

# 1 HOW TO READ THE WIRING DIAGRAMS

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## MODELS

Model code	Engine model	Transmission model
F16ASNHEL6	6G72-SOHC	F5M33 (5M/T)
F16ASNHER6	6G72-SOHC	F5M33 (5M/T)
F16ASRHEL6	6G72-SOHC	F4A33 (ELC-4AT)
F16ASRHER6	6G72-SOHC	F4A33 (ELC-4AT)
F16ASNXML6	6G72-DOHC	F5M33 (5M/T)
F16ASNXMLR6	6G72-DOHC	F5M33 (5M/T)
F16ASRXML6	6G72-DOHC	F4A33 (ELC-4AT)
F16ASRXMR6	6G72-DOHC	F4A33 (ELC-4AT)
F16ASRPML6	6G72-DOHC	F4A33 (ELC-4AT)
F16ASRPMR6	6G72-DOHC	F4A33 (ELC-4AT)

## COMPOSITION AND CONTENTS OF WIRING DIAGRAMS

- (1) This manual consists of wiring harness diagrams, installation locations of individual parts, circuit diagrams and wiring diagram.
- (2) In each of the sections, all specifications are listed, including optional specifications. Accordingly, some specifications may not be applicable for 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 are shown for earth points of relays, control units, sensors, diodes, check terminals, spare terminals, fusible links, fuses, etc. In the parts lists, parts are listed in alphabetical order.
Circuit diagrams	<p>Circuits from power supply to earth are shown completely, classified according to system. There is a main division into power circuits, and circuits classified by system. The circuits classified by system also include operation and troubleshooting hints.</p> <ul style="list-style-type: none"> <li>• Power supply circuits Circuits from the battery to fusible link, dedicated fuses, ignition switch, general purpose fuses, etc.</li> <li>• Circuits classified by system For each system, the circuits are shown from fuse to earth, excluding the power supply sections.</li> <li>• Operation The normal operation of each system is briefly described, following the route of current flow.</li> <li>• Troubleshooting hints This is a brief explanation of the inspection points that serve as hints when troubleshooting. Explanations of the circuits controlled by the electronic control unit are omitted. Refer to the related publications as required.</li> <li>• 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.</li> </ul>
Wiring diagram	All the harnesses and connectors are shown together so that the circuit diagrams and wiring harnesses of the entire vehicle can be seen at a glance.

## HOW TO READ CONFIGURATION DIAGRAMS

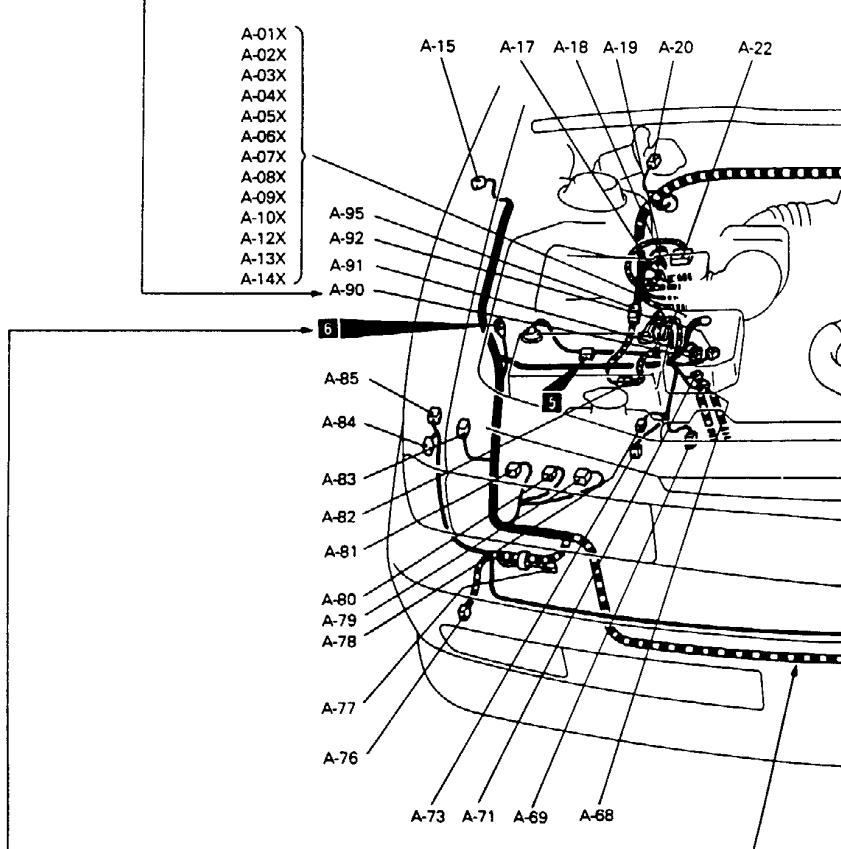
The wiring harness diagrams clearly show the connector locations and harness routings at each site in actual vehicles.

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. When the connectors are centralized in one place, the connector colors are shown for easy identification.

Example: A-12 (black)

Connector colour  
Number specific to connector (serial number)  
Connector location site symbol  
A: Engine compartment  
B: Engine and transmission  
C: Dash panel  
D: Instrument panel  
E: Interior  
F: Door  
G: Luggage compartment  
H: Trunk lid  
J: Under rear floor



Denotes earth point.  
Same earth number is used throughout circuit diagrams to facilitate search of earth point. Refer to GROUP 3 SINGLE PART INSTALLATION POSITION-EARTH MOUNTING LOCATIONS for details of earth points.

Denotes a section covered by a corrugated tube.

## 1-4 HOW TO READ THE WIRING DIAGRAMS – How to Read Circuit Diagrams

### HOW TO READ CIRCUIT DIAGRAMS

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

