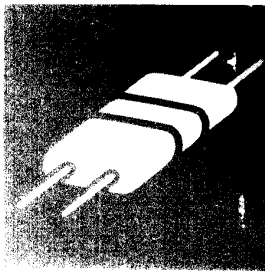
MITSUBISHI MOTORS

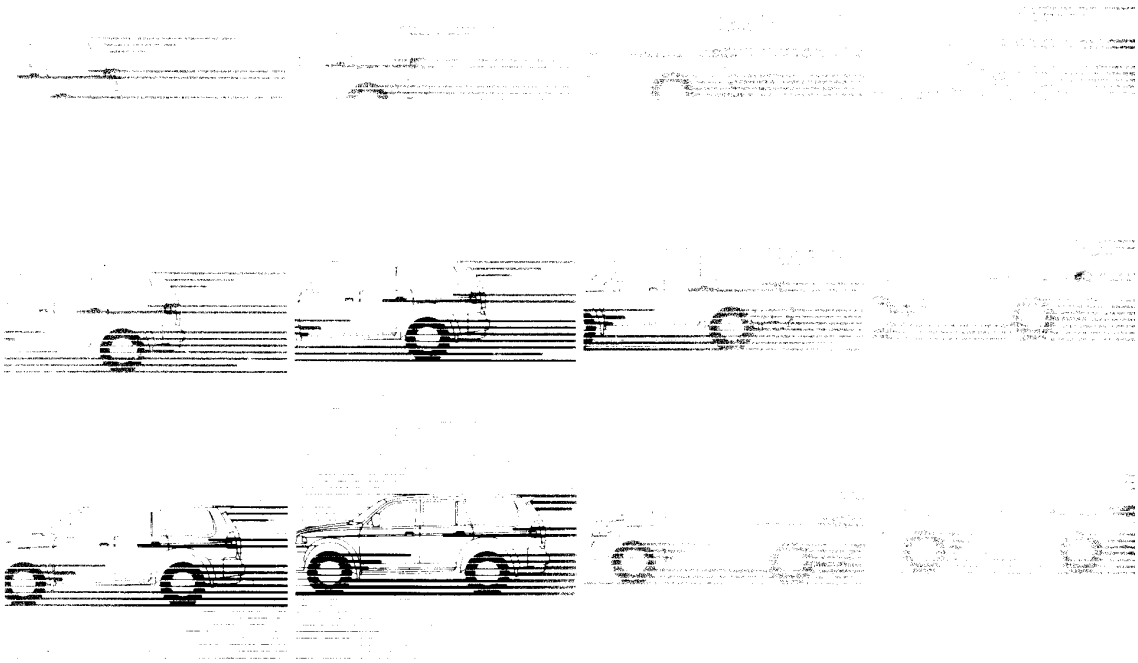
# Workshop Manual

## electrical wiring

SUPPLEMENT

# PAJERO SPORT 2000





Pub. No. PHJE9810-A

# PAJERO SPORT

# ELECTRICAL WIRING SUPPLEMENT

## FOREWORD

This publication is a supplement to the Electrical Wiring Manual Pub. No. PHJE9810 and contains only additions and changes to the original issue. It is recommended that all service machanics engaged in the servicing of the vehicle refer to the following publications as well as this manual.

TECHNICAL INFORMATION MANUAL
PYJE9804 (Basic)
PYJE9804-A (Supplement)
WORKSHOP MANUAL
CHASSIS GROUP
PWJE9812 (Basic)
PWJE9812-A (Supplement)
BODY REPAIR MANUAL
PBJE9808
ENGINE GROUP
PWEE□□
ELECTRICAL WIRING
PHJE9810 (Basic)
PARTS CATALOGUE
B603D509A□

All information, illustrations and product descriptions contained in this manual are current as of time of publication. We, however, reserve the right to make changes at any time without prior notice or obligation.

## GROUP INDEX




MITSUBISHI MOTORS CORPORATION





Aug. 1999

# WARNINGS REGARDING SERVICING OF SUPPLEMENTAL RESTRAINT SYSTEM (SRS) EQUIPPED VEHICLE

**WARNING!**

**(1) Improper service or maintenance of any component of the SRS or any SRS-related component, can lead to personal injury or death to service personnel (from inadvertent firing of the air bag) or to the driver and passenger (from rendering the SRS inoperative).**

**(2) SRS components should not be subjected to heat over 93 °C, so remove the SRS-ECU, air bag module (driver's side and front passenger's side) and clock spring before drying or baking the vehicle after painting.**

**(3) Service or maintenance of any SRS component or SRS-related component must be performed only at an authorized MITSUBISHI dealer.**

**(4) MITSUBISHI dealer personal must thoroughly review this manual, and especially its GROUP 52B–Supplemental Restraint System (SRS), before beginning any service or maintenance of any component of the SRS or any SRS-related component.**

# HOW TO USE THIS MANUAL

## CONTENTS

The preceding page contains GROUP INDEX that lists the group title and group number.

## PAGE NUMBERS

All page numbers consist of two sets of digits separated by a dash. The digits preceding the dash identify the number of the group. The digits following the dash represent the consecutive page number within the group. The page number can be found on the top left or right of each page.

# OUTLINE OF CHANGES

## CONTENTS

# MODELS

| Model code | | Engine model | Transmission model | Fuel supply system |
|---|---|---|---|---|
| K96WG | RHEL6* | 6G72-SOHC (2,972 mℓ) | V4A51 (4WD-4A/T) | MPI |
| | RHER6* | | | |
| | NHEL6 | | V5MT1 (4WD-5M/T) | |
| | NHER6 | | | |
| K94W | NUFL6 | 4D56 (2,477 mℓ) | | Fuel injection |
| | NUFR6 | | | |
| K94WG | NHFL6 | | | |
| | NHFR6 | | | |

NOTE
*: Indicates new model

# ABBREVIATION SYMBOLS

The abbreviation symbols used diagrams are defined below.

**1. Abbreviation symbols used for system name**

| Abbreviation symbol | Meaning | Abbreviation symbol | Meaning |
|---|---|---|---|
| A/T | Automatic transmission | INVECS-II | Intelligent and innovative vehicles electronic control system |

**2. Abbreviation symbol used for combination meters**

| Abbreviation symbol | Meaning |
|---|---|
| A/T TEMP | Automatic transmission fluid temperature warning lamp |

# 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.

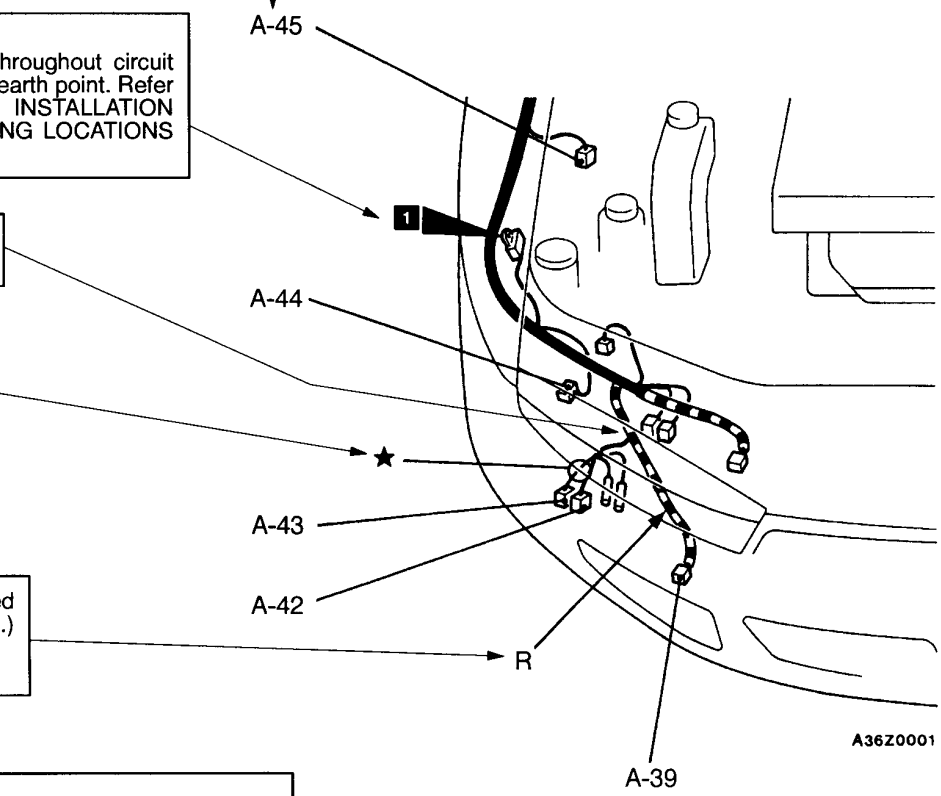
Example: A-12
- 12: Number specific to connector (serial number)
- A: Connector location site symbol
  - A: Engine compartment
  - B: Transmission
  - C: Dash panel
  - D: Steering column, junction block and relay box
  - E: Floor and roof
  - F: Door
  - G: Tailgate

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.

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

Denotes the colour of corrugated tube. (If not specified, it is black.)
R: Red
Y: Yellow




The number of connector pins and the connector colour (except milk white)* are shown for ease of retrieval.

Example: (2-B)
- 2: Number of connector pins
- B: Connector colour (milk white if no colour is indicated)

*: Typical connector colours

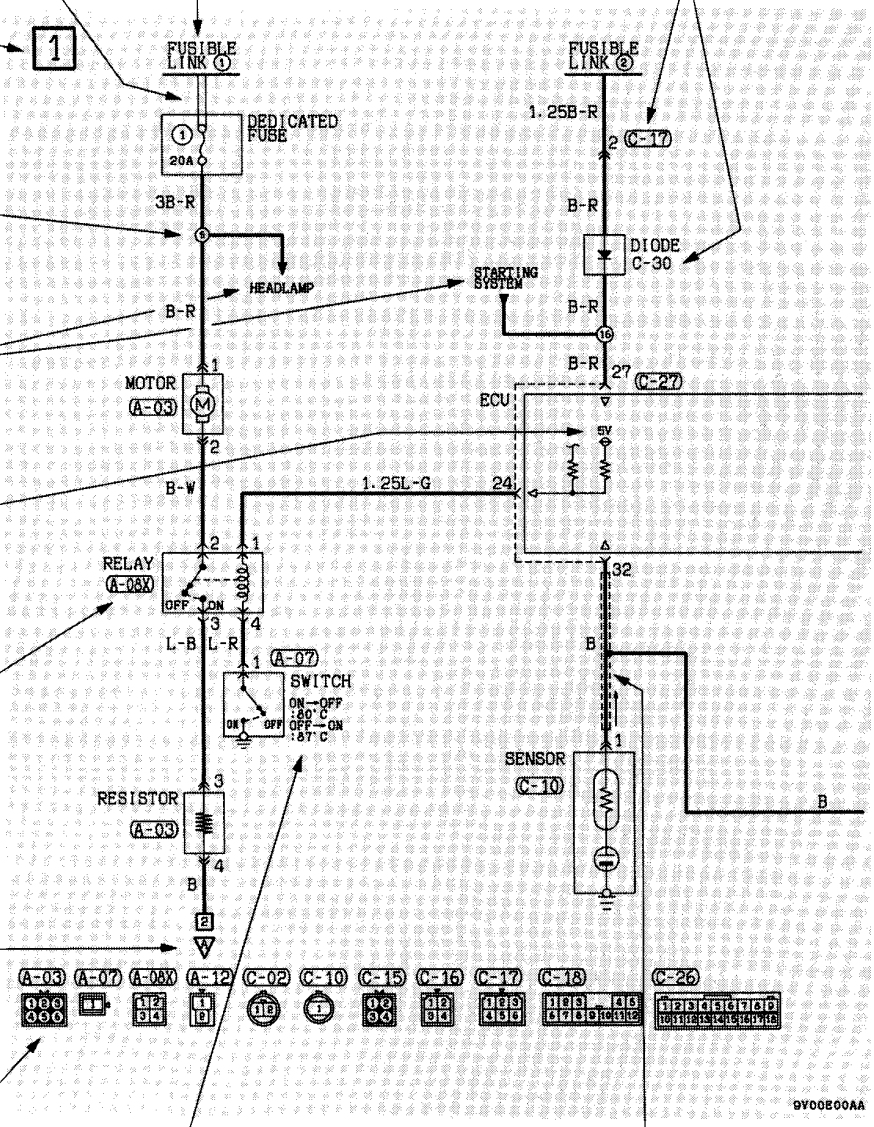
| | |
|---|---|
| B: Black | BR: Brown |
| Y: Yellow | V: Violet |
| L: Blue | O: Orange |
| G: Green | GR: Gray |
| R: Red | None: Milk white |

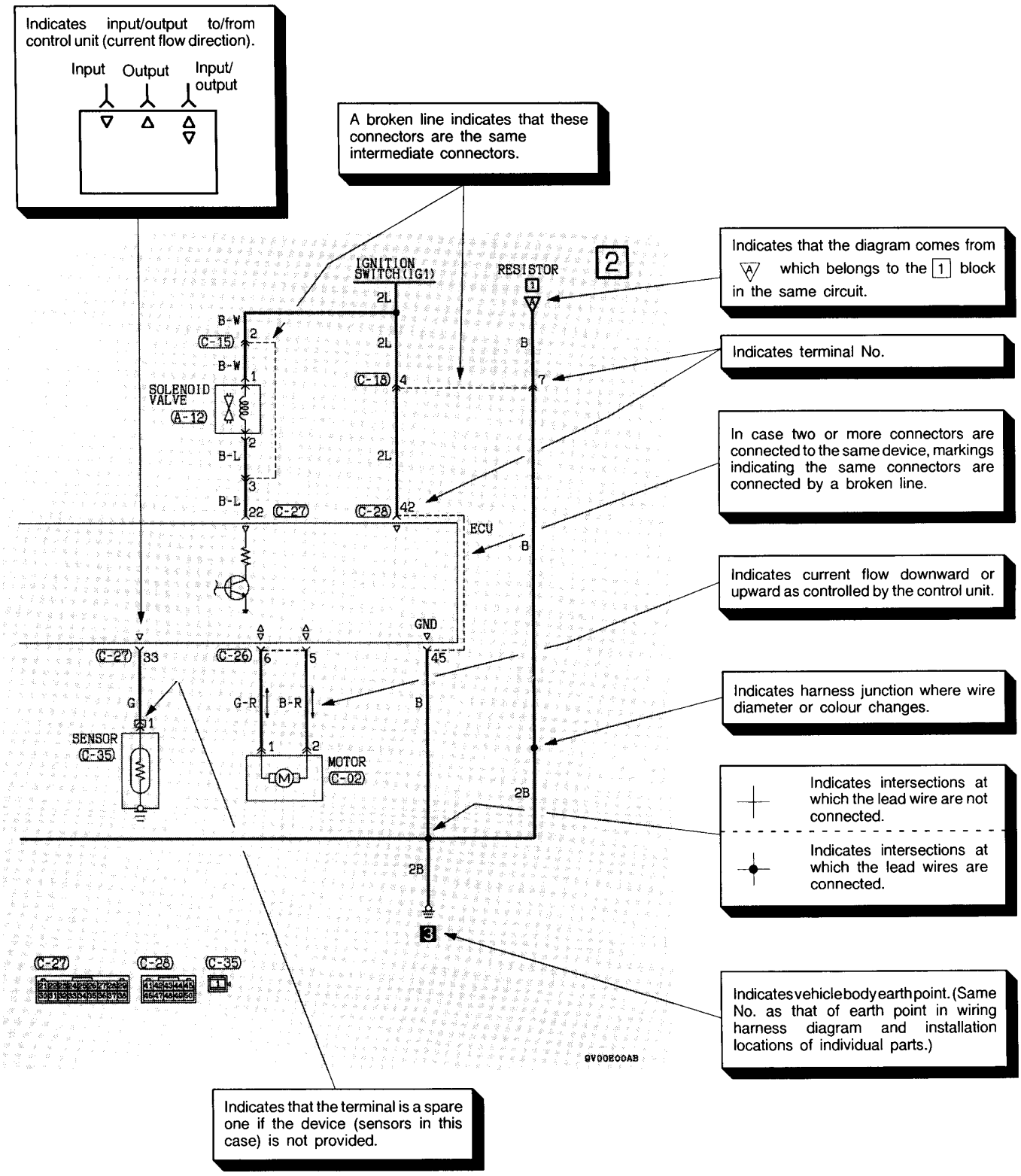
| | |
|---|---|
| A-39 (2-B) | Headlamp (LO: RH) |
| A-40 (1) | Horn (LO) |
| A-41 (1) | Horn (HI) |
| A-42 (2-B) | Windshield washer motor |

Indicates the device to which the connector is to be connected.

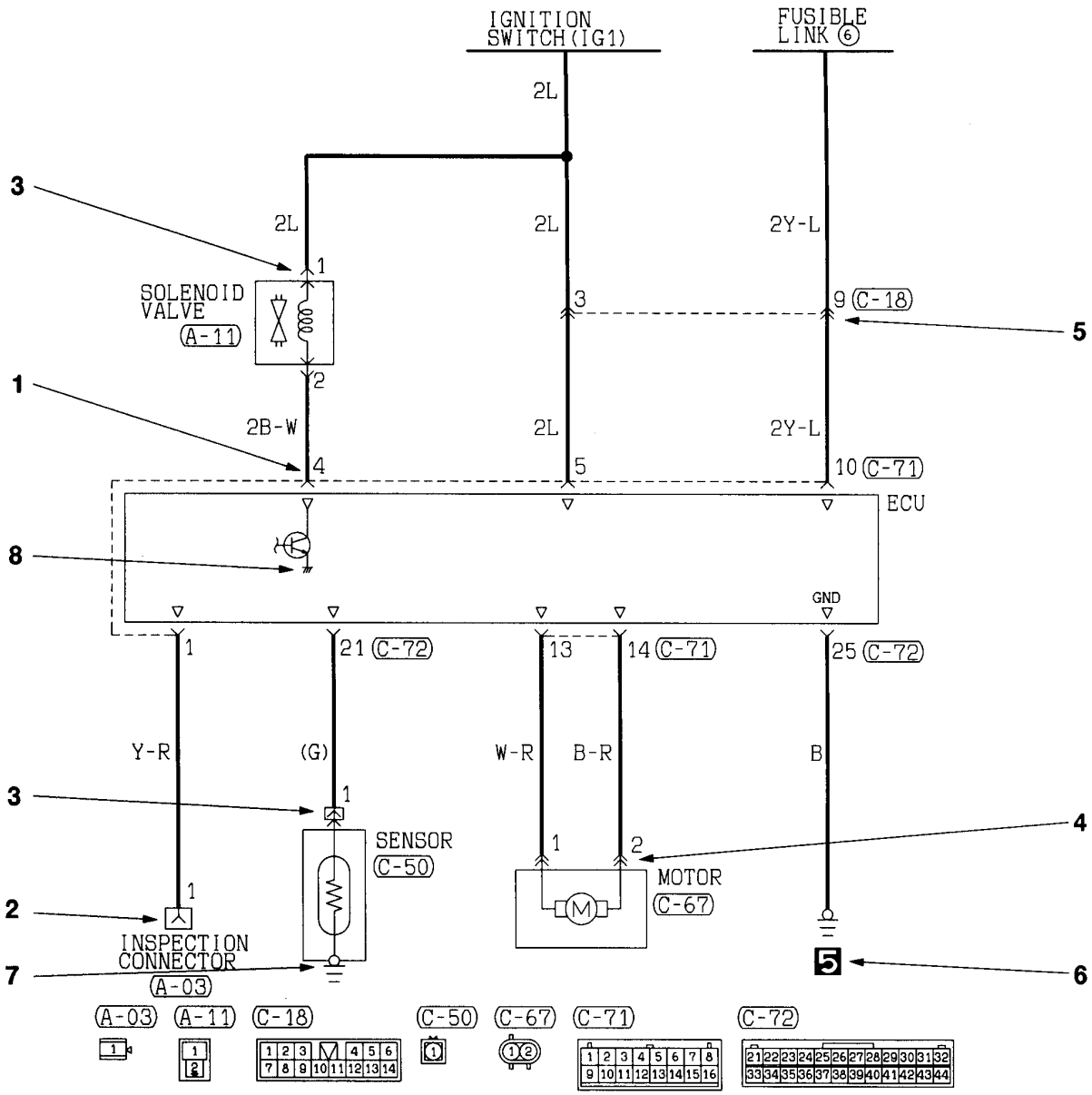
# HOW TO READ CIRCUIT DIAGRAMS

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.

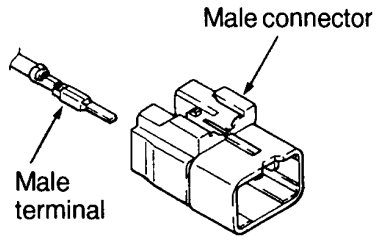


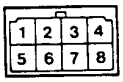

Indicates input/output to/from control unit (current flow direction).
Input
Output
Input/ output
A broken line indicates that these connectors are the same intermediate connectors.
IGNITION SWITCH (IG1)
RESISTOR
2
Indicates that the diagram comes from which belongs to the 1 block in the same circuit.
Indicates terminal No.
In case two or more connectors are connected to the same device, markings indicating the same connectors 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 colour changes.
Indicates intersections at which the lead wire are not connected.
Indicates intersections at which the lead wires are connected.
Indicates vehicle body earth point. (Same No. as that of earth point in wiring harness diagram and installation locations of individual parts.)
Indicates that the terminal is a spare one if the device (sensors in this case) is not provided.
B-W
B-L
2L
B
G
G-R
B-R
2B
SOLENOID VALVE
A-12
C-15
C-18
C-27
C-28
C-26
C-35
ECU
GND
SENSOR
MOTOR
C-02
3
GV00E00AB

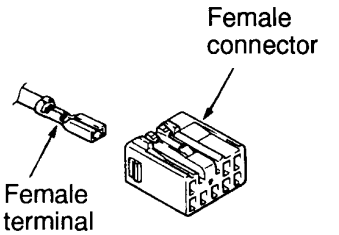
# MARKINGS FOR CONNECTOR EARTHING

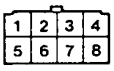


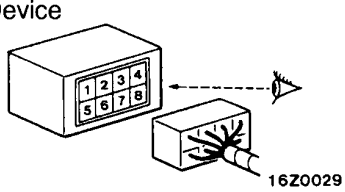

0V00E01AA

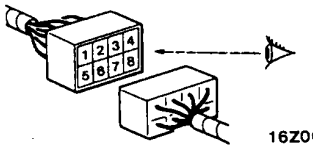
<table>
<tr><th>Item</th><th>No.</th><th>Connector/Earthing</th><th>Symbol</th><th>Contents</th></tr>
<tr><td rowspan="3">Connector and terminal marking</td><td>1</td><td rowspan="2"> 

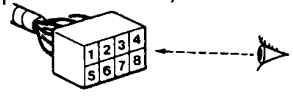
A16Z0002</td><td>Male terminal<br> 
16Z0021</td><td rowspan="3">The male and female terminals are indicated as shown. The connector with male terminal(s) is called as male connector and indicated by double connector contour linens, while the connector with female terminal(s) is called as female connector and indicated by single connector contour line.</td></tr>
<tr><td>Male connector<br> 

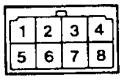
16Z0016</td></tr>
<tr><td>–</td><td> 

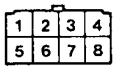
A16Z0003</td><td>Female terminal<br> 
16Z0022<br>Female connector<br> 

16Z0017</td></tr>
<tr><td>Connector symbol marking</td><td>2</td><td>Device<br> 

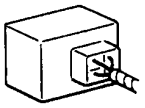
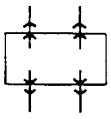
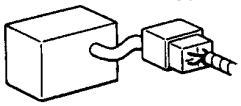
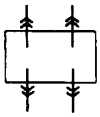
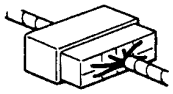
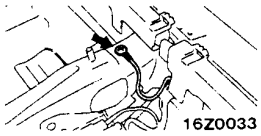
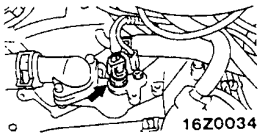
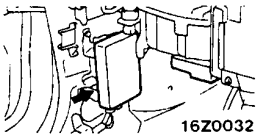
16Z0029<br>Intermediate connector<br> 

16Z0030<br>Spare connector, check connector<br> 

16Z0031</td><td> 

16Z0016<br> 

16Z0017</td><td>The symbol indicates the vehicle 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, a male connector symbol is shown. For spare connectors and check connectors, no device is connected, and so the harness-side connector symbol is shown for these connectors. The details for the diagnosis connector differ from the above description. For details, refer to the "MUT-II operation instructions".</td></tr>
</table>

| Item | No. | Connector/Earthing | Symbol | Contents |
|---|---|---|---|---|
| Connector connection marking | 3 | Direct connection type  16Z0026 |  16Z0023 | 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 on the device side furnished (harness connection type). The two types are indicated as illustrated. |
| | 4 | Harness connection type  16Z0027 |  16Z0024 | |
| | 5 | Intermediate connector  16Z0028 |  16Z0025 | |
| Earth markings | 6 | Body earth  16Z0033 |  16Z0018 | Earth is either by body earth, device earth or control unit interior earth. These are indicated as illustrated. |
| | 7 | Device earth  16Z0034 |  16Z0019 | |
| | 8 | Earth in control unit  16Z0032 |  16Z0020 | |

# WIRING HARNESS CONFIGURATION DIAGRAMS

| Connector symbol | Name | | Reference page | Description of changes |
|---|---|---|---|---|
| A | ENGINE COMPARTMENT | Petrol <L.H. drive vehicles> | 2-2 | • Following connectors have been discontinued.<br>  • Horn (LO) (A-36)<br>  • Horn (HI) (A-49)<br>• Following connectors have been added.<br>  • Starter relay (A-21X)<br>  • Front wiring harness and fog lamp wiring harness combination (A-106)<br>• Position lamp (LH) connector (A-33) and position lamp (RH) connector (A-51) have been re-coloured from gray to milky white.<br>• Horn (LO) connector (A-35) and horn (HI) connector (A-41) have been re-coloured from milky white to black.<br>• Front turn-signal lamp (LH) connector (A-37) and front turn-signal lamp (RH) connector (A-47) have been re-coloured from brown to black.<br>• Outside thermo sensor <Multi-meter> connector (A-38) has been re-coloured from black to gray.<br>• The mounting positions of the following connectors have been revised.<br>  • Headlamp washer motor (A-88)<br>  • Windshield washer motor (A-91) |
| | | Petrol <R.H. drive vehicles> | 2-6 | |
| | | Diesel <L.H. drive vehicles> | 2-10 | • Following connectors have been discontinued.<br>  • Horn (LO) (A-36)<br>  • Horn (HI) (A-49)<br>• Front wiring harness and fog lamp wiring harness combination connector (A-106) has been added.<br>• Position lamp (LH) connector (A-33) and position lamp (RH) connector (A-51) have been re-coloured from gray to milky white.<br>• Horn (LO) connector (A-35) and horn (HI) connector (A-41) have been re-coloured from milky white to black.<br>• Front turn-signal lamp (LH) connector (A-37) and front turn-signal lamp (RH) connector (A-47) have been re-coloured from brown to black.<br>• Outside thermo sensor <Multi-meter> connector (A-38) has been re-coloured from black to gray.<br>• The mounting positions of the following connectors have been revised.<br>  • Headlamp washer motor (A-88)<br>  • Windshield washer motor (A-91) |
| | | Diesel <R.H. drive vehicles> | 2-14 | |
| B | TRANSMISSION | – | 2-18 | • The wiring harness configuration diagram for the 2000 model has been established. |

| Connector symbol | Name | | Reference page | Description of changes |
|---|---|---|---|---|
| C | DASH PANEL | L.H. drive vehicles | 2-20 | • Terminal numbers of the SRS-ECU connector (C-25) have been changed from 21 to 20.<br>• Terminal numbers of the front wiring harness and transmission wiring harness combination connector (C-31) have been changed from 5 to 7.<br>• Following connectors have been added.<br>  • Diode (for sunroof circuit) (C-72)<br>  • Combination meter (C-73)<br>  • Hold switch <A/T> (C-74)<br>  • Glove box lamp switch (C-75)<br>  • Glove box lamp switch (C-76)<br>  • Glove box lamp (C-77)<br>  • Hazard warning relay (C-78)<br>  • Body wiring harness and front wiring harness combination (C-79)<br>  • Engine-A/T-ECU <Petrol-A/T> (C-81)<br>  • Engine-A/T-ECU <Petrol-A/T> (C-82)<br>  • Engine-A/T-ECU <Petrol-A/T> (C-83)<br>  • Engine-A/T-ECU <Petrol-A/T> (C-84)<br>  • Motor antenna (C-85)<br>  • Antenna length sensor (C-86)<br>  • A/T control relay (C-87)<br>  • A/T selector lever position illumination lamp (C-88)<br>  • Wide-open throttle switch <A/T> (C-89)<br>  • Body wiring harness and transmission wiring harness combination (C-90)<br>  • Front wiring harness and transmission wiring harness combination (C-91)<br>  • Motor antenna-ECU (C-92)<br>• Engine-ECU <Petrol> connector (C-47) has been re-named to the engine-ECU <Petrol-M/T>.<br>• Engine-ECU <Petrol> connector (C-49) has been re-named to the engine-ECU <Petrol-M/T>.<br>• Engine-ECU <Petrol> connector (C-50) has been re-named to the engine-ECU <Petrol-M/T>.<br>• Engine-ECU <Petrol> connector (C-51) has been re-named to the engine-ECU <Petrol-M/T>.<br>• The mounting positions of the following connectors have been revised.<br>  • Rear fog lamp relay (C-44)<br>  • Defogger relay (C-65)<br>  • Engine oil level relay <Petrol> (C-66)<br>  • Engine oil level relay <Diesel> (C-67) |

| Connector symbol | Name | | Reference page | Description of changes |
|---|---|---|---|---|
| C | DASH PANEL | R.H. drive vehicles | 2-24 | • Terminal numbers of the SRS-ECU (C-25) have been changed from 21 to 20.<br>• Terminal numbers of the front wiring harness and transmission wiring harness combination connector (C-31) have been changed from 5 to 7.<br>• Following connectors have been added.<br>  • Diode (for sunroof circuit) (C-72)<br>  • Combination meter (C-73)<br>  • Hold switch <A/T> (C-74)<br>  • Hazard warning relay (C-78)<br>  • Body wiring harness and front wiring harness combination (C-79)<br>  • Engine-A/T-ECU <Petrol-A/T> (C-81)<br>  • Engine-A/T-ECU <Petrol-A/T> (C-82)<br>  • Engine-A/T-ECU <Petrol-A/T> (C-83)<br>  • Engine-A/T-ECU <Petrol-A/T> (C-84)<br>  • Motor antenna (C-85)<br>  • Antenna length sensor (C-86)<br>  • A/T control relay (C-87)<br>  • A/T selector lever position illumination lamp (C-88)<br>  • Wide-open throttle switch <A/T> (C-89)<br>  • Body wiring harness and transmission wiring harness combination (C-90)<br>  • Front wiring harness and transmission wiring harness combination (C-91)<br>  • Motor antenna-ECU (C-92)<br>• Engine-ECU <Petrol> connector (C-47) has been re-named to the engine-ECU <Petrol-M/T>.<br>• Engine-ECU <Petrol> connector (C-49) has been re-named to the engine-ECU <Petrol-M/T>.<br>• Engine-ECU <Petrol> connector (C-50) has been re-named to the engine-ECU <Petrol-M/T>.<br>• Engine-ECU <Petrol> connector (C-51) has been re-named to the engine-ECU <Petrol-M/T>.<br>• The mounting positions of the following connectors have been revised.<br>  • Rear fog lamp relay (C-44)<br>  • Defogger relay (C-65)<br>  • Engine oil level relay <Petrol> (C-66)<br>  • Engine oil level relay <Diesel> (C-67) |

| Connector symbol | Name | | Reference page | Description of changes |
|---|---|---|---|---|
| D | STEERING COLUMN, JUNCTION BLOCK AND RELAY BOX | L.H. drive vehicles | 2-28 | • ETACS-ECU connector (D-30) has been re-named to the ETACS-ECU <Vehicles without keyless entry system>.<br>• ETACS-ECU <Vehicles with keyless entry system> connector (D-32) has been added. |
| | | R.H. drive vehicles | 2-30 | |
| E | FLOOR AND ROOF | L.H. drive vehicles | 2-32 | • Following connectors have been added.<br>• Keyless entry receiver-ECU (E-44)<br>• Accessory socket (2) (E-45)<br>• Accessory socket (2) (E-46)<br>• Motor antenna switch (E-47)<br>• Oxygen sensor (E-48) |
| | | R.H. drive vehicles | 2-34 | |
| F | DOOR | L.H. drive vehicles | 2-36 | • The mounting positions of the following connectors have been revised.<br>• Door lamp (LH) (F-12)<br>• Door lamp (RH) (F-26)<br>• Door lock key cylinder switch (LH) connector (F-06) has been discontinued. |
| | | R.H. drive vehicles | 2-38 | • The mounting positions of the following connectors have been revised.<br>• Door lamp (LH) (F-12)<br>• Door lamp (RH) (F-26)<br>• Door lock key cylinder switch (RH) connector (F-20) has been discontinued. |

# SINGLE PART INSTALLATION POSITION

| Location of changes | Reference page | Description of changes |
|---|---|---|
| RELAY | 3-2 | • Following relays have been added.<br>• A/T control relay<br>• Hazard warning relay <with keyless entry><br>• The mounting positions of the defogger relay, rear fog lamp relay and engine oil level relay have been changed. |
| ECU | 3-3 | • Following ECUs have been added.<br>• Engine-A/T-ECU<br>• Motor antenna-ECU<br>• Keyless entry receiver-ECU |
| SENSOR | 3-4 | • Following sensors have been added.<br>• A/T fluid temperature sensor<br>• Antenna length sensor<br>• Input shaft speed sensor <A/T><br>• Output shaft speed sensor <A/T><br>• Oxygen sensor <A/T><br>• Oxygen sensor <M/T> |
| SOLENOID VALVE | 3-5 | • A/T control solenoid valve assembly has been added. |
| DIODE | 3-5 | • Diode (for sunroof circuit) has been added. |

# CIRCUIT DIAGRAMS

| Main title | Sub title | Reference page | Description of changes |
|---|---|---|---|
| JOINT CONNECTOR (J/C) | – | 4-4 | • The circuit for the 2000 model has been established. |
| CENTRALIZED JUNCTION | – | 4-8 | • Modifications have been made to correspond to the introduction of the INVECS-II A/T and the keyless entry system. |
| STARTING SYSTEM | M/T | 4-12 | • The circuit has been newly established to correspond to the introduction of the INVECS-II A/T. |
| | A/T | 4-13 | |
| IGNITION SYSTEM | – | 4-14 | • The circuit has been changed to correspond to the introduction of the INVECS-II A/T. |
| GLOW SYSTEM | – | 4-15 | • The circuit has been changed to correspond to the change of the combination meter. |
| ENIGNE CONTROL SYSTEM | M/T | 4-16 | • The circuit has been added to correspond to the introduction of the INVECS-II A/T. |
| | A/T | 4-24 | |
| | Diesel | 4-32 | • Due to the change on the combination meter, the circuit has been changed. |
| INVECS-II 4A/T | – | 4-34 | • The circuit has been added to correspond to the introduction of the INVECS-II A/T. |
| TAIL LAMP, POSITION LAMP AND LICENCE PLATE LAMP | L.H. drive vehicles | 4-44 | • Due to the change on the body wiring harness and floor wiring harness combination (E-40), the circuit has been changed. |
| | R.H. drive vehicles | 4-46 | |
| FRONT FOG LAMP | L.H. drive vehicles | 4-48 | • Due to the addition of connector (A-106) at the front wiring harness and fog lamp wiring harness combination, the circuit has been changed. |
| | R.H. drive vehicles | 4-50 | |
| REAR FOG LAMP | L.H. drive vehicles | 4-52 | • The circuit has been revised as the body wiring harness/frame wiring harness combination connector (E-41) and the combination meter have been changed. |
| | R.H. drive vehicles | 4-56 | |
| GLOVE BOX LAMP | – | 4-59 | • The circuit has been added due to the addition of the glove box lamp. |
| HEADLAMP LEVELING SYSTEM | – | 4-60 | • The circuit has been changed as the mounting position of the headlamp leveling switch has been changed. |
| ROOM LAMP, MAP LAMP AND LUGGAGE COMPARTMENT LAMP | Vehicles with keyless entry system | 4-62 | • The circuit has been changed to correspond to the addition of the keyless entry system. |
| | Vehicles without keyless entry system | 4-66 | |
| IGNITION KEY CYLINDER ILLUMINATION LAMP | L.H. drive vehicles | 4-68 | • The circuit has been changed as the body wiring harness/floor wiring harness combination connector (E-40) has been changed and keyless entry system has been added. |
| | R.H. drive vehicles | 4-69 | |

| Main title | Sub title | Reference page | Description of changes |
|---|---|---|---|
| DOOR LAMP | L.H. drive vehicles | 4-70 | • The circuit has been added as the body wiring harness/floor wiring harness combination connector (E-40) has been changed and the diode has been added. |
| | R.H. drive vehicles | 4-71 | |
| TURN-SIGNAL LAMP AND HAZARD WARNING LAMP | – | 4-72 | • The circuit has been changed as the body wiring harness/floor wiring harness combination connector (E-40) has been changed and the keyless entry system has been added. |
| STOP LAMP | – | 4-74 | • The circuit has been changed due to the change on body wiring harness and floor wiring harness combination connector (E-40). |
| BACK-UP LAMP | – | 4-76 | • The circuit has been changed to correspond to the introduction of the INVECS-II A/T system. |
| HORN | – | 4-77 | • The circuit has been changed due to the change on the horns (LO and HI). |
| METER AND GAUGE | – | 4-78 | • The circuit has been changed as body wiring harness/transmission wiring harness combination connector (C-30) and body wiring harness/frame wiring harness combination connector (E-41) have been revised. |
| BRAKE WARNING LAMP | – | 4-82 | • The circuit has been changed as body wiring harness/frame wiring harness combination connector (E-41) has been changed. |
| FUEL WARNING LAMP | – | 4-82 | |
| OIL PRESSURE WARNING LAMP | – | 4-83 | |
| FUEL FILTER WARNING LAMP | – | 4-83 | |
| CENTRAL DOOR LOCKING SYSTEM | L.H. drive vehicles with keyless entry system | 4-84 | • The circuit has been added due to the addition of the keyless entry system. |
| | L.H. drive vehicles without keyless entry system | 4-94 | |
| | R.H. drive vehicles with keyless entry system | 4-98 | |
| | R.H. drive vehicles without keyless entry system | 4-108 | |
| POWER WINDOWS | – | 4-112 | • The circuit has been changed as body wiring harness/floor wiring harness combination connector (E-39) has been changed. |
| HEATER | Petrol-powered vehicles | 4-116 | • The circuit for the 2000 models has been added. |
| | Diesel-powered vehicles | 4-118 | |

| Main title | Sub title | Reference page | Description of changes |
|---|---|---|---|
| AIR CONDITIONER | Petrol-powered vehicles | 4-120 | • The circuit has been changed due to the introduction of the INVECS-II A/T system and the change on J/C (4). |
| | Diesel-powered vehicles | 4-124 | • The circuit has been changed due to the change on J/C (4). |
| REAR HEATER | – | 4-128 | • The circuit has been changed as body wiring harness/floor wiring harness combination connector (C-39) and body wiring harness/floor wiring harness combination connector (C-40) have been changed. |
| HEADLAMP WASHER | – | 4-134 | • The circuit has been changed due to the change on J/C (4). |
| RADIO AND TAPE PLAYER | – | 4-136 | • The circuit has been changed due to the addition of the motor antenna. |
| ACCESSORY SOCKET | – | 4-139 | • The circuit has been changed due to the change on J/C (4). |
| ANTI-SKID BRAKING SYSTEM (ABS) | – | 4-140 | • The circuit has been changed as body wiring harness/transmission wiring harness combination connector (C-30) and body wiring harness/frame wiring harness combination connector (C-41) have been changed. |
| SUPPLEMENTAL RESTRAINT SYSTEM (SRS) | – | 4-146 | • The circuit has been changed due to the change on the SRS-ECU. |
| AUTO-CRUISE CONTROL SYSTEM | – | 4-148 | • The circuit has been changed as body wiring harness/transmission wiring harness combination connector (C-30) has been changed and the INVECS-II A/T has been introduced. |
| PART TIME 4WD SYSTEM | – | 4-154 | • The circuit has been changed as body wiring harness/transmission wiring harness combination connector (C-30) has been changed. |
| SUNROOF | – | 4-156 | • The circuit has been changed as body wiring harness/floor wiring harness combination connector (E-40) has been changed and a diode has been added. |
| IMMOBILIZER SYSTEM | Petrol-powered vehicles | 4-158 | • The circuit has been changed due to the introduction of the INVECS-II A/T system. |
| LIGHTING MONITOR BUZZER | L.H. drive vehicles | 4-160 | • The circuit has been changed due to the change on body wiring harness/floor wiring harness combination connector (E-40) and the addition of the keyless entry system. |
| | R.H. drive vehicles | 4-162 | |
| HEATED SEAT | – | 4-164 | • The circuit has been changed due to the change on the heated seat switch. |
| RHEOSTAT | – | 4-166 | • The circuit has been changed due to the introduction of the INVECS-II A/T system. |

| Main title | Sub title | Reference page | Description of changes |
|---|---|---|---|
| FUEL LINE HEATER | – | 4-167 | • The circuit has been changed due to the change on J/C (4). |
| INTERCOOLER FAN | – | 4-168 | • The circuit has been changed due to the change on body wiring harness/transmission wiring harness combination connector (C-30). |

# TABLE OF CIRCUIT DIAGRAMS

This table of circuit diagrams indicates those circuits in which changes and/or additions, etc. have been made; the circuits are here listed in the sequence in which they are pressented in the wiring diagrams. Please use this table for reference when following maintenance or repair procedures.

NOTE
(1) A (Added) : This circuit has been newly added.
(2) R (Revised) : This circuit has been changed.
(3) D (Deleted) : This circuit has been deleted.
(4) I (Included) : This circuit is included in the previous manual(s).
(5) N (Not applicable) : This circuit is not applicable.
(6) P (Previous manual) : This circuit is not included, because it has not been changed. Refer to the previous manual(s).

| Main circuit | Circuit classifications | Previous manual: Pub. No. PHJE9810 (Basic) | This manual:Pub. No. PHJE9810-A (Supplement) |
|---|---|---|---|
| JUNCTION BLOCK (J/B) | – | I | P |
| JOINT CONNECTOR (J/C) | – | I | R |
| CENTRALIZED JUNCTION | – | I | R |
| POWER DISTRIBUTION SYSTEM | L.H. drive vehicles | I | P |
| | R.H. drive vehicles | I | P |
| STARTING SYSTEM | – | I | D |
| | M/T | N | A |
| | A/T | N | A |
| IGNITION SYSTEM | – | I | R |
| CHARGING SYSTEM | Petrol-powered vehicles | I | P |
| | Diesel-powered vehicles | I | P |
| GLOW-SYSTEM | – | I | R |
| ENGINE CONTROL SYSTEM | – | I | D |
| | MPI-M/T | N | A |
| | MPI-A/T | N | A |
| | Diesel | I | R |
| INVECS-II 4A/T | – | N | A |
| HEADLAMP | L.H. drive vehicles with daytime running lamp | I | P |
| | L.H. drive vehicles without daytime running lamp | I | P |
| | R.H. drive vehicles | I | P |