



# **DAIHATSU** **F300**



## **HARNESS & WIRING DIAGRAM**

|                          |       |
|--------------------------|-------|
| <b>GENERAL HANDLING</b>  |       |
| INSTRUCTIONS .....       | HW- 2 |
| FUSE BLOCK .....         | HW- 6 |
| FUSIBLE LINK BLOCK ..... | HW- 7 |
| FUSE CIRCUIT .....       | HW- 8 |
| WIRING HARNESSSES .....  | HW-14 |
| WIRING CLAMPING .....    | HW-43 |

WFESD-HW001



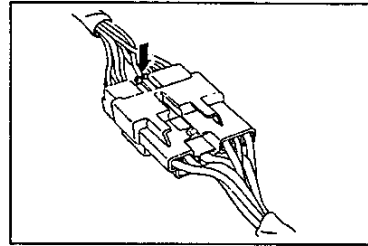
## HARNESS & WIRING DIAGRAM

### GENERAL HANDLING INSTRUCTIONS

#### HANDLING AND INSPECTION

##### Removal

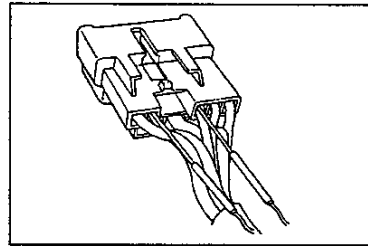
To disconnect the connector, simply pull out the connector while the lock lever is being pressed down, as indicated in the right figure.



WFES90-HW002

##### Inspection

When you conduct continuity checks or voltage checks using a circuit tester, if you insert a test probe from the connector side, it is impossible to get an adequate fitting. Hence, be sure to positively insert the test probe from the harness side, as indicated in the right figure.

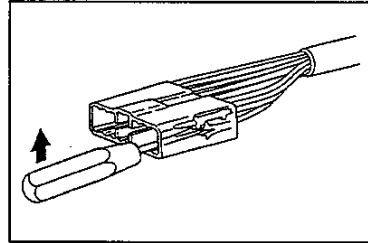


WFES90-HW003

#### REPLACEMENT

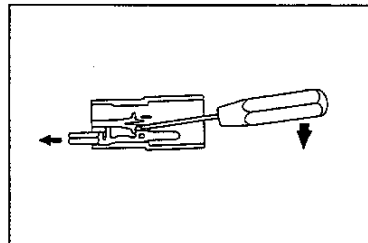
##### Removal

- (1) From the aperture, insert a miniature type common screwdriver into between the locking lug and the terminal.



WFES90-HW004

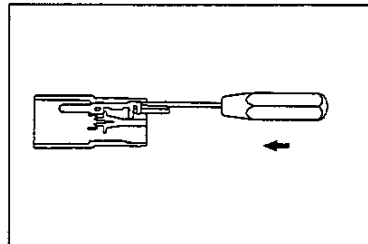
- (2) While the locking lug is being pried upward by means of a screwdriver, pull out the terminal from the backside.



WFES90-HW005

##### Installation

- (1) Insert the terminal, until the locking lug is locked positively.
- (2) Ensure that the locking lug is locked positively by raising the wire.



WFES90-HW006

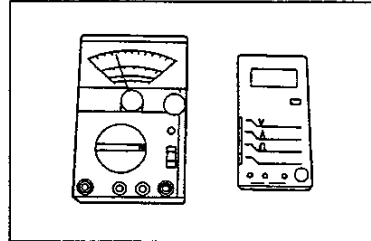
## HARNESS & WIRING DIAGRAM

### INSPECTION

#### Tester (Volt/ohmmeter)

For the inspection, use a tester having an internal resistance of more than 10 k $\Omega$ /V.

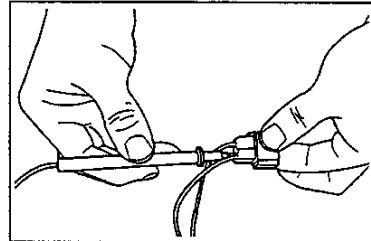
Use of a tester with a low internal resistance may cause wrong measurement or secondary troubles.



WFE90-HW007

#### Conventional type connector

When resistance measurement and/or voltage measurement is conducted at the connector section, insert the measuring probe from the back of the connector, being very careful not to damage the harness-to-terminal connections.



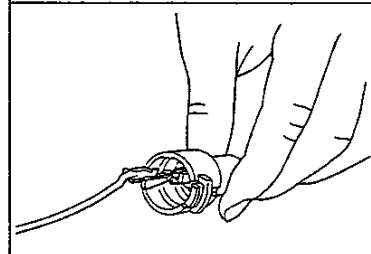
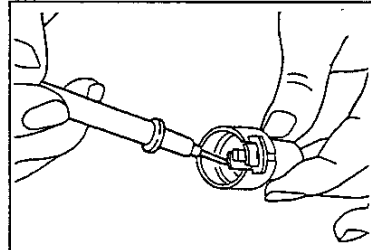
WFE90-HW008

#### Water-proof type connector

When resistance measurement and/or voltage measurement is conducted at the connector section, bring the measuring probe into contact with the terminal at the connection side of the connector.

Be very careful not to apply excessive force to the terminal at the connector side. Failure to observe this caution may deform the terminal, causing poor continuity.

As an alternative method, insert a male or female terminal into the connector terminal or connect an adequate attachment. Then, connect the measuring probe.



WFE90-HW009

### CONNECTION

Perform the connection, until the lock is completely engaged.

#### NOTE:

- To confirm whether the lock type connector has been locked or not, lightly pull the connector. Make sure that the connector will not be disconnected.
- Be sure to press the connector again before finishing the confirmation.

WFE90-HW010

## HARNESS & WIRING DIAGRAM

### OPERATION OF WIRE HARNESS

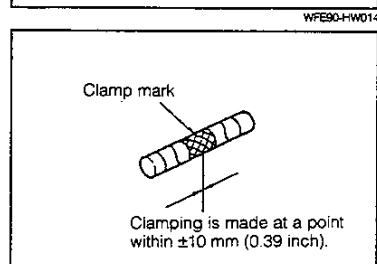
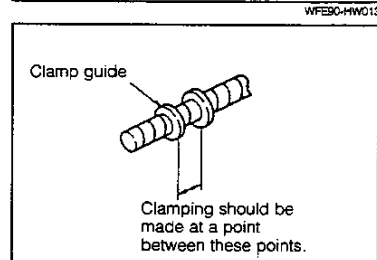
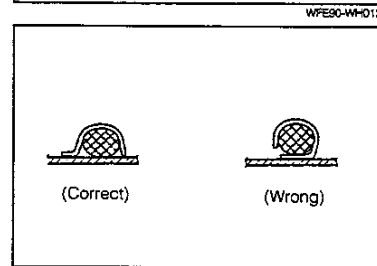
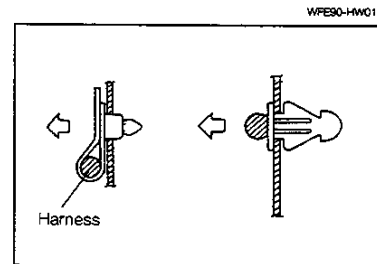
#### 1. General Instructions

- (1) Never pull the connectors or step on them during the wire harness transport or assembly.  
(Prevention of pulling-out of terminals, connector cracks, deformation and so forth)
- (2) Care must be exercised to ensure that no scratch is made to the wire harness by burrs or edges during the wire harness transport or assembly.  
(Prevention of scratches to the outer trim, electrical insulators and so forth)
- (3) Clamping method  
In the case of resin clamps, ensure that the clamp section is fitted in the body hole.

#### NOTE:

- Ensure that the clamp will not be detached when it is pulled lightly in the arrow-headed direction.  
(Prevention of interference due to the detachment of the clamp)
- In the case of metal sheet welded clamps, be sure to assemble the harness in such a way that the harness will not come in contact with the welded surface.  
(Prevention of wire harness damage due to welding burrs)
- In case that the locating guide of the clamp position or the clamp mark is clamped, make sure that the clamp is located within the guide. As for the clamp at the clamp mark section, ensure that the clamping is made at a point within  $\pm 10$  mm (0.39 inch).

(Prevention of slackness or interference)



WFEB90-HW015

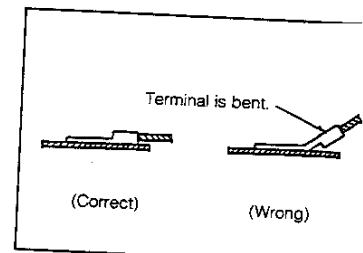
## HARNESS & WIRING DIAGR

### (4) Terminals and connectors

- Perform the connection of connectors positively.
  - Connector with lock ..... Ensure that the locking is made.
  - Connector without lock ..... Connect the connector positively until it stops.

WF90-1

- Retention by screws
  - When the tightening torque is specified, be sure to observe the specification strictly. (The tightening torque is posted in the table separately.)
  - Ensure that the staked section may not come on the assembling surface.
  - After completion of the tightening operation, lightly pull out the terminal. Ensure that there is no slackness.
- When performing other operations, care must be exercised to ensure that no connected connector is detached by pulling out the wire harness forcibly.



WF90-HWG

WF90-HWG

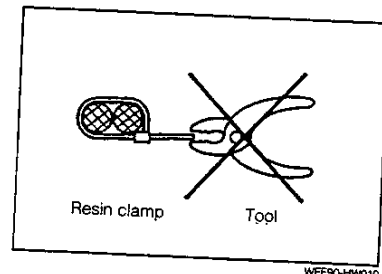
### 2. Work Procedure for Tightening-up Type Resin Clamps

#### <Work procedure>

When the tightening-up type resin clamps are employed, do not use any pliers, cutting pliers or the like.

#### <Reason>

Prevention of clamps being cut or scratched



WF90-HW019

### WIRING HARNESSSES

#### WARNING:

- The wire diameter and capacity of each harness have been determined to assure the normal operation of the electrical system.
- Hence, do not take power for accessories carelessly through the original wiring harness. Failure to observe this caution may cause system malfunction or fire.

WF90-HW020

## HARNESS & WIRING DIAGRAM

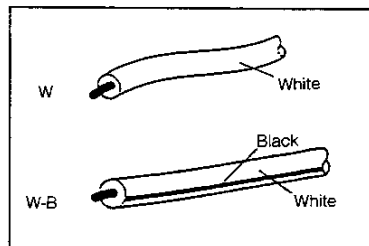
### Wiring Color Code

- For identification purpose, each wire has its own color. Each color bears a code as described in the right table. These codes are used in the wiring diagram and will be helpful during trouble shooting.

|       |        |             |        |
|-------|--------|-------------|--------|
| Code  | Gr     | Br          | B      |
| Color | Gray   | Brown       | Black  |
| Code  | W      | R           | G      |
| Color | White  | Red         | Green  |
| Code  | Y      | L           | O      |
| Color | Yellow | Blue        | Orange |
| Code  | P      | Lg          | V      |
| Color | Pink   | Light green | Violet |

WFE90-HW021

- The wire color comes in two kinds: single color and composite color. In the case of single color, the whole outer coat of the harness is of a single color. In the case of composite color, a fine line of the second color is drawn on the harness basic color. In this case, the code is composed of the basic color code which comes first and the second color code which comes after a hyphen.

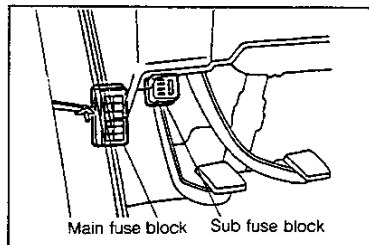


WFE90-HW022

## FUSE BLOCK

### Installing position

The fuse block is located at the left side of the steering wheel.



WFE90-HW023

## REPLACEMENT OF FUSES & FUSIBLE LINK

### PRECAUTION

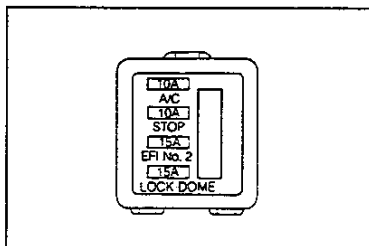
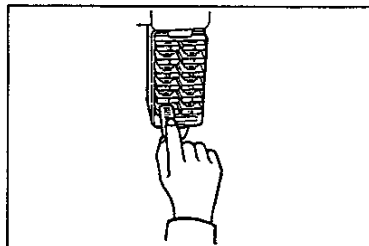
The fuse replacement must be made at all times by using a new fuse with the correct amperage.

#### NOTE:

- Before any fuse is replaced, be certain to turn OFF all electrical equipment and ignition switch. Never use any fuse in excess of the designated rating.
- Be sure to employ a puller for removing/installing fuses. Also, the removal/installation of fuses must be performed straight.

If the fuse is removed or installed in a twisted condition, the terminal will be expanded unduly, resulting in poor contact.

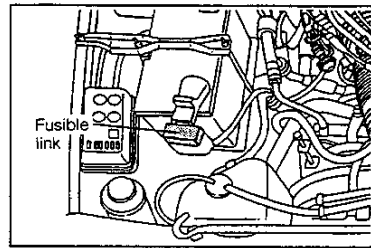
If any fuse is blown out repeatedly, the likelihood is that there exists a short in the relevant system. Hence, perform checks for possible systems, referring to Page and Section under "Wiring Diagram."



WFE90-HW024

### FUSIBLE LINK BLOCK

If the fusible link is blown out repeatedly, the likelihood is that there exists a short in the relevant system. Hence, perform checks for possible systems, referring to the wiring diagram.



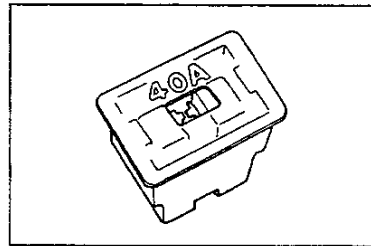
WFE90-HW025

#### Replacement

1. If visual inspection reveals that the fusible link is blown out, replace it with a new fusible link with the designated rating.

##### NOTE:

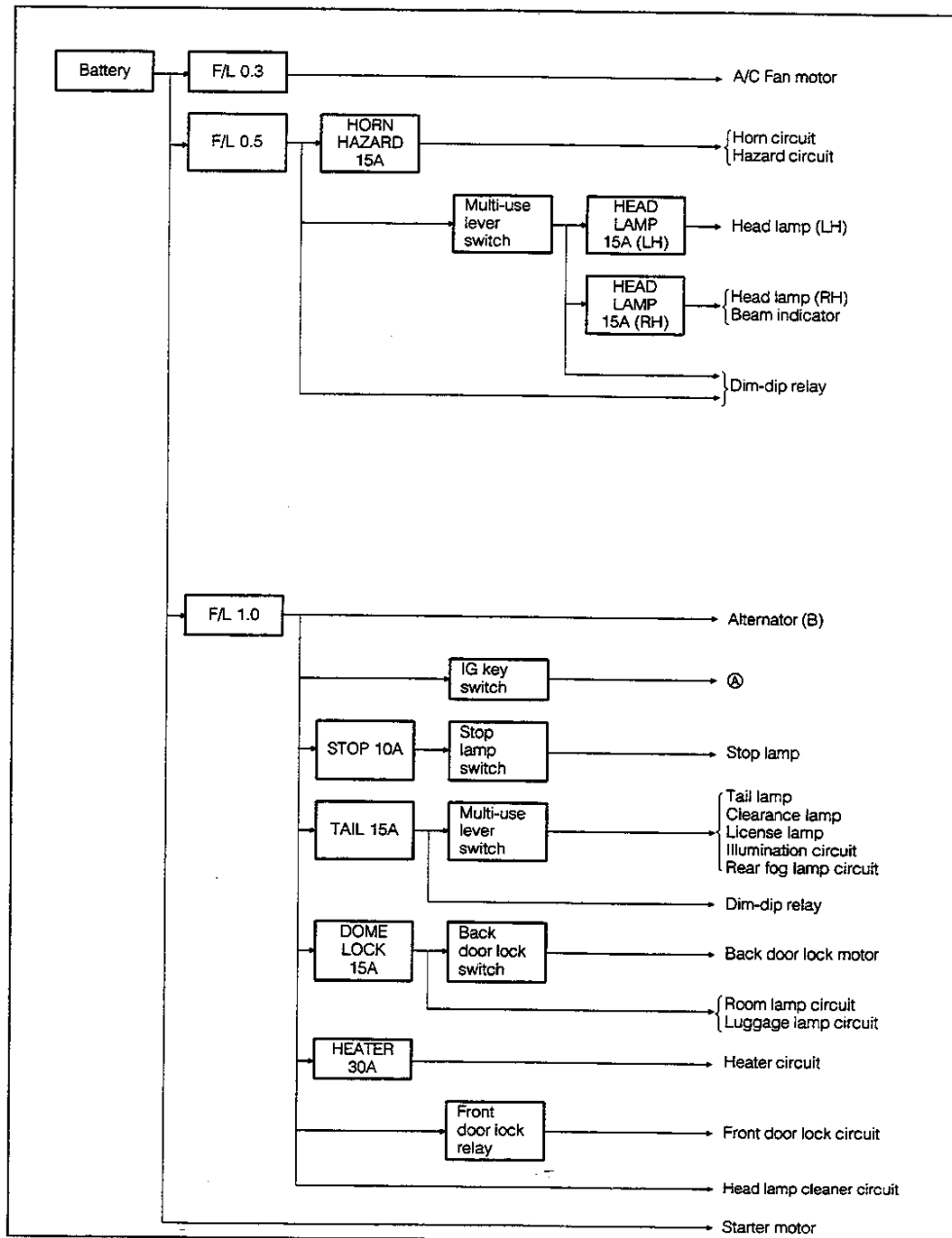
1. Before the fusible link is replaced, be sure to turn OFF the ignition key.
2. Care must be exercised to ensure that the fusible link is not twisted during the removal/installation. If the fusible link is replaced forcibly, it will cause breakage or poor contact.



WFE90-HW026

## HARNESS & WIRING DIAGRAM

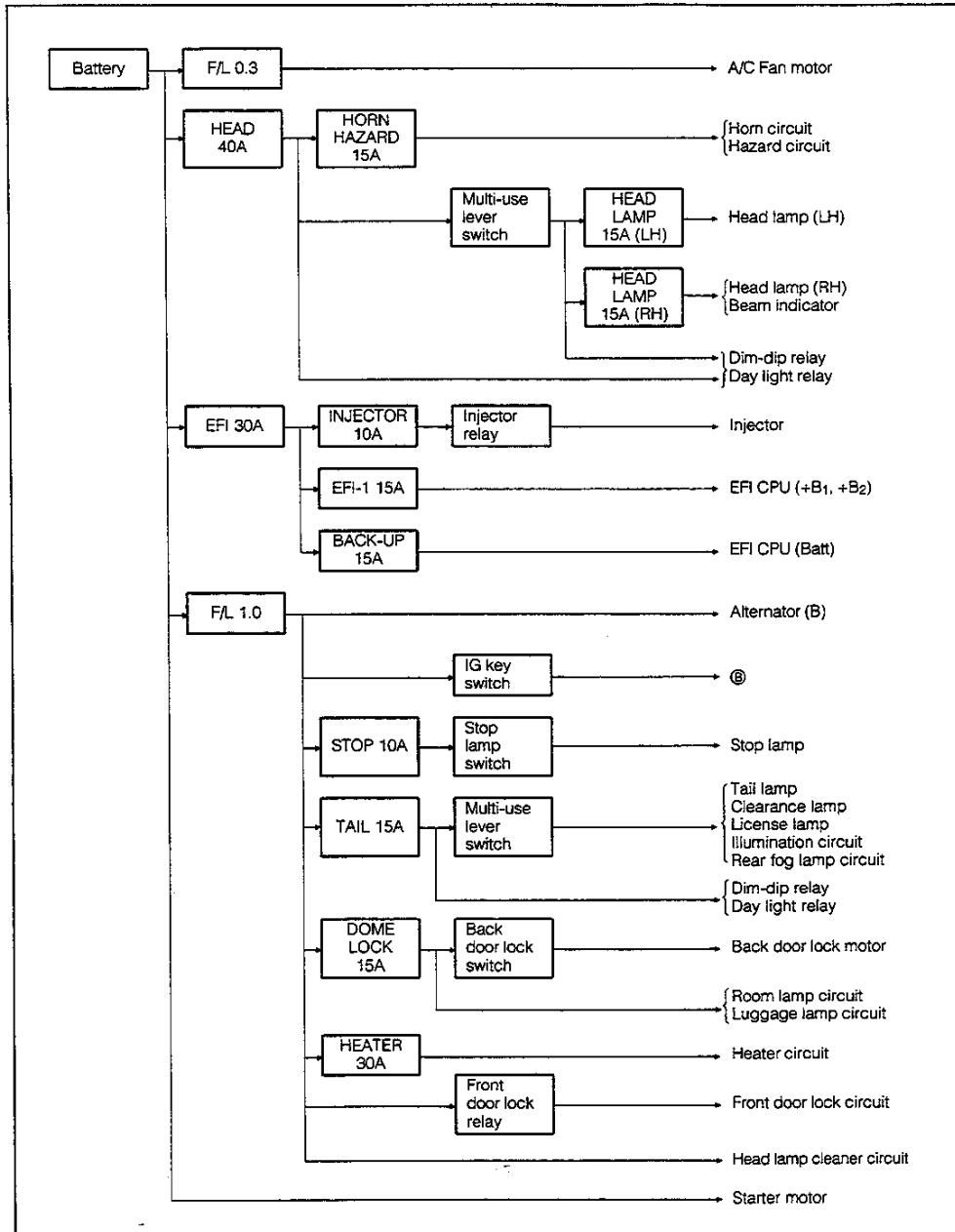
### FUSE CIRCUIT (HD-C engine)



WFE90-HW027

# HARNESS & WIRING DIAGRAM

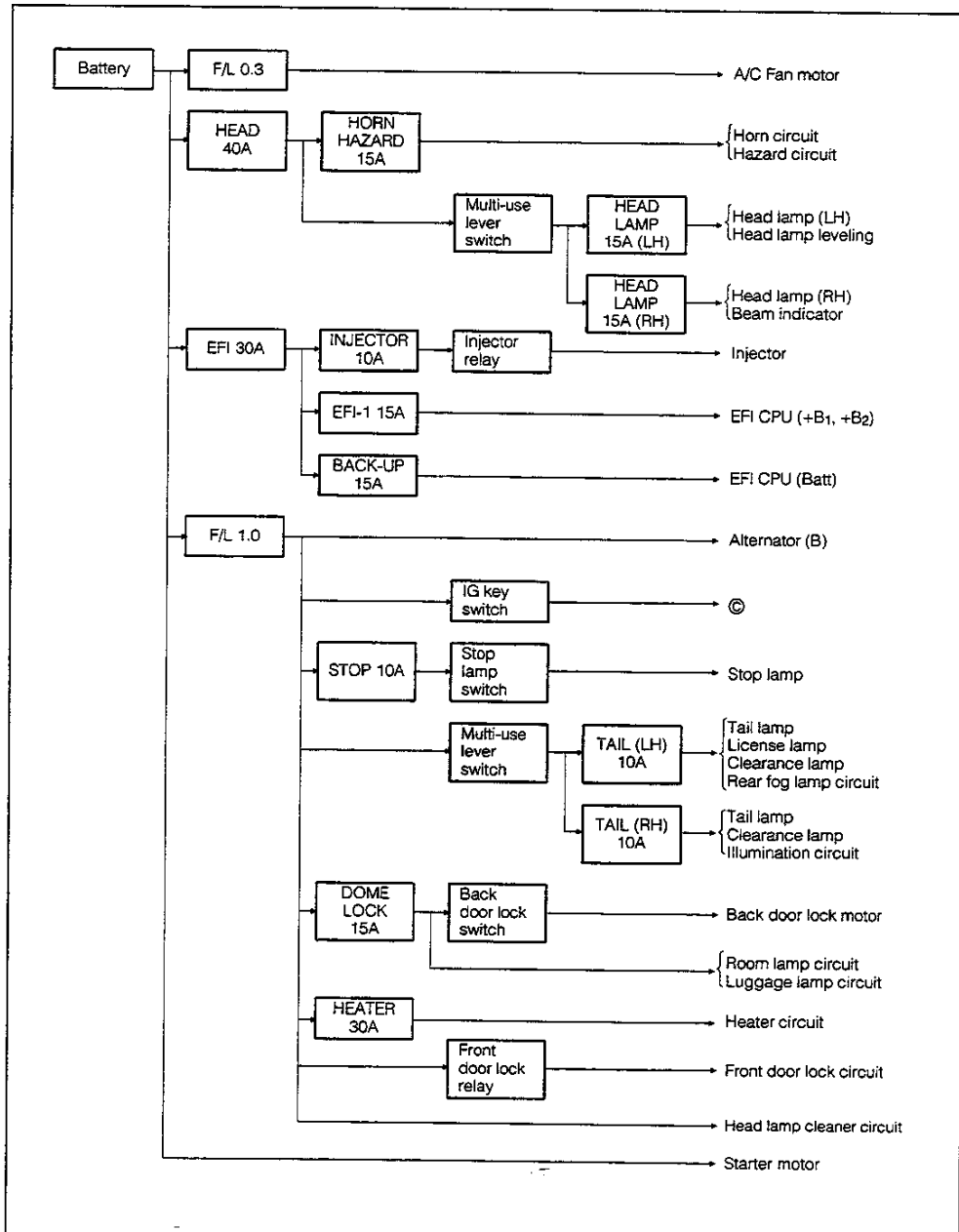
## FUSE CIRCUIT (HD-E engine)



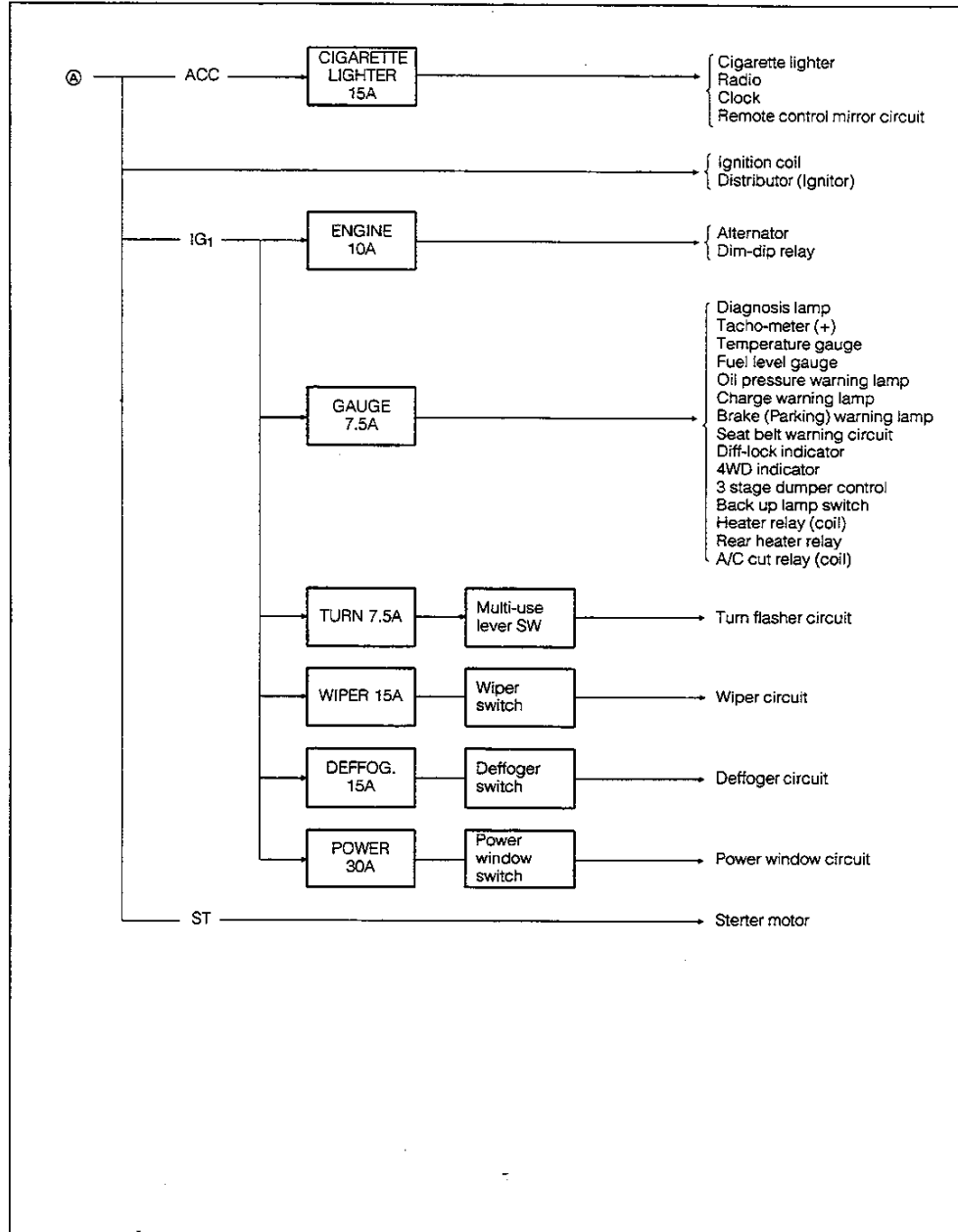
WPE90-HWC28

## HARNESS & WIRING DIAGRAM

### FUSE CIRCUIT (HD-E/German Specification)



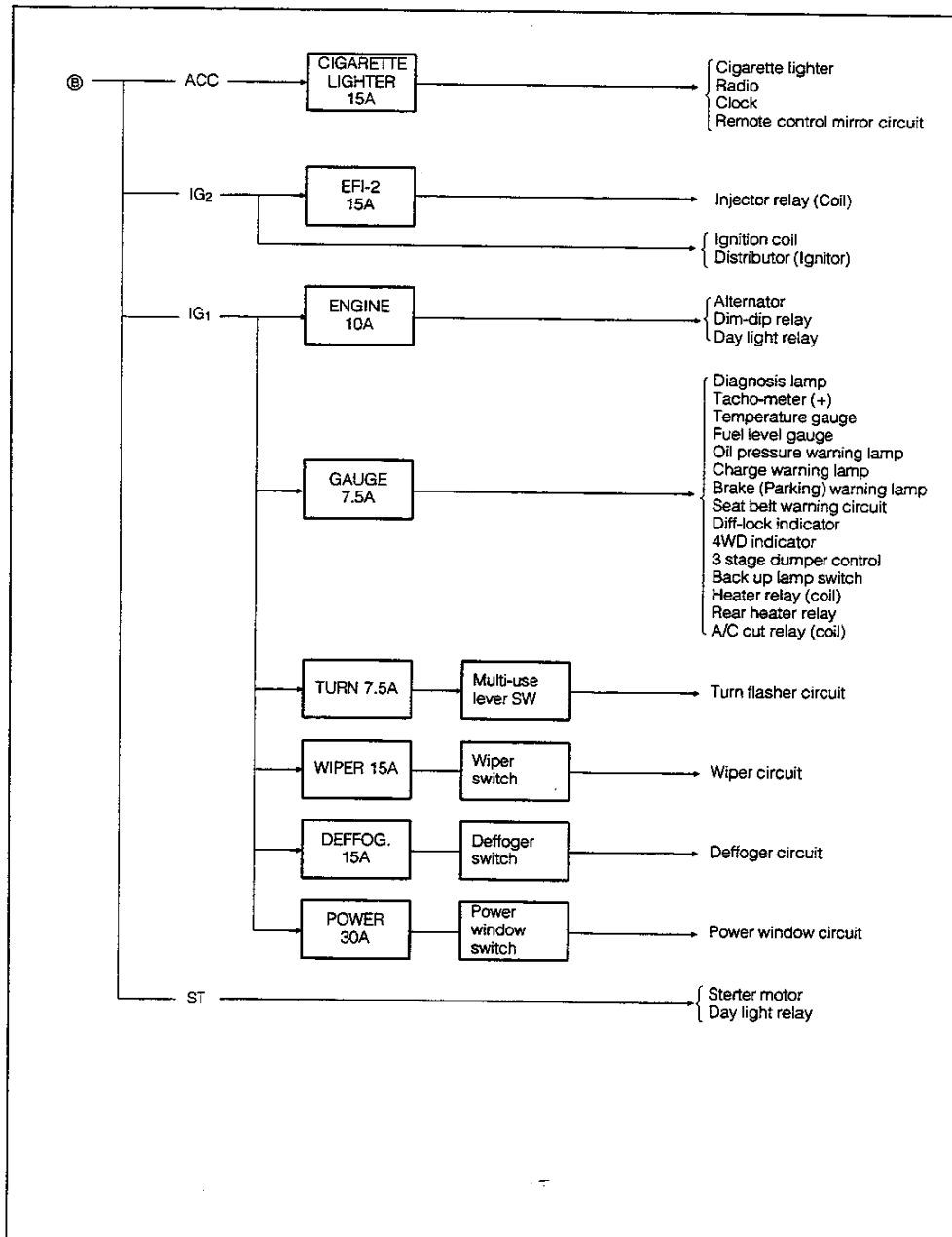
## FUSE CIRCUIT (HD-C engine)



WFE90-HW030

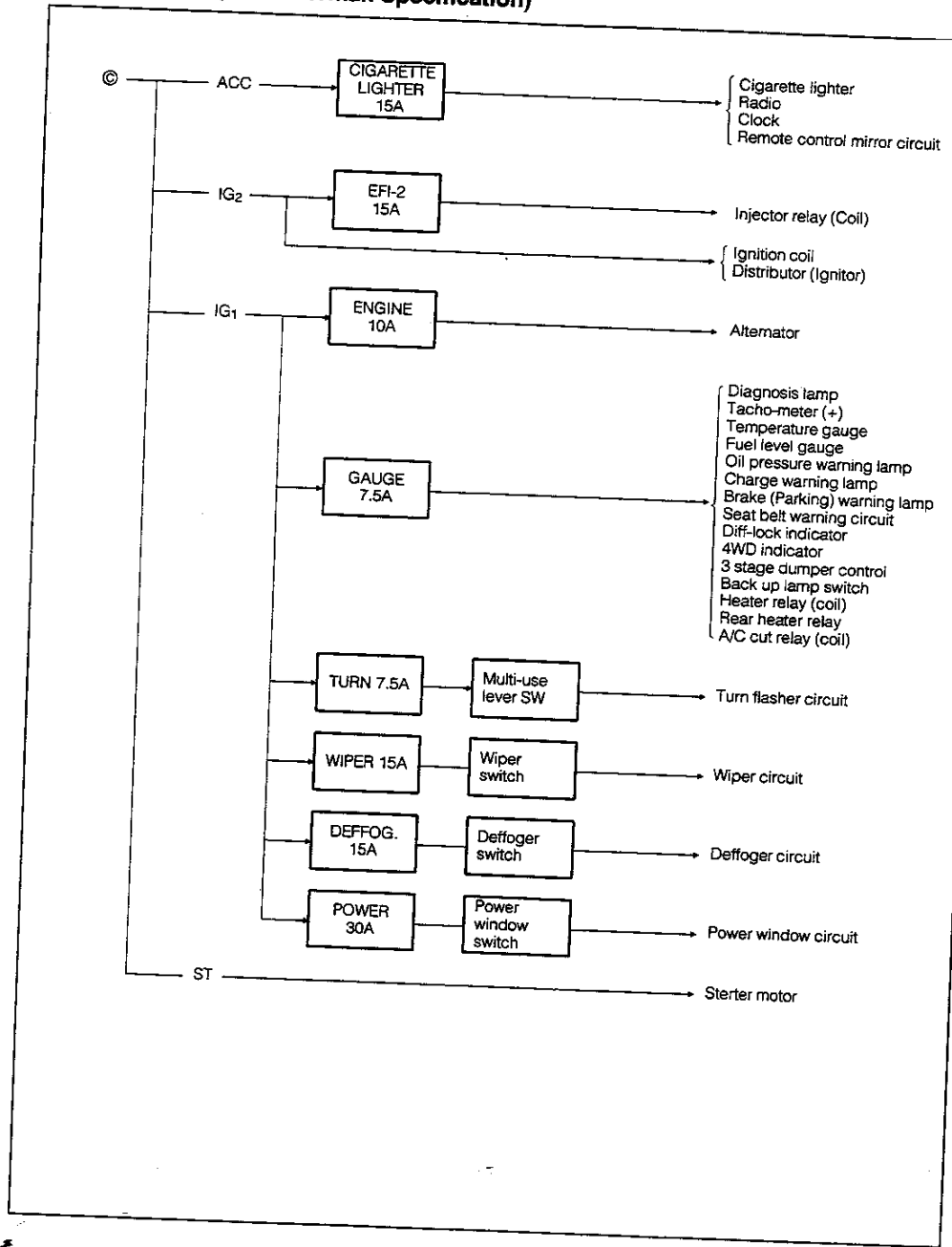
## HARNESS & WIRING DIAGRAM

### FUSE CIRCUIT (HD-E engine)



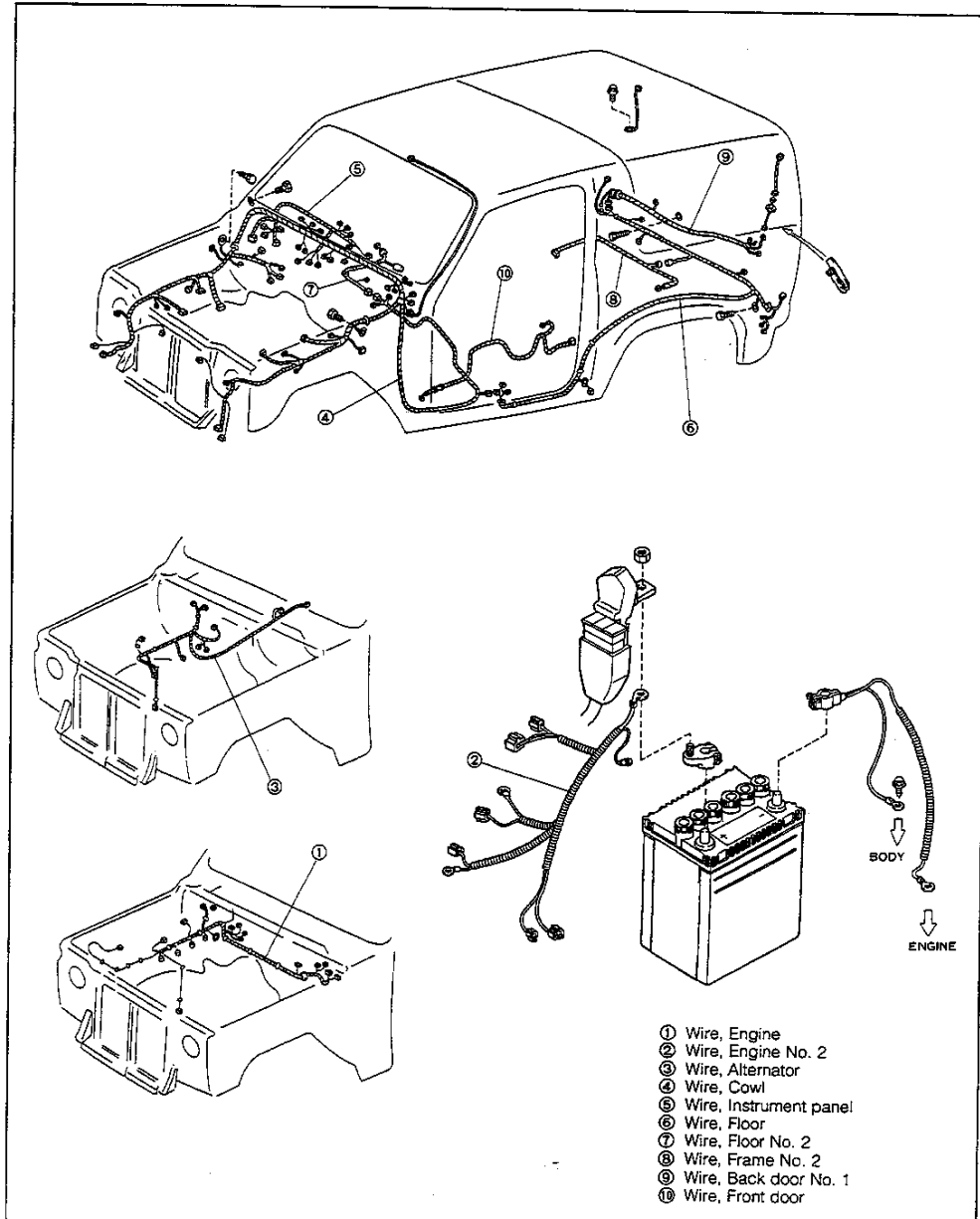
WFE90-HW031

FUSE CIRCUIT (HD-E/German Specification)



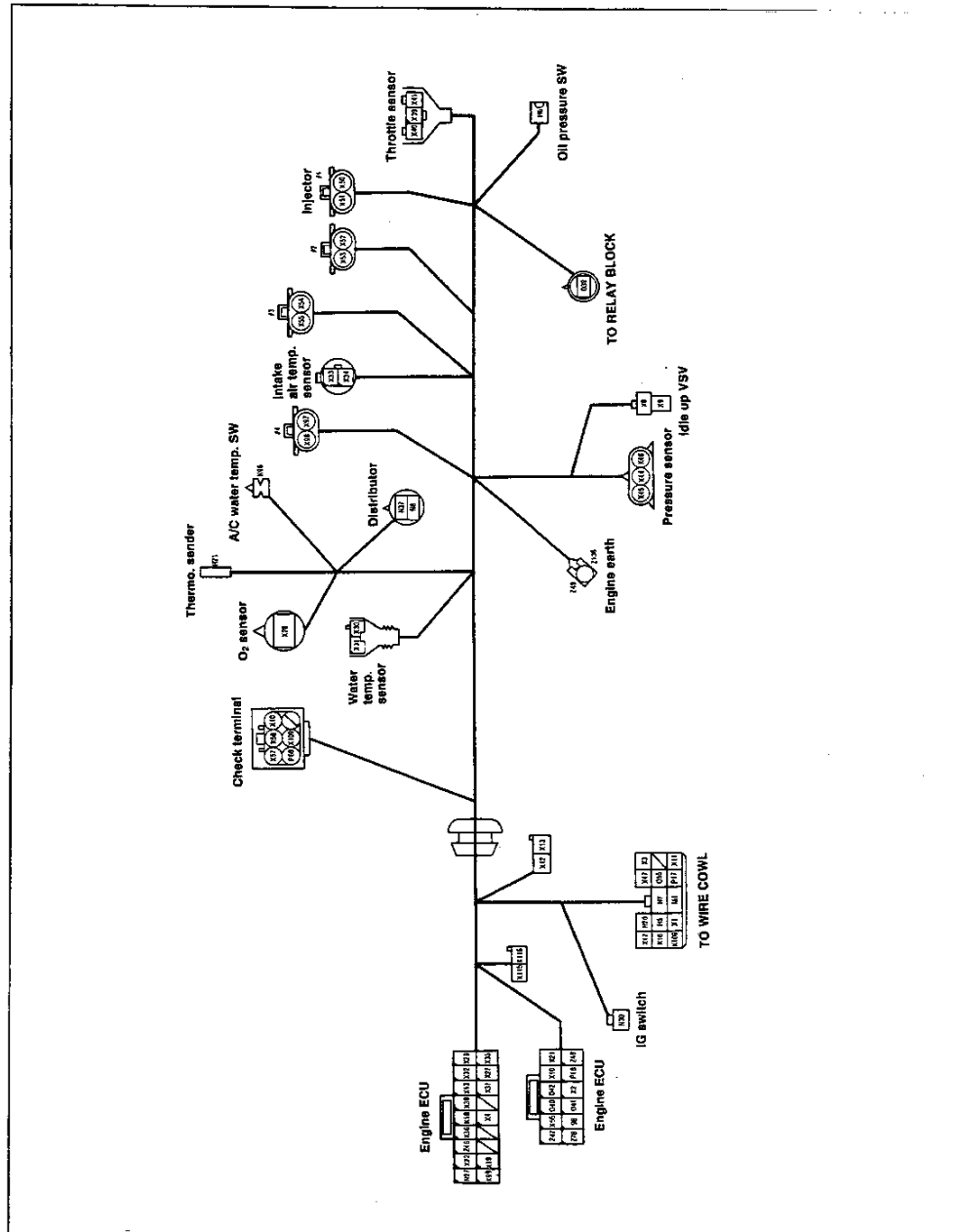
## HARNESS & WIRING DIAGRAM

### WIRING HARNESSSES SCHEMATIC DIAGRAM



WFE90-HW033

## WIRE, ENGINE (HD-E engine)

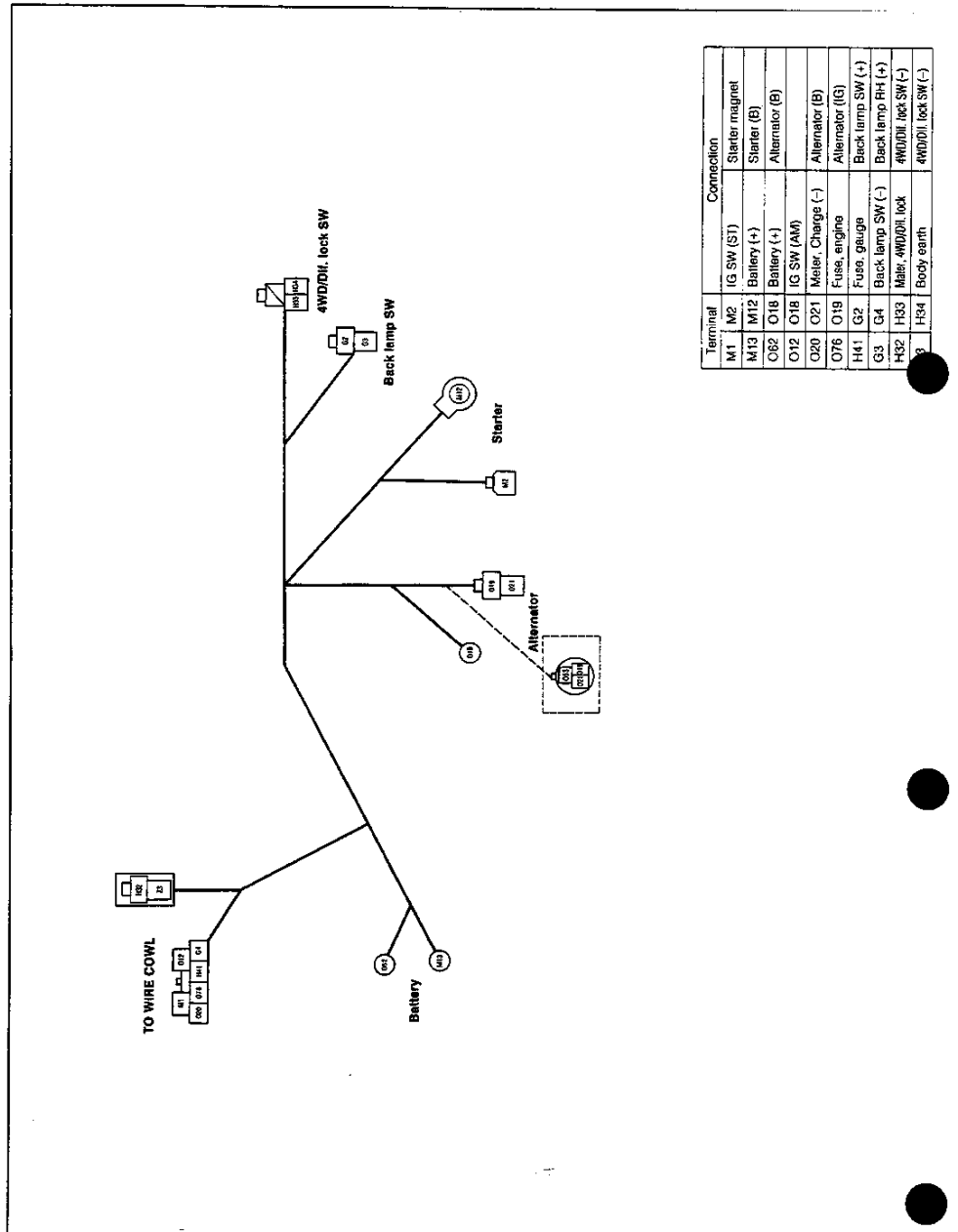


WFE90-HWC34

15M

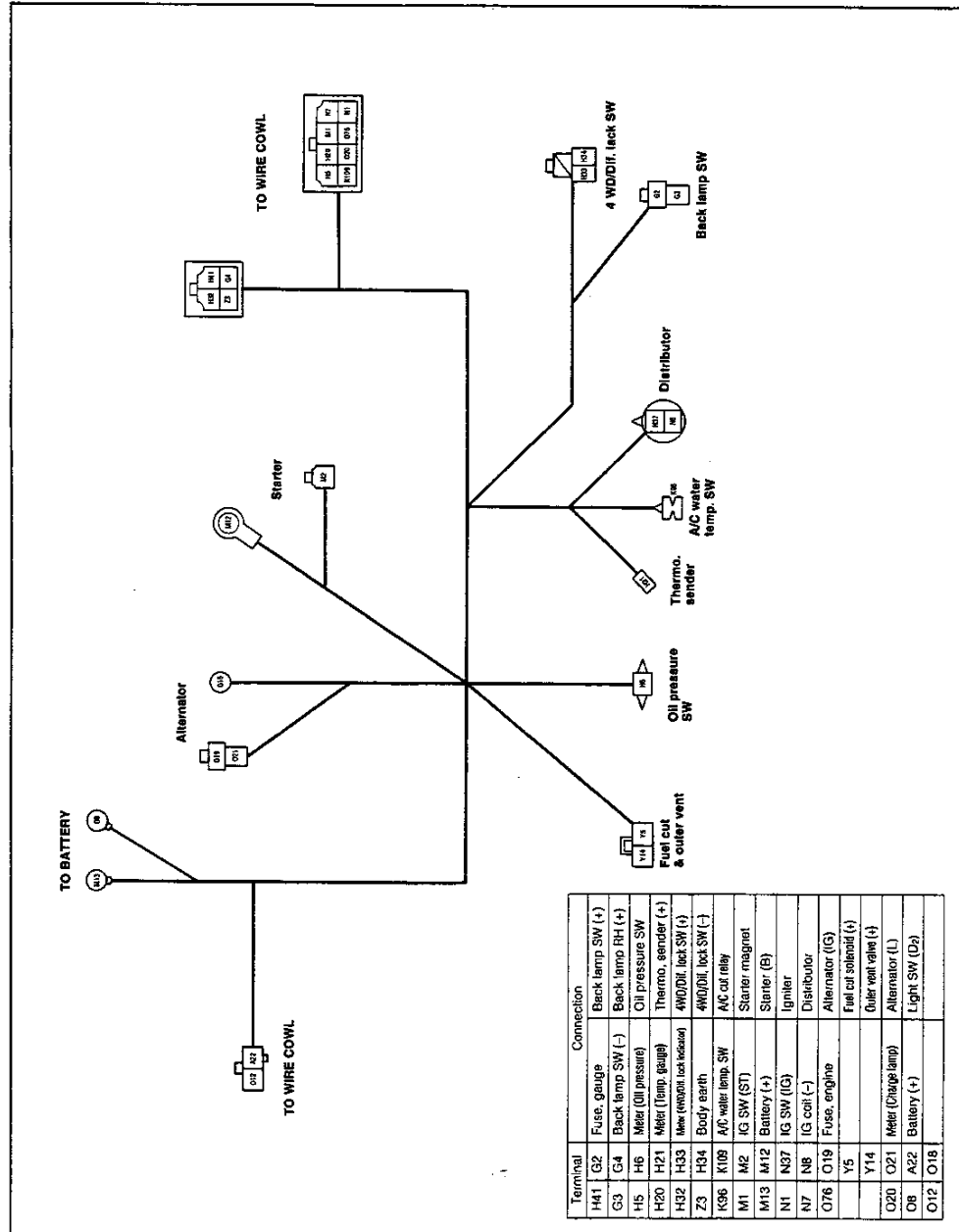
# HARNESS & WIRING DIAGRAM

## WIRE, ENGINE NO. 2 (HD-E engine)



# HARNESS & WIRING DIAGRAM

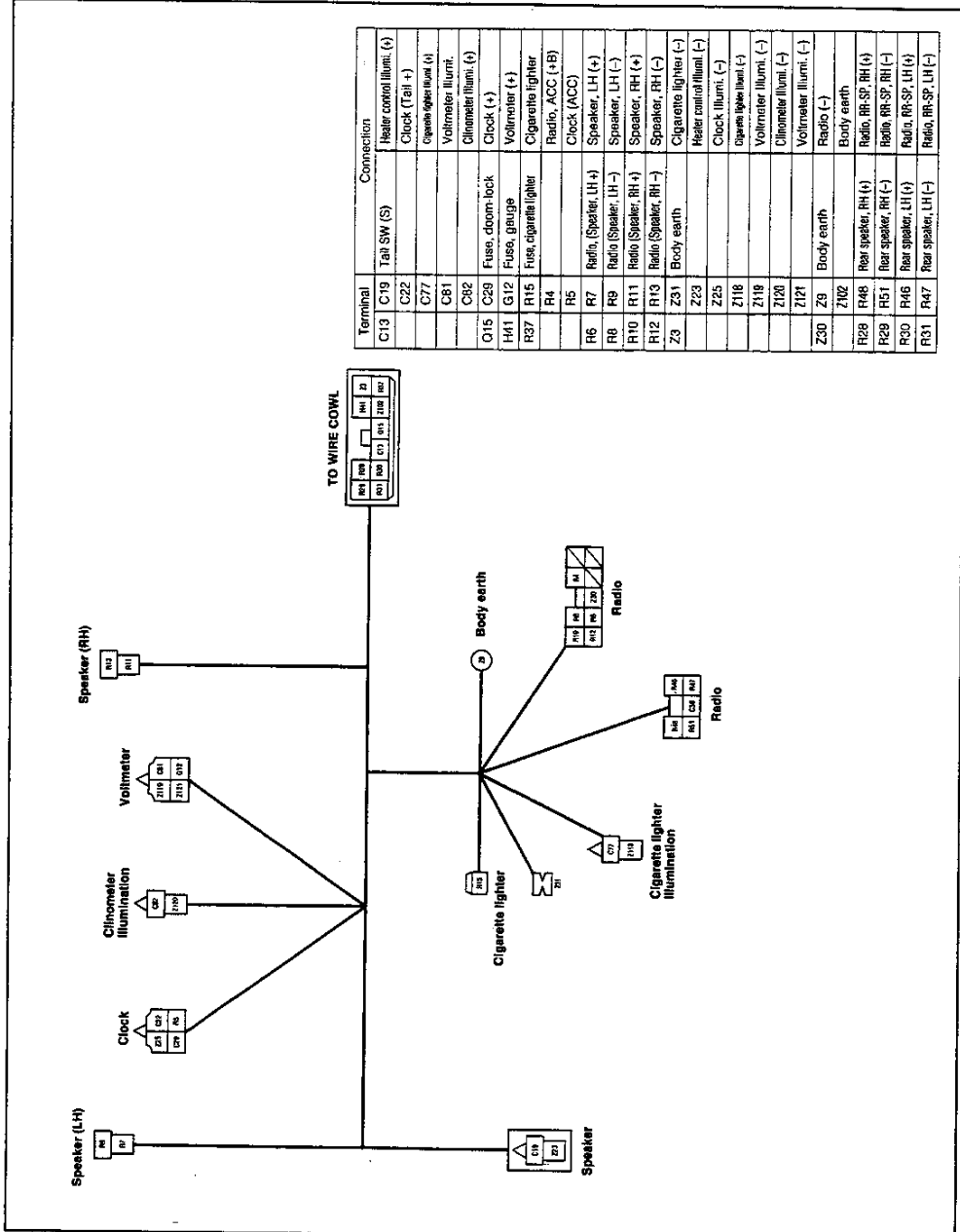
## WIRE, ALTERNATOR (HD-C engine)



WFE90-HW006

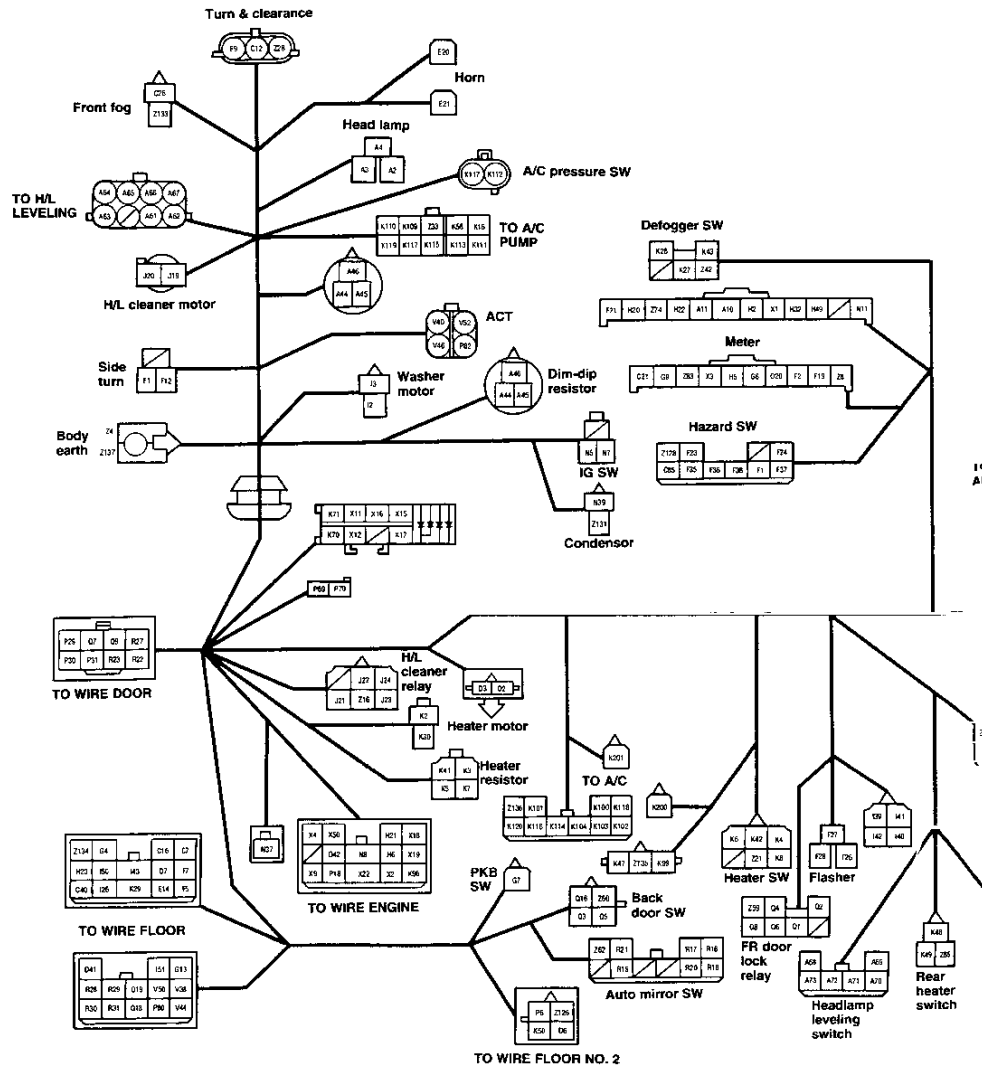
# HARNESS & WIRING DIAGRAM

## WIRE, INSTRUMENT PANEL (RHD)



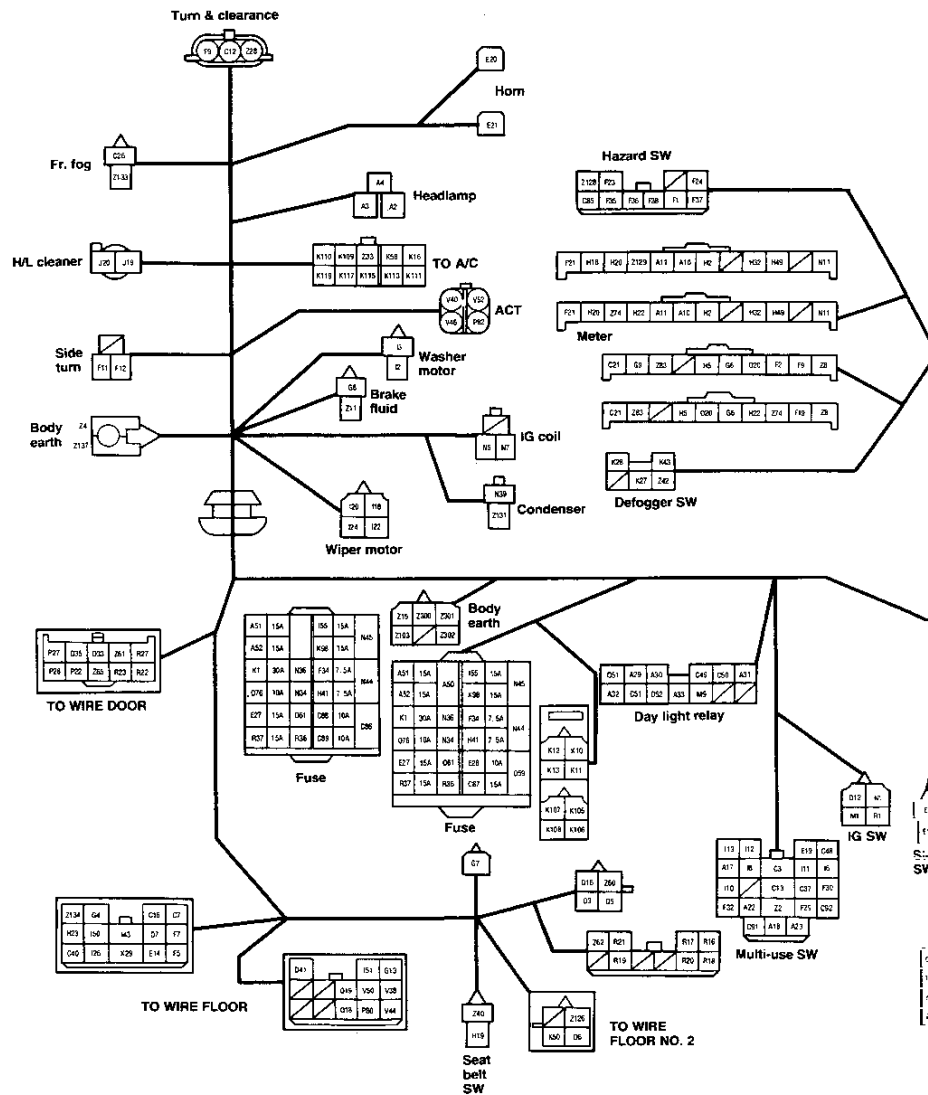


# WIRE, COWL (RHD)

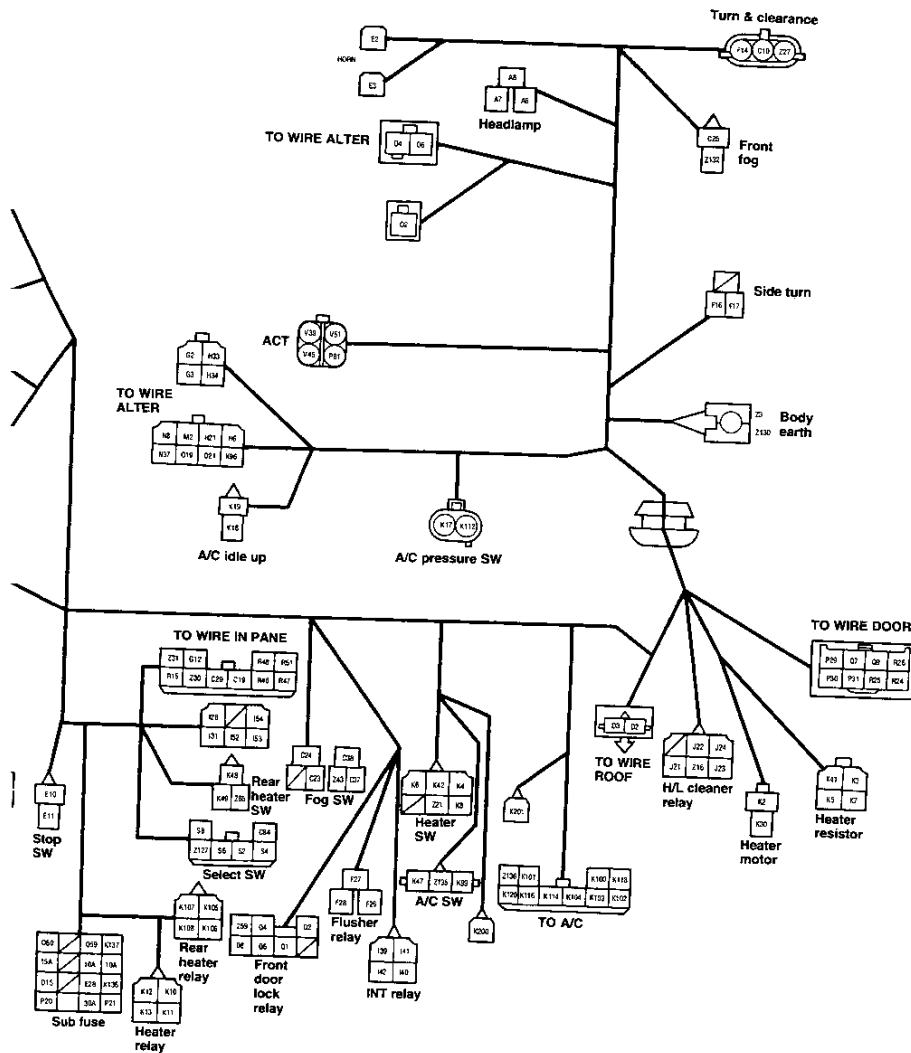


C

# WIRE, COWL (LHD)

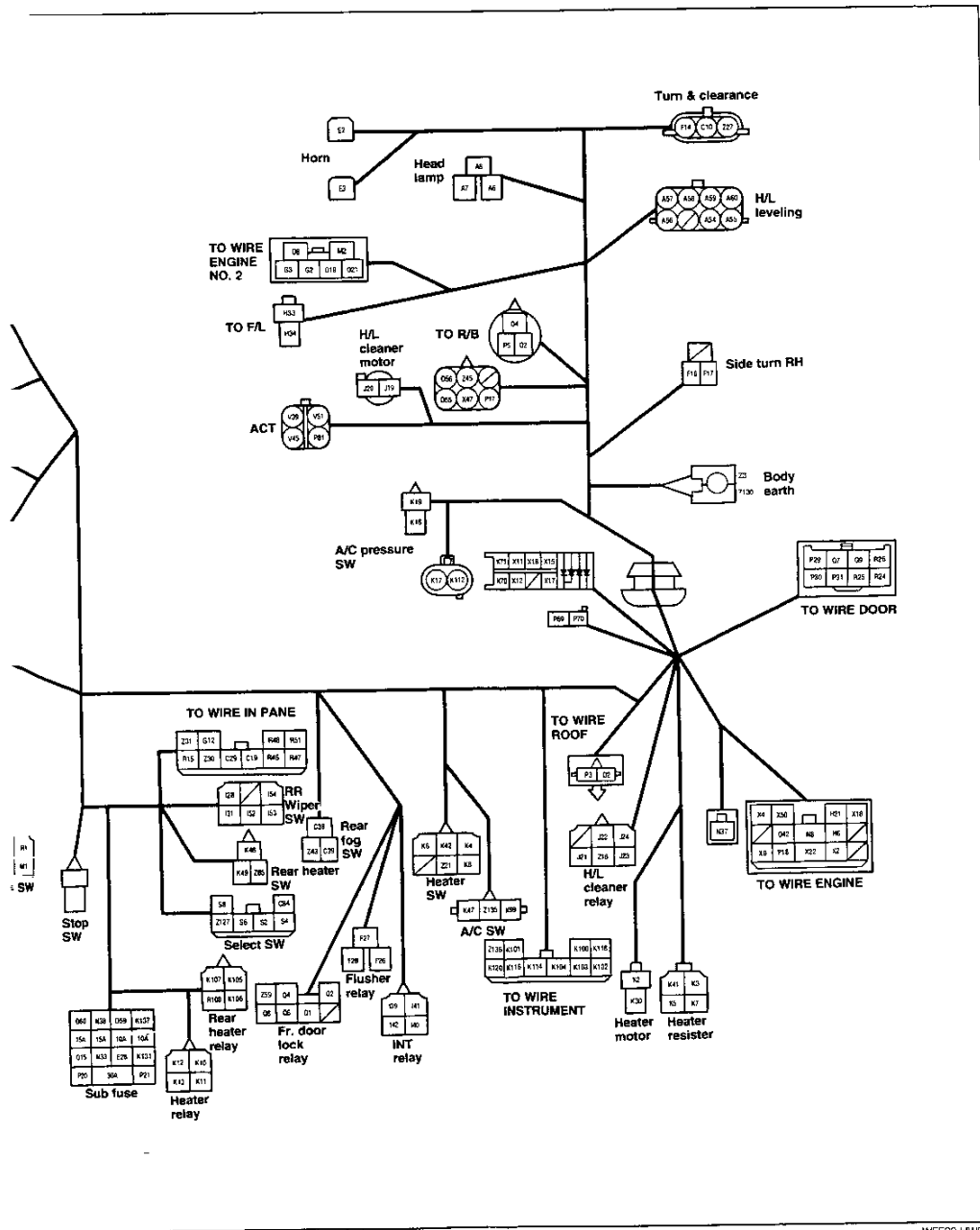


# HARNESS & WIRING DIAGRAM

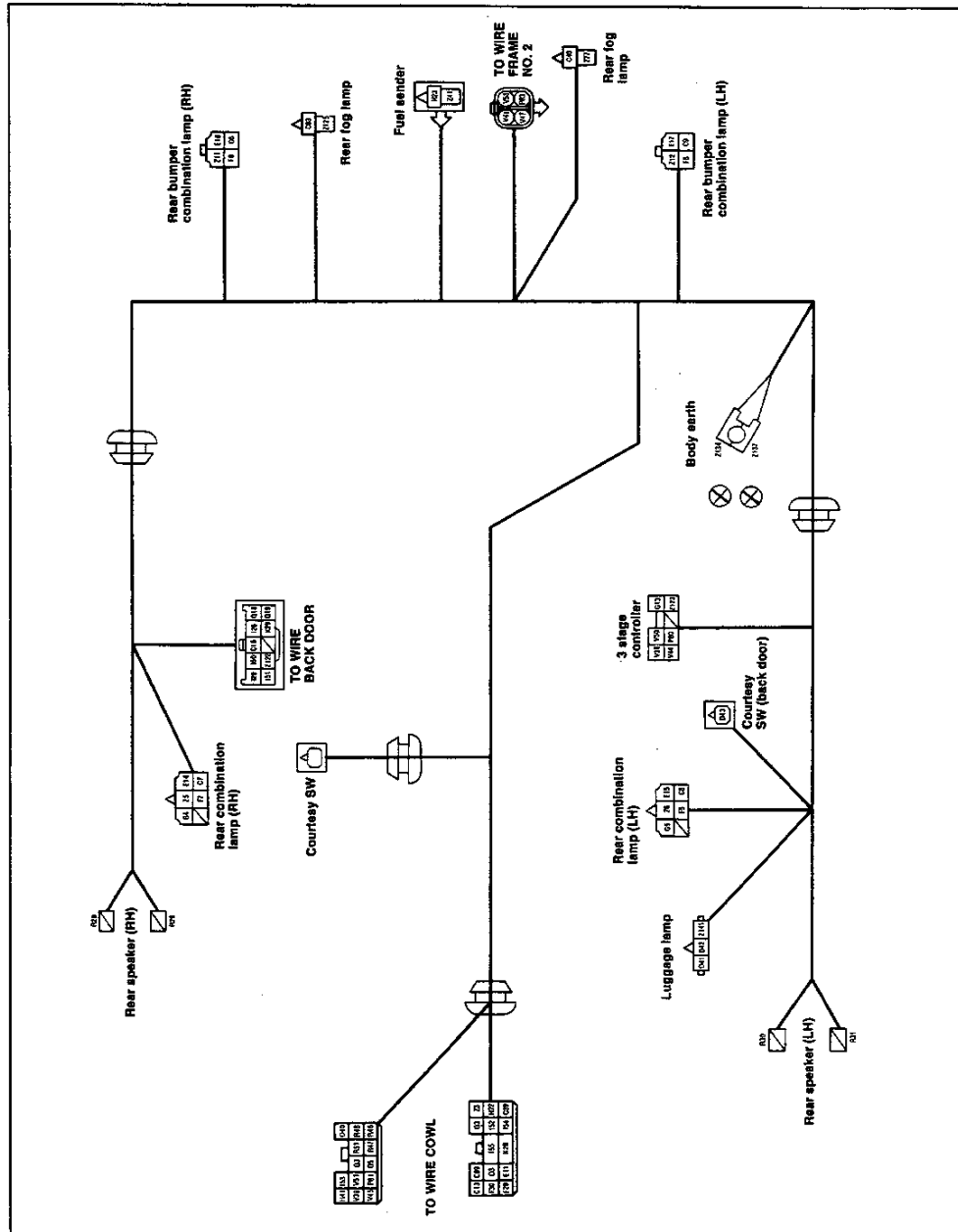




# HARNESS & WIRING DIAGRAM



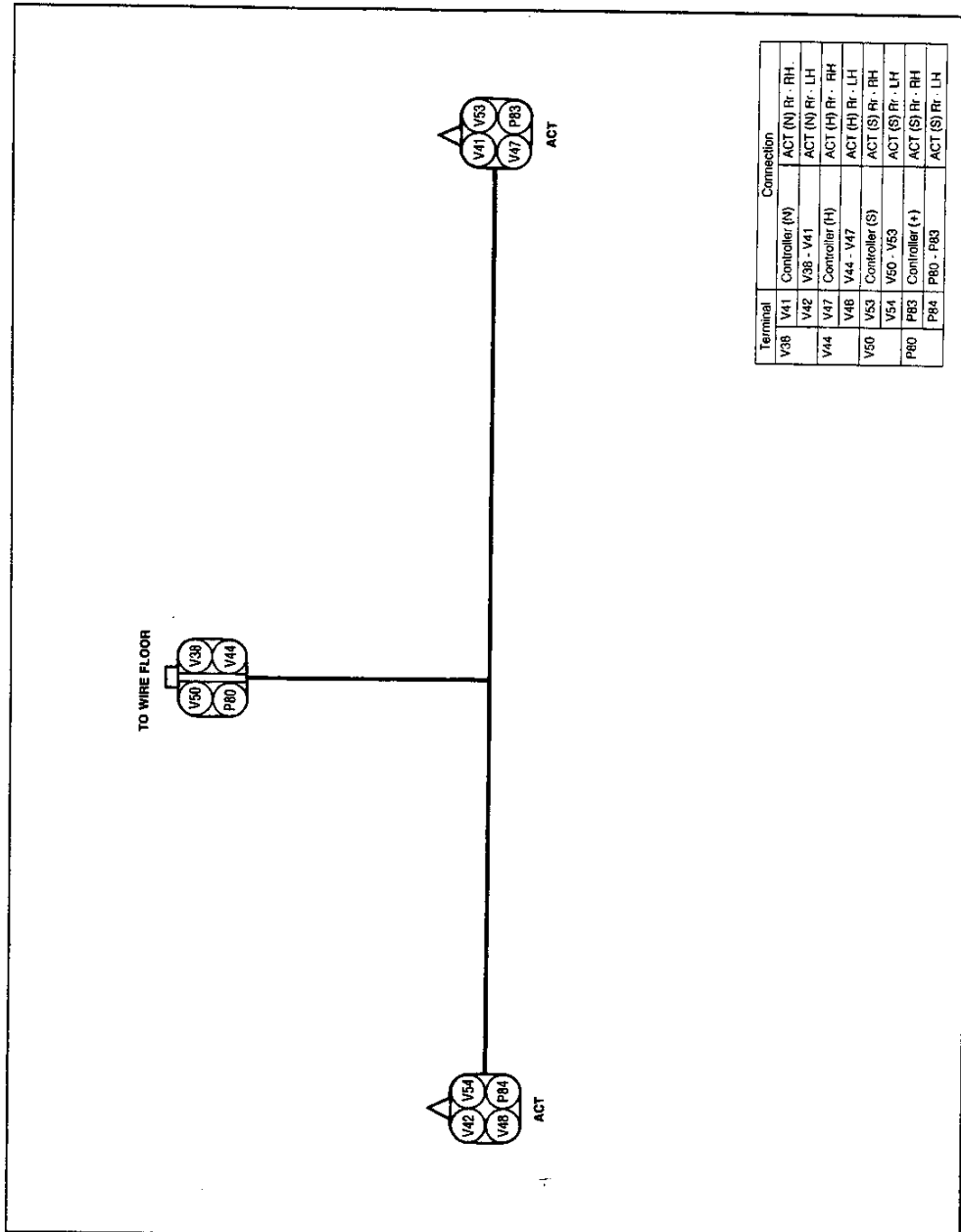
WFE90-HW040

**WIRE, FLOOR**

WFE90-HW042

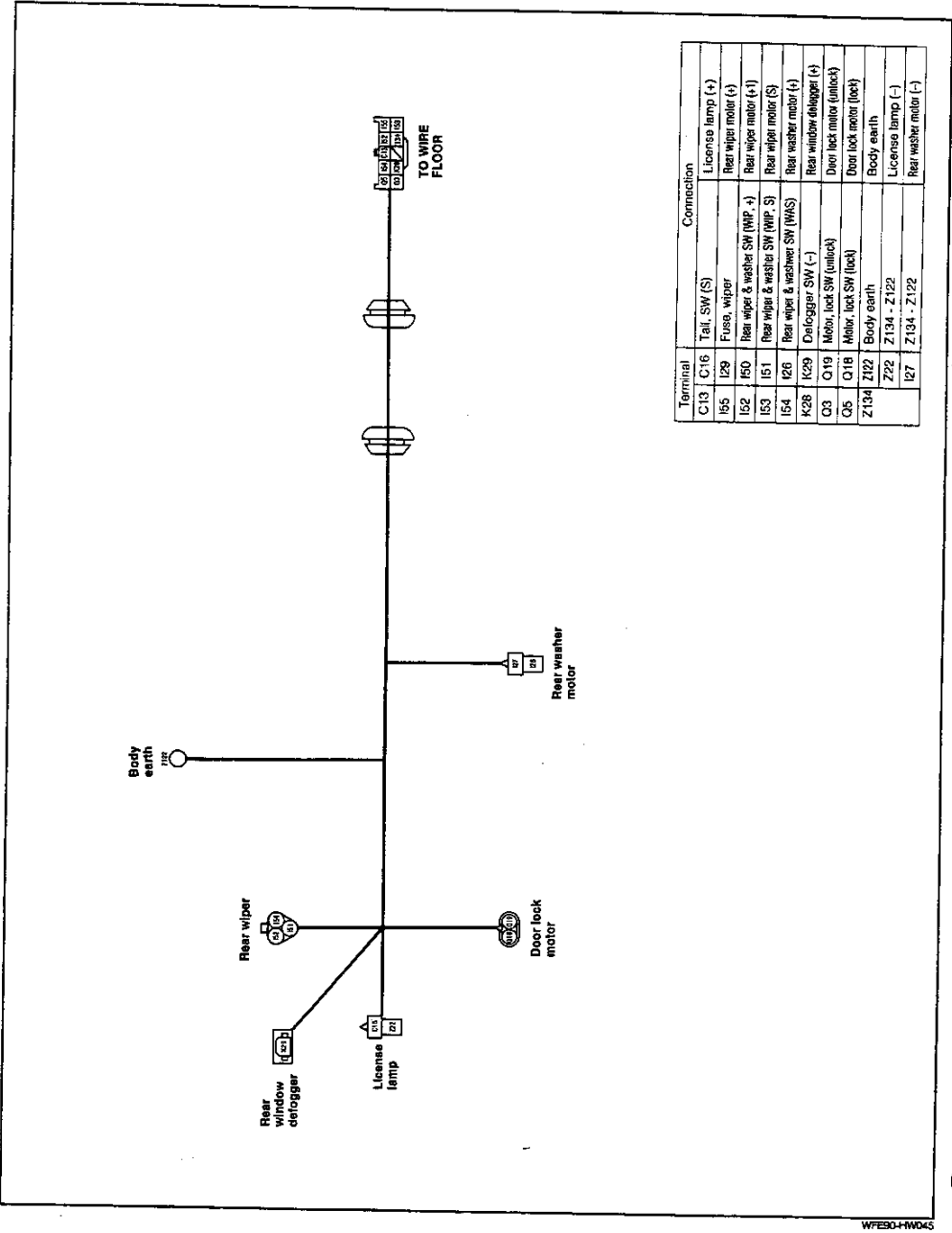
# HARNESS & WIRING DIAGRAM

WIRE, FRAME NO. 2 (For 3 stage dumper)



HARNESS & WIRING DIAGRAM

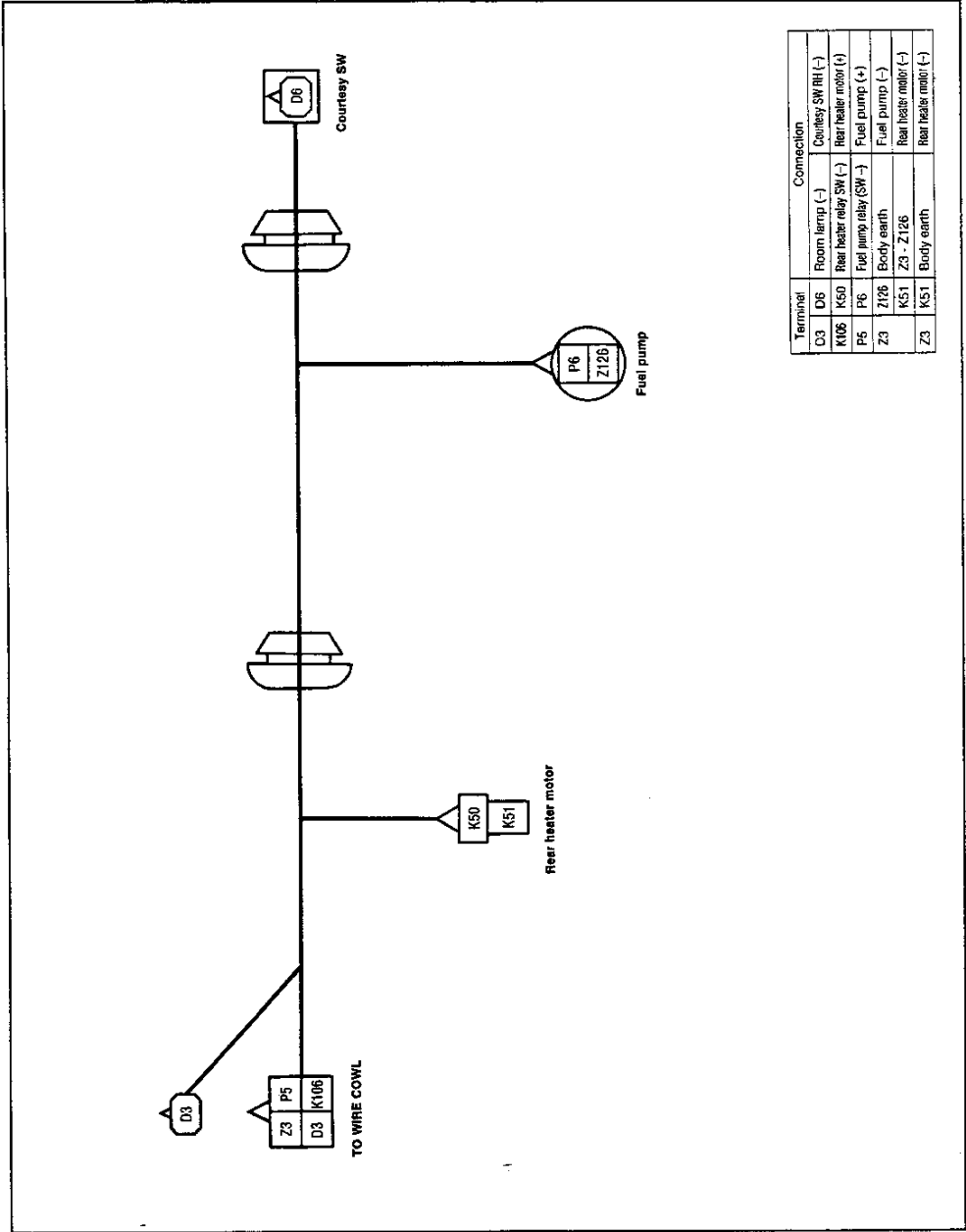
WIRE, BACK DOOR NO. 1



| Terminal | Tail SW (S) | Connection                      |
|----------|-------------|---------------------------------|
| C13      | C16         | License lamp (+)                |
| I55      | I29         | Rear wiper motor (+)            |
| I52      | F50         | Rear wiper & washer SW (WIP. +) |
| I53      | I51         | Rear wiper & washer SW (WIP. S) |
| I54      | I28         | Rear wiper motor (S)            |
| K28      | K29         | Rear washer motor (+)           |
| C3       | O19         | Defogger SW (-)                 |
| O5       | O18         | Door lock motor (unlock)        |
| Z134     | Z122        | Door lock motor (lock)          |
|          | Z22         | Body earth                      |
|          | Z134 - Z122 | License lamp (-)                |
| I27      | Z134 - Z122 | Rear washer motor (-)           |

HARNESS & WIRING DIAGRAM

WIRE, FLOOR NO. 2

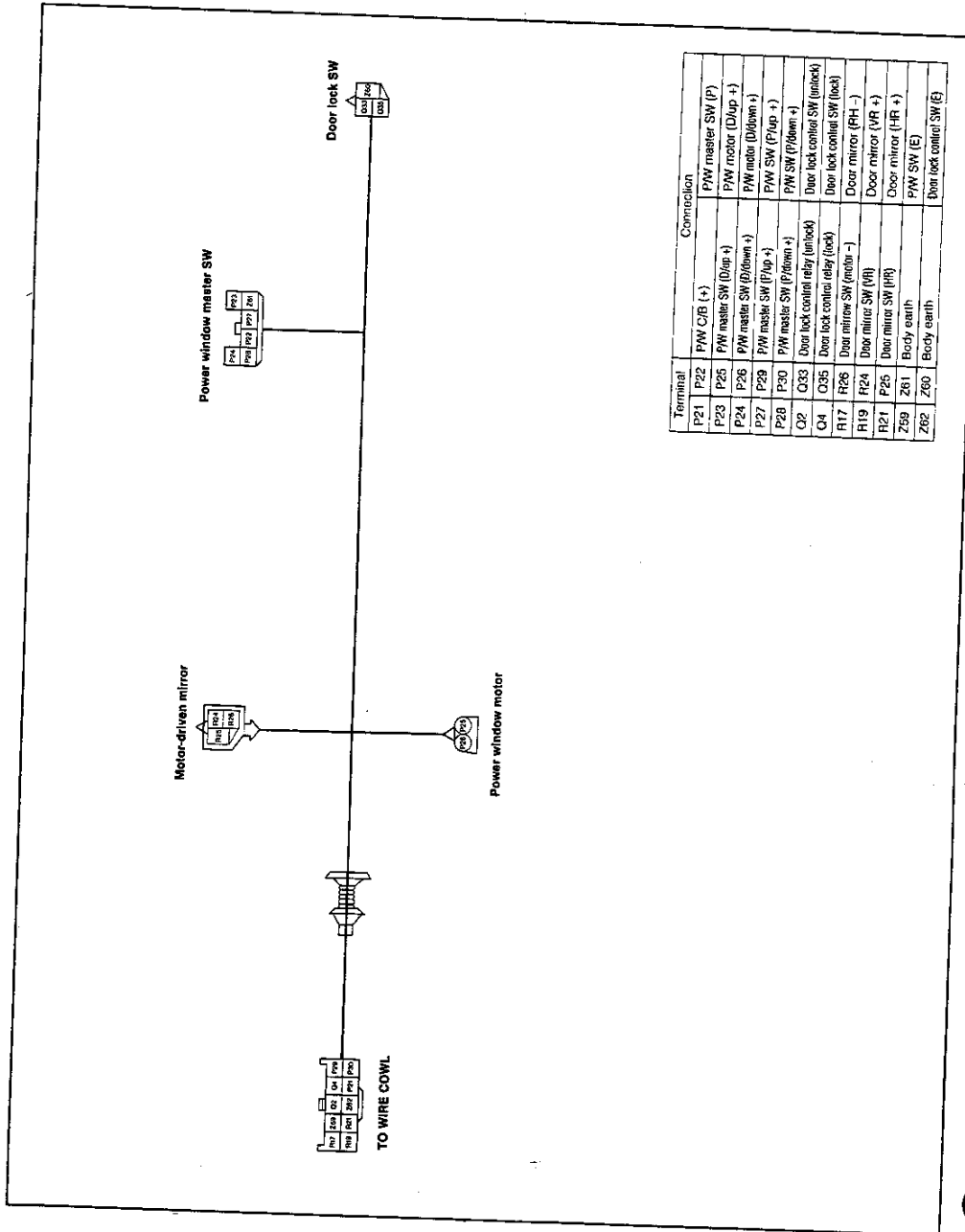


| Terminal  | Connection               |
|-----------|--------------------------|
| D3        | Room lamp (-)            |
| D6        | Courtesy SW RH (-)       |
| K106      | Rear heater relay SW (-) |
| P5        | Fuel pump relay (SW -)   |
| Z3        | Fuel pump (+)            |
| Z126      | Fuel pump (-)            |
| K51       | Body earth               |
| Z3 - Z126 | Rear heater motor (-)    |
| K51       | Body earth               |
| Z3        | Rear heater motor (-)    |

WFE90-HW043

# HARNESS & WIRING DIAGRAM

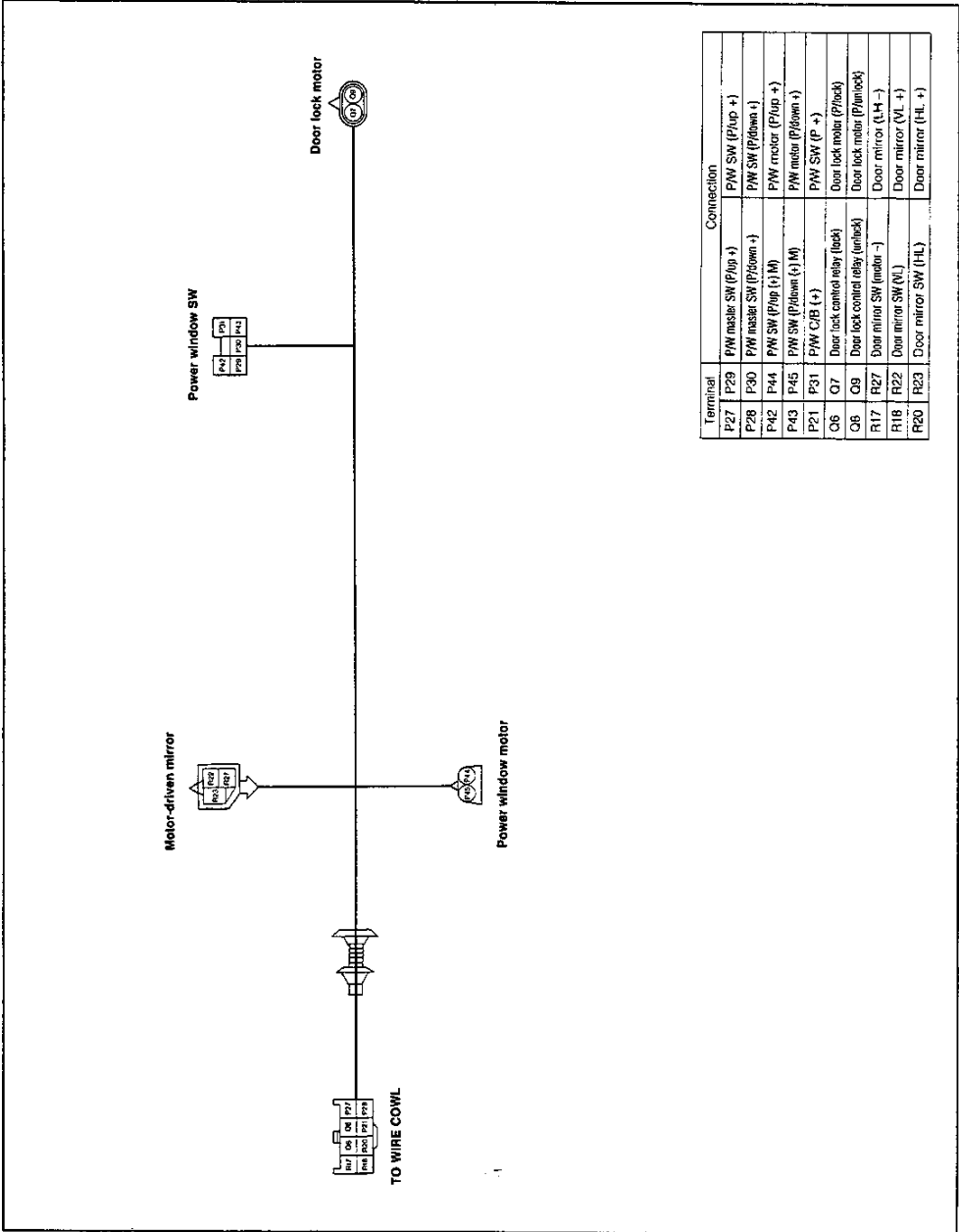
## WIRE, FRONT DOOR (RH)



| Terminal | Connection                       |
|----------|----------------------------------|
| P21      | P/W C/B (+)                      |
| P22      | P/W master SW (P)                |
| P23      | P/W master SW (D/up +)           |
| P24      | P/W master SW (D/down +)         |
| P25      | P/W master SW (P/up +)           |
| P26      | P/W master SW (P/down +)         |
| P27      | P/W master SW (P/up +)           |
| P28      | P/W master SW (P/down +)         |
| P29      | Door lock control relay (unlock) |
| P30      | Door lock control relay (lock)   |
| Q2       | Door lock control relay (unlock) |
| Q3       | Door lock control relay (lock)   |
| Q4       | Door mirror SW (RH)              |
| Q35      | Door mirror SW (RH)              |
| R17      | Door mirror SW (RH)              |
| R19      | Door mirror SW (RH)              |
| R21      | Door mirror SW (RH)              |
| P25      | Door mirror SW (RH)              |
| Z59      | Body earth                       |
| Z61      | Body earth                       |
| Z62      | Door lock control SW (E)         |

HARNESS & WIRING DIAGRAM

WIRE, FRONT DOOR (LH)



WFE50-HW046

# HARNESS & WIRING DIAGRAM

## WIRE, ENGINE

| Terminal |      | Connection               |                         |
|----------|------|--------------------------|-------------------------|
| H5       | H6   | Meter, oil pressure      | Oil pressure SW         |
| H20      | H21  | Meter, temp. gauge       | Thermo. sender (+)      |
| K16      | X19  | A/C magnet clutch        | ECU (A/C)               |
| K96      | K109 | Water temp. SW (A/C)     | A/C cut relay           |
| N37      | N30  | Igniter (+B)             | IG SW (IG2)             |
| N7       | N27  | IG coil (-)              | ECU (IG)                |
|          | N8   |                          | Distributor (-)         |
| O55      | O42  | Fuse, back-up (-)        | ECU (BATT)              |
| O39      | O40  | Relay box, EFI main (-)  | ECU (+E1)               |
|          | O41  |                          | ECU (+B2)               |
|          | X8   |                          | Idle up VSV (+)         |
| P17      | P18  | Fuel pump relay coil (-) | ECU (FC)                |
|          | P68  |                          | Check terminal (F/P)    |
| X1       | X2   | Meter, diag.             | ECU (W)                 |
|          | X109 |                          | Check terminal (W)      |
| X3       | X4   | Meter, read SW           | ECU (SPD)               |
| X9       | X12  | Idle up VSV (-)          | Diode                   |
|          | X11  |                          | Blower SW               |
| X17      | X18  | Diode (-)                | ECU (ELS)               |
| X20      | X21  | VF output                | ECU (VF)                |
| X13      | X10  | Diode                    | ECU (Visc)              |
| X29      | X30  | ECU (THW)                | Water temp. (+)         |
| X32      | X33  | ECU (THA)                | Intake temp. (+)        |
| X35      | X39  | ECU (E2)                 | Throttle sensor (E2)    |
|          | X31  |                          | Water temp. sensor (-)  |
|          | X34  |                          | Intake temp. sensor (-) |
| X99      | X44  | ECU (E21)                | Pressure sensor (E21)   |
| X36      | X40  | ECU (IDL)                | Throttle sensor (IDL)   |
| X37      | X41  | ECU (PSW)                | Throttle sensor (PSW)   |
| X38      | X46  | ECU (VCC)                | Pressure sensor (VCC)   |
| X43      | X45  | ECU (PIM)                | Pressure sensor (PIM)   |
| X47      | X50  | Injector relay (-)       | Injector #1 (+)         |
|          | X52  |                          | Injector #2 (+)         |
|          | X54  |                          | Injector #3 (+)         |
|          | X97  |                          | Injector #4 (+)         |

| Terminal |      | Connection   |                       |
|----------|------|--------------|-----------------------|
| X56      | X55  | ECU #10      | Injector #3 (-)       |
|          | X51  |              | Injector #1 (-)       |
|          | X53  |              | Injector #2 (-)       |
|          | X98  |              | Injector #4 (-)       |
|          | X96  |              | ECU #20               |
| X22      | X116 | ECU (STA)    | Diode                 |
| M1       | X115 | IG SW (ST)   | Diode                 |
| Z46      | X57  | ECU (T1)     | Check terminal (T1+)  |
| Z47      | Z49  | ECU (E01)    | Engine earth          |
| Z48      | Z138 | ECU (E1)     | Engine earth          |
|          | X58  |              | Check terminal (T1-)  |
|          | X85  |              | Sealed wire           |
|          | X88  |              | Sealed wire           |
| Z44      | Z76  | Engine earth | ECU (E02)             |
| X27      | X28  | ECU          | O <sub>2</sub> sensor |

WFE30-HW050

# HARNESS & WIRING DIAGRAM

## WIRE, COWL (RHD) — (1)

| Terminal | Connection                                 |
|----------|--------------------------------------------|
| O4       | A22 Fusible link Light SW (D2)             |
| A50      | A23 Fuse Headlamp Light SW (D1)            |
| A52      | A2 Fuse Headlamp (LH) Headlamp LH          |
| A51      | A6 Fuse Headlamp (RH) Headlamp RH          |
|          | A10 A51 - A6 Meter, high beam indicator    |
| A3       | A17 Headlamp LH (Hi) Dimmer SW (HM)        |
|          | A7 A3 - A19 Headlamp RH (Hi)               |
|          | A11 A3 - A17 Meter high beam indicator     |
| A4       | A18 Headlamp LH (Lo) Dimmer SW (Hs)        |
|          | A8 A8 - A18 Headlamp RH (Lo)               |
| A8       | A18 Headlamp RH (Lo) Dimmer SW (Hs)        |
|          | A40 A8 - A18 Dim-Dip relay (1)             |
|          | A44 A8 - A18 Dim-Dip resistor (RH)         |
| A4       | A41 Headlamp LH (Lo) Dim-Dip relay (5)     |
|          | A45 A4 - A41 Dim-Dip resistor (LH)         |
| A42      | A46 Dim-Dip relay (2) Dim-Dip resistor (-) |
|          | A39 A50 - A23 Dim-Dip relay (8)            |
|          | A43 A3 - A17 Dim-Dip relay (9)             |
| C87      | C3 Fuse, tail Side lamp SW (TB)            |
| C13      | C7 Side lamp SW (S) Tail lamp RH (+)       |
|          | C10 C13 - C7 Clearance lamp RH (+)         |
|          | C12 C13 - C7 Clearance lamp LH (+)         |
|          | C16 C13 - C7 License lamp (+)              |
|          | C19 C13 - C7 Heater illumin. (+)           |
|          | C21 C13 - C7 Meter illumin. (+)            |
|          | C29 Q15 - Q16 Clock (+)                    |
|          | C84 C13 - C7 Select SW illumin. (+)        |
|          | C85 C13 - C7 Hazard SW illumin. (+)        |
|          | C63 C13 - C7 Dim-Dip relay (6)             |
| C37      | C38 Light SW (RF) RR. fog lamp SW (+)      |
| C39      | C40 RR fog lamp SW (-) RR. fog lamp (+)    |
|          | C23 C13 - C7 FR. fog lamp SW (+)           |
| C24      | C25 FR fog lamp SW (-) FR. fog RH (+)      |
|          | C26 C24 - C25 FR. fog LH (+)               |
|          | D41 Q15 - Q16 Luggage lamp (+)             |
|          | D2 Q15 - Q16 Room lamp (+)                 |
| D3       | D7 Room lamp (-) Courtesy SW LH            |

| Terminal | Connection                               |
|----------|------------------------------------------|
| D3       | D6 D3 - D7 Courtesy SW RH                |
| E28      | E10 Fuse, stop Stop lamp SW (+)          |
| E11      | E14 Stop lamp SW (-) Stop lamp RH (+)    |
| E21      | E19 Horn LH (-) Horn SW (+)              |
|          | E3 E21 - E19 Horn RH (+)                 |
| E27      | F23 Fuse, horn Hazard SW (B2)            |
|          | E2 E27 - F23 Horn RH (+)                 |
|          | E20 E27 - F23 Horn LH (+)                |
| F1       | F2 Hazard SW (R) Meter, red hazard       |
| F34      | F24 Fuse, turn Hazard SW (B1)            |
| F26      | F38 Flusher relay (B) Hazard SW (F1)     |
| F27      | F35 Flusher relay (L) Hazard SW (TB)     |
|          | F32 F27 - F35 Turn SW (+)                |
| F29      | F9 Turn SW (L) FR. turn lamp LH (+)      |
|          | F5 F29 - F9 RR. turn lamp LH (+)         |
|          | F11 F29 - F9 Side turn lamp LH (+)       |
|          | F19 F29 - F9 Meter turn indicator, LH    |
|          | F37 F29 - F9 Hazard SW (TL)              |
| F30      | F14 Turn SW (R) FR. turn lamp RH (+)     |
|          | F7 F30 - F14 RR. turn lamp RH (+)        |
|          | F16 F30 - F14 Side turn lamp RH (+)      |
|          | F21 F30 - F14 Meter turn indicator RH    |
|          | F36 F30 - F14 Hazard SW (TR)             |
|          | F12 Z137 - Z28 Side turn lamp LH (-)     |
|          | F17 Z130 - Z27 Side turn lamp RH (-)     |
|          | F28 Z302 - Z126 Flusher relay (E)        |
| G3       | G4 Back lamp SW (-) Back lamp RH (+)     |
| G6       | G7 Meter, brake fluid Parking brake SW   |
|          | G8 G6 - G7 Brake fluid level SW          |
| G9       | G7 Meter, parking brake Parking brake SW |
|          | G12 H41 - H2 Volt meter (+)              |
|          | G13 H41 - H2 3 stage controller          |
| H41      | H2 Fuse, gauge Meter IG (+)              |
|          | G2 Back lamp SW (+)                      |
| H5       | H6 Meter, Oil pressure Oil pressure SW   |
| H20      | H21 Meter, temp. gauge Thermo. senda     |
| H22      | H23 Meter, fuel gauge Fuel senda         |

# HARNESS & WIRING DIAGRAM

## WIRE, COWL (RHD) — (2)

| Terminal |     | Connection            |                            |
|----------|-----|-----------------------|----------------------------|
| H32      | H33 | Meter, 4WD indicator  | 4WD/Dif. lock SW (+)       |
|          | H34 | Z130 - Z27            | 4WD/Dif. lock SW (-)       |
|          | H49 | H32 - H33             | Meter, dif. lock indicator |
| I55      | I10 | Fuse, wiper           | FR. wiper SW (+)           |
|          | I2  | I55 - I10             | FR. washer motor (+)       |
|          | I22 | I55 - I10             | FR. wiper motor (+)        |
|          | I42 | I55 - I10             | INT. relay (B)             |
| I3       | I6  | FR. washer motor (-)  | FR. washer SW (+)          |
| I8       | I41 | FR. wiper SW (INT)    | INT. relay (INT)           |
| I11      | I18 | FR. wiper SW (Lo)     | FR. wiper motor (Lo)       |
| I12      | I20 | FR. wiper SW (Hi)     | FR. wiper motor (Hi)       |
| I13      | I39 | FR. wiper SW (OFF)    | INT. relay (WS)            |
| I24      | I40 | FR. wiper motor (com) | INT. relay (WM)            |
|          | I28 | I55 - I10             | RR. washer SW (+)          |
| I28      | I31 | RR. washer SW (+)     | RR. wiper SW (+)           |
|          | I43 | I55 - I10             | RR. wiper motor (B)        |
| I52      | I50 | RR. wiper SW (Wip)    | RR. wiper motor (+1)       |
| I53      | I51 | RR. wiper SW (S)      | RR. wiper motor (S)        |
| I54      | I26 | RR. washer SW (-)     | RR. washer motor (+)       |
| K8       | K70 | Heater SW (L)         | Diode                      |
|          | J19 | O8 - O12              | H/L cleaner motor (+)      |
| J20      | J21 | H/L cleaner motor (-) | H/L cleaner relay (M)      |
|          | J22 | A51 - A6              | H/L cleaner relay (H/L)    |
|          | J23 | I55 - I10             | H/L cleaner relay (B)      |
|          | J24 | I3 - I6               | H/L cleaner relay (WM)     |
| K71      | K13 | Diode                 | Heater relay               |
| K98      | K27 | Fuse, defogger        | Defogger SW (+)            |
| K28      | K29 | Defogger SW (-)       | RR. defogger (+)           |
|          | K43 | C13 - C7              | Defogger SW illumin. (+)   |
| K1       | K10 | Fuse, heater          | Heater relay (+)           |
| K2       | K11 | Heater motor (+)      | Heater relay (-)           |
| K30      | K4  | Heater motor (-)      | Heater SW (M)              |
|          | K3  | K3 - K4               | Heater resistor (H)        |
| K41      | K42 | Heater resistor (H2)  | Heater SW (M2)             |
| K5       | K6  | Heater resistor (M1)  | Heater SW (M1)             |
|          | K7  | Z4 - Z300             | Heater resistor (L)        |
|          | K12 | H41 - H2              | Heater relay (coil +)      |

| Terminal |      | Connection           |                           |
|----------|------|----------------------|---------------------------|
| K8       | K13  | Heater SW (L)        | Heater relay (coil -)     |
| K48      | K108 | RR. heater SW (+)    | RR. heater relay (coil -) |
| K50      | K106 | RR. heater motor (+) | RR. heater relay (-)      |
|          | K40  | K50 - K106           | RR. heater SW (-)         |
|          | K105 | K1 - K10             | RR. heater relay (+)      |
|          | K107 | H41 - H2             | RR. heater relay (coil +) |
| O2       | K58  | Fusible link         | A/C relay (+)             |
| K2       | K137 | K2 - K11             | Fuse, A/C                 |
| K136     | K47  | Fuse, A/C            | A/C SW (+)                |
| K99      | K100 | A/C SW (-)           | A/C amp. (B)              |
|          | K11  | K99 - K100           | A/C sub. (G1)             |
|          | K101 | N7 - N8              | A/C amp. (C)              |
| K16      | K102 | A/C sub.             | A/C amp. (D)              |
| K18      | K103 | A/C idle up VSV      | A/C amp. (E)              |
| K19      | K104 | A/C idle up VSV      | A/C amp. (F)              |
|          | K17  | K19 - K104           | A/C pressure SW (1)       |
| K109     | K96  | A/C sub. (E1)        | A/C water temp. SW        |
|          | K110 | H41 - M2             | A/C sub. (F1)             |
| K112     | K113 | A/C pressure SW      | A/C sub. (H1)             |
| K114     | K115 | A/C amp. (M)         | A/C sub. (J1)             |
| K116     | K117 | A/C amp. (L)         | A/C sub. (K1)             |
| K118     | K119 | A/C amp. (Q)         | A/C sub. (L1)             |
| K120     | Z135 | A/C amp. (P)         | A/C SW (E)                |
| K200     | K201 | A/V volume           | A/C amp.                  |
| M1       | M2   | IG SW (ST)           | Starter magnet            |
| N1       | N34  | IG SW (IG)           | Fuse                      |
|          | N44  | N1 - N34             | Fuse, turn gauge          |
|          | N45  | N1 - N34             | Fuse, wiper defogger      |
|          | N5   | N1 - N34             | IG coil (IG +)            |
|          | N37  | N1 - N34             | Igniter (B)               |
|          | N39  | N1 - N34             | Condensor (+)             |
|          | N36  | O8 - O12             | Fuse heater               |
| N7       | N8   | IG coil (-)          | Distributor (+)           |
|          | N11  | N7 - N8              | Meter, IG (-)             |
| N30      | N5   | IG SW (IG2)          | IG coil (IG +)            |
|          | N37  | N30 - N5             | Ignitor (B)               |
|          | N38  | N30 - N5             | Fuse, EFI 2               |

## HARNESS & WIRING DIAGRAM

### WIRE, COWL (RHD) — (3)

| Terminal |      | Connection          |                         |
|----------|------|---------------------|-------------------------|
| N30      | N39  | N30 - N5            | Condensor (+)           |
| N33      | O56  | Fuse, EFI 2         | EFI relay               |
| O8       | O12  | Fusible link        | IG SW (AM)              |
| O8       |      | Fusible link        | O12                     |
|          | O12  | O8                  | IG SW (AM)              |
| O42      | O55  | ECU (BATT)          | Fuse, back up           |
|          | O59  | O8 - O12            | Fuse, tail-stop         |
|          | O60  | O8 - O12            | Fuse, lock-doom         |
|          | O61  | O4 - A22            | Fuse, Horn              |
| O19      | O76  | Alternator (IG)     | Fuse, engine            |
| O20      | O21  | Meter, CHG          | Alternator              |
|          | O57  | O19 - O76           | Dim-Dip relay (7)       |
|          | O58  | O4 - A22            | Dim-Dip relay (4)       |
| Z4       | Z131 | Body earth          | Condensor (E)           |
| P5       | P6   | Fuel pump relay (-) | Fuel pump (+)           |
| P17      | P69  | Fuel pump relay (-) | Diode                   |
| P18      | P70  | ECU (FC)            | Diode                   |
| Z4       | Z300 | Body earth          | Body earth              |
| Z302     | Z126 | Body earth          | Fuel pump (E)           |
| P80      | P81  | Controller (-)      | ACT, FR-RH motor (-)    |
|          | P82  | P80 - P81           | ACT, FR-LH motor (-)    |
| Q15      | Q16  | Fuse, doom-lock     | Lock SW (B)             |
| Q5       | Q18  | Lock SW (lock)      | Lock motor (lock)       |
| Q3       | Q19  | Lock SW (unlock)    | Lock motor (unlock)     |
| R1       | R36  | IG SW (ACC)         | Fuse, cigarette lighter |
| R15      | R37  | Cigarette lighter   | Fuse, cigarette lighter |
|          | S8   | Z4 - Z300           | Select SW (-)           |
|          | S2   | V38 - V39           | Select SW (N)           |
|          | S4   | V44 - V45           | Select SW (N)           |
|          | S6   | V50 - V51           | Select SW (S)           |
| V38      | V39  | Controller (N)      | ACT SW (N), FR. RH      |
|          | V40  | V38 - V39           | ACT SW (N), FR. LH      |
| V44      | V45  | Controller (N)      | ACT SW (H), FR. RH      |
|          | V46  | V44 - V45           | ACT SW (H), FR. LH      |
| V50      | V51  | Controller (S)      | ACT SW (S), FR. RH      |
|          | V52  | V50 - V51           | ACT SW (S), FR. LH      |
| X1       | X2   | Meter, diagnosis    | ECU (W)                 |

| Terminal |      | Connection     |                        |
|----------|------|----------------|------------------------|
| X3       | X4   | Meter, read SW | ECU (SPD)              |
| X9       | X11  | Idle up VSV    | Diode                  |
|          | X12  | K8 - K70       | Diode                  |
|          | X15  | K28 - K29      | Diode                  |
|          | X16  | A52 - A2       | Diode                  |
| X17      | X18  | Diode          | ECU (ELS)              |
|          | X19  | K16 - K102     | ECU (A/C)              |
|          | X22  | M1 - M2        | ECU (STA)              |
| X47      | X50  | Injector relay | Injector #1            |
| Z3       | Z301 | Body earth     | Body earth             |
|          | Z4   | Body earth     | Body earth             |
| Z130     | Z27  | Body earth     | Clearance RH (E)       |
| Z137     | Z126 | Body earth     | Fuel pump (E)          |
|          | Z2   | Z3 - Z301      | Dimmer SW (E)          |
|          | Z11  | Z130 - Z27     | Oil level SW (E)       |
|          | Z16  | Z4 - Z300      | H/L cleaner relay (E)  |
|          | Z21  | Z4 - Z300      | Heater SW (E)          |
| Z14      | Z8   | Body earth     | Meter earth            |
| Z102     | Z30  | Body earth     | Radio (E)              |
| Z137     | Z28  | Body earth     | Clearance LH (E)       |
|          | Z131 | Body earth     | Condensor (E)          |
|          | Z31  | Z4 - Z300      | Cigarette lighter (E)  |
|          | Z33  | Z132 - Z28     | A/C sub. (E)           |
|          | Z42  | Z302 - Z126    | Defogger SW (E)        |
|          | Z43  | Z130 - Z21     | RR. fog. SW (E)        |
|          | Z45  | Z130 - Z27     | Relay box (E)          |
|          | Z60  | Z302 - Z126    | Lock SW (E)            |
| Z102     | Z74  | Body earth     | Meter gauge (E)        |
| Z14      | Z83  | Body earth     | Meter speed sensor (E) |
|          | Z80  | Z130 - Z21     | Dim-Dip relay (E)      |
|          | Z85  | Z4 - Z300      | RR. heater SW (E)      |
|          | Z127 | Z4 - Z300      | Select SW illumin. (E) |
|          | Z128 | Z302 - Z126    | Hazard SW illumin. (E) |
|          | Z132 | Z130 - Z27     | FR. fog RH (-)         |
| Z14      | Z133 | Z137 - Z28     | FR. fog. LH (-)        |
|          | Z134 | Z302 - Z126    | RR. body earth         |
|          | Z136 | Z302 - Z126    | A/C amp. (E)           |

## HARNESS & WIRING DIAGRAM

### WIRE, COWL (RHD) — (4)

| Terminal | Connection |                          |                       |
|----------|------------|--------------------------|-----------------------|
| Z130     | Z21        | Body earth               | Heater SW             |
|          | A61        | A52 - A2                 | H/L leveling LH (+)   |
|          | A54        | A51 - A6                 | H/L leveling RH (+)   |
| A56      | A63        | H/L leveling RH (0)      | H/L leveling LH (0)   |
|          | A69        | A56 - A63                | H/L leveling SW (0)   |
| A57      | A64        | H/L leveling RH (1)      | H/L leveling LH (1)   |
|          | A70        | A59 - A64                | H/L leveling SW (1)   |
| A58      | A65        | H/L leveling RH (2)      | H/L leveling LH (2)   |
|          | A71        | A58 - A65                | H/L leveling SW (2)   |
| A59      | A66        | H/L leveling RH (3)      | H/L leveling LH (3)   |
|          | A72        | A59 - A66                | H/L leveling SW (3)   |
| A60      | A67        | H/L leveling RH (4)      | H/L leveling LH (4)   |
|          | A73        | A60 - A67                | H/L leveling SW (4)   |
|          | A55        | Z130 - Z27               | H/L leveling RH (E)   |
|          | A62        | Z137 - Z28               | H/L leveling LH (E)   |
|          | A68        | Z3 - Z4                  | H/L leveling SW (E)   |
|          | P20        | N1 - N34                 | Power window C/B (+)  |
| P21      | P22        | Power window C/B (-)     | P/W master SW (+)     |
|          | P31        | P21 - P22                | P/W passenger (+)     |
| P27      | P29        | P/W master SW (P) up     | P/W SW (P) up         |
| P28      | P30        | P/W master SW (P) down   | P/W SW (P) down       |
| Q2       | Q33        | Door lock relay (unlock) | Door lock SW (unlock) |
| Q4       | Q35        | Door lock relay (lock)   | Door lock SW (lock)   |
| Q6       | Q7         | Door lock relay (lock)   | Motor (lock)          |
| Q8       | Q9         | Door lock relay (unlock) | Motor (unlock)        |
|          | Q1         | Q8                       | Door lock relay (+)   |
| R18      | R22        | Door mirror SW (VL)      | Door mirror (VL +)    |
| R19      | R24        | Door mirror SW (VR)      | Door mirror (VR +)    |
| R20      | R23        | Door mirror SW (HL)      | Door mirror (HL +)    |
| R21      | R25        | Door mirror SW (HR)      | Door mirror (HR +)    |
| R17      | R27        | Door mirror SW (M)       | Door mirror (LH -)    |
|          | R26        | R17 - R27                | Door mirror (RH -)    |
|          | R16        | R15 - R37                | Door mirror SW (+)    |
|          | Z59        | Z302 - Z126              | Door lock relay (E)   |
|          | Z61        | Z3 - Z301                | P/W SW (E)            |
|          | Z62        | Z302 - Z126              | Door mirror SW (E)    |
|          | Z65        | Z3 - Z301                | Door lock SW (E)      |

| Terminal | Connection |                     |                  |
|----------|------------|---------------------|------------------|
| R28      | R48        | Rear speaker RH (+) | Radio (SP. RH +) |
| R29      | R51        | Rear speaker RH (-) | Radio (SP. RH -) |
| R30      | R46        | Rear speaker LH (+) | Radio (SP. RH +) |
| R30      | R47        | Rear speaker LH (-) | Radio (SP. RH -) |

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## HARNESS & WIRING DIAGRAM

### WIRE, COWL (LHD) — (1)

| Terminal |     | Connection        |                                |
|----------|-----|-------------------|--------------------------------|
| O4       | A22 | Fusible link      | Light SW (D2)                  |
| A50      | A23 | Fuse, headlamp    | Light SW (D1)                  |
| A52      | A2  | Fuse, headlamp LH | Headlamp LH (B)                |
| A51      | A6  | Fuse, headlamp RH | Headlamp RH (B)                |
|          | A10 | A51 - A6          | Meter, high beam indicator (+) |
| A3       | A17 | Headlamp LH (Hi)  | Dimmer SW (HM)                 |
|          | A7  | A3 - A17          | Headlamp RH (Hi)               |
|          | A11 | A3 - A17          | Meter, high beam indicator (-) |
| A4       | A18 | Headlamp LH (Lo)  | Dimmer SW (Hs)                 |
|          | A8  | A4 - A18          | Headlamp RH (Lo)               |
|          | A29 | O4 - A22          | Day light relay (2)            |
|          | A30 | A50 - A23         | Day light relay (3)            |
|          | A31 | A4 - A18          | Day light relay (6)            |
|          | A32 | Z3 - Z301         | Day light relay (7)            |
|          | A33 | A3 - A17          | Day light relay (10)           |
| C87      | C3  | Fuse, tail        | Side light SW (TB)             |
| C13      | C7  | Side lamp SW (S)  | Tail lamp RH (+)               |
|          | C10 | C13 - C7          | Clearance lamp RH (+)          |
|          | C12 | C13 - C7          | Clearance lamp LH (+)          |
|          | C16 | C13 - C7          | License lamp (+)               |
|          | C19 | C13 - C7          | Heater illumi. (+)             |
|          | C21 | C13 - C7          | Meter illumi. (+)              |
|          | C29 | Q15 - Q16         | Clock (+)                      |
|          | C84 | C13 - C7          | Select SW illumi. (+)          |
|          | C85 | C13 - C7          | Hazard SW illumi. (+)          |
| C37      | C38 | Light SW (RF)     | RR. fog SW (+)                 |
| C39      | C40 | RR. fog SW (-)    | RR. fog lamp (+)               |
|          | C23 | C13 - C7          | FR. fog SW (+)                 |
| C24      | C25 | FR. fog SW (-)    | FR. fog lamp RH (+)            |
|          | C26 | C24 - C25         | FR. fog lamp LH (+)            |
|          | C49 | C87 - C3          | Day light relay (4)            |
| C92      | C50 | Tail SW           | Day light relay (5)            |
| C91      | C51 | Tail SW           | Day light relay (8)            |
|          | C3  | O8 - O12          | Side lamp SW (TB)              |
| C13      | C86 | Side lamp SW (S)  | Fuse, tail                     |
| C88      | C10 | Fuse, tail RH     | Clearance lamp RH (+)          |
|          | C7  | C88 - C10         | Tail lamp RH (+)               |

| Terminal |     | Connection        |                             |
|----------|-----|-------------------|-----------------------------|
| C88      | C19 | C88 - C10         | Heater illumi. (+)          |
|          | C21 | C88 - C10         | Meter illumi. (+)           |
|          | C84 | C88 - C10         | Select SW illumi. (+)       |
|          | C85 | C88 - C10         | Hazard SW illumi. (+)       |
| C89      | C12 | Fuse, tail LH     | Clearance lamp LH (+)       |
|          | C16 | C89 - C12         | License lamp (+)            |
|          | C48 | C89 - C12         | Light SW (DM)               |
|          | D2  | Q15 - Q16         | Room lamp (+)               |
| D3       | D7  | Room lamp (-)     | Courtesy SW LH              |
|          | D6  | D3 - D7           | Courtesy SW RH              |
|          | D41 | Q15 - Q16         | Luggage lamp (+)            |
| E28      | E10 | Fuse, stop        | Stop lamp SW (+)            |
| E11      | E14 | Stop lamp SW (-)  | Stop lamp RH (+)            |
| E21      | E19 | Horn LH (-)       | Horn SW (+)                 |
|          | E3  | E21 - E19         | Horn RH (-)                 |
| E27      | F23 | Fuse, horn        | Hazard SW (B2)              |
|          | E2  | E27 - F23         | Horn RH (+)                 |
|          | E20 | E27 - F23         | Horn LH (+)                 |
| F1       | F2  | Hazard SW (R)     | Red hazard lamp (+)         |
| F34      | F24 | Fuse, turn        | Hazard SW                   |
| F26      | F38 | Flusher relay (B) | Hazard SW (F1)              |
| F27      | F35 | Flusher relay (L) | Hazard SW (TB)              |
|          | F32 | E27 - F35         | Turn SW (+)                 |
| F29      | F9  | Turn SW (L)       | FR. turn lamp LH (+)        |
|          | F5  | F29 - F9          | RR. turn lamp LH (+)        |
|          | F11 | F29 - F9          | Side turn lamp LH (+)       |
|          | F19 | F29 - F9          | Meter turn indicator LH (+) |
|          | F37 | F29 - F9          | Hazard SW (TL)              |
| F30      | F14 | Turn SW (R)       | FR. turn lamp RH (+)        |
|          | F7  | F30 - F14         | RR. turn lamp RH (+)        |
|          | F16 | F30 - F14         | Side turn lamp RH (+)       |
|          | F21 | F30 - F14         | Meter turn indicator RH (+) |
|          | F36 | F30 - F14         | Hazard SW (TR)              |
|          | F12 | Z139 - Z28        | Side turn lamp LH (-)       |
|          | F17 | Z130 - Z27        | Side turn lamp RH (-)       |
|          | F28 | Z8 - Z301         | Flusher relay (E)           |
|          | G2  | H41 - H2          | Back up lamp SW (+)         |

# HARNESS & WIRING DIAGRAM

## WIRE, COWL (LHD) — (2)

| Terminal |     | Connection               |                            |
|----------|-----|--------------------------|----------------------------|
| G3       | G4  | Back up lamp SW (-)      | Back up lamp RH (+)        |
| G6       | G7  | Meter brake fluid        | Parking brake SW (+)       |
|          | G8  | G6 - G7                  | Brake fluid level SW (+)   |
| G6       | G8  | Meter brake fluid        | Brake fluid level SW (+)   |
| G9       | G7  | Meter, parking brake     | Parking brake SW (+)       |
|          | G12 | H41 - H2                 | Volt meter (+)             |
|          | G13 | H41 - H2                 | 3 stage controller (+)     |
|          | H49 | H32 - M33                | Meter, dif. lock indicator |
| H41      | H2  | Fuse, gauge              | Meter, IG (+)              |
| H5       | H6  | Meter, oil pressure      | Oil pressure SW            |
| H18      | H19 | Meter, seat belt warning | Seat belt SW               |
| H20      | H21 | Meter, temp. gauge       | Thermo. sender             |
| H22      | H23 | Meter, fuel gauge        | Fuel sender                |
| H32      | H33 | Meter, 4WD indicator     | 4WD/Dif. lock SW (+)       |
|          | H34 | Z130 - Z27               | 4WD/Dif. lock SW (-)       |
| I55      | I10 | Fuse, wiper              | FR. wiper SW (+)           |
|          | I2  | I55 - I10                | FR. washer motor (+)       |
|          | I22 | I55 - I10                | FR. wiper motor (+)        |
|          | I42 | I55 - I10                | INT relay (B)              |
| I3       | I6  | FR. washer motor (+)     | FR. washer SW (+)          |
| I8       | I41 | FR. wiper SW (INT)       | INT relay (INT)            |
| I11      | I18 | FR. wiper SW (Lo)        | FR. wiper motor (Lo)       |
| I12      | I20 | FR. wiper SW (Hi)        | FR. wiper motor (Hi)       |
| I13      | I39 | FR. wiper SW (OFF)       | INT relay                  |
| I24      | I40 | FR. wiper motor (comm)   | INT relay                  |
| I31      | I28 | FR. wiper SW (+)         | RR. washer SW (+)          |
|          | I31 | I55 - I10                | RR. wiper SW (+)           |
|          | I43 | I55 - I10                | RR. wiper motor (B)        |
| I55      | I50 | RR. wiper SW (wip)       | RR. wiper motor (+1)       |
| I53      | I51 | RR. wiper SW (S)         | RR. wiper motor (S)        |
| I54      | I26 | RR. washer SW (-)        | RR. washer motor (+)       |
|          | J19 | O8 - O12                 | H/L cleaner motor (+)      |
| J20      | J21 | H/L cleaner motor (-)    | H/L cleaner relay          |
|          | J22 | A51 - A6                 | H/L cleaner relay (H/L)    |
|          | J23 | I55 - I10                | H/L cleaner relay          |
|          | J24 | I3 - I6                  | H/L cleaner relay          |
| K98      | K27 | Fuse, defogger           | Defogger SW (+)            |

| Terminal |      | Connection           |                           |
|----------|------|----------------------|---------------------------|
| K28      | J29  | Defogger SW (-)      | RR. defogger (+)          |
|          | K43  | C13 - C7 (C88 - C10) | Defogger SW Illumi. (+)   |
| K1       | K10  | Fuse, heater         | Heater relay (+)          |
| K2       | K11  | Heater motor (+)     | Heater relay (-)          |
| K30      | K4   | Heater motor (-)     | Heater SW                 |
|          | K3   | K30 - K4             | Heater resister           |
| K41      | K42  | Heater resister (H2) | Heater SW (H2)            |
| K5       | K6   | Heater resister (H1) | Heater SW (H1)            |
|          | K7   | Z3 - Z301            | Heater resister (L)       |
|          | K12  | H41 - H2             | Heater relay (coil +)     |
| K8       | K13  | Heater SW (L)        | Heater relay (coil -)     |
|          | K105 | K1 - K10             | RR. heater relay (+)      |
|          | K107 | H41 - H2             | RR. heater relay (coil +) |
| K48      | K108 | RR. heater SW (+)    | RR. heater relay (coil -) |
| K50      | K106 | RR. heater motor (+) | RR. heater (-)            |
|          | K49  | K50 - K106           | RR. heater SW (-)         |
| O2       | K58  | F/L, A/C             | A/C sub.                  |
| K136     | K47  | Fuse, A/C            | A/C SW (+)                |
| K99      | K100 | A/C SW (-)           | A/C amp. (B)              |
|          | K111 | K99 - K100           | A/C sub.                  |
|          | K101 | N7 - N8              | A/C amp.                  |
| K16      | K102 | A/C sub.             | A/C amp.                  |
| K18      | K103 | A/C idle up VSV      | A/C amp.                  |
| K19      | K104 | A/C idle up VSV      | A/C amp.                  |
|          | K17  | K19 - K104           | A/C pressure SW           |
| K109     | K96  | A/C sub.             | A/C water temp. SW        |
|          | K110 | H41 - H2             | A/C sub.                  |
| K112     | K113 | A/C pressure SW      | A/C sub.                  |
| K114     | K115 | A/C amp.             | A/C sub.                  |
| K116     | K117 | A/C amp.             | A/C sub.                  |
| K118     | K119 | A/C amp.             | A/C sub.                  |
| K120     | Z135 | A/C amp.             | A/C SW                    |
|          | K137 | K2 - K11             | Fuse A/C                  |
| K220     | K201 | A/C volume           | A/C amp.                  |
| M1       | M2   | IG SW (ST)           | Starter magnet            |
|          | M9   | M1 - M2              | Day light relay           |
| N1       | N37  | IG SW (IG)           | Igniter (B)               |

# HARNESS & WIRING DIAGRAM

## WIRE, COWL (LHD) — (3)

| Terminal | Connection                                         |
|----------|----------------------------------------------------|
| N1       | N5 N1 - N37 IG coil (IG +)                         |
|          | N34 N1 - N37 Fuse, engine                          |
|          | N39 N1 - N37 Condenser (+)                         |
|          | N44 N1 - N37 Fuse, turn-gauge                      |
|          | N45 N1 - N37 Fuse, wiper-defogger                  |
| N7       | N8 IG coil (-) Distributor (+)                     |
|          | N11 N7 - N8 Meter IG (-)                           |
|          | N36 O8 - O12 Fuse, heater                          |
| O8       | F/L - O12                                          |
|          | O12 O8 - IG SW                                     |
|          | O59 O8 - Fuse, tail-stop                           |
|          | O60 O8 - Fuse, door-lock                           |
| O19      | O76 Alternator (IG) Fuse, engine                   |
|          | O51 O19 - O76 Day light relay                      |
| O20      | O21 Meter, CHG Alternator (L)                      |
|          | O52 O20 - O21 Day light relay                      |
|          | O61 O4 - A22 Fuse, horn                            |
| P80      | P81 Controller (-) ACT FR. RH (motor)              |
|          | P82 P80 - P81 ACT FR. LH (motor)                   |
| Q25      | W16 Fuse, door-lock Back door lock SW              |
| Q5       | Q18 Door lock SW (lock) Back door motor (lock)     |
| Q3       | Q19 Door lock SW (unlock) Back door motor (unlock) |
| R1       | R36 IG SW (ACC) Fuse, cigarette lighter            |
| R15      | R37 Cigarette lighter (+) Fuse, cigarette lighter  |
|          | S2 V38 - V39 Select SW (N)                         |
|          | S4 V44 - V45 Select SW (H)                         |
|          | S6 V50 - V51 Select SW (S)                         |
|          | S8 Z4 - Z21 Select SW (-)                          |
| V38      | V39 Controller (N) ACT SW (N) FR. RH               |
|          | V40 V38 - V39 ACT SW (N) FR. LH                    |
| V44      | V45 Controller (H) ACT SW (H) FR. RH               |
|          | V46 V44 - V45 ACT SW (H) FR. LH                    |
| V50      | V51 Controller (S) ACT SW (S) FR. RH               |
|          | V52 V50 - V51 ACT SW (S) FR. LH                    |
| Z3       | Z301 Body earth Body earth                         |
| Z130     | Z27 Body earth Clearance RH (E)                    |
| Z301     | Z126 Body earth Fuel pump                          |

| Terminal | Connection                                     |
|----------|------------------------------------------------|
| Z301     | Z2 Z4 - Z21 Dimmer SW (E)                      |
|          | Z8 Z3 - Z301 Meter, earth                      |
|          | Z11 Z137 - Z28 Oil level SW (E)                |
|          | Z16 Z3 - Z201 H/L cleaner relay (E)            |
| Z4       | Z21 Body earth Heater SW (E)                   |
| Z103     | Z30 Body earth Radio (E)                       |
| Z15      | Z8 Body earth Meter (E)                        |
| Z103     | Z129 Body earth Meter, gauge earth             |
|          | Z31 Z4 - Z21 Cigarette lighter (E)             |
|          | Z33 Z137 - Z28 A/C sub. (earth)                |
|          | Z42 Z3 - Z301 Defogger SW (E)                  |
|          | Z43 Z4 - Z21 RR. fog SW (E)                    |
|          | Z60 Z302 - Z126 Lock SW                        |
| Z103     | Z74 Body earth Meter, gauge (E)                |
| Z15      | Z83 Body earth Meter, speed sensor (E)         |
| Z137     | Z28 Body earth Clearance LH (E)                |
|          | Z131 Body earth Condenser (E)                  |
|          | Z40 Z302 - Z126 Seat belt SW (E)               |
|          | Z85 Z4 - Z21 RR. heater SW (E)                 |
|          | Z127 Z4 - Z21 Select SW illumi. (-)            |
|          | Z128 Z3 - Z301 Hazard SW illumi. (-)           |
|          | Z132 Z137 - Z27 FR. fog lamp RH (-)            |
|          | Z133 V139 - Z28 FR. fog lamp LH (-)            |
|          | Z134 Z302 - Z126 RR. body earth                |
|          | Z65 Z302 - Z126 Door lock SW (E)               |
|          | Z136 Z3 - Z301 A/C amp. (E)                    |
| Z15      | Z74 Body earth Meter, gauge (E)                |
|          | Z59 Z3 - Z301 Door lock relay (E)              |
|          | Z61 Z302 - Z126 P/W SW (E)                     |
|          | Z62 Z302 - Z126 Door mirror SW (E)             |
|          | Z300 Z4 - Z21 Body earth                       |
|          | P20 N1 - N37 Power window C/B (+)              |
|          | P21 P22 Power window C/B (-) P/W master SW (+) |
| P21      | P31 P21 - P22 P/W passenger (+)                |
|          | P27 P29 P/W master SW (P) up P/W SW (P) up     |
| P28      | P30 P/W master SW (P) down P/W SW (P) down     |
| Q2       | Q33 Door lock relay Door lock SW (unlock)      |

## HARNESS & WIRING DIAGRAM

### WIRE, COWL (LHD) — (4)

| Terminal |     | Connection             |                     |
|----------|-----|------------------------|---------------------|
| Q4       | Q35 | Door lock relay        | Door lock (lock)    |
| Q6       | Q7  | Door lock relay        | Motor (FR-P-lock)   |
| Q8       | Q9  | Door lock relay        | Motor (FR-P-unlock) |
|          | Q1  | O8 -                   | Door lock relay (+) |
| R18      | R22 | Door mirror SW (VL)    | Door mirror (VL +)  |
| R19      | R24 | Door mirror SW (VR)    | Door mirror (VR +)  |
| R20      | R23 | Door mirror SW (HL)    | Door mirror (HL +)  |
| R21      | R25 | Door mirror SW (HR)    | Door mirror (HR +)  |
| R17      | R27 | Door mirror SW (motor) | Door mirror (LH -)  |
|          | R26 | R17 - R27              | Door mirror (RH -)  |
|          | R16 | R15 - R37              | Door mirror SW (+)  |

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## HARNESS & WIRING DIAGRAM

### WIRE, COWL (German Spec.) — (1)

| Terminal | Connection                              |
|----------|-----------------------------------------|
| O4       | A22 Fusible link Light SW (D2)          |
| A50      | A23 Fuse, H/L Light SW (DL)             |
| A52      | A2 Fuse, H/L LH H/L LH (B)              |
| A51      | A6 Fuse, H/L RH H/L RH (B)              |
|          | A10 A51 - A6 High beam indicator (+)    |
| A3       | A17 H/L LH (Hi) Dimmer SW (HM)          |
|          | A7 A3 - A17 H/L RH (Hi)                 |
|          | A11 A3 - A17 High beam indicator (-)    |
| A4       | A18 H/L LH (Lo) Dimmer SW (HS)          |
|          | A8 A4 - A18 H/L RH (Lo)                 |
|          | A29 O4 - A22 Day light relay            |
|          | A30 A50 - A23 Day light relay           |
|          | A31 A4 - A18 Day light relay            |
|          | A32 Z3 - Z301 Day light relay           |
|          | A33 A3 - A17 Day light relay            |
| C87      | C3 Fuse, tail Side lamp SW (TB)         |
| C13      | C7 Side lamp SW (S) Tail lamp RH (+)    |
|          | C10 C13 - C7 Clearance lamp RH (+)      |
|          | C12 C13 - C7 Clearance lamp LH (+)      |
|          | C16 C13 - C7 License lamp (+)           |
|          | C19 C13 - C7 Heater illumi. (+)         |
|          | C21 C13 - C7 Meter illumi. (+)          |
|          | C29 Q15 - Q16 Clock (+)                 |
|          | C84 C13 - C7 Select SW illumi. (+)      |
|          | C85 C13 - C7 Hazard SW illumi. (+)      |
| C37      | C38 Lighting SW (RF) Rear fog SW (+)    |
| C39      | C40 Rear fog SW (-) Rear fog (+)        |
|          | C49 C87 - C3 Day light relay (4)        |
| C92      | C50 Tail SW (5) Day light relay (5)     |
| C91      | C51 Tail SW (8) Day light relay (8)     |
|          | C3 O8 - O12 Side lamp SW (TB)           |
| C13      | C86 Side lamp SW (S) Fuse, tail         |
| C88      | C10 Fuse, tail RH Clearance lamp RH (+) |
|          | C7 C88 - C10 Tail lamp RH (+)           |
|          | C19 C88 - C10 Heater illumi. (+)        |
|          | C21 C88 - C10 Meter illumi. (+)         |
|          | C84 C88 - C10 Select SW illumi. (+)     |

| Terminal | Connection                                     |
|----------|------------------------------------------------|
| C88      | C85 C88 - C10 Hazard SW illumi. (+)            |
| C89      | C12 Fuse, tail LH Clearance lamp LH (+)        |
|          | C16 C89 - C12 License lamp (+)                 |
|          | C48 C89 - C12 Lighting SW (DM)                 |
|          | D2 Q15 - Q16 Room lamp (+)                     |
| D3       | D7 Room lamp (-) Courtesy SW LH                |
|          | D6 D3 - D7 Courtesy SW RH                      |
|          | D41 Q15 - Q16 Luggage lamp (+)                 |
| E28      | E10 Fuse, stop Stop lamp SW (+)                |
| E11      | E14 Stop lamp SW (-) Stop lamp RH (+)          |
| E21      | E19 Horn LH (-) Horn SW (+)                    |
|          | E3 E21 - E19 Horn RH (-)                       |
| E27      | F23 Fuse, horn Hazard SW                       |
|          | E2 E27 - F23 Horn RH (+)                       |
|          | E20 E27 - F23 Horn LH (+)                      |
| F1       | F2 Hazard SW (R) Meter, red hazard (+)         |
| F34      | F24 Fuse, turn Hazard SW (B1)                  |
| F26      | F38 Flusher relay (B) Hazard SW (F)            |
| F27      | F35 Flusher relay (L) Hazard SW (TB)           |
|          | F32 F27 - F35 Turn SW (+)                      |
| F29      | F9 Turn SW (L) Fr. turn lamp LH (+)            |
|          | F5 F29 - F9 Rr. turn lamp LH (+)               |
|          | F11 F29 - F9 Side turn lamp LH (+)             |
|          | F19 F29 - F9 Meter, turn indicator LH (+)      |
|          | F37 F29 - F9 Hazard SW (TL)                    |
| F30      | F14 Turn SW (R) Fr. turn lamp RH (+)           |
|          | F7 F30 - F14 Rr. turn lamp RH (+)              |
|          | F16 F30 - F14 Side turn lamp RH (+)            |
|          | F21 F30 - F14 Meter, turn indicator RH (+)     |
|          | F36 F30 - F14 Hazard SW (TR)                   |
|          | F12 Z137 - Z28 Side turn lamp LH (-)           |
|          | F17 Z130 - Z27 Side turn lamp RH (-)           |
|          | F28 Z3 - Z301 Flusher relay (E)                |
|          | H49 H32 - H33 Meter, diff. lock                |
|          | G2 H41 - H2 Back lamp SW (+)                   |
| G3       | G4 Back lamp SW (-) Back lamp RH (+)           |
| G6       | G8 Meter, brake fluid Brake fluid level SW (+) |

# HARNESS & WIRING DIAGRAM

## WIRE, COWL (German Spec.) — (2)

| Terminal |     | Connection             |                         |
|----------|-----|------------------------|-------------------------|
| G9       | G7  | Meter, parking brake   | Parking brake SW (+)    |
|          | G12 | H41 - H2               | Volt meter              |
|          | G13 | H41 - H2               | 3 stage controller      |
| H41      | H2  | Fuse, gauge            | Meter IG (+)            |
| H5       | H6  | Meter, oil pressure    | Oil pressure SW         |
| H20      | H21 | Meter, temp. gauge     | Thermo. sender          |
| H22      | H23 | Meter, fuel gauge      | Fuel sender             |
| H32      | H33 | Meter, 4WD indicator   | 4WD/Diff. lock SW (+)   |
|          | H34 | Z130 - Z27             | 4WD/Diff. lock SW (-)   |
| I55      | I10 | Fuse, wiper            | Fr. wiper SW (+)        |
|          | I2  | I55 - I10              | Fr. washer motor (+)    |
|          | I22 | I55 - I10              | Fr. wiper motor (+)     |
|          | I42 | I55 - I10              | INT relay (B)           |
| I3       | I6  | Fr. washer motor (-)   | Fr. washer SW (+)       |
| I8       | I41 | Fr. wiper SW (INT)     | INT relay (INT)         |
| I11      | I18 | Fr. wiper SW (Lo)      | Fr. wiper motor (Lo)    |
| I12      | I20 | Fr. wiper SW (Hi)      | Fr. wiper motor (Hi)    |
| I13      | I39 | Fr. wiper SW (Off)     | INT relay (WS)          |
| I24      | I40 | Fr. wiper motor (Comm) | INT relay (WH)          |
|          | I28 | I55 - I10              | Rr. washer SW (+)       |
|          | I31 | I55 - I10              | Rr. wiper SW (+)        |
|          | I43 | I55 - I10              | Rr. wiper motor (B)     |
| I52      | I50 | Rr. wiper SW (WIP)     | Rr. wiper motor (+1)    |
| I53      | I51 | Rr. wiper SW (S)       | Rr. wiper motor (+)     |
| I54      | I26 | Rr. washer SW (-)      | Rr. washer motor (+)    |
|          | J19 | O8 - O12               | H/L cleaner motor (+)   |
| J20      | J21 | H/L cleaner motor (-)  | H/L cleaner relay (M)   |
|          | J22 | A51 - A6               | H/L cleaner relay (HL)  |
|          | J23 | I55 - I10              | H/L cleaner relay (B)   |
|          | J24 | I3 - I6                | H/L cleaner relay (INT) |
| K98      | K27 | Fuse, defogger         | Defogger SW (+)         |
|          | K43 | C13 - C7               | Defogger SW illum. (+)  |
|          | K43 | C88 - C10              | Defogger SW illum. (+)  |
| K1       | K10 | Fuse, heater           | Heater relay (+)        |
| K2       | K11 | Heater motor (+)       | Heater relay (-)        |
| K30      | K4  | Heater motor (-)       | Heater SW (M)           |
|          | K3  | K30 - K4               | Heater resister (M)     |

| Terminal |      | Connection           |                           |
|----------|------|----------------------|---------------------------|
| K41      | K42  | Heater resister (M2) | Heater SW (M2)            |
| K5       | K6   | Heater resister (M1) | Heater SW (M1)            |
|          | K7   | Z3 - Z301            | Heater resister (L)       |
|          | K12  | H41 - H2             | Heater relay coil (+)     |
| K8       | K13  | Heater SW (Lo)       | Heater relay coil (-)     |
|          | K107 | H41 - H2             | Rr. heater relay coil (+) |
| K48      | K108 | Rr. heater SW (+)    | Rr. heater relay coil (-) |
| K50      | K106 | Rr. heater motor (+) | Rr. heater relay (-)      |
|          | K49  | K50 - K106           | Rr. heater SW (-)         |
|          | K105 | K1 - K10             | Rr. heater relay (+)      |
| K8       | K70  | Heater SW (Lo)       | Diode (-)                 |
| K71      | K13  | Diode (+)            | Heater relay coil (-)     |
|          | K137 | K2 - K11             | Fuse, A/C                 |
| K19      | K104 | A/C, idle up VSV (-) | A/C, amp. (F)             |
|          |      | K19 - K104           | A/C, pressure SW (1)      |
| K136     | K47  | Fuse, A/C            | A/C, SW (+)               |
| K99      | K100 | A/C, SW (-)          | A/C, amp. (B)             |
|          | K101 | N7 - N8              | A/C, amp. (C)             |
| K16      | K102 | A/C, magnet clutch   | A/C, amp. (D)             |
| K18      | K103 | A/C, idle up VSV (+) | A/C, amp. (E)             |
| K19      | K104 | A/C, idle up VSV (-) | A/C, amp. (F)             |
| K120     | Z135 | A/C, amp. P          | A/C, SW (-)               |
| K109     | K96  | A/C, sub. E          | Wat temp. SW (A/C)        |
|          | K110 | H41 - H2             | A/C, sub. F1              |
|          | K111 | K99 - K100           | A/C, sub. G1              |
| K112     | K113 | A/C, pressure SW (2) | A/C, sub. M1              |
| K114     | K115 | A/C, amp. M          | A/C, sub. J1              |
| K116     | K117 | A/C, amp. L          | A/C, sub. K1              |
| K118     | K119 | A/C, amp. Q          | A/C, sub. L1              |
| M1       | M2   | IG SW (ST)           | Starter magnet            |
|          | M9   | M1 - M2              | Day light relay           |
|          | N36  | Q8 - O12             | Fuse, heater              |
| N1       | N34  | IG SW (IG1)          | Fuse, engine              |
|          | N44  | N1 - N34             | Fuse, turn gauge          |
|          | N45  | N1 - N34             | Fuse, wiper defogger      |
| N7       | N8   | IG coil (-)          | Distributor (+)           |
|          | N11  | N7 - N8              | Meter IG (-)              |

## HARNESS & WIRING DIAGRAM

### WIRE, COWL (German Spec.) — (3)

| Terminal |     | Connection                                |
|----------|-----|-------------------------------------------|
| N30      |     | IG SW (IG2) - N37                         |
|          | N37 | N30 - Igniter (B)                         |
|          | N5  | - N37 IG coil (IG +)                      |
|          | N38 | - N37 Fuse, EFI 2                         |
|          | N39 | - N5 Condenser (+)                        |
| N33      | O56 | Fuse, EFI 2 EFI relay coil (+)            |
| O8       |     | Fusible link - O12                        |
|          | O12 | O8 - IG SW (AM)                           |
|          | O59 | O8 - Fuse, tail stop                      |
|          | O60 | O8 - Fuse, doom lock                      |
| O19      | O76 | Alternator (IG) Fuse, engine              |
|          | O51 | O19 - O76 Day light relay (1)             |
| O2       | K58 | Fusible link A/C relay (+)                |
| O20      | O21 | Meter, CHG Alternator (L)                 |
|          | O52 | O20 - O21 Day light relay (9)             |
| O42      | O55 | ECU (BATT) Fuse, back-up                  |
|          | O61 | O4 - A22 Fuse, horn                       |
| P5       | P6  | Fuel pump relay (-) Fuel pump (+)         |
| P17      | P69 | Fuel pump relay coil (-) Diode            |
| P18      | P70 | ECU (FC) Diode                            |
| P17      | P18 | Fuel pump relay coil (-) ECU (FC)         |
| P80      | P81 | Controller (-) ACT Fr. RH motor (-)       |
|          | P82 | P89 - P82 ACT Fr. LH motor (-)            |
| Q15      | Q16 | Fuse, doom lock Lock SW (B)               |
| Q5       | Q18 | Lock SW (lock) Motor (lock)               |
| Q3       | Q19 | Lock SW (unlock) Motor (unlock)           |
| R1       | R36 | IG SW (ACC) Fuse, cigarette lighter       |
| R15      | R37 | Cigarette lighter Fuse, cigarette lighter |
|          | S2  | V38 - V39 Select SW (N)                   |
|          | S4  | V44 - V45 Select SW (H)                   |
|          | S6  | V50 - V51 Select SW (S)                   |
|          | S8  | Z4 - Z21 Select SW (-)                    |
| V38      | V39 | Controller (N) ACT SW (N) Fr. RH          |
|          | V40 | V38 - V39 ACT SW (N) Fr. LH               |
| V44      | V45 | Controller (H) ACT SW (H) Fr. RH          |
|          | V46 | V44 - V45 ACT SW (H) Fr. LH               |
| V50      | V51 | Controller (S) ACT SW (S) Fr. RH          |

| Terminal |      | Connection                         |
|----------|------|------------------------------------|
| V50      | V52  | V50 - V51 ACT SW (S) Fr. LH        |
| X1       | X2   | Meter, diagnosis ECU (W)           |
| X3       | X4   | Meter, reed SW ECU (SPD)           |
| X9       | X11  | Idle up VSV Diode                  |
|          | X12  | K8 - K70 Diode                     |
|          | X15  | K28 - K29 Diode                    |
|          | X16  | A52 - A2 Diode                     |
| X17      | X18  | Diode ECU (ELS)                    |
|          | X12  | K8 - K13 Diode                     |
|          | X22  | M1 - M2 ECU (STA)                  |
| X47      | X50  | Injector relay Injector #1         |
|          | X92  | E11 - E14 ECU (B/K)                |
| Z3       | Z301 | Body earth Body earth              |
|          | Z33  | Z3 - Z4 A/C, fan motor (-)         |
|          | Z136 | Z3 - Z4 A/C, amp. (-)              |
| X130     | Z27  | Body earth Clearance RH (-)        |
| Z302     | Z126 | Body earth Fuel pump (-)           |
|          | Z2   | Z4 - Z21 Dimmer SW (E)             |
|          | Z11  | Z137 - Z28 Oil level SW (E)        |
|          | Z16  | Z3 - Z301 H/L cleaner relay (E)    |
| Z4       | Z21  | Body earth Heater SW (E)           |
| Z103     | Z30  | Body earth Radio (E)               |
| Z15      | Z8   | Body earth Meter (E)               |
|          | Z31  | Z4 - Z21 Cigarette lighter (E)     |
|          | Z42  | Z3 - Z301 Defogger SW (E)          |
|          | Z43  | Z4 - Z21 Rear fog SW (E)           |
|          | Z45  | Z130 - Z27 Relay Box (E)           |
|          | Z60  | Z302 - Z126 Lock SW (E)            |
| Z103     | Z74  | Body earth Gauge earth             |
| Z15      | Z83  | Body earth Meter, speed sensor (-) |
| Z137     | Z28  | Body earth Condenser (E)           |
| Z137     | Z131 | Body earth Condenser (E)           |
|          | Z85  | Z4 - Z21 Rear heater SW (E)        |
|          | Z127 | Z4 - Z21 Select SW illum. (-)      |
|          | Z128 | Z3 - Z301 Hazard SW illum. (-)     |
|          | Z134 | Z302 - Z126 Rr. body earth         |
|          | Z300 | Z4 - Z21 Body earth                |
|          |      |                                    |

## HARNESS & WIRING DIAGRAM

### WIRE, COWL (German Spec.) — (4)

| Terminal | Connection |                          |                       |
|----------|------------|--------------------------|-----------------------|
| Z137     | P20        | N1 - N34                 | Power window (+)      |
| P21      | P22        | Power window (-)         | P/W master SW (+)     |
|          | P31        | P21 - P22                | P/W passenger (+)     |
| P27      | P29        | P/W master SW (P) up     | P/W SW (P) up         |
| P28      | P30        | P/W master SW (P) down   | P/W SW (P) down       |
| Q2       | Q33        | Door lock relay (unlock) | Door lock SW (unlock) |
| Q4       | Q3         | Door lock relay (lock)   | Door lock SW (lock)   |
| Q6       | Q7         | Door lock relay (motor)  | Motor Fr. P (lock)    |
| Q8       | Q9         | Door lock relay (motor)  | Motor Fr. P (unlock)  |
| Q8       | Q1         | Q8 -                     | Door lock relay (+)   |
| R18      | R22        | Door mirror SW (VL)      | Door mirror (VL +)    |
| R19      | R24        | Door mirror SW (VR)      | Door mirror (VR +)    |
| R20      | R23        | Door mirror SW (HL)      | Door mirror (HL +)    |
| R21      | R25        | Door mirror SW (HR)      | Door mirror (HR +)    |
| R17      | R27        | Door mirror SW (M)       | Door mirror (LH -)    |
|          | R26        | R17 - R27                | Door mirror (RH -)    |
|          | R16        | R15 - R37                | Door mirror SW (+)    |
|          | Z65        | Z302 - Z126              | Door control SW (E)   |
|          | Z59        | Z3 - Z301                | Door lock relay (E)   |
|          | Z61        | Z302 - Z126              | P/W SW (E)            |
|          | Z62        | Z302 - Z126              | Door mirror SW (E)    |
|          | A61        | A52 - A2                 | H/L leveling LH (+)   |
|          | A54        | A51 - A6                 | H/L leveling RH (+)   |
| A56      | A63        | H/L leveling RH (0)      | H/L leveling LH (0)   |
|          | A69        | A56 - A63                | H/L leveling SW (0)   |
| A57      | A64        | H/L leveling RH (1)      | H/L leveling LH (1)   |
|          | A70        | A57 - A64                | H/L leveling SW (1)   |
| A58      | A65        | H/L leveling RH (2)      | H/L leveling LH (2)   |
|          | A71        | A58 - A65                | H/L leveling SW (2)   |
| A59      | A66        | H/L leveling RH (3)      | H/L leveling LH (3)   |
|          | A72        | A59 - A66                | H/L leveling SW (3)   |
| A60      | A67        | H/L leveling RH (4)      | H/L leveling LH (4)   |
|          | A73        | A60 - A67                | H/L leveling SW (4)   |
|          | A55        | Z130 - Z27               | H/L leveling RH (E)   |
|          | A62        | Z137 - Z28               | H/L leveling LH (E)   |
|          | A68        | Z4 - Z21                 | H/L leveling SW (E)   |
| R28      | R48        | Rear speaker RH (+)      | Radio (SP. RH +)      |

| Terminal | Connection |                     |                  |
|----------|------------|---------------------|------------------|
| R29      | R51        | Rear speaker RH (-) | Radio (SP. RH -) |
| R30      | R46        | Rear speaker LH (+) | Radio (SP. LH +) |
| R31      | R47        | Rear speaker LH (-) | Radio (SP. LH -) |

WFE90-HW053

## HARNESS & WIRING DIAGRAM

### WIRE FLOOR

| Terminal |     | Connection             |                         |
|----------|-----|------------------------|-------------------------|
| C13      | C7  | Turn signal SW (S)     | Tail RH (+) (Body)      |
| C13      | C6  | Turn signal SW (S)     | Tail RH (+) (Bumper)    |
| C89      | C16 | Turn signal SW (S)     | Licence lamp (+)        |
|          | C8  | C89 - C16              | Tail LH (+) (Body)      |
|          | C9  | C89 - C16              | Tail LH (+) (Bumper)    |
| C39      | C40 | Rear fog SW (-)        | Rear fog lamp (+)       |
|          | C83 | C39 - C40              | Rear fog lamp (+)       |
| D3       | D7  | Doom lamp SW (-)       | Door courtesy SW LH (+) |
| D40      | D41 | Fuse, doom-lock        | Luggage lamp (+)        |
| D42      | D43 | Luggage lamp (door)    | Courtesy SW (Back door) |
| E11      | E17 | Stop lamp SW (-)       | Stop lamp LH (+)/Bumper |
| E11      | E14 | Stop lamp SW (-)       | Stop lamp RH (+)/Body   |
|          | E15 | E11 - E14              | Stop lamp LH (+)/Body   |
|          | E16 | E11 - E17              | Stop lamp RH (+)/Bumper |
| F29      | F5  | Turn signal SW (L)     | Turn lamp LH (+)/Body   |
| F29      | F6  | Turn signal SW (L)     | Turn lamp LH (+)/Bumper |
| F30      | F7  | Turn signal SW (R)     | Turn lamp RH (+)/Body   |
| F30      | F8  | Turn signal SW (R)     | Turn lamp RH (+)/Bumper |
| G3       | G5  | Back up lamp SW (-)    | Back up lamp LH (+)     |
|          | G4  | G3 - G5                | Back up lamp RH (+)     |
| H22      | H23 | Meter, fuel gauge      | Fuel sender             |
| H41      | G13 | Fuse, gauge            | 3 stage controller (+)  |
| I55      | I29 | Fuse, wiper            | Rear wiper motor (+)    |
| I52      | I50 | Rear wiper SW (WIP)    | Rear wiper motor (+)    |
| I53      | I51 | Rear wiper SW (WIP)    | Rear wiper motor (S)    |
| I54      | I26 | Rear wiper SW (WAS)    | Rear washer motor (B)   |
| K28      | K29 | Defogger SW (-)        | Defogger (+)            |
| P80      | P81 | 3 stage controller (-) | ACT, Fr. RH motor (-)   |
|          | P83 | P80 - P81              | ACT, Rr. RH motor (-)   |
| Q5       | Q18 | Motor lock SW (lock)   | Motor lock (lock)       |
| Q3       | Q19 | Motor lock SW (unlock) | Motor lock (unlock)     |
| R28      | R48 | Rear speaker RH (+)    | Radio (Rr. SP. RH +)    |
| R29      | R51 | Rear speaker RH (-)    | Radio (Rr. SP. RH +)    |
| R30      | R46 | Rear speaker LH (+)    | Radio (Rr. SP. LH +)    |
| R31      | R47 | Rear speaker LH (-)    | Radio (Rr. SP. LH -)    |
| V38      | V39 | 3 stage controller (N) | ACT, Fr. RH (N)         |
|          | V41 | V38 - V39              | ACT, Rr. RH (N)         |

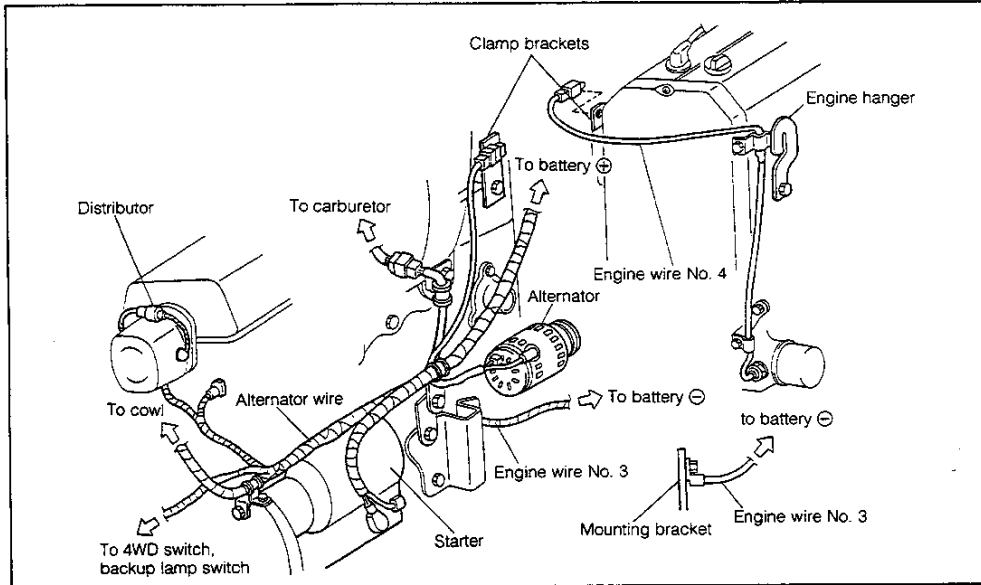
| Terminal |      | Connection             |                          |
|----------|------|------------------------|--------------------------|
| V44      | V45  | 3 stage controller (H) | ACT, Fr. RH (H)          |
|          | V47  | V44 - V45              | ACT, Rr. RH (H)          |
| V50      | V51  | 3 stage controller (S) | ACT, Fr. RH (S)          |
|          | V53  | V50 - V51              | ACT, Rr. RH (S)          |
| Z137     | Z3   | Body earth             | Body earth               |
| Z137     | Z6   | Body earth             | Rear comb. LH (-)/Body   |
|          | Z123 | Z137 - Z6              | 3 stage controller (-)   |
|          | Z141 | Z137 - Z6              | Luggage lamp (-)         |
|          | Z12  | Z137 - Z6              | Rear comb. LH (-)/Bumper |
| Z134     | Z41  | Body earth             | Fuel sender (-)          |
| Z134     | Z122 | Body earth             | Body earth               |
|          | Z5   | Z134 - Z122            | Rear comb. RH (-)/Body   |
|          | Z77  | Z134 - Z122            | Rear fog lamp (-)        |
|          | Z125 | Z134 - Z122            | Rear fog lamp (-)        |
|          | Z11  | Z134 - Z122            | Rear comb. RH (-)/Bumper |

WFE90-HW054

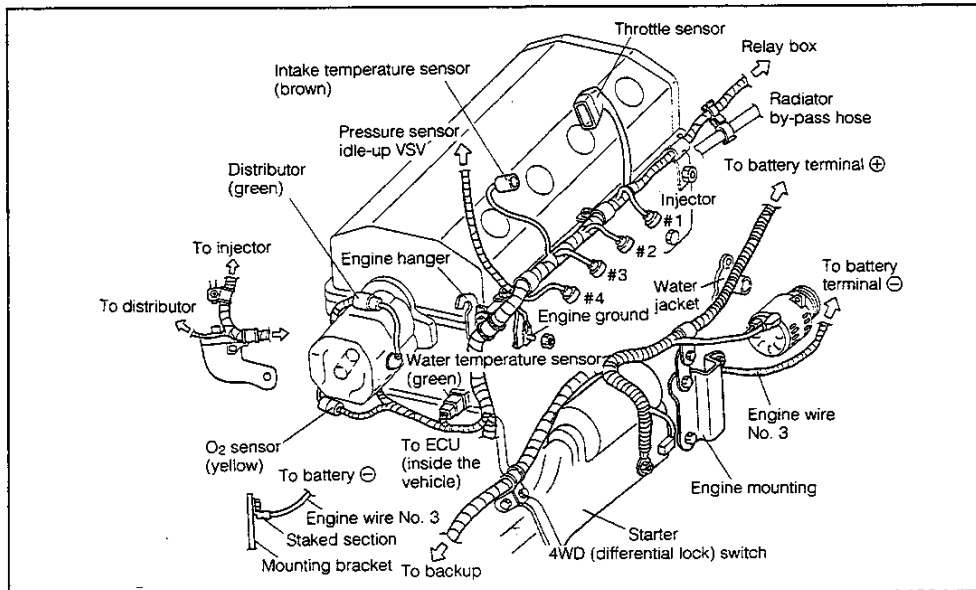
## HARNESS & WIRING DIAGRAM

### WIRING CLAMPING

#### Engine wire harness for HD-C engine



#### Engine wire harness for HD-E engine



## HARNESS & WIRING DIAGRAM

### Section: Harness leading to horn and front turn signal lamps Application: All vehicles

| No. | Operation procedure                                                                                                                                                      | Section | Control item                                                                                   | Purposes                                                                       |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 1.  | Wind the metal sheet clamp at the radiator supporting surface on the harness leading to the horn and push the harness downward. (Fig.1)                                  | A       | Ensure that the harness is clamped securely and it runs along the radiator supporting surface. | To prevent the harness from interfering with the grille and headlamp grille    |
| 2.  | Wind the metal sheet clamp at the support bracket side into the harness leading to the front turn signal lamp and clamp the harness securely. (Fig.2)                    | B       | Ensure that the harness is clamped securely and it runs along the support bracket.             | To prevent the harness from interfering with the body flange and balance panel |
| 3.  | Provide adequate space between the clamp (A) of the radiator support section and the terminal inserting section so that no sharp bending occurs at the terminal section. | C       | Ensure that no sharp bending occurs at the terminal section.                                   | To assure the performance                                                      |

WF590-HW050

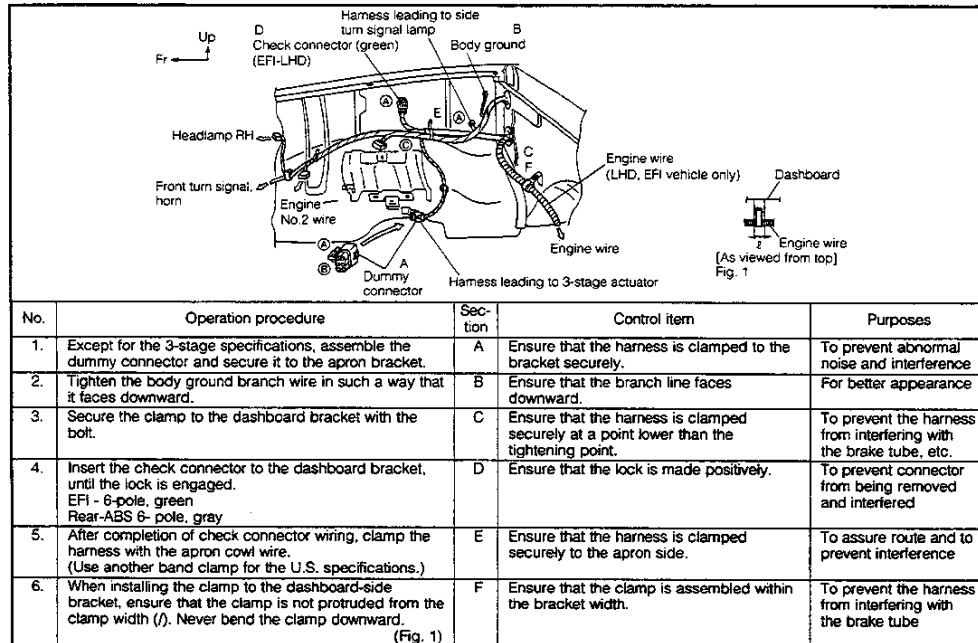
### Section: Harness leading to headlamp leveling controller Application: Headlamp leveling-equipped vehicles

| No. | Operation procedure                                                                                                                                                                                                                                                                                        | Section | Control item                                                                            | Purposes                                                               |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| 1.  | The connection of the connector leading to the headlamp leveling controller (gray, waterproof, 8-pole) should be performed at the outside of the vehicle from the controller. (The figure above typically shows the right side. The figure for the left side is symmetrical with that for the right side.) | A       | Ensure that the connector is positioned at outside of the headlamp leveling controller. | To prevent the controller bracket from interfering with the lead wire. |
| 2.  | Be careful not to allow the harness branch leading to the horn of the optional clamp (right side only) to be caught-in between the controller lower section and the apron.                                                                                                                                 | B       | Ensure that the branch is not caught-in between the controller and the apron.           | To prevent damage or open wire owing to catch-in.                      |

WF590-HW051

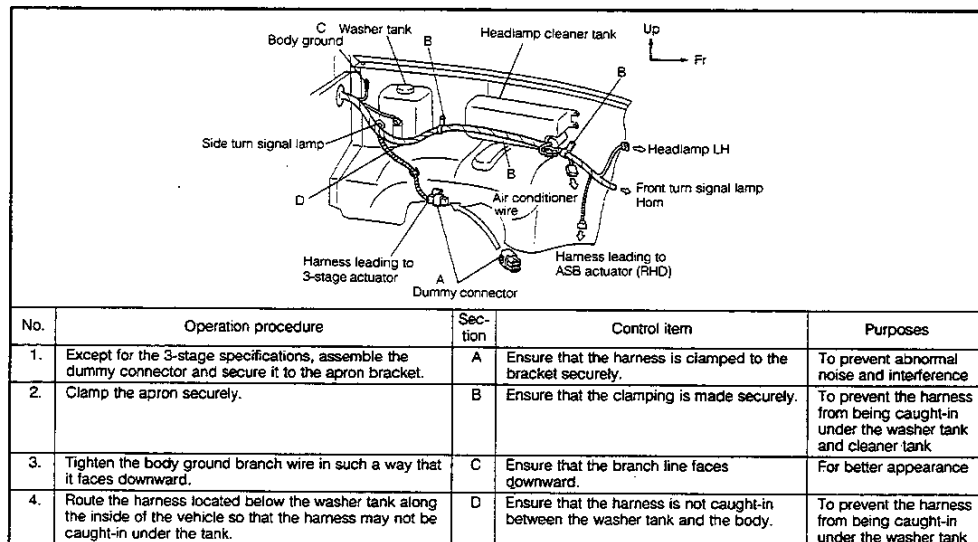
## HARNESS & WIRING DIAGRAM

### Section: Apron (right side) Application: All vehicles



WFE90-HW052

### Section: Apron (left side) Application: All vehicles



WFE90-HW053

## HARNESS & WIRING DIAGRAM

### Section: Coil, resistor and engine wire Application: R.H.D. vehicles

| No. | Operation procedure                                                                                                                                                  | Section | Control item                                                                              | Purposes                                                                                                                      |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 1.  | Clamp the harness to the dashboard bracket section, working from the top.                                                                                            | A       | Ensure that the clamp is secured positively.                                              | To prevent harness from interfering with brake and air conditioner-related piping and engine wire attaching bolts             |
| 2.  | Secure the clamp to the dashboard bracket with the bolt.                                                                                                             | B       | Ensure that the harness is clamped securely at a point lower than the tightening point.   | To prevent the harness from interfering with the brake tube, etc.                                                             |
| 3.  | Working from the top, insert the check connector to the dashboard bracket, until the lock is engaged.                                                                | C       | Ensure that the lock is made positively.                                                  | To prevent connector from being disconnected and interfered                                                                   |
| 4.  | When installing the clamp to the dashboard-side bracket, ensure that the clamp is not protruded from the clamp width (ℓ). Never bend the clamp downward.<br>(Fig. 1) | D       | Ensure that the clamp is installed within the bracket width.                              | To prevent the harness from interfering with the brake tube<br>To prevent interference with distributor and air-bleeding hose |
| 5.  | Place the connector (yellow, waterproof) with the dim dip resistor in front of the harness leading to the coil.                                                      | E       | Ensure that the connector is positioned at front side of the harness leading to the coil. | To prevent the harness connector from interfering with the resistor                                                           |

WFES0-HW054

### Section: Cowl top Application: All carburetor-equipped vehicles

| No. | Operation procedure                                                                                                                                  | Section | Control item                                                                                                  | Purposes                                                             |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| 1.  | Secure the harness rising to the cowl top just under the hinge center by means of a S-shaped clamp. (Clamp the clamp marking tape (yellow) section.) | A       | Ensure that the harness is secured positively at the body flange "S"-shaped zone just below the hinge center. | To prevent the harness to interfere with the hinge. ② To prevent sag |
| 2.  | As for the harness leading to the air conditioner VSV, provide a branch point at inside of the band type clamp.                                      | B       | Ensure that the branch starts from the left side ② of the clamp.                                              | To prevent the harness to sag                                        |
|     |                                                                                                                                                      |         | Ensure that the connector and harness are not sagging, thus interfering the booster hose.                     | To prevent the harness to interfere with the booster hose            |

WFES0-HW055

## HARNESS & WIRING DIAGRAM

### Section: Back side of instrument panel Application: All vehicles

|    | Operation procedure                                                                                        | Section | Control item                                                                                        | Purposes                                                     |
|----|------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| 1. | Start the harness leading to the meter and cluster switch from the branch section of the defroster nozzle. | A       | Ensure that the harness leading to meter and cluster switch are not caught-in under the trunk line. | To prevent the harness from pushing the nozzle.              |
| 2. | Insert the harness assembling clamp at the bracket of the cowl side section.                               | B       | Ensure that the clamp is secured positively.                                                        | To prevent the clamp from interfering with the pedal bracket |
| 3. | After connecting the connector with the wire roof, secure the connector to the pillar clamp hole.          | C       | Ensure that the connector is securely positively.                                                   | To prevent abnormal noise                                    |
| 4. | Install the blower relay at the black marked side of the relay block.<br>(All vehicles)                    | D       | Ensure that the blower relay is inserted to the black marked side block.                            | To assure blower performance                                 |

WFES0-HW056

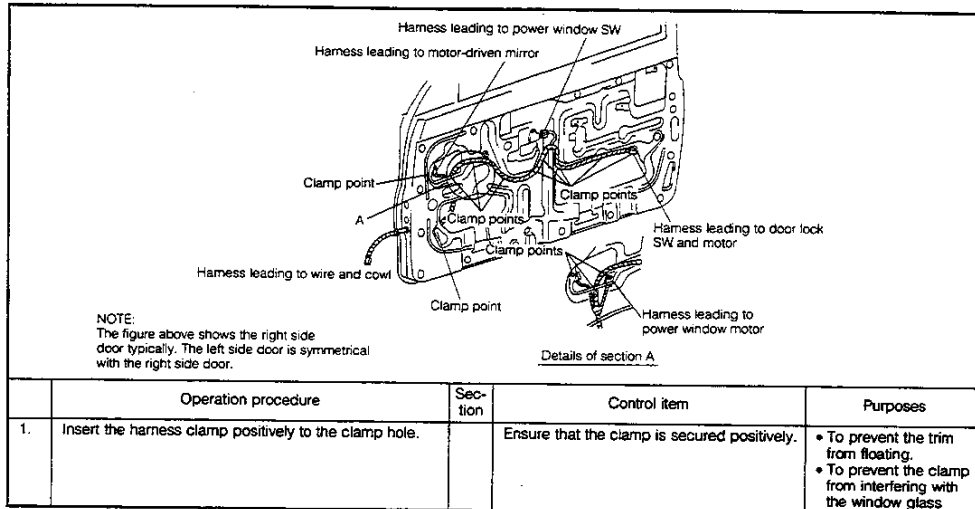
### Section: Relays related to cowl side Application: All vehicles

|    | Operation procedure                                                                                                                        | Section | Control item                                                                  | Purposes                                                         |
|----|--------------------------------------------------------------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------|------------------------------------------------------------------|
| 1. | Insert the relay block, until the protrusion at the inserting section is completely fitted with the hole at the bracket side.              | A       | Ensure that the relay block protrusion is fitted with the bracket completely. | To prevent the block from being removed                          |
| 2. | When connecting each connector of the headlamp cleaner relay, day light relay and dim dip relay, fit the lock completely.                  | B       | Ensure that the connector lock is fitted positively.                          | To assure performance                                            |
| 3. | For the R.H.D. vehicle, provide a gap of 20 mm or more between the accelerator rod and the harness that has passed through the dash panel. | C       | Ensure that the gap is at least 20 mm.                                        | To prevent the harness from interfering with the accelerator rod |

WFES0-HW057

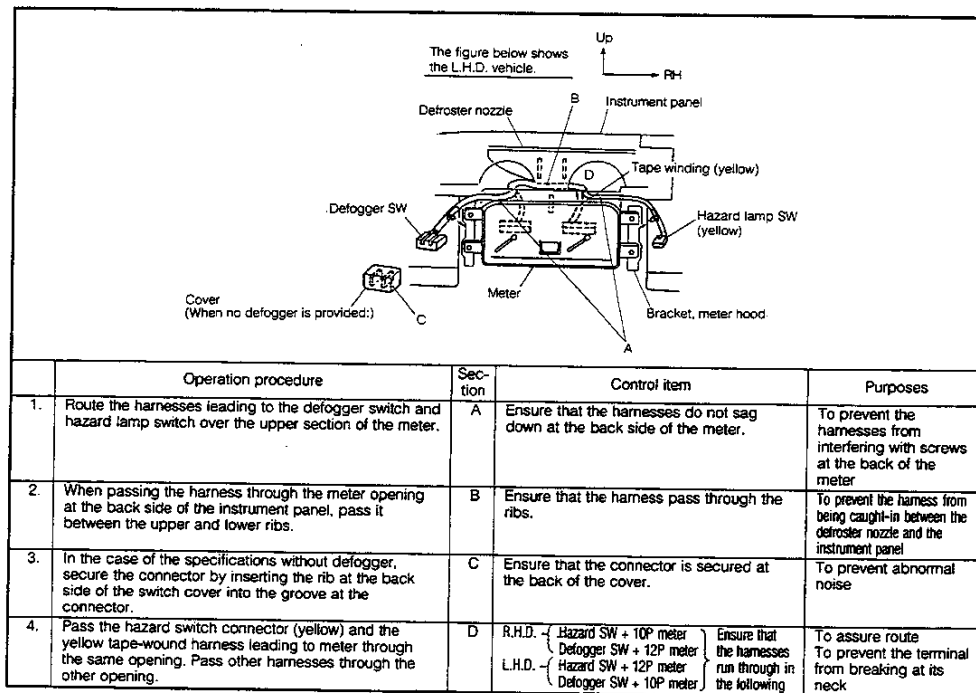
## HARNESS & WIRING DIAGRAM

### Section: Front door Application: Door wire-equipped vehicles



WFE90-HW058

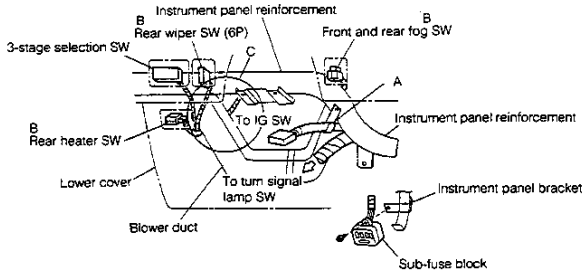
### Section: Harness leading to meter and cluster switch Application: All vehicles



WFE90-HW059

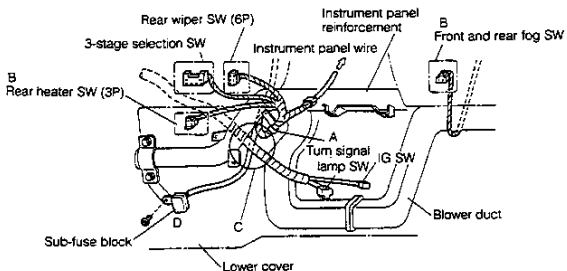
## HARNESS & WIRING DIAGRAM

### Section: Harness leading to instrument panel switch Application: R.H.D. vehicles

|  |                                                                                                                                                                                                      |         |                                                                                       |                                                                                                                                  |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|                                                                                    | Operation procedure                                                                                                                                                                                  | Section | Control item                                                                          | Purposes                                                                                                                         |
| 1.                                                                                 | Clamp the harness leading to the ignition switch by means of the metal sheet clamp of the instrument panel reinforcement.                                                                            | A       | Ensure that the clamp is secured positively.                                          | To prevent the harness from interfering with the instrument panel, lower cover and duct.                                         |
| 2.                                                                                 | When any of the rear wiper, rear heater and fog lamp is not provided on the specifications, secure their switches by inserting the terminal section to the pin at the back side of the switch cover. | B       | Ensure that the connector is secured positively.                                      | To prevent the connector from interfering with the instrument panel and reinforcement                                            |
| 3.                                                                                 | Route the branch lines of the harnesses leading to the rear heater switch, 3-stage switch and rear wiper switch under the instrument panel reinforcement and duct.                                   | C       | Ensure that the branch line passes under the instrument panel reinforcement and duct. | To prevent abnormal noise<br>To prevent the branch lines from interfering with the steering bracket and the bolt at tilt section |

WF890-HW060

### Section: Harness leading to instrument panel switch Application: L.H.D. vehicles

|  |                                                                                                                                                                                                      |         |                                                                                                                                                                           |                                                                                                                          |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
|                                                                                      | Operation procedure                                                                                                                                                                                  | Section | Control item                                                                                                                                                              | Purposes                                                                                                                 |
| 1.                                                                                   | Clamp the harnesses leading to the instrument panel wire, selection switch, rear wiper switch and rear heater switch by means of the metal sheet clamp of the instrument panel reinforcement.        | A       | Ensure that the clamp is secured positively.                                                                                                                              | To prevent the harness from interfering with the instrument panel, lower cover and duct.                                 |
| 2.                                                                                   | When any of the rear wiper, rear heater and fog lamp is not provided on the specifications, secure their switches by inserting the terminal section to the rib at the back side of the switch cover. | B       | Ensure that the connector is secured positively.                                                                                                                          | To prevent abnormal noise<br>To prevent the connector from interfering with the instrument panel, duct and reinforcement |
| 3.                                                                                   | Route the harnesses leading to the turn signal lamp switch and ignition switch at the back side of the harness leading to the sub-fuse block and heater relay.                                       | C       | Ensure that the harnesses leading to the turn signal lamp switch and ignition switch pass at the back side of the harness leading to the sub-fuse block and heater relay. | To prevent abnormal noise                                                                                                |
| 4.                                                                                   | Install the harness laterally in relation to the sub-fuse block installation.                                                                                                                        | D       | Ensure that the harness is installed laterally in relation to the sub-fuse block installation.                                                                            | To assure route<br>To improve clutch pedal assembling operation                                                          |

WF890-HW061

## HARNESS & WIRING DIAGRAM

### Section: Harness leading to turn signal lamp switch Application: All vehicles

|    | Operation procedure                                                                                                | Section | Control item                                                                                                   | Purposes                                                           |
|----|--------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| 1. | After connecting the turn signal lamp switch connector, secure it to the bracket of the instrument panel retainer. | A       | Ensure that the connector is secured to the bracket positively.                                                | To prevent the connector from interfering with the retainer flange |
| 2. | Positively clamp the lead wire at the turn signal lamp switch side by means of the steering post clamp.            | B       | Ensure that the clamp is secured positively.                                                                   | To prevent the lead wire from interfering with the retainer flange |
| 3. | Route the harness leading to the ignition switch in front of the turn signal lamp switch lead wire.                | C       | Ensure that the harness leading to the ignition switch is routed in front of the turn signal lamp switch wire. | To prevent the harness from interfering with the retainer flange   |

WFE90-HW062

### Section: Related to right cowl side Application: All vehicles

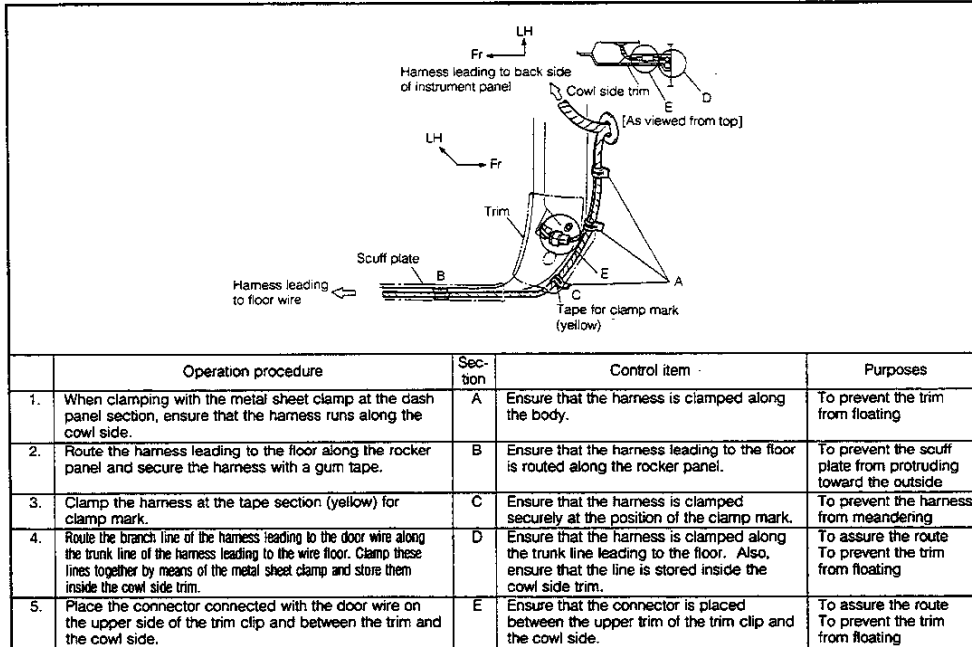
The image contains two side-by-side diagrams of a vehicle's interior dashboard area, viewed from above. Both diagrams show a steering wheel, a dashboard, and a seat. A harness is shown running from the seat area towards the dashboard. Labels include 'RH' (Right Hand) and 'Fr' (Front) with arrows pointing in those directions. A label 'Harness leading to back side of instrument panel' points to the harness line. A label 'Cowl side trim' points to the trim piece on the dashboard. A label 'As viewed from top' is centered between the two diagrams. The left diagram is labeled 'L.H.D. vehicle' and the right diagram is labeled 'R.H.D. vehicle'.

|    | Operation procedure                                                                                                                                                | Section | Control item                                                                                                                                                                                                                    | Purposes                                                           |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| 1. | L.H.D. vehicle: Route the branch line of the harness leading to the door between the dash panel attaching bracket of the EFI ECU and the dash panel.               | A       | Ensure that the branch lines of the harnesses leading to the door and leading to the ASB ECU are placed between the ECU bracket and the dash panel. Ensure that the harness is not caught-in by the attaching bolt and bracket. | To assure the route                                                |
| 2. | L.H.D. vehicle: When tightening the ECU attaching bracket, be careful not to allow the harness to be caught-in.                                                    |         |                                                                                                                                                                                                                                 | To assure the function                                             |
| 3. | R.H.D. vehicle: Ensure that the branch line of the harness leading to the door is not protruded from the edge surface of the relay block toward the interior side. | B       | Ensure that the branch lines of the harnesses leading to the door and leading to the ASB ECU are placed at the inside of the edge surface of the relay block. Also, ensure that the branch lines run along the cowl side.       | To prevent the harness from interfering with the accelerator pedal |
| 4. | Place the connector connected with the door wire between the upper trim of the trim clip and the cowl side.                                                        | C       | Ensure that the connector is placed between the upper trim of the trim clip and the cowl side.                                                                                                                                  | To assure the route<br>To prevent the trim from floating           |

WFE90-HW063

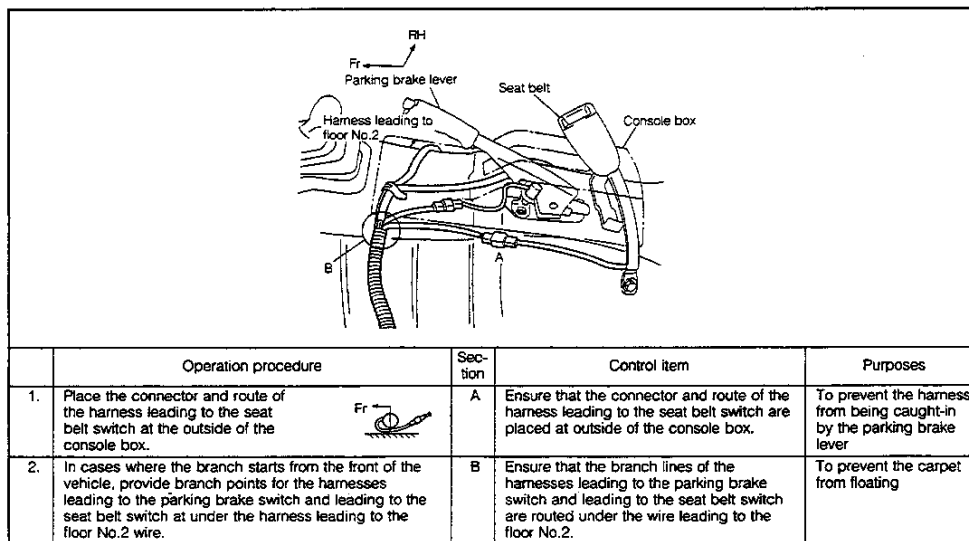
## HARNESS & WIRING DIAGRAM

### Section: Harness leading to cowl side floor Application: All vehicles



WFE90-HW064

### Section: Related to console Application: Seat belt caution-equipped vehicles



WFE90-HW065

## HARNESS & WIRING DIAGRAM

### Section: Related to floor Application: All vehicles

| Operation procedure                                                                                                                                                                                                                                                                 | Section | Control item                                                                                                                                                               | Purposes                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 1. Positively clamp the harness at the floor side with the harness assembling clamp so that the harness may not interfere with the body mount. (Fig. 1)                                                                                                                             | A       | Ensure that the harness runs along the floor side surface. Also, ensure that the harness is routed at the lower surface of the floor side at the assembling clamp section. | To prevent the harness from interfering with the body mount                                                          |
| 2. Positively secure the screw retaining clamp at a point where the harness runs at outside of the vehicle.                                                                                                                                                                         | B       | Ensure that the harness is routed at the outside of the vehicle against the top of the screw.                                                                              | Measures against heat damage from the muffler To prevent the harness from interfering with the heat insulator        |
| 3. Set the floor pass-through grommet at the L.H. side of the vehicle in such a direction that the harness runs along the frame side. (As viewed from arrow A) (Install the grommet so that the white line for installation instruction may come at the front side of the vehicle.) | C       | Ensure that the white line for installation instruction is parallel with the floor side and that it comes at the front side of the vehicle. (A)                            | To prevent the harness from interfering with the body mount To prevent the metal sheet clamp from being detached (A) |
| 4. Install the metal sheet clamp, wrapping the edge of the clamp.                                                                                                                                                                                                                   | D       | Ensure that the edge of the clamp is wrapped.                                                                                                                              | To prevent the clamp from being detached and sagging                                                                 |

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### Section: Related to back door Application: All vehicles

| Operation procedure                                                                                                                  | Section | Control item                                       | Purposes                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------|---------|----------------------------------------------------|----------------------------------------------------------------------------------------------|
| 1. Secure the connectors of the license plate lamp, rear wiper and lock motor to the back side of the instrument panel.              | A       | Ensure that the connectors are secured positively. | To prevent abnormal noise and interference                                                   |
| 2. Connect the defogger (-) line so that the staked section of the harness may tilt 45 degrees from the front/inside of the vehicle. | B       | Ensure that the angle is within 45 degrees.        | To prevent the harness from being caught-in between the rear window seal rubber and the body |
| 3. Secure the wire leading to the defogger with a band clamp.                                                                        | C       | Ensure that the harness is clamped securely.       | To prevent the harness from interfering with the door lock parts                             |

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## HARNESS & WIRING DIAGRAM

**Section:** Harness leading to three-stage controller (L.H. wheel house) **Application:** Three-stage-equipped vehicles

