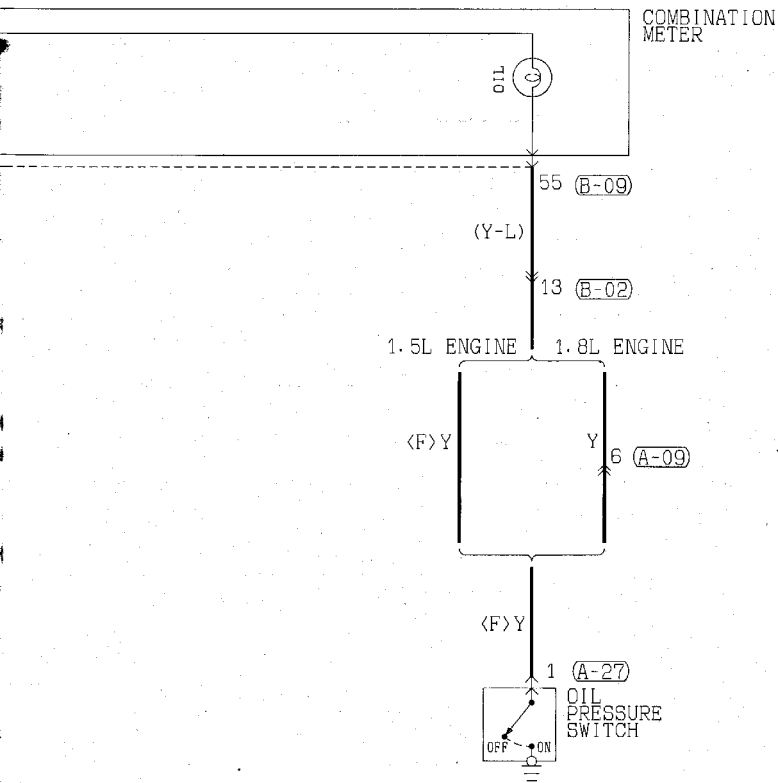
11000358

FUEL WARNING LIGHT

BRAKE WARNING LIGHT



OIL PRESSURE WARNING LIGHT



A-09

A-27

B-02

B-09

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

1R

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

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

44	45	46	47	48	49	50	51	52	53	54	55
----	----	----	----	----	----	----	----	----	----	----	----

OPERATION

110003583

<Fuel warning light>

- When the fuel level goes down causing the level sensor to be exposed, with the ignition switch in the ON position, the resistance of level sensor becomes small. When this resistance goes down below the predetermined level, the fuel warning light lights up to warn the driver that the amount of fuel still available for use is small.

<Brake warning light>

- When the brake fluid level goes down below a predetermined level or parking brake lever is pulled, with the ignition switch in the ON position, the brake fluid level sensor is activated or the parking brake switch is turned ON, causing the brake warning light to light up.

<Oil pressure warning light>

- When the lubrication system fails after engine starting, resulting in the oil pressure failing to build up, the oil pressure switch turns ON causing the oil pressure warning light to light up.

POWER WINDOWS <4-DOOR MODELS ONLY>**OPERATION**

110003584

- When the power window (main or sub) switch is depressed (UP or DOWN) with the ignition switch in the ON position, current flows through fusible link No. 7 to the power window motor. This energizes the power window motor causing the door window glass to open or close.
- When the DOWN side of the power window main switch (driver's seat side switch) is depressed all the way, it is locked in the depressed position and the power window motor is operated until the door glass is fully opened.
- When the power window lock switch is placed in the LOCK (OFF) position, operating a switch other than the ones for the driver's side window (main) does not cause the power window motor to be operated.
- The power window motor is provided with a circuit breaker that protects the motor from damage caused by overcurrent.
Reference: Circuit breaker characteristics
Restricts the motor at room temperature [20 to 25°C (68 to 77°F)];
Opens following 4-to-40-sec. initial energization time;
Resets with 60 seconds if left open thereafter.

TROUBLESHOOTING HINTS

1. All door glasses cannot be opened or closed.
 - Check fusible link No. 7.
 - Check multi-purpose fuse No. 15.
 - Check power window relay.
 - Check power window main switch.
2. Some door glass cannot be opened or closed.
 - 1) Neither power window main nor sub switch is activated.
 - Check power window main switch.
 - Check defective power window motor.
 - 2) Either power window main or sub switch is inoperative.
 - Check inoperative power window switch.
3. One-touch switch function is not operational.
 - Replace power window main switch.

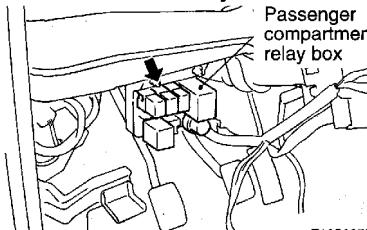
COMPONENT LOCATION

110003585

Power window relay

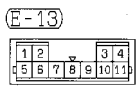
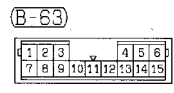
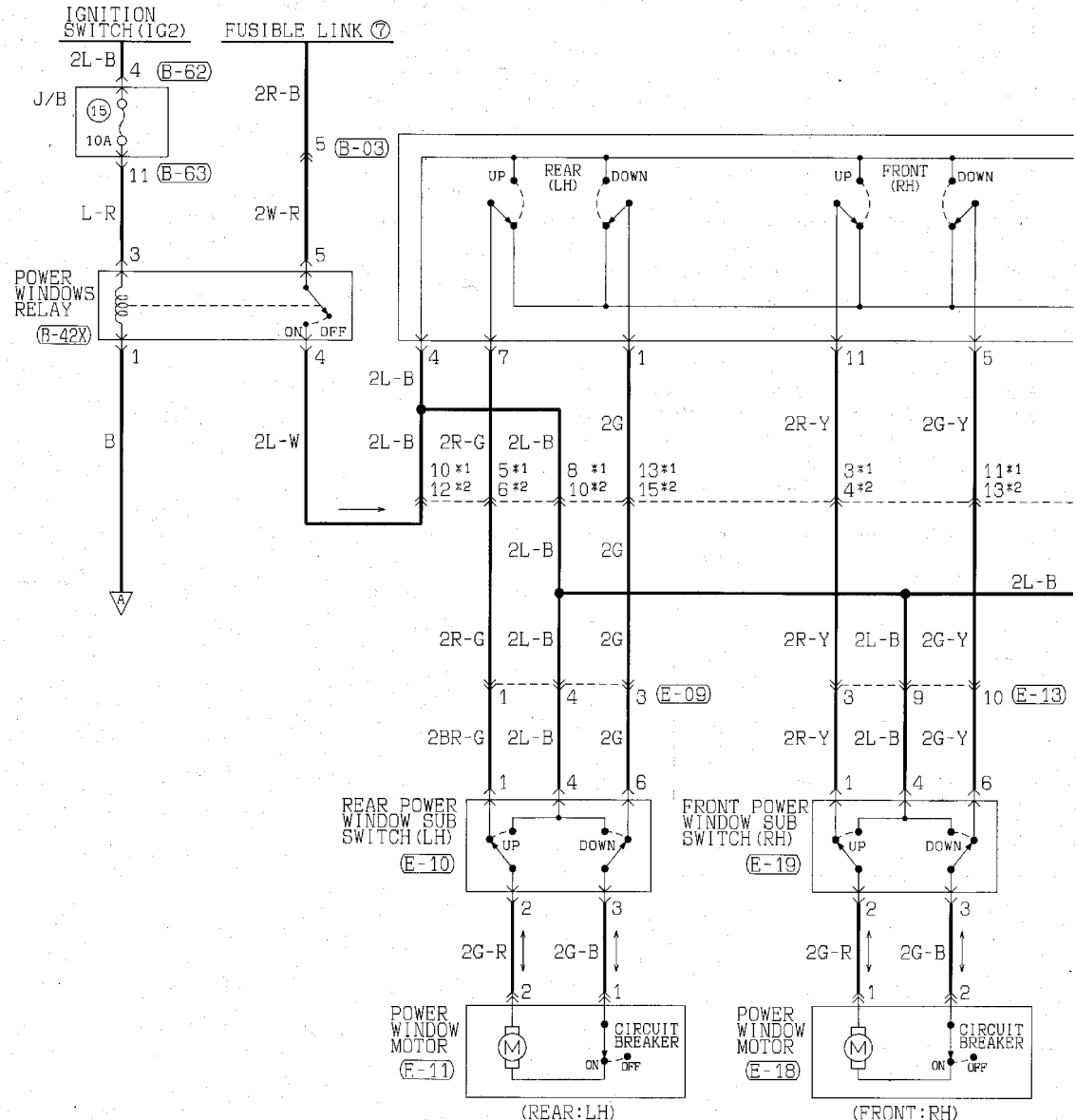
Passenger
compartment
relay box

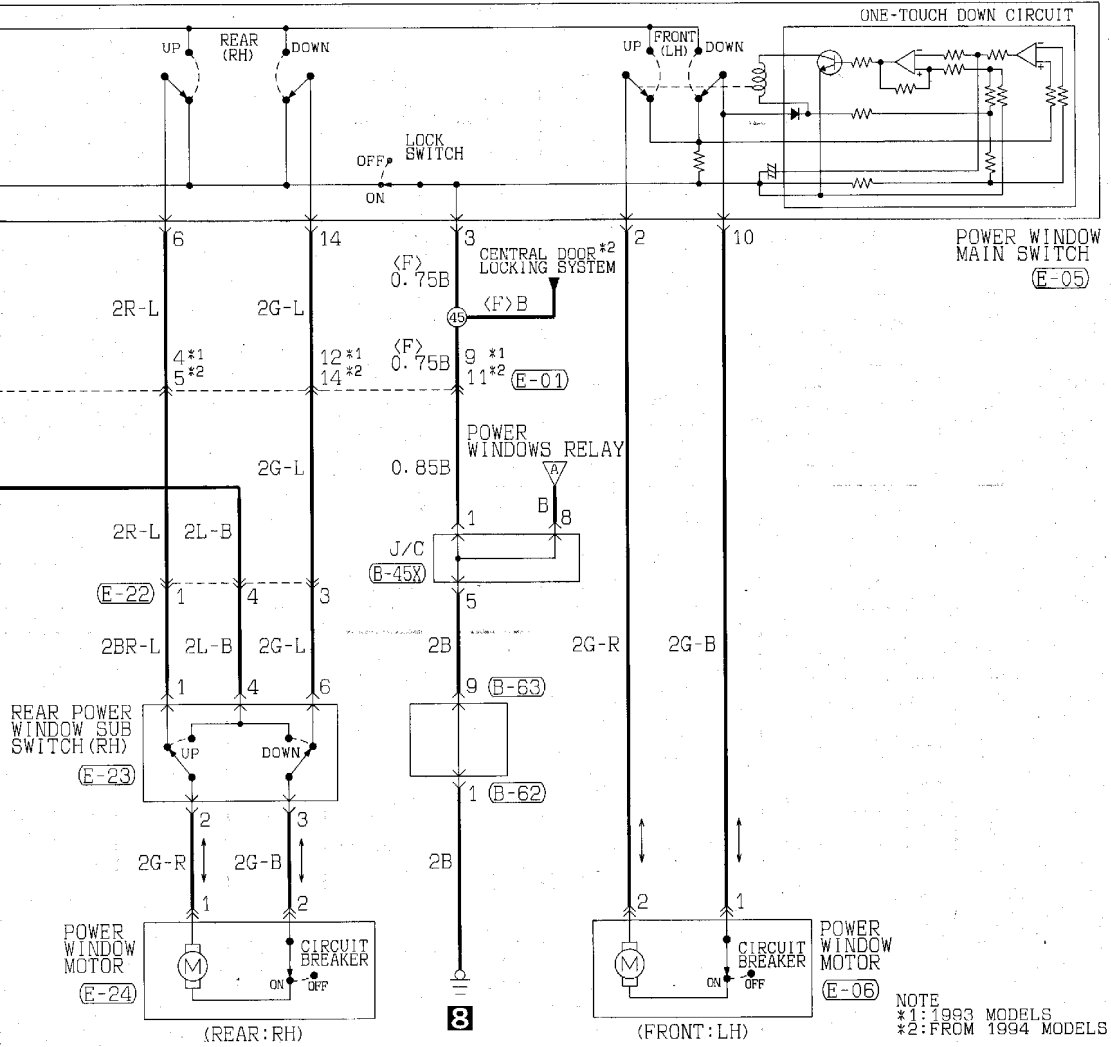
Z16S0359



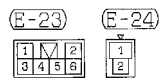
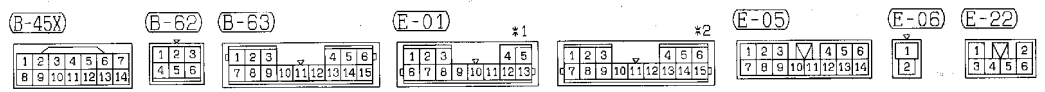
POWER WINDOWS <4-DOOR MODELS ONLY>

110003586



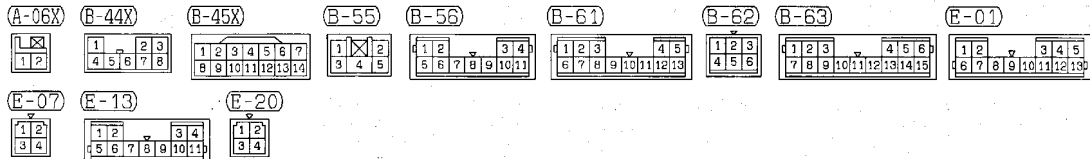
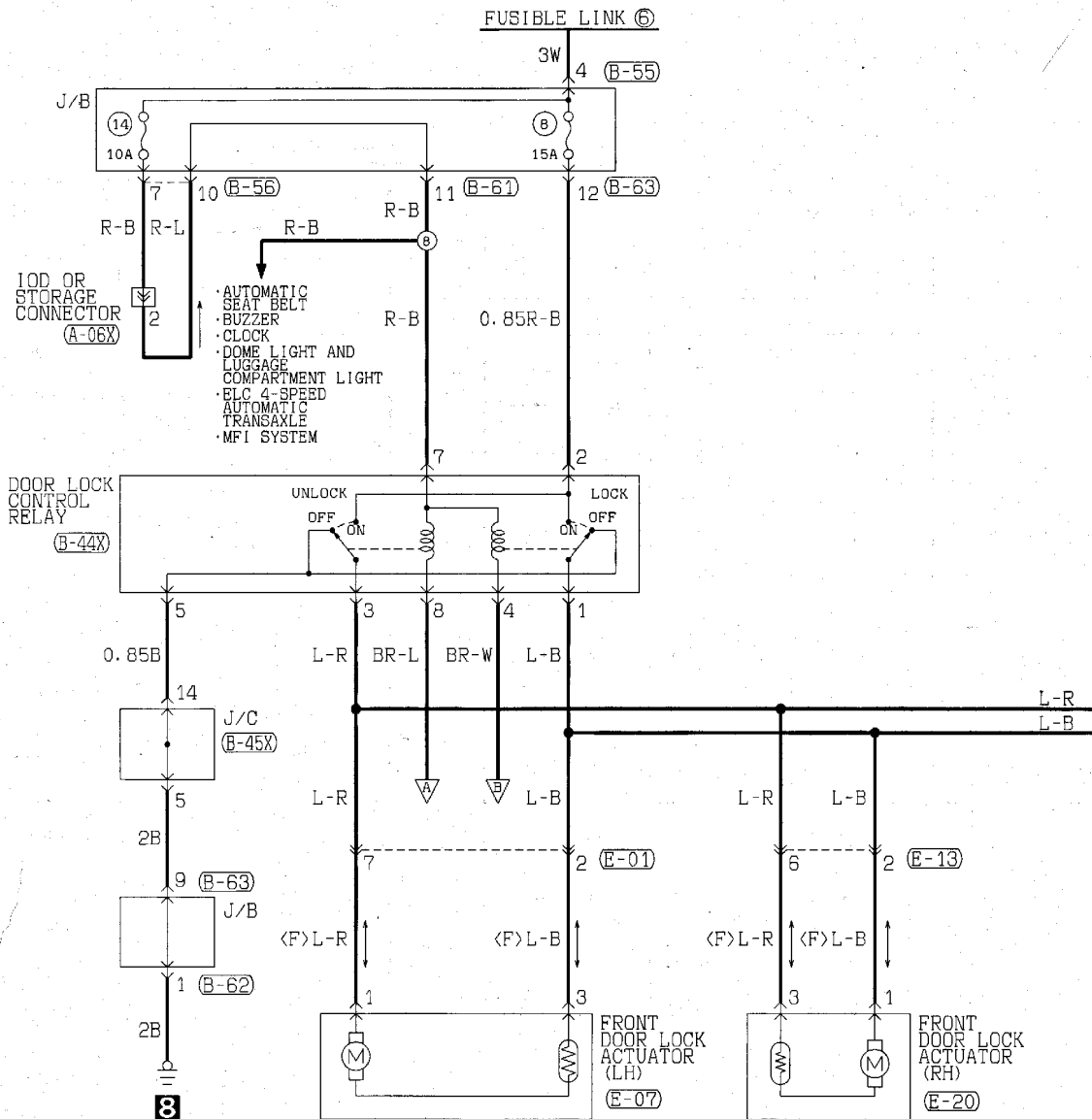


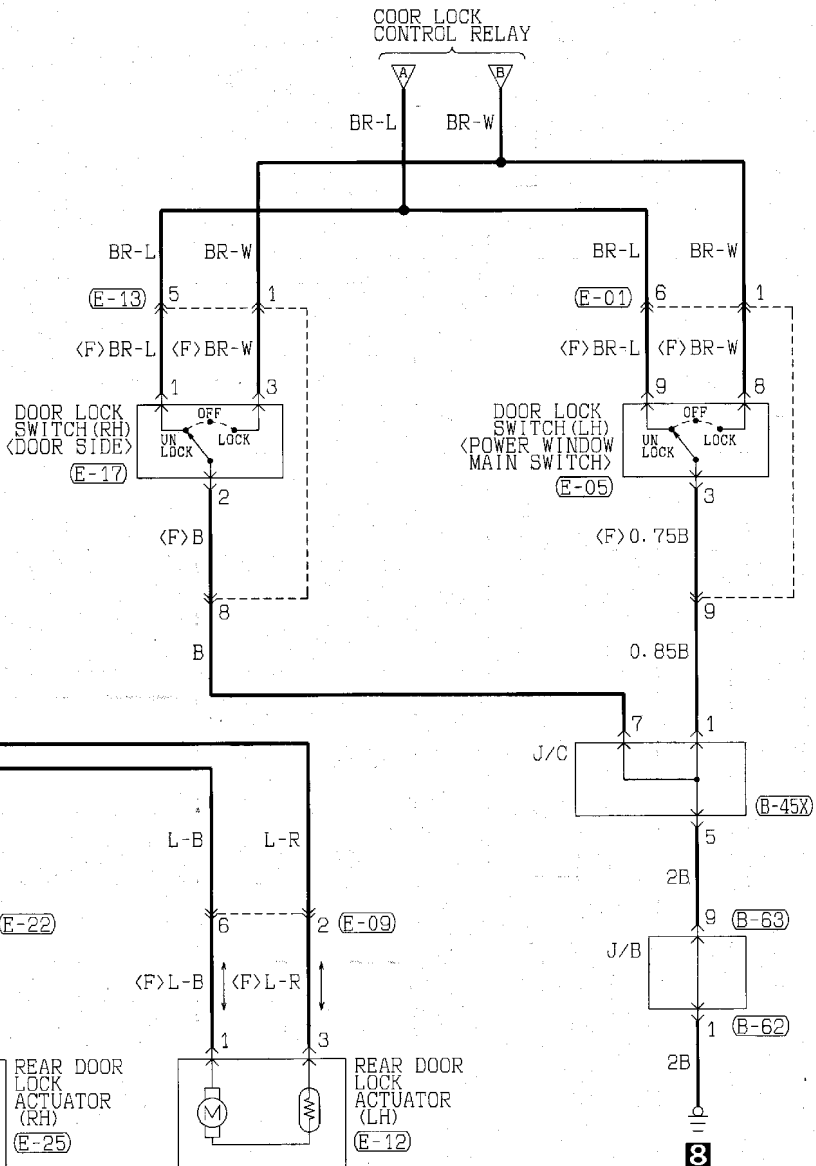
NOTE
 *1: 1993 MODELS
 *2: FROM 1994 MODELS



CENTRAL DOOR LOCKING SYSTEM <4-DOOR MODELS ONLY-1993 MODELS>

110003587





- (B-45X)

1	2	3	4	5	6	7
8	9	10	11	12	13	14
- (B-62)

1	2	3
4	5	6
- (B-63)

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
- (E-01)

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
- (E-05)

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
- (E-09)

1	2
3	4
- (E-12)

1	2
3	4
- (E-13)

1	2	3	4
5	6	7	8
9	10	11	12
- (E-17)

1	2	3
---	---	---
- (E-22)

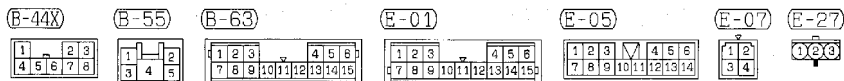
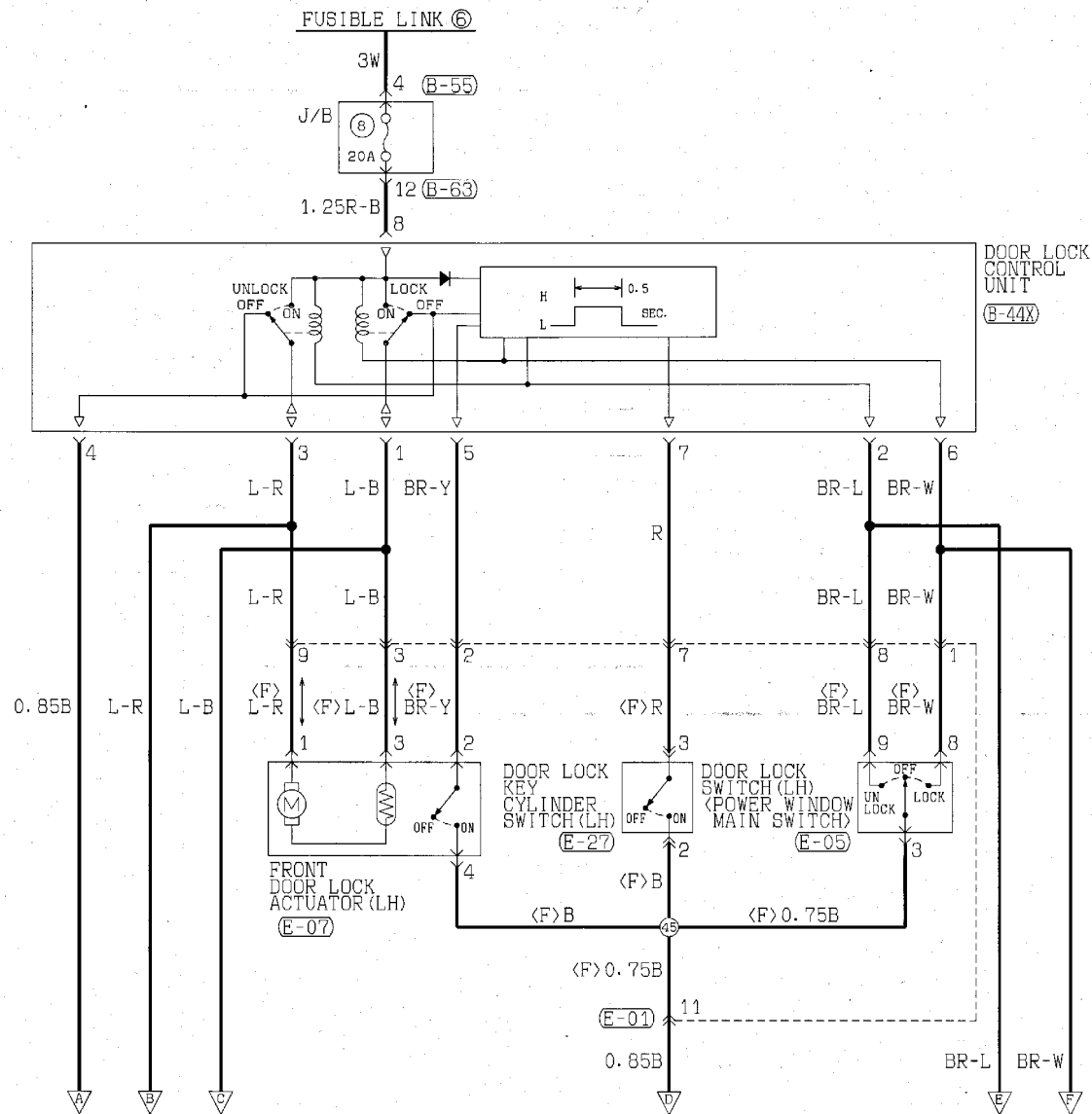
1	2
3	4
- (E-25)

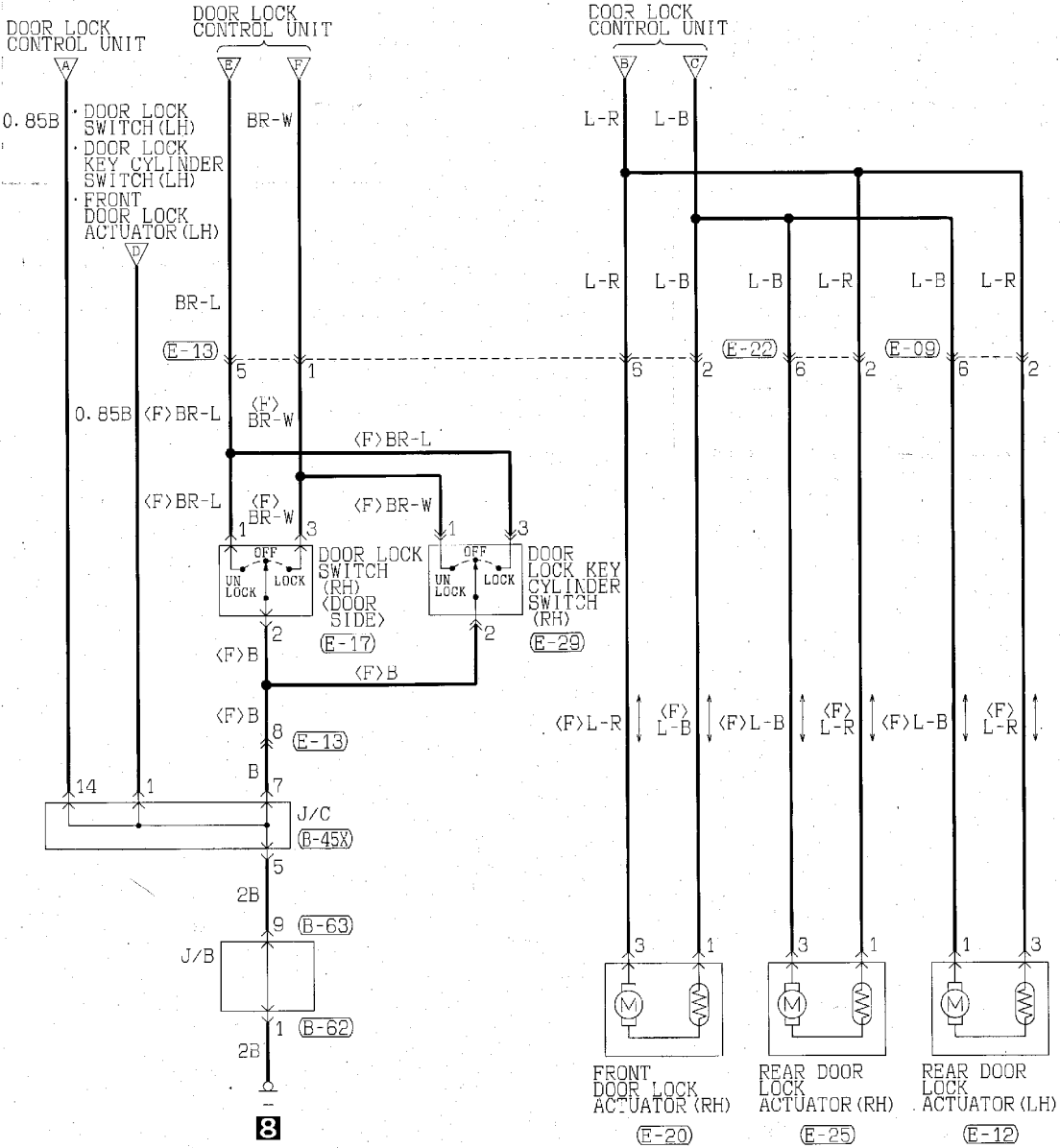
1	2
3	4

CENTRAL DOOR LOCKING SYSTEM

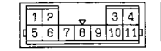
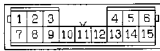
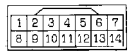
<4-DOOR MODELS ONLY-FROM 1994 MODELS>

110003588





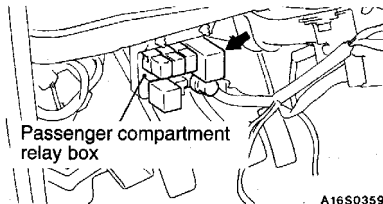
- B-45X
- B-62
- B-63
- E-09
- E-12
- E-13
- E-17
- E-20
- E-22
- E-25
- E-12
- E-29



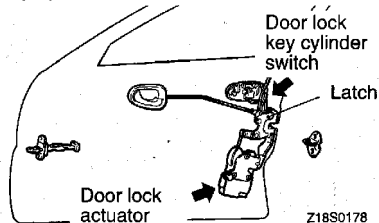
COMPONENT LOCATION

110003589

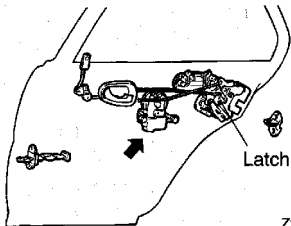
Door lock control relay <1993 models>
 Door lock control unit
 <From 1994 models>



Front door lock actuator and door lock key cylinder switch <From 1994 models>



Rear door lock actuator



NOTE

The RH side door lock actuator and door lock key cylinder switch is shown.

HEATER

OPERATION

110003590

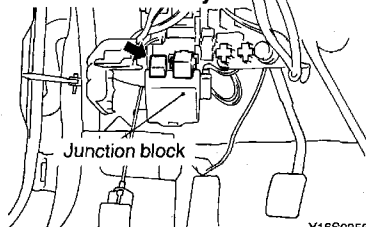
- When the ignition switch is turned ON, the blower relay is energized. If the blower switch is turned ON (LO, ML, MH, or HI position) in this condition, the blower is activated through the circuit via resistor at a speed corresponding to the blower switch position.

TROUBLESHOOTING HINTS

1. Blower motor is energized at one switch position and not energized at another.
 - Check harness and connectors between defective switch position and resistor (or blower motor in HI position).
2. Blower motor is energized only when switch is positioned in HI.
 - Check resistor.
3. Blower motor speed does not represent the switch position.
 - Check blower switch.

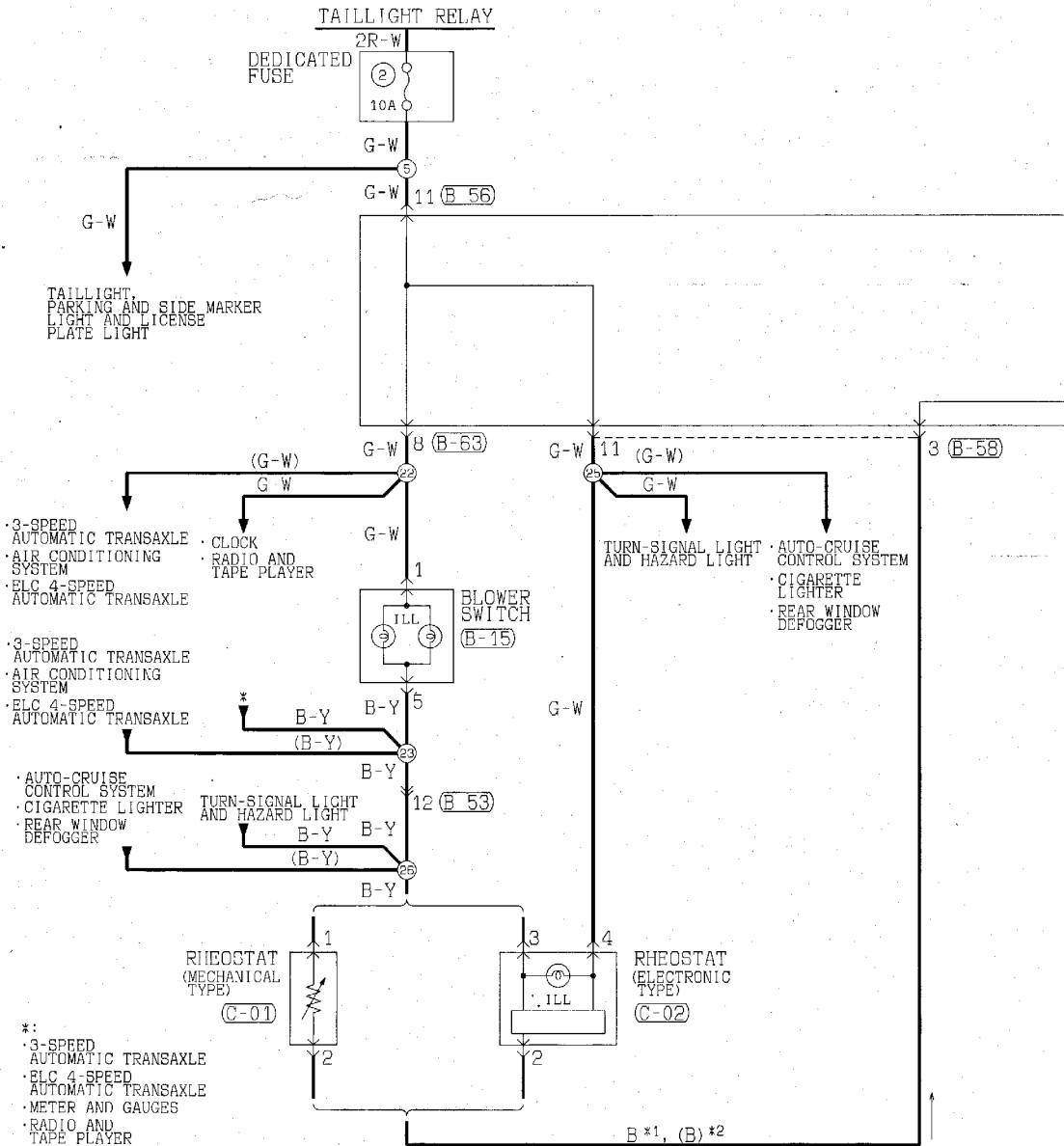
COMPONENT LOCATION

110003591

Blower motor relay

Y16S0353

HEATER



(B-15)

1	2	3	4
5	6	7	8
9	10		

(B-53)

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

(B-56)

1	2	3	4
5	6	7	8
9	10	11	

(B-58)

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

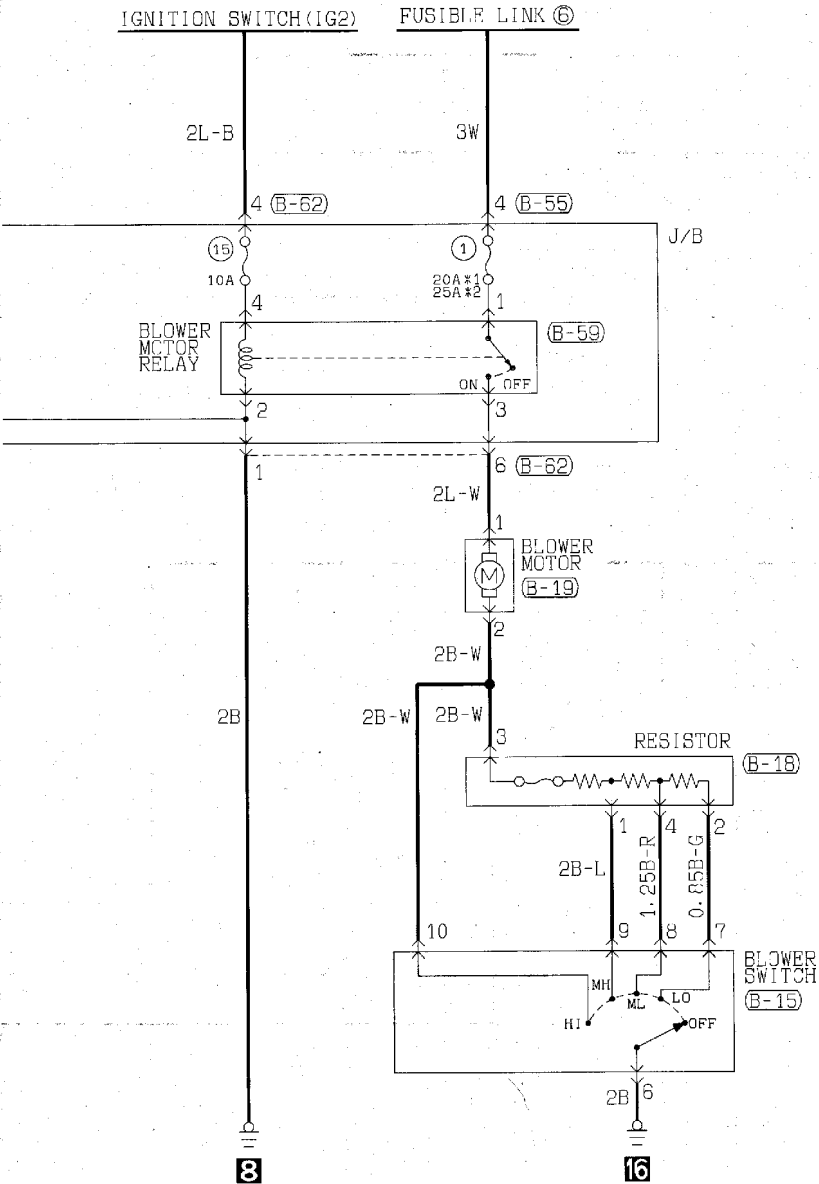
(B-63)

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

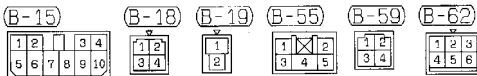
(C-01) (C-02)

1
2

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



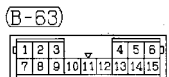
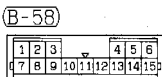
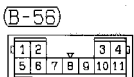
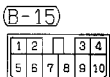
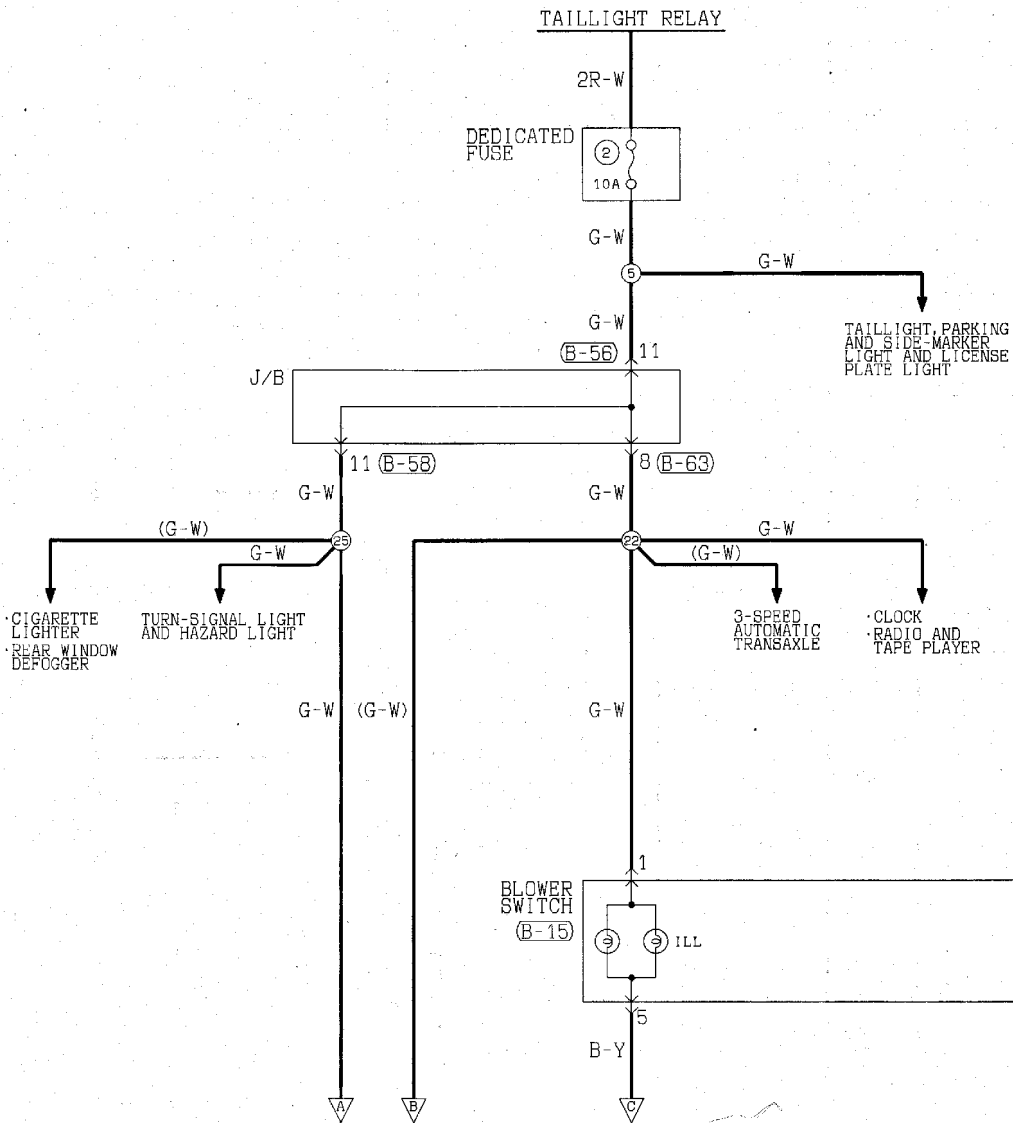
NOTE
 *1: 1993 MODELS
 *2: FROM 1994 MODELS

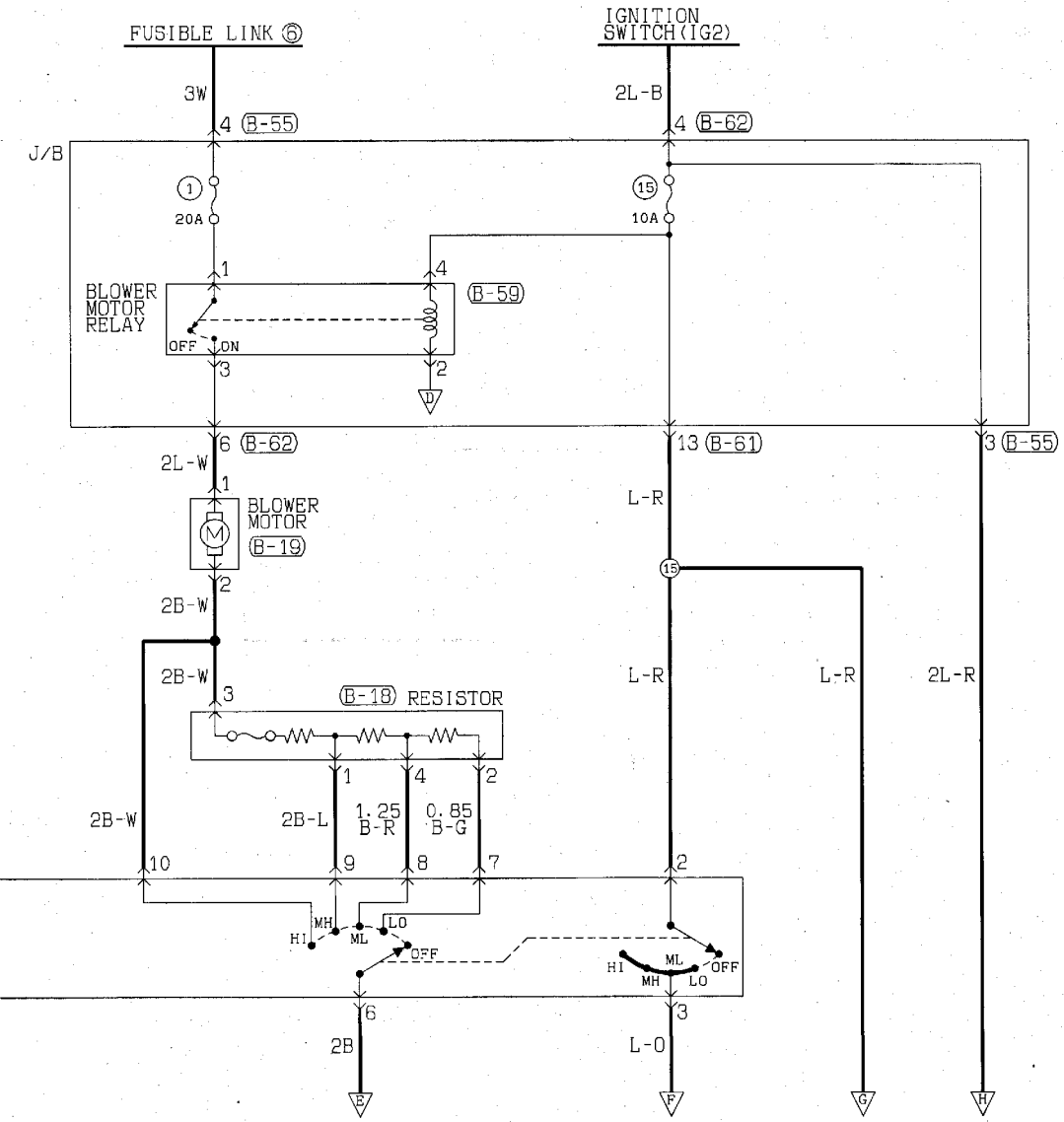


AIR CONDITIONING SYSTEM

110003593

<1.5L ENGINE-1993 MODELS>





- (B-18)

1	2
3	4
- (B-19)

1

- (B-55)

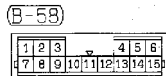
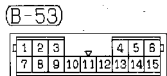
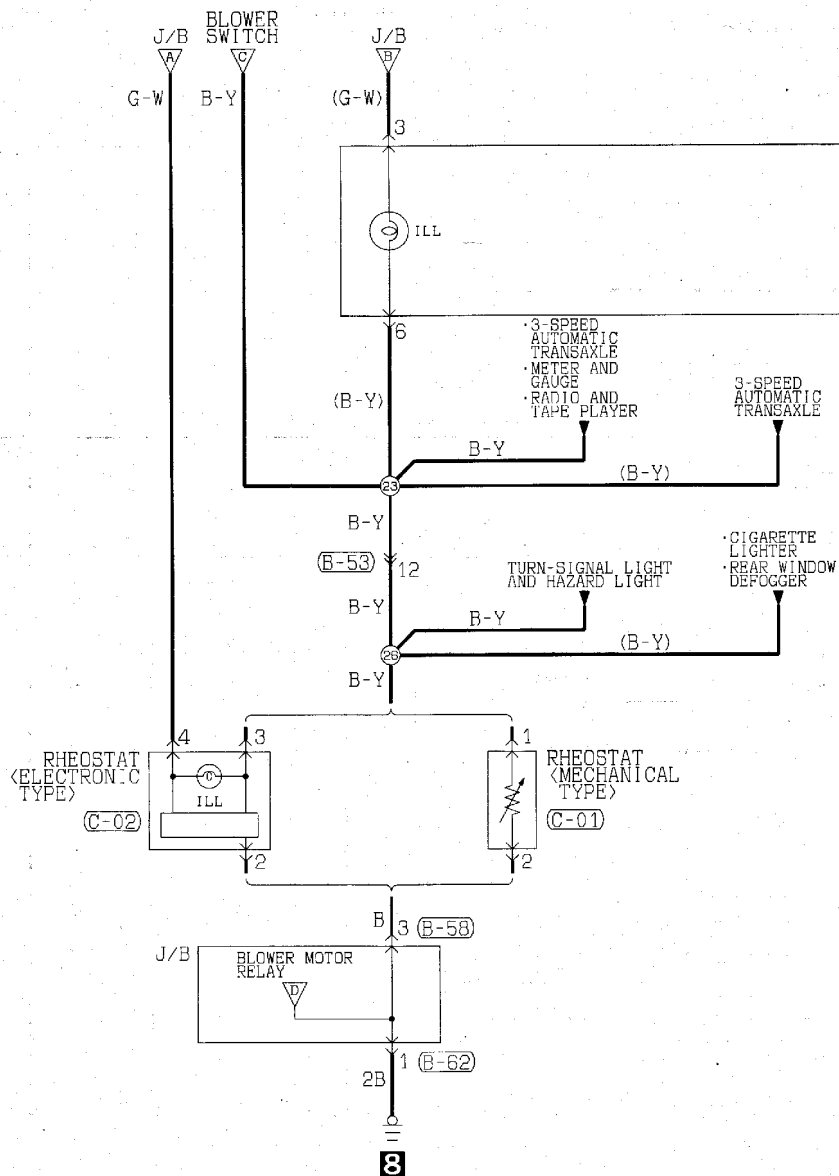
1	2
3	4
- (B-59)

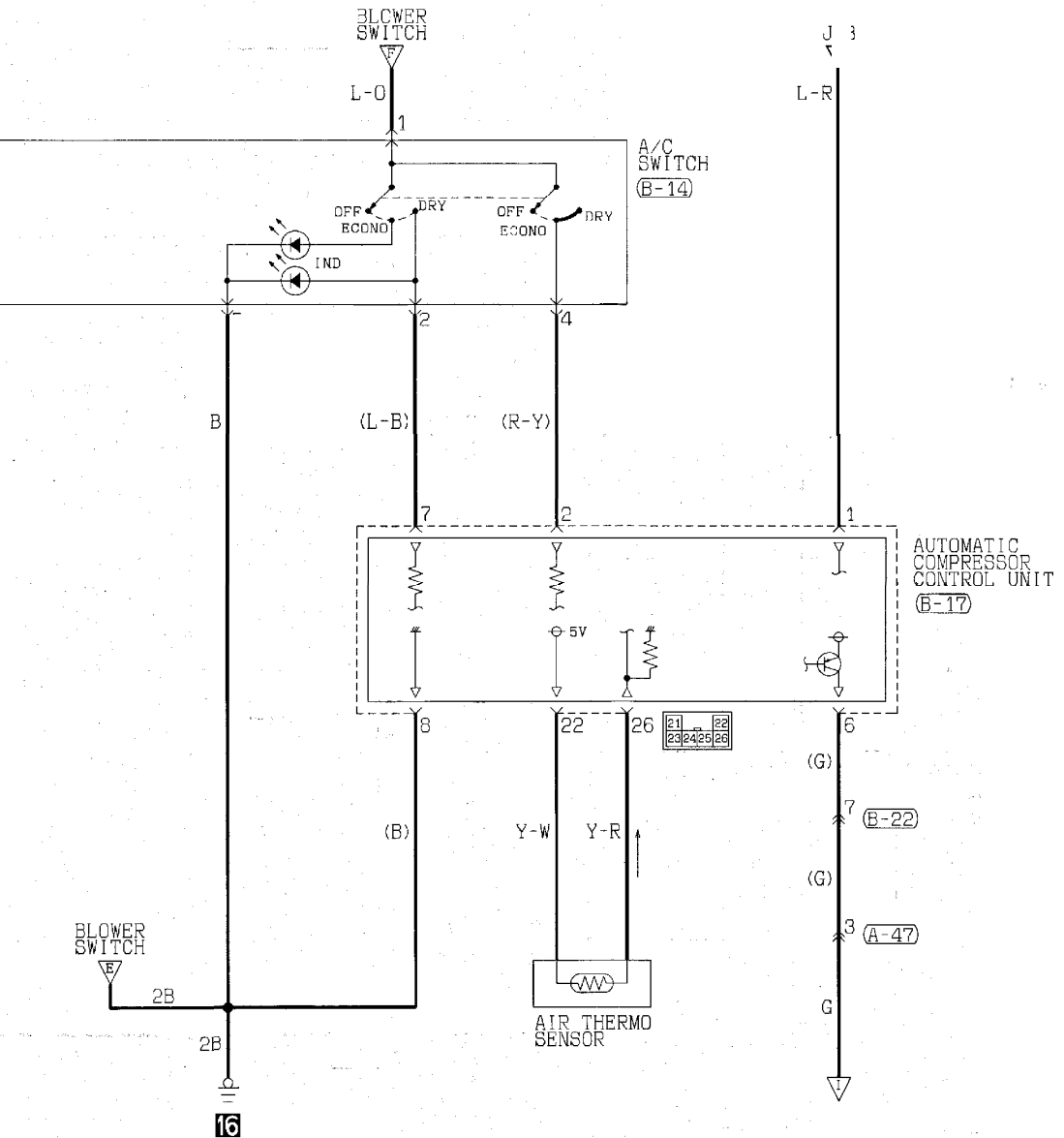
1	2
3	4
- (B-61)

1	2	3	4	5
6	7	8	9	10
11	12	13		
- (B-62)

1	2	3
4	5	6

AIR CONDITIONING SYSTEM <1.5L ENGINE-1993 MODELS> (CONTINUED)





- A-47**

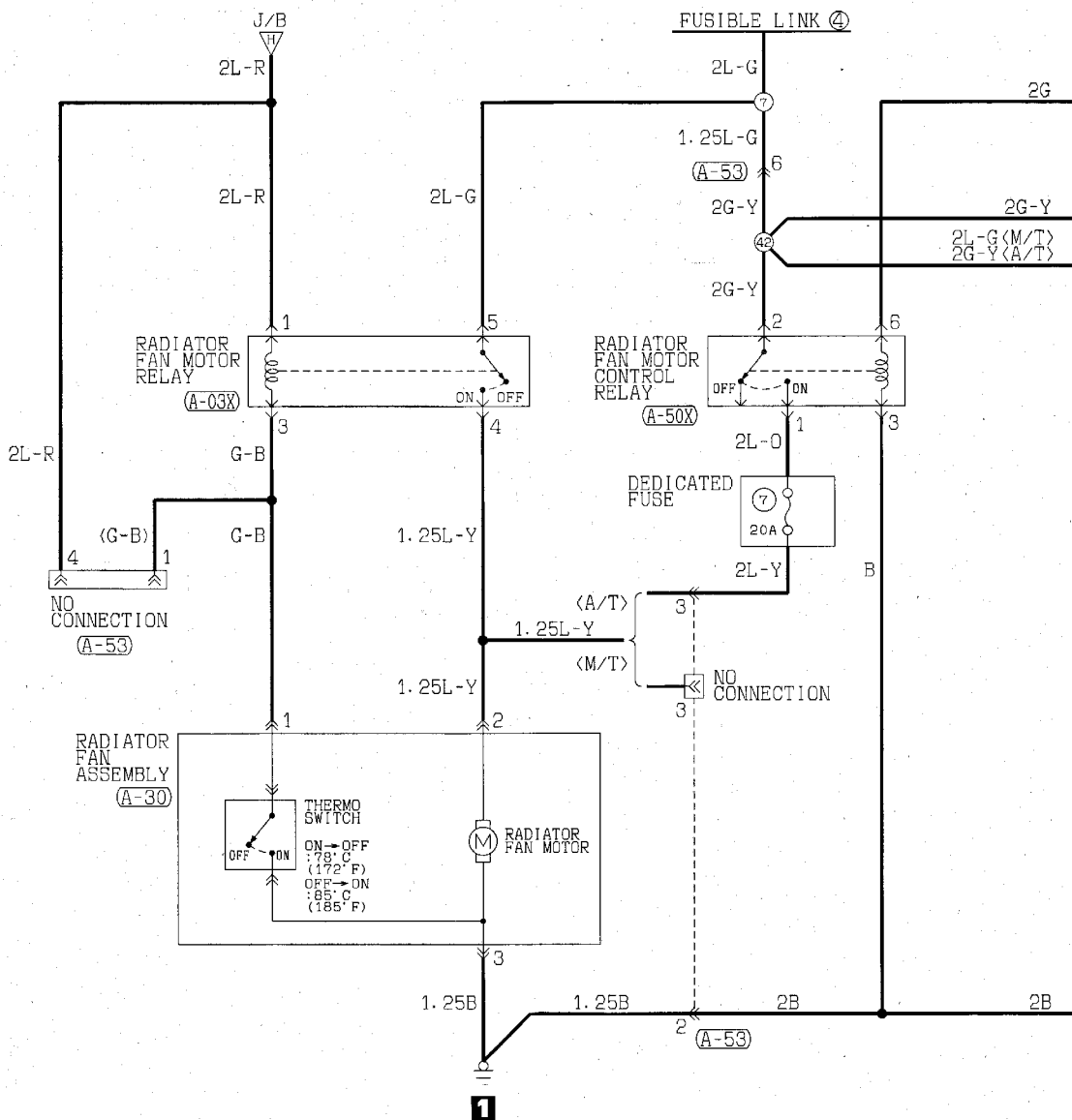
1	2
3	4
5	6
- B-14**

1	2
3	4
5	6
- B-17**

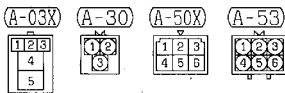
1	2	3	4	5
6	7	8	9	10
11	12			
- B-22**

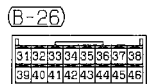
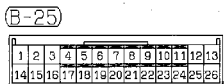
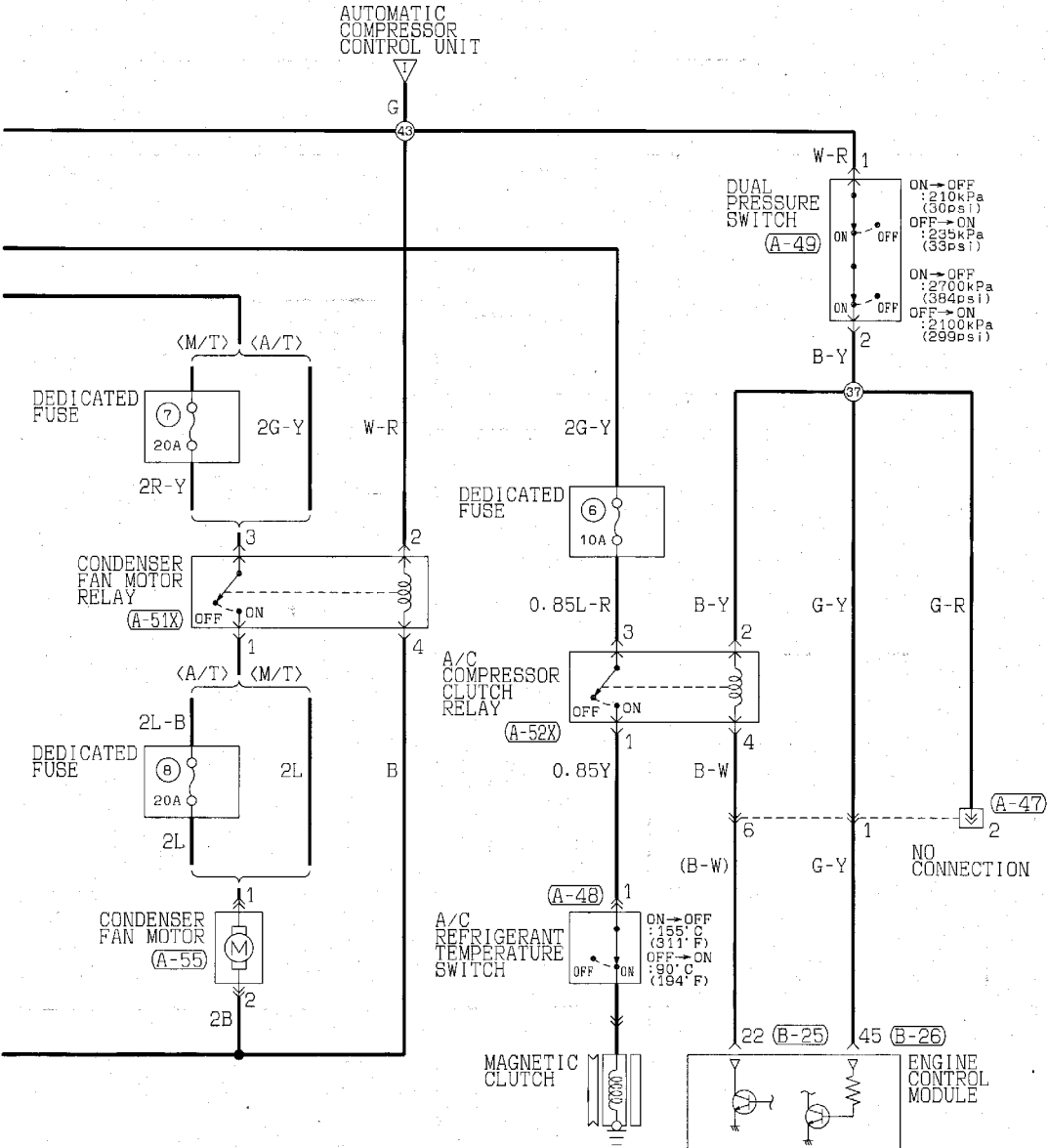
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15			

AIR CONDITIONING SYSTEM <1.5L ENGINE–1993 MODELS> (CONTINUED)



1

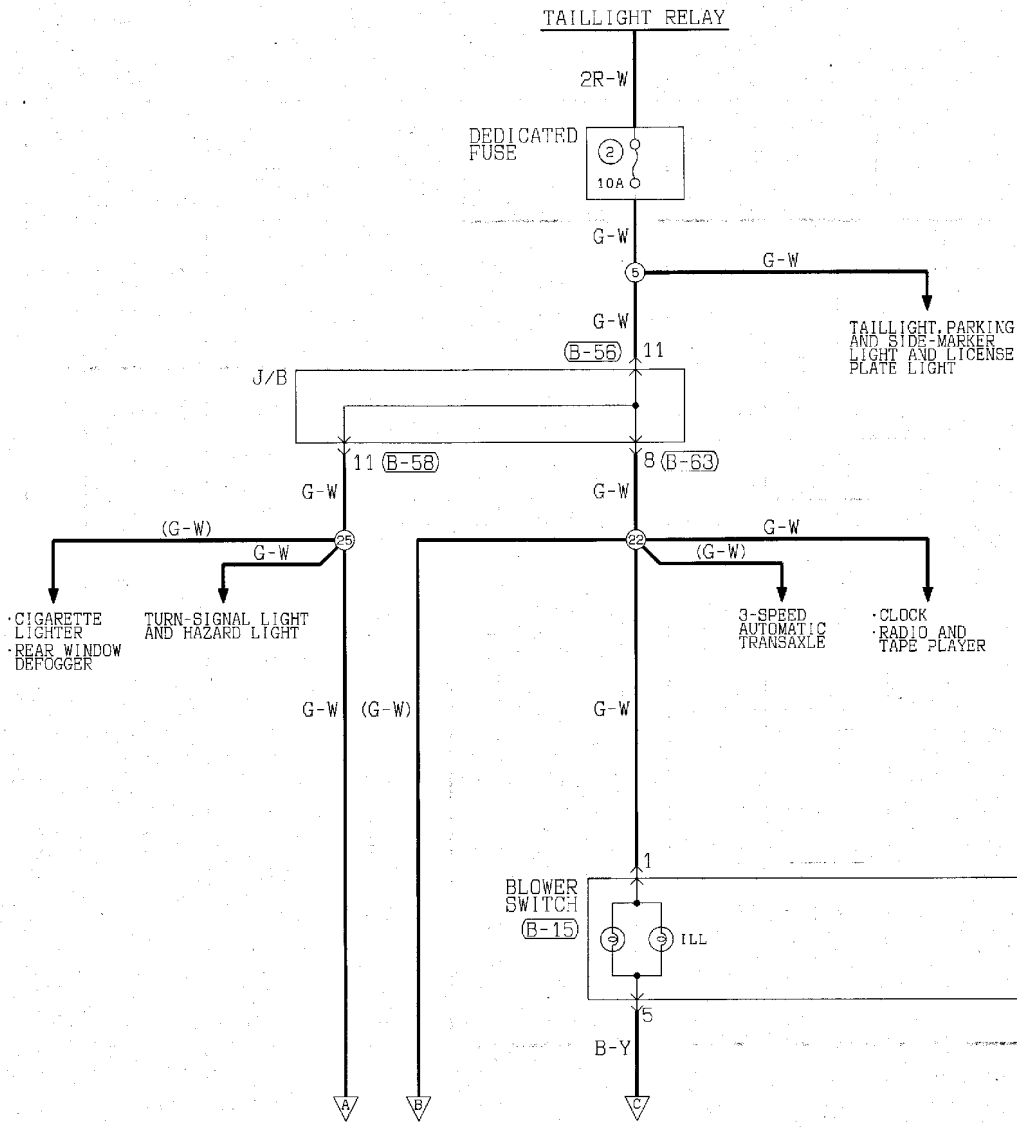




AIR CONDITIONING SYSTEM

11000359

<1.5L ENGINE-FROM 1994 MODELS>



(B-15)

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

(B-56)

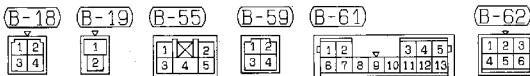
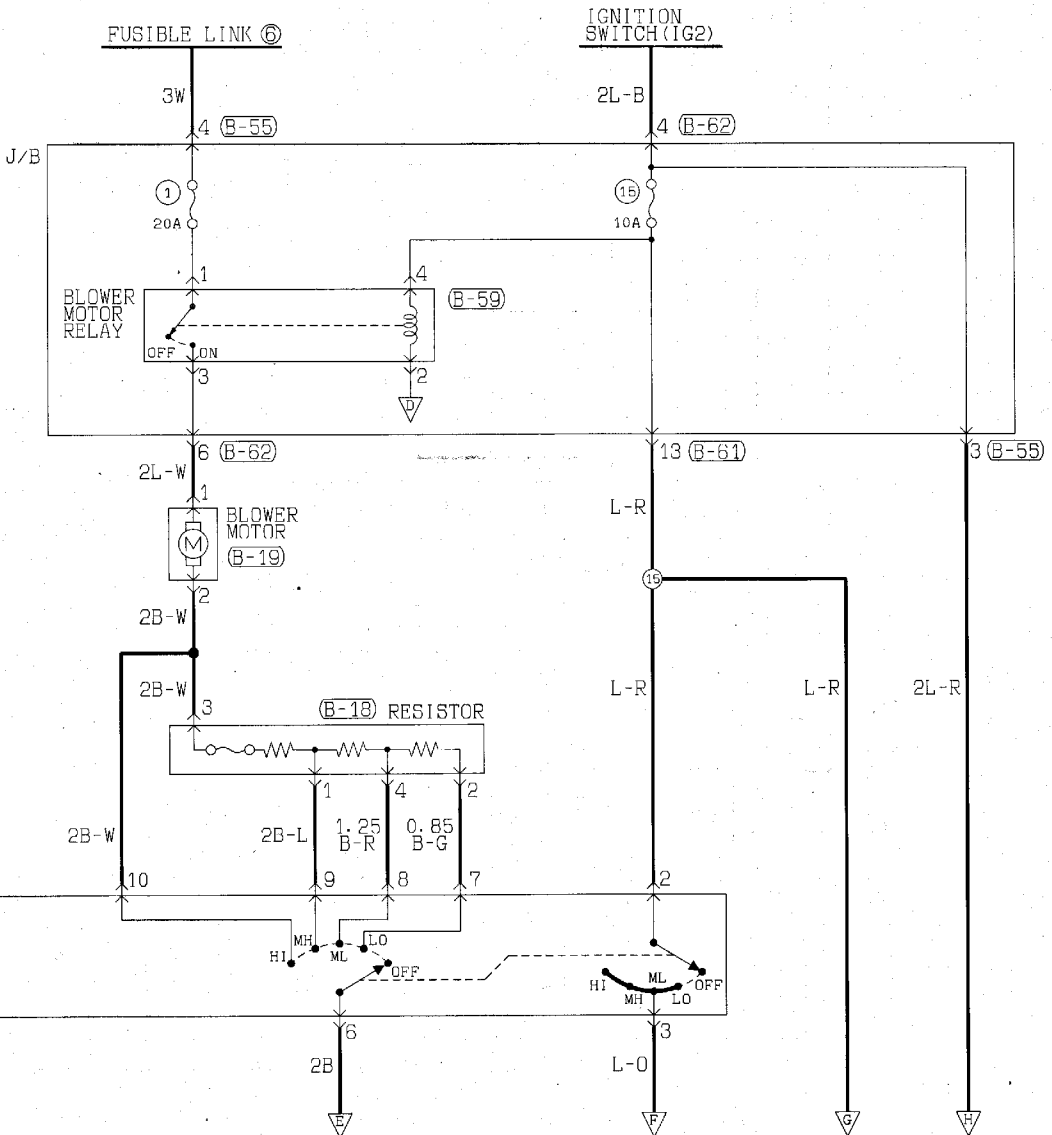
1	2	3	4
5	6	7	8
9	10	11	12

(B-58)

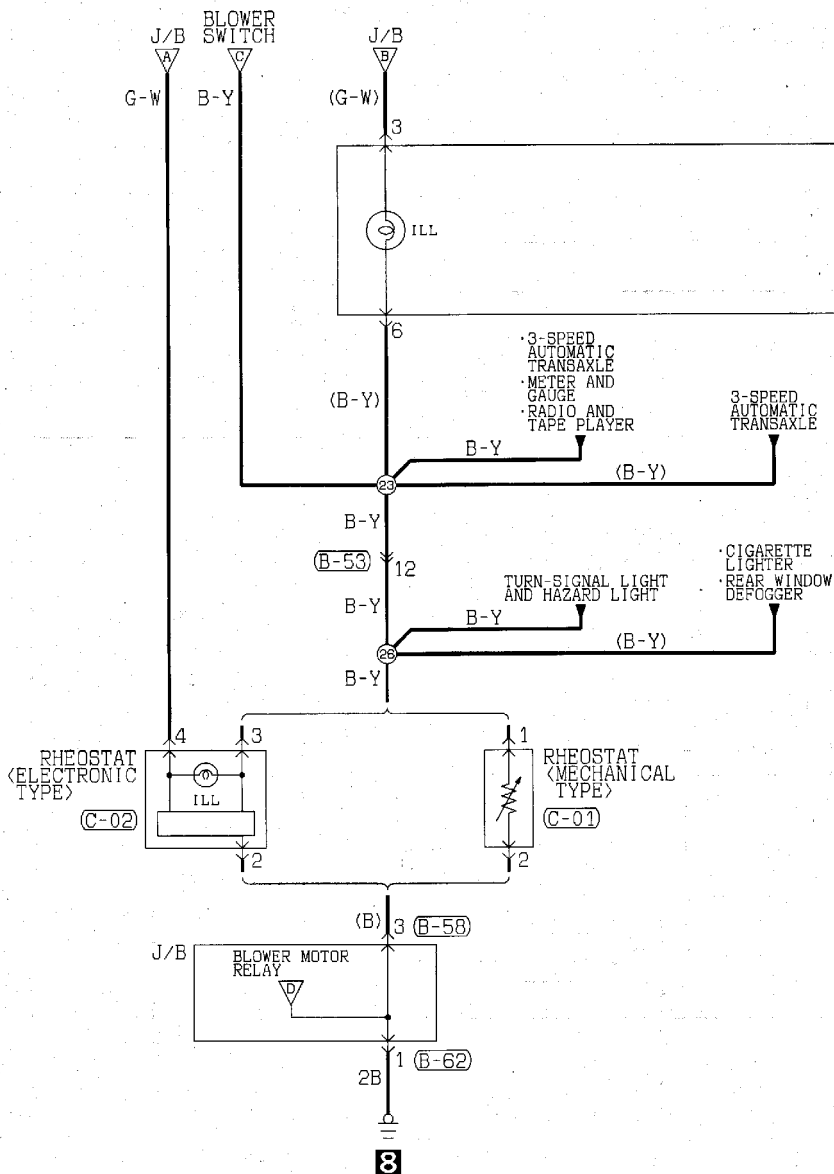
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16

(B-63)

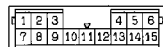
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16



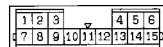
AIR CONDITINING SYSTEM <1.5L ENGINE–FROM 1994 MODELS> (CONTINUED)



(B-53)



(B-58)



(B-62)

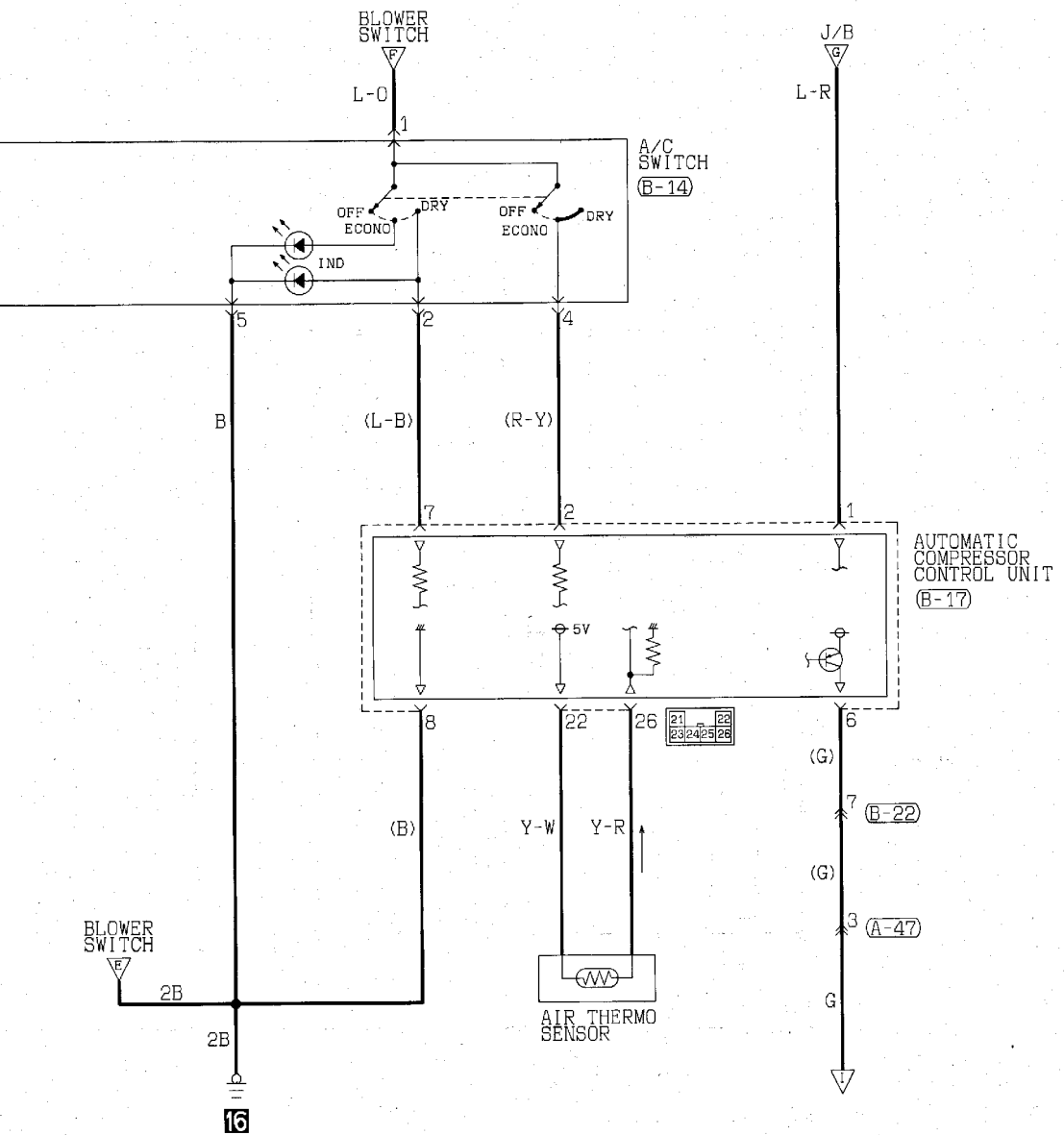


(C-01)



(C-02)





A-47

B-14

B-17

B-22

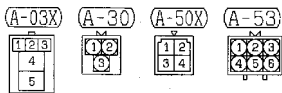
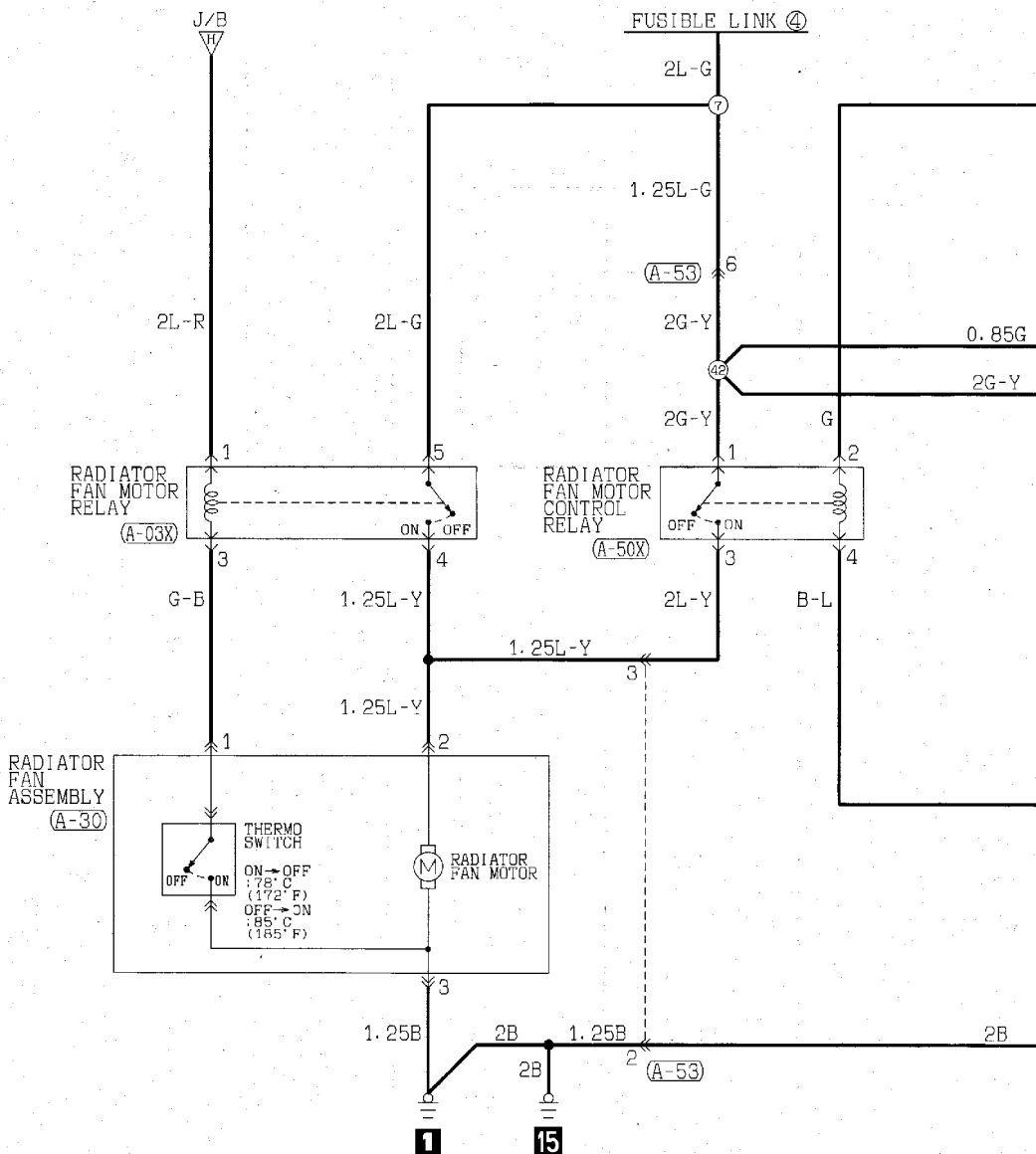
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15

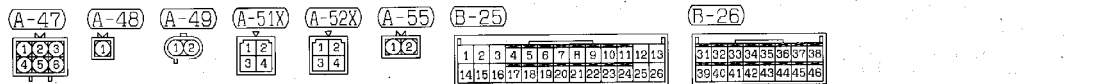
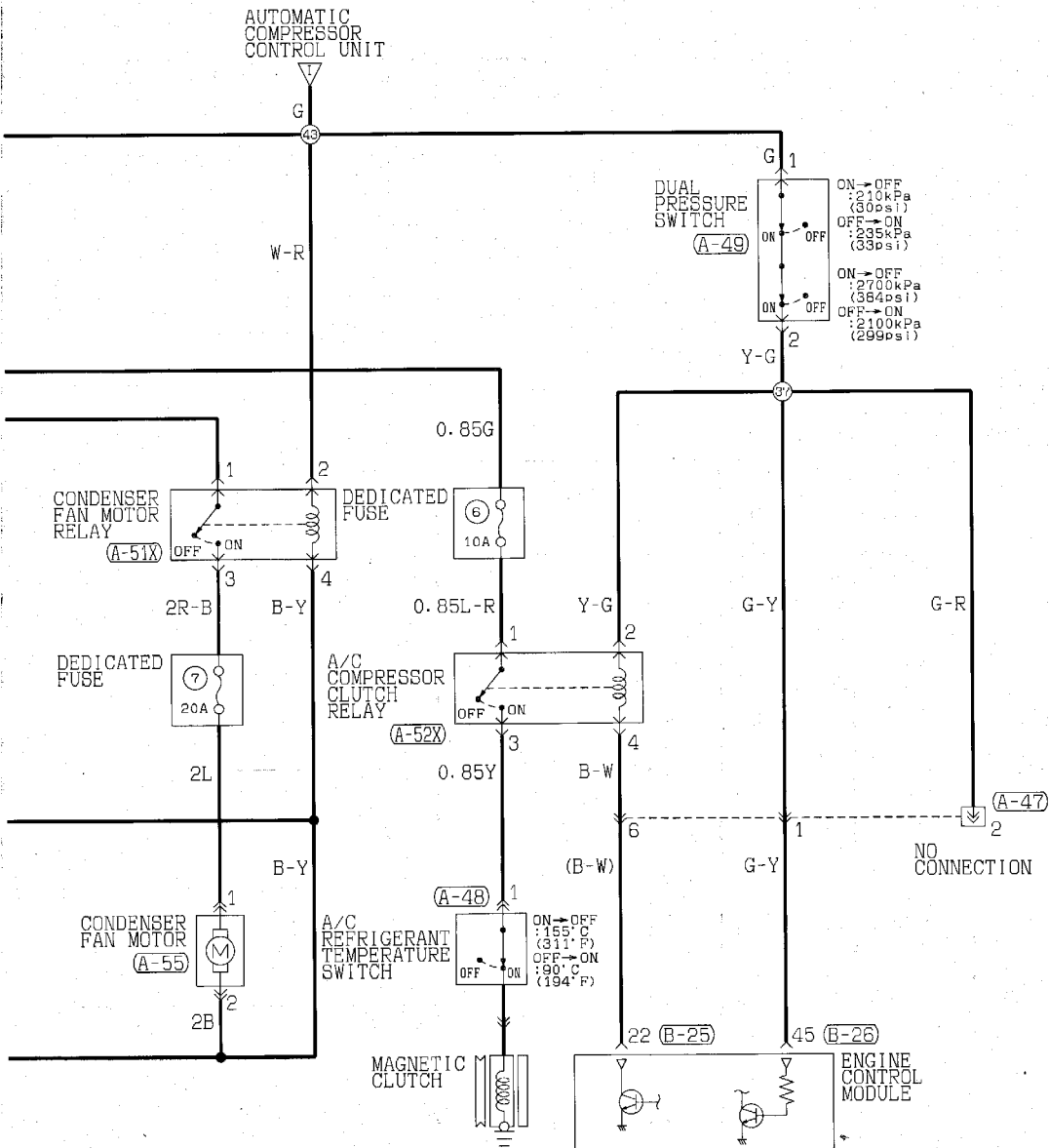
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15

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

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

AIR CONDITIONING SYSTEM <1.5L ENGINE-FROM 1994 MODELS> (CONTINUED)

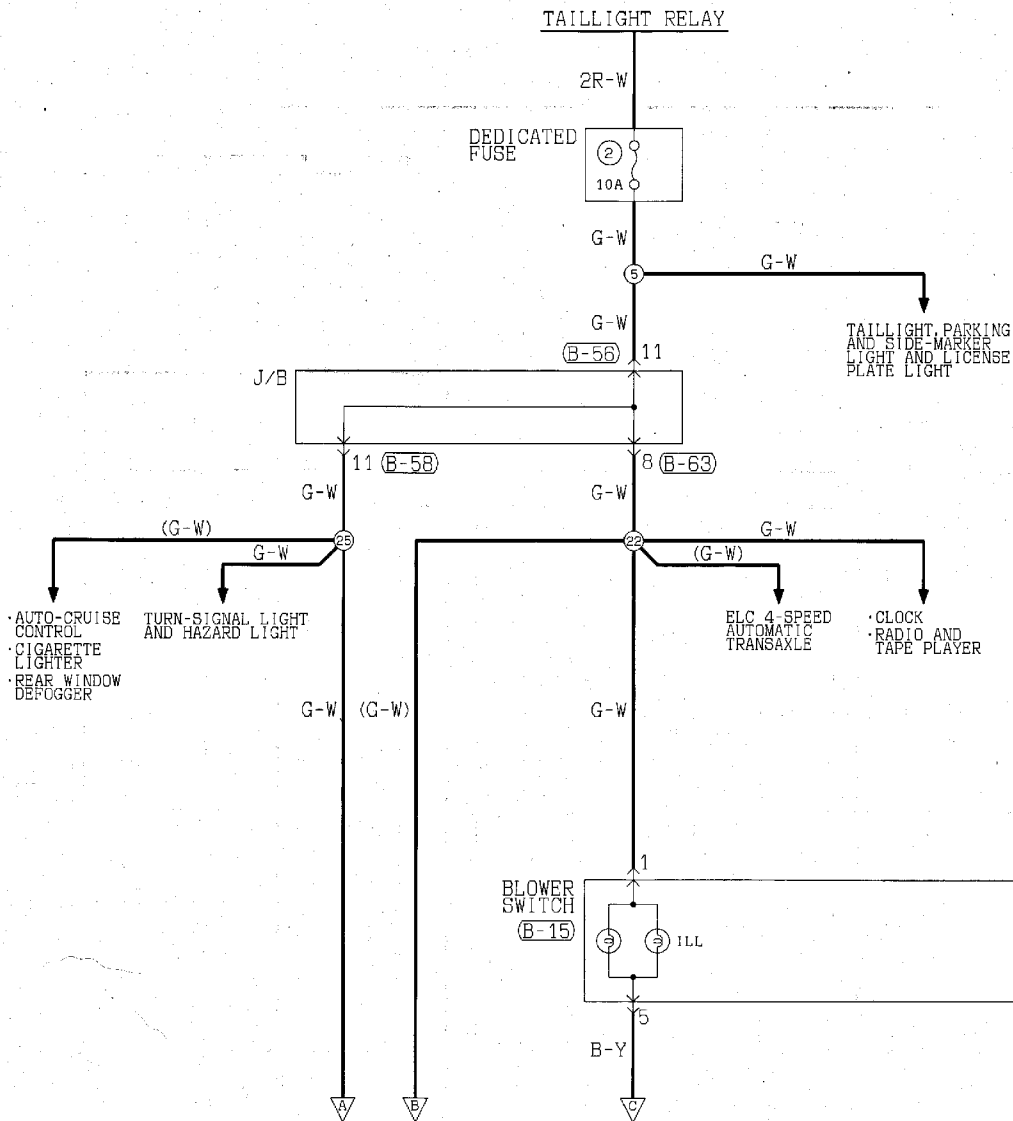




AIR CONDITIONING SYSTEM

110003595

<1.8L ENGINE-1993 MODELS>



(B-15)

1	2	3	4
5	6	7	8
9	10	11	

(B-56)

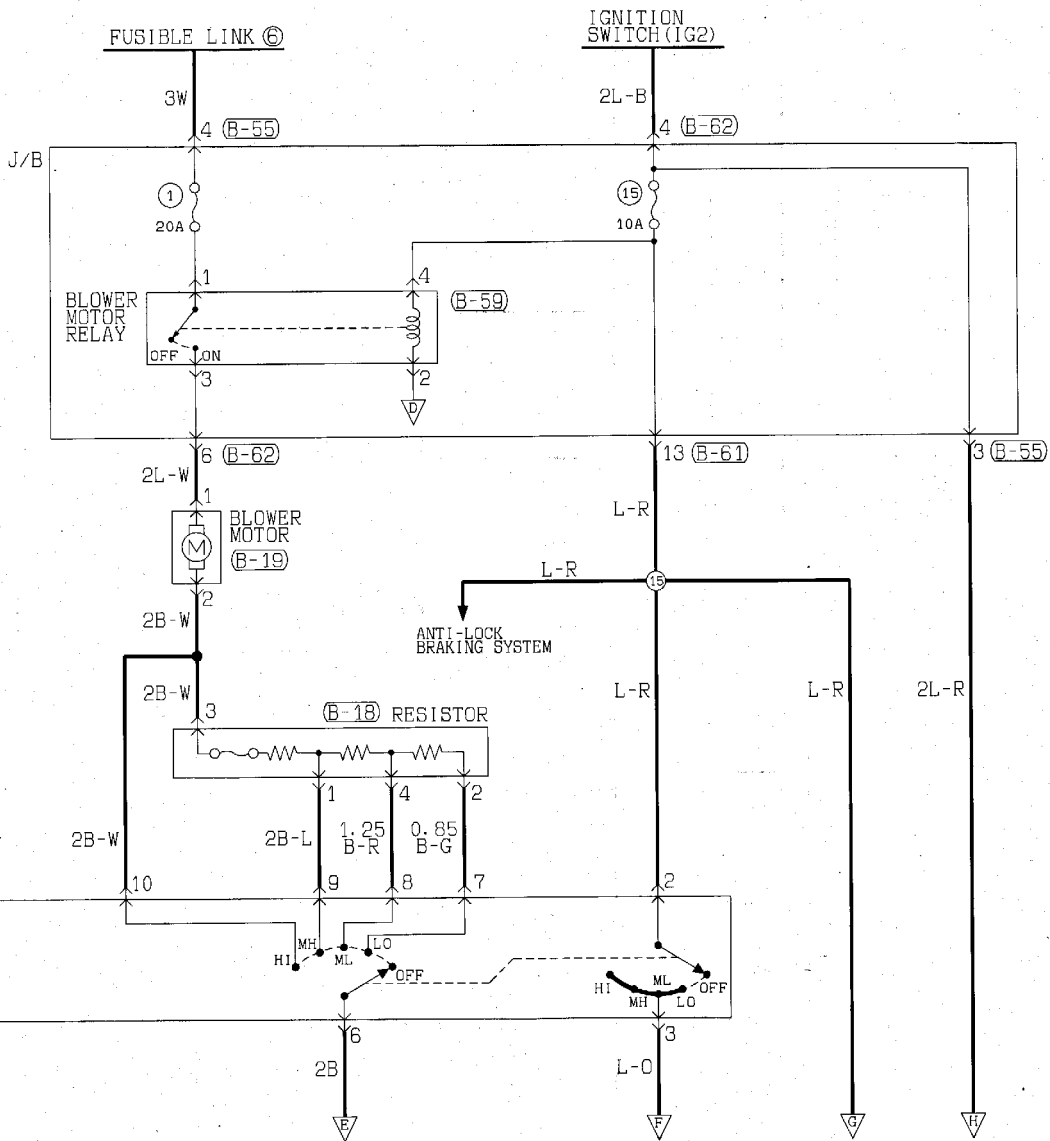
1	2	3	4	5	6
7	8	9	10	11	

(B-58)

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

(B-63)

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



- (B-18)

1	2
3	4
- (B-19)

1
2
- (B-55)

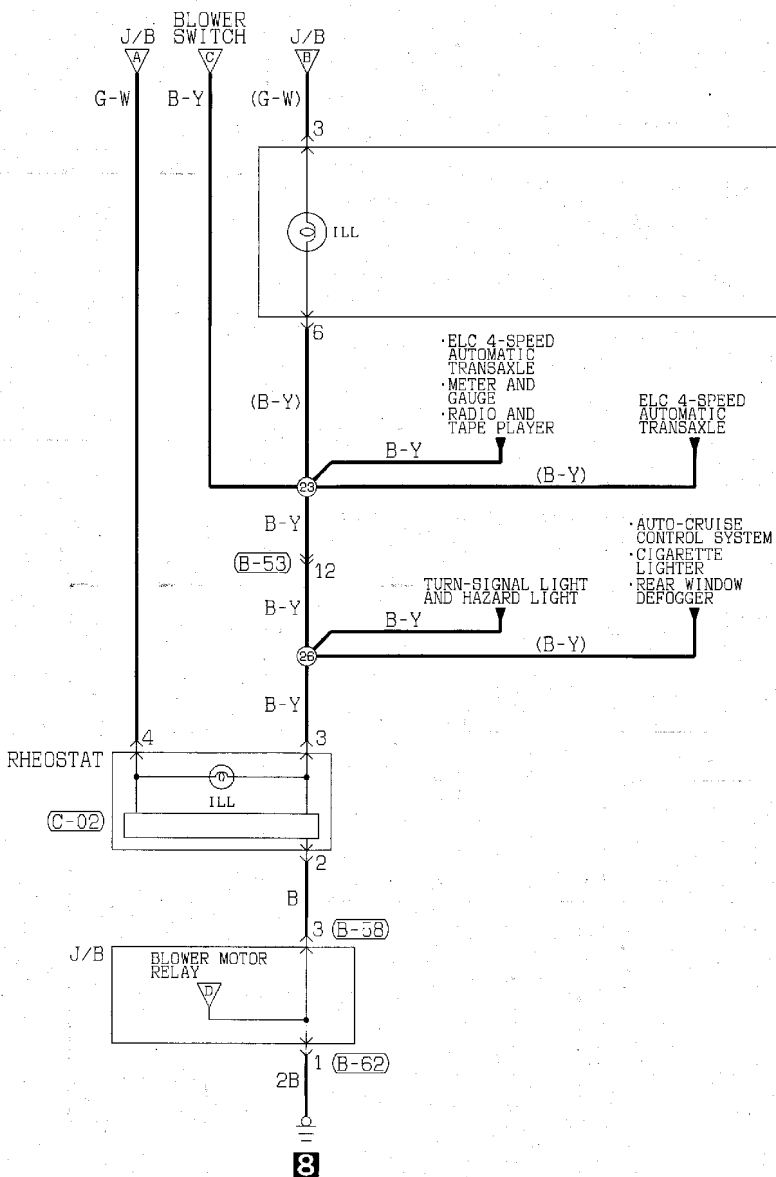
1	2
3	4
5	
- (B-59)

1	2
3	4
- (B-61)

1	2	3	4	5
6	7	8	9	10
11	12	13		
- (B-62)

1	2	3
4	5	6

AIR CONDITIONING SYSTEM <1.8L ENGINE-1993 MODELS> (CONTINUED)



(B-53)

(B-58)

(B-62)

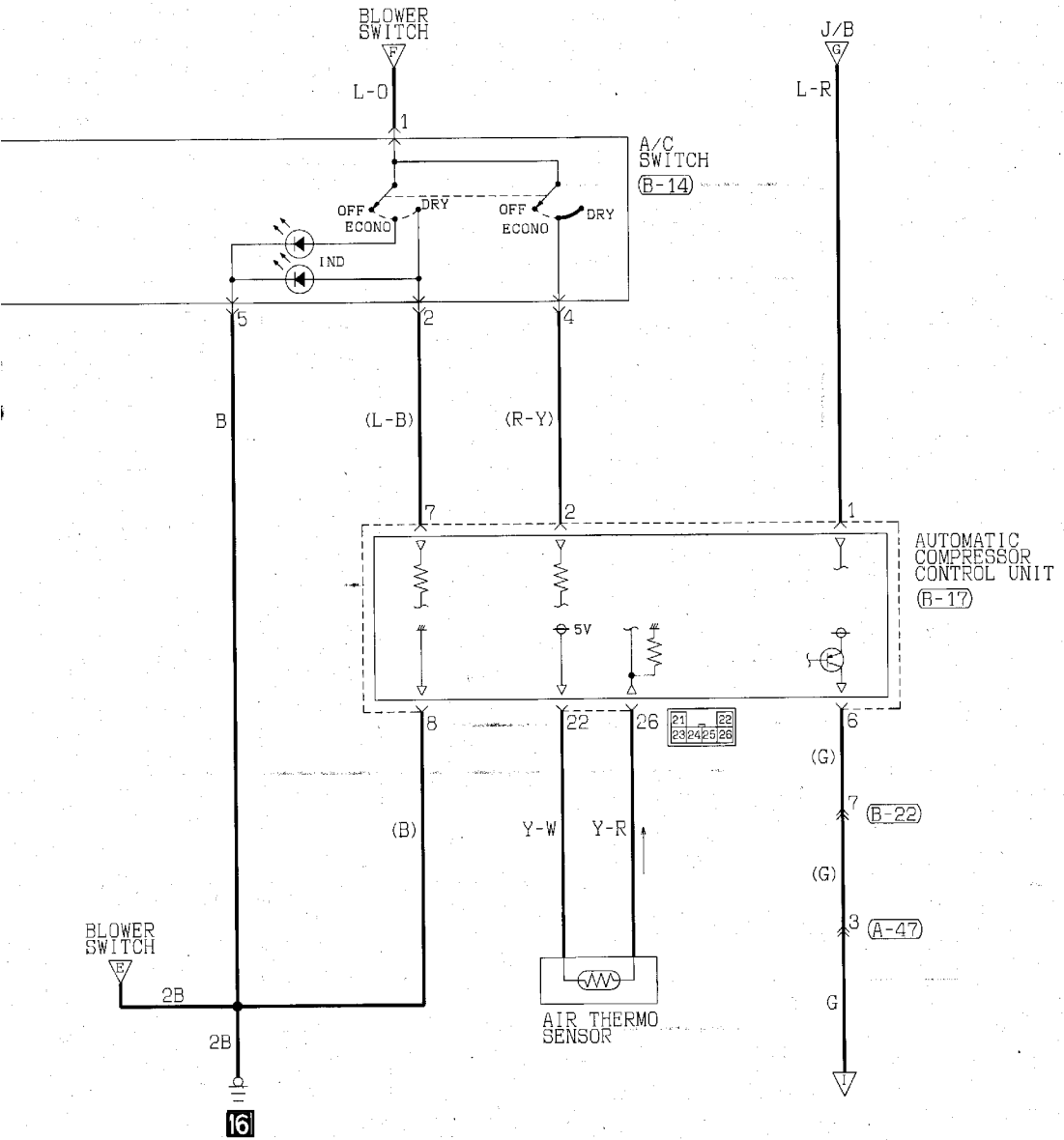
(C-02)

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

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

1	2	3
4	5	6

1	2	3	4

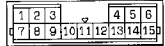
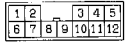


(A-47)

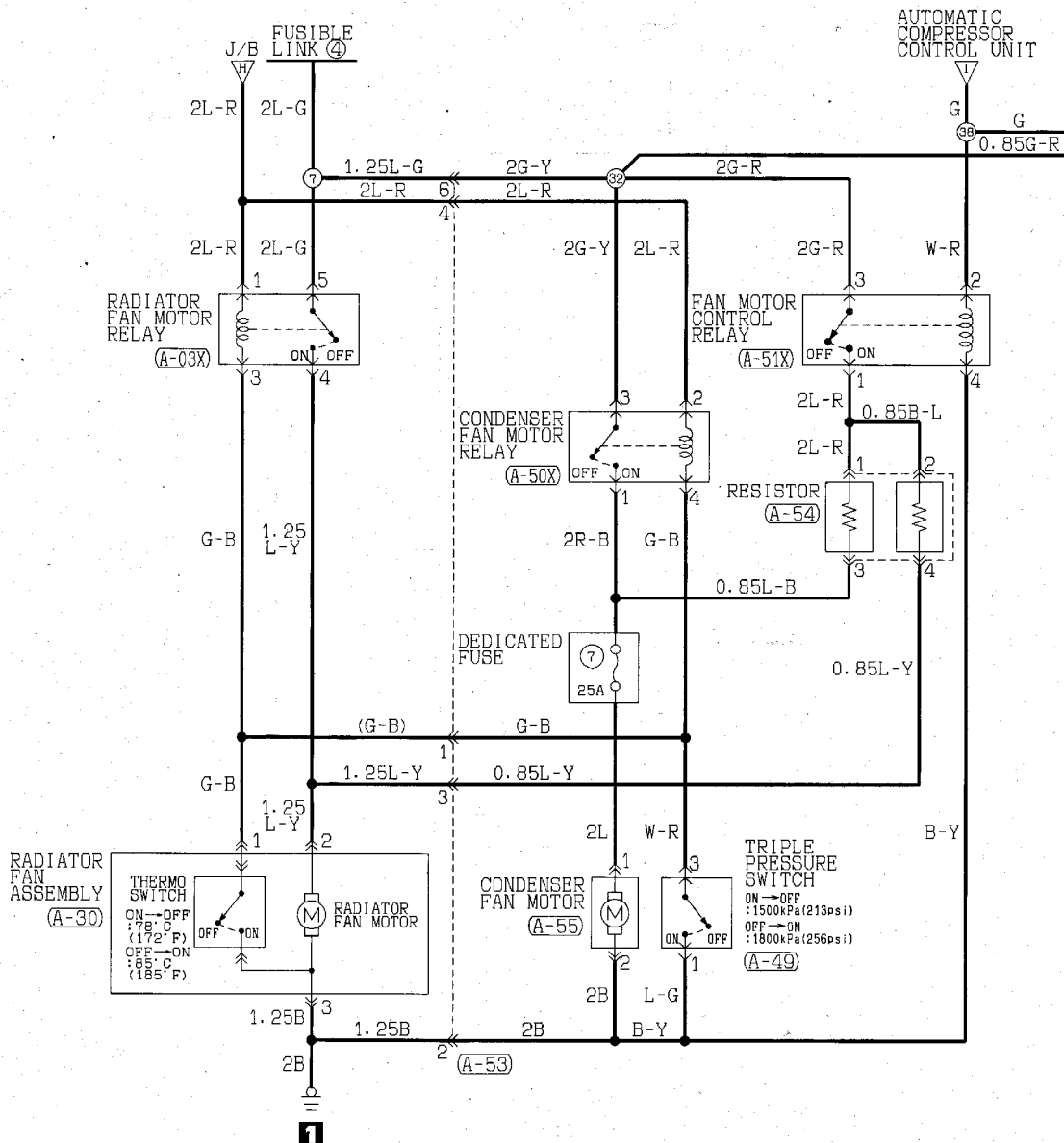
(B-14)

(B-17)

(B-22)



AIR CONDITIONING SYSTEM <1.8L ENGINE-1993 MODELS> (CONTINUED)



A-03X

A-30

A-49

A-50X

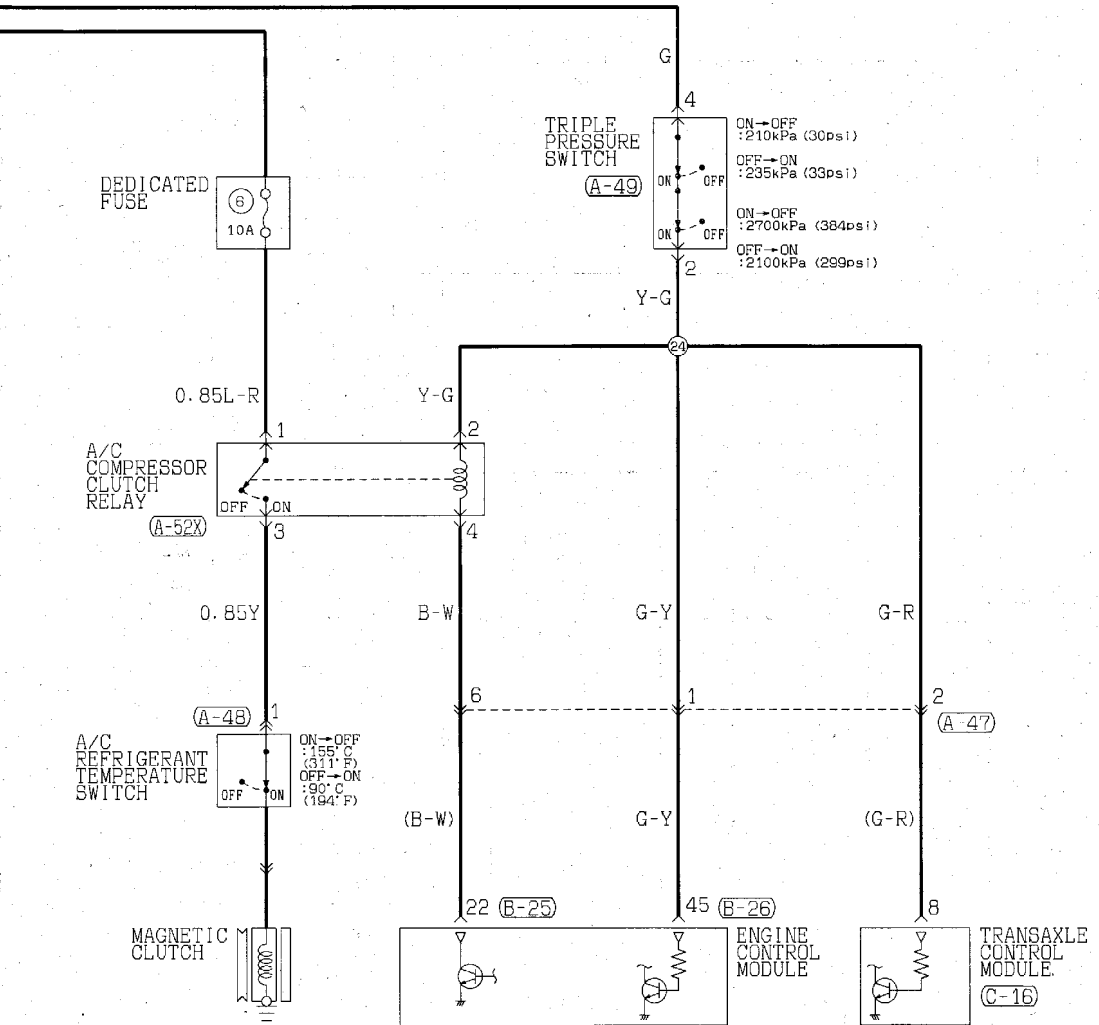
A-51X

A-53

A-54

A-55





(A-47)



(A-48)



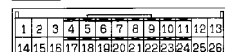
(A-49)



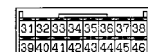
(A-52X)



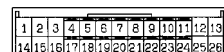
(B-25)



(B-26)

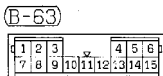
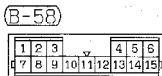
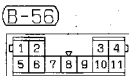
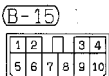
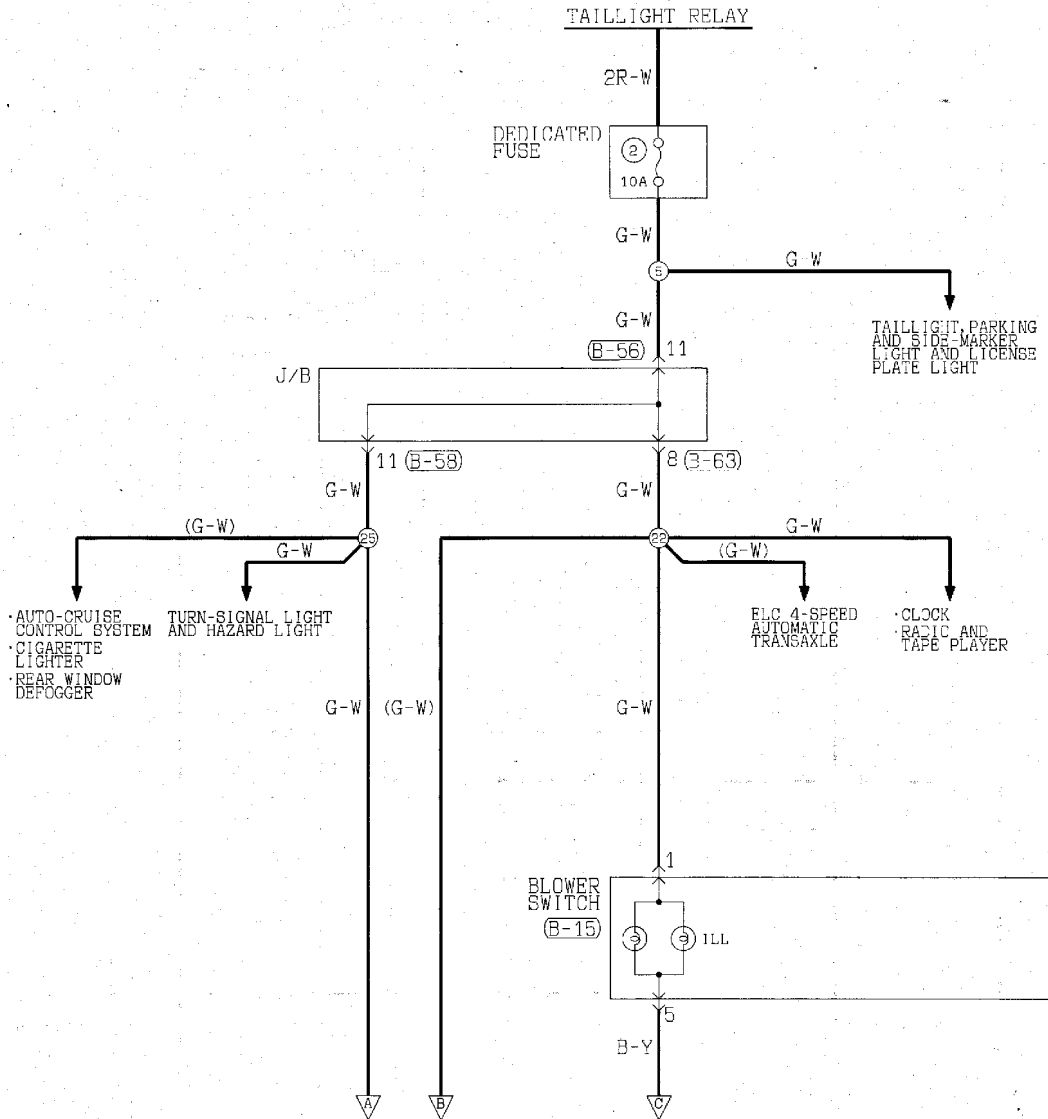


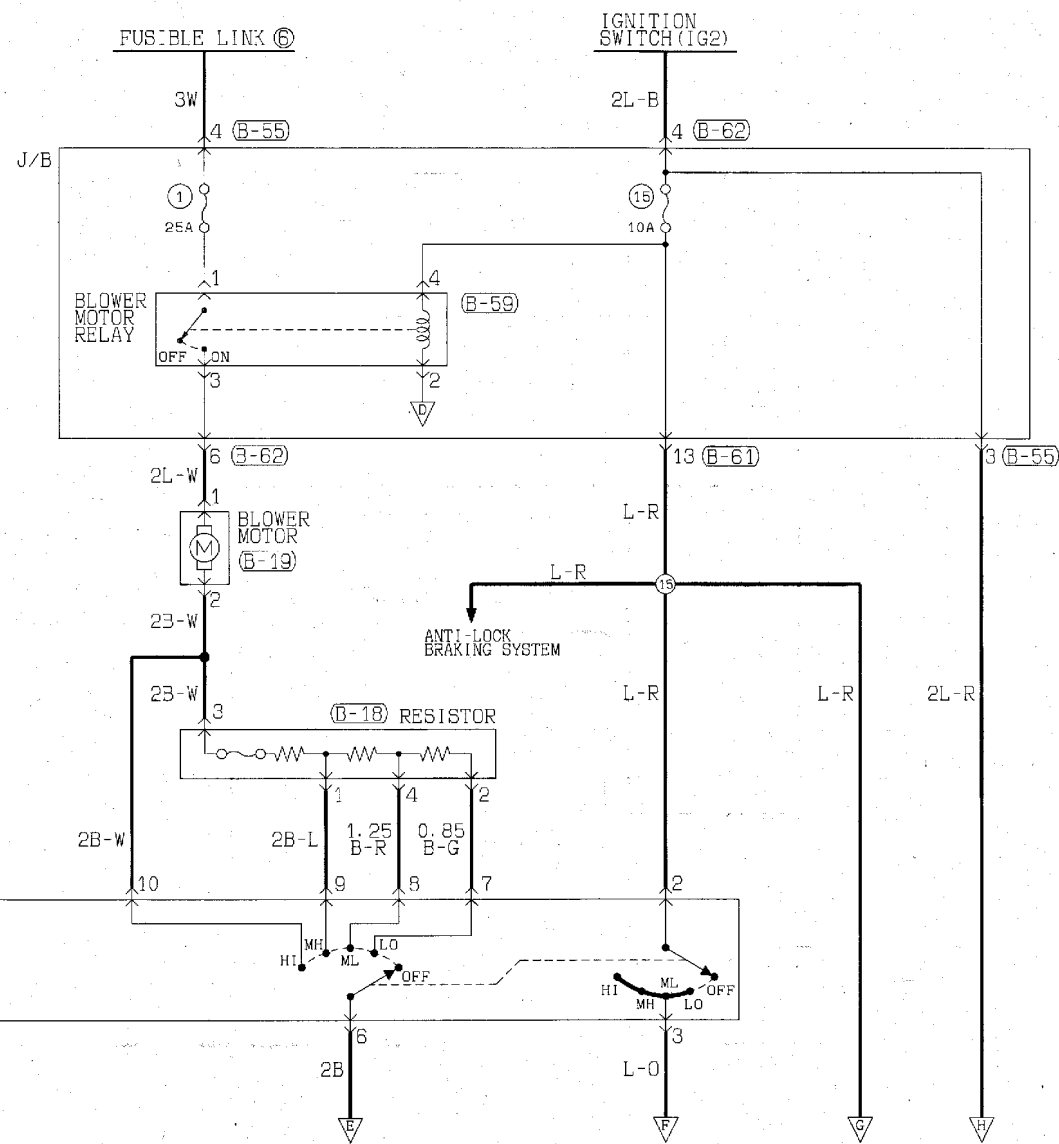
(C-16)



AIR CONDITIONING SYSTEM

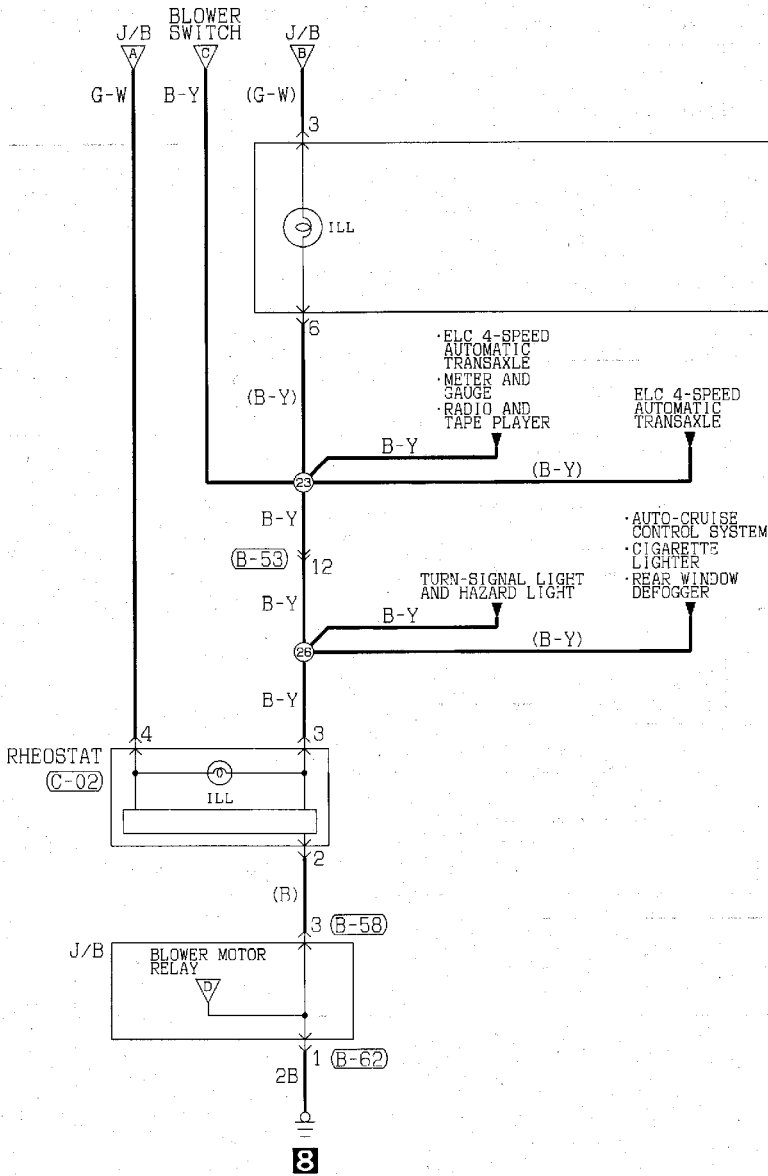
<1.8L ENGINE-FROM 1994 MODELS>





(B-18)	(B-19)	(B-55)	(B-59)	(B-61)	(B-62)																																		
<table border="1"> <tr><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td></tr> </table>	1	2	3	4	<table border="1"> <tr><td>1</td></tr> <tr><td>2</td></tr> </table>	1	2	<table border="1"> <tr><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td><td>5</td></tr> </table>	1	2	3	4	5	<table border="1"> <tr><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td></tr> </table>	1	2	3	4	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr> <tr><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12	13	<table border="1"> <tr><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td></tr> </table>	1	2	3	4	5	6
1	2																																						
3	4																																						
1																																							
2																																							
1	2																																						
3	4	5																																					
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3	4																																						
1	2	3	4	5																																			
6	7	8	9	10	11	12	13																																
1	2	3																																					
4	5	6																																					

AIR CONDITIONING SYSTEM <1.8L ENGINE-FROM 1994 MODELS> (CONTINUED)



(B-53)

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

(B-58)

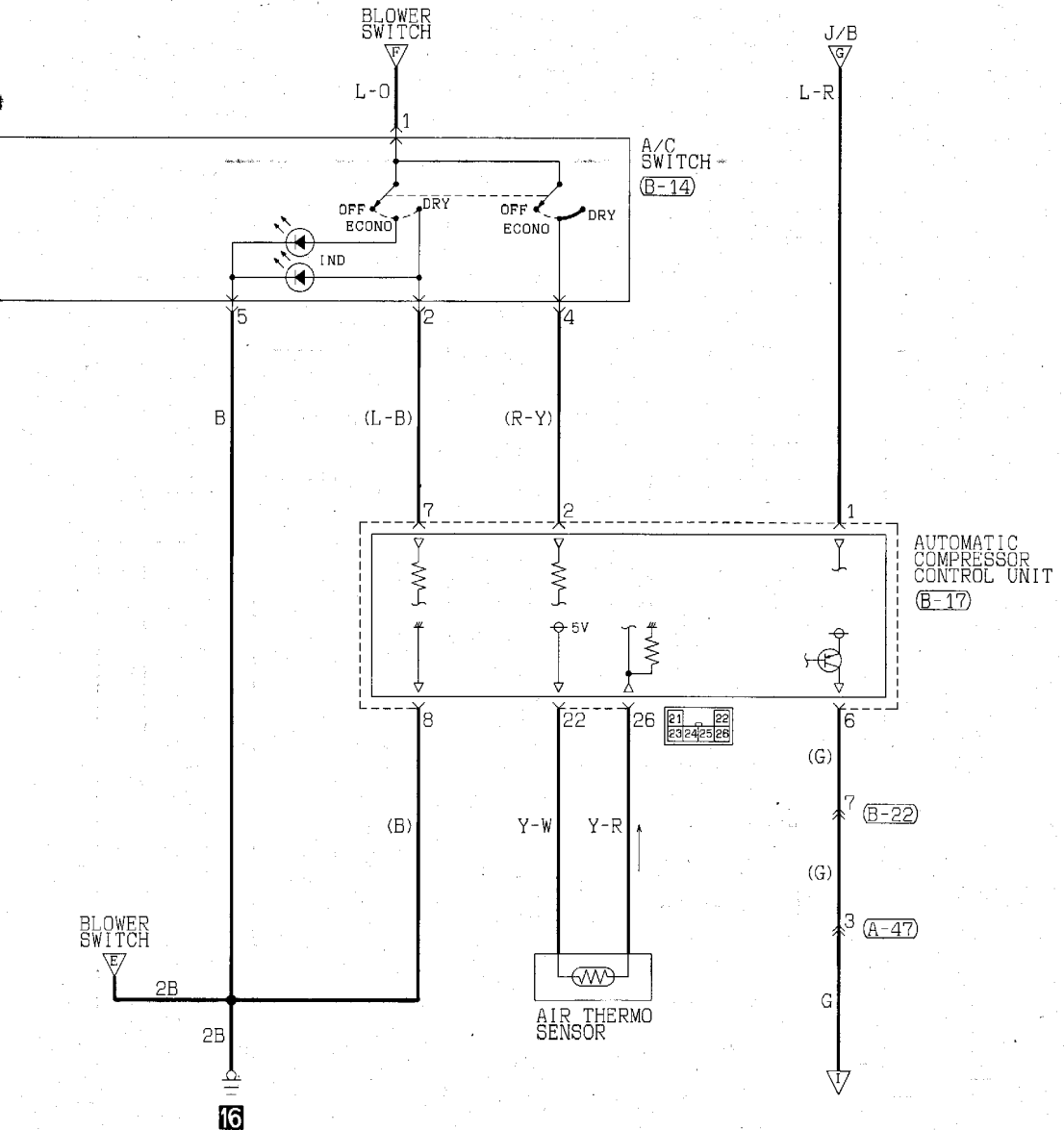
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15			

(B-62)

1	2	3
4	5	6

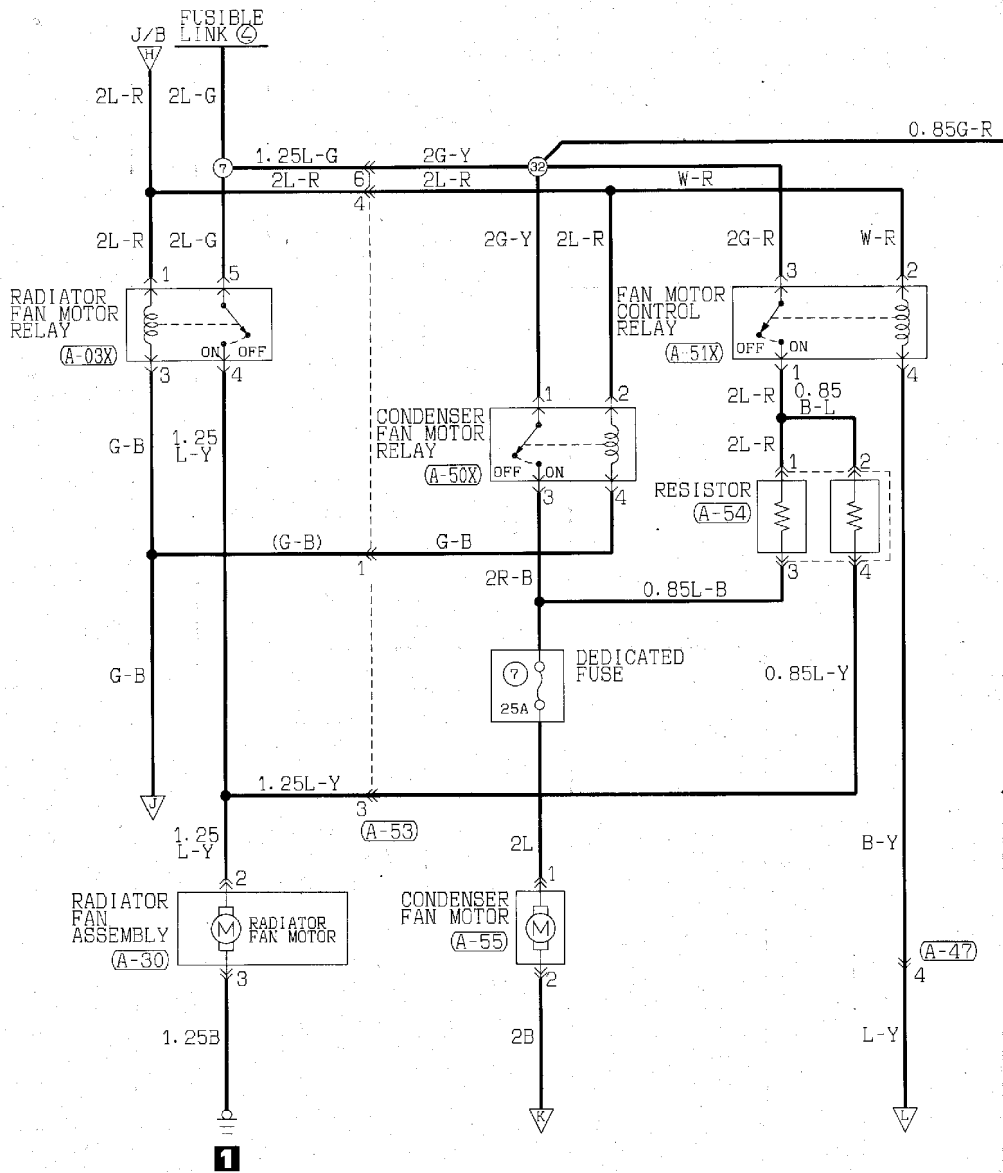
(C-02)

1	2	3	4
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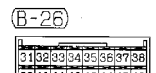
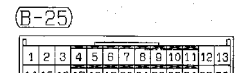
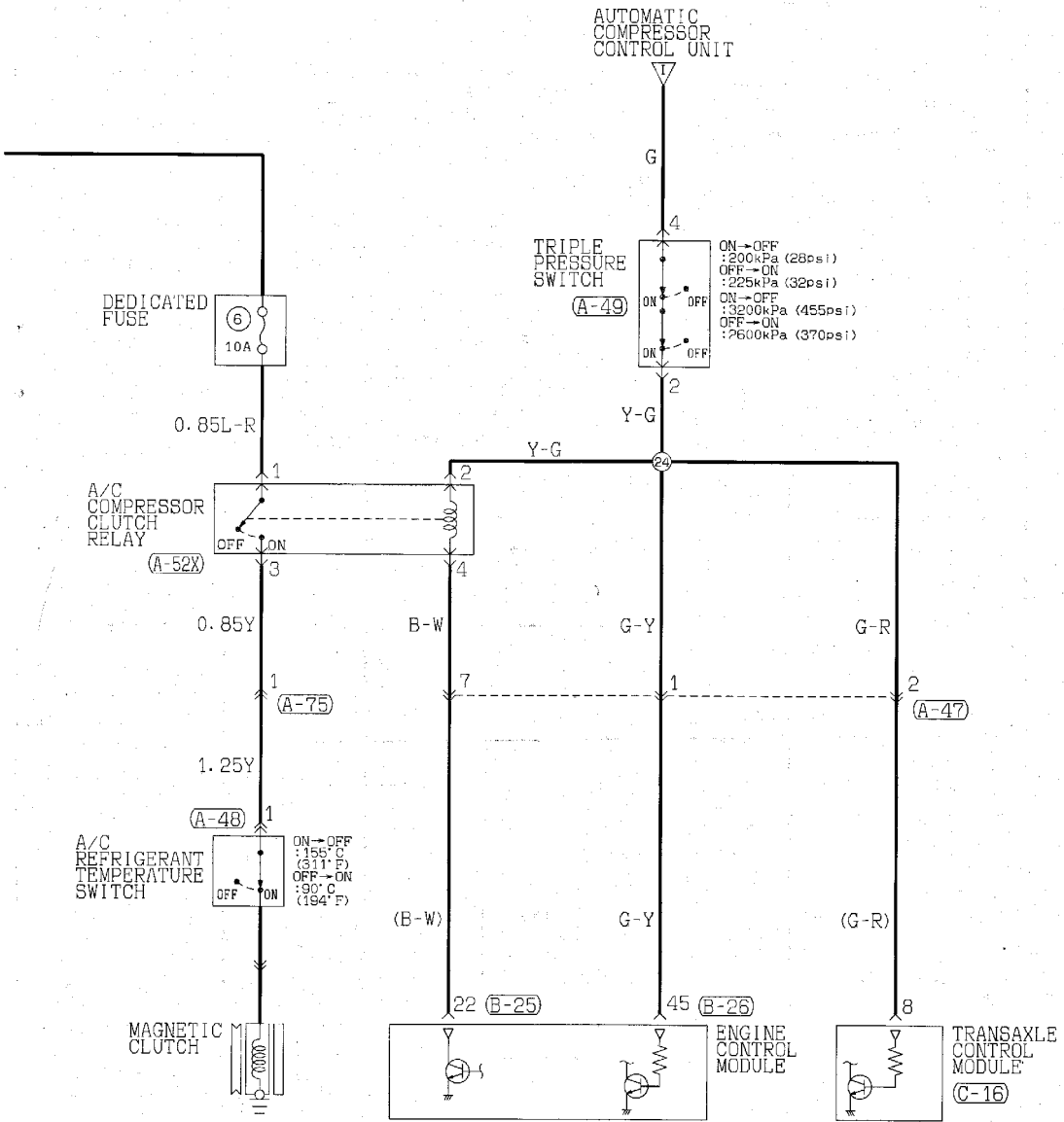


(A-47)	(B-14)	(B-17)	(B-22)
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

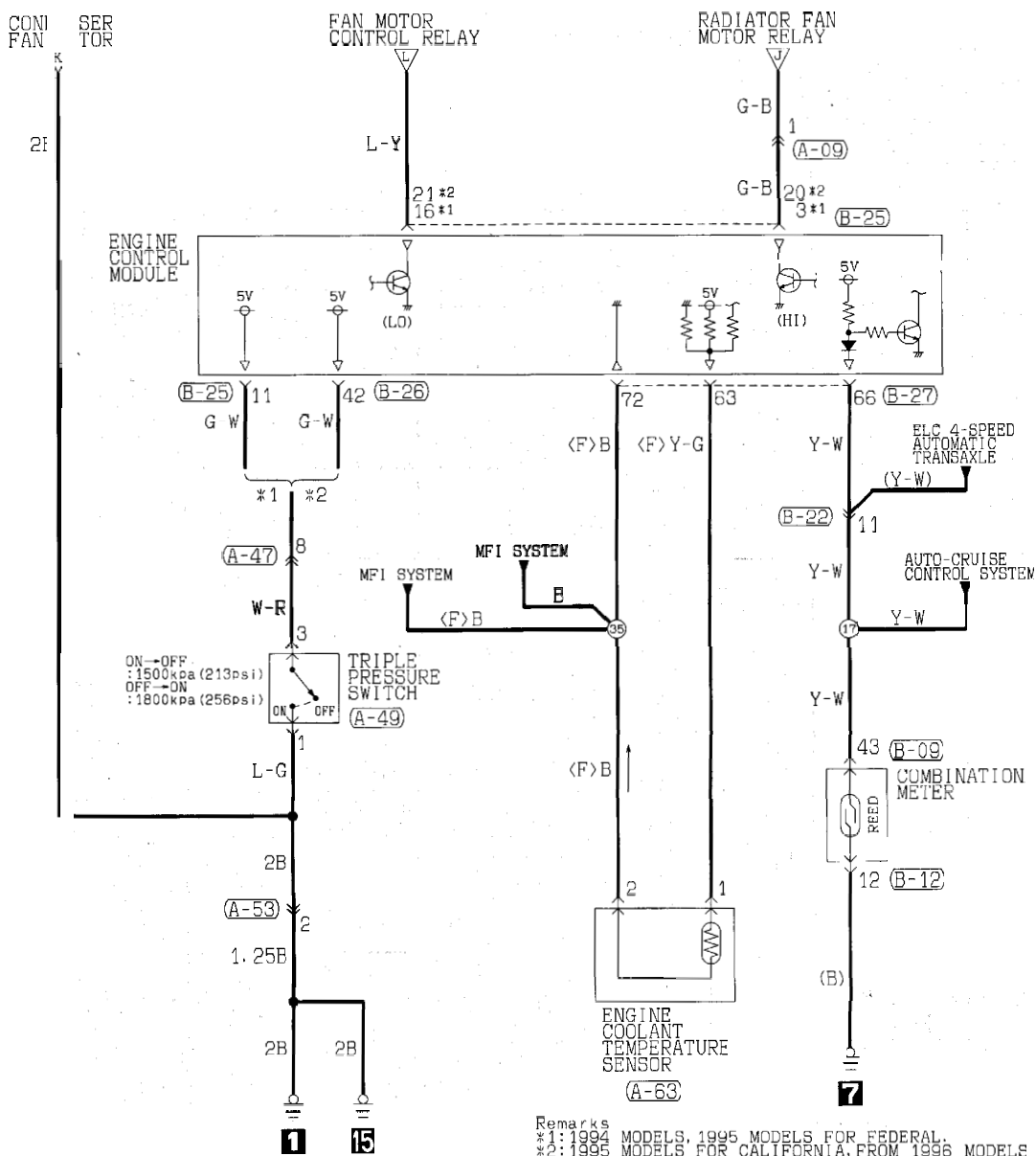
AIR CONDITIONING SYSTEM <1.8L ENGINE-FROM 1994 MODELS> (CONTINUED)



- (A-03X)**
- (A-30)**
- (A-47)**
- (A-50X)**
- (A-51X)**
- (A-53)**
- (A-54)**
- (A-55)**



AIR CONDITIONING SYSTEM <1.8L ENGINE-FROM 1994 MODELS> (CONTINUED)



Remarks
*1: 1994 MODELS, 1995 MODELS FOR FEDERAL.
*2: 1995 MODELS FOR CALIFORNIA, FROM 1996 MODELS

A-09

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

A-47

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

A-49

1	2	3	4	5	6	7	8
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A-53

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

A-63

1	2	3	4	5	6	7	8
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B-09

3	13	23	33	43	53	63	73	83	93	103	113	123
133	143	153	163	173	183	193	203	213	223	233	243	253

B-12

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

B-22

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

B-25

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
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B-26

3	13	23	33	43	53	63	73	83	93
103	113	123	133	143	153	163	173	183	193

B-27

5	15	25	35	45	55	65	75	85	95	105	115	125
135	145	155	165	175	185	195	205	215	225	235	245	255

OPERATION <1.5L ENGINE, 1.8L ENGINE–1993 MODELS>

110003597

<Condenser fan and radiator fan control>

- For the operation of each fan, see COOLING CIRCUIT. (P.172)

<Compressor control>

- The refrigerant temperature switch, which senses the temperature of the refrigerant, is deactivated with temperature 155°C (311°F) or higher.
- When the air conditioning switch is set to the “DRY” mode, the air thermo sensor detects the temperature of the air emitted from the evaporator; the A/C compressor clutch relay is switched OFF if the temperature is 2.2°C (36°F) or lower. Furthermore, when the air conditioning switch is set to the “ECONO” mode, the A/C compressor clutch relay is switched off at temperatures of 7°C (45°F) or below.
- The dual pressure switch <1.5L Engine> or triple pressure switch <1.8L Engine> turns OFF when the refrigerant pressure becomes excessively high or low, thus protecting the compressor circuit. (See Table below.)

- The air conditioning compressor clutch relay is energized when the refrigerant–temperature switch, the air thermo sensor are ON, and the dual-pressure switch <1.5L Engine> or triple pressure switch <1.8L Engine> is ON, and the ignition switch, blower switch and air conditioning switch are all ON.
- However, note that the air conditioning compressor clutch relay is switched OFF when starting and during low rpm operation until a certain fixed time has passed, depending upon the running conditions, in order to prevent engine stall and engine vibrations. In addition, for 4-speed automatic transaxle models, when the throttle valve opening is large (throttle-position sensor output voltage approximately 4V and throttle valve opening approximately 65° or greater) during acceleration, the air conditioning compressor clutch relay drive transistor (located within the engine control module) is switched OFF for about five seconds and the air conditioning compressor clutch relay is switched OFF in order to maintain acceleration performance.

TROUBLESHOOTING HINTS**<Condenser fan and radiator fan control>**

- See COOLING CIRCUIT. (P.172)

<Compressor control>

- See GROUP 55 – Troubleshooting.

Air Conditioning Compressor Clutch Relay ON Conditions

If any one of the switches, sensors or the control unit is OFF, the air conditioning compressor clutch relay will turn OFF.

Ignition switch (IG ₂)		ON
Blower switch		ON
Air conditioning switch		ON (ECONO or DRY)
Refrigerant temperature switch		ON [90°C (194°F) or below]
Air thermo sensor		ON [3.2°C (38°F) or higher] (DRY mode) ON [8°C (46°F) or higher] (ECONO mode)
Dual pressure switch <1.5L Engine> or tripple pressure switch <1.8L Engine>	Low-pressure side	ON [235 kPa (33 psi) or higher]
	High-pressure side	ON [2,100 kPa (229 psi) or higher]
Air conditioning compressor clutch relay driving transistor (within engine control module)		ON

OPERATION

110003598

<1.8L ENGINE—FROM 1994 MODELS>**<Condenser fan and radiator fan control>**

- For the operation of each fan, see COOLING CIRCUIT. (P.182)

<Compressor control>

- The refrigerant temperature switch, which senses the temperature of the refrigerant, is deactivated with temperature 155°C (311°F) or higher.
- When the air conditioning switch is set to the "DRY" mode, the air thermo sensor detects the temperature of the air emitted from the evaporator; the A/C compressor clutch relay is switched OFF if the temperature is 2.2°C (36°F) or lower. Furthermore, when the air conditioning switch is set to the "ECONO" mode, the A/C compressor clutch relay is switched off at temperatures of 7°C (45°F) or below.
- The engine coolant temperature sensor senses the temperature of engine coolant, and it is turned off at 115°C (239°F) or higher temperatures.
- The triple pressure switch turns OFF when the refrigerant pressure becomes excessively high or low, thus protecting the compressor circuit. (See Table below.)

- The air conditioning compressor clutch relay is energized when the refrigerant-temperature switch, the air thermo sensor are ON, and the triple pressure switch is ON, and the ignition switch, blower switch and air conditioning switch are all ON.
- However, note that the air conditioning compressor clutch relay is switched OFF when starting and during low rpm operation until a certain fixed time has passed, depending upon the running conditions, in order to prevent engine stall and engine vibrations. In addition, for 4-speed automatic transaxle models, when the throttle valve opening is large (throttle-position sensor output voltage approximately 4 V and throttle valve opening approximately 65° or greater) during acceleration, the air conditioning compressor clutch relay drive transistor (located within the engine control module) is switched OFF for about five seconds and the air conditioning compressor clutch relay is switched OFF in order to maintain acceleration performance.

TROUBLESHOOTING HINTS**<Condenser fan and radiator fan control>**

- See COOLING CIRCUIT. (P.182)

<Compressor control>

- See GROUP 55 – Troubleshooting.

Air Conditioning Compressor Clutch Relay ON Conditions

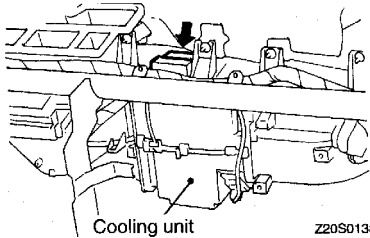
If any one of the switches, sensors or the control unit is OFF, the air conditioning compressor clutch relay will turn OFF.

Ignition switch (IG ₂)		ON
Blower switch		ON
Air conditioning switch		ON (ECONO or DRY)
Refrigerant temperature switch		ON [90°C (194°F) or below]
Air thermo sensor		ON [3.2°C (38°F) or higher] (DRY mode)
		ON [8°C (46°F) or higher] (ECONO mode)
Engine coolant temperature sensor		ON [108°C (226°F) or below]
Triple pressure switch	Low-pressure side	ON [225 kPa (32 psi) or higher]
	High-pressure side	ON [2,600 kPa (370 psi) or higher]
Air conditioning compressor clutch relay driving transistor (within engine control module)		ON

110003599

COMPONENT LOCATION

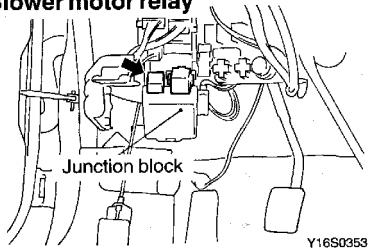
Automatic compressor control unit



Cooling unit

Z20S0138

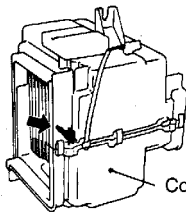
Blower motor relay



Junction block

Y16S0353

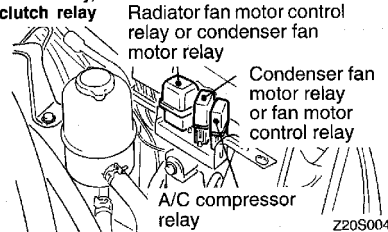
Air thermo sensor



Cooling unit

Z16S0338

Radiator fan motor control relay, condenser fan motor relay, fan motor relay and A/C compressor clutch relay



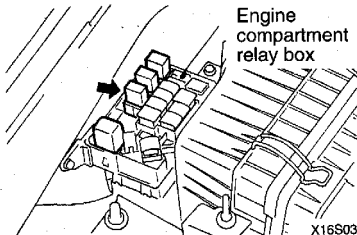
Radiator fan motor control relay or condenser fan motor relay

Condenser fan motor relay or fan motor control relay

A/C compressor relay

Z20S0041

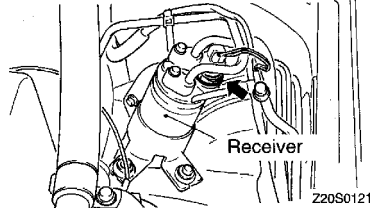
Radiator fan motor relay



Engine compartment relay box

X16S0397

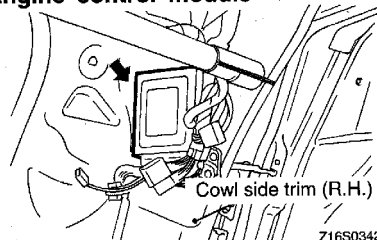
Dual pressure switch or triple pressure switch



Receiver

Z20S0121

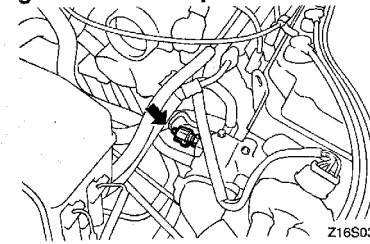
Engine control module



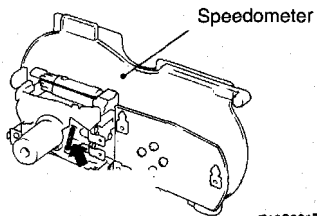
Cowl side trim (R.H.)

Z16S0342

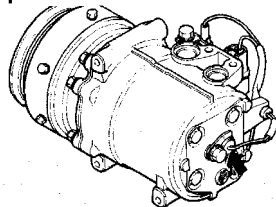
Engine coolant temperature sensor



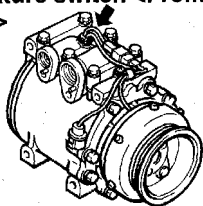
Z16S0343

Vehicle speed sensor (Reed switch)

Z16S0217

Air conditioning refrigerant temperature switch <1993 models>

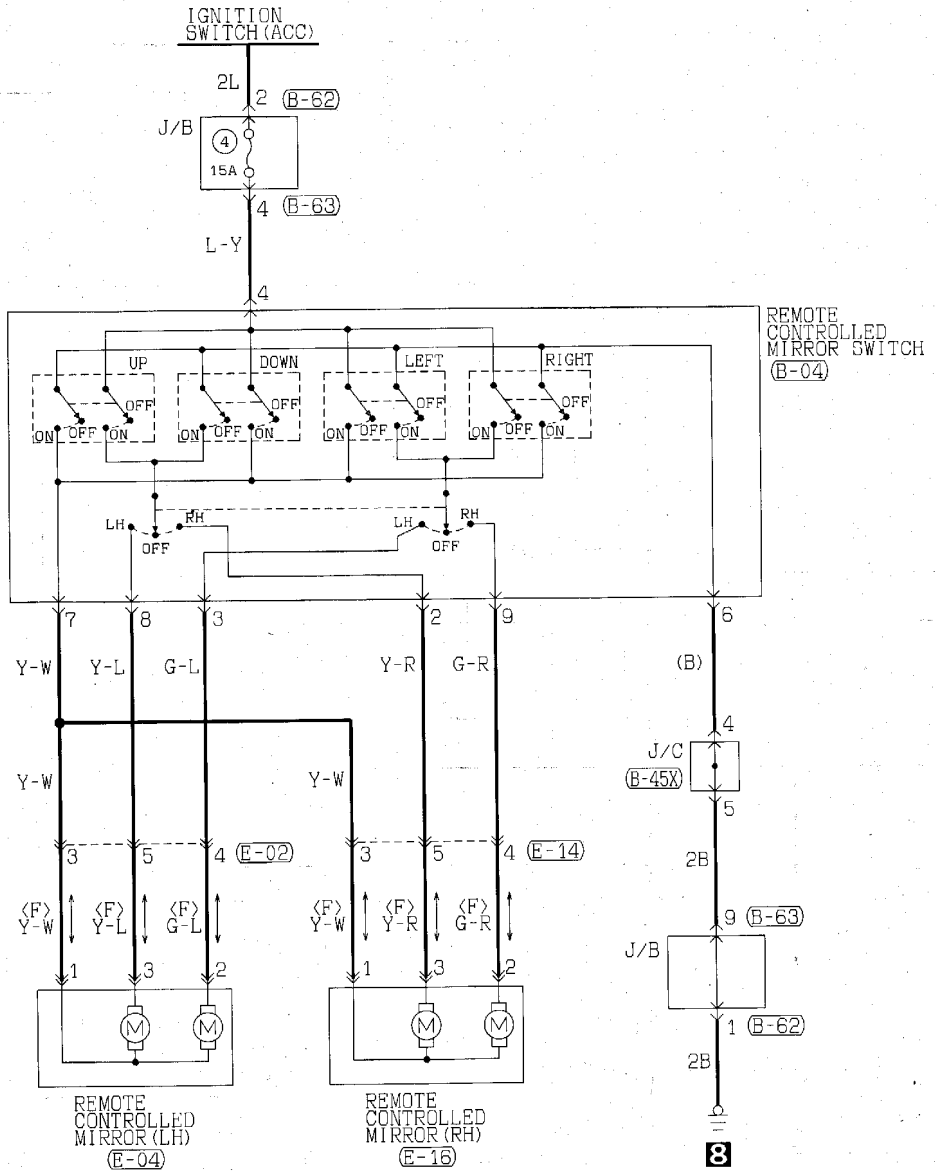
Z20S0308

Air conditioning refrigerant temperature switch <From 1994 models>

Z20S0309

REMOTE CONTROLLED MIRROR

110003600



(B-04)

(B-45X)

(B-62)

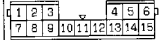
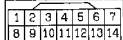
(B-63)

(E-02)

(E-04)

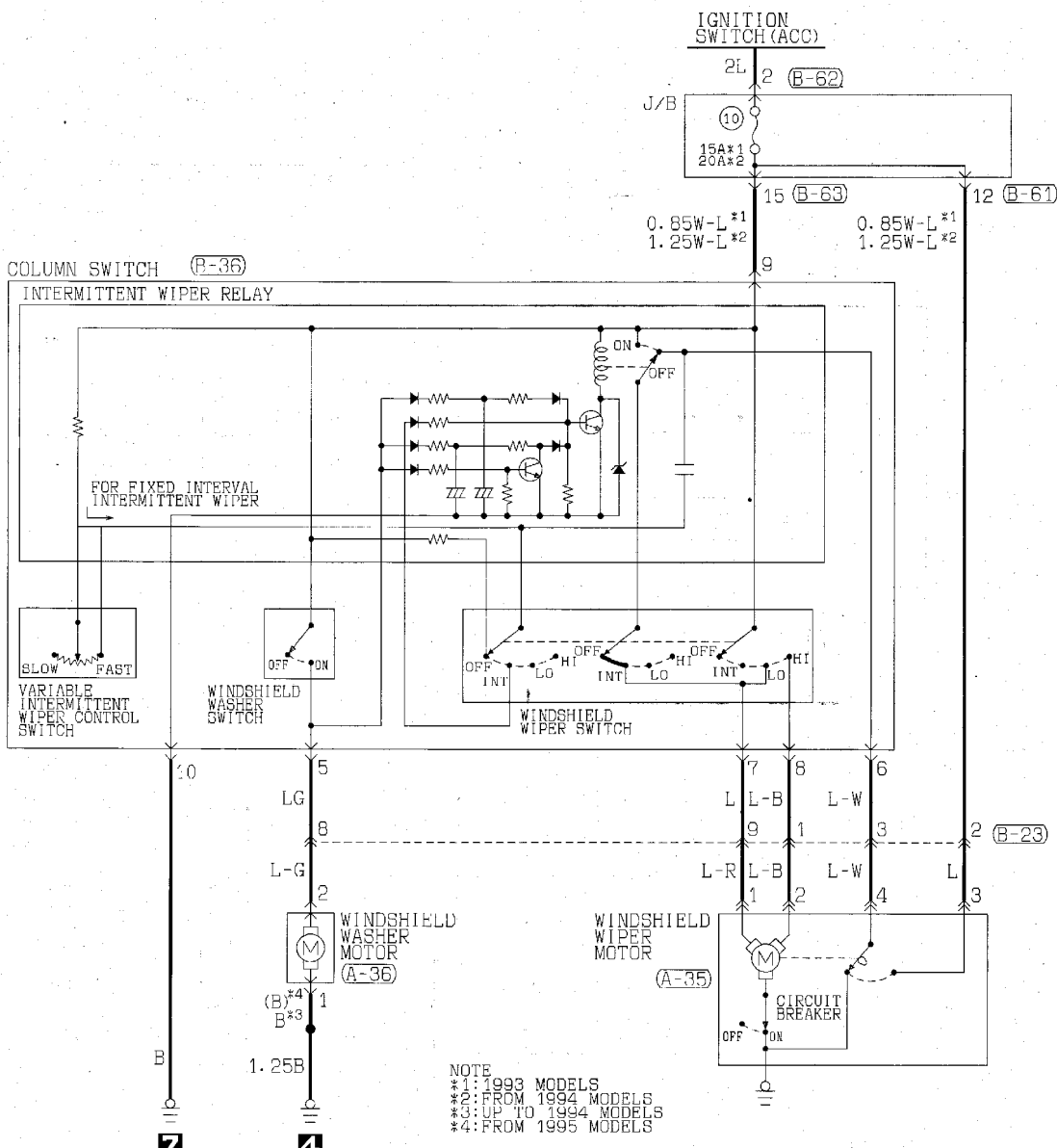
(E-14)

(E-16)



WINDSHIELD WIPER AND WASHER

<Vehicles with intermittent wiper>

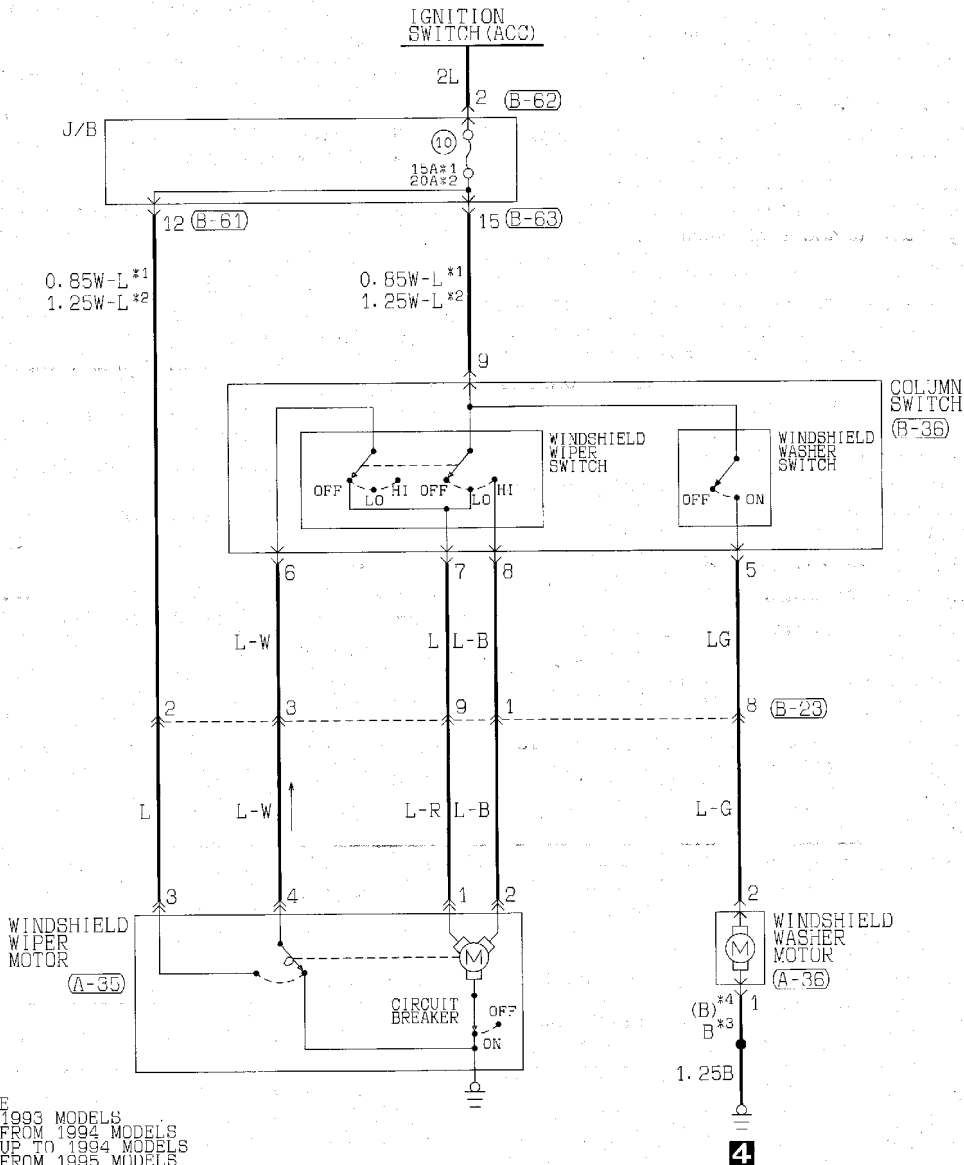


NOTE
 *1: 1993 MODELS
 *2: FROM 1994 MODELS
 *3: UP TO 1994 MODELS
 *4: FROM 1995 MODELS



WINDSHIELD WIPER AND WASHER

<Vehicles without intermittent wiper>



(A-35)

(A-36)

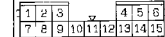
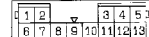
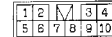
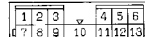
(B-23)

(B-36)

(B-61)

(B-62)

(B-63)



OPERATION

110003603

<Low-speed (and high-speed) wiper operation>

- When the wiper switch is placed in the LO position with the ignition switch in the ACC or ON position, wipers operate continuously at low speed.
- Placing the wiper switch in the HI position causes the wipers to operate at high speed.

<Auto wiper stop operation>

- When the wiper switch is placed in the OFF position, the cam contacts of wiper motor causes current to flow through the auto wiper stop circuit, allowing the wiper blades to cycle before they reach to the stop positions.

<Intermittent wiper operation>

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

<Washer-wiper operation>

- When the washer switch is turned ON, the intermittent wiper relay contacts close causing wipers to cycle two to three times.

Remark

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

TROUBLESHOOTING HINTS

1. Wipers do not operate.
 - 1) Washer is not operative, either.
 - Check multi-purpose fuse No. 10
 - Check ground.
2. Low-speed (or high-speed) wiper operation only is inoperative.
 - Check wiper switch.
3. Wipers do not stop.
 - Check wiper motor.
 - Check intermittent wiper relay.
 - Check wiper switch.
4. Intermittent wiper operation is inoperative.
 - Check terminal voltage of steering-column switch (with a built-in intermittent wiper relay) with the intermittent wiper relay energized. (See the fig.1.)
5. The length of pause for intermittent operation cannot be varied.
 - Check variable intermittent wiper control switch.
 - Check intermittent wiper relay.
6. Washer is inoperative.
 - 1) Wiper is operative on washer-wiper operation.
 - Check washer motor.
 - 2) Washer-wiper operation is inoperative also.
 - Check washer switch.
7. Washer-wiper operation is inoperative.
 - Check intermittent wiper relay.

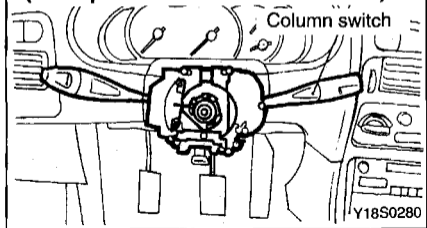
<Fig.1>

Terminal No.	Voltage	Check
10	0V	Intermittent wiper relay or wiper switch
	System voltage	Intermittent wiper relay
	0 ↔ System voltage (alternating)	– (Normal)

COMPONENT LOCATION

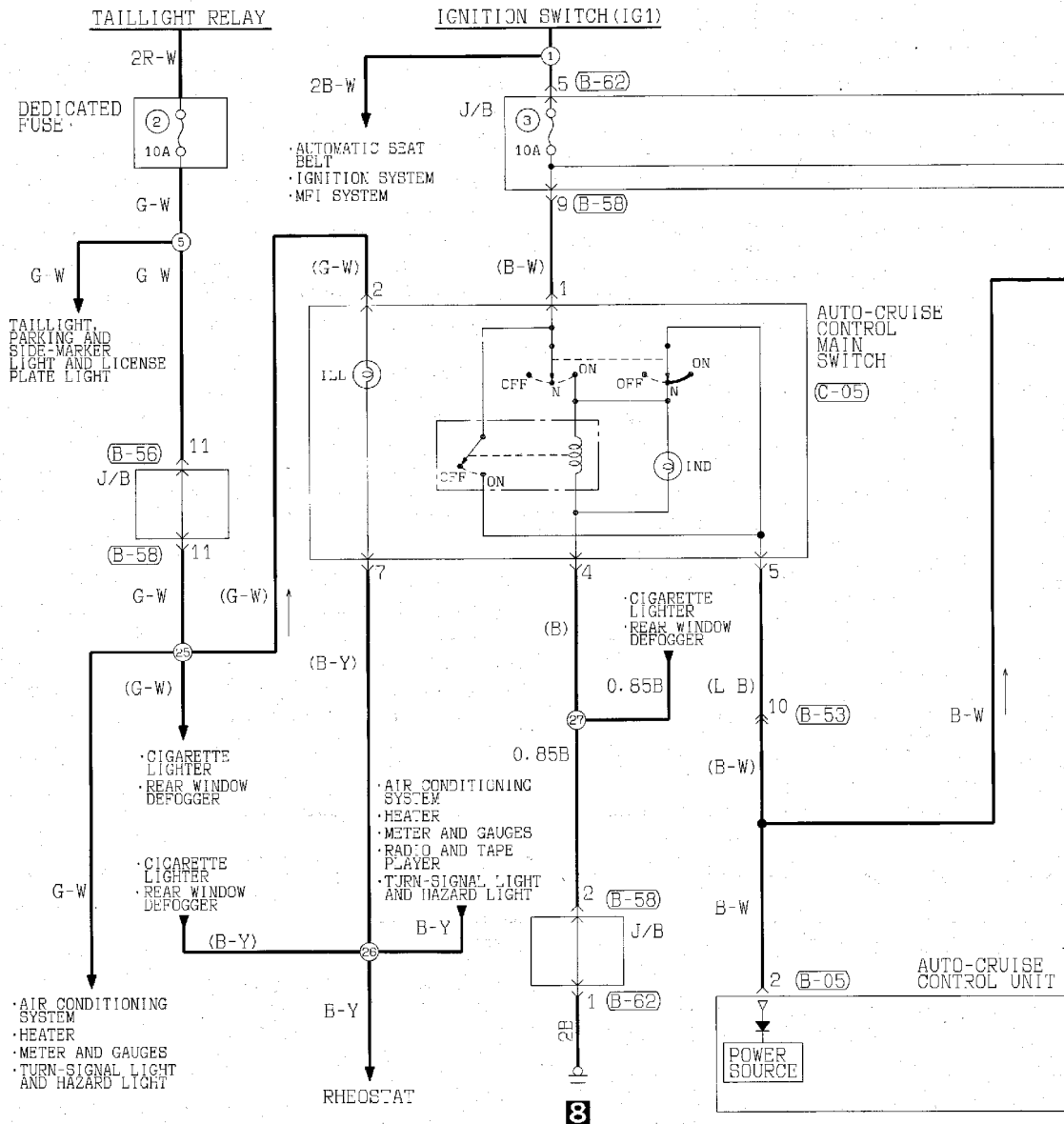
110003604

**Intermittent Wiper Relay
(incorporated in column switch)**



AUTO-CRUISE CONTROL SYSTEM

<M/T-1993 MODELS>



(B-05)

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-53)

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

(B-56)

1	2	3	4
5	6	7	8

(B-58)

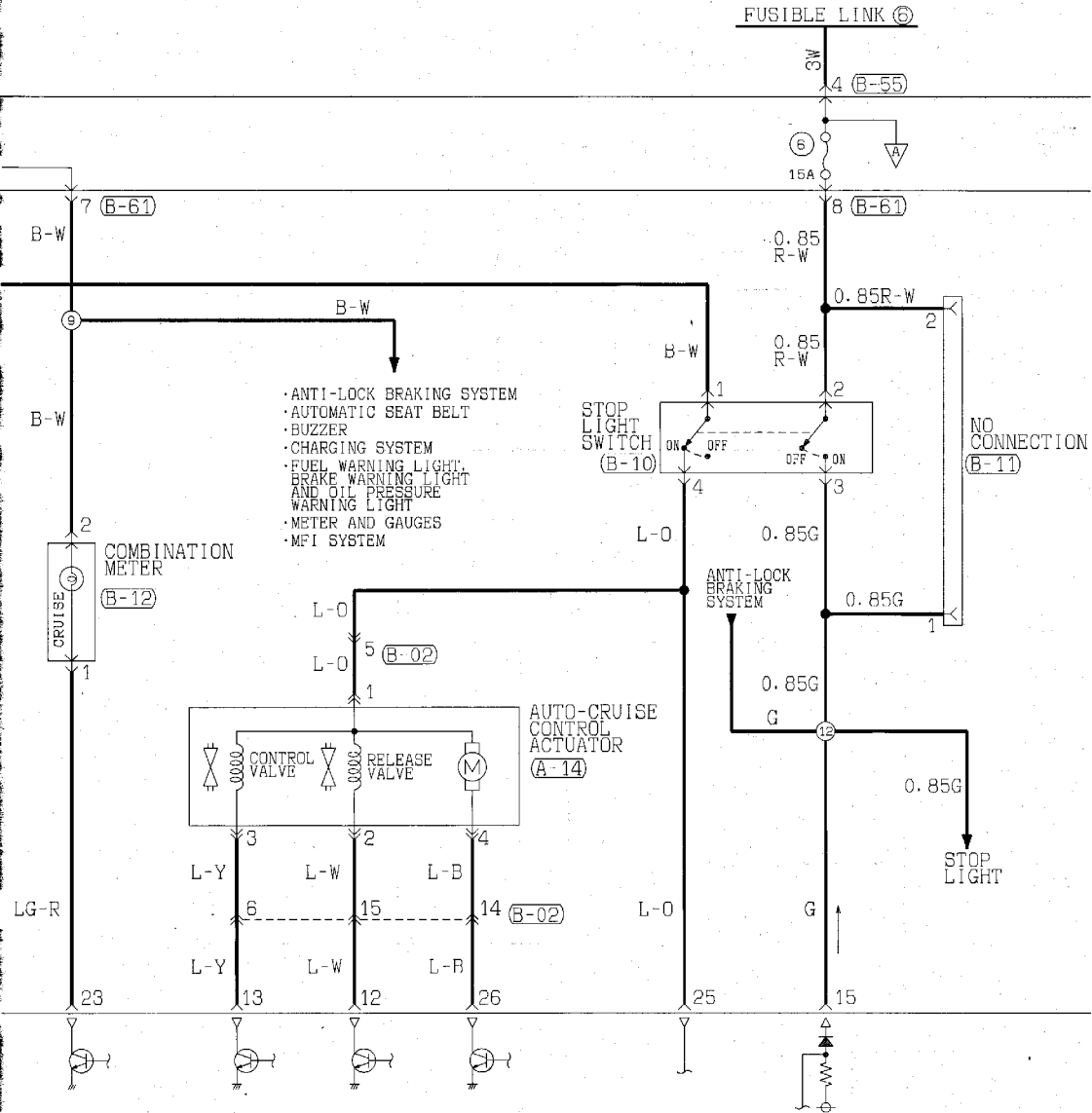
1	2	3	4	5	6
7	8	9	10	11	12

(B-62)

1	2	3
4	5	6

(C-05)

1	2	3
4	5	6



(A-14)

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

(B-02)

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

(B-10)

1	2
---	---

(B-11)

1	2
---	---

(B-12)

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

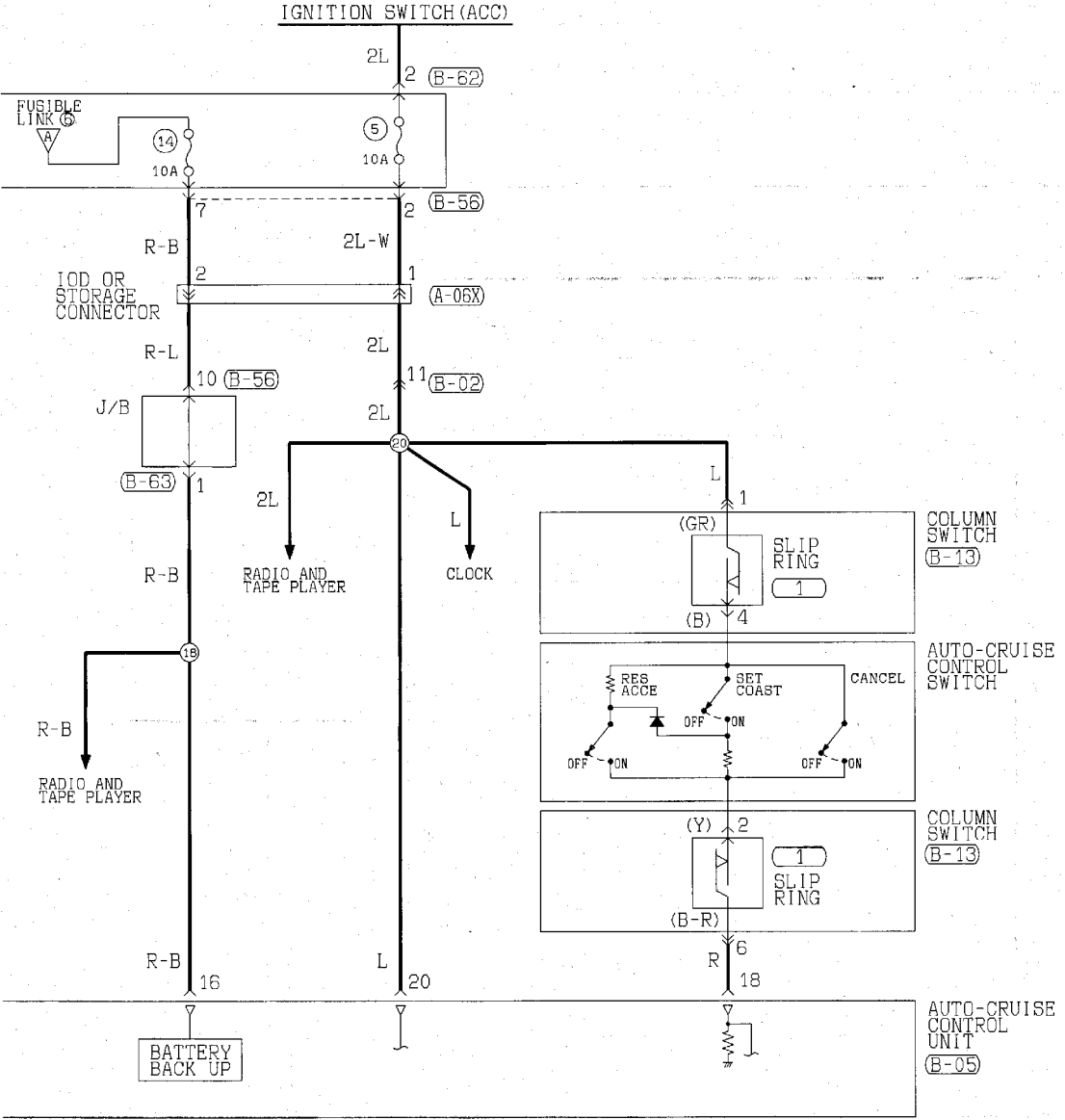
(B-55)

1	2	
3	4	5

(B-61)

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

AUTO-CRUISE CONTROL SYSTEM <M/T-1993 MODELS> (CONTINUED)



- (A-06X)

1	2
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- (B-02)

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26				
- (B-05)

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
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- (B-13)

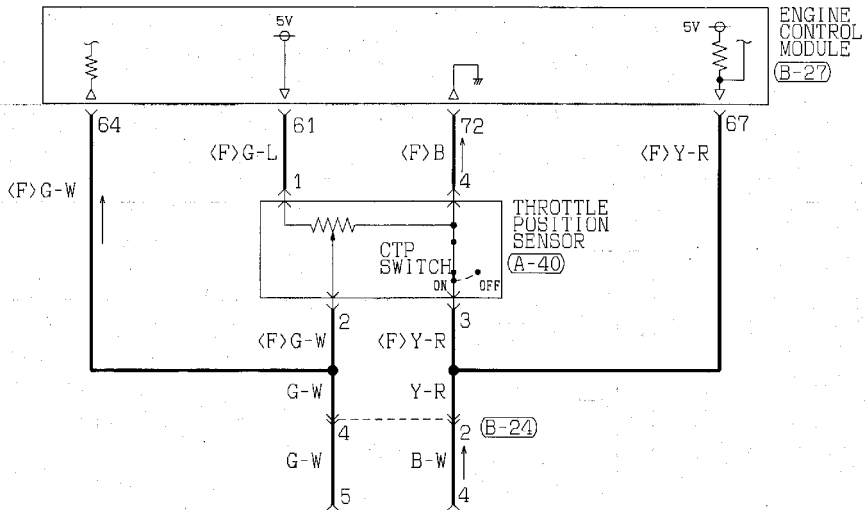
1	2
3	4
5	6
7	
- (B-56)

1	2	3	4
5	6	7	8
9	10	11	
- (B-62)

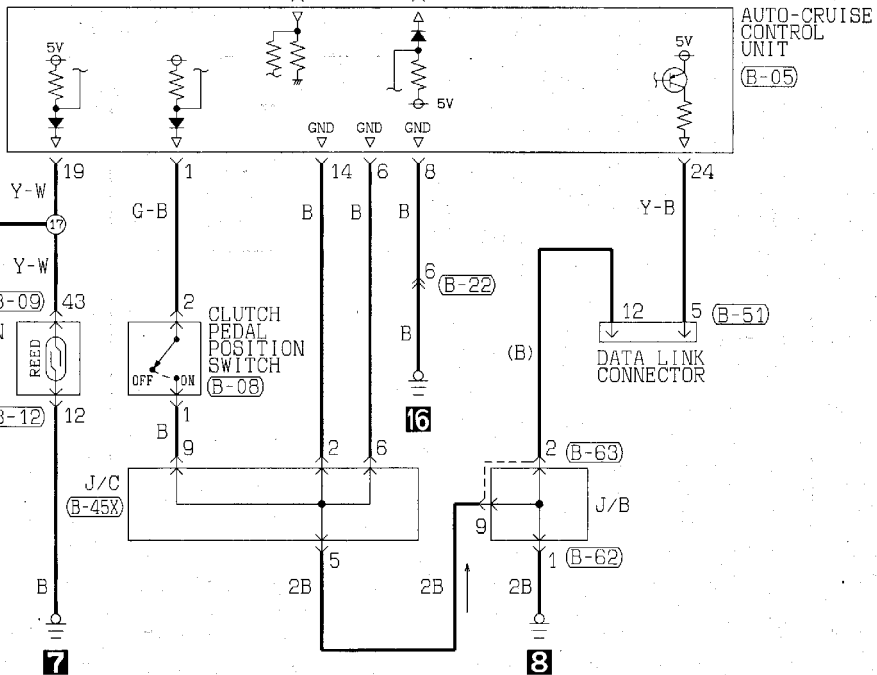
1	2	3	4	5	6
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- (B-63)

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

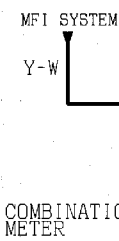
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ENGINE CONTROL MODULE (B-27)



AUTO-CRUISE CONTROL UNIT (B-05)



(A-40)

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-05)

1	2
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(B-08)

1	2
---	---

(B-09)

3	13	33	34	35	36	37	38	39	40	41	42	
43	44	45	46	47	48	49	50	51	52	53	54	55

(B-12)

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-22)

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

(B-51)

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

(B-24)

1	M	2	
3	4	5	6

(B-27)

5	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	63	64	65	66	67	68	69	70	71	72
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(B-45X)

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

(B-62)

1	2	3
4	5	6

(B-63)

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

FRONT SIDE

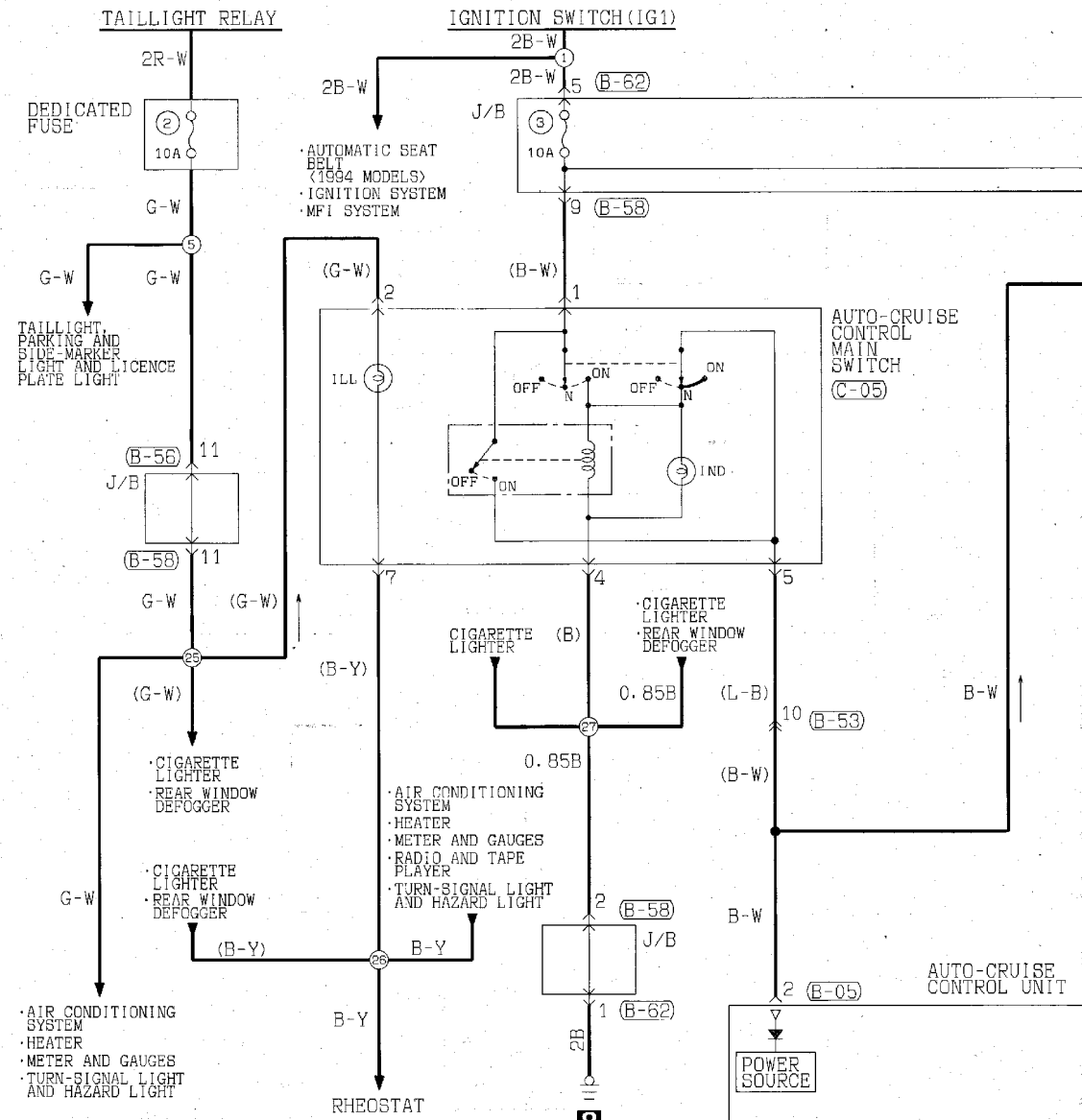
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12	11	10	9	8	7	6

REAR SIDE

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

AUTO-CRUISE CONTROL SYSTEM

<M/T-FROM 1994 MODELS>



(B-05)

(B-53)

(B-56)

(B-58)

(B-62)

(C-05)

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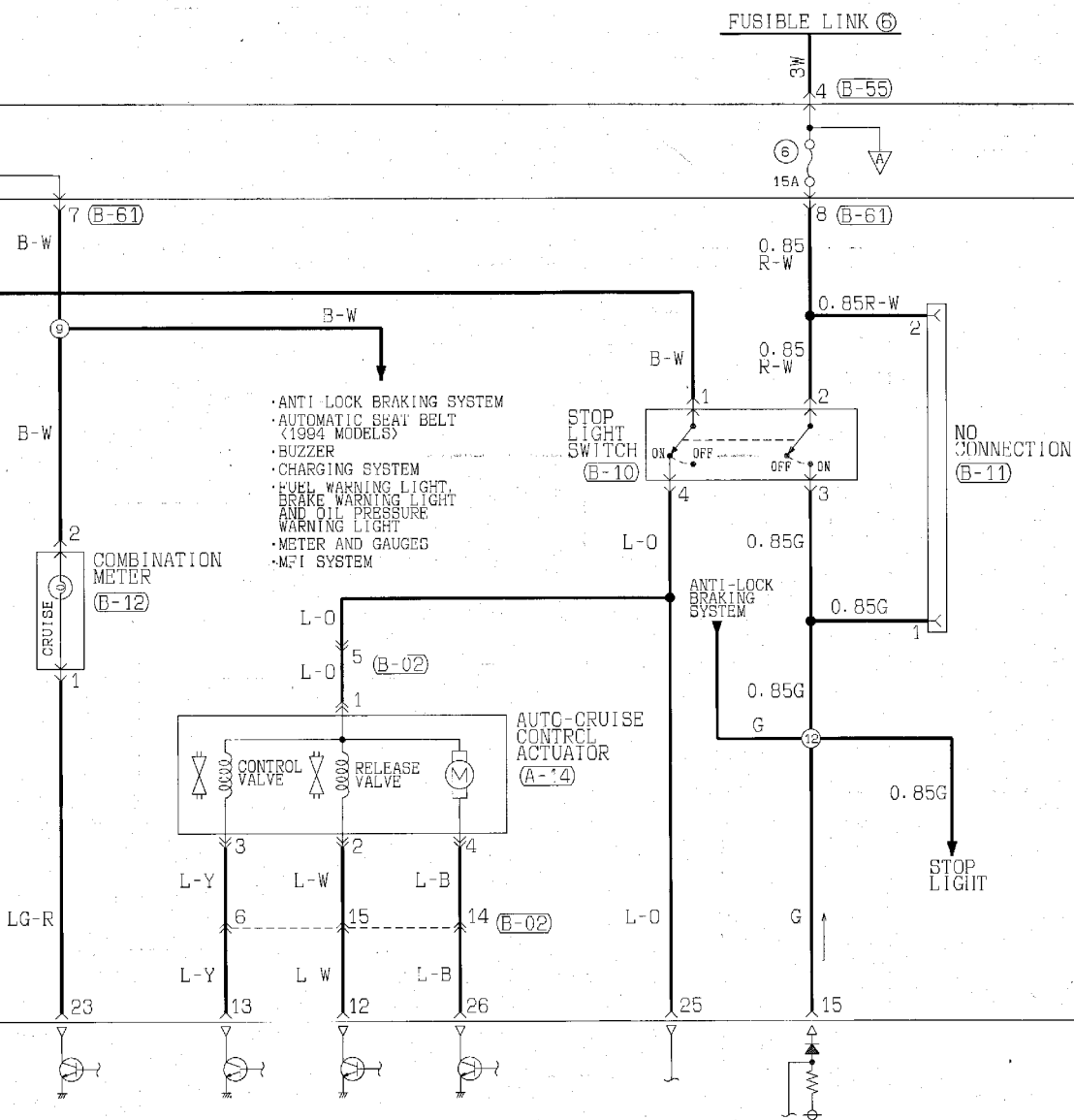
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4	1	2	3	4	5	6	7	8	9	10	11
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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1	2	3	4	5	6
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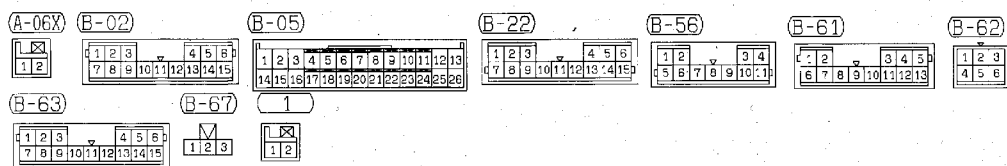
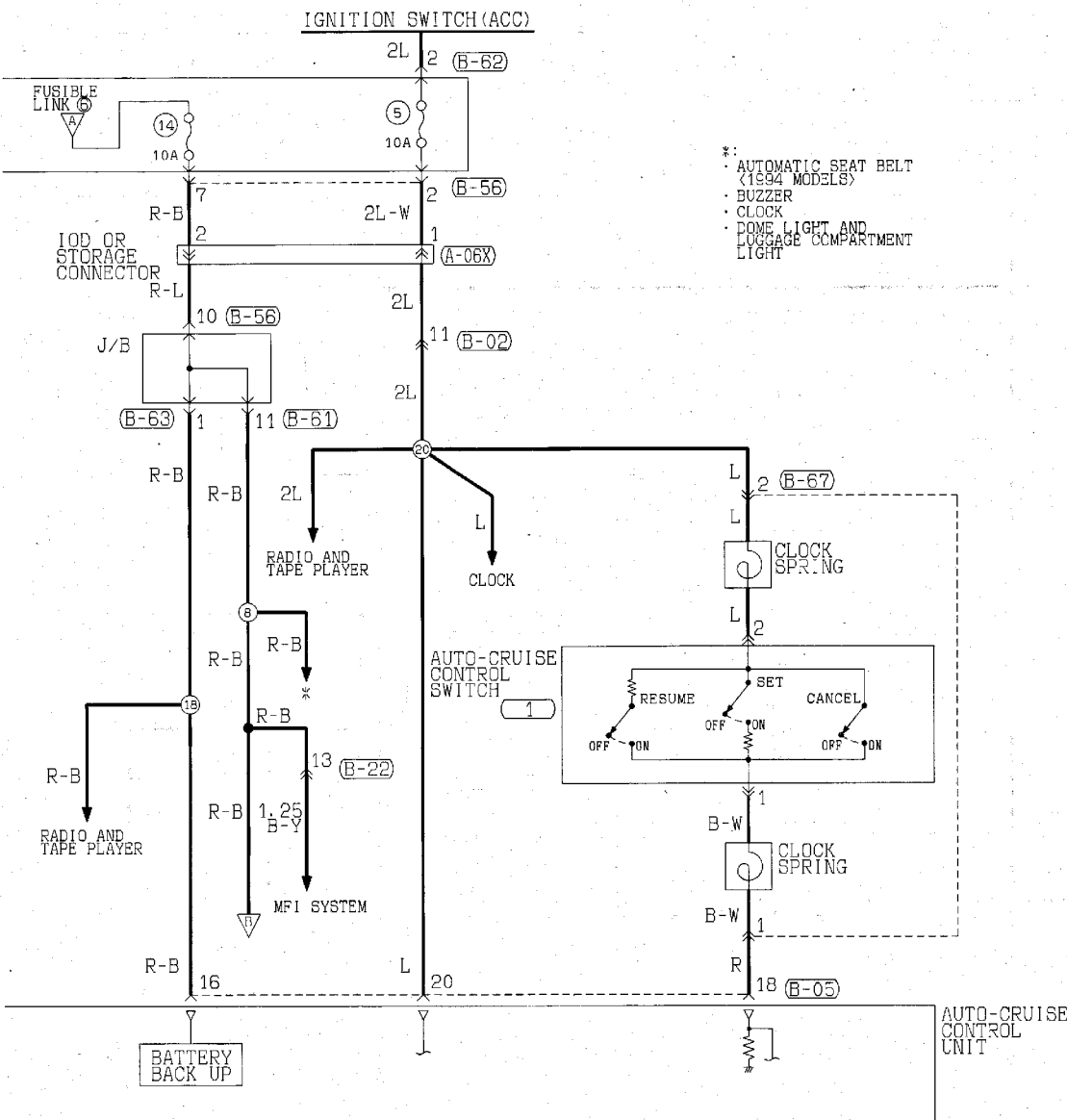
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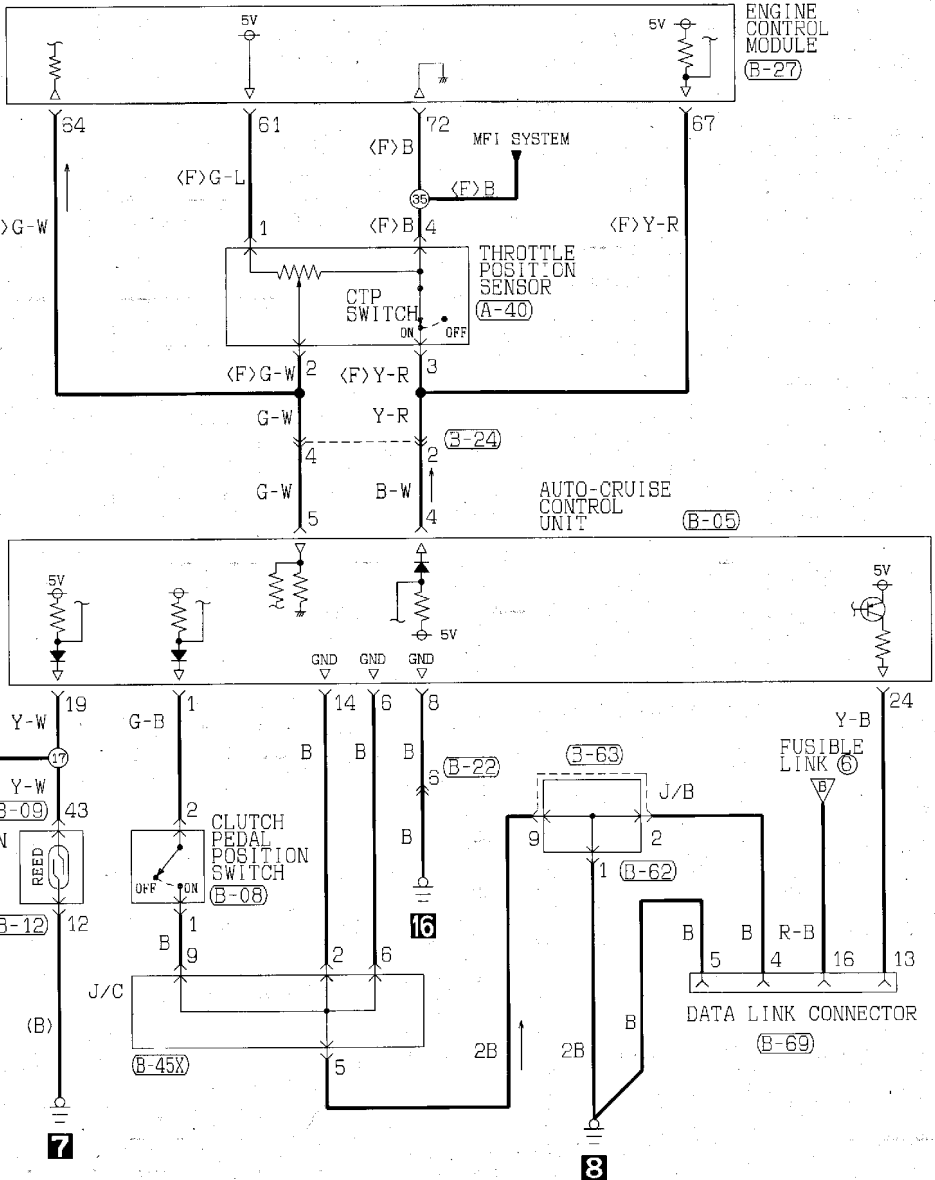


- ANTI-LOCK BRAKING SYSTEM
- AUTOMATIC SEAT BELT (1994 MODELS)
- BUZZER
- CHARGING SYSTEM
- FUEL WARNING LIGHT
- BRAKE WARNING LIGHT AND OIL PRESSURE WARNING LIGHT
- METER AND GAUGES
- MFI SYSTEM

(A-14)	(B-02)	(B-10)	(B-11)	(B-12)	(B-55)	(B-61)																																																																														
<table border="1"> <tr><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td></tr> </table>	1	2	3	4	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td></tr> </table>	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	<table border="1"> <tr><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td></tr> </table>	1	2	3	4	<table border="1"> <tr><td>1</td></tr> <tr><td>2</td></tr> </table>	1	2	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td></tr> </table>	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	<table border="1"> <tr><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td><td>5</td></tr> </table>	1	2	3	4	5	<table border="1"> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr> <tr><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr> </table>	1	2	3	4	5	6	7	8	9	10	11	12	13
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AUTO-CRUISE CONTROL SYSTEM <M/T-FROM 1994 MODELS> (CONTINUED)





(A-40)

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-05)

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
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(B-08)

1	2
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(B-09)

3	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
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(B-12)

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

(B-22)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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(B-24)

1	2	3	4	5	6
---	---	---	---	---	---

(B-27)

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

(B-45X)

1	2	3	4	5	6	7	8	9	10	11	12	13	14
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(B-62)

1	2	3	4	5	6
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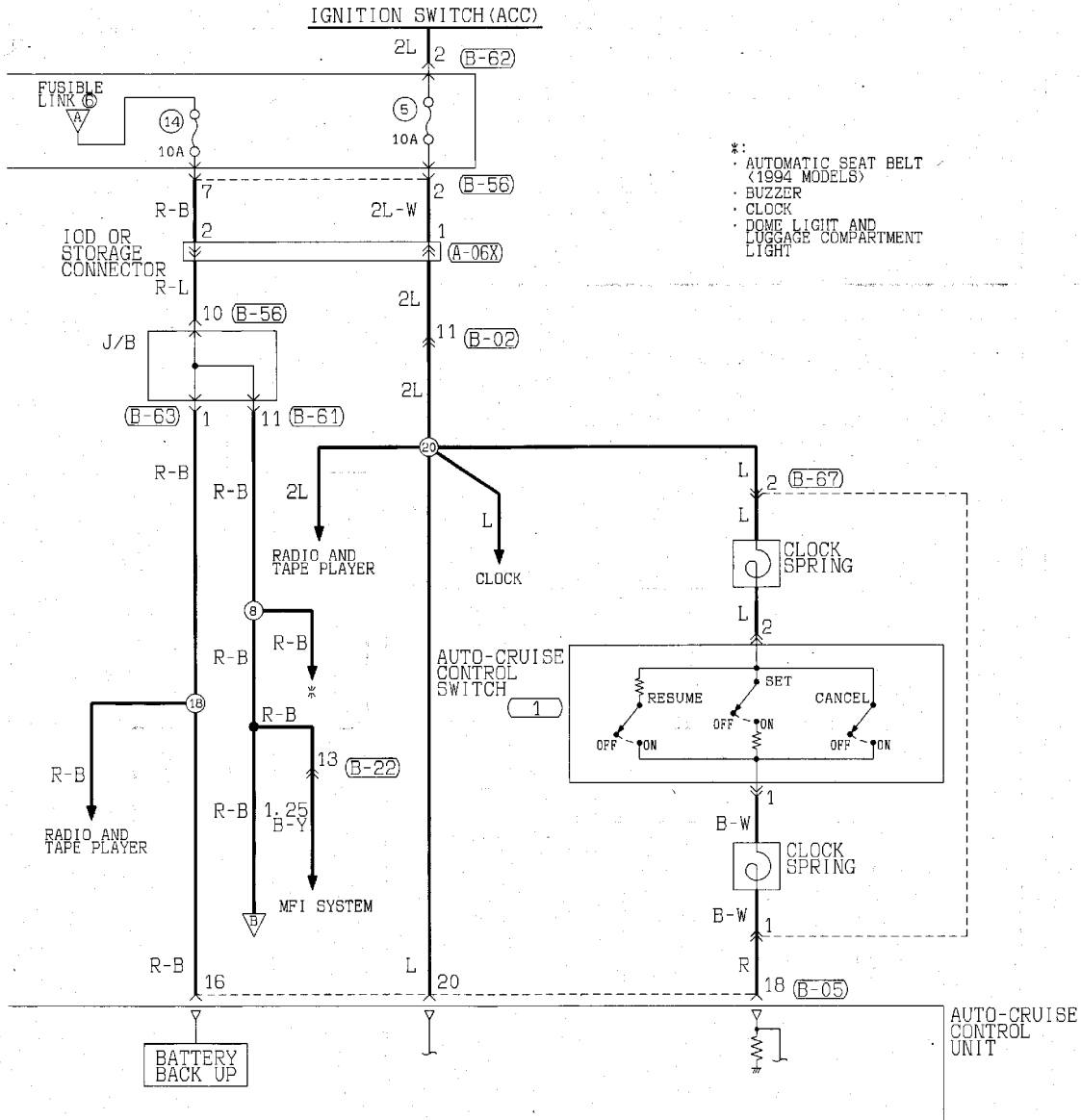
(B-63)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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(B-69) FRONT SIDE

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

AUTO-CRUISE CONTROL SYSTEM <M/T-FROM 1994 MODELS> (CONTINUED)



- *: AUTOMATIC SEAT BELT (1994 MODELS)
- BUZZER
- CLOCK
- DOME LIGHT AND LUGGAGE COMPARTMENT LIGHT

(A-06X)

1	2

(B-02)

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

(B-05)

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-22)

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

(B-56)

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

(B-61)

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

(B-62)

1	2	3	4	5	6

(B-63)

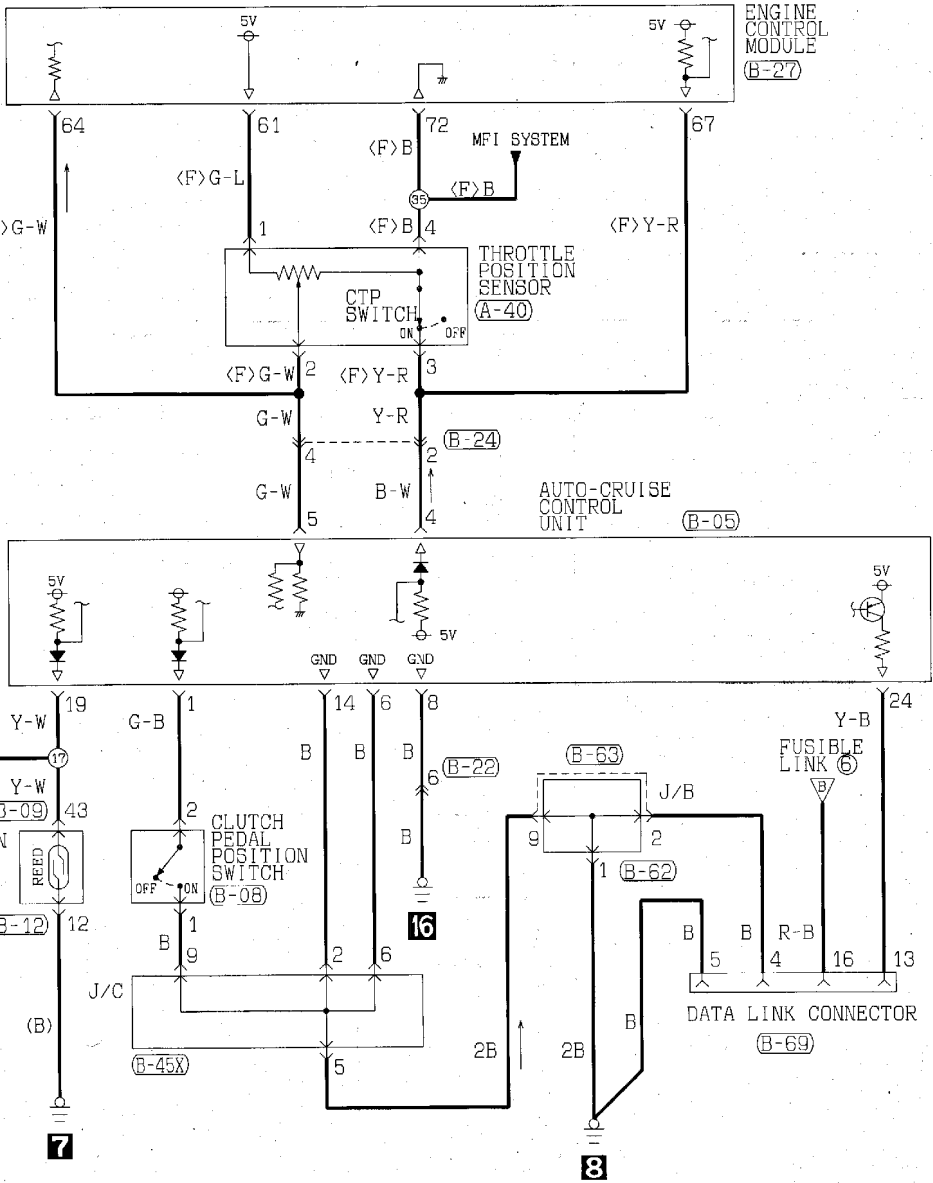
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15			

(B-67)

1	2	3

(1)

1	2



(A-40)

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-05)

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

(B-08)

1	2
---	---

(B-09)

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

(B-12)

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

(B-22)

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

(B-24)

1	2	3	4	5	6
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(B-27)

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

(B-45X)

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	12	13	14	15

(B-63)

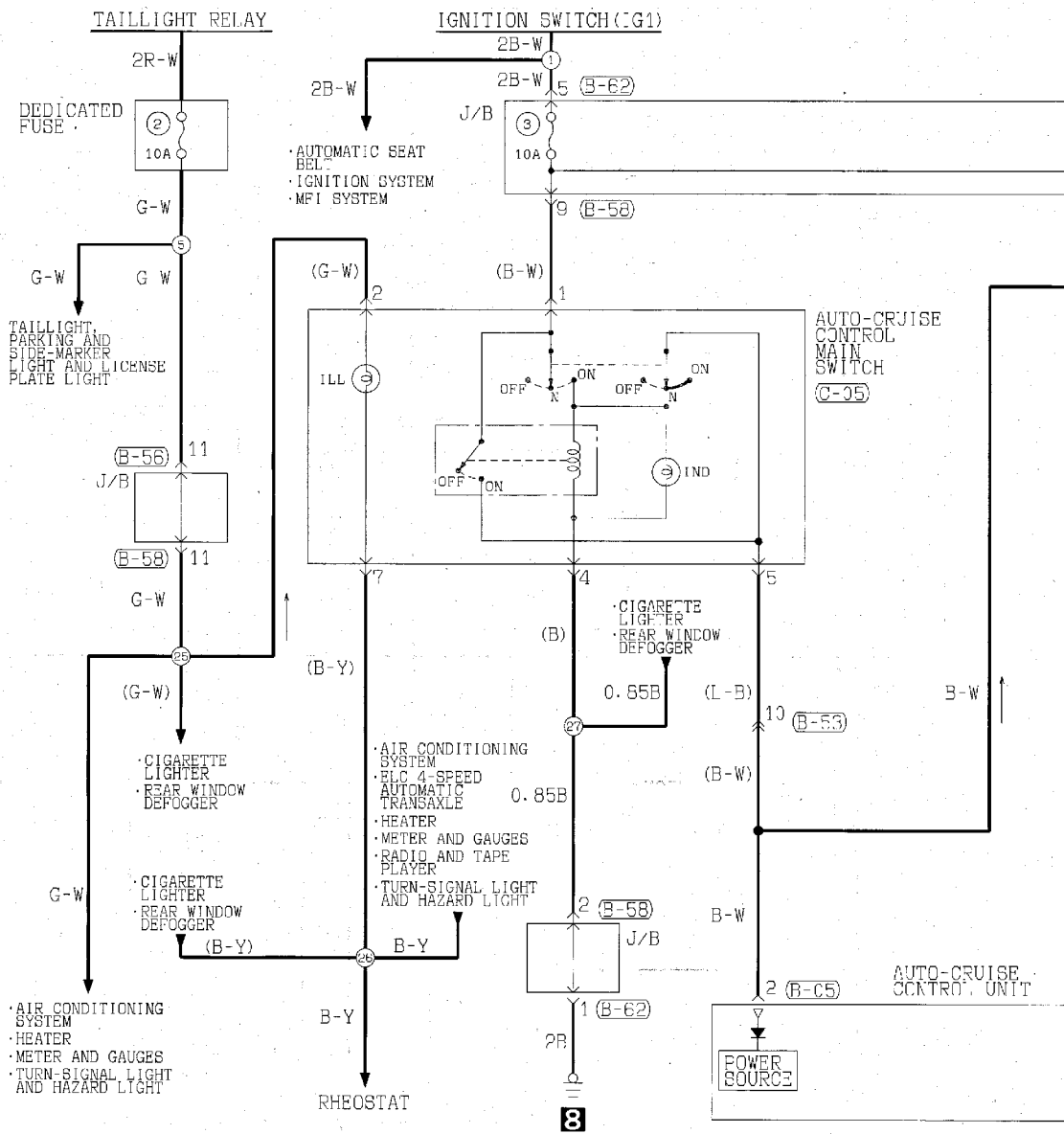
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7	8	9	10	11	12	13	14	15

(B-69) FRONT SIDE

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

AUTO-CRUISE CONTROL SYSTEM

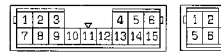
<A/T-1993 MODELS>



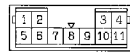
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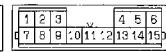
(B-53)



(B-56)



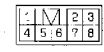
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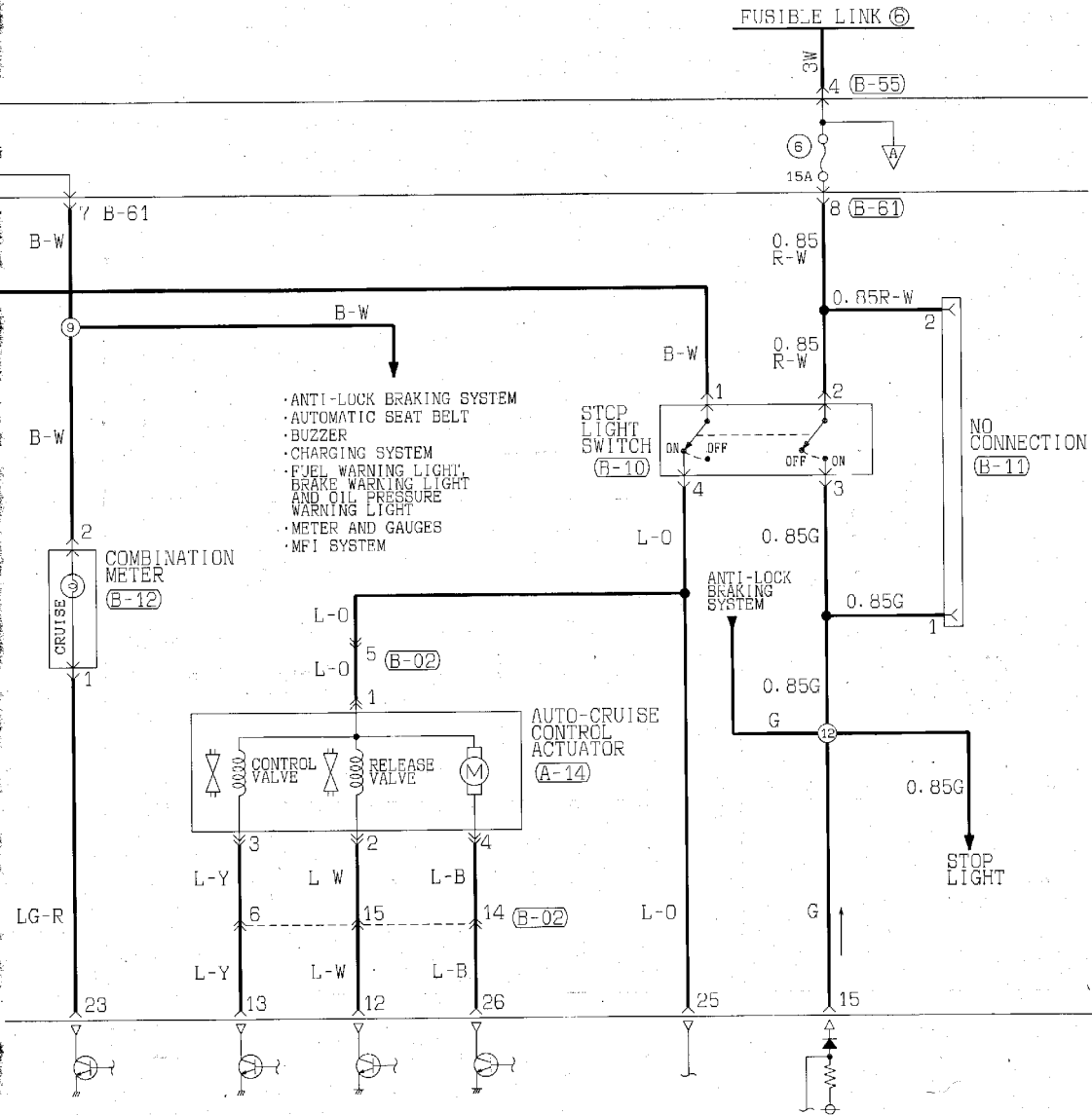


(B-62)



(C-05)





(A-14)

(B-02)

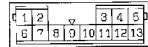
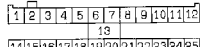
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(B-11)

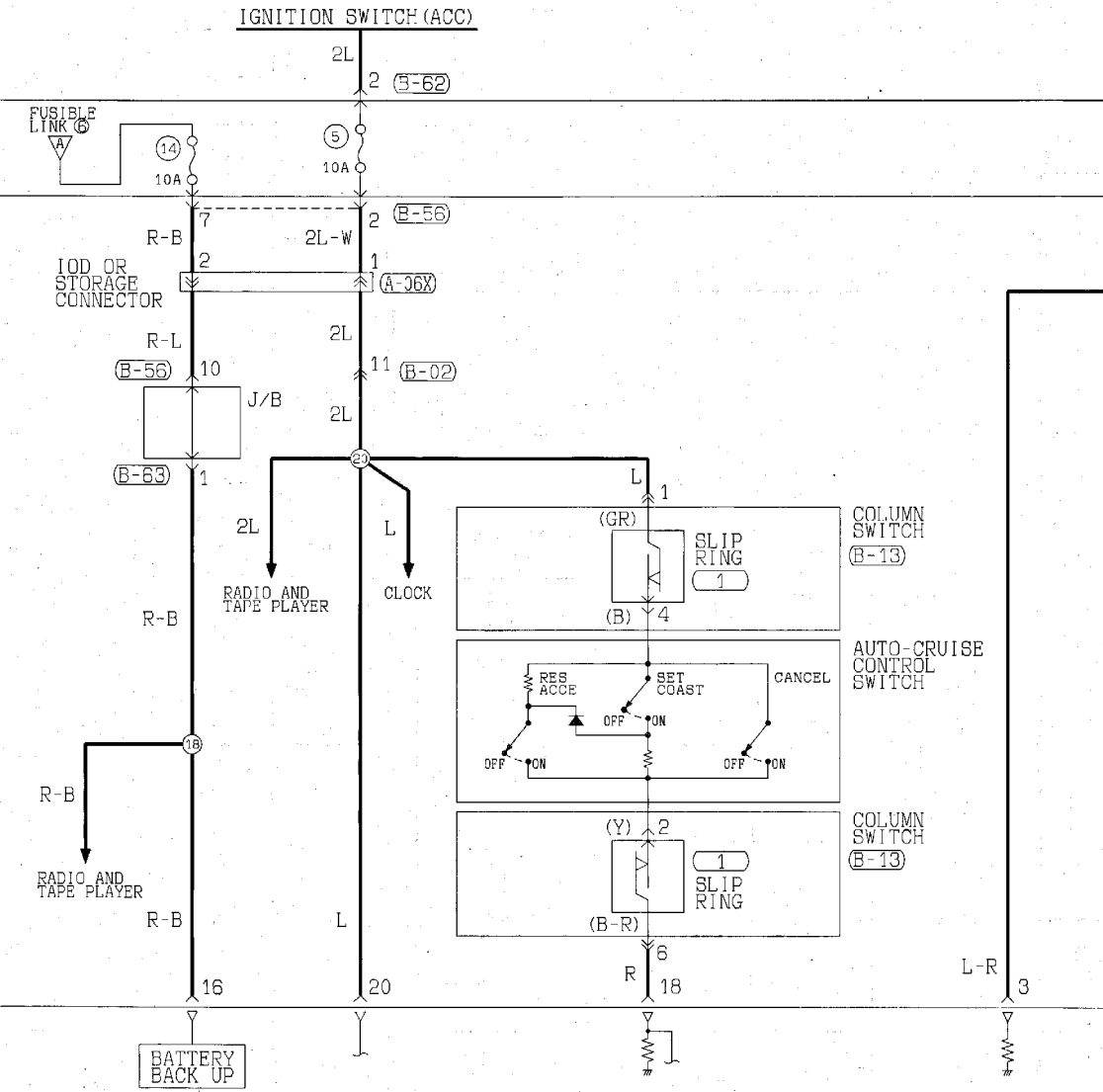
(B-12)

(B-55)

(B-61)

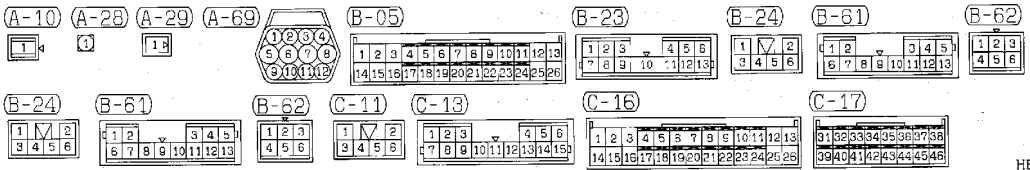
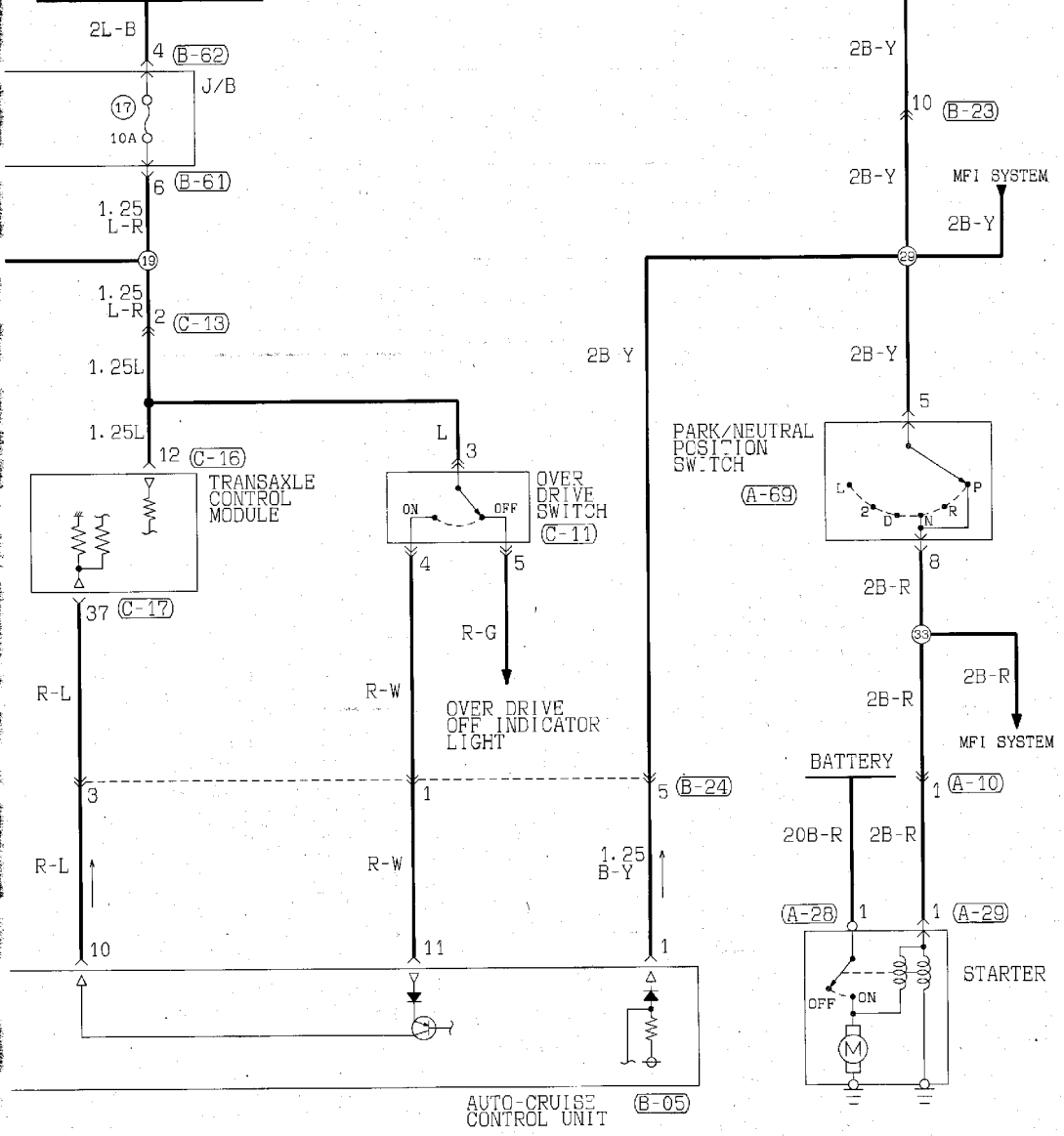


AUTO-CRUISE CONTROL SYSTEM <A/T-1993 MODELS> (CONTINUED)

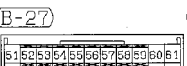
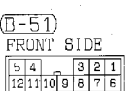
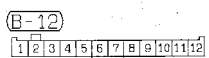
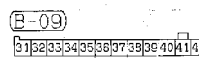
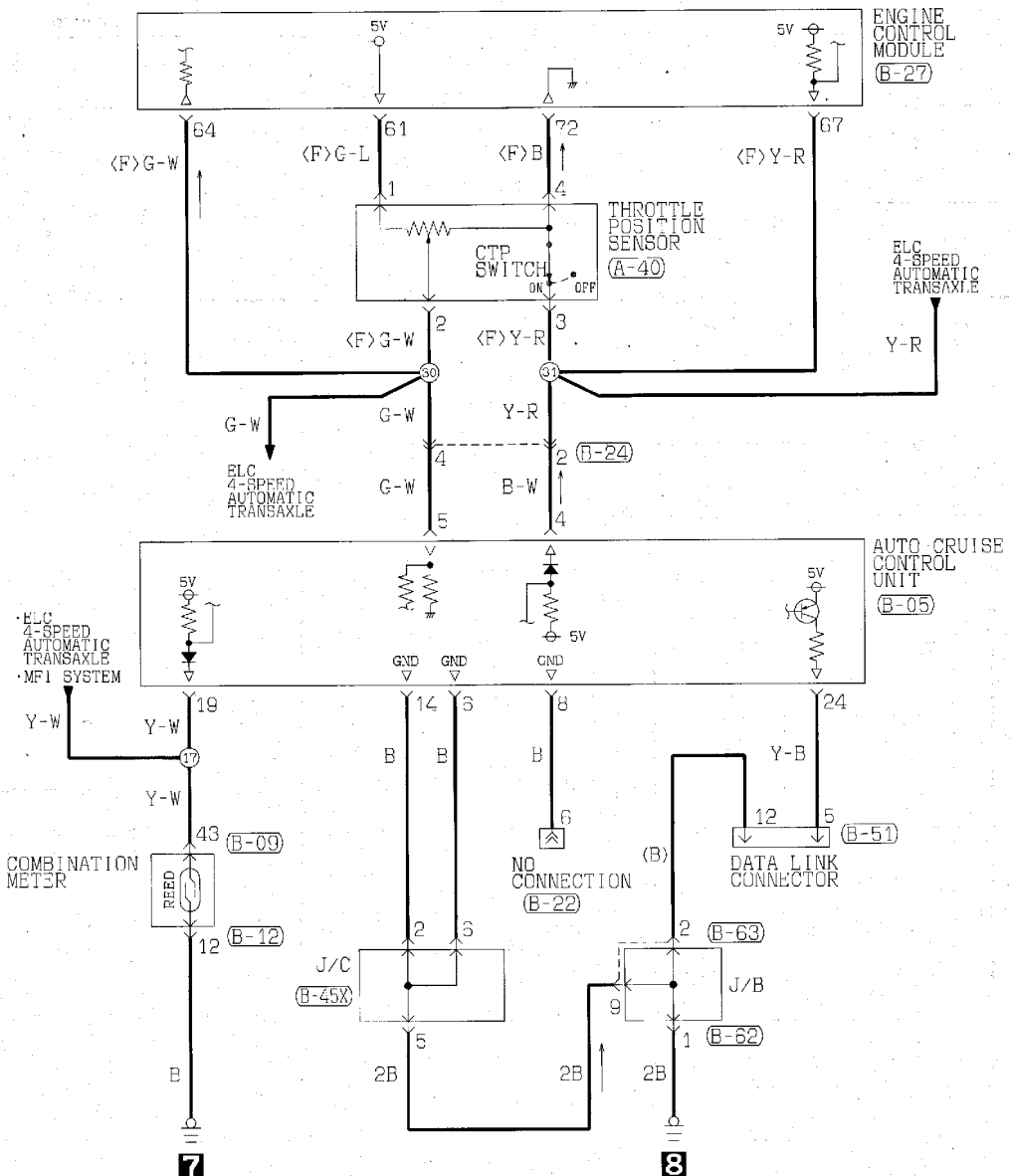


IGNITION SWITCH (IG2)

IGNITION SWITCH (ST)

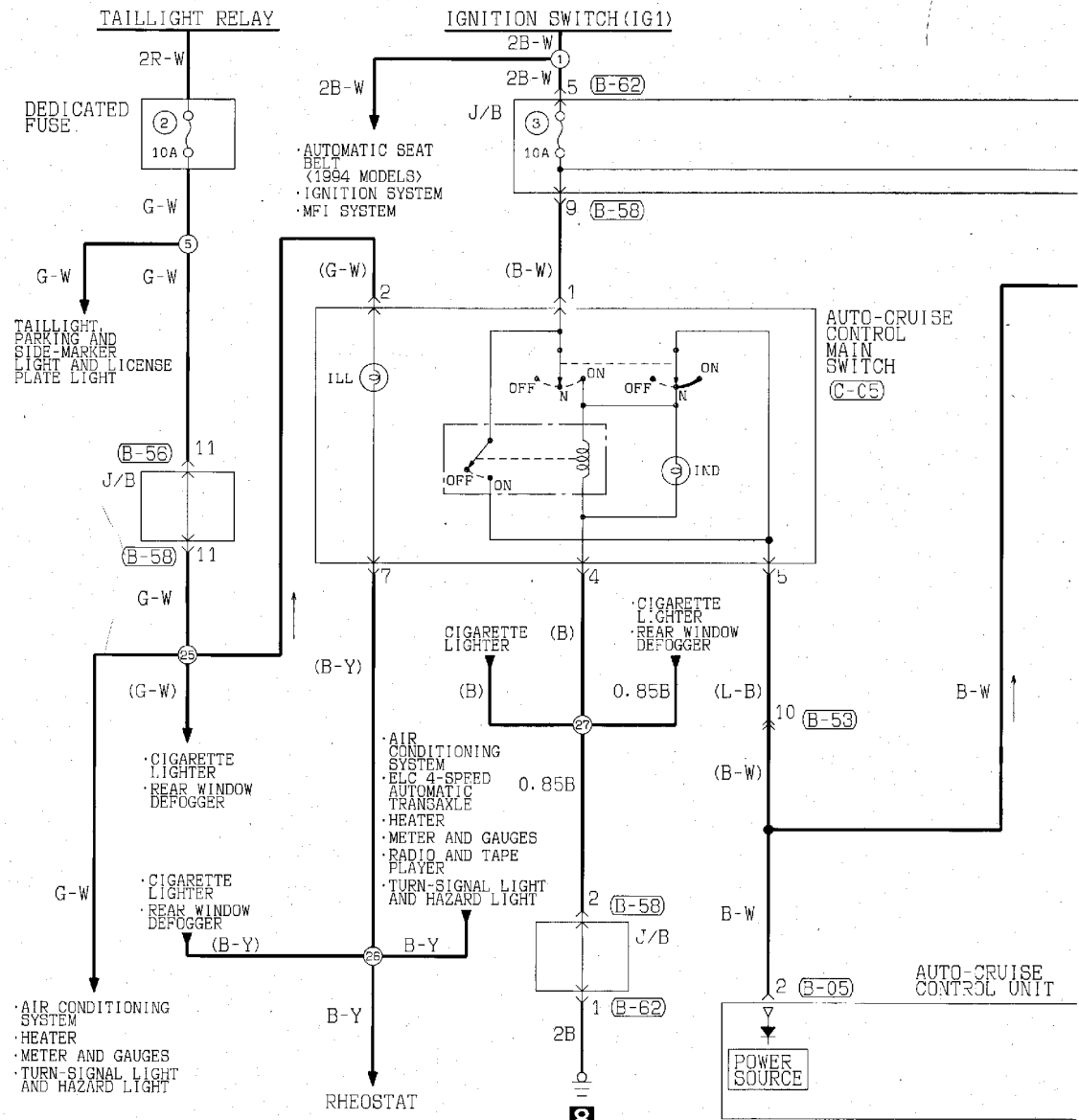


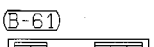
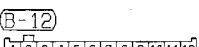
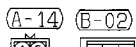
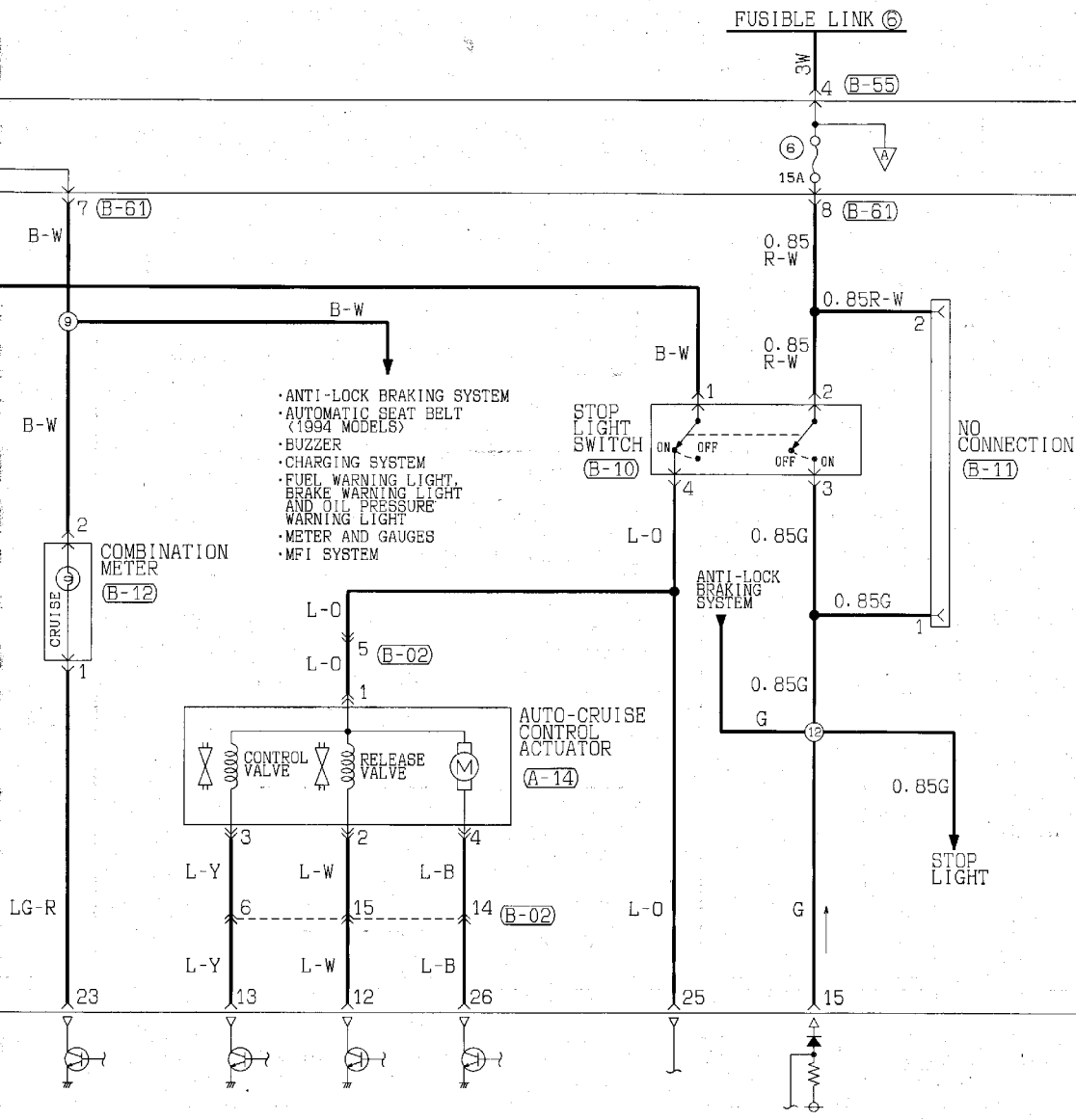
AUTO-CRUISE CONTROL SYSTEM <A/T-1993 MODELS> (CONTINUED)



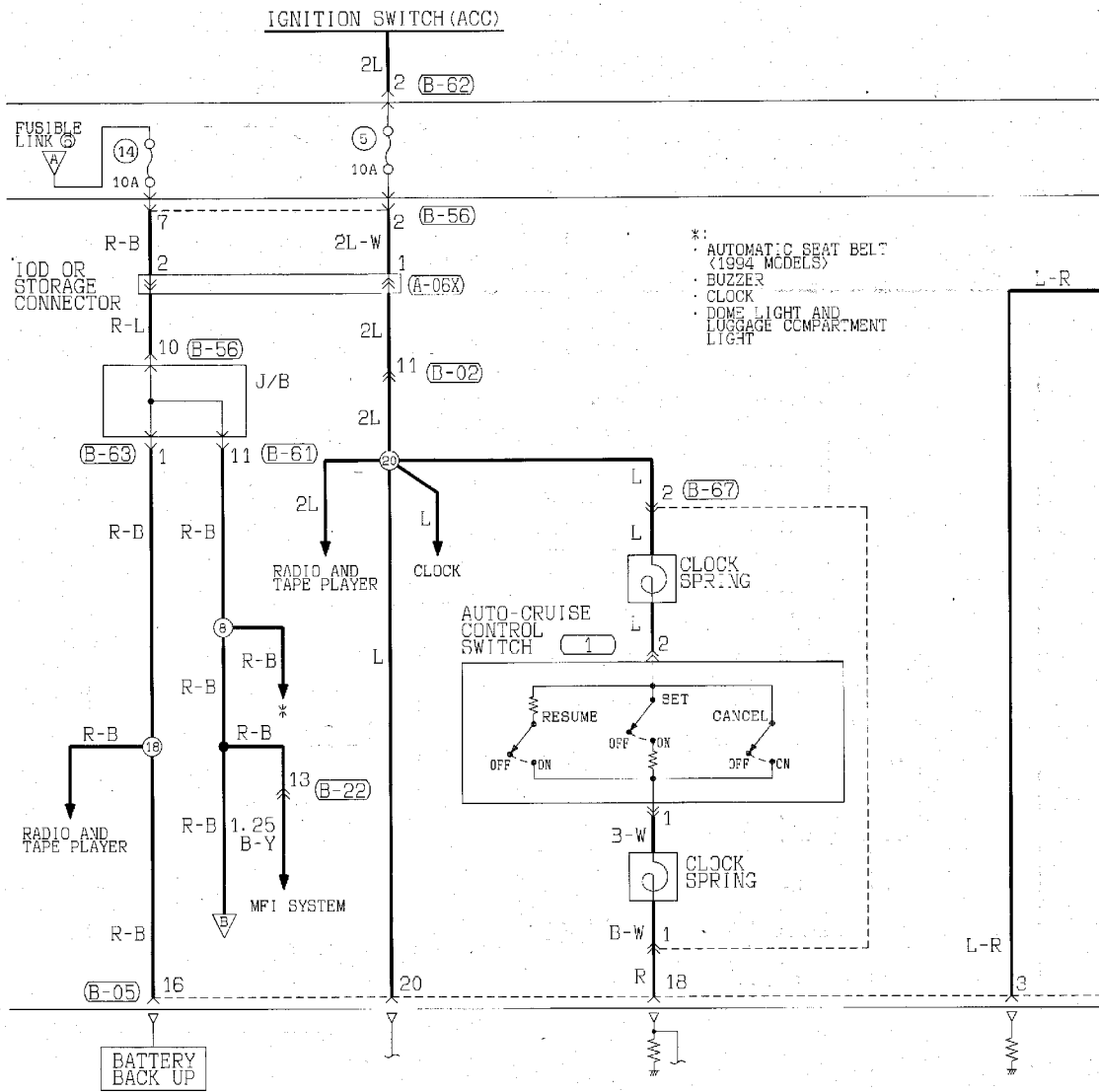
AUTO-CRUISE CONTROL SYSTEM

<A/T-FROM 1994 MODELS>

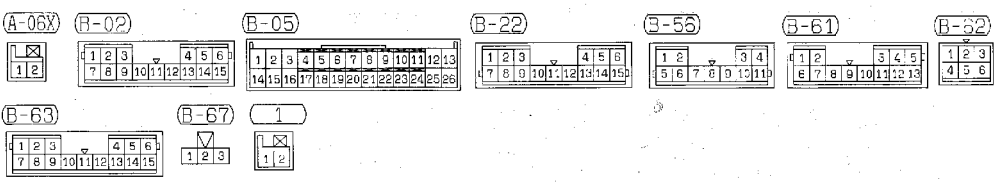


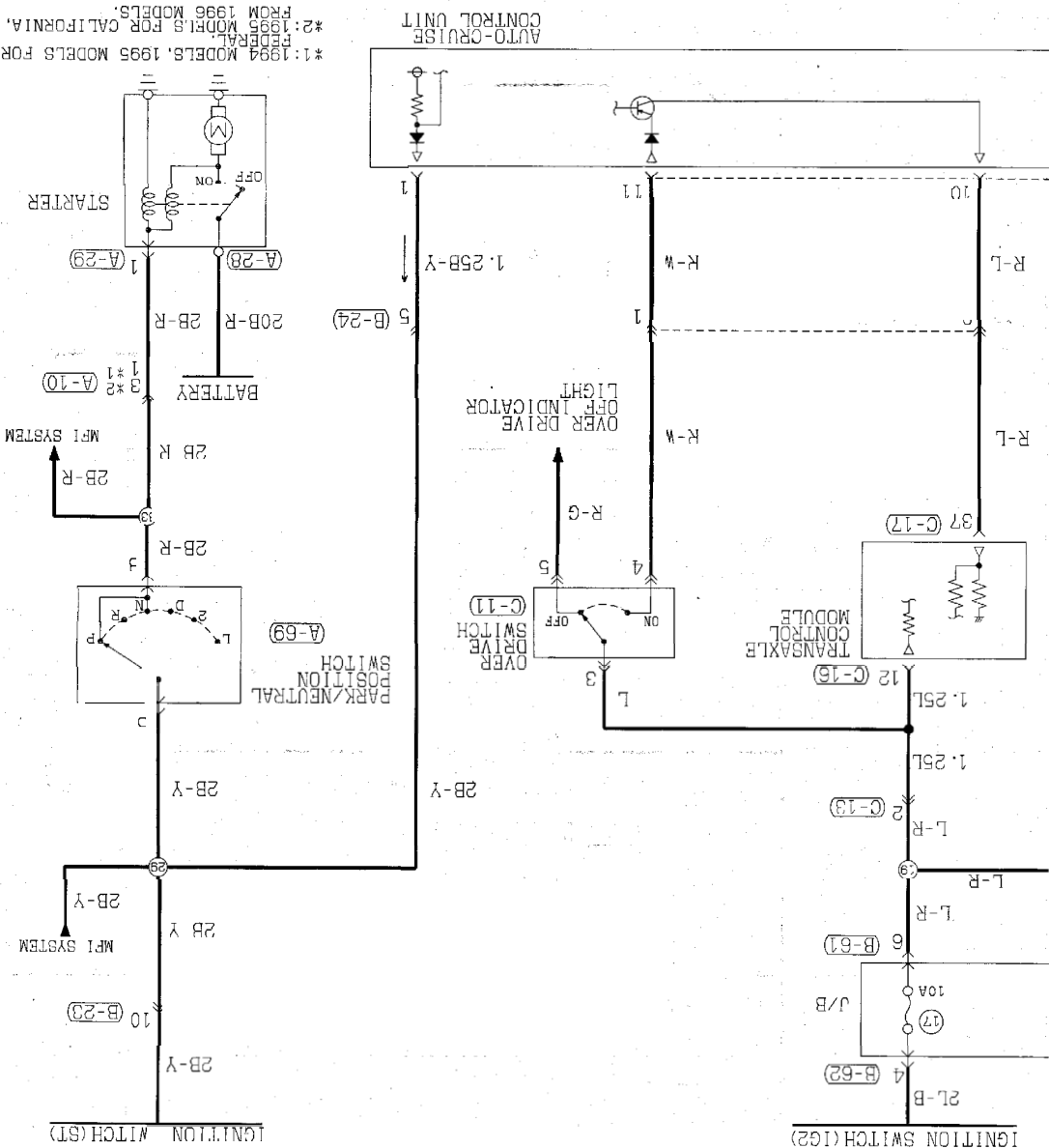


AUTO-CRUISE CONTROL SYSTEM <A/T-FROM 1994 MODELS> (CONTINUED)



- *: AUTOMATIC SEAT BELT (1994 MODELS)
- BUZZER
- CLOCK
- DOME LIGHT AND LUGGAGE COMPARTMENT LIGHT



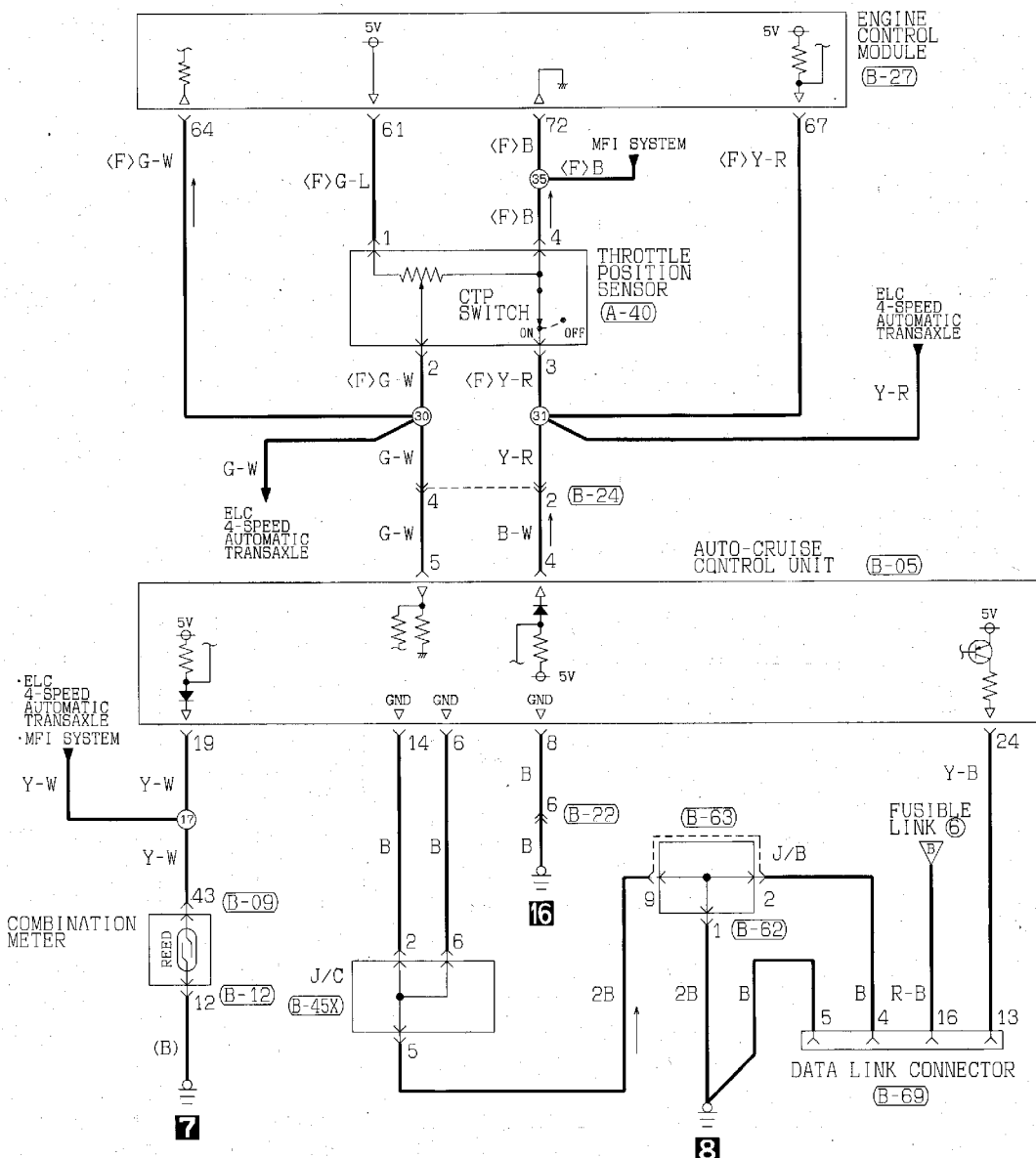


*1: 1994 MODELS, 1995 MODELS FOR FEDERAL
 *2: 1995 MODELS FOR CALIFORNIA,
 FROM 1996 MODELS.

TSB Revision

1 2 3 4 5 6	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	1 2 3 4 5 6 7 8 9 10 11 12 13
(A-10)	(A-28) (A-29) (A-69)	(B-23)	(B-24)
(A-11)	(B-62)	(B-61)	(B-62)
(C-13)	(C-16)	(C-17)	(C-17)

AUTO-CRUISE CONTROL SYSTEM <A/T-FROM 1994 MODELS> (CONTINUED)

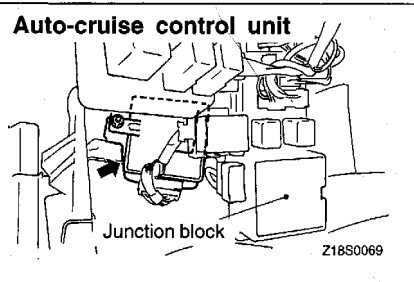


(A-40)	(B-05)	(B-09)	(B-12)	(B-22)	(B-24)																																																																																																																																																	
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(B-27)	(B-45X)	(B-62)	(B-63)	(B-69)																																																																																																																																																		
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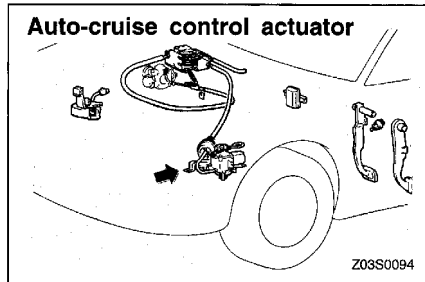
COMPONENT LOCATION

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Auto-cruise control unit

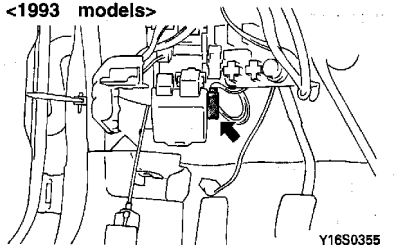


Auto-cruise control actuator

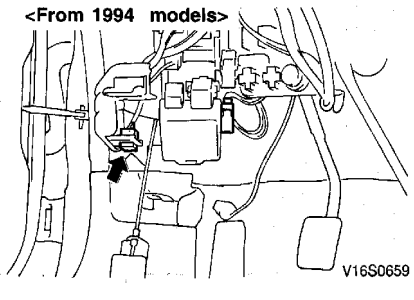


Data link connector

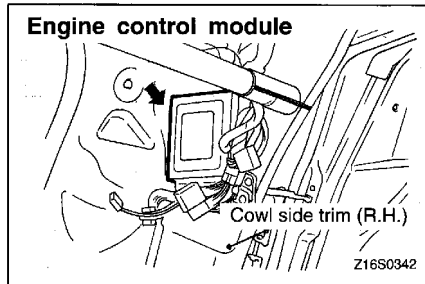
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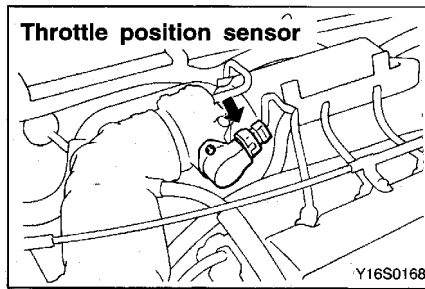
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Engine control module

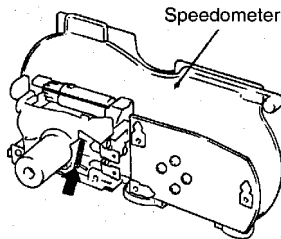


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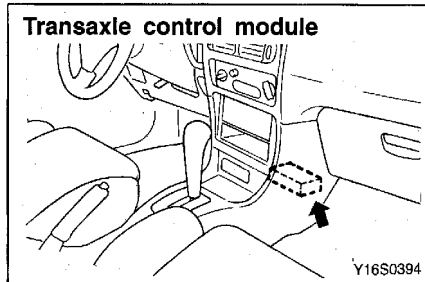


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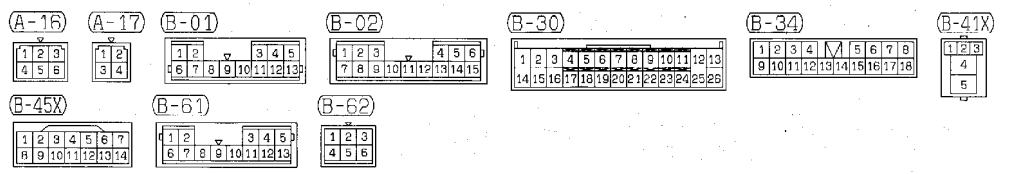
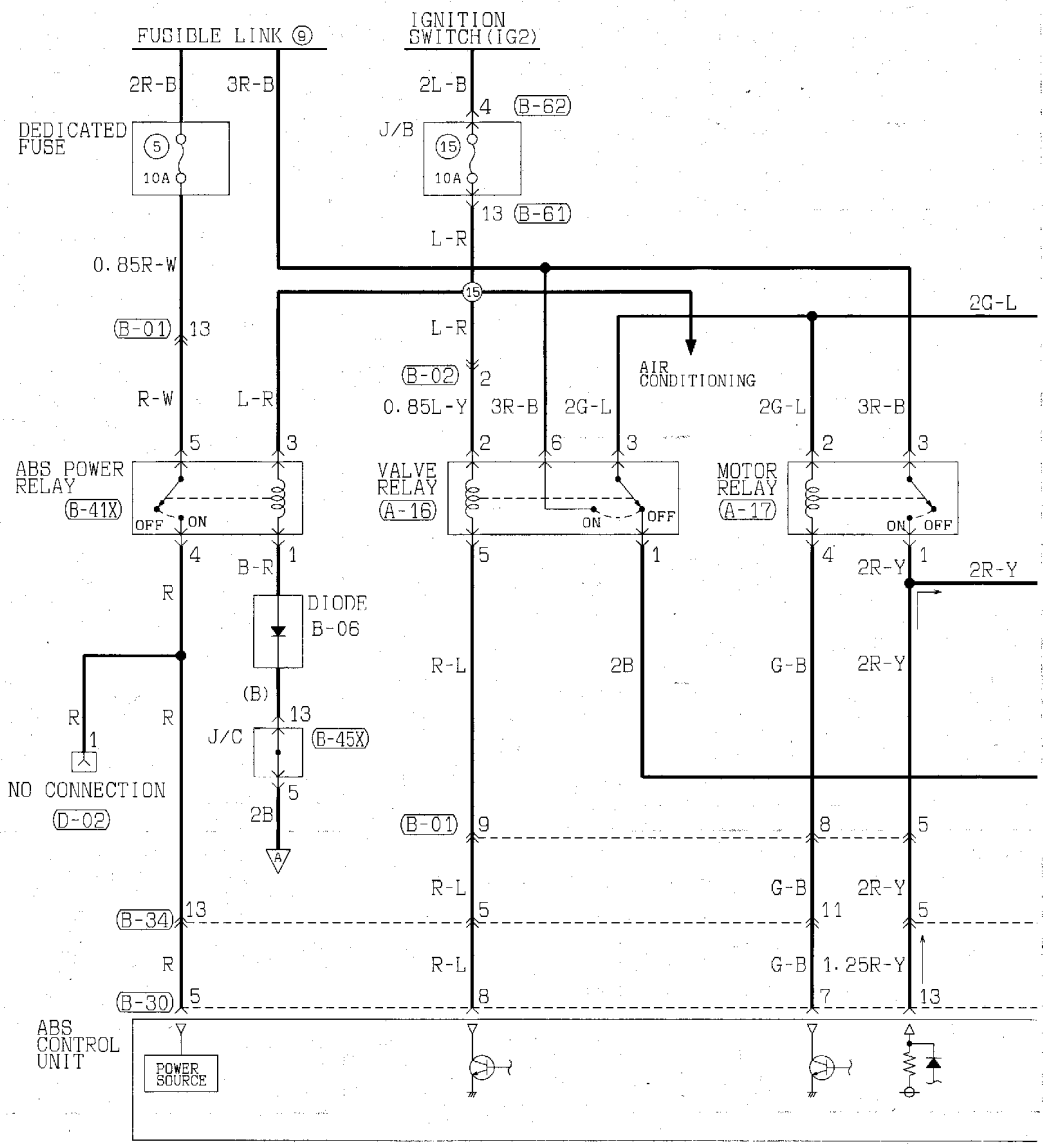
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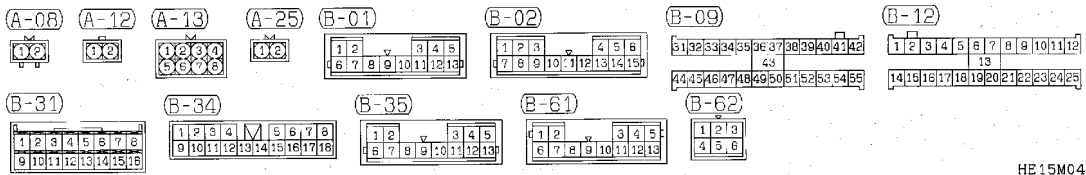
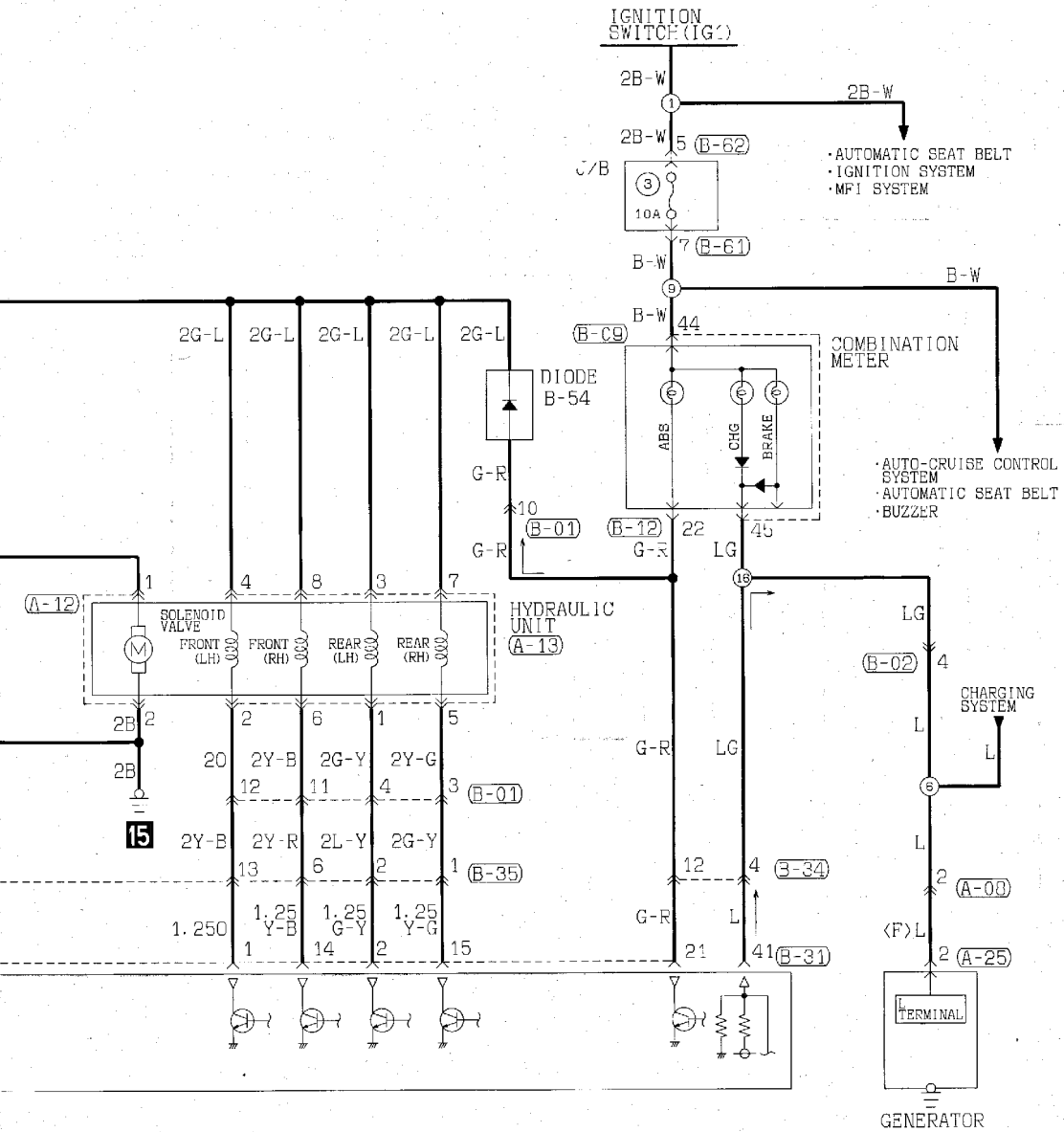


Transaxle control module

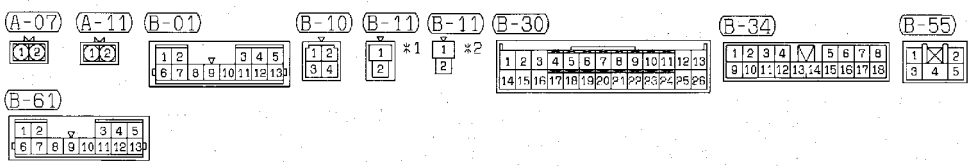
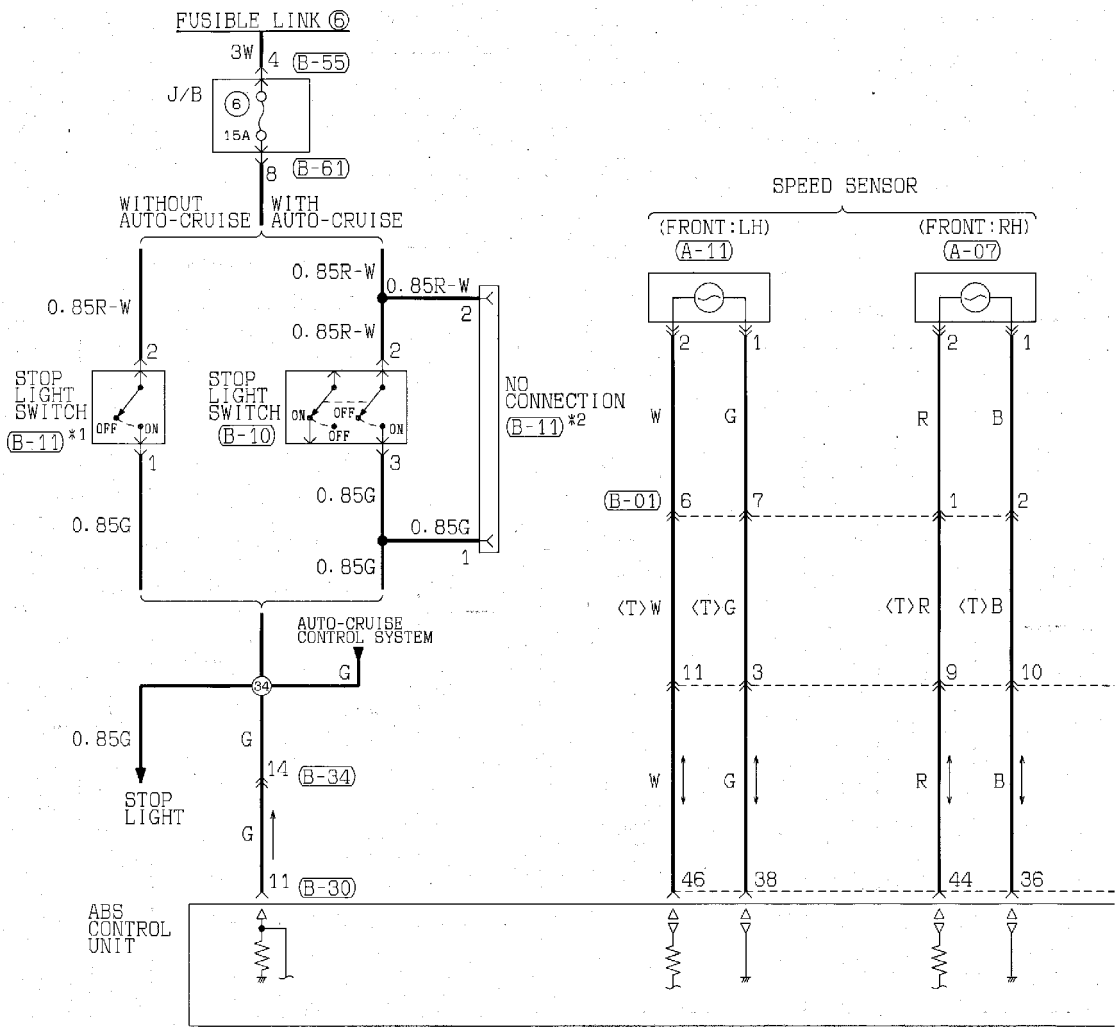


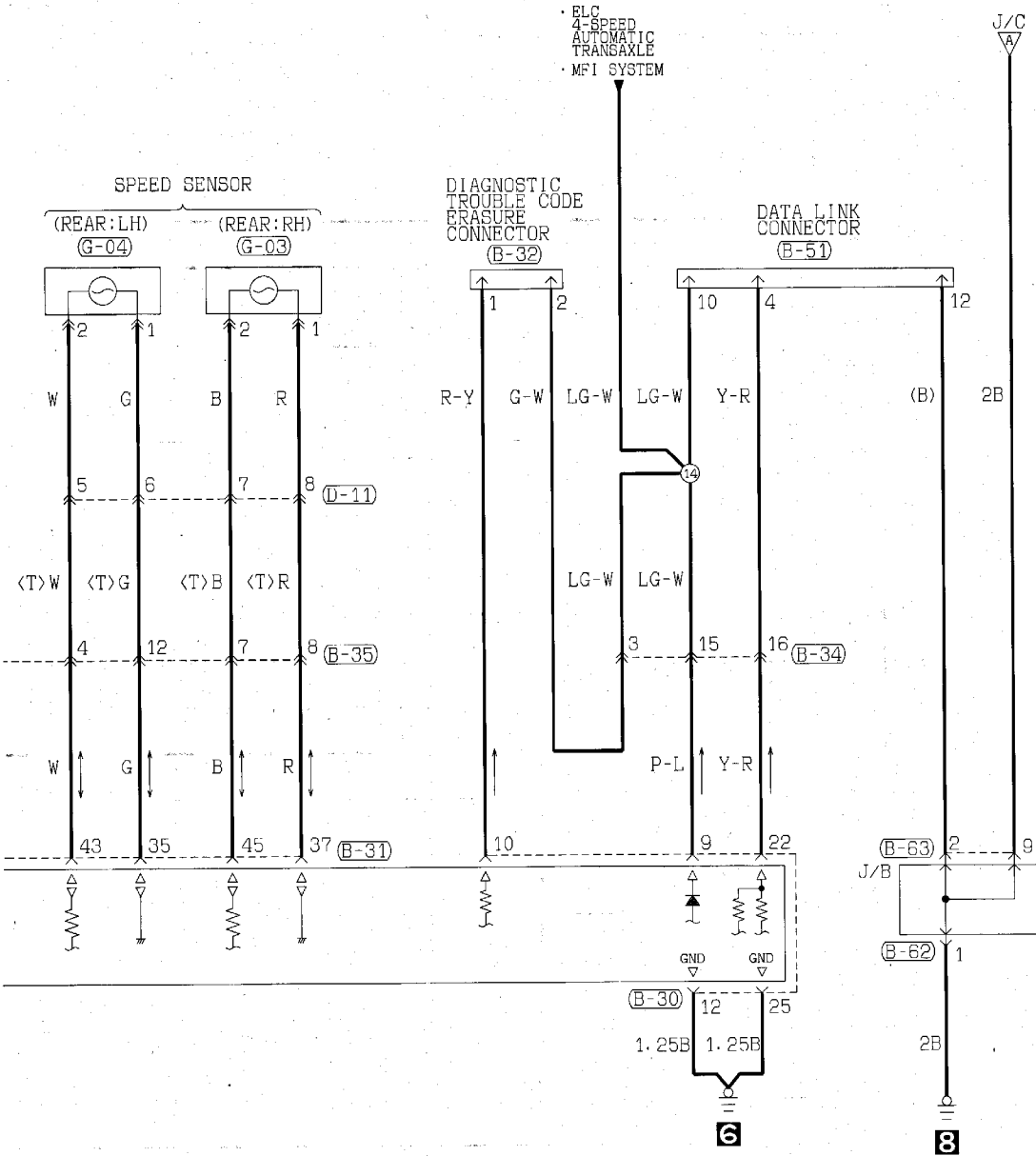
ANTI-LOCK BRAKING SYSTEM <1993 MODELS>





ANTI-LOCK BRAKING SYSTEM <1993 MODELS> (CONTINUED)

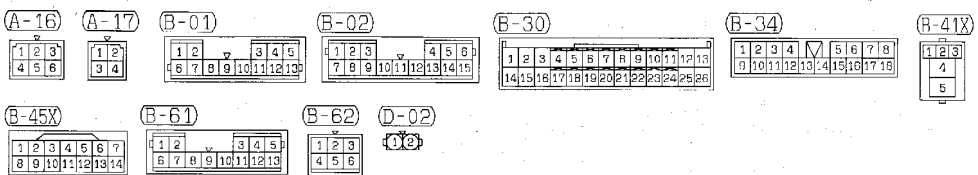
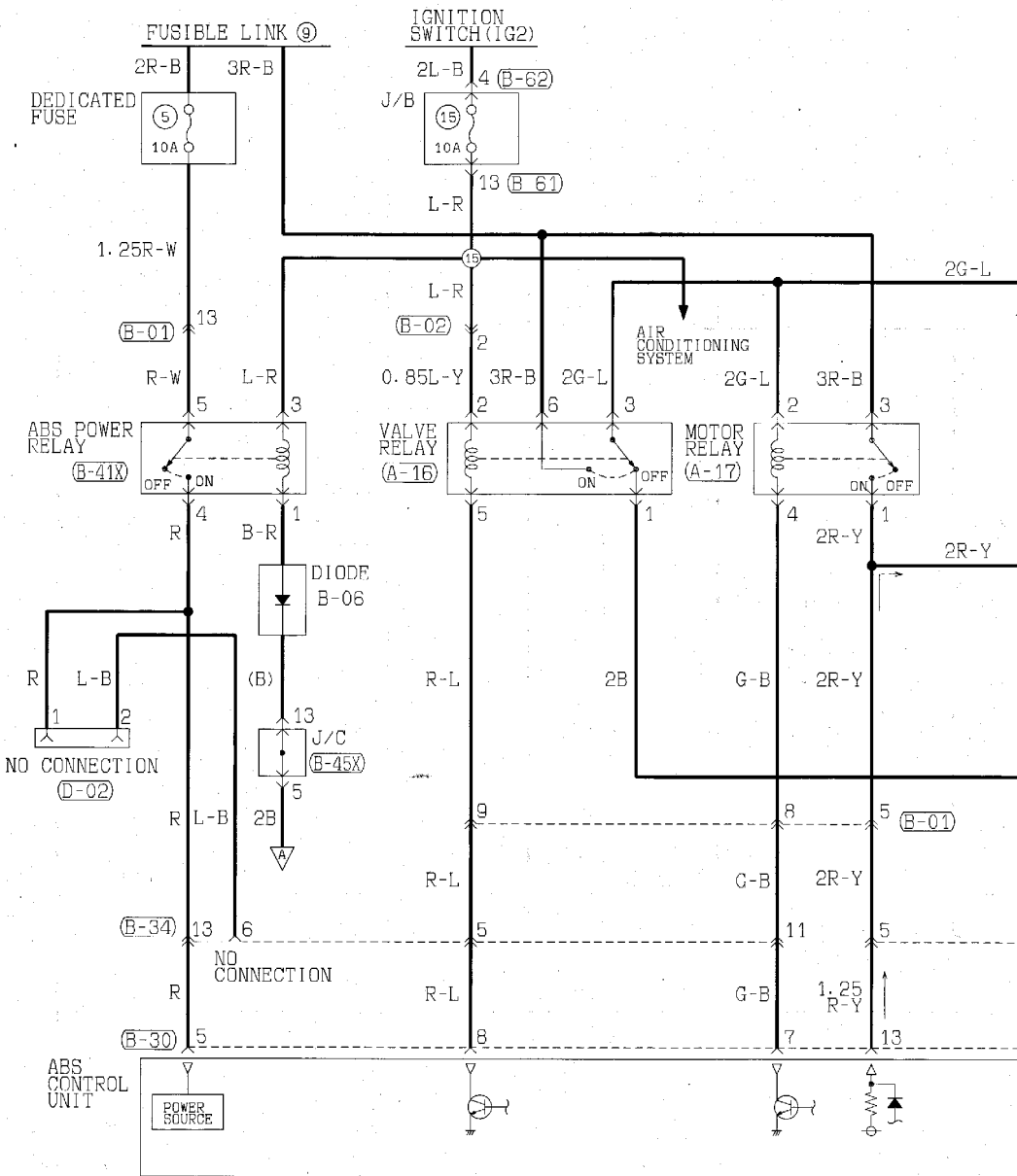




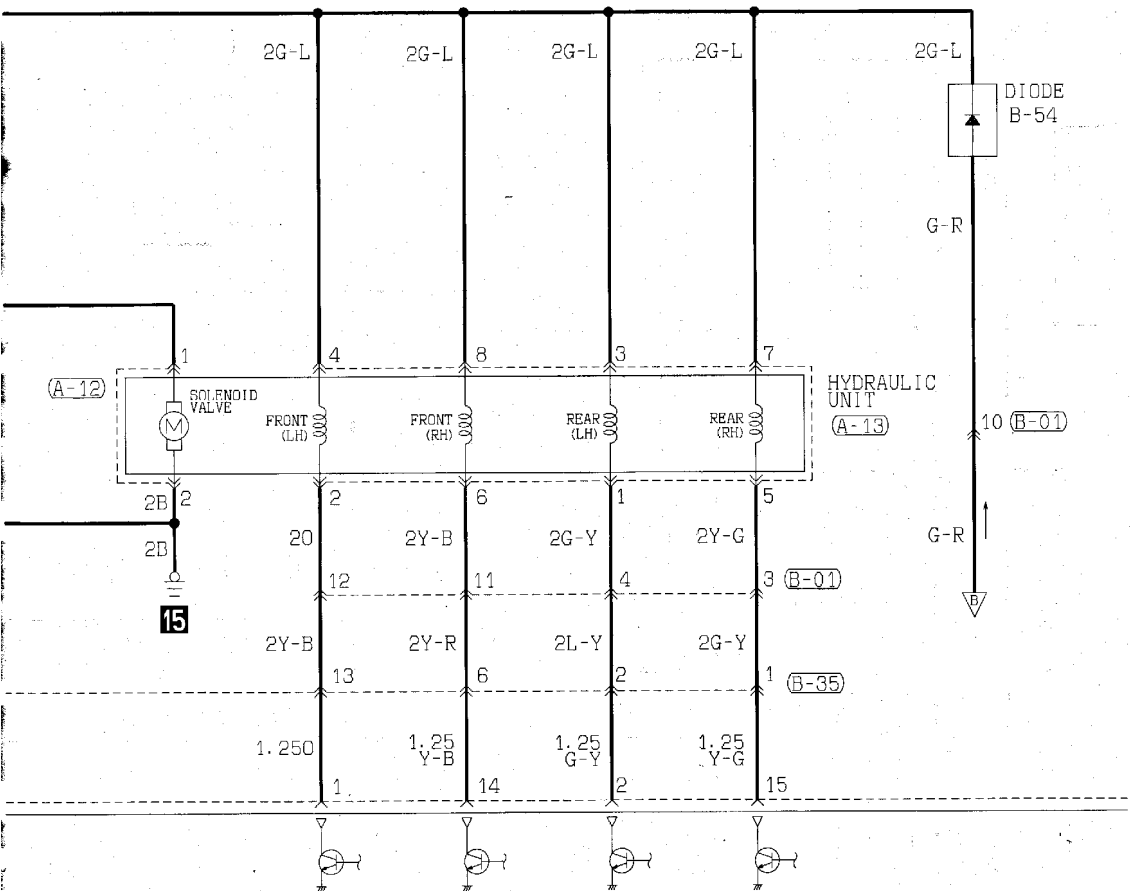
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ANTI-LOCK BRAKING SYSTEM <FROM 1994 MODELS>

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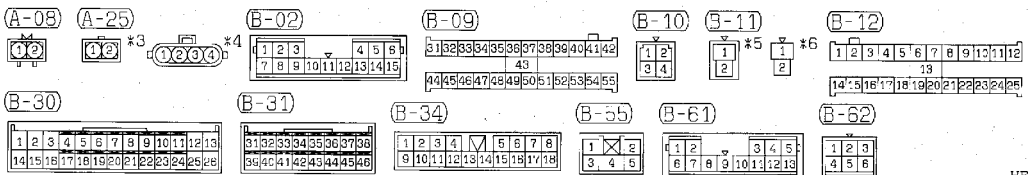
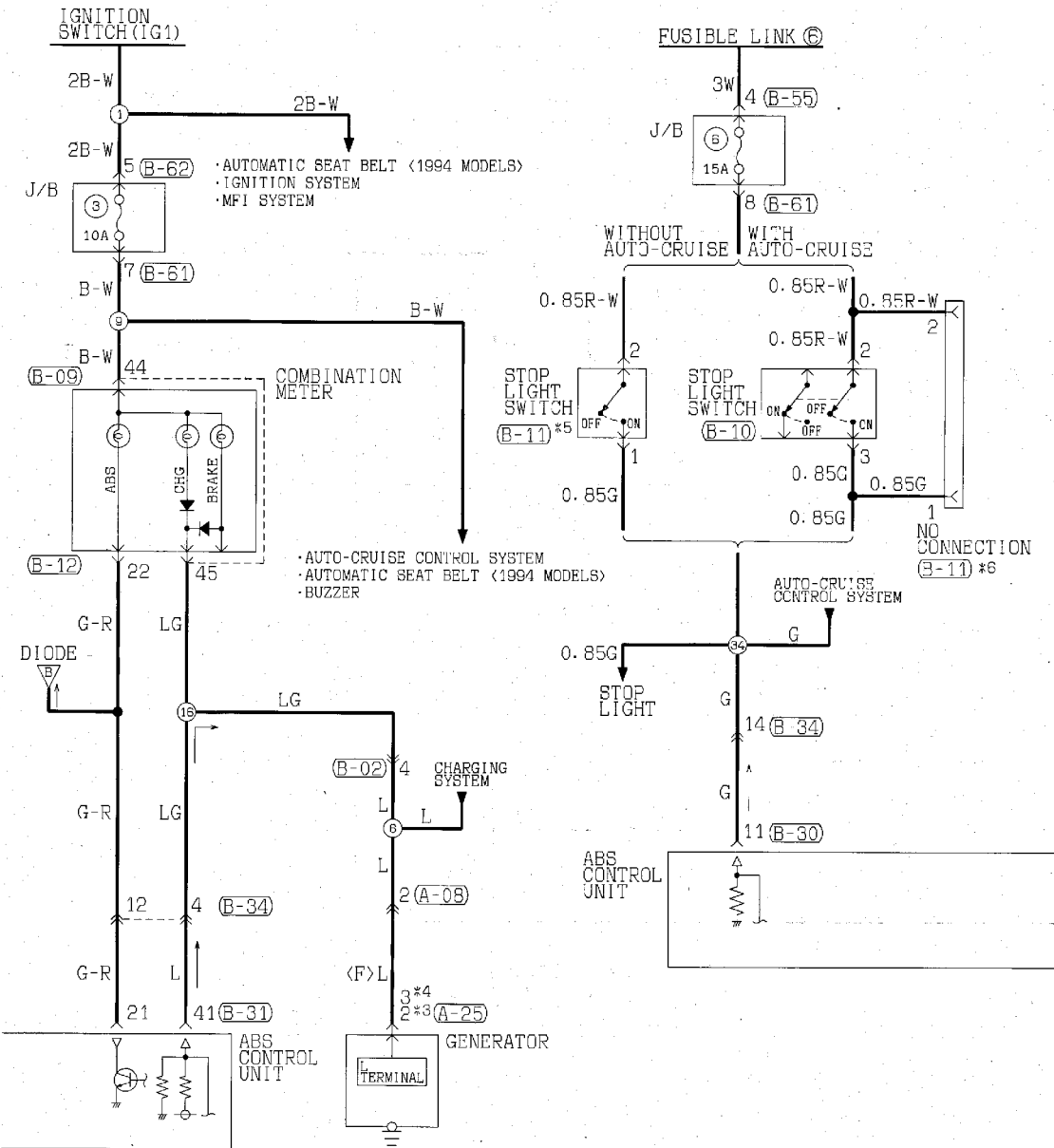


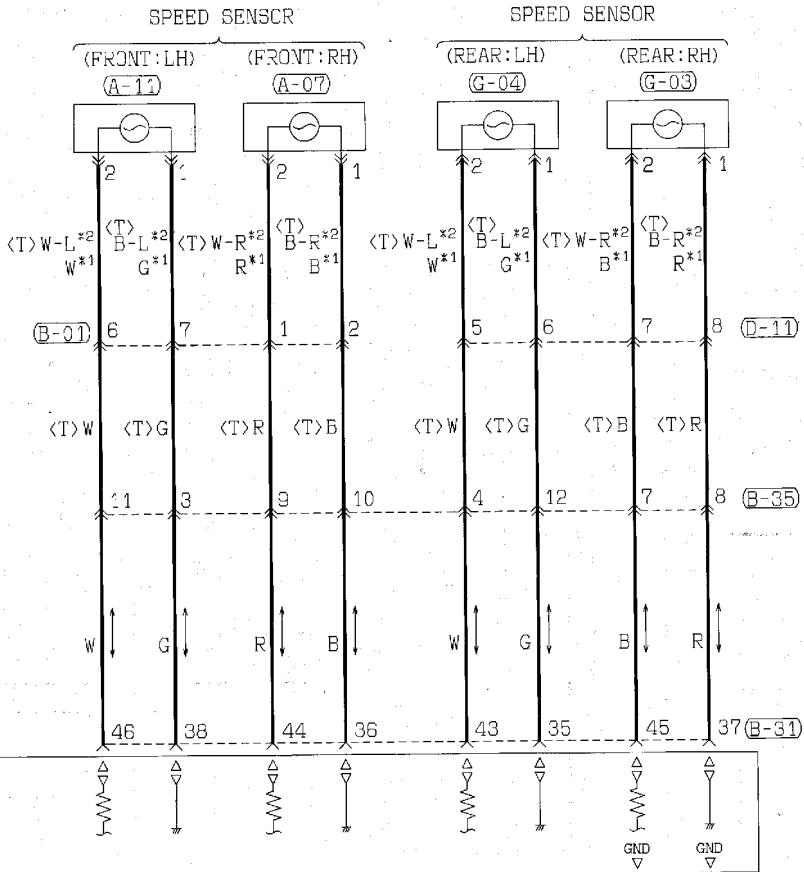
TSB Revision



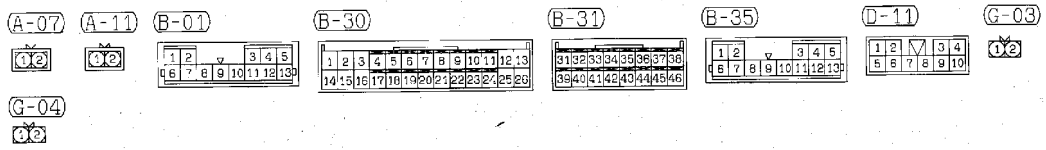
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ANTI-LOCK BRAKING SYSTEM <FROM 1994 MODELS> (CONTINUED)

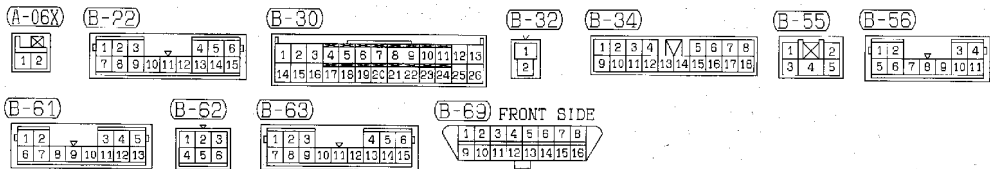
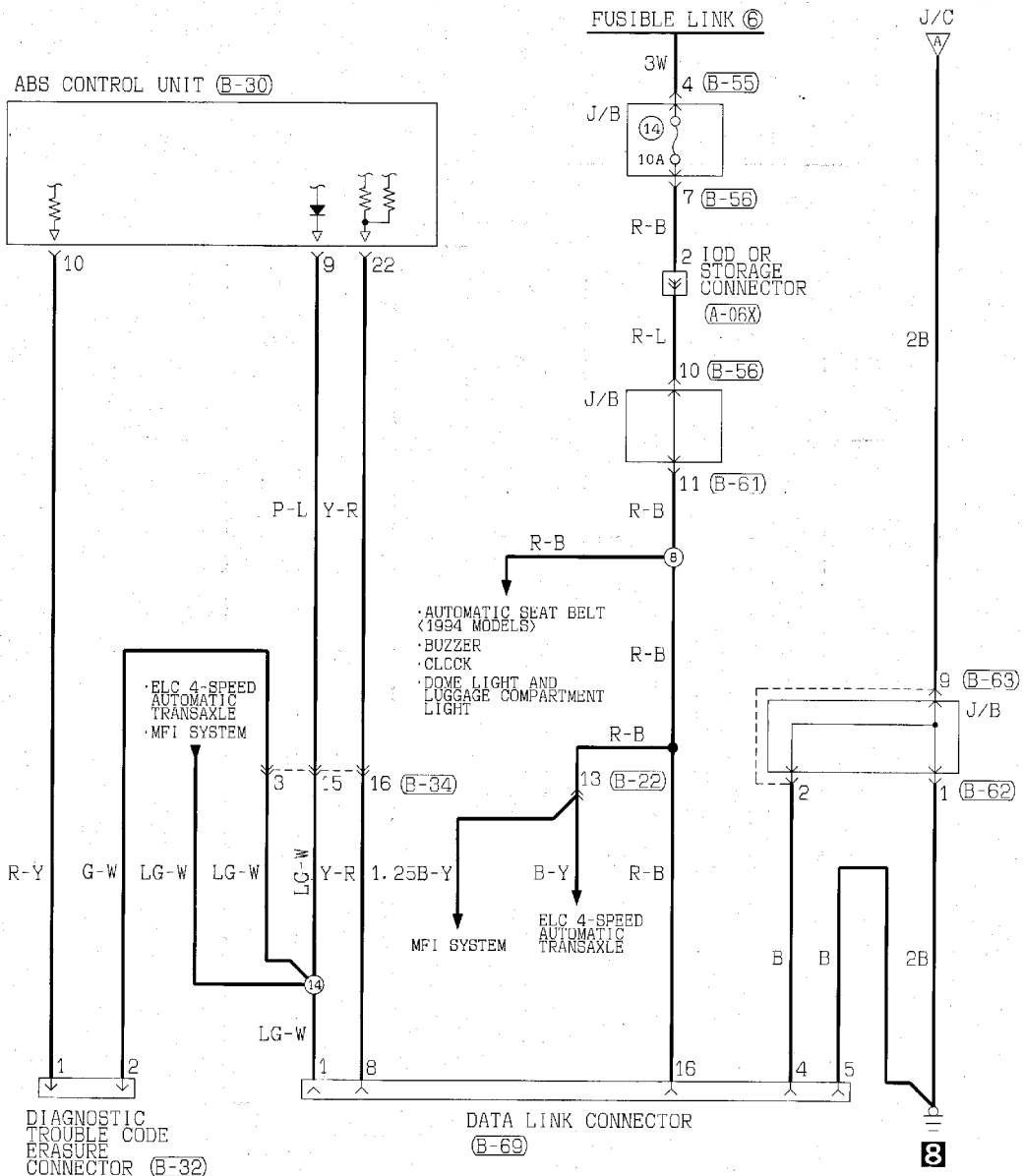




*1: 1994 models.
 **2: From 1995 models.
 **3: 1994 models, 1995 models for Federal.
 *4: 1995 models for California, From 1996 models.



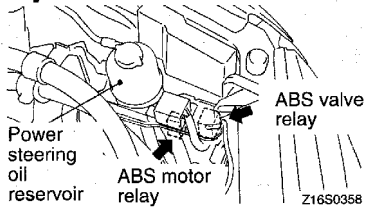
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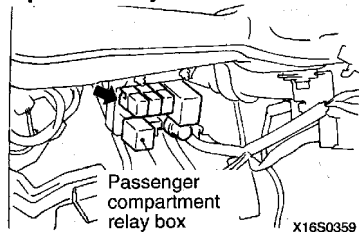
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COMPONENT LOCATION

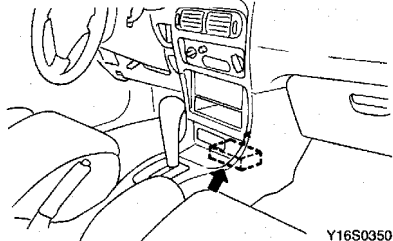
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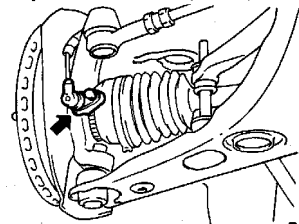
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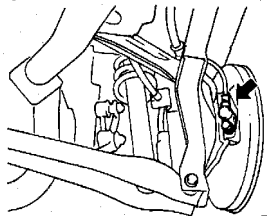
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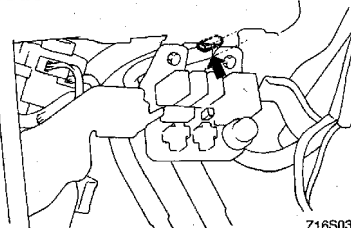
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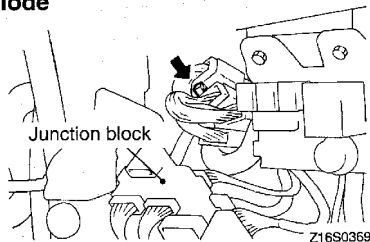
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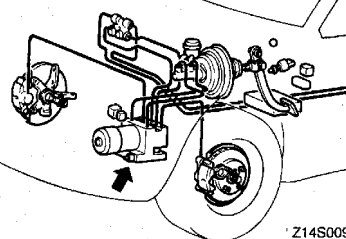
Diode



Diode

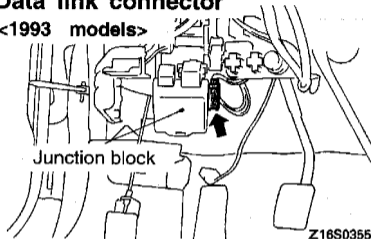


Hydraulic unit



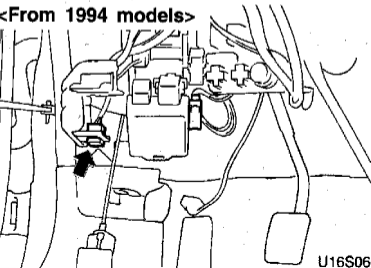
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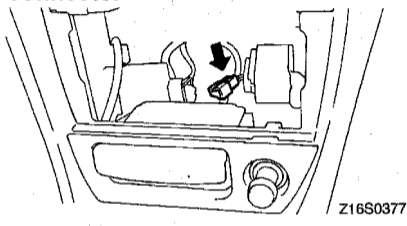


Z16S0355

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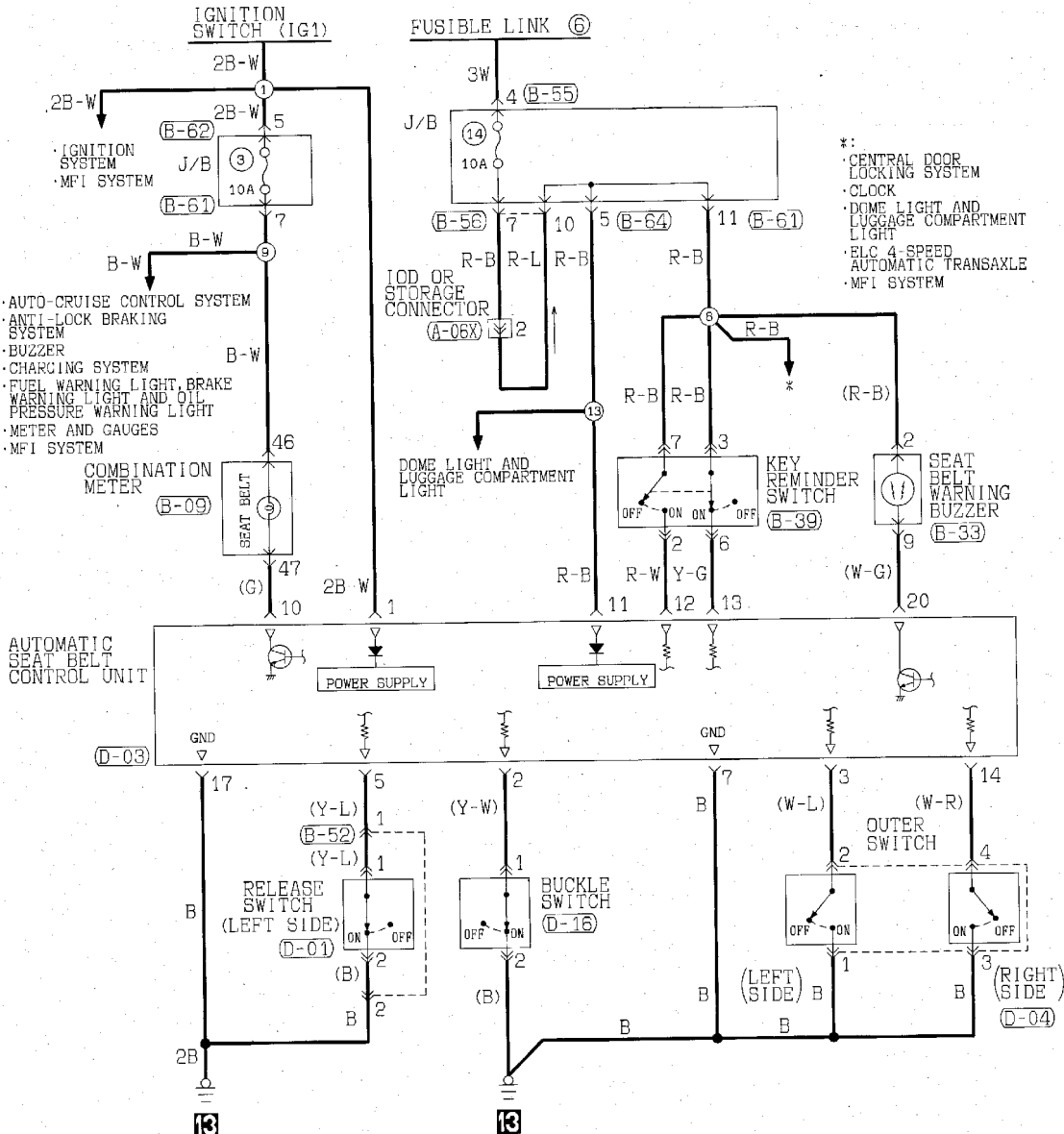


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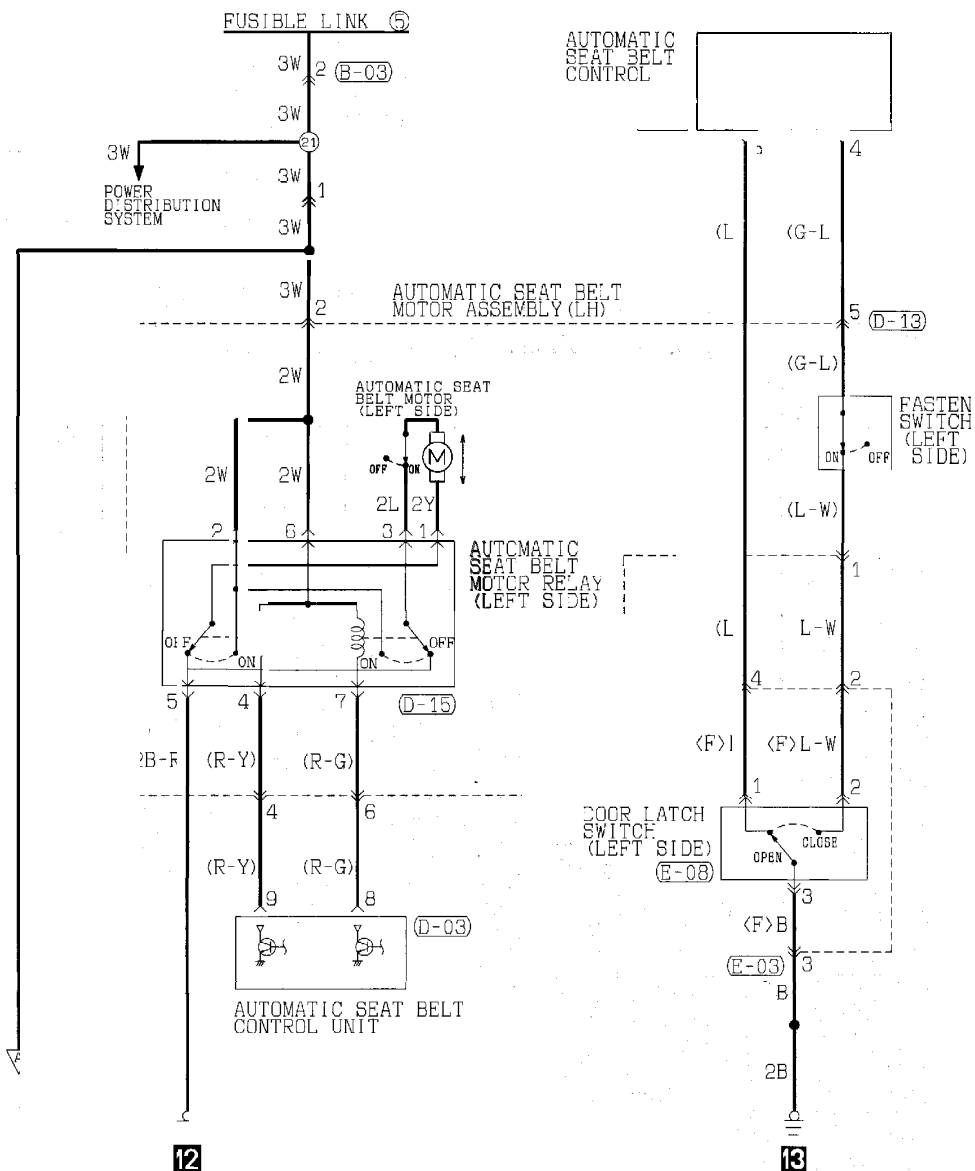
Diagnostic trouble code erasure connector

Z16S0377

AUTOMATIC SEAT BELT <1993 MODELS>



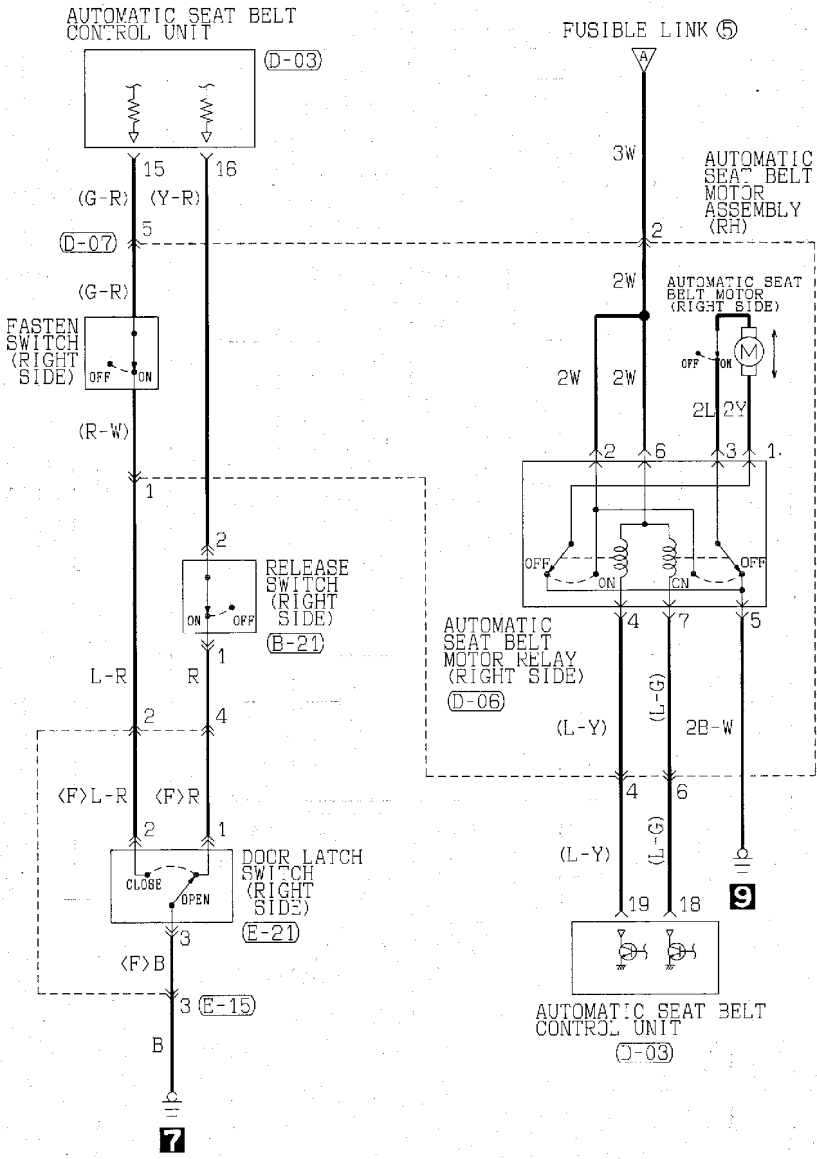
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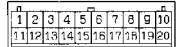
(B-03) (B-50) (D-03) (D-13) (D-15) (E-03) (E-08)



AUTOMATIC SEAT BELT <1993 MODELS> (CONTINUED)



- B-21
- D-03
- D-06
- D-07
- E-15
- E-21



OPERATION

110003614

<1993 models>**Automatic Seat Belt Warning Light**

This warning light warns the driver and front passenger to fasten their seat belts. If one or more seat belts are not fastened, the automatic seat belt control unit detects that fact and causes the warning light to be illuminated or flash. How long the light is illuminated or how many times it flashes depends on whether only one, or both of the belts remain unfastened.

Automatic Seat Belt Warning Buzzer

This warning buzzer also warns the driver and front passenger to fasten their seat belts as the warning light does. It sounds continuously or intermittently, depending on how the belts remain unfastened.

<1994 models>**Automatic Seat Belt**

The shoulder belt moves automatically to the set (fasten) position when the front passenger door is closed and the ignition key is turned to the "ON" position. When the front passenger door is opened, the shoulder belt automatically moves to the OFF (unfastened) position.

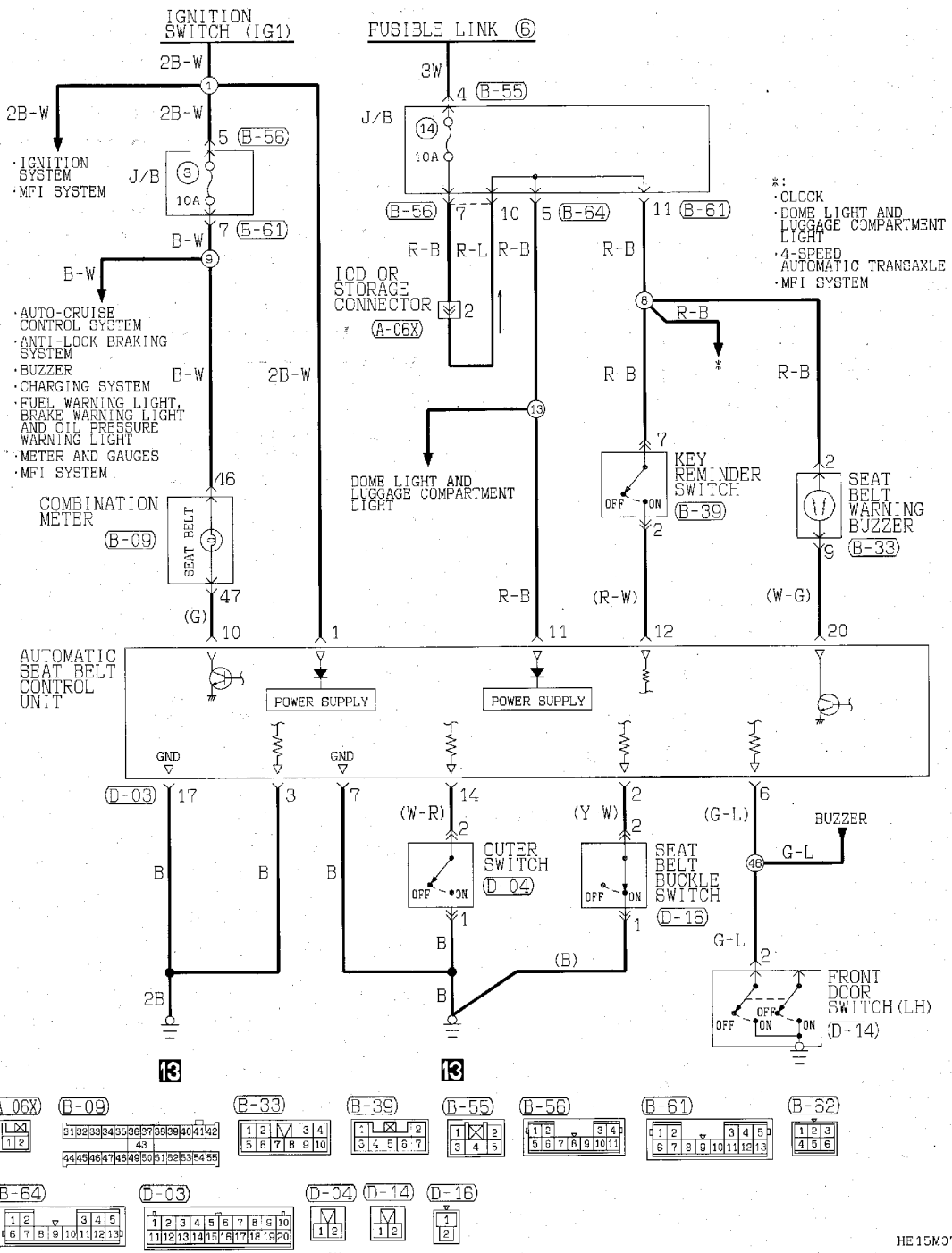
Automatic Seat Belt Warning Light

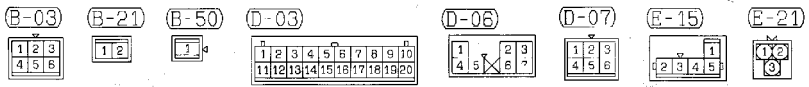
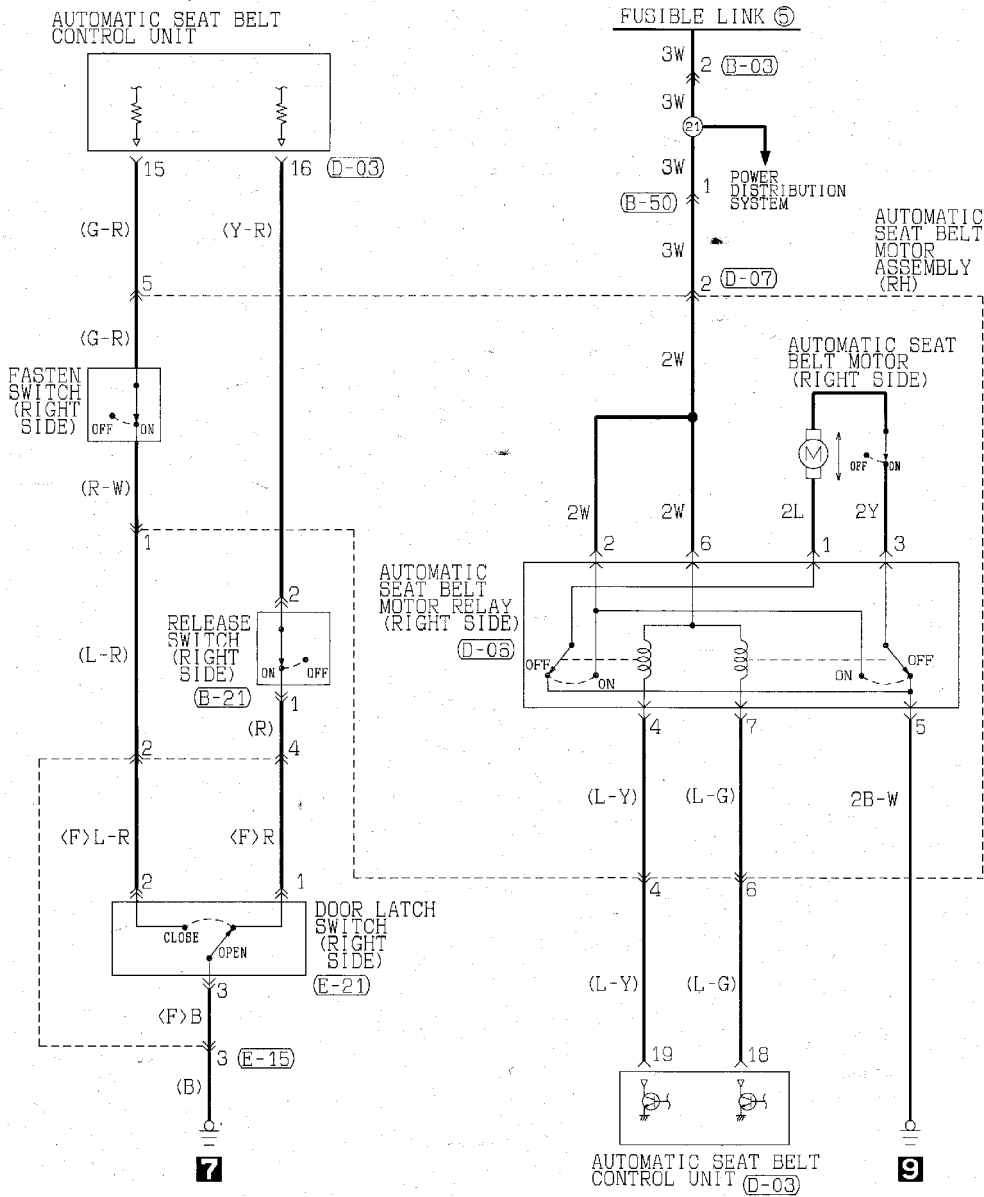
- Illuminates for 6 seconds as soon as the ignition switch is placed in "ON" position.
- Blinks when the "Fasten" switch is turned on while the ignition switch is placed in "ON" position and the front passenger door is closed.
- Illuminates for approx. 1 minute when the ignition switch is turned from "OFF" to "ON" position with the outer switch turned off.

Seat Belt Warning Buzzer

- When the front passenger door is opened and the sliding anchor begins to move to release the shoulder belt, the buzzer sounds for about 1 second.
- When the ignition switch is turned from "OFF" to "ON" position with the driver seat buckle switch OFF, the buzzer sounds intermittently for approx. 6 seconds.

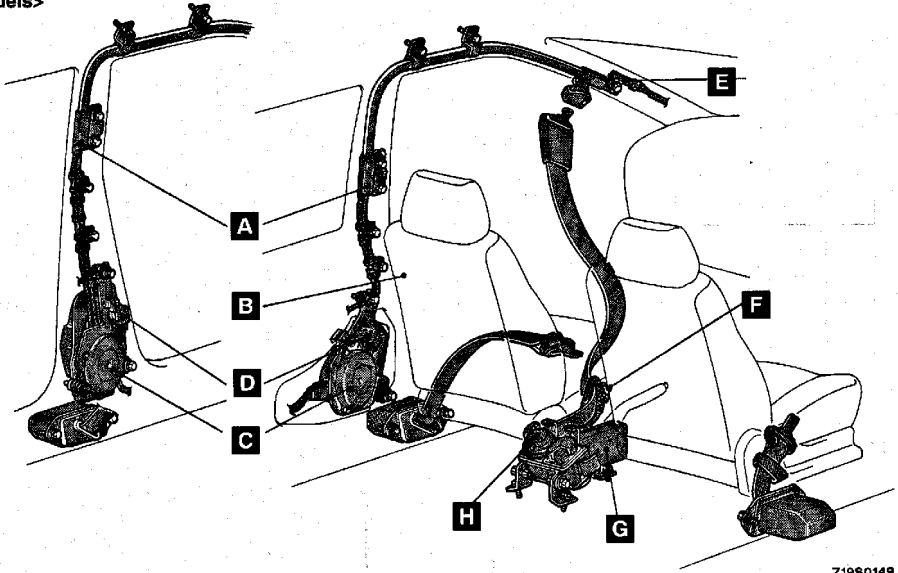
AUTOMATIC SEAT BELT <1994 MODELS>





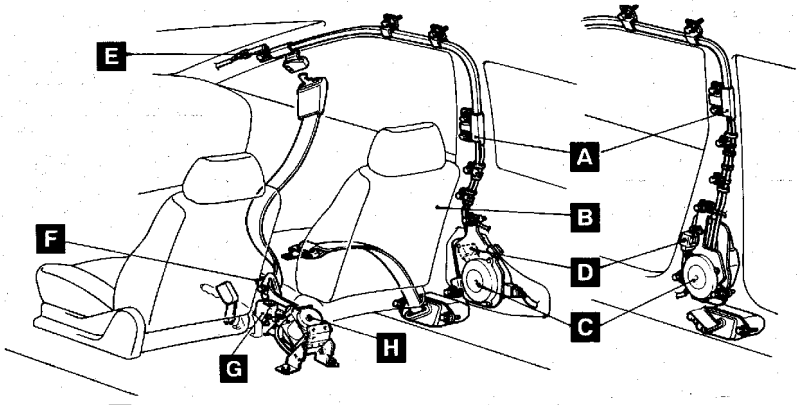
COMPONENT LOCATION

<1993 models>

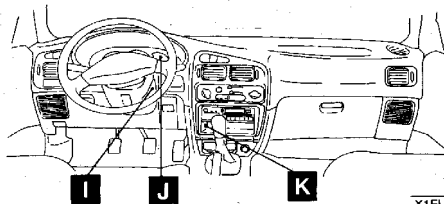


Z19S0148

<1994 models>

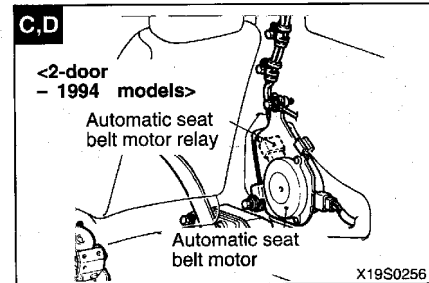
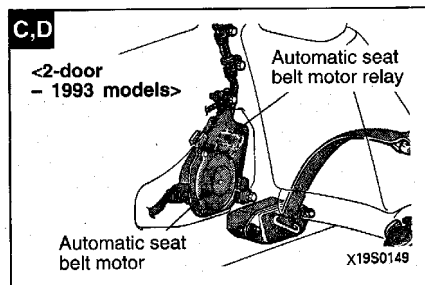
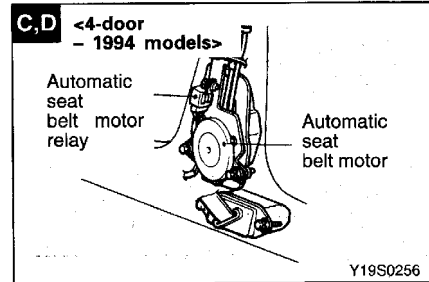
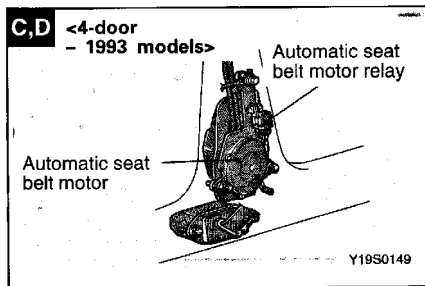
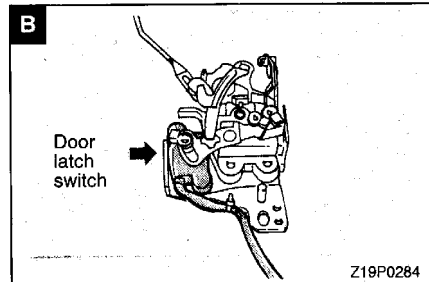
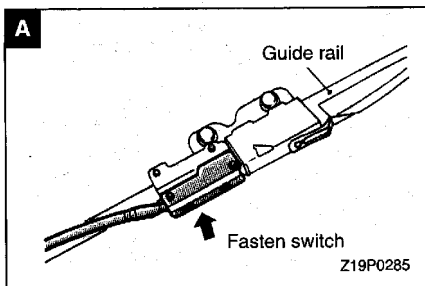


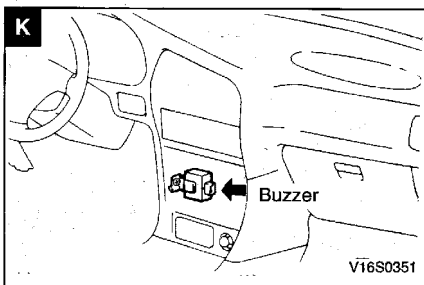
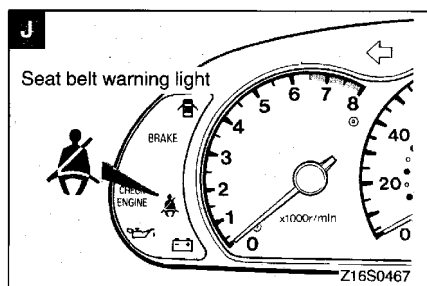
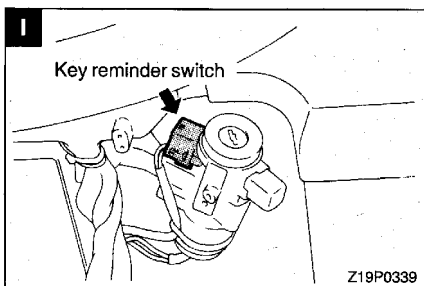
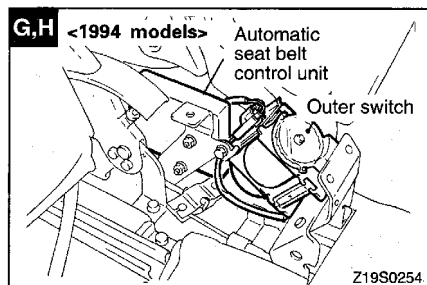
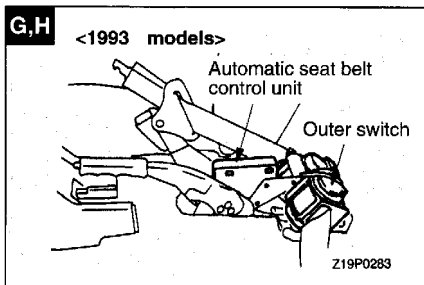
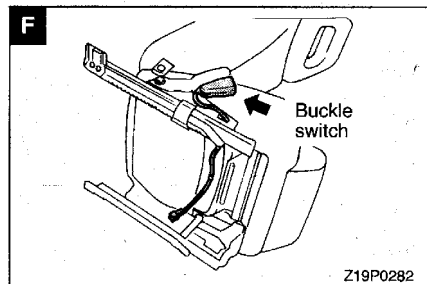
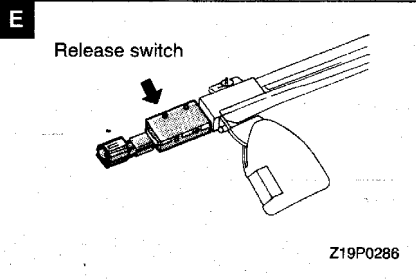
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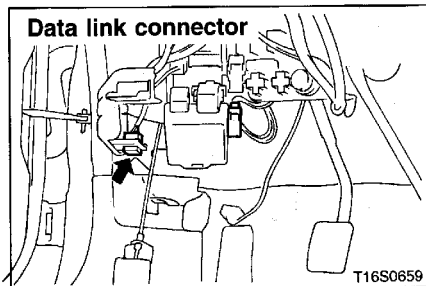
Name	Symbol	Name	Symbol
Automatic seat belt control unit	G	Fasten switch	A
Automatic seat belt motor	C	Key reminder switch	I
Automatic seat belt motor relay	D	Outer switch	H
Buckle switch	F	Seat belt warning light	J
Buzzer	K	Release switch	E
Door latch switch	B		



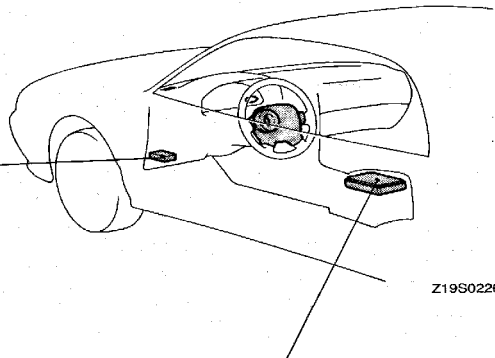


SUPPLEMENTAL RESTRAINT SYSTEM (SRS)**COMPONENT LOCATION**

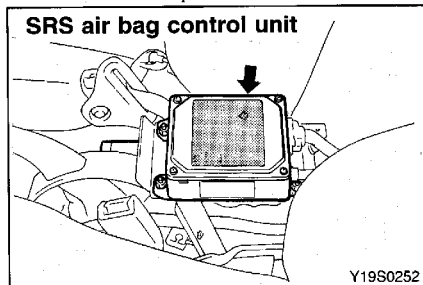
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Data link connector

T16S0659



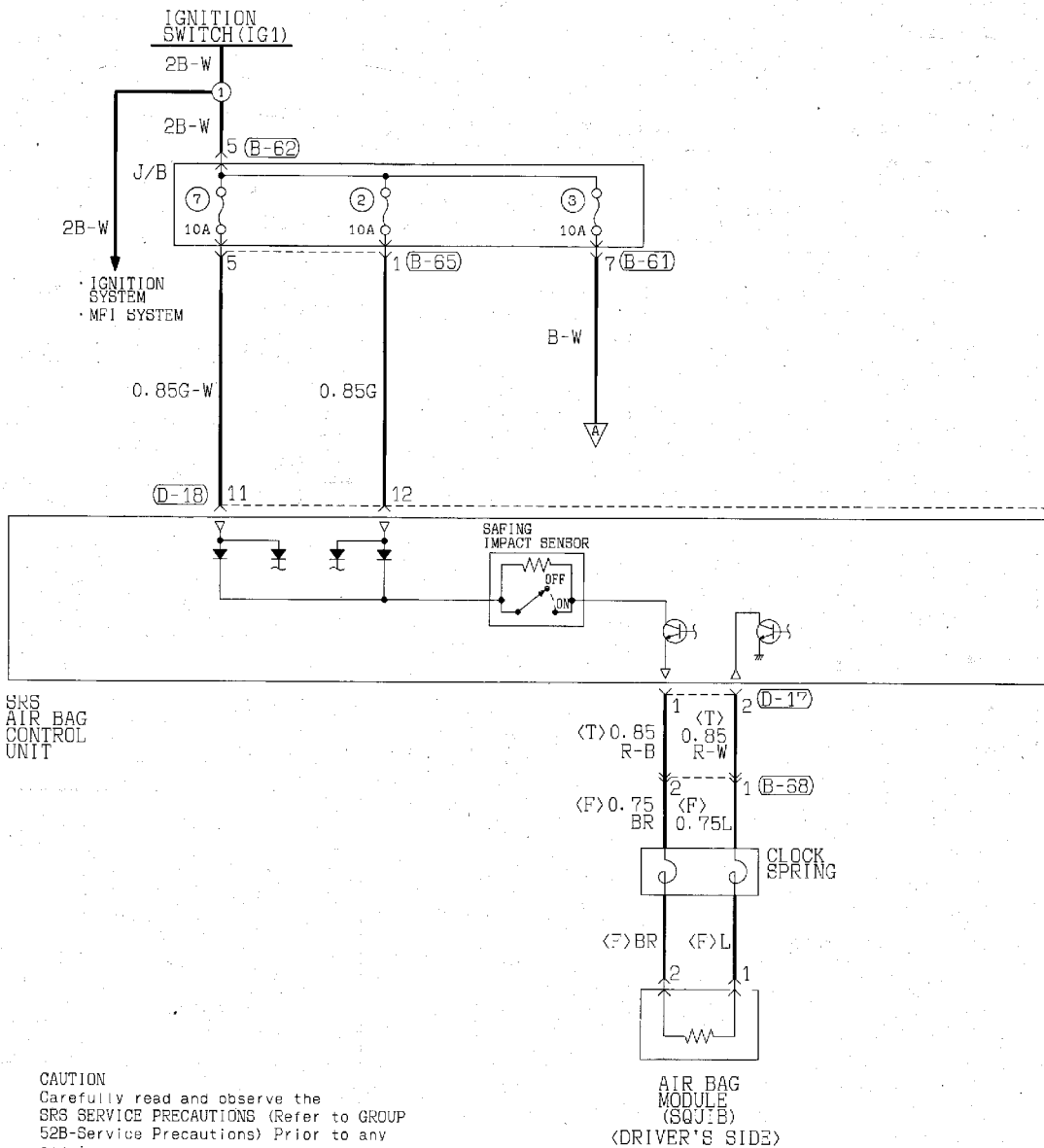
Z19S0226

SRS air bag control unit

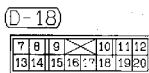
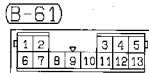
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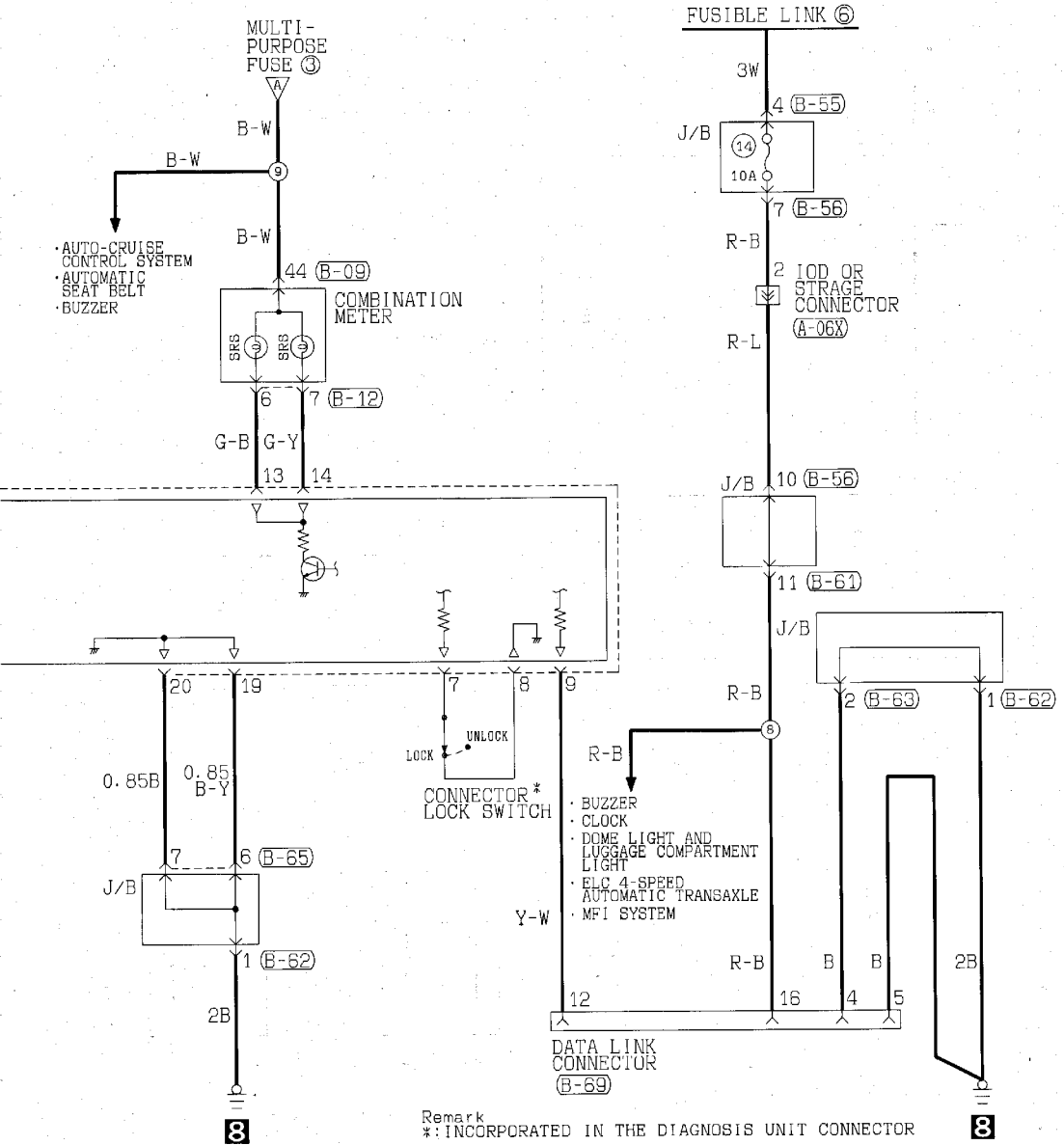
SUPPLEMENTAL RESTRAINT SYSTEM (SRS) <UP TO 1994 MODELS>

110003618



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





Remark
*: INCORPORATED IN THE DIAGNOSIS UNIT CONNECTOR

(A-06X)	(B-09)																																								
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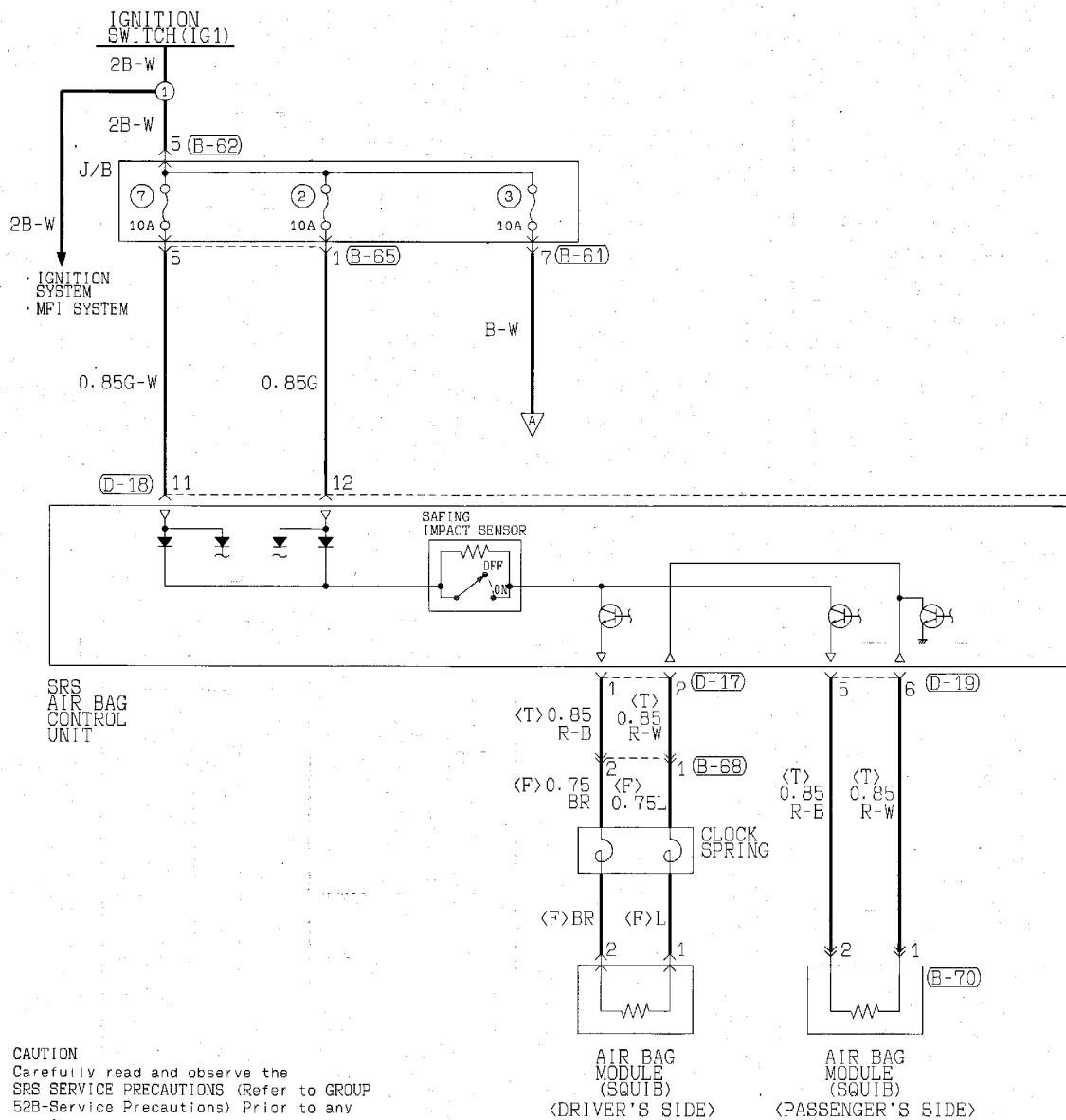
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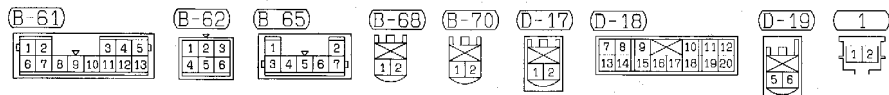
(B-69) FRONT SIDE																
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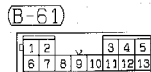
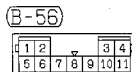
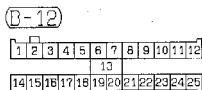
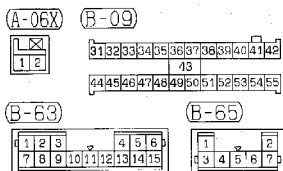
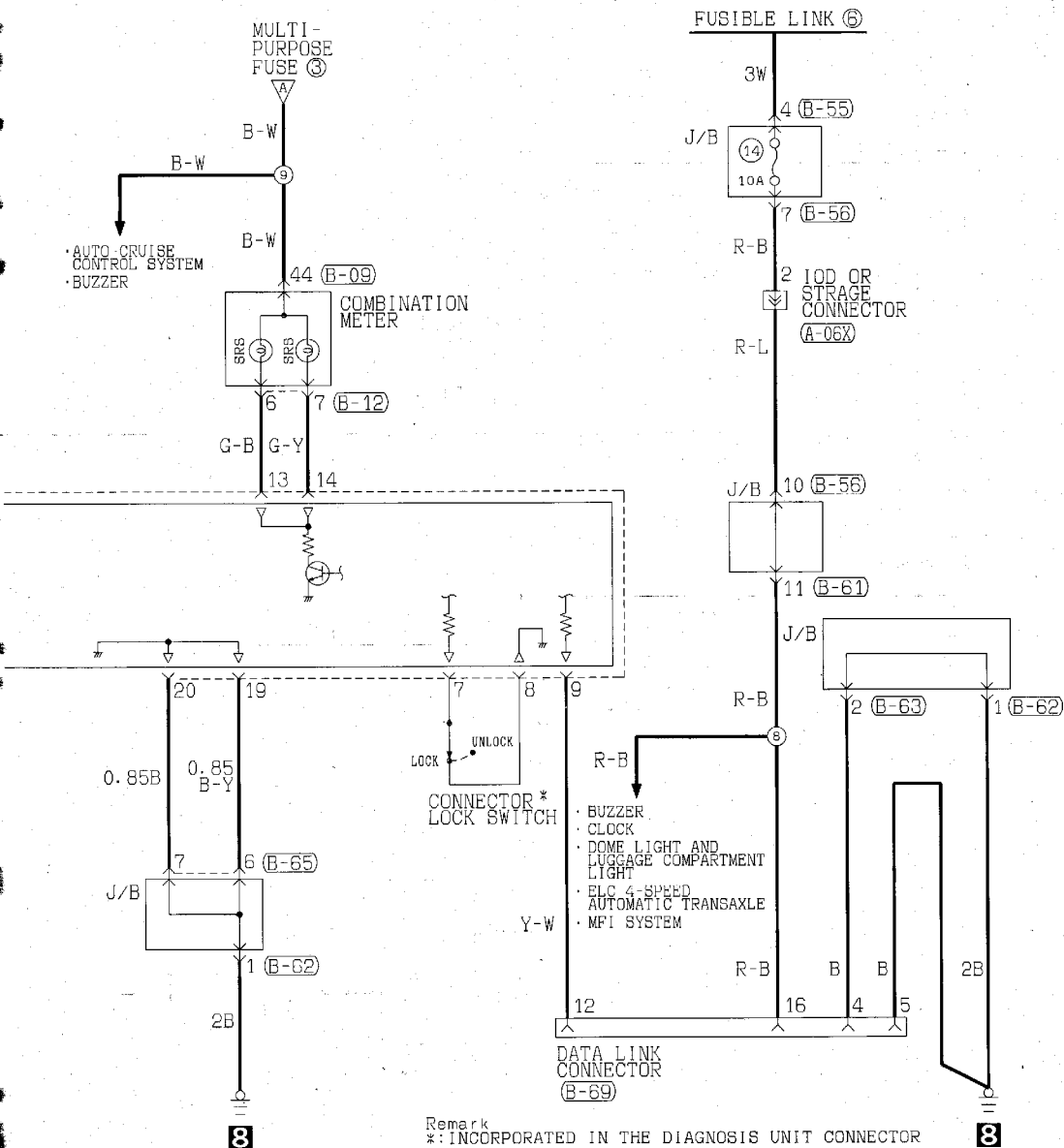
SUPPLEMENTAL RESTRAINT SYSTEM (SRS) <1995 MODELS>

110003619



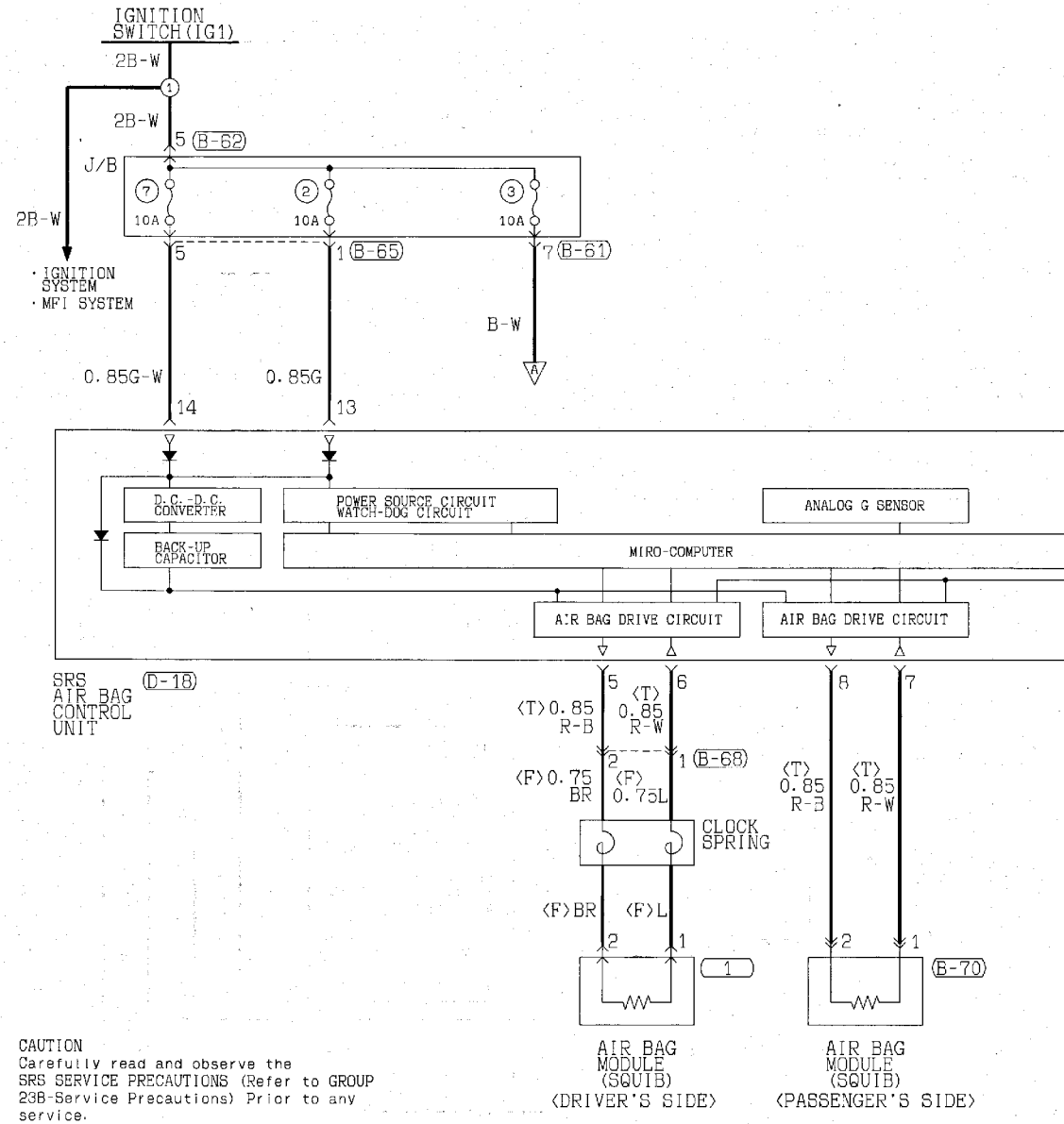
CAUTION
Carefully read and observe the
SRS SERVICE PRECAUTIONS (Refer to GROUP
52B-Service Precautions) Prior to any
service.





SUPPLEMENTAL RESTRAINT SYSTEM (SRS) <FROM 1996 MODELS>

110003619



CAUTION
Carefully read and observe the SRS SERVICE PRECAUTIONS (Refer to GROUP 23B-Service Precautions) Prior to any service.

