

DAIHATSU
F70,F75,F77

**Service
manual**

HARNESS & WIRING DIAGRAM

HW

DAIHATSU MOTOR CO., LTD.

NO.9703-FE

DAIHATSU

F70, F75, F77

HARNESS & WIRING DIAGRAM

GENERAL HANDLING

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WRE91-HW001

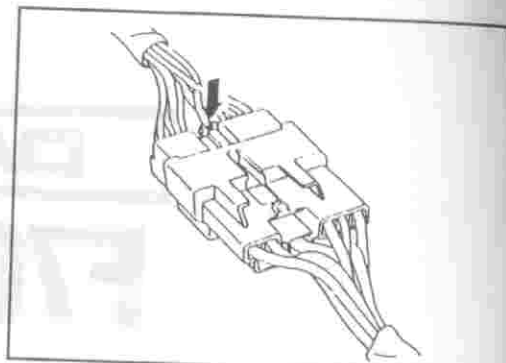
HARNESS & WIRING DIAGRAM

GENERAL HANDLING INSTRUCTIONS

HANDLING AND INSPECTION

REMOVAL

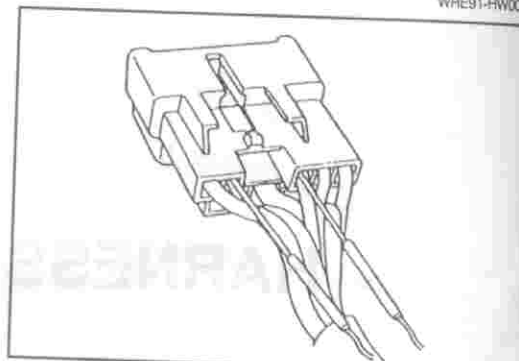
To disconnect the connector, simply pull out the connector while the lock lever is being pressed down, as indicated in the right figure.



WRE91-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.

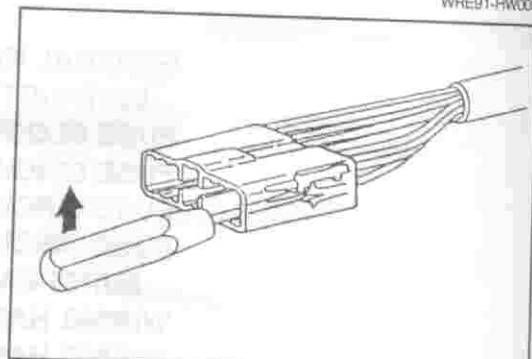


WRE91-HW003

REPLACEMENT

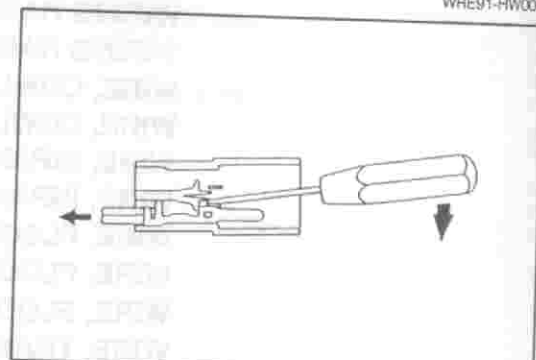
REMOVAL

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



WRE91-HW004

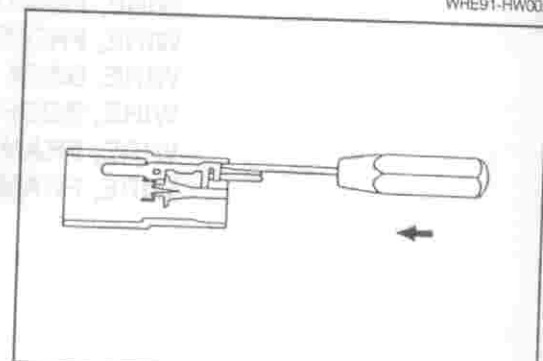
- (2) While the locking lug is being pried upward by means of a screwdriver, pull out the terminal from the backside.



WRE91-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.



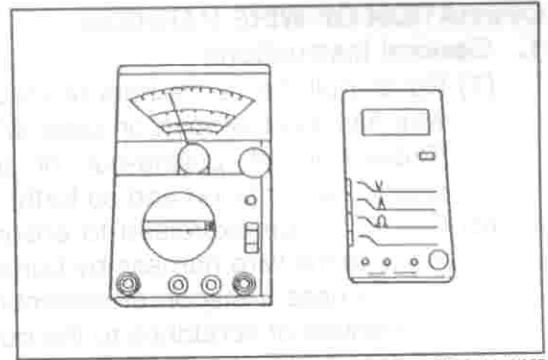
WRE91-HW006

INSPECTION

Tester (Volt/ohmmeter)

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

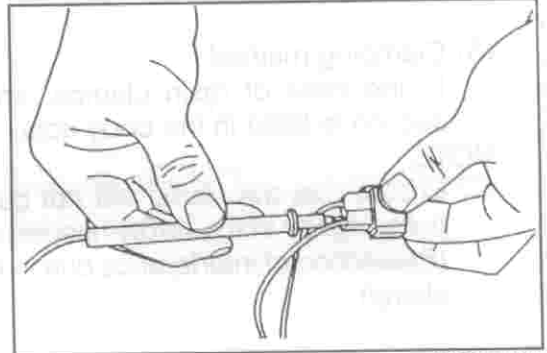
Use of a tester with a low internal resistance may cause wrong measurement or secondary troubles.



WRE91-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.



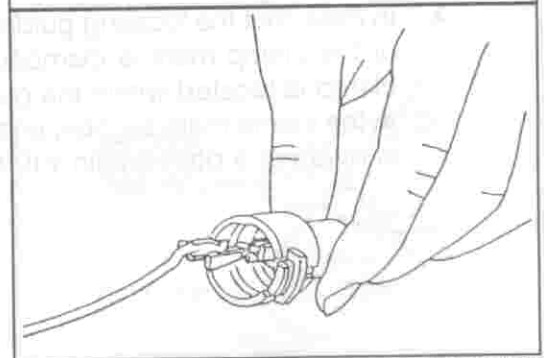
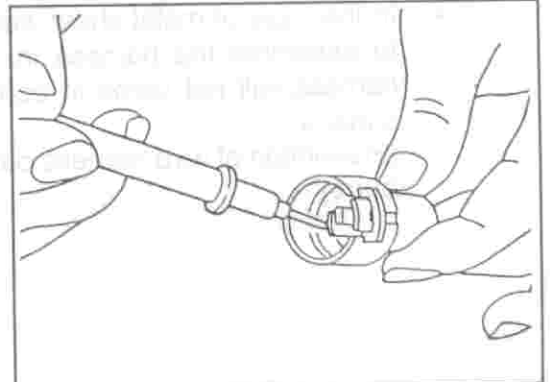
WRE91-HW008

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.



WRE91-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.

WRE91-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.

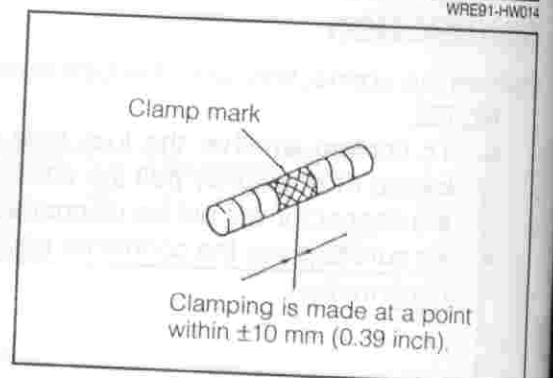
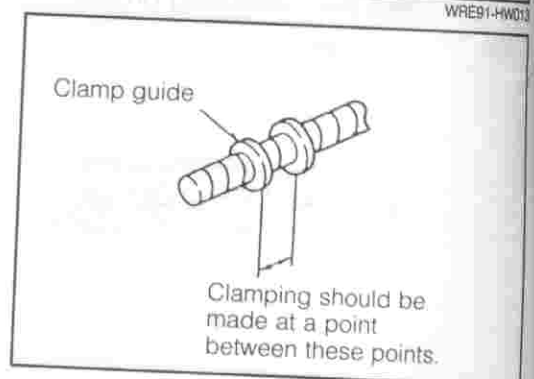
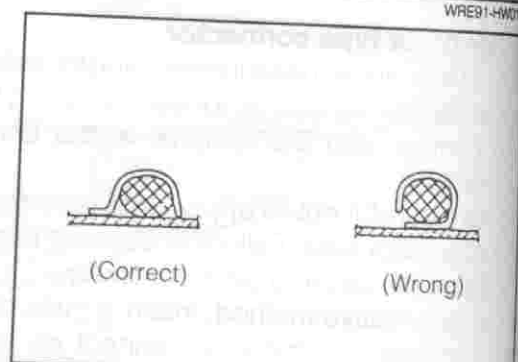
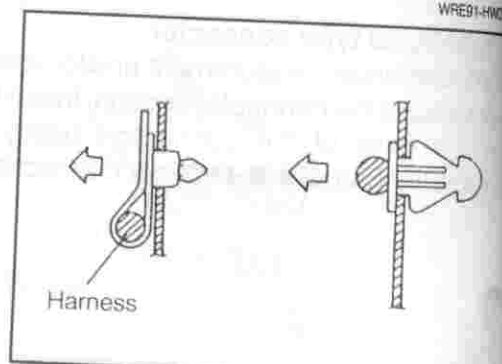
NOTE:

- 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 ± 10 mm (0.39 inch).

(Prevention of slackness or interference)

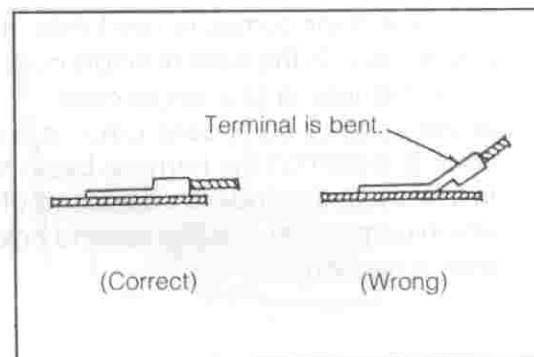


(4) Terminals and connectors

- 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.

WRE91-HW016

- 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.



WRE91-HW017

WRE91-HW018

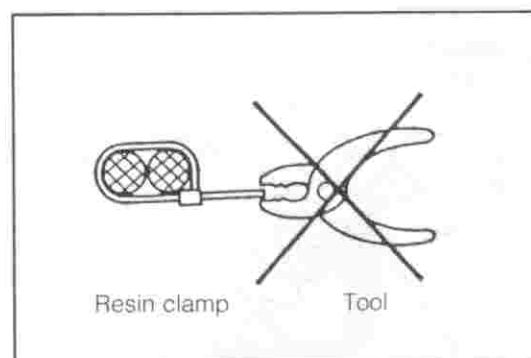
2. Work procedure for tightening-up type resin clamps

<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



WRE91-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.

WRE91-HW020

HARNESS & WIRING DIAGRAM

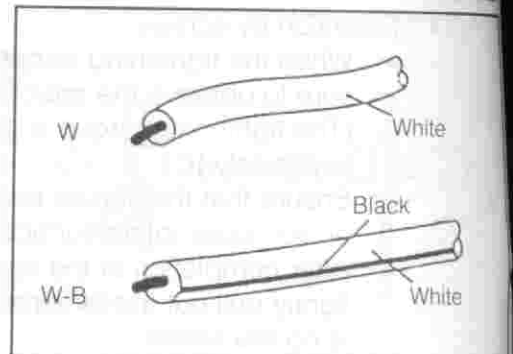
Wiring color code

- 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

WRE91-HW02

- 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.



WRE91-HW02

FUSE BLOCK & FUSIBLE LINK

Installing position

The fuse block is located at the cowl side of the driver's side. Blade type fuses have been employed.

A sub-fuse block is installed below the instrument panel at the driver's seat side.

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:

- (1) 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.
- (2) 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."

FUSIBLE LINK BLOCK

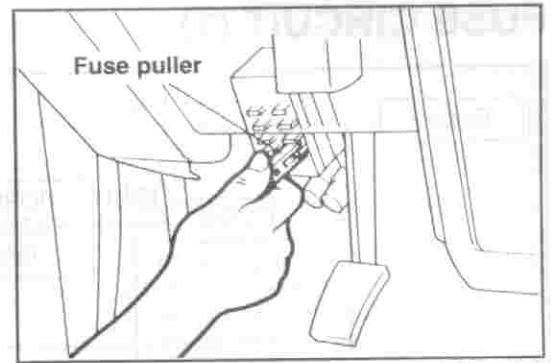
If the fusible link is blown out repeatedly, the likelihood is that there exists a short in the relevant system. Hence, perform checks for possible systems, referring to the wiring diagram.

Replacement

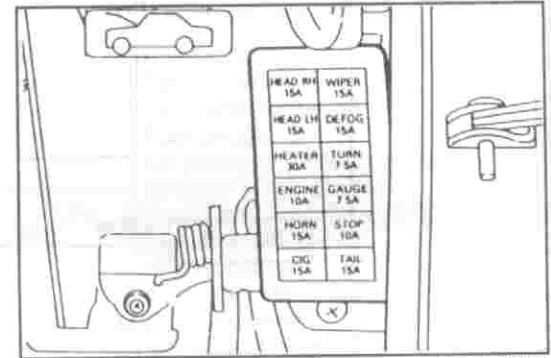
1. If visual inspection reveals that the fusible link is blown out, replace it with a new fusible link with the designated rating.

NOTE:

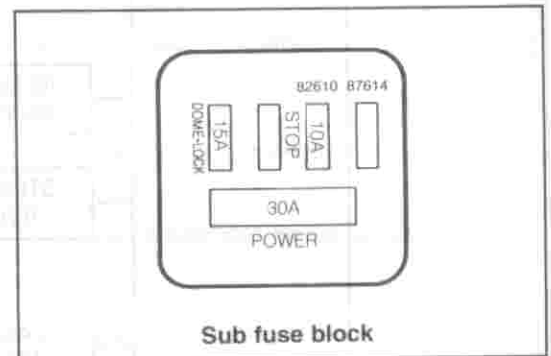
1. Before the fusible link is replaced, be sure to turn OFF the ignition key.
2. Care must be exercised to ensure that the fusible link is not twisted during the removal/installation. If the fusible link is replaced forcibly, it will cause breakage or poor contact.



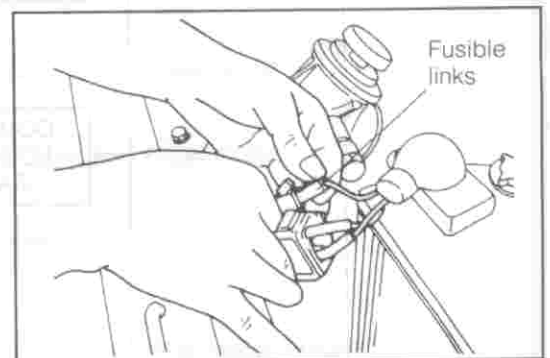
WRE91-HW023



WRE91-HW024



WRE91-HW025

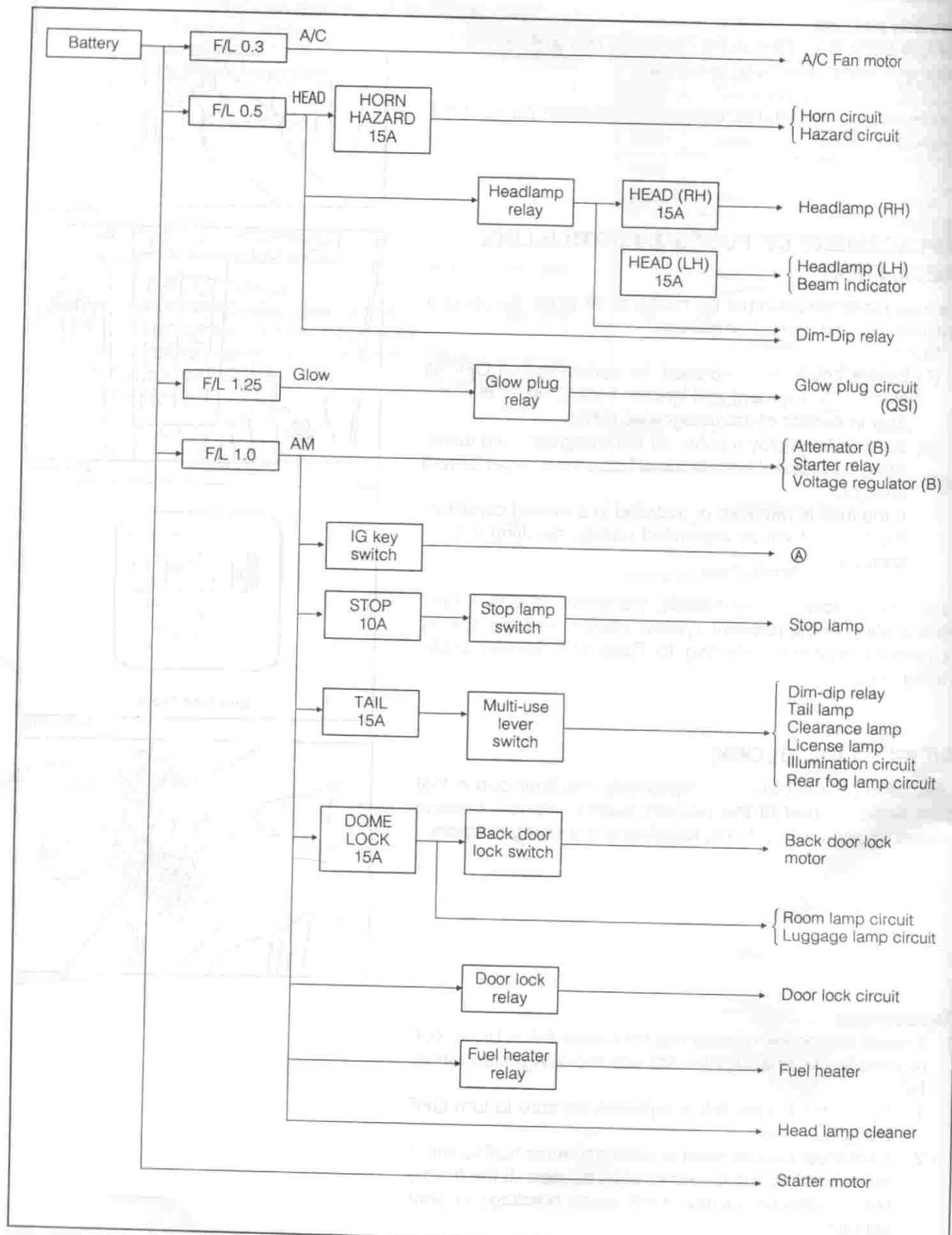


WRE91-HW026

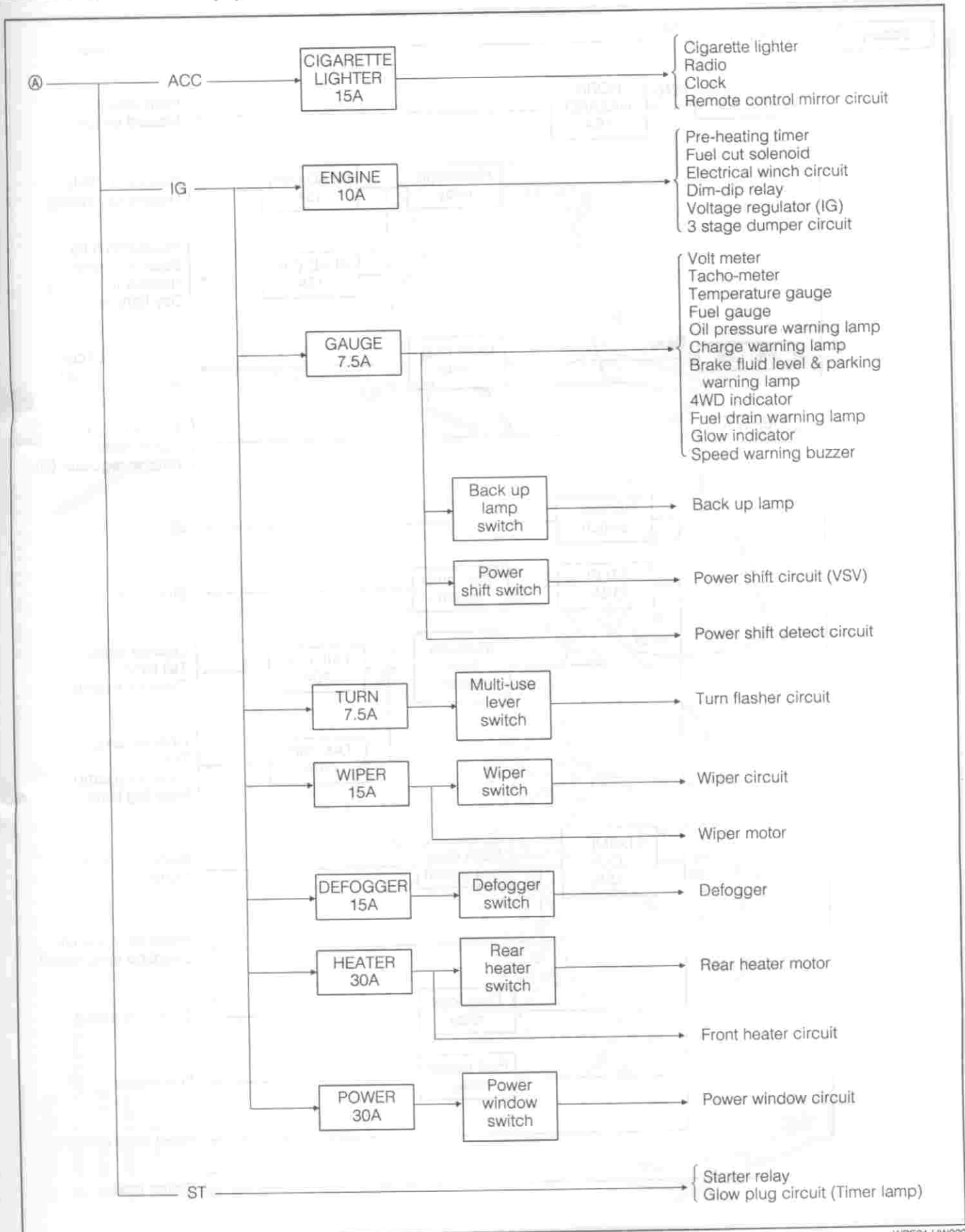
WRE91-HW027

HARNESS & WIRING DIAGRAM

FUSE CIRCUIT (1)



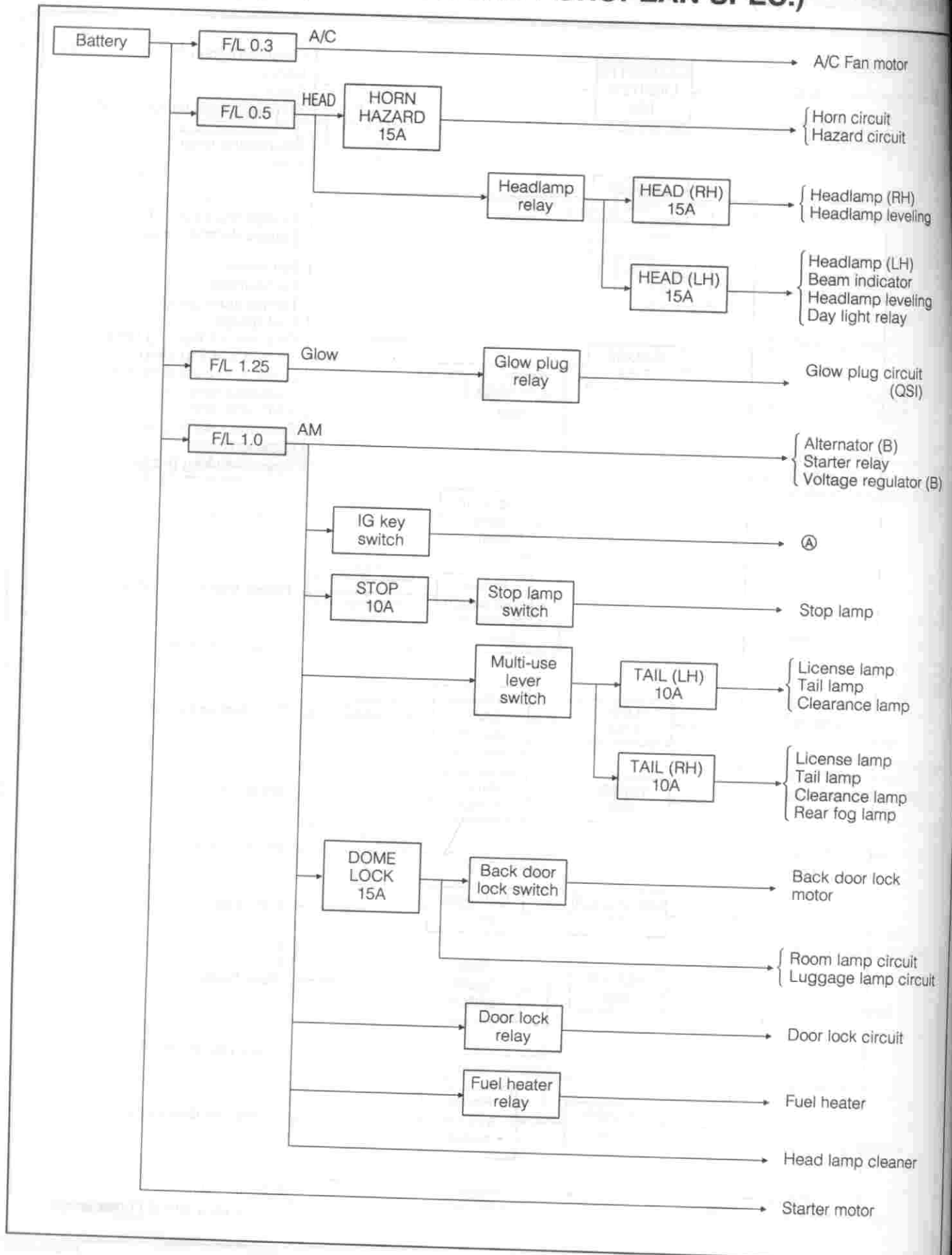
FUSE CIRCUIT (2)



WRE91-HW029

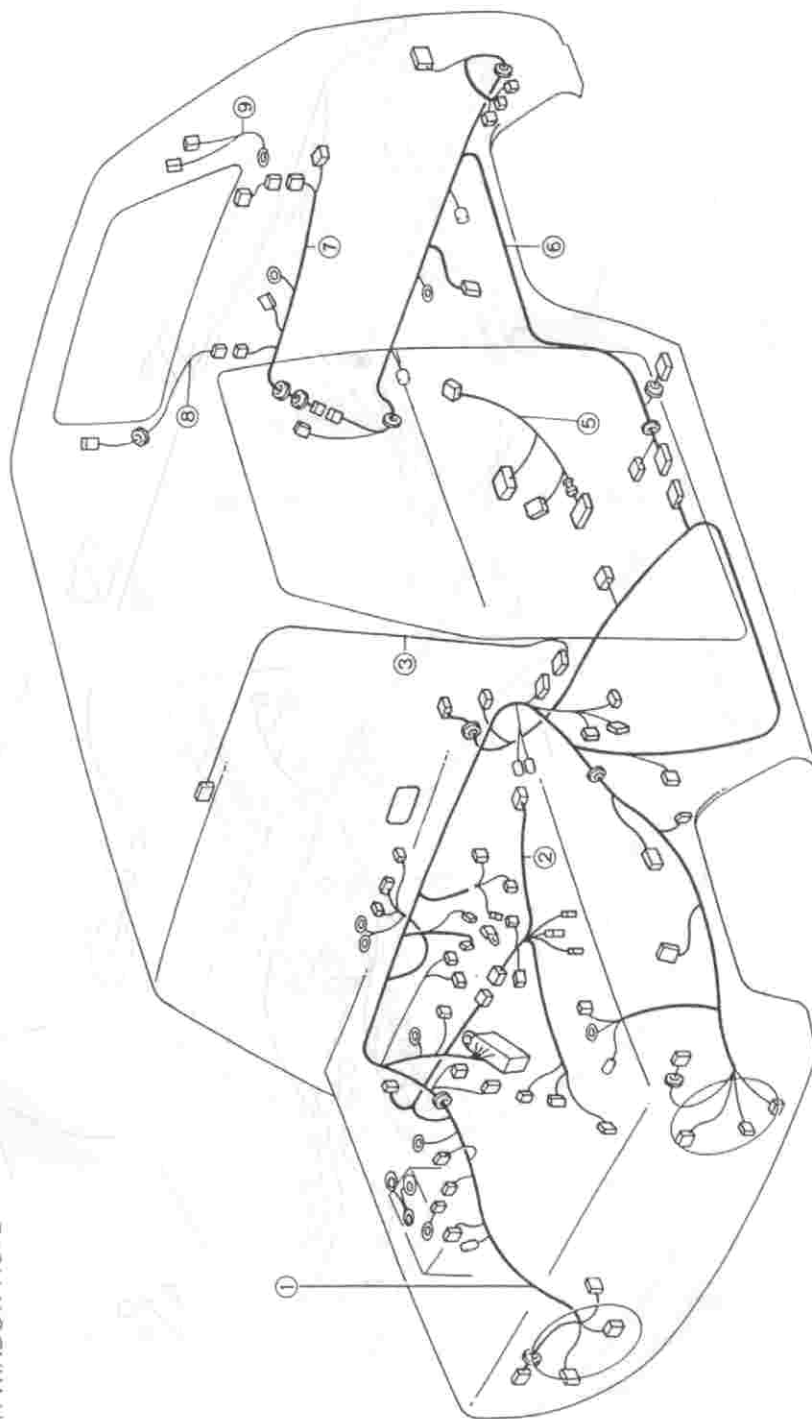
HARNESS & WIRING DIAGRAM

FUSE CIRCUIT (3) (ONLY FOR LHD EUROPEAN SPEC.)



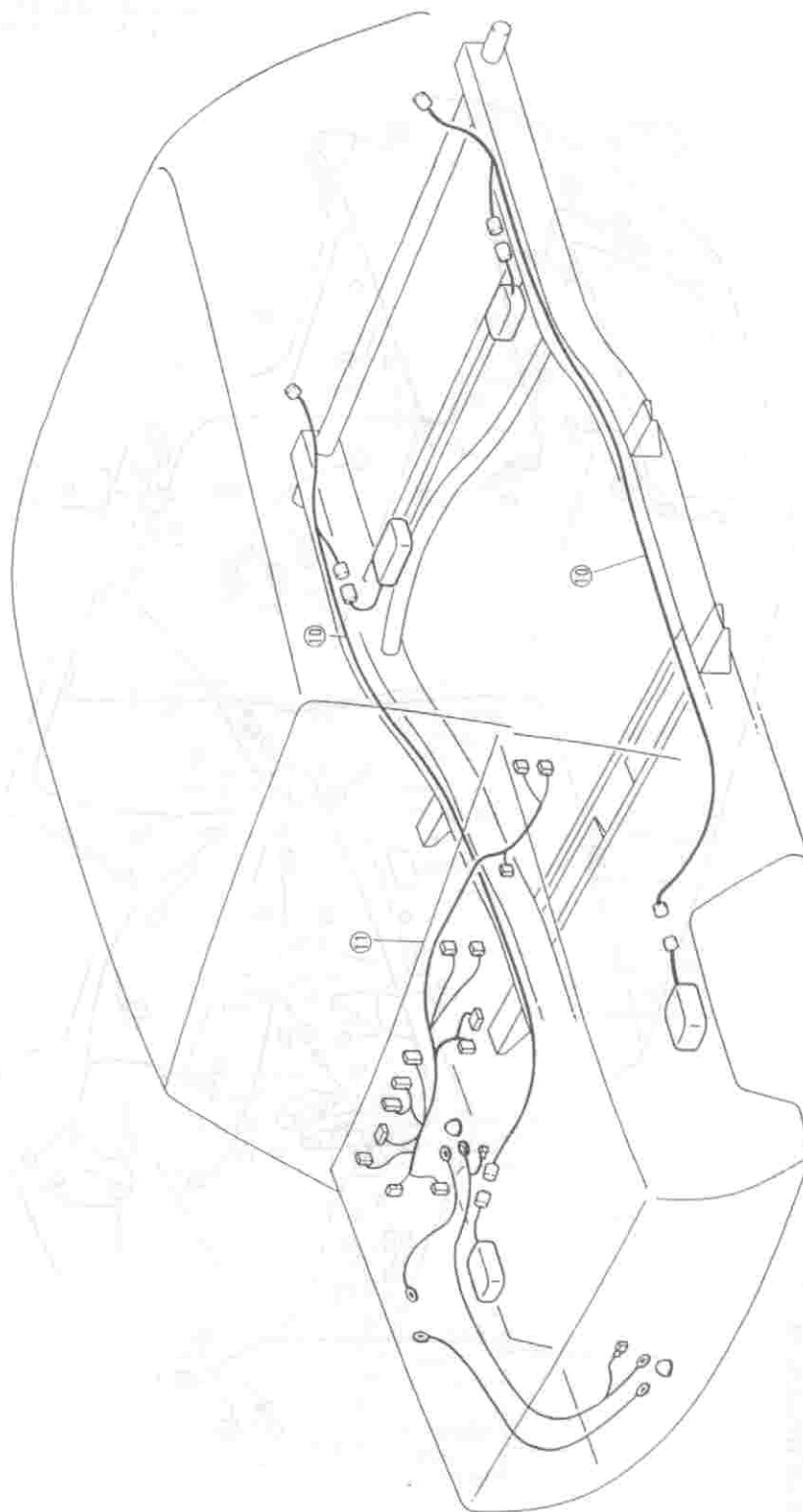
WIRING HARNESS (1)

- ① WIRE COWL
- ② WIRE TRANSMISSION
- ③ WIRE ROOF
- ⑤ WIRE FRONT DOOR
- ⑥ WIRE FLOOR
- ⑦ WIRE BACK DOOR NO. 1
- ⑧ WIRE REAR WINDOW NO. 1
- ⑨ WIRE REAR WINDOW NO. 2



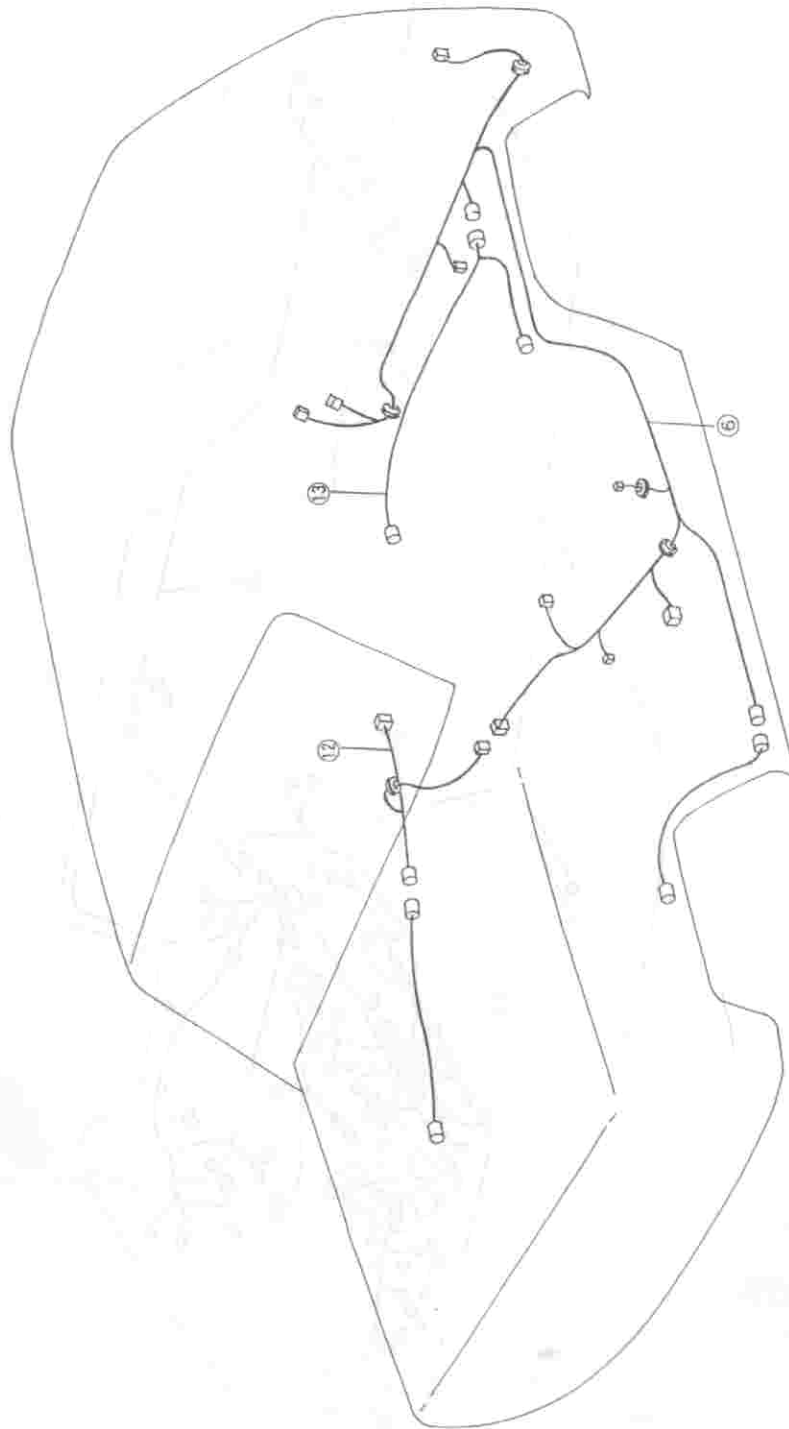
HARNESS & WIRING DIAGRAM

WIRING HARNESS (2)



13 WIRE FRAME
14 WIRE HARNESS (2)

WIRING HARNESS (3)



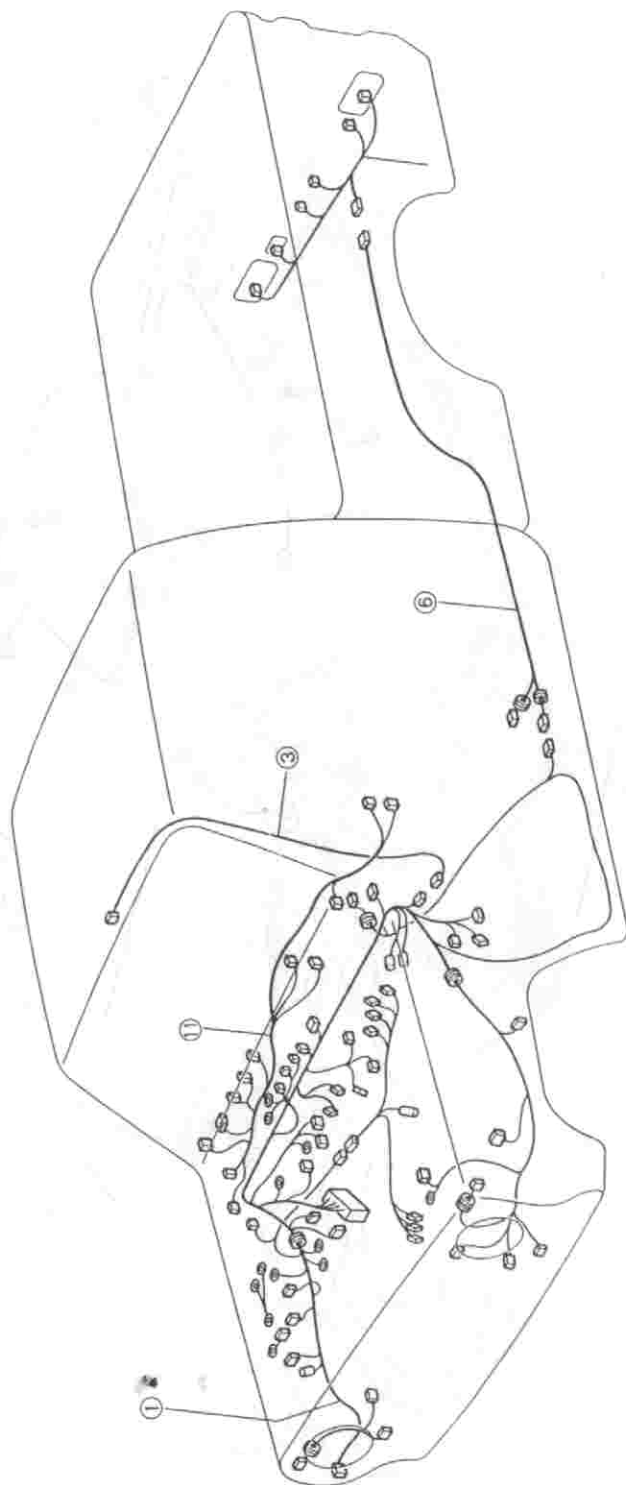
- ⑥ WIRE FLOOR
- ⑫ WIRE FLOOR NO. 2
- ⑬ WIRE FRAME NO. 2

HARNESS & WIRING DIAGRAM

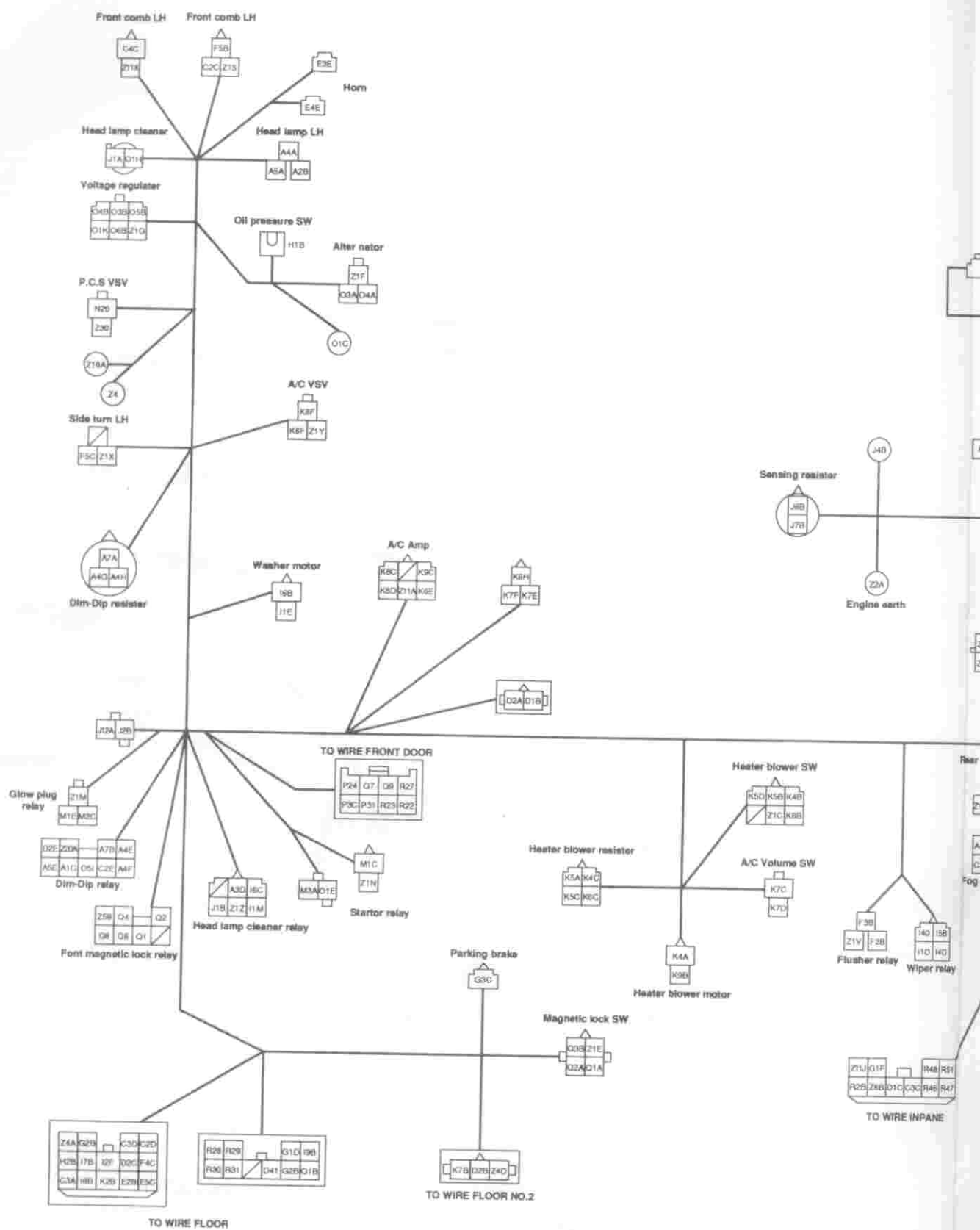
WIRING HARNESS (4)

(C) 2004 GM Corp.

- ① WIRE COWL
- ③ WIRE ROOF
- ⑥ WIRE FLOOR
- ⑪ WIRE INSTRUMENT PANEL

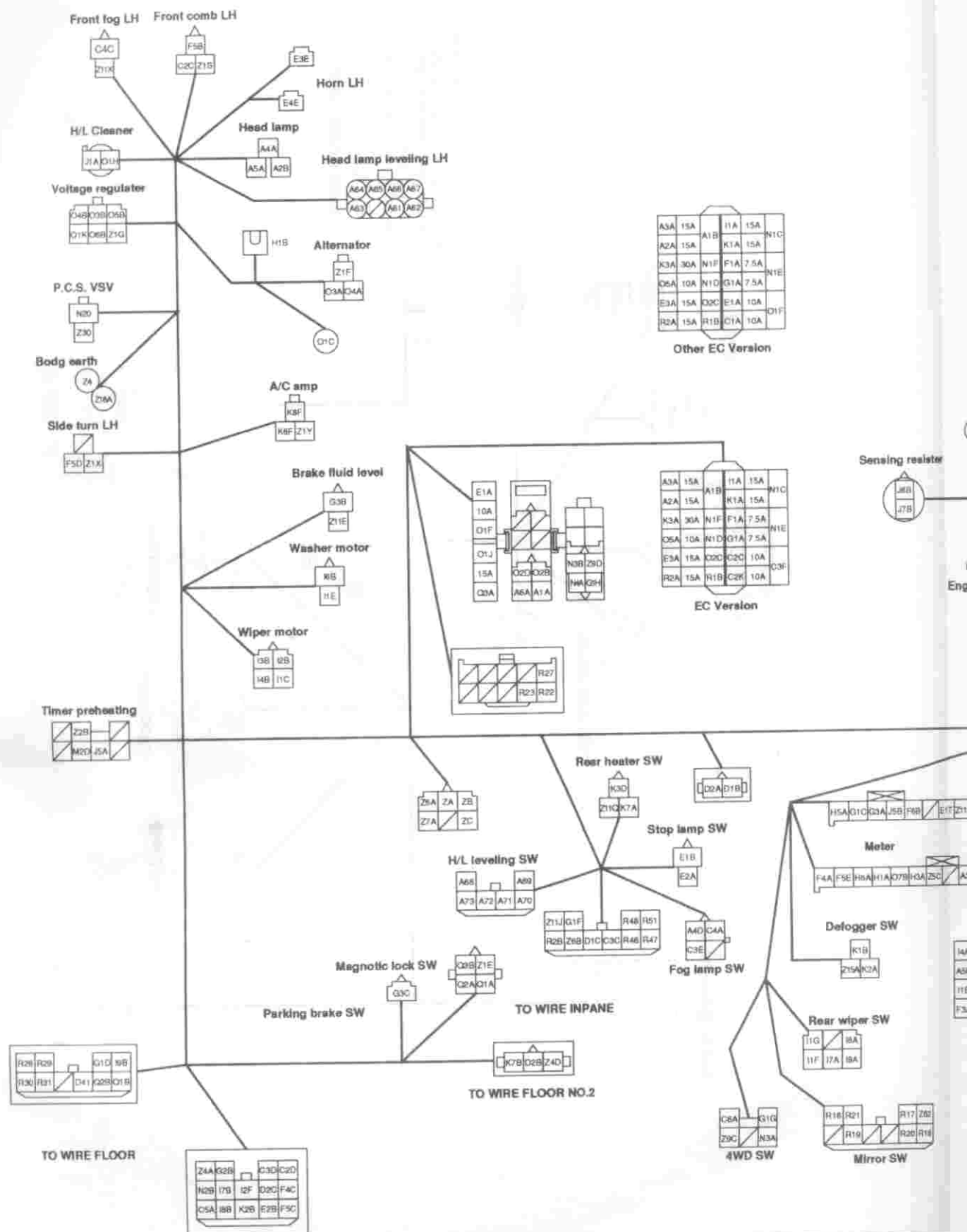


WIRE, COWL (RHD)





WIRE, COWL/LHD



NIC
WIE
OFF

n

NIC
WIE
CY

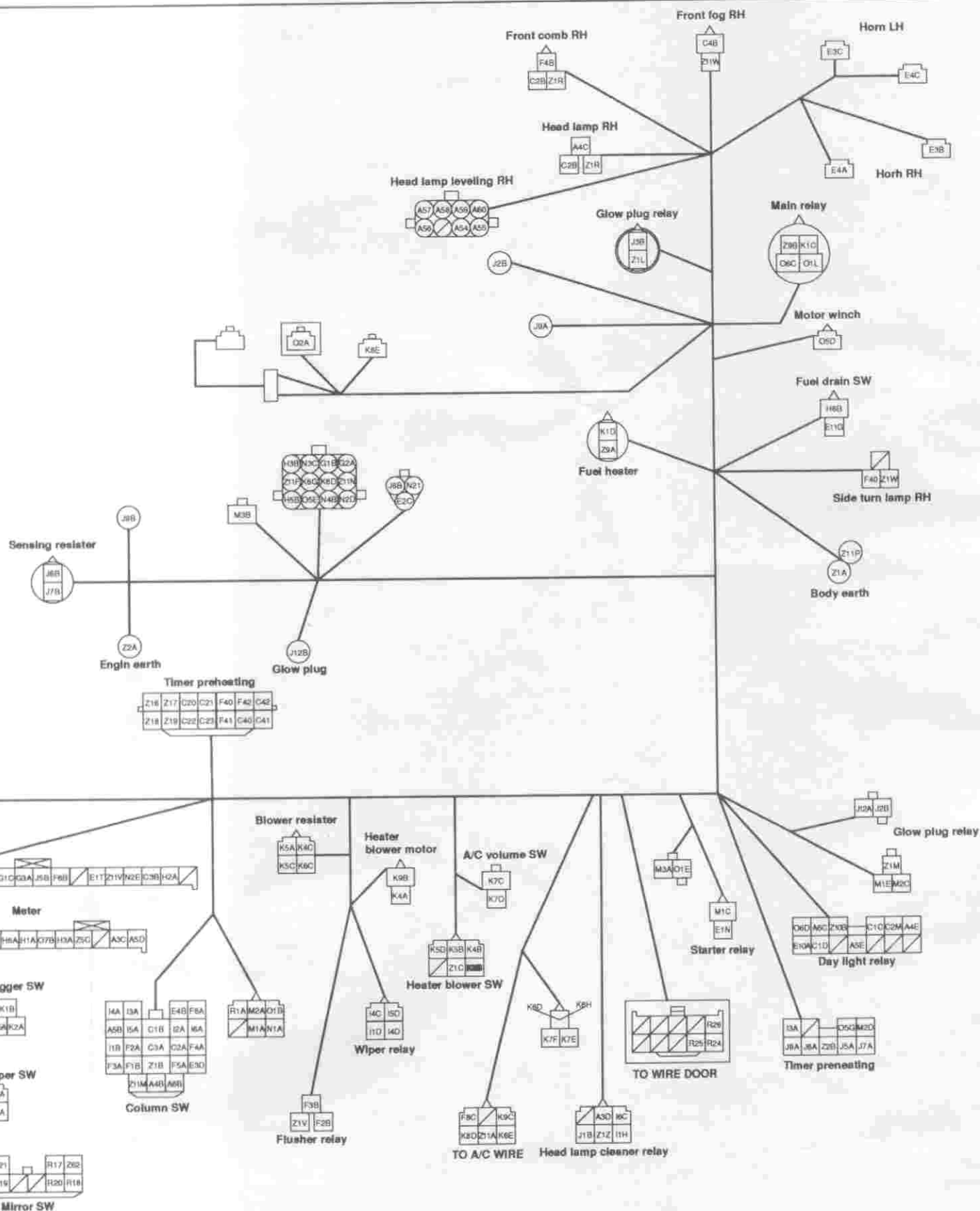
N
N

N

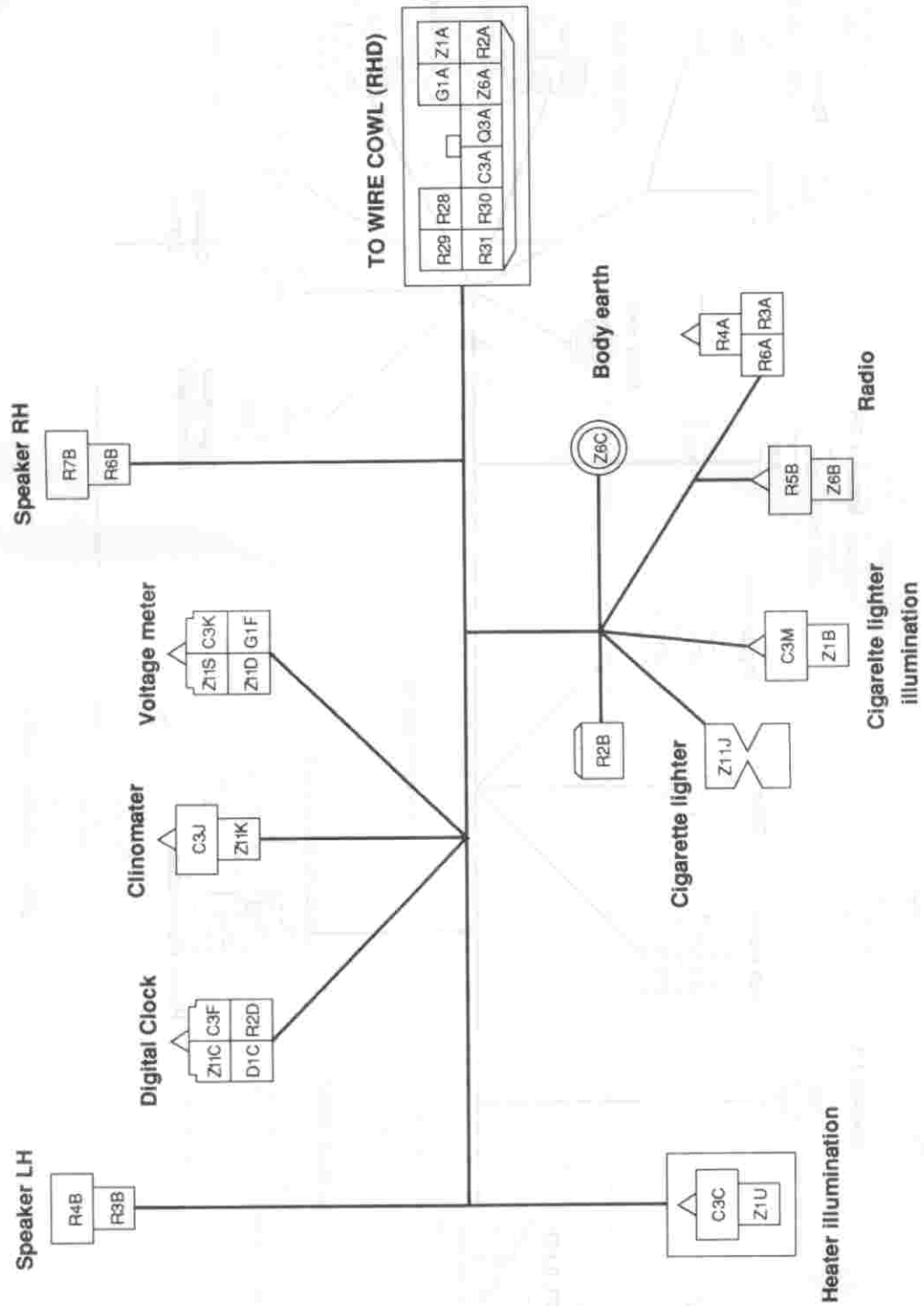
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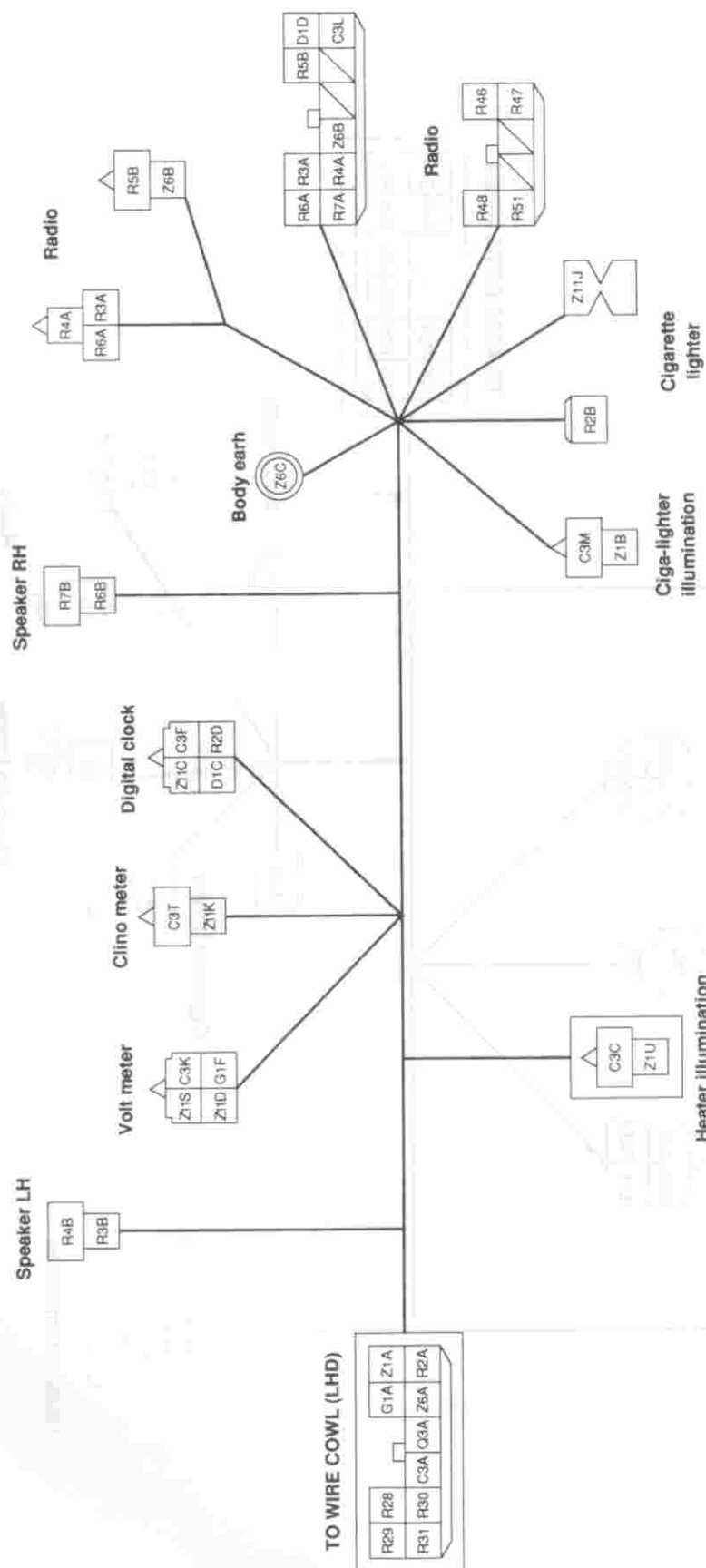
N

N

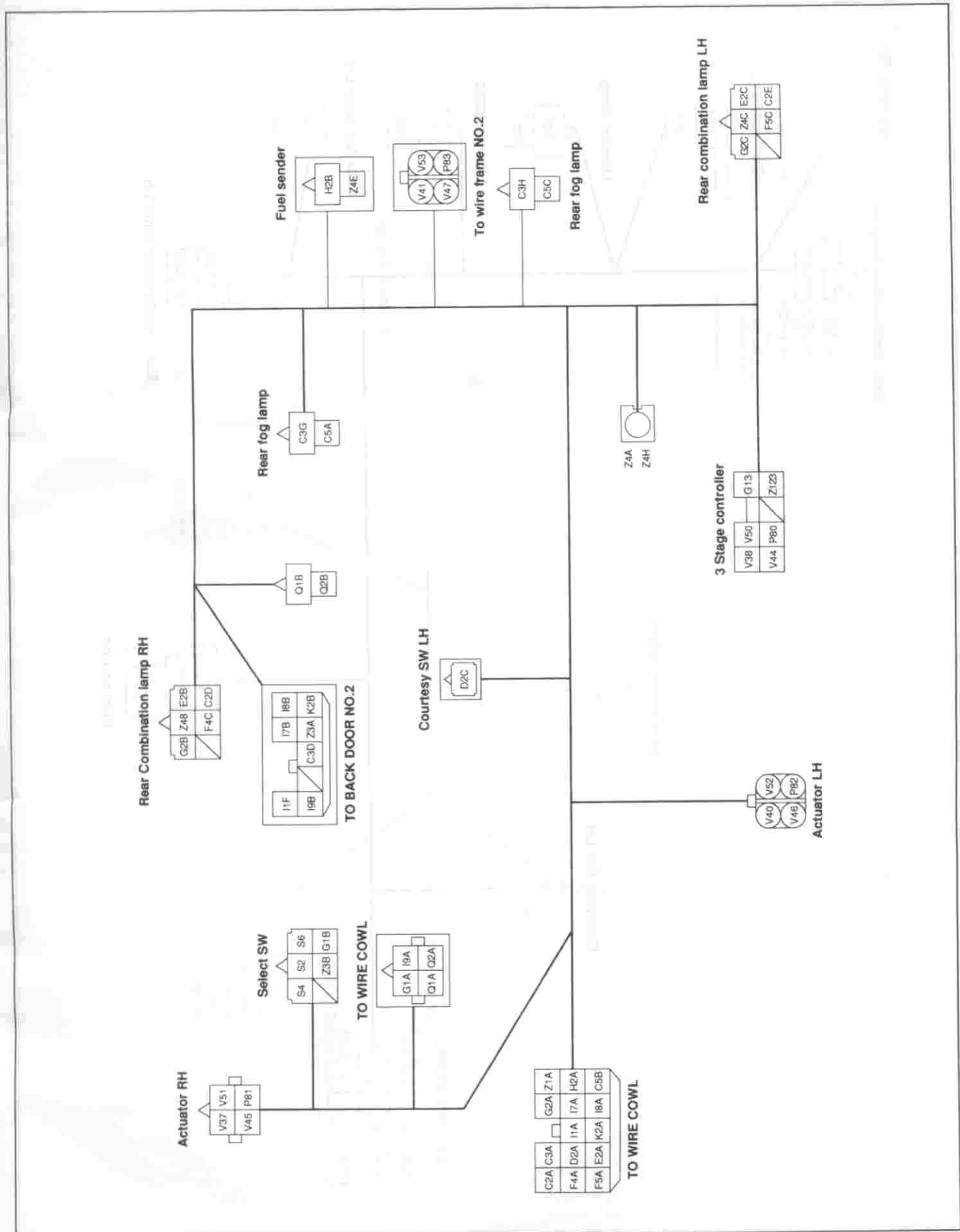


WIRE, INPANE (RHD)



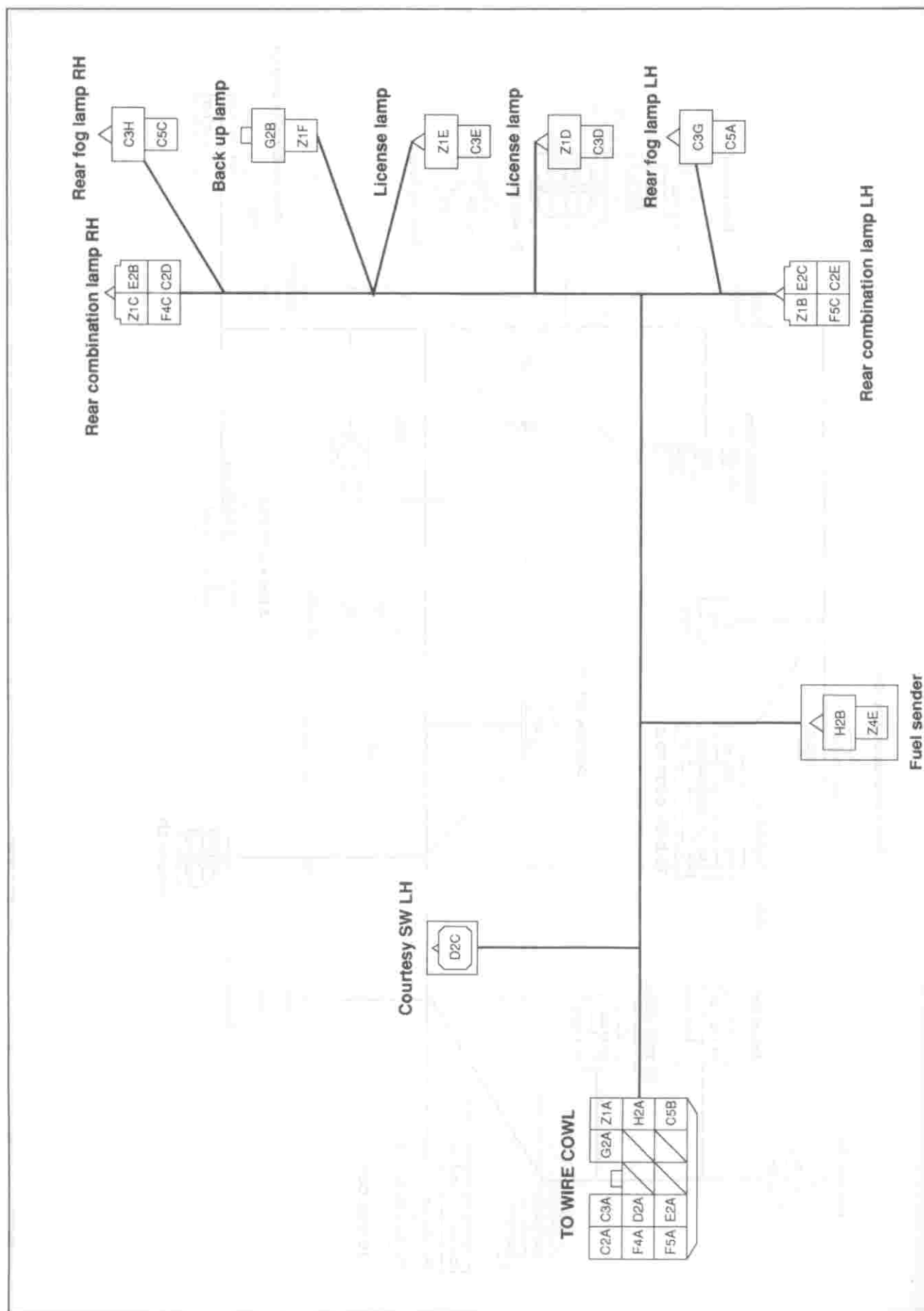


WIRE, FLOOR (F70, F75)

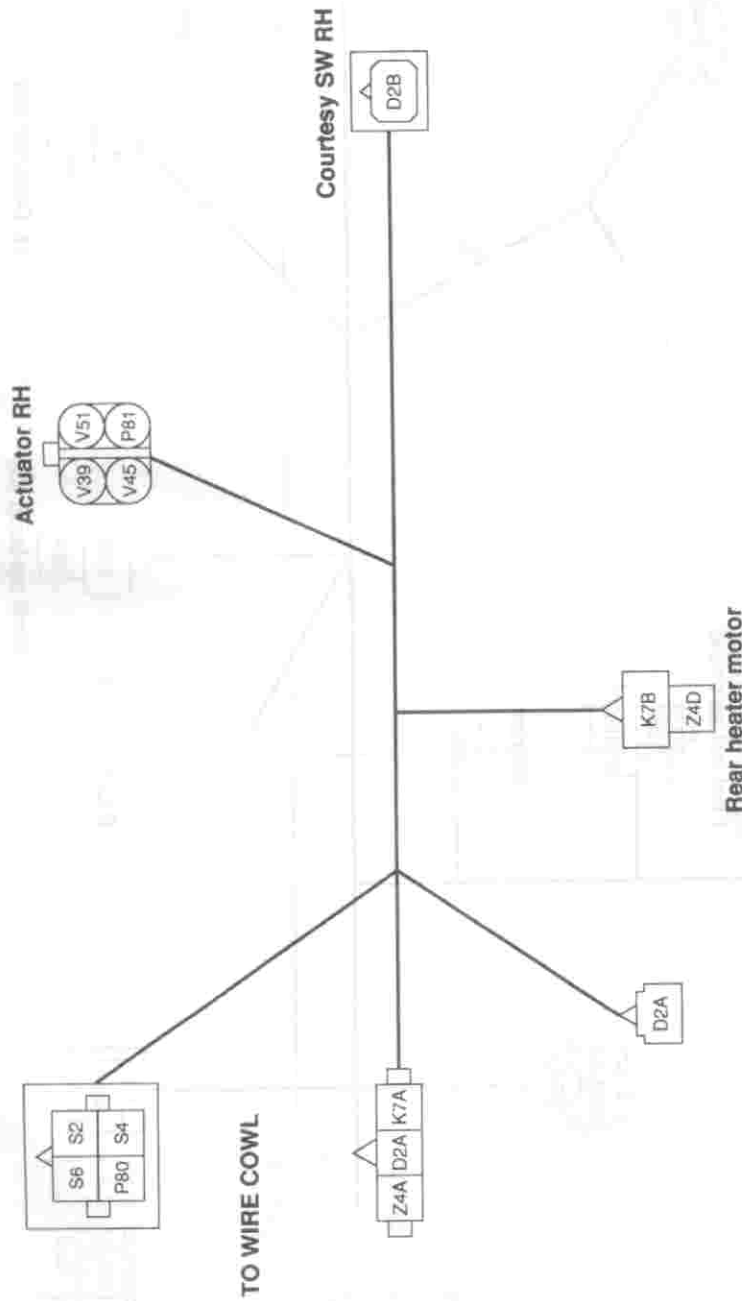


HARNESS & WIRING DIAGRAM

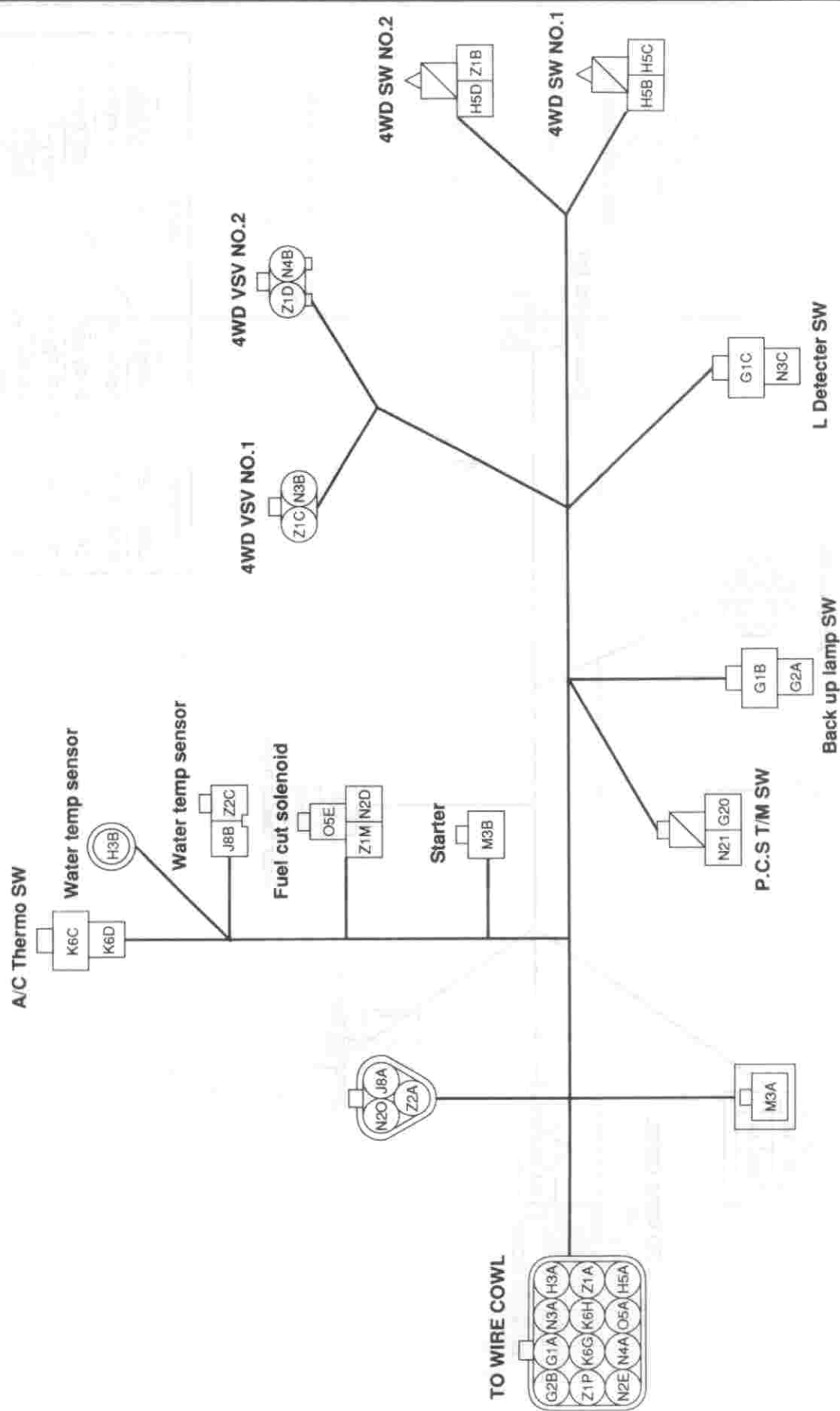
WIRE, FLOOR (F77)



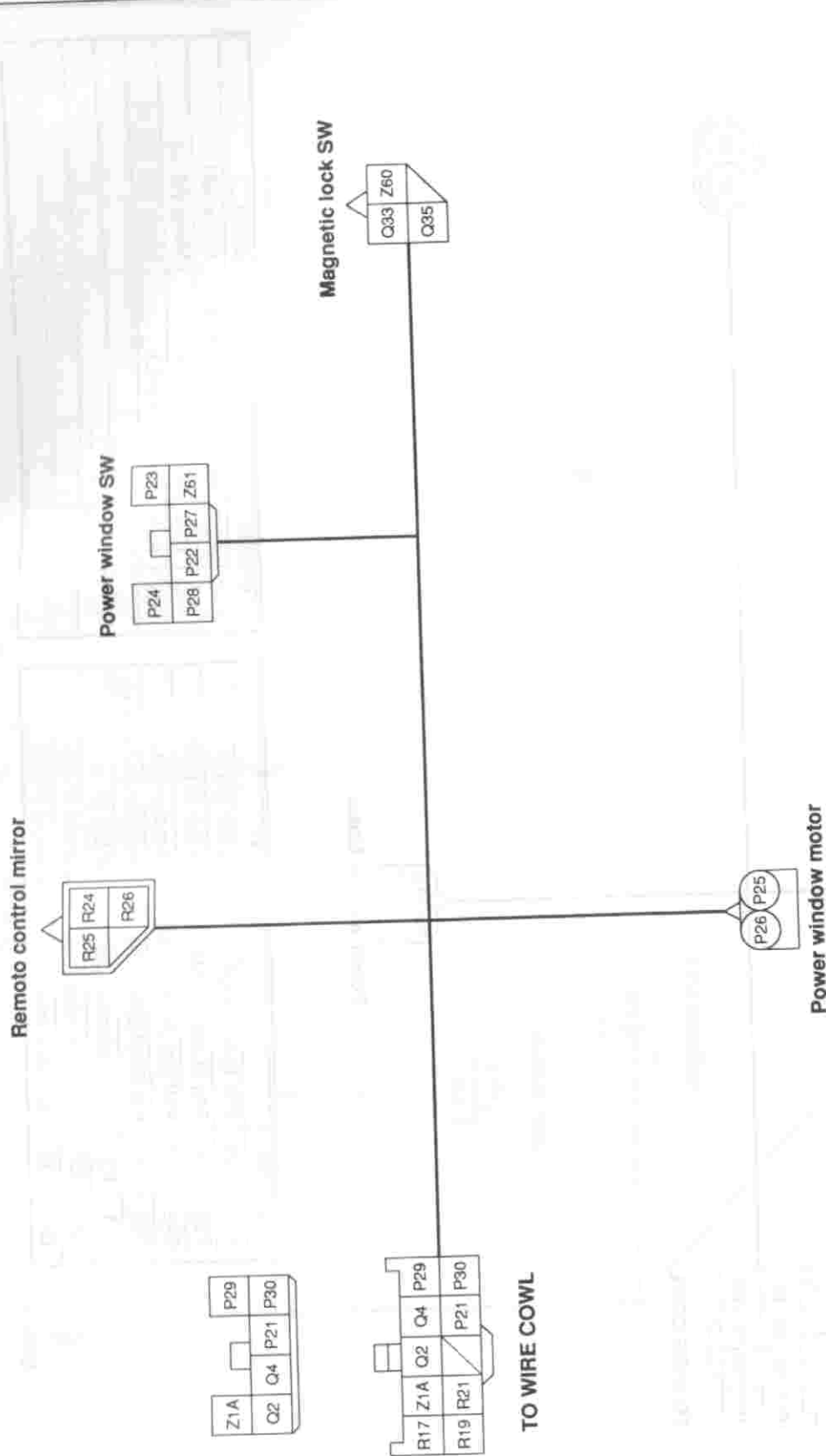
WIRE, FLOOR No. 2



Terminal	Connection
D2A	Door SW RH (+)
D2B	Room lamp (-)
K7B	Rear heater relay (L)
Z4A	Rear heater motor (+)
Z4D	Rear heater motor (-)
P81	Rear body earth
P80	ACT. FR. RH (+)
V51	Controller (+)
S6	Select SW (S)
S2	Select SW (N)
V39	ACT. FR. RH (N)
V45	ACT. FR. RH (H)



WIRE, FRONT DOOR (RH)

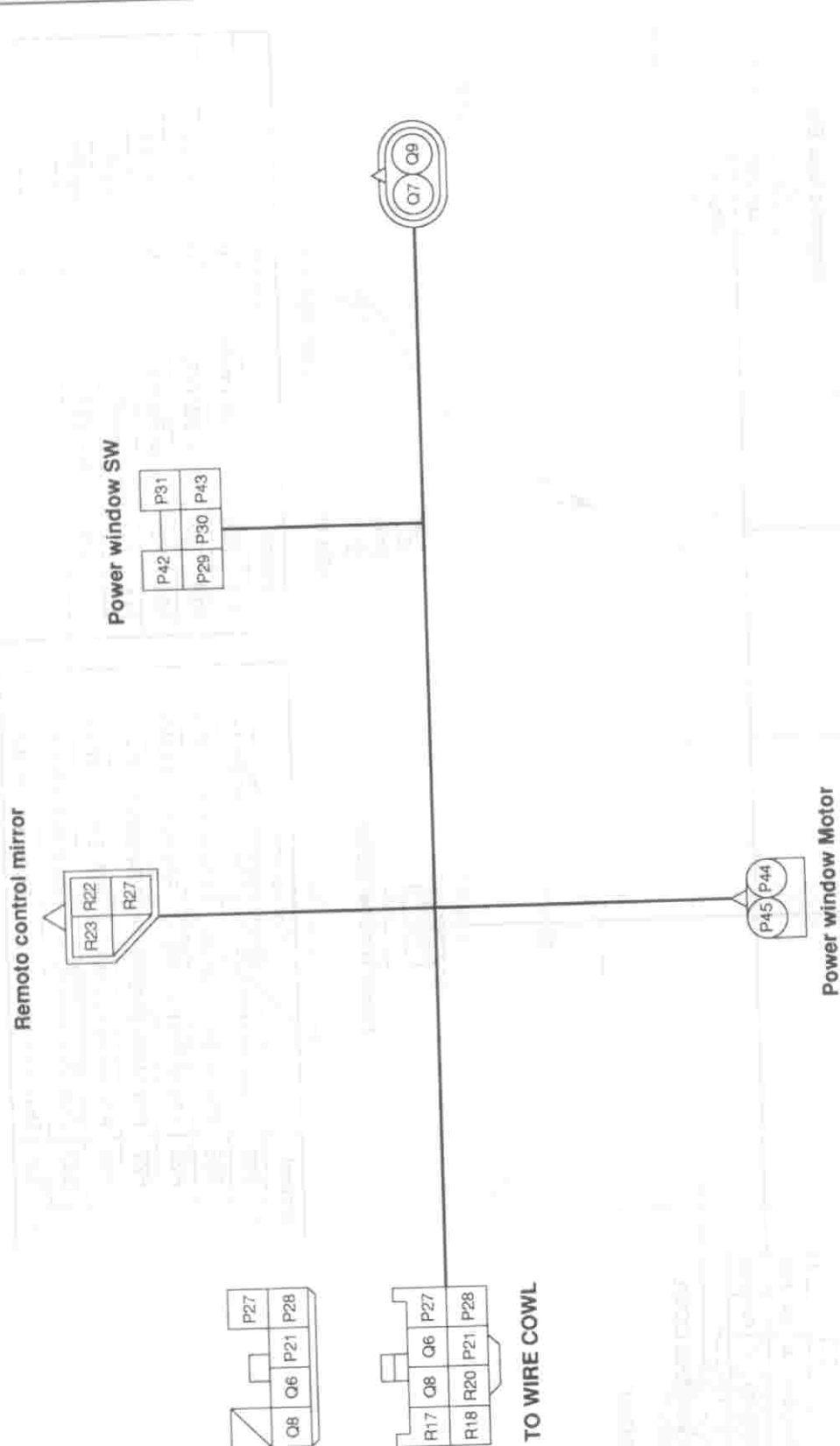


Terminal	Connection
R17	Mirror SW (motor -)
R19	Mirror SW (VR)
R21	Mirror SW (HR)
Z1A	Body earth
Z60	Z1A ~ Z61
	Door lock SW (-)

Terminal	Connection
P21	Power window C/B (+)
P22	P/W master SW (+)
P23	P/W M-SW (D-UP +)
P24	P/W M-SW (D-DWN +)
P25	P/W M-SW (P-UP +)
P26	P/W M-SW (D-DWN +)
P27	Door lock relay (Un)
P28	Door lock relay (Lk)
Q2	Door lock relay (Un)
Q4	Door lock relay (Lk)

HARNESS & WIRING DIAGRAM

WIRE, FRONT DOOR (LH)



Terminal	Connection
R17	Mirror SW (motor -)
R18	Mirror SW (VL)
R20	Mirror SW (HL)
R23	Mirror SW (LH +)
R27	Mirror (LH -)
R22	Mirror (VL +)
R23	Mirror SW (LH +)

Terminal	Connection
P29	P/W M-SW (P-UP +)
P30	P/W M-SW (P-DWN +)
P42	P/W SW (P-UP (+) M)
P43	P/W SW (P-DWN (+) M)
P21	Power window C/B (-)
Q6	Door lock relay (Lk)
Q8	Door lock relay (Lk)
Q9	Solenoid (P-Un)
Q9	Solenoid (P-Un)

WIRE, BACK DOOR No. 1



Terminal		Connection	
Q1A	Q1B	Lock SW (Lock)	Lock motor (Lock)
Q2A	Q2B	Lock SW (Unlock)	Lock motor (Unlock)
Z3A	Z4A	Body earth	Body earth
	Z3B	Z3A ~ Z4A	License lamp (-)
	Z1E	Z3A ~ Z4A	Rear washer (-)

Terminal		Connection	
C3A	C3D	Tail & Park SW	License lamp (+)
I1A	I1F	Fuse, wiper 15A	Rear wiper (+)
I7A	I7B	Rear wiper SW (WIP +)	Rear wiper (+1)
I8A	I8B	Rear wiper SW (WAS)	Rear washer (B)
I9A	I9B	Rear wiper SW (WIP) S	Rear wiper (S)
K2A	K2B	Defogger SW (L)	Rear defogger

HARNESS & WIRING DIAGRAM

WIRE, ROOF



Terminal	Connection
E28	Fuse, stop
D3	Room lamp door (-)
D6	Room lamp (+)
	Courtesy SW (RH)

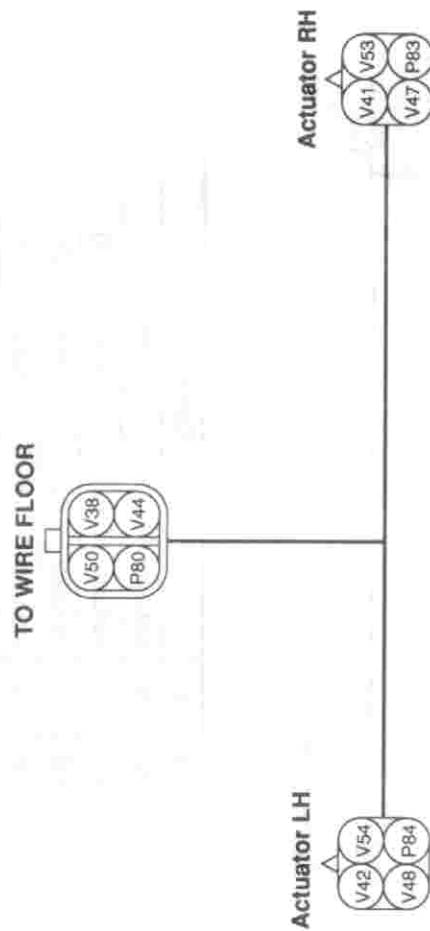
WIRE, FRAME



Terminal	Connection
P81	Actuator FR (+)
V51	Controller (+)
S6	Actuator FR (S)
V39	Select SW (S)
V45	Actuator FR (N)
P80	Select SW (N)
S2	Actuator FR (H)
S4	Select SW (H)

HARNESS & WIRING DIAGRAM

WIRE, FRAME No. 2



Terminal	Connection
V38	Controller (N)
V41	ACT. RR RH (N)
V42	V38 ~ V41
V44	Controller (H)
V47	ACT. RR RH (H)
V48	V44 ~ V47
V50	Controller (S)
V53	ACT. RR RH (S)
V54	V50 ~ V53
P80	Controller (+)
P83	ACT. RR RH (+)
P84	P80 ~ P83
	ACT. RR LH (+)

WIRE, COWL/RHD-(1)

Tarminal		Connection	
A1A	A1B	Headlamp relay (L)	F/B (HEAD)
A1C	A1C	A1A ~ A1B	Dim-Dip relay
A2A	A2B	Fuse, head LH (L)	Headlamp LH (B)
A3A	A3B	Fuse, head RH (L)	Headlamp RH (B)
	A3C	A2A ~ A2B	High beam indi. lamp (+)
	A3D	A3A ~ A3B	Headlamp cleaner relay
A4A	A4B	Headlamp LH (Lo)	Passing SW (Hs)
	A4C	A4A ~ A4B	Headlamp RH (Lo)
	A4G	~ A4E	Dim-Dip resistor
	A4H	A4A ~ A4F	
A5A	A5B	Headlamp LH (Hi)	Passing SW (Hm)
	A5C	A5A ~ A5B	Headlamp RH (Hi)
	A5D	A5A ~ A5B	High beam indi. lamp (-)
	A5E	A5A ~ A5B	Dim-Dip relay (H/L Hi)
A6A	A6B	Headlamp relay coil (-)	Passing SW (H)
	A4D	C3A ~ C3C	Fog lamp SW (+)
	A4E	A4C ~ A4B	Dim-Dip relay RH (Lo)
A4A	A4F	Headlamp LH (Lo)	Dim-Dip relay LH (Lo)
A7A	A7B	Dim-Dip resistor (-)	Dim-Dip relay (resistor)
C1A	C1B	Fuse, tail 15A (L)	Tail lamp SW (TB)
C2E	C2E	C20 ~ C2C	Dim-Dip relay (Tail)
C3A	C3C	Tail lamp SW (S)	Heater illumi. (+)
	C3B	C3A ~ C3C or C22	Heater illumi. (+)
	C3D	~ C2D	License lamp (+)
C42	C4B	J/C	Front fog lamp RH (+)
C40	C4C	J/C	Front fog lamp LH (+)
	C3E	C21 ~ C3C	Rear fog lamp SW
C2A	C4A	Passing SW (LP)	Rear fog lamp SW (L)
C5A	A4D	Rear fog lamp (-)	Rear fog lamp SW (+)
C23	C2B	J/C	Clearance lamp RH (+)
C20	C2C	J/C	Clearance lamp LH (+)
	C2D	C20 ~ C2C	Tail lamp RH (+)
	C6A	C3A ~ C3C or C22	Power shift illumi. (+)
	D41	Q3A ~ Q3B	Luggage lamp (+)
	D1B	Q3A ~ Q3B	Room lamp (+)
	D1C	Q3A ~ Q3B	Digital clock (B)
	D2B	D2A ~ D2C	Door SW RH (+)
D2A	D2C	Room lamp SW (-)	Door SW LH (+)
C41	C4A	J/C	Front fog SW
	F4A	F42 ~ F4B	Turn SW (R)
E1A	E1B	Fuse, stop 10A (L)	Stop lamp SW (+)
E2A	E2B	Stop lamp SW (-)	Stop lamp RH (+)
	E3B	E3A ~ E3D	Horn RH 2 (+)
	E3C	E3A ~ E3D	Horn RH 1 (+)
E3A	E3D	Fuse horn 15A (L)	Hazard SW (B2)

Tarminal		Connection	
E4C	E4B	Horn RH (-)	Horn SW (+)
	E4A	E4C ~ E4B	Horn RH (-)
	E4E	E4C ~ E4B	Horn LH (-)
	E3E	E3A ~ E3D	Horn LH (+)
F1A	F1B	Fuse turn 7.5 A (L)	Hazard SW (B1)
F2A	F2B	Hazard SW (F1)	Turn relay (B)
F3A	F3B	Hazard SW (F)	Turn relay (F)
F42	F4B	J/C	Front turn lamp (+)
F40	F4C	J/C	Rear turn lamp (+)
	F4D	F42 ~ F4B	Side turn lamp (+)
F41	F4E	J/C	Turn indicator lamp (+)
F5A	F5B	Turn hazard SW (L)	Front turn lamp (+)
	F5C	F5A ~ F5B	Rear turn lamp (+)
	F5D	F5A ~ F5B	Side turn lamp (+)
	F5E	F5A ~ F5B	Turn indicator lamp (+)
	G1G	~ G1C	Power shift SW (+)
	G1H	G1A ~ G1B	Power shift relay (+)
G1A	G1B	Fuse, gauge 7.5A (L)	Back-up lamp SW (+)
	G1C	G1A ~ G1B	Meter (+)
	G1D	~ G1C	3 stage controller (+)
	G1F	~ G1C	Voltage meter (+)
G2A	G2B	Back-up lamp SW (-)	Back-up lamp RH (+)
G3A	G3C	Brake fluid level lamp	Parking brake SW (+)
	G3B	G3A ~ G3C	Brake fluid level SW (+)
G4A	G3C	Parking brake lamp	Parking brake SW (+)
C22	C3A	J/C	Tail SW (S)
C21	C3C	J/C	Heater illumi.
H1A	H1B	Oil pressure lamp	Oil pressure SW (+)
H2A	H2B	Fuel gauge	Fuel sender
H3A	H3B	Water temp. gauge	Water temp. sensor
H5A	H5B	4WD indicator	4WD SW (+)
H6A	H6B	Fuel drain lamp	Fuel drain SW (+)
C22	C2A	J/C	Tail SW (Lp)
I1A	I1B	Fuse, wiper 15A (L)	Wiper SW (+)
	I1C	I1A ~ I1B	Wiper motor (B)
	I1D	I1A ~ I1B	Int. wiper relay (B)
	I1E	~ I1D	Washer motor (B)
	I1F	~ I1D	Rear wiper SW
I1F	I1G	Rear wiper SW	Rear wiper SW
	I1H	~ I1E	Headlamp cleaner (R)
	I2F	~ I1F	Rear wiper motor (+)
I2A	I2B	Wiper SW (+1)	Wiper motor (+1)
I3A	I3B	Wiper SW (+2)	Wiper motor (+2)
I4A	I4C	Wiper SW (WS)	Int. wiper relay (S)
I4B	I4D	Wiper motor (WS)	Int. wiper relay (WM)
I5A	I5B	Wiper SW (INT)	Int. wiper relay (INT)
I6A	I6B	Wiper SW (W)	Washer motor (W)
	I6C	I6A ~ I6B	Headlamp cleaner relay

HARNESS & WIRING DIAGRAM

WIRE COWL/RHD-(2)

Terminal	Connection
I7A I7B	Rear wiper SW (WIP) Rear wiper motor (L)
I8A I8B	Rear wiper SW (WAS) Rear washer motor (L)
I9A I9B	Rear wiper SW (S) Rear wiper motor (S)
J1A J1B	Headlamp cleaner (L) Headlamp cleaner relay
J2A J2B	F/L, glow Glow plug relay (B)
J3A J3B	Pre-heating timer (2) Glow relay (coil +)
J5A J5B	Pre-heating timer (7) Glow lamp (-)
J6A J6B	Pre-heating timer (3) Sensing resistor (F/L)
J7A J7B	Pre-heating timer (9) Sensing resistor (F/L)
J8A J8B	Pre-heating timer (1) Water temp. sensor (+)
J12A J12B	Glow plug relay (5) Glow plug (+)
K1C K1D	Main relay (L) Fuel heater (B)
K1A K1B	Fuse, defogger (L) Defogger SW (+)
K2A K2B	Defogger SW (L) Rear defogger (+)
K3A K9B	Fuse, heater (L) Blower motor (B)
K5C 5KB	Blower resistor (HL) Heater blower SW (HL)
K4A K4B	Blower motor (L) Heater blower SW (HI)
K4B K4C	Heater blower SW (HI) Blower resistor (HI)
K5A K5B	Blower resistor (MH) Heater blower SW (MH)
K6C K6B	Blower resistor (Lo) Heater blower SW (Lo)
K7A K7B	Rear heater SW (-) Rear heater motor (+)
K3D K3A ~ K9B	Rear heater motor (W+)
K6D K6C ~ K6B	A/C amp. A/C thermo. SW (-)
K6E K6F	A/C amp. (comp) Compressor
K7C K7E	A/C volum SW (+) A/C amp. (volume)
K9C K3A ~ K9B	Cooler amp. (+)
K7D K7F	A/C volume SW (-) Thermister
K8C K8E	Fan motor relay (B) F/L, A/C
K8D K8F	Fan motor relay (L) Fan motor (+)
K6G K6H	Thermo. SW (+) A/C amp.
K6H K6C ~ K6B	A/C amp.
M1A M1C	IG SW (ST1) Starter relay (coil +)
M2A ~ M2D	IG SW (ST2)
M2D ~ M2A	Pre-heating timer (10)
M3A M3B	Starter relay (L) Starter
M1E M1A ~ M1C	Glow plug relay (ST)
M2A M2C	IG SW (8) Glow plug relay (g)
M2D M2A ~ M2C	Pre-heating timer (10)
N1C N1A ~ N1E	F/B (Wiper, defogger)
N1D N1A ~ N1E	F/B (Engine)
N1A N1E	IG SW (IG) F/B (Turn, gauge)
N1F N1A ~ N1E	F/B (Heater)
N2D N2E	Pickup coil Tachometer
O1L O1A ~ O1C	Main relay (B)

Terminal	Connection
N20 N21	P.C.S. VSV P.C.S. timer SW (+)
O1B O1A ~ O1C	IG SW (AM1)
O1A O1C	F/L AM1 Alternator (B)
O1J O1A ~ O1C	F/B, magnetic lock
O1E O1A ~ O1C	Starter relay (B)
O1F O1A ~ O1C	F/B, (Tail, stop)
O1H O1A ~ O1C	Headlamp cleaner (B)
O1A O1K	F/L, AM1 Voltage regulator (B)
O2A O2B	F/L, Head Headlamp relay (B)
O2C O2A ~ O2B	F/B, Horn
O2B O2D	Headlamp relay (B) Headlamp relay (coil +)
O3A O3B	Alternator (N) Voltage regulator (N)
O4A O4B	Alternator (F) Voltage regulator (F)
O5A O5B	Fuse, engine (L) Voltage regulator (IG)
O5D ~ Q5E	Motor winch
O5E O5A ~ O5B	Timer pre-heating (6)
O6C ~ O6B	Main relay
O6B ~ O7B	Voltage regulator (L)
O7B ~ O6B	Charge lamp (-)
O5I A5A ~ O5B	Dim-Dip relay (IG)
P21 P22	Power window C/B (-) Power window M-SW (+)
P31 P21 ~ P22	Power window SW-P (+)
P27 P29	P/W M-SW, P-UP (+) P/W SW-P, UP (+)
P28 P30	P/W M-SW, P-DN (+) P/W SW-P, DN (+)
P20 N1A ~ N1E	Power window C/B (+)
Q2 Q33	Door lock relay (Un) Door lock SW (Un)
Q3A Q3B	Fuse, Magnetic lock (L) Magnetic lock SW (B)
Q4 Q35	Door lock relay (Lk) Door lock SW (Lk)
Q6 Q7	Door lock relay (Lk) Solenoid Fr P-Lock
Q8 Q9	Door lock relay (Un) Solenoid Fr P-Un.
Q1 Q1A ~ O1C	Door lock relay (+)
Q1A Q1B	Magnetic lock SW (Lk) Magnetic solenoid (Lk)
Q2A Q2B	Magnetic lock SW (Un) Magnetic solenoid (Un)
Q2E ~ Q2C	Dim-Dip relay (HEAD)
R18 R22	Mirror SW (VL) Mirror (VL +)
R19 R24	Mirror SW (VR) Mirror (VR +)
R20 R23	Mirror SW (HL) Mirror (HL +)
R21 R25	Mirror SW (HR) Mirror (HR +)
R17 R27	Mirror SW (motor +) Mirror (LH -)
R26 R17 ~ R27	Mirror (RH -)
R16 R2A ~ R2B	Mirror SW (+)
Z62 Z15A	Mirror SW (E)
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 (-)

WIRE COWL/RHD-(3)

Terminal		Connection	
R1A	R1B	IG. SW (ACC)	F/B cigar lighter (+)
R2A	R2B	Fuse, cigar lighter	Cigar lighter (-)
Z11P	Z9A	Body earth	Fuel heater (-)
Z16A	Z30	Body earth	P.C.S. VSV
ZB	Z1A	Body earth	Body earth
Z16	Z1B	J/C	Passing SW (-)
Z11A	Z1C	Fan relay	Heater blower SW (-)
Z1G	Z1F	Voltage regulator	Alternator (E)
ZA	Z4	Body earth	Body earth
	Z1M	ZA ~ Z4	Glow plug relay (E)
	Z1N	Z11A ~ Z11C	Starter relay coil (-)
	Z1E	~ Z4A	Magnet lock SW (-)
Z6A	Z1T	Body earth	Meter (-)
	Z1V	Z16 ~ Z1B	Flusher relay (E)
	Z1X	ZA ~ Z4	Side turn lamp LH (-)
	Z1Y	ZA ~ Z4	Fan motor (-)
	Z1Z	ZA ~ Z4	Headlamp cleaner relay (E)
	Z4A	ZA ~ Z4	Read body earth
	J11J	Z17	Gigar lighter (-)
	Z11Q	Z1W	Rear heater SW (-)
	Z11X	Z16A ~ Z1S	Fog lamp LH (-)
	Z15A	~ Z17	Defogger SW (-)
	Z1S	Body earth	Clearance lamp LH (-)
	Z4D	Z1E	Rear heater motor (-)
Z1B	Z11M	Passing SW (-)	Washer SW (-)
Z2A	Z2B	Engine earth	Timer, pre-heating (5)
	Z2C	Z2A ~ Z2B	Water temp. sensor (-)
Z7A	Z6B	Body earth	Radio earth (-)
Z6A	Z5C	Body earth (cowl side)	Meter, speed sensor (-)
	Z11W	Z18 ~ Z1K	Fog lamp RH (-)
	Z11E	Z18 ~ Z1R	Brake fluid level SW (-)
	Z11F	ZB ~ Z1A	4WD SW (-)
	Z11G	ZB ~ Z1A	Fuel drain SW (-)
Z11P	Z1L	Body earth	Glow plug relay coil (-)
Z18	Z1R	J/C	Clearance lamp RH (-)
	Z1W	Z18 ~ Z1R	Side turn lamp RH (-)
	Z7A	Z11V ~ Z11N	Body earth
Z11V	Z11N	Tachometer (-)	Pickup coil (-)
	Z9B	Z11P ~ Z1L	Main relay coil (-)
	Z19	ZA ~ Z4	J/C
	Z20A	ZA ~ Z4	Dim-Dip relay (earth)

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HARNESS & WIRING DIAGRAM

WIRE, COWL/LHD-(1)

Terminal	Connection
A1A A1B	Headlamp relay (L) F/L (Head)
A2A A2B	Fuse, head LH (L) Headlamp LH (B)
A3A A3B	Fuse, head RH (L) Headlamp RH (B)
A3C	A3A ~ A3B High beam indicator (+)
A3D	A3A ~ A3B Headlamp cleaner relay (5)
A4A A4B	Headlamp LH (Lo) Passing SW (Hs)
A4C	A4A ~ A4B Headlamp RH (Lo)
A5A A5B	Headlamp LH (Hi) Passing SW (HM)
A5C	A5A ~ A5B Headlamp RH (Hi)
A5D	A5A ~ A5B High beam indicator (-)
A6A A6B	Headlamp relay coil (-) Passing SW (H)
A4D	C20 ~ C3C Fog lamp SW (+)
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)
A61	A1A ~ A2B H/L leveling LH (+)
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)
A54	A3A ~ A3B H/L leveling RH (+)
A55	Z18 ~ Z1R H/L leveling RH (E)
A62	Z16A ~ Z1S H/L leveling LH (E)
A68	ZA ~ Z11J H/L leveling SW (E)
C22 C3B	J/C Meter, illum.
C6A	C22 ~ C3B Power shift SW
C1A C1B	Fuse, tail 15A (L) Tail SW (TB)
C23 C2B	J/C Clearance lamp (RH)
C2C	C20 ~ C3C Clearance lamp (LH)
C21 C2D	J/C Tail lamp RH (+)
C3A	Z1B ~ Z1C Tail lamp SW (S)
C3D	C21 ~ C2D License lamp (+)
C1B	O1A ~ O1C Tail SW (TB)
C2A C4A	Passing SW Rear fog lamp SW (L)
C2K C2C	Fuse, tail LH (10A) Clearance lamp LH (+)
C2L	C20 ~ C3C Fuse
C3A	C23 ~ C2B Tail SW
C3D	C2R ~ C2C License lamp (+)
C3E	C20 ~ C3C Rear fog lamp SW
C3A C3F	Tail SW Fuse, tail (B)
C5A A4D	Rear fog lamp (-) Rear fog lamp SW (+)
C20 C3C	J/C Heater illum. (+)
C40 C4B	J/C Front fog lamp RH (+)
C40 C4C	J/C Front fog lamp LH (+)

Terminal	Connection
C41 C4A	J/C Front fog SW
D1B	Q3A ~ Q3B Room lamp (+)
D1C	Q3A ~ Q3B Digital clock (+B)
D41	Q3A ~ Q3B Luggage lamp (+)
D2B	D2A ~ D2C Door SW RH (+)
D2A D2C	Room lamp SW (-) Door SW LH (+)
A6C	A6A ~ A6B Day light relay
A4E	~ A4C Day light relay
A5E	~ A5C Day light relay
E1A E1B	Fuse, stop Stop lamp SW (+)
E2A E2B	Stop lamp SW (-) Stop lamp RH (+)
E3A E3D	Fuse, Horn (L) Hazard SW (B2)
E3B	E3A ~ E3D Horn, RH2 (+)
E3C	E3A ~ E3D Horn, RH1 (+)
E3E	E3A ~ E3D Horn, LH (-)
E4C E4B	Horn, RH (-) Horn, SW (+)
E4A	E4C ~ E4B Horn, RH2 (-)
E4E	E4C ~ E4B Horn, LH (-)
C1A C1C	Fuse, tail 15A (L) Day light relay (4)
C1B C1D	Tail SW (TB) Day light relay (8)
C2M	C23 Day light relay (5)
F1A F1B	Fuse, turn 7.5A (L) Hazard SW (B1)
F2A F2B	Hazard SW Flusher relay (B)
F3A F3B	Hazard SW (E) Flusher relay (F)
F42 F4B	J/C Front turn lamp RH (+)
F40 F4C	J/C Rear turn lamp RH (+)
F4D	F42 ~ F4B Side turn lamp RH (+)
F41 F4E	J/C Turn indicator RH (+)
F5A F5B	Hazard SW (L) Front turn lamp LH (+)
F5C	F5A ~ F5B Rear turn lamp LH (+)
F5D	F5A ~ F5B Side turn lamp LH (+)
F5E	F5A ~ F5B Turn indicator LH (+)
F6A F6B	Hazard SW Hazard indicator (+)
G1A G1B	Fuse, gauge 7.5A (L) Back-up lamp SW (+)
G1C	G1A ~ G1B Meter (+)
G1D	~ G1C 3 stage controller (+)
G1F	~ G1C Voltage meter (+)
G2A G2B	Back-up lamp SW (-) Back-up lamp RH (+)
G3A G3C	Brake fluid level lamp Parking brake SW (+)
G3B	G3A ~ G3C Brake fluid level SW (+)
G1E	G1A ~ G1B Seat belt warning relay
K1D K1C	Fuel heater (B) Main relay (L)
H1A H1B	Oil pressure lamp Oil pressure SW (+)
H2A H2B	Fuel gauge Fuel sender
H3A H3B	Water temp. gauge Water temp. sender
H5A H5B	4WD indicator lamp 4WD SW (+)
A6A H6B	Fuel drain lamp Fuel drain SW (+)

WIRE, COWL/LHD-(2)

Terminal		Connection	
H7A	H7B	Seat belt warning lamp	Seat belt SW (+)
H8A	H8B	Seat belt SW (-)	Seat belt warning relay
	F4A	F42 ~ F4B	Turn SW (L)
I1A	I1B	Fuse, wiper 15A (L)	Wiper washer SW (B)
	I1C	I1A ~ I1B	Wiper motor (B)
	I1D	I1A ~ I1B	INT. wiper relay (B)
	I1E	~ I1C	Washer motor (B)
	I1F	I1A ~ I1B	Rear wiper washer SW
I1F	I1G	Rear wiper washer SW	Rear wiper SW
	I1H	I1A ~ I1B	H/L cleaner relay (B)
I2A	I2B	Wiper SW (+1)	Wiper motor (+1)
	I2F	~ I1F	Rear wiper motor (+)
I3A	I3B	Wiper SW (+2)	Wiper motor (+2)
I4A	I4C	Wiper SW (WS)	INT. wiper relay (WS)
I4B	I4D	Wiper motor (WS)	INT. wiper relay (WM)
I5A	I5B	Wiper washer SW (INT)	INT. wiper relay (INT)
I6A	I6B	Wiper SW (W)	Washer motor (W)
	I6C	I6A ~ I6B	Headlamp cleaner relay
I7A	I7B	Rear wiper SW (WIP)	Rear wiper motor (L)
I8A	I8B	Rear wiper SW (WAS)	Rear washer motor (L)
I9A	I9B	Rear wiper SW	Rear wiper motor (S)
J1A	J1B	H/L cleaner motor	H/L cleaner relay
	O1L	O1A ~ O1C	Main relay (B)
J2A	J2B	F/L glow 1.25	Glow plug relay (B)
J3A	J3B	Pre-heating timer (2)	Glow plug relay coil (+)
J5A	J5B	Pre-heating timer (7)	Glow plug (-)
J6A	J6B	Pre-heating timer (3)	Sensing resistor (+)
J7A	J7B	Pre-heating timer (9)	Sensing resistor (-)
J8A	J8B	Pre-heating timer (1)	Water temp. sensor (+)
J9A	J9B	Glow plug relay (L)	Sensing resistor (+)
J12A	J12B	Glow plug relay (S)	Glow plug (+)
K1A	K1B	Fuse, defogger 15A (L)	Defogger SW (+)
K2A	K2B	Defogger SW (L)	Rear window defogger (+)
K3A	K9B	Fuse, heater 30A (L)	Heater blower motor (B)
	K3D	K3A ~ K9B	Rear heater blower SW (+)
K4A	K4B	Heater blower motor (L)	Heater blower SW (Hi)
	K4C	K4A ~ K4B	Heater blower resistor (Hi)
K5A	K5B	Heater blower resistor (M)	Heater blower SW (M)
K5C	K5D	Heater blower resistor (ML)	Heater blower SW (ML)

Terminal		Connection	
K6C	K6B	Heater resistor (Lo)	Heater blower SW (Lo)
K6E	K6F	A/C amp. (Comp.)	Compressor
	K6D	K6C ~ K6B	A/C amp. A/C Thermo. SW (-)
K7A	K7B	Rear heater blower SW (-)	Rear heater blower motor (+)
K7C	K7E	A/C volume SW (+)	A/C amp. (Volume)
K7D	K7F	A/C volume SW	Thermister
K8D	K8F	Motor fan relay (L)	Fan motor (+)
	K9C	K3A ~ K9B	Cooler amp. (+)
K6G	K6H	A/C thermo. SW (+)	A/C amp.
M1A	M1C	IG SW (ST 1)	Starter relay coil (+)
M2A	M2C	IG SW (g)	Glow plug relay (g)
	M2D	~ M2A	Pre-heating timer
M3A	M3B	Starter relay (L)	Starter (ST)
N1A	N1E	IG SW (IG)	F/B (Turn, Gauge)
	N1C	N1A ~ N1E	F/B (Wiper, Defogger)
	N1D	N1A ~ N1E	F/B (Engine)
	N1F	N1A ~ N1E	F/B (Heater)
N2A	N2E	Pickup coil	Tacho. meter
N3A	N3B	Power shift SW (L)	Power shift relay coil (+)
	G1H	G1A ~ G1B	Power shift relay (+)
N20	N21	P.C.S. VSV (+)	P.C.S. SW (+)
	Z30	Z1 ~ Z4	P.C.S. VSV (-)
	G1G	~ G1C	Power shift SW (+)
N4A	N4B	Power shift relay (L)	VSV No. 2 (+)
	N3C	N3A ~ N3B	VSV No. 1 (+)
O1A	O1C	F/L AM1	Alternator (B)
	O1B	O1A ~ O1C	IG SW (AM1)
	O1E	O1A ~ O1C	Starter relay (B)
	O1F	O1A ~ O1C	F/B (Tail, stop)
	O1H	O1A ~ O1C	H/L cleaner motor (B)
	O1J	~ O1H	F/B Magnetic lock
O2A	O2B	F/L, head	Headlamp relay (B)
	O2C	O2A ~ O2B	F/B Horn
O2B	O2D	Headlamp relay (B)	H/L relay coil (+)
O3A	O3B	Alternator (N)	Voltage regulator (N)
O4A	O4B	Alternator (F)	Voltage regulator (F)
O5A	O5B	Fuse, engine 10A (L)	Voltage regulator (IG)
	O5E	O5A ~ O5B	Fuel cut solenoid
	O5D	O5A ~ O5B	Motor winch
	O5G	O5A ~ O5B	Timer pre-heating (6)
	O6B	~ O7B	Voltage regulator (L)
	O6D	~ O7B	Day light relay coil (+)
	O7B	~ O6B	Charge lamp (+)
	O1K	~ O1A	Voltage regulator
	O6C	~ O6B	Main relay
Q1A	Q1B	Magnetic lock SW (lock)	Lock solenoid (lock)
Q2A	Q2B	Magnetic lock SW (unlock)	Lock solenoid (unlock)

HARNESS & WIRING DIAGRAM

WIRE, COWL/LHD-(3)

Terminal		Connection	
Q3A	Q3B	Fuse, lock doom	Lock SW (B)
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 (solenoid)	Solenoid (Fr. P-lock)
Q8	Q9	Door lock relay (solenoid)	Solenoid (Fr. P-unlock)
	Q1	O1A ~ O1C	Door lock relay (+)
P21	P22	Power window C/A (-)	Power window M-SW (+)
	P31	P21 ~ P22	Power window SW-P (+)
P27	P29	P/W master SW	P/W SW P-up (+)
P28	P30	P/W master SW	P/W SW P-DN (+)
	P20	N1A ~ N1E	Power window C/B (+)
R1A	R1B	Fuse, cigar lighter	Cigar lighter (+)
R28	R48	Rear speaker RH (+)	Radio (Rr. sp. RH +)
R29	R51	Rear speaker RH (-)	Radio (Rr. sp. RH -)
R18	R22	Door mirror SW (VL)	Mirror (VL +)
R19	R24	Door mirror SW (VR)	Mirror (VR +)
R20	R23	Door mirror SW (HL)	Mirror (HL +)
R21	R25	Door mirror SW (HR)	Mirror (HR +)
R17	R27	Door mirror SW (motor -)	Mirror (LH -)
	R26	R17 ~ R27	Mirror (RH -)
	R16	R2A ~ R2B	Mirror SW (+)
R30	R46	Rear speaker LH (+)	Radio (Rr. sp. LH +)
R31	R47	Rear speaker LH (-)	Radio (Rr. sp. LH -)
Z11P	Z9A	Earth	Fuel heater (-)
	Z9C	Z16 ~ Z15A	Power shift SW illumin. (-)
	Z11H	ZB ~ Z1A	Seat belt warning relay (-)
Z1B	Z1C	Passing SW	Heater blower SW (-)
	Z1N	Z18 ~ Z1R	Starter relay coil (-)
	Z1V	Z1B ~ Z1C	Flusher relay (E)
	Z1Z	ZB ~ E1A	H/L cleaner relay (E)
ZA	Z4	Body earth	Body earth
	Z11A	ZB ~ Z1A	Fan motor relay coil (-)
ZA	Z11J	Body earth	Cigar lighter (-)
	Z11Q	ZA ~ Z11J	Rear heater SW (-)
Z6A	Z1T	Body earth	Meter (-)
Z16	Z15A	J/C	Defogger SW (-)
Z16A	Z1S	Body earth	Clearance lamp LH (-)
	Z1X	Z16A ~ Z1Y	Side turn lamp LH (-)
	Z11M	~ Z1B	Washer SW (-)
Z2A	Z2B	Engine earth	Timer, pre-heating (+)
	Z2C	Z2A ~ Z2B	Water temp. sensor (-)
	Z4D	Z1E	Rear heater motor (-)
	Z1M	ZB ~ Z1A	Glow plug relay (E)

Terminal		Connection	
Z7A	Z6B	Body earth	Radio earth (-)
Z6A	Z5C	Body earth (cowl side)	Meter, speed sensor (-)
	Z11G	Z18 ~ Z1R	Fuel drain SW (-)
Z11P	Z1L	Earth	Glow plug relay coil (-)
	Z11F	Z18 ~ Z1R	4WD SW (-)
Z18	Z1R	Body earth	Clearance lamp RH (-)
	Z1W	Z18 ~ Z1R	Side turn lamp RH (-)
	Z7A	Z11V ~ Z11N	Body earth
Z11V	Z11N	Tachometer (-)	Pickup coil (-)
ZB	Z1A	Body earth	Body earth
Z1G	Z1F	Voltage regulator	Alternator (E)
ZC	Z9D	Earth	Power shift relay coil (-)
Z16C	Z1Y	Body earth	Fan motor (-)
	Z4A	ZA ~ Z4	Rear body earth
	Z11E	Z16A ~ Z1Y	Brake fluid level SW (-)
	Z1E	Z4A	Magnetic lock SW (-)
	C3A	Z1B ~ Z1C	Tail SW (S)
	Z10A	ZB ~ Z1A	Day light relay (RY3 -)
	Z10B	ZB ~ Z1A	Day light relay (RY2 -)
	Z11W	Z18 ~ Z1R	Fog lamp RH (-)
	Z11X	Z16A ~ Z1S	Fog lamp LH (-)
	Z9B	Z11P ~ Z1L	Main relay (Coil -)
	Z17	Z1B ~ Z1C	J/C
	Z19	ZB ~ Z1A	J/C
	Z65	ZC ~ Z61	Door lock SW (E)
ZC	Z61	Earth	Power window SW (-)
Z1A	Z59	Earth	Door lock relay (-)

WRE91-HW02

WIRE, INSTRUMENT PANEL (INPANE)/RHD

Terminal		Connection	
C3A	C3C	TAil SW (S)	Heater illumi. (+)
	C3F	C3A ~ C3C	Digital clock (TAIL +)
	C3J	C3A ~ C3C	Clinometer illumi. (+)
	C3K	C3A ~ C3C	Voltmeter illumi. (+)
	C3M	C3A ~ C3C	Cigar lighter illumi. (+)
Q3A	D1C	Fuse, doom lock	Digital clock (+)
G1A	G1F	Fuse, gauge	Voltmeter (+)
R2A	R2B	Fuse, cigar lighter	Cigar lighter (+)
	R2D	R2A ~ R2B	Digital clock (ACC)
	R5B	R2A ~ R2B	Radio (+)
R3A	R3B	Radio (Speaker LH +)	Speaker LH (+)
R4A	R4B	Radio (Speaker LH -)	Speaker LH (-)
R6A	R6B	Radio (Speaker RH +)	Speaker RH (+)
	R7B	R4A ~ R4B	Speaker RH (-)
Z1A	Z11J	Body earth	Cigar lighter (-)
	Z11C	Z1A ~ Z11J	Digital clock (-)
	Z11D	Z1A ~ Z11J	Voltmeter (-)
	Z11K	Z1A ~ Z11J	Clinometer illumi. (-)
	Z11S	Z1A ~ Z11J	Voltmeter illumi. (-)
	Z1U	Z1A ~ Z11J	Heater illumi. (-)
	Z1B	Z1A ~ Z11J	Cigar lighter illumi. (-)
Z6B	Z6C	Radio (-)	Body earth
	Z6A	Z6B ~ Z6C	Body earth

WRE91-HW040

H
V

HARNESS & WIRING DIAGRAM

WIRE, INSTRUMENT PANEL (INPANE)/LHD

Terminal		Connection	
C3A	C3C	Tail SW (S)	Heater illumi. (+)
	C3F	C3A ~ C3C	Digital clock (TAIL +)
	C3J	C3A ~ C3C	Clinometer illumi. (+)
	C3K	C3A ~ C3C	Voltmeter illumi. (+)
	C3L	C3A ~ C3C	Radio illumi. (+)
	C3M	C3A ~ C3C	Cigar lighter illumi. (+)
Q3A	D1C	Fuse, doom, lock	Digital clock (+)
	D1D	Q3A ~ D1C	Radio (Back-up +)
G1A	G1F	Fuse, gauge	Volt meter (+)
R2A	R2B	Fuse, cigar lighter	Cigar lighter (+)
	R2D	R2A ~ R2B	Digital clock (ACC)
	R5	R2A ~ R2B	Radio (+)
R3A	R3B	Radio (Speaker LH +)	Speaker LH (+)
R4A	R4B	Radio (Speaker LH -)	Speaker LH (-)
R6A	R6B	Radio (Speaker RH +)	Speaker RH (+)
R7A	R7B	Radio (Speaker RH -)	Speaker RH (-)
	R7B	R4A ~ R4B	Speaker RH (-)
R28	R48	Rear speaker RH (+)	Radio (Rear speaker RH +)
R29	R51	Rear speaker RH (-)	Radio (Rear speaker RH -)
R30	R46	Rear speaker LH (+)	Radio (Rear speaker LH +)
R31	R47	Rear speaker LH (-)	Radio (Rear speaker LH -)
Z1A	Z11J	Body earth	Cigar lighter (-)
	Z11C	Z1A ~ Z11J	Digital clock (-)
	Z11D	Z1A ~ Z11J	Volt meter (-)
	Z11K	Z1A ~ Z11J	Clinometer illumi. (-)
	Z11S	Z1A ~ Z11J	Voltmeter illumi. (-)
	Z1U	Z1A ~ Z11J	Heater illumi. (-)
	Z1B	Z1A ~ Z11J	Cigar lighter (-)
Z6B	Z6C	Radio (-)	Body earth
	Z6A	Z6B ~ Z6C	Body earth

WRE91-HW042

WIRE, FLOOR (F70, F75)

Terminal		Connection	
C2A	C2D	Tail, SW (LP)	Tail RH (+)
	C2E	C2A ~ C2D	Tail LH (+)
C3A	C3D	Tail SW (S)	License lamp (+)
	C2E	C3A ~ C3D	Tail LH (+)
	C3G	C3A ~ C3D	Rear fog lamp (+)
	C3H	C3A ~ C3D	Rear fog lamp (+)
C5A	C5B	Rear fog lamp (-)	Rear fog SW (+)
	C5C	C5A ~ C5B	Rear fog lamp (-)
D2A	E2C	Room lamp SW (-)	Courtesy SW (LH)
E2A	E2B	Stop lamp SW (-)	Stop lamp RH
	F2C	E2A ~ E2B	Stop lamp LH
F4A	F4C	Turn signal SW (R)	Rear combi. lamp (R)
F5A	F5C	Turn signal SW (L)	Rear combi. lamp (L)
G1A	G1B	Fuse, gauge	Select SW (+)
	G13	G1A ~ G1B	Controller (B)
G2A	G2B	Fuse, gauge	Back-up lamp RH
	G2C	G2A ~ G2B	Back-up lamp LH
M2A	H2B	Meter, Fuel gauge	Fuel sender
I1A	I1F	Fuse, wiper	Rear wiper motor (+)
I7A	I7B	Rear wiper SW (WIP)	Rear wiper motor (+)
I8A	I8B	Rear wiper SW (WAS)	Rear washer motor (B)
I9A	I9B	Rear wiper SW (WIP)	Rear wiper motor (S)
K2A	K2B	Defogger SW	Defogger
Q1A	Q1B	Lock SW (lock)	Solenoid (lock)
Q2A	Q2B	Lock SW (unlock)	Solenoid (unlock)
P80	P81	Controller (+)	ACT. FR. RH (+)
	P82	P80 ~ P81	ACT. FR. LH (+)
	P83	P80 ~ P81	ACT. RR. RH (+)
V50	S6	Controller (S)	Select SW (S)
	V51	V50 ~ S6	ACT. FR. RH (S)
	V52	V50 ~ S6	ACT. FR. LH (S)
	V53	V50 ~ S6	ACT. RR. RH (S)
V38	S2	Controller (N)	Select SW (N)
	V39	V38 ~ S2	ACT. FR. RH (N)
	V40	V38 ~ S2	ACT. FR. LH (N)
	V41	V38 ~ S2	ACT. RR. RH (N)
V44	S4	Controller (H)	Select SW (H)
	V45	V44 ~ S4	ACT. FR. RH (H)
	V46	V44 ~ S4	ACT. FR. LH (H)
	V47	V44 ~ S4	ACT. RR. RH (H)
Z4H	Z1A	Body earth	Body earth
	Z3B	Z4H ~ Z1A	Select SW (-)
Z4H	Z4C	Body earth	Rear combi. LH (-)
	Z123	Z4H ~ Z4C	Controller (E)
Z4A	Z3A	Body earth	Body earth
	Z4B	Z4A ~ Z3A	Rear combi. RH (-)
Z4A	Z4E	Body earth	Fuel sender (-)

WRE91-HW044

HARNESS & WIRING DIAGRAM

WIRE, FLOOR (F77)

Terminal		Connection	
C2A	C2D	Turn signal SW (RF)	Tail (R)
C3A	C3D	Turn signal SW (S)	License lamp (L)
	C2E	C3A ~ C3D	Tail (L)
	C3E	C3A ~ C3D	License lamp (R)
	C3G	C3A ~ C3D	Rear fog lamp LH (+)
C5A	C5B	Rear fog lamp LH (-)	Rear fog SW (+)
D2A	D2C	Room lamp SW (-)	Door courtesy SW (LH)
E2A	E2B	Stop lamp SW	Stop lamp (R)
	E2C	E2A ~ E2B	Stop lamp (L)
F4A	F4C	Turn signal SW	Rear combi. (turn R)
F5A	F5C	Turn signal SW	Rear combi. (turn L)
G2A	G2B	Back-up lamp SW (-)	Back-up lamp (+)
H2A	H2B	Fuel gauge	Fuel sender
Z1A	Z4A	Front body earth	Rear body earth
	Z1B	Z1A ~ Z4A	Rear combi. LH (-)
	Z1C	Z1A ~ Z4A	Rear combi. RH (-)
	Z1D	Z1A ~ Z4A	License lamp (L)
	Z1E	~ Z1C	License lamp (R)
	Z1F	~ Z1C	Back-up lamp (-)
Z4A	Z4E	Rear body earth	Fuel sender (-)
	C3H	C3A ~ C3D	Rear fog lamp RH (+)
	C5C	C5A ~ C5B	Rear fog lamp RH (-)

WRE91-046

WIRE, TRANSMISSION

Terminal		Connection	
G1A	G1B	Fuse, gauge	Back lamp SW (B)
	G1C	G1A ~ G1B	L Detector SW (+)
	G20	G1A ~ G1B	P.C.S. T/M SW (+)
G2A	G2B	Back lamp SW (-)	Back lamp RH
H3A	H3B	Meter water temp. gauge	Water temp. sensor
H5A	H5B	Meter 4WD indicator	4WD SW No. 1 (+)
H5C	H5D	4WD SW No. 1 (-)	4WD SW No. 2 (+)
J8A	J8B	Pre-heating timer (+)	Water temp. sensor (+)
K6C	K6H	A/C thermo. SW (+)	A/C amp.
K6G	K6D	Heater blower SW (Lo)	A/C thermo. SW (-)
K6G	K6H	Heater blower SW (Lo)	A/C amp.
M3A	M3B	Starter relay (L)	Starter (ST)
N2E	N2D	Meter, tachometer	Pickup coil (+)
N20	N21	P.C.S. VSV (+)	P.C.S. T/M SW (-)
N3A	N3B	Power shift SW (L)	VSV No. 1 (+)
	N3C	N3A ~ N3B	L detector SW (-)
N4A	N4B	Power shift relay (L)	VSV No. 2 (+)
O5A	O5E	Fuse, engine	Fuel cut solenoid (+)
Z1A	Z1B	Body earth	4WD SW No. 2 (-)
	Z1C	Z1A ~ Z1B	VSV No. 1 (-)
	Z1D	Z1A ~ Z1B	VSV No. 2 (-)
Z2A	Z2C	Engine earth	Water temp. sensor (-)
Z1P	Z1M	Body earth	Pickup coil (-)

WRE91-HW049

