
HOW TO READ THE WIRING DIAGRAMS

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COMPOSITION AND CONTENTS OF WIRING DIAGRAMS

- (1) This group consists of wiring harness configuration diagrams, illustrations showing installation locations of individual parts and circuit diagrams.
- (2) The diagrams and other illustrations given in this group are all prepared in such a way that they may be applicable to a vehicle which is provided with all the equipment available including options. Therefore, there may be a care that the configurations do not agree with those of the individual vehicles.

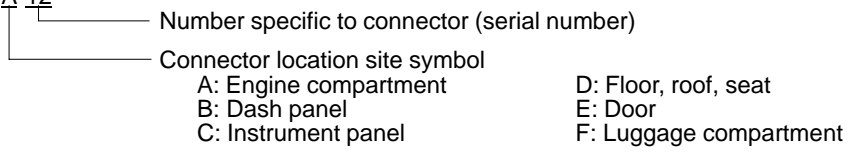
Section	Basic contents
Wiring harness configuration diagrams	Connector locations and harness wiring configurations on actual vehicles are illustrated.
Single part installation position	Locations of the following components/parts and grounding points are shown; relays, control units, sensors, solenoid valves, diodes, check terminals, spare terminals, fusible links, fuses, etc. In the parts lists, parts are listed in alphabetical order.
Circuit diagrams	Circuits from power supply to ground are shown completely, classified into the power supply circuit and individual systems. <ul style="list-style-type: none"> ● Junction block Here is the circuit for the entire junction block since only the part of the junction block needed is normally shown in each circuit diagram. ● Joint connector Here is shown the entire internal circuit of the joint connector since the individual circuit diagrams show the joint connector only at the part necessary for the respective systems. ● Power supply circuits Circuits from the battery to fusible link, dedicated fuses, ignition switch, general purpose fuses, etc. ● Circuits classified by system For each system, the circuits are shown from fuse to ground excluding the power supply sections.

HOW TO READ CONFIGURATION DIAGRAMS

The configuration 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.

Example: A-12

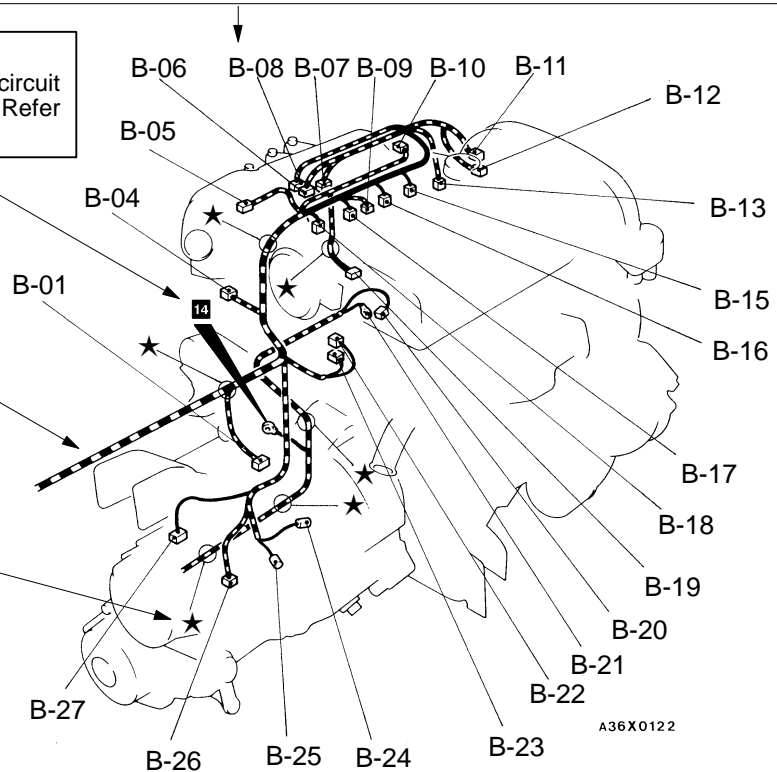


Denotes ground point.
 Same ground number is used throughout circuit diagrams to facilitate search of ground point. Refer to GROUNDING LOCATION.

Denotes a section covered by a corrugated tube.

The mark ★ shows the standard mounting position of wiring harness.

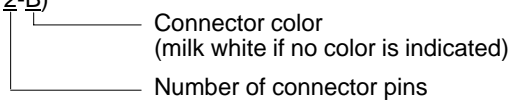
Indicates the device to which the connector is connected.



B-01 (3-B)	Vehicle speed sensor	B-16 (2-GR)	Injector No. 2
B-02 (6)	Distributor assembly	B-17 (2-GR)	Injector No. 3
B-03 (2)	Distributor assembly	B-18 (2-GR)	Injector No. 4
B-04 (6-B)	Idle air control motor	B-19 (4)	Heated oxygen sensor (front)
B-05 (4-B)	Throttle position sensor	B-20 (1-BR)	Starter motor

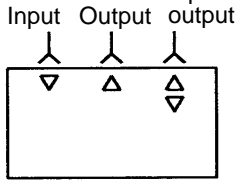
*denotes connector No. and connector color (except milk white) to facilitate connector identification.

Example: (2-B)



- *: Typical connector colors
- B : Black
 - Y : Yellow
 - L : Blue
 - G : Green
 - R : Red
 - BR : Brown
 - V : Violet
 - O : Orange
 - GR : Gray

Indicates input/output to/from control unit (current flow direction).



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.

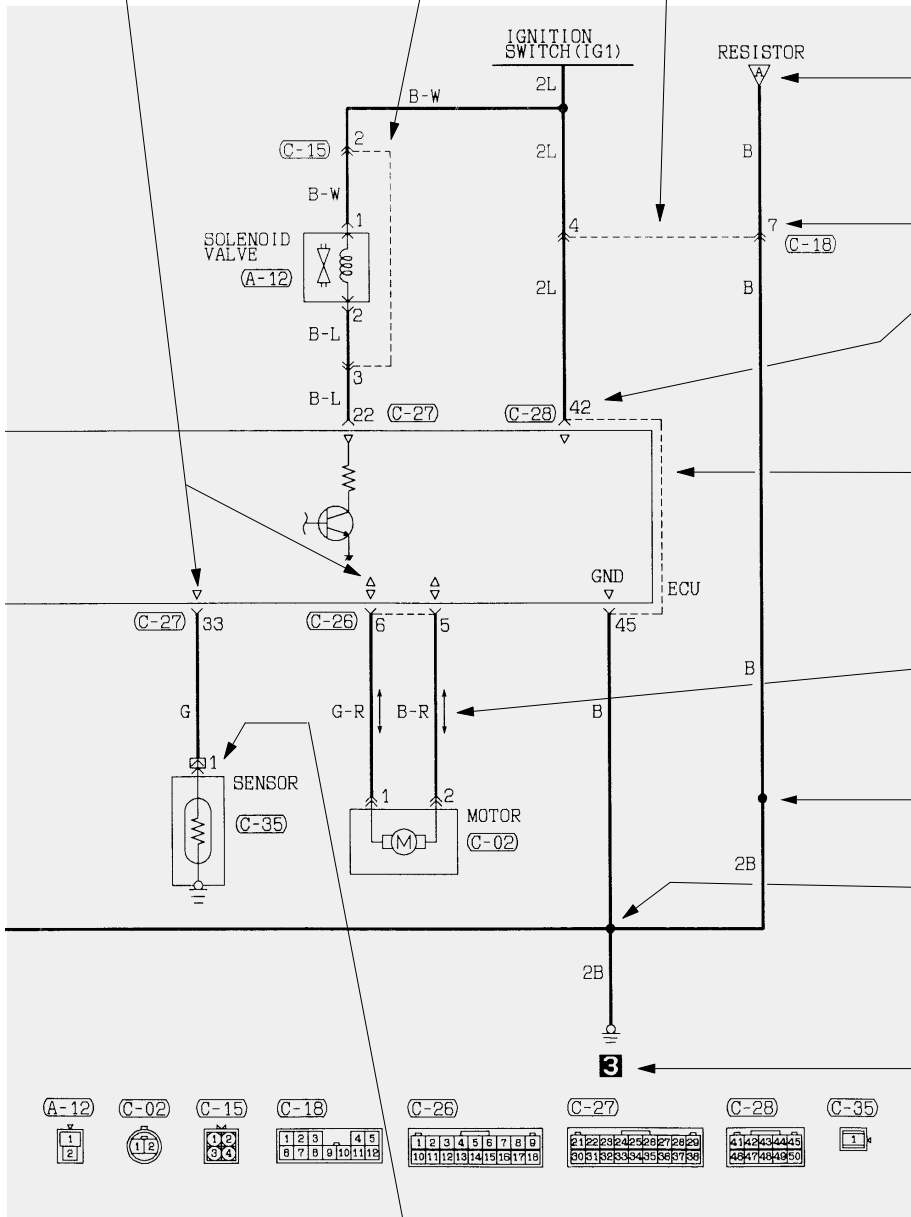
Indicates current flow downward or upward as controlled by the control unit.

Indicates harness junction where wire diameter or color changes.

Indicates intersections at which the lead wires are not connected.

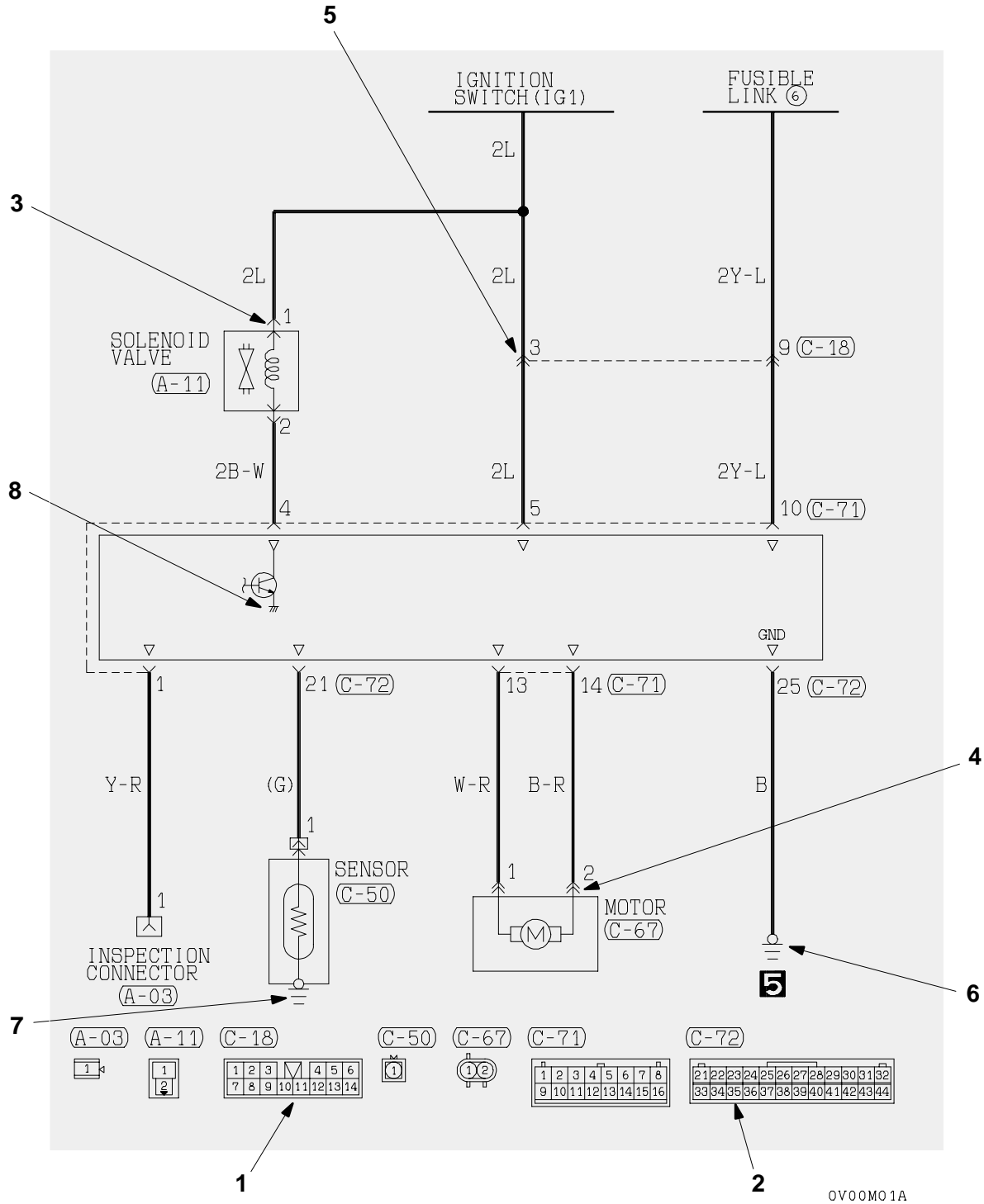
Indicates intersections at which the lead wires are connected.

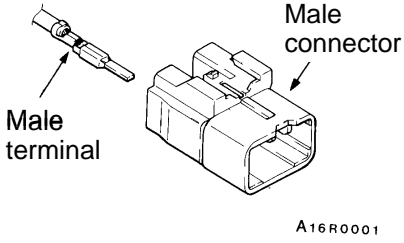


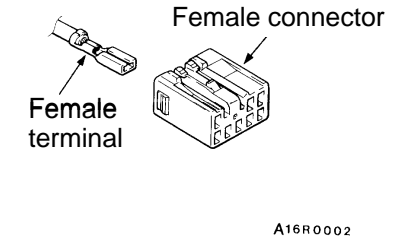


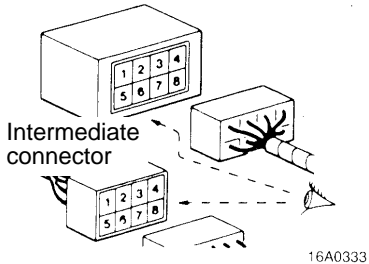
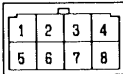
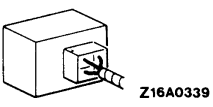
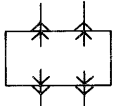
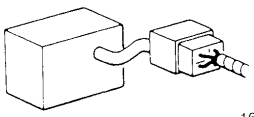
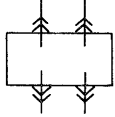
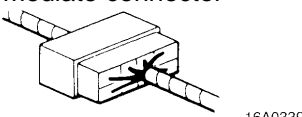

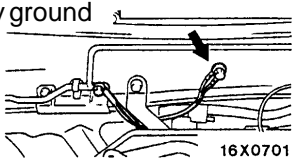

Indicates vehicle body ground point. (Same No. as that of ground point in GROUNDING LOCATION).

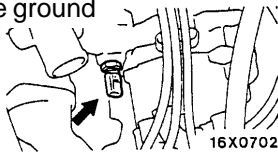
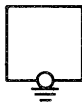
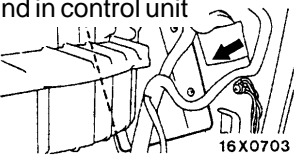



Indicates that the terminal is a spare one if the device is not provided.

CONNECTOR / GROUNDING INDICATIONS



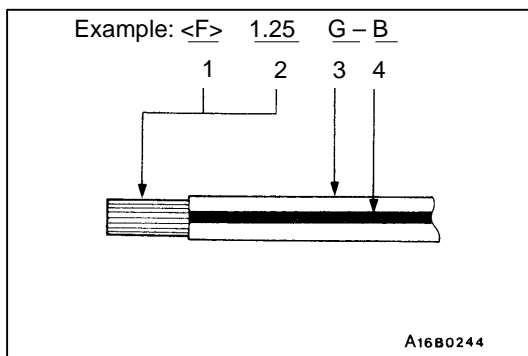
Item	No.	Connector / Grounding	Symbol	Contents
Connector and terminal marking	1	 <p>Male terminal</p> <p>Male connector</p> <p>A16R0001</p>	<p>Male terminal</p>  <p>Male connector</p> 	<p>For the terminal symbols, the connected terminal is indicated as the male terminal, and the receptacle terminal is indicated as the female terminal as shown in the illustration.</p> <p>The connector in which the male terminal is assembled is indicated as the male connector and the connector in which the female is assembled is indicated as the female connector. The connector symbol with a double outer contour line shows the male connector and the connector symbol with a single outer contour line does the female connector.</p>
	—	 <p>Female terminal</p> <p>Female connector</p> <p>A16R0002</p>	<p>Female terminal</p>  <p>Female connector</p> 	
Connector symbol marking	2	 <p>Device</p> <p>Intermediate connector</p> <p>16A0333</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 the connectors which are not connected to any appliance (spare terminal, terminal for inspection), the connectors at the harness side are shown.</p>
Connector connection marking	3	 <p>Direct connection type</p> <p>Z16A0339</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> <p>16A0334</p>		
	5	 <p>Intermediate connector</p> <p>16A0339</p>		
Grounding markings	6	 <p>Body ground</p> <p>16X0701</p>		<p>Grounding is either by body ground, device ground or control unit interior ground. These are indicated as illustrated.</p>

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

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	SI	Silver
L	Blue	V	Violet
LG	Light green	W	White
O	Orange	Y	Yellow



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.

Cable color code in parentheses indicates 0.3 mm².