

SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

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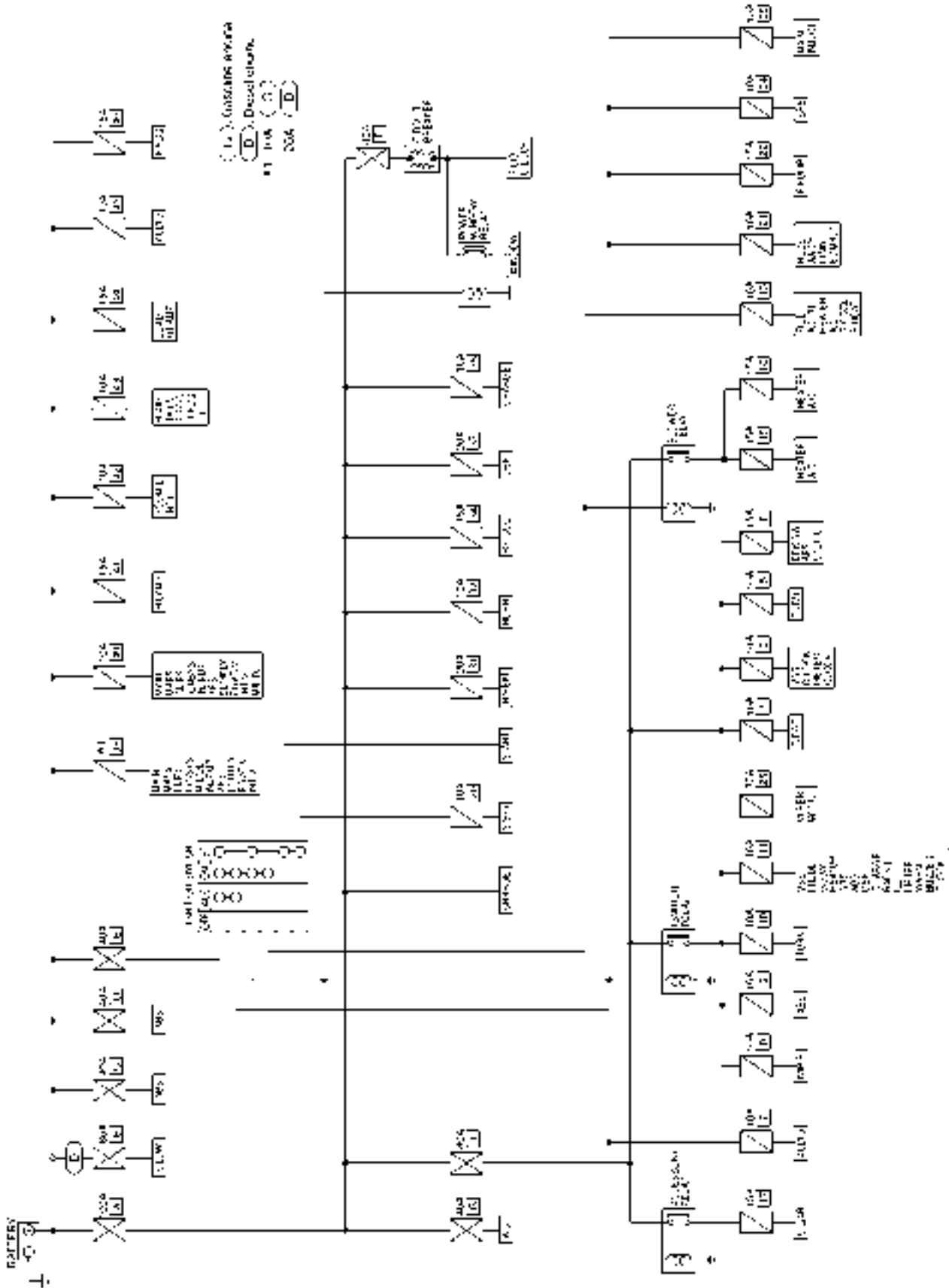
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POWER SUPPLY ROUTING

PF0:0011

Schematic

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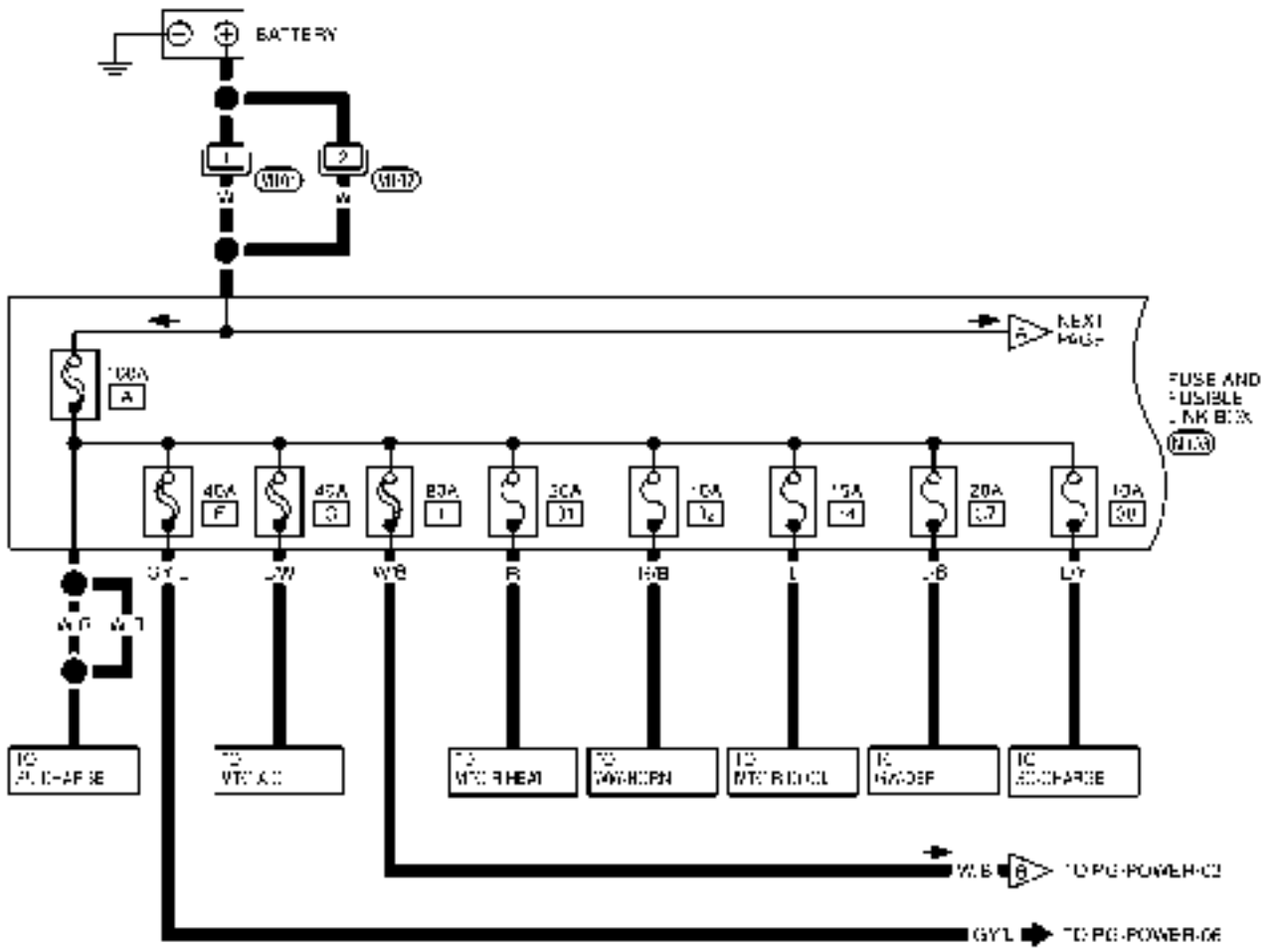


POWER SUPPLY ROUTING

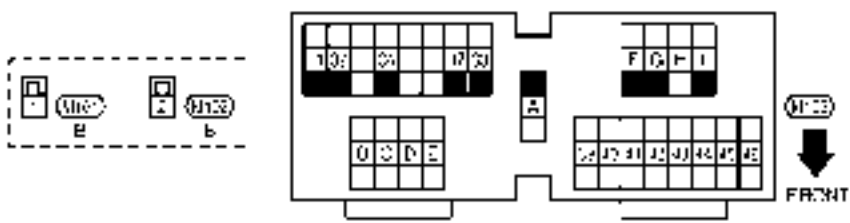
Wiring Diagram — POWER — BATTERY POWER SUPPLY — IGNITION SW. IN ANY POSITION

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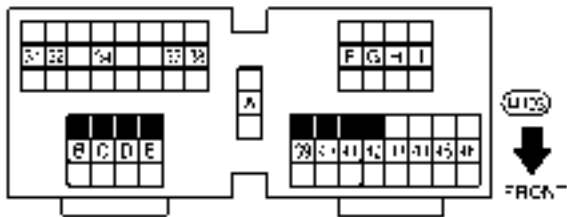
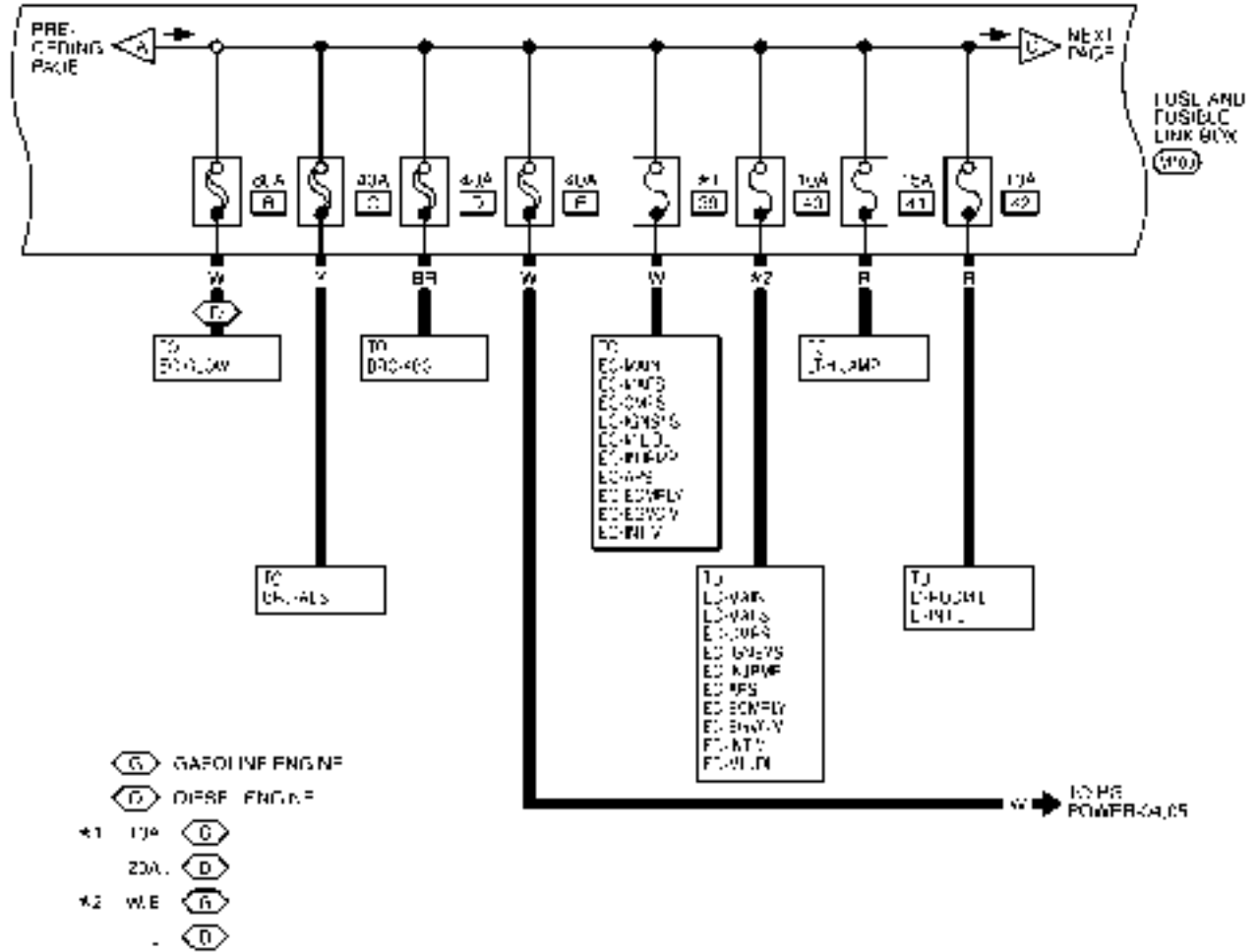
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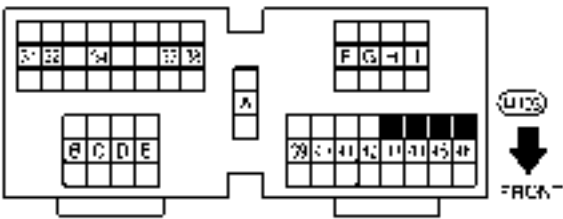
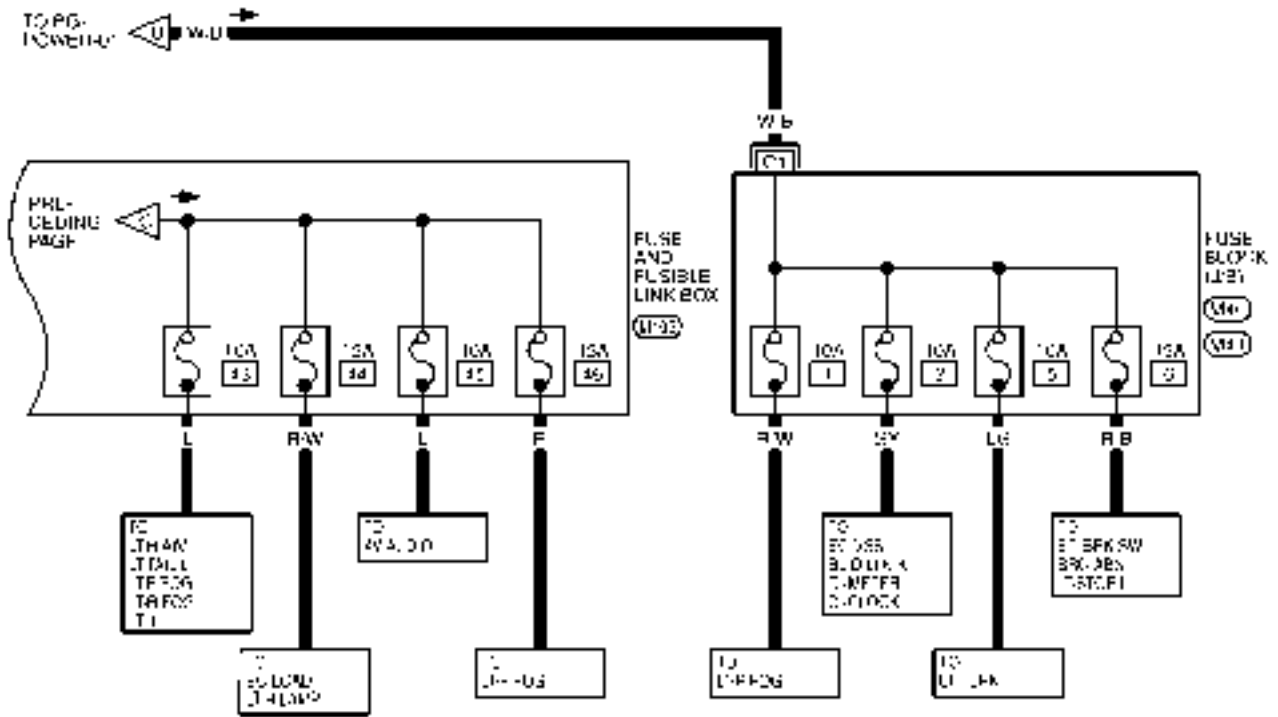
POWER SUPPLY ROUTING

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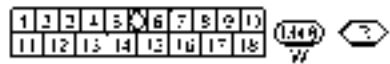
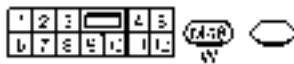
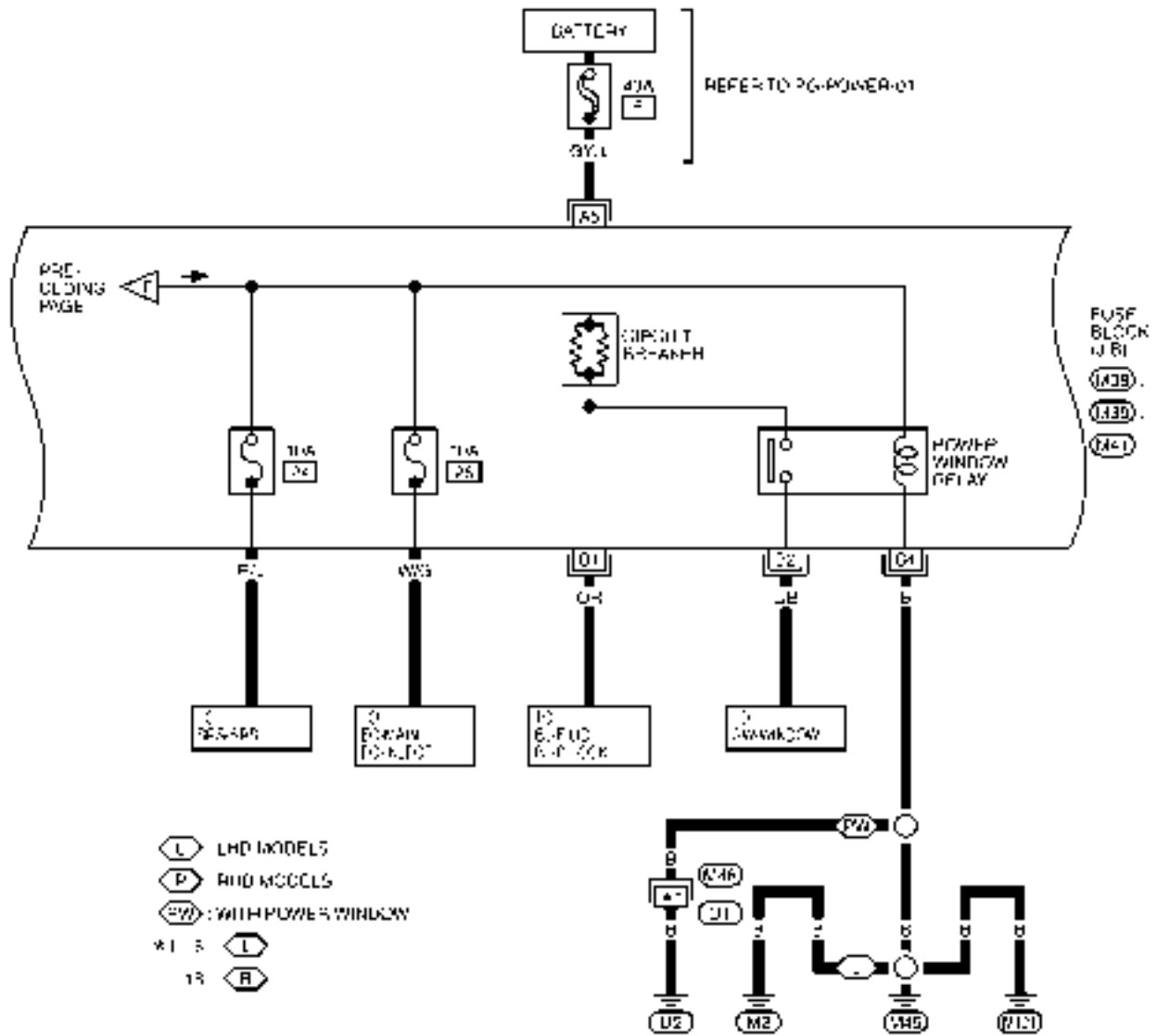
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REF-FRONT REF-FOLLOWING

(M135) (M131) FUSE BLOCK JUNCTION BOX (M135)

13	26	09
12	25	08
11	24	07
10	23	06
9	22	05
8	21	04
7	20	03
6	19	02
5	18	01
4	17	00
3	16	00
2	15	00
1	14	00

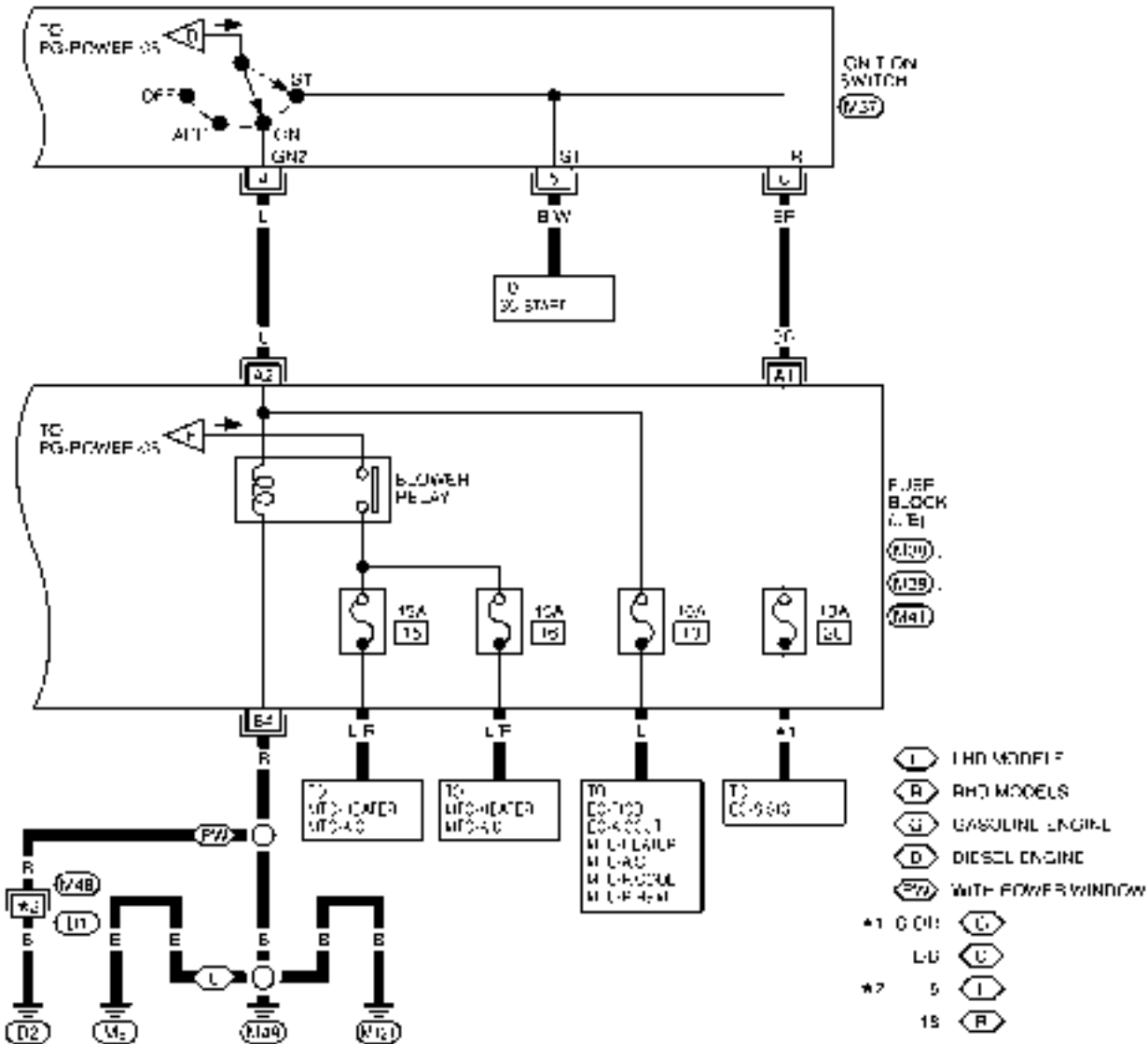


REFERENCE REFOLLOWING

(1438)	(1439)	(1441)	FUSE BLOCK-JUNCTION ON BOX (JBI)
13	26	29	
12	25		
11	24		
10	23		
9	22	31	
8	21		
7	20		
6	19		
5	18		
4	17		
3	16		
2	15		
1	14		

POWER SUPPLY ROUTING

PG-POWER-07



- (M20) FUSE BLOCK (E)
- (M21) 15A
- (M22) 10A
- (M23) 10A
- (M24) 10A
- (L) LHD MODEL
- (R) RHD MODEL
- (G) GASOLINE ENGINE
- (D) DIESEL ENGINE
- (PW) WITH POWER WINDOW
- *1 G O I: (L) LG (L)
- *2 5 (L) 15 (R)



REFER TO THE FOLLOWING:

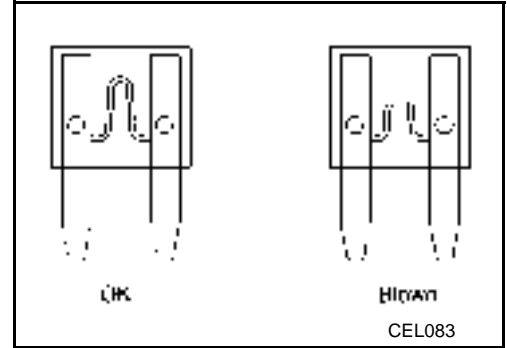
(M27)	(M20)	(M24)	FUSE BLOCK-JUNCTION BOX (J.D)
13	26		
12	25		
11	24		
10	23		
9	22		
8	21		
7	20		
6	19		
5	18		
4	17		
3	16		
2	15		
1	14		

POWER SUPPLY ROUTING

Fuse

EKS002LO

- If fuse is blown, be sure to eliminate cause of incident before installing new fuse.
- Use fuse of specified rating. Never use fuse of more than specified rating.
- Do not partially install fuse; always insert it into fuse holder properly.
- Remove fuse for "ELECTRICAL PARTS (BAT)" if vehicle is not used for a long period of time.



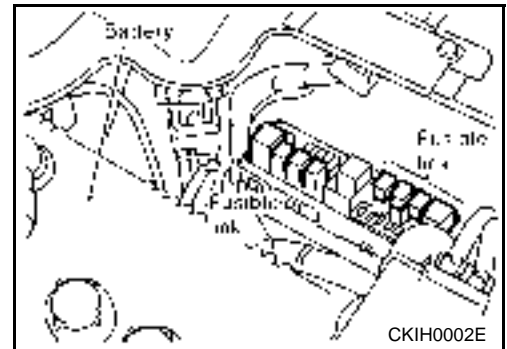
Fusible Link

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A melted fusible link can be detected either by visual inspection or by feeling with finger tip. If its condition is questionable, use circuit tester or test lamp.

CAUTION:

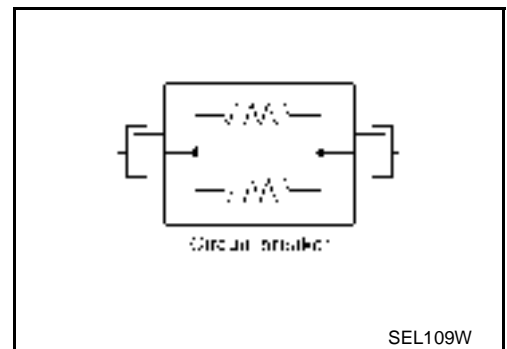
- If fusible link should melt, it is possible that critical circuit (power supply or large current carrying circuit) is shorted. In such a case, carefully check and eliminate cause of incident.
- Never wrap outside of fusible link with vinyl tape. Important: Never let fusible link touch any other wiring harness, vinyl or rubber parts.



Circuit Breaker

EKS002LQ

The PTC thermistor generates heat in response to current flow. The temperature (and resistance) of the thermistor element varies with current flow. Excessive current flow will cause the element's temperature to rise. When the temperature reaches a specified level, the electrical resistance will rise sharply to control the circuit current. Reduced current flow will cause the element to cool. Resistance falls accordingly and normal circuit current flow is allowed to resume.



GROUND

GROUND

PF0:00011

Ground Distribution

EKS00201

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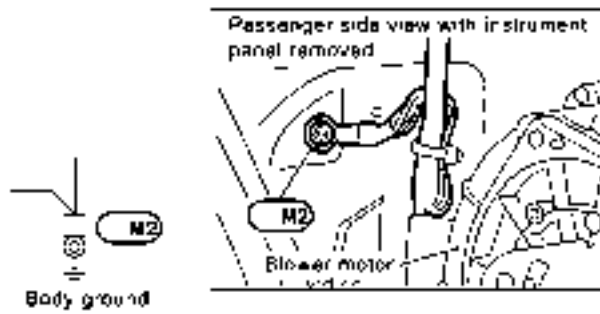
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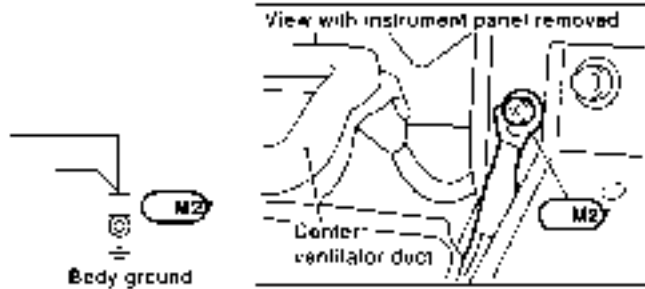
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GROUND

MAIN HARNESS/RHD MODELS



CON-NECTOR NUMBER	CONNECT TO
M3	Front wiper motor
M12	Recirculation switch
M13	Fan switch
M14	Cigarette lighter socket
M15	Ashtray illumination
M16	Rear cooler switch [Front] (With rear cooler)
M17	Hazard switch
M20	Combination flasher unit



CON-NECTOR NUMBER	CONNECT TO
M7	Door lock relay (With power door lock)
M18	Rear window defogger switch (Terminal No. 2)

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GROUND

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	CON-NECTOR NUMBER	CONNECT TO
←	M18	Rear window defogger switch (Terminal No. 6)
←	M19	Interior room lamp switch
←	M21	Combination meter (Without tachometer) (Terminal No. 11) • Clock • Unit ad meter control unit • Vehicle speed sensor clock
←	M21	Combination meter (Without tachometer) (Terminal No. 24) • Meter illumination • ODO/TRIP meter and clock illumination
←	M22	Combination meter (Without tachometer) (Terminal No. 41) • High beam indicator
←	M22	Combination meter (Without tachometer) (Terminal No. 44) • Turn signal and hazard warning lamp
←	M24	Combination meter (With tachometer) (Terminal No. 14) • Voltage regulator • Unit ad meter control unit • ODO/TRIP meter and clock illumination • Vehicle speed sensor
←	M25	Combination meter (With tachometer) (Terminal No. 27) • Unit ad meter control unit • Turn signal and hazard warning lamp • Air bag warning lamp
←	M25	Combination meter (With tachometer) (Terminal No. 28) • Motor illumination
←	M24	Combination meter (With tachometer) (Terminal No. 49) • High beam indicator
←	M31	Door lock/unlock switch
←	M32	Combination switch (Terminal No. 32) • Front fog lamp switch
←	M34	Combination switch (Terminal No. 17) • Front wiper and washer switch
←	M34	Combination switch (Terminal No. 24) • Rear wiper and washer switch
←	M64	Heat up switch

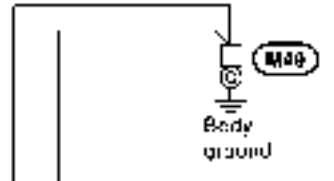
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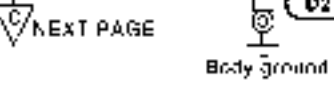
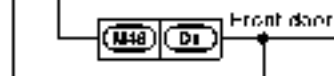
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GROUND



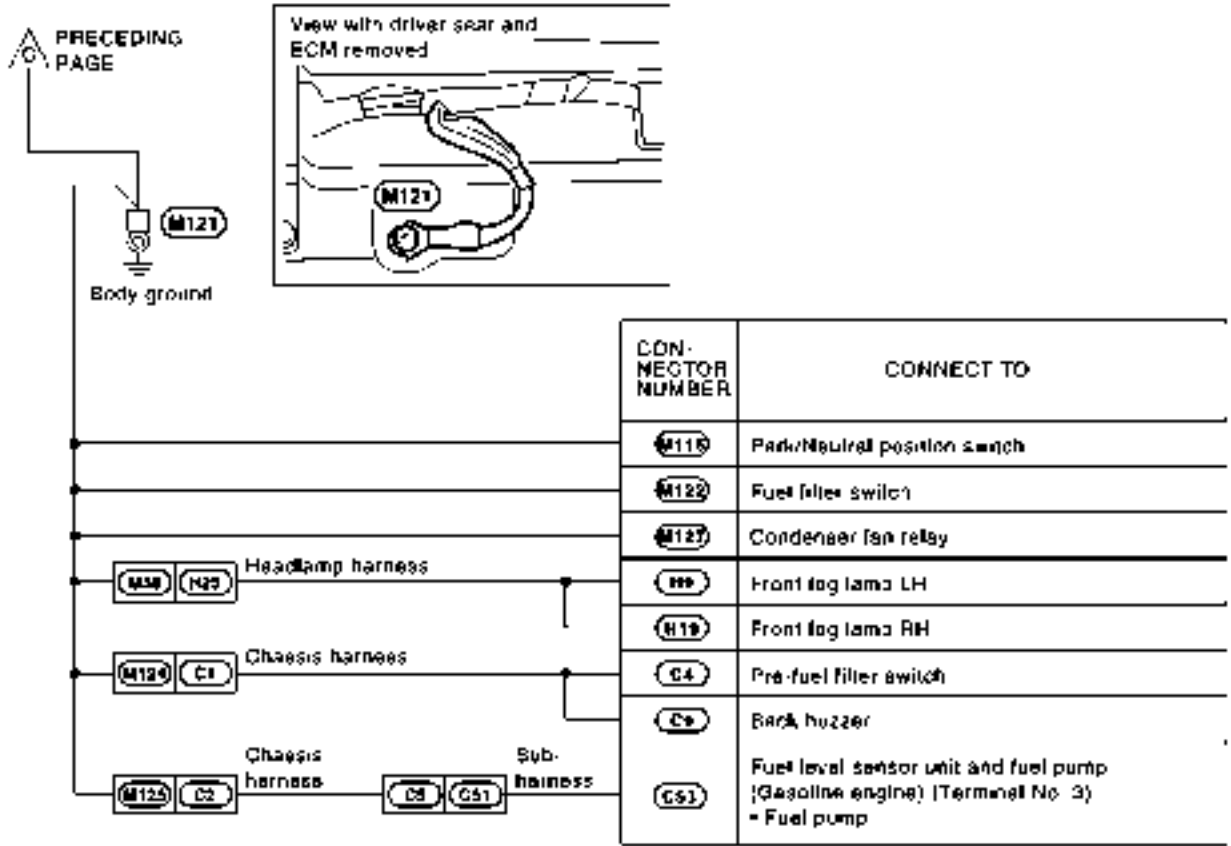
CONNECTOR NUMBER	CONNECT TO
M30	Data link connector (Terminal No. 4)
M30	Data link connector (Diesel engine) (Terminal No. 5)
M35	Fuse block (J-6): Ignition relay Accessory relay Blower relay Power window relay
M54	Interior room lamp relay
M55	Brake fluid level switch
M62	Air bag diagnostic sensor unit
D6	Power window main switch Power window switch Door lock-unlock switch
D7	Door lock actuator assembly (Driver side) Door unlock sensor



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GROUND

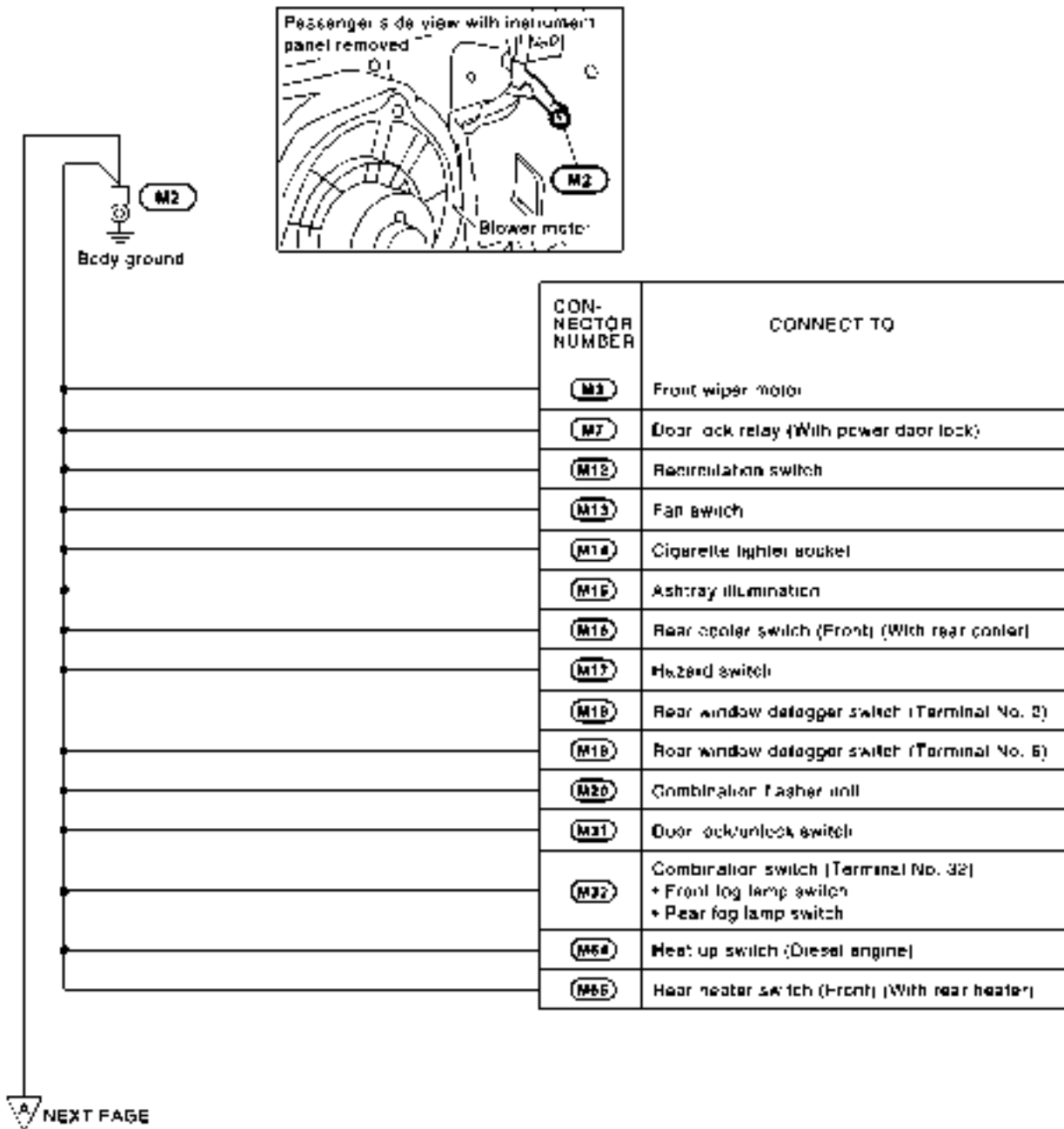


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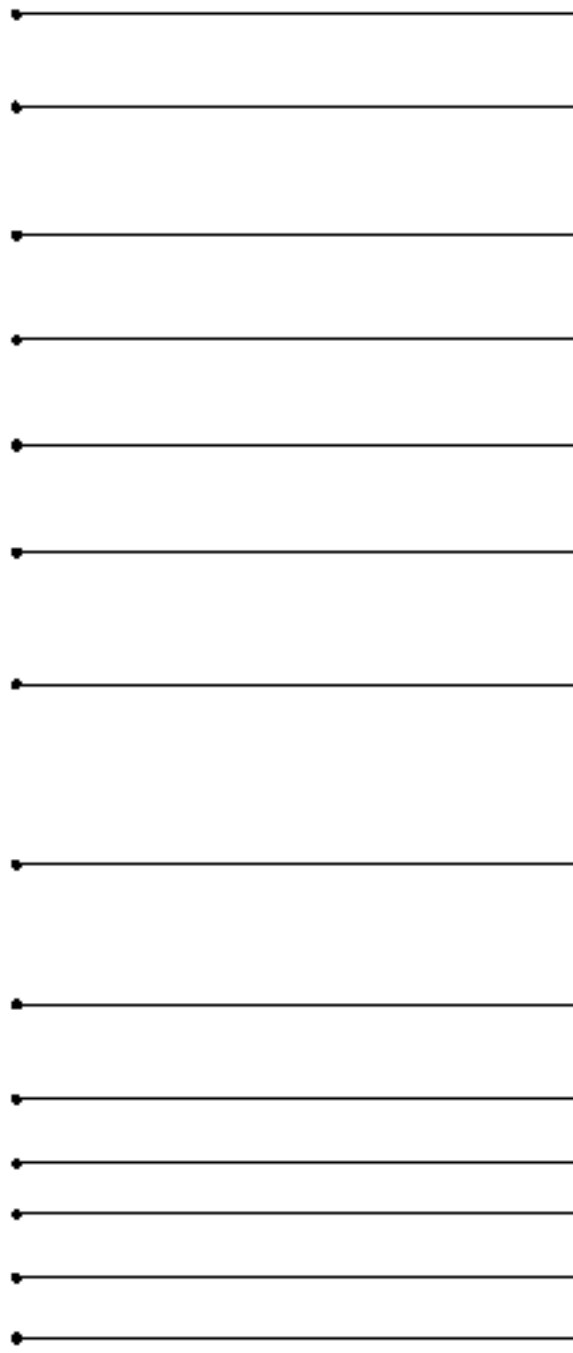
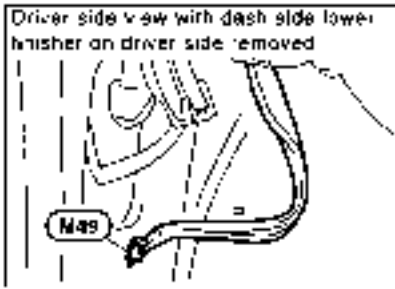
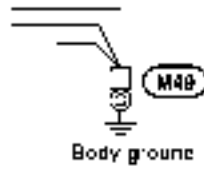
GROUND

MAIN HARNESS/LHD MODELS



GROUND

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CON-NECTOR NUMBER	CONNECT TO
M19	Interior room lamp switch
M21	Combination meter (Without tachometer) (Terminal No. 11) • Clock • Unified meter control unit • Vehicle speed sensor
M21	Combination meter (Without tachometer) (Terminal No. 24) • Meter illumination • ODO/TRIP meter and clock illumination
M22	Combination meter (Without tachometer) (Terminal No. 41) • High beam indicator
M22	Combination meter (Without tachometer) (Terminal No. 44) • Turn signal and hazard warning lamp • Rear fog indicator
M24	Combination meter (With tachometer) (Terminal No. 4) • ABS warning lamp (Without ABS)
M24	Combination meter (With tachometer) (Terminal No. 14) • Voltage regulator • Unified meter control unit • ODO/TRIP meter and clock illumination • Vehicle speed sensor
M26	Combination meter (With tachometer) (Terminal No. 27) • ABS warning lamp • Air bag warning lamp • Rear fog indicator • Turn signal and hazard warning lamp • Unified meter control unit
M25	Combination meter (With tachometer) (Terminal No. 28) • Meter illumination
M26	Combination meter (With tachometer) (Terminal No. 49) • High beam indicator
M30	Data link connector (Terminal No. 4)
M30	Data link connector (Diesel engine) (Terminal No. 5)
M34	Combination switch (Terminal No. 17) • Front wiper and washer switch
M34	Combination switch (Terminal No. 24) • Rear wiper and washer switch

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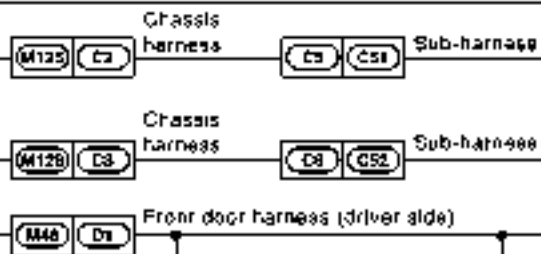
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GROUND

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CON NECTOR NUMBER	CONNECT TO
M30	Fuse block (J/B) • Ignition relay • Accessory relay • Blower relay • Power window relay
M54	Interior room lamp relay
M55	Brake fluid level switch
M57	Air bag diagnostic sensor unit
M57	Headlamp aiming switch (With headlamp aiming system)
C53	Fuel level sensor unit and fuel pump (Gasoline engine) (Terminal No. 1) • Fuel level sensor
C54	Fuel level sensor unit (Diesel engine)
D6	Power window main switch • Power window switch • Door lock/unlock switch
D7	Door lock actuator assembly (Driver side) • Door unlock sensor

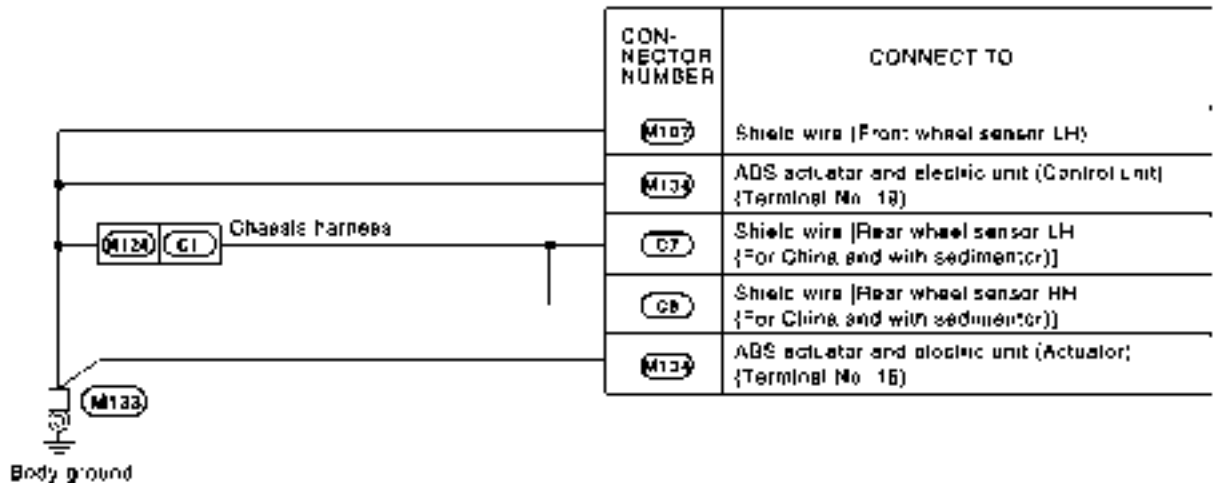
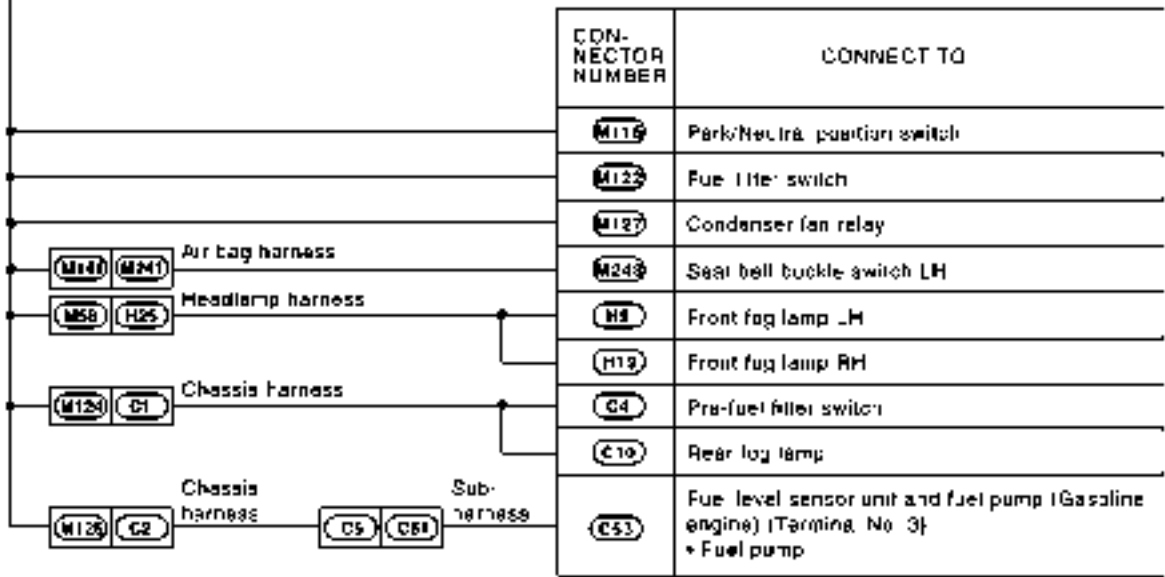
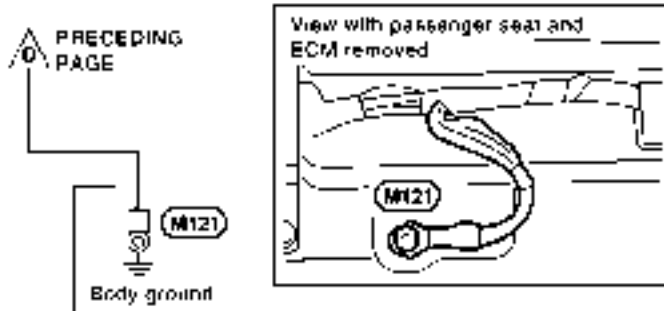


View with driver side door trim removed



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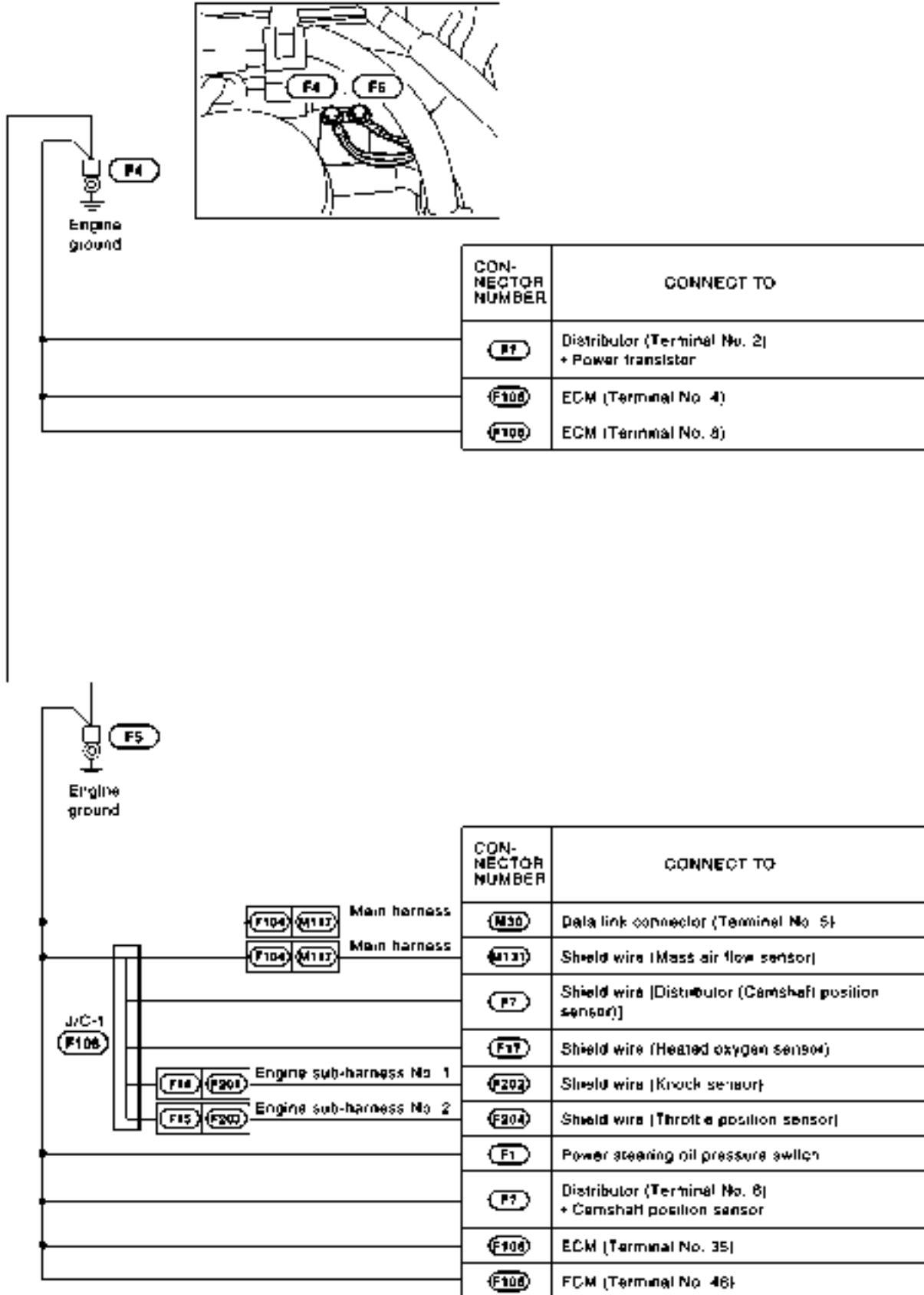
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GROUND

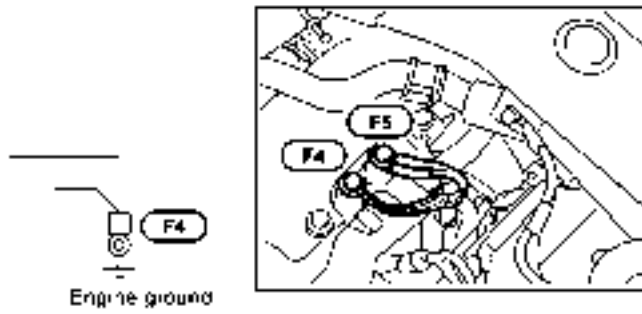
ENGINE CONTROL HARNESS/KA ENGINE MODELS



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GROUND

ENGINE CONTROL HARNESS/RHD MODELS WITH ZD ENGINE



CONN. CONNECTOR NUMBER	CONNECT TO
F111	ECM (Terminal No. 10E)
F111	ECM (Terminal No. 112)
F111	ECM (Terminal No. 11B)
F214	Electronic control fuel injection pump

• J/C-1
 F108
 Engine sub-harness No. 2
 F21 F217

Engine ground

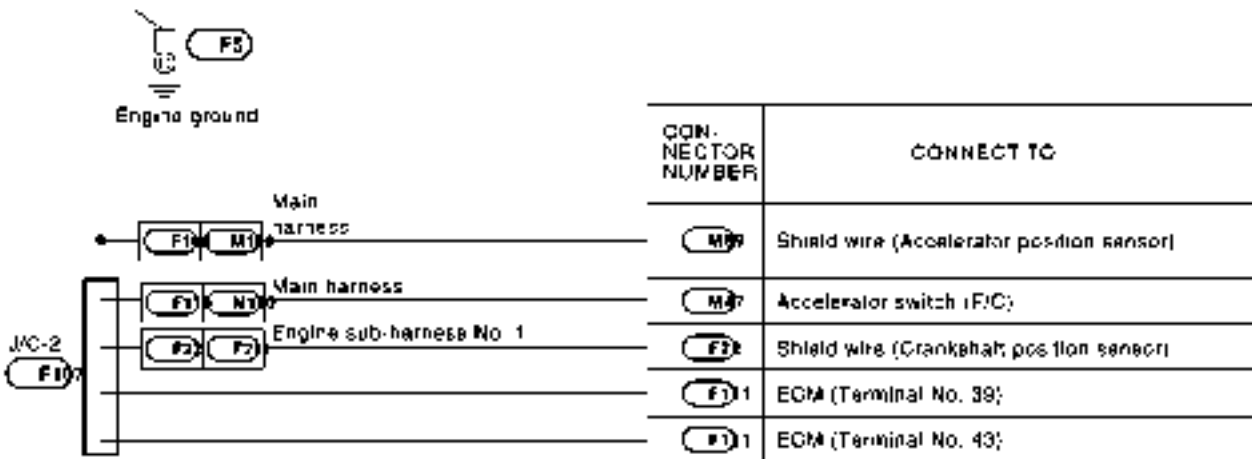
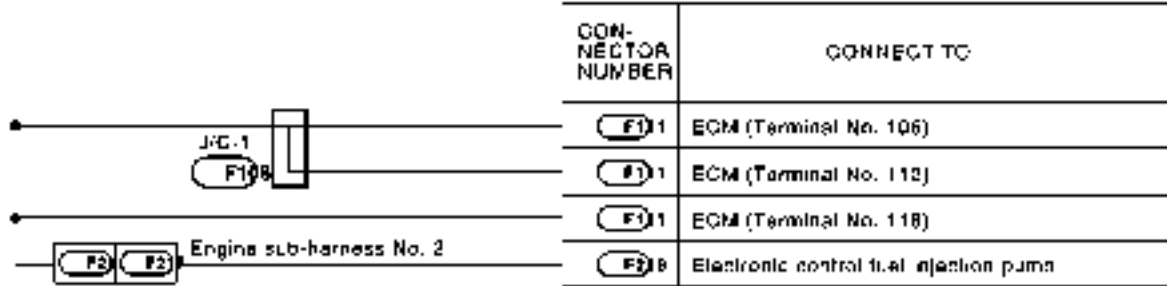
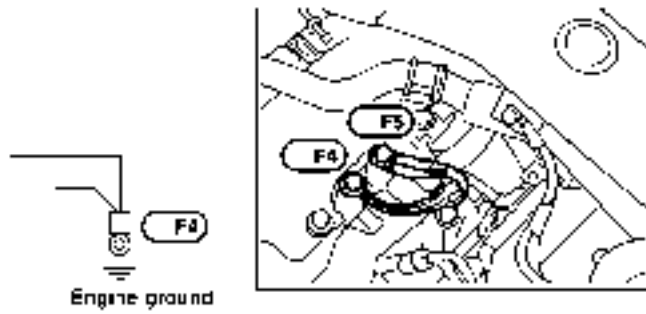
CONN. CONNECTOR NUMBER	CONNECT TO
M212	Shield wire (Accelerator position sensor)
M47	Accelerator switch (FIC)
F22	Shield wire (Crankshaft position sensor)
F111	ECM (Terminal No. 39)
F111	ECM (Terminal No. 43)

Main harness
 AWU sub-harness
 F108 M111
 M212 M211
 Main harness
 Engine sub-harness No. 1
 F110 M120
 F22 F211
 J/C-2
 F107

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GROUND

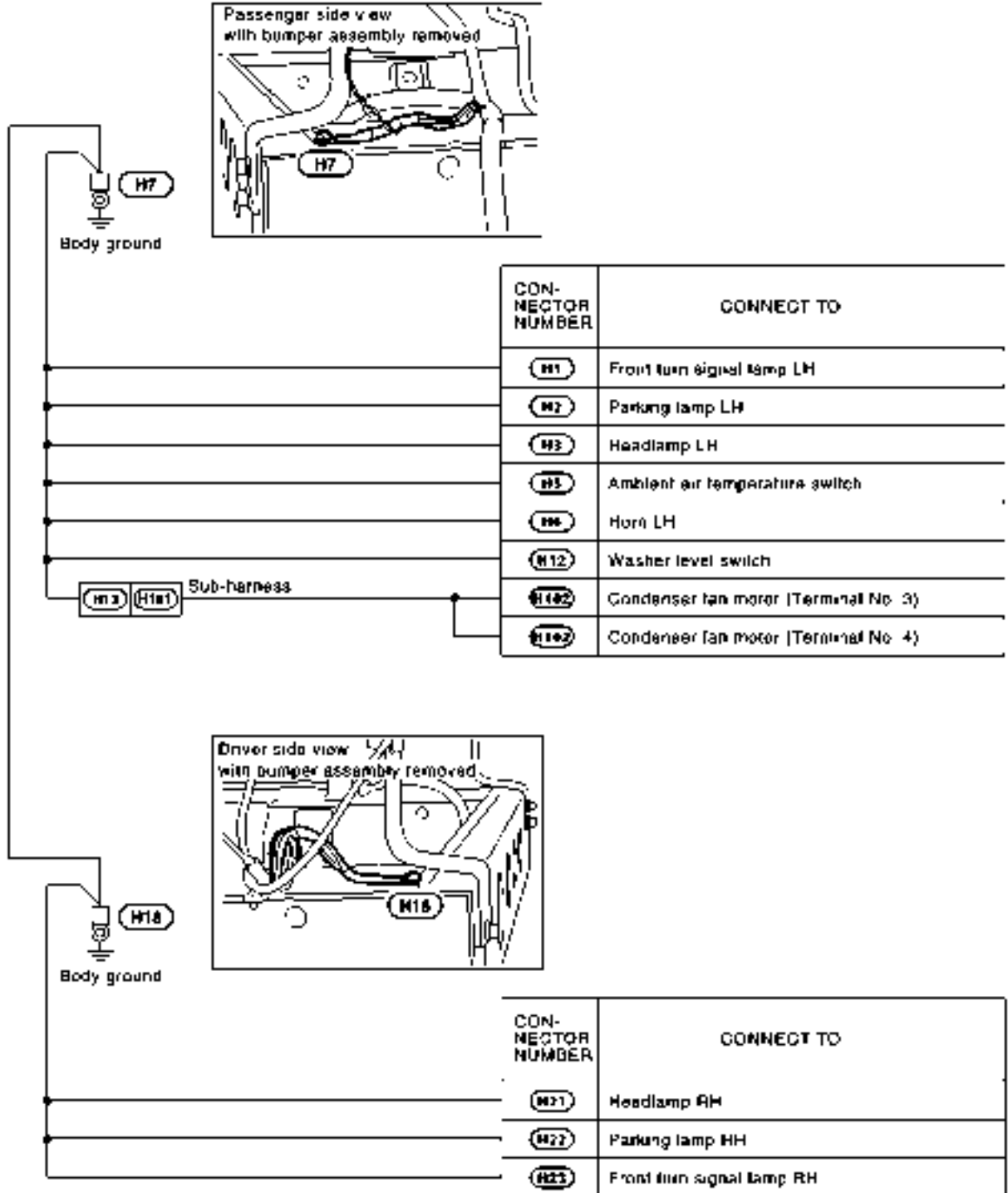
ENGINE CONTROL HARNESS/LHD MODELS WITH ZD ENGINE



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GROUND

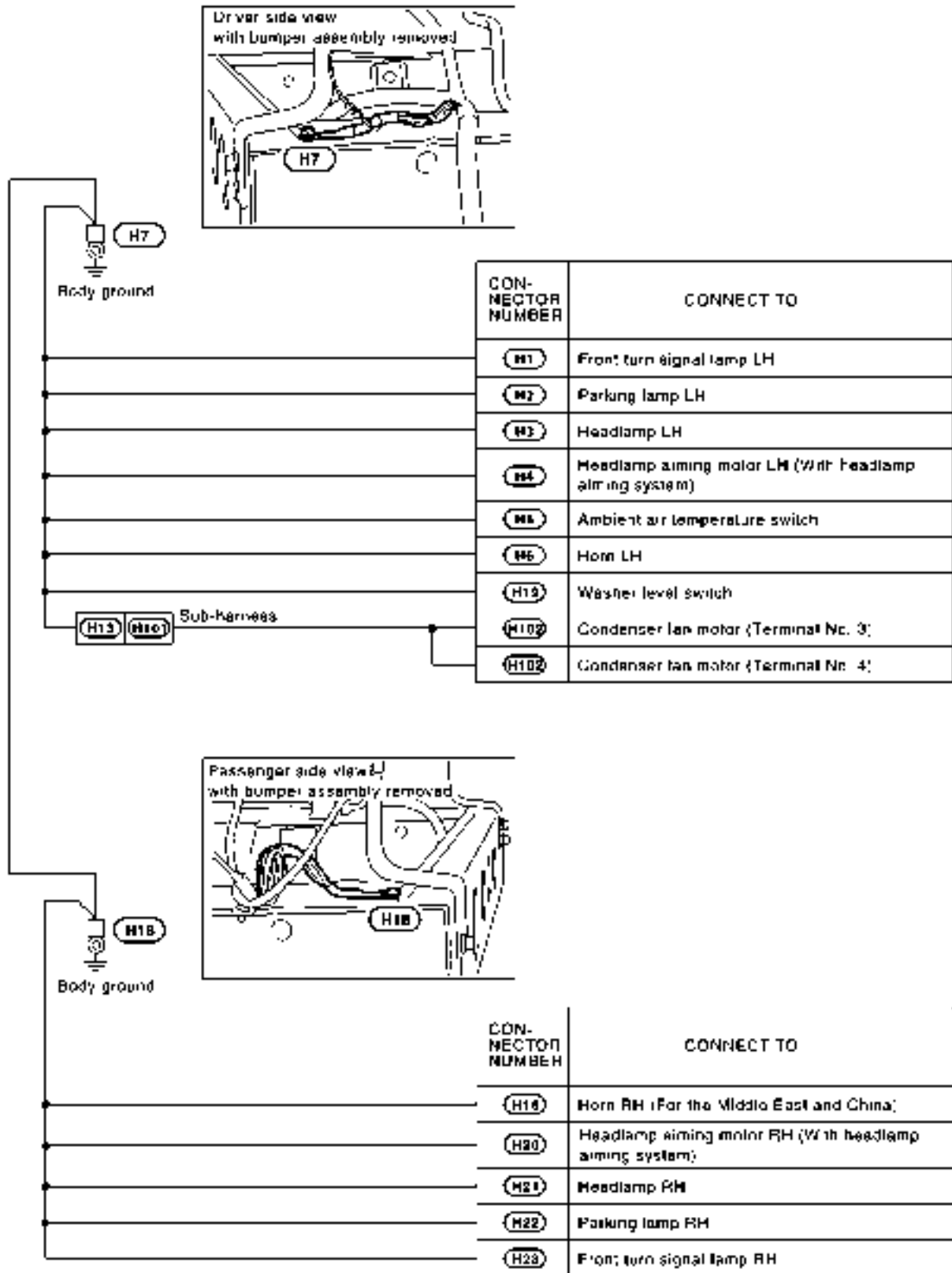
HEADLAMP HARNESS/RHD MODELS



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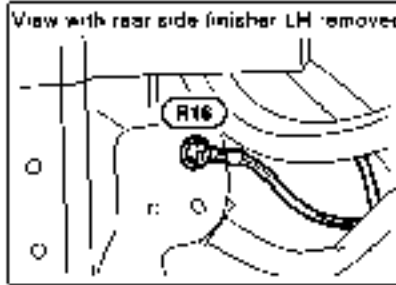
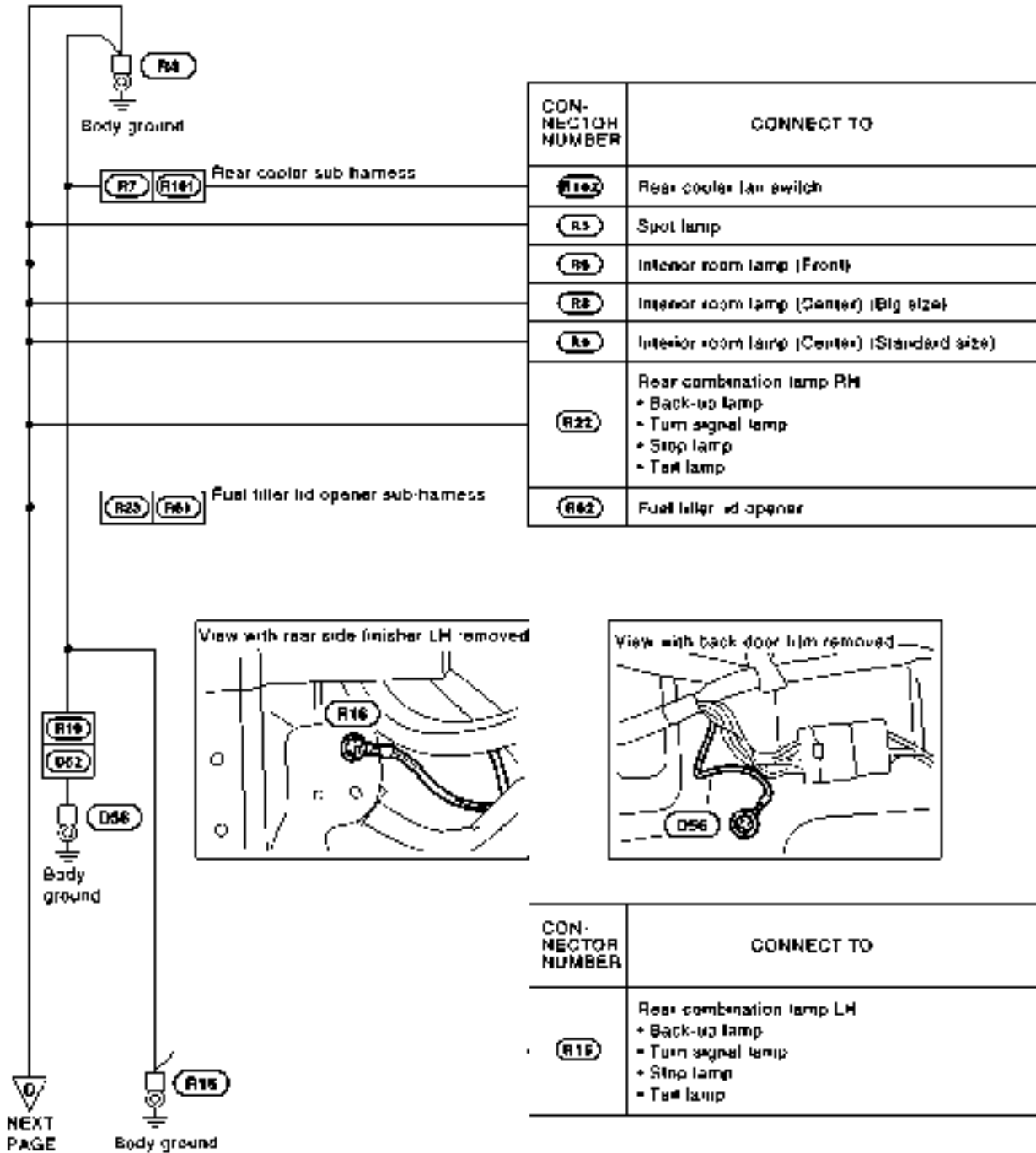
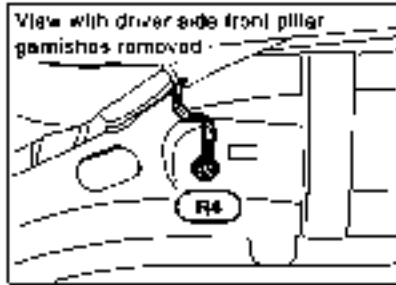
HEADLAMP HARNESS/LHD MODELS



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GROUND

ROOM LAMP HARNESS/RHD MODELS

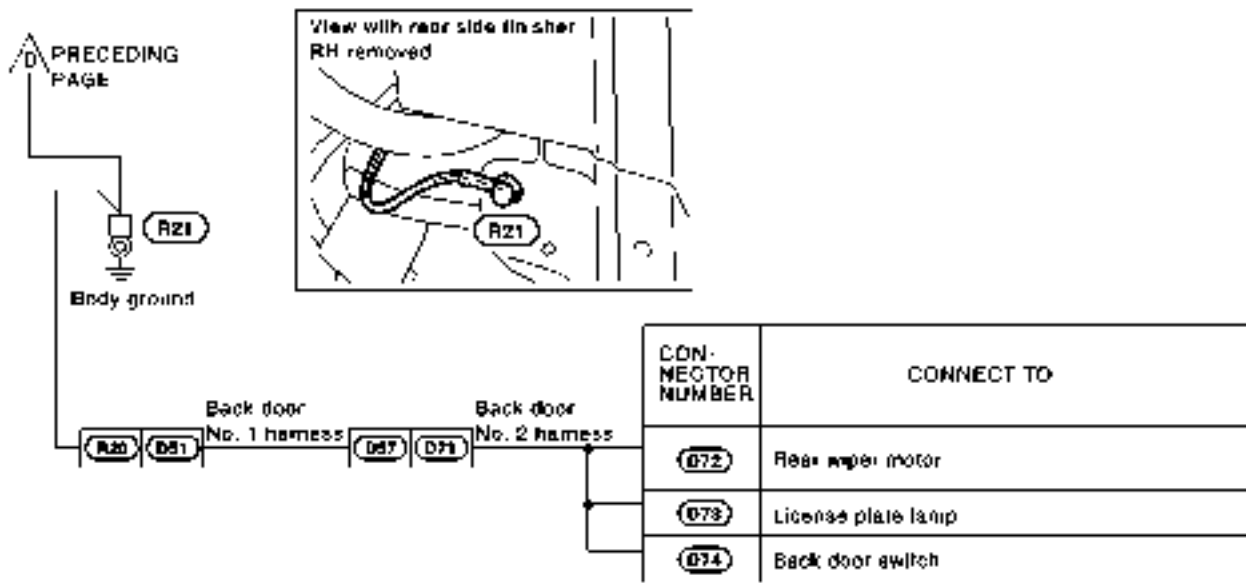


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Body ground

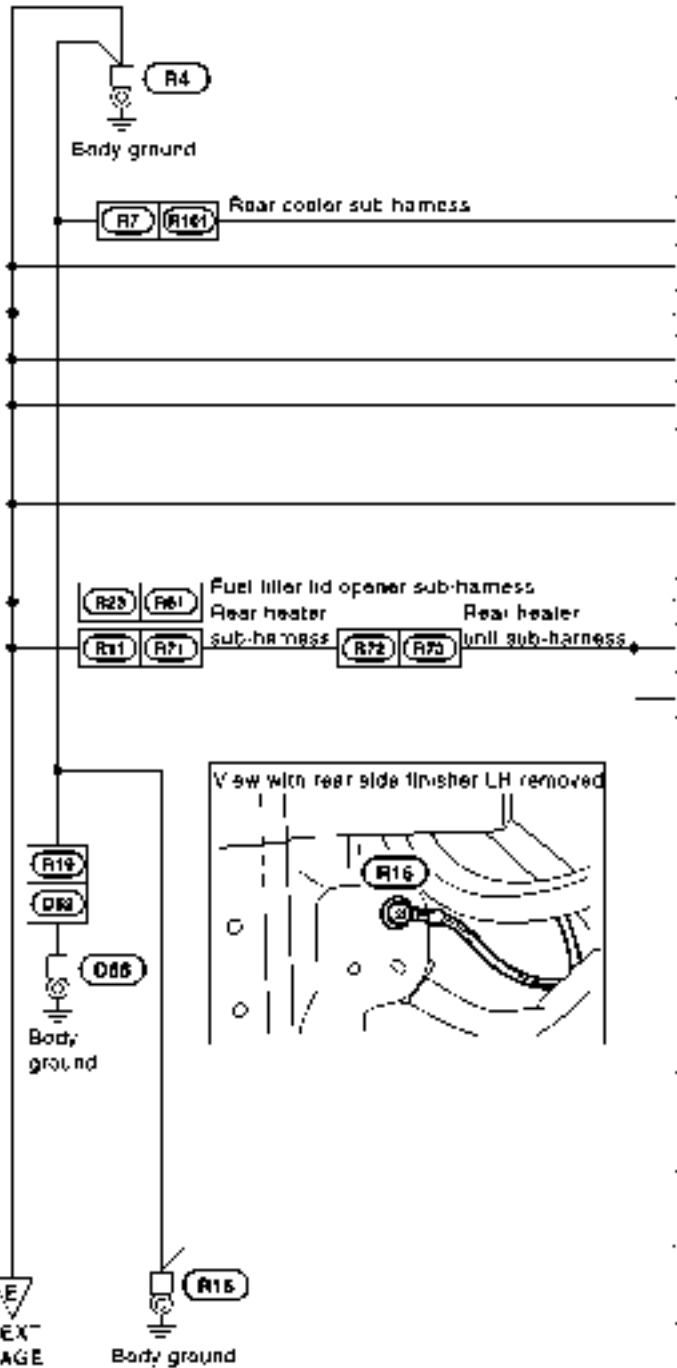
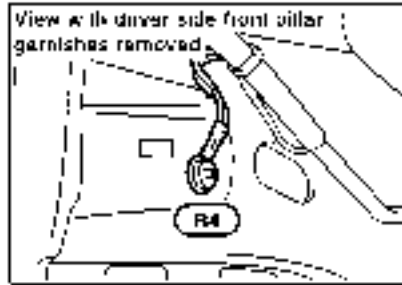
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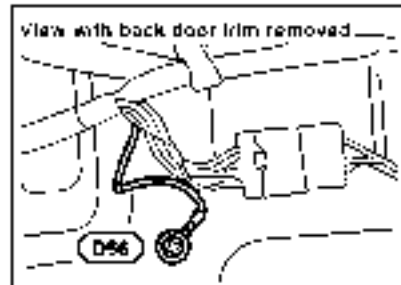
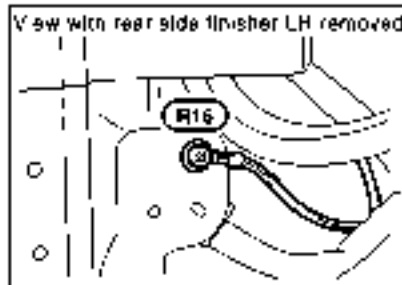


GROUND

ROOM LAMP HARNESS/LHD MODELS



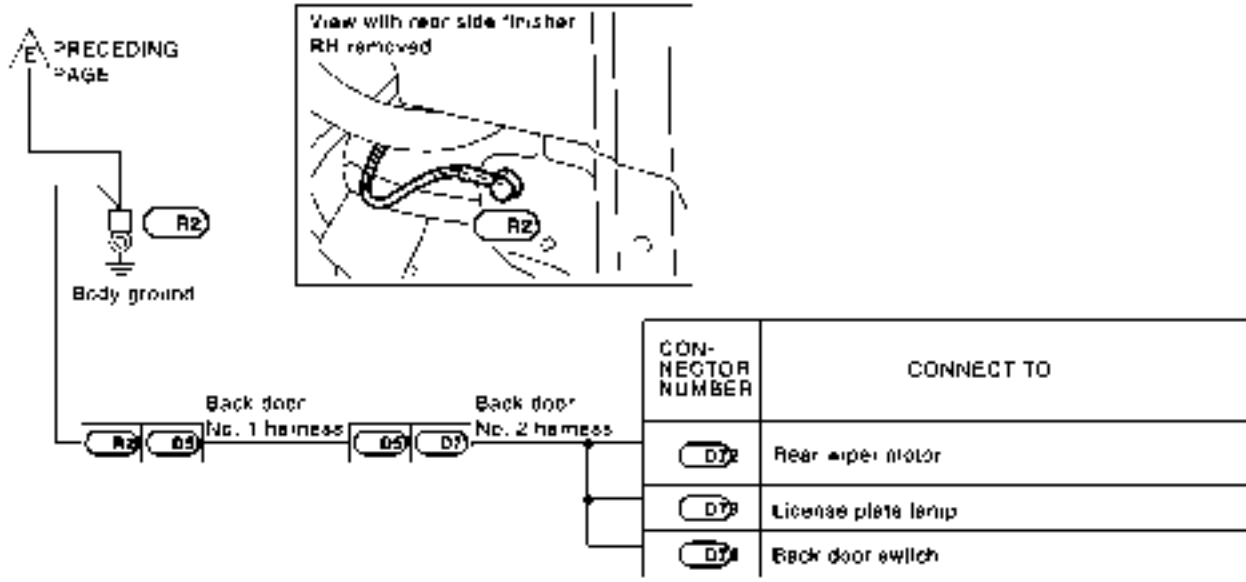
CON- NECTOR NUMBER	CONNECT TO
R102	Rear cooler fan switch
R5	Spot lamp
R6	Interior room lamp (Front)
R8	Interior room lamp (Center) (Big size)
R9	Interior room lamp (Center) (Standard size)
R23	Rear combination lamp RH + Back-up lamp + Turn signal lamp + Stop lamp + Tail lamp
R62	Fuel filler lid opener actuator
R73	Rear heater fan switch (With rear heater)
R74	Rear heater switch (Rear) (With rear heater)



CON- NECTOR NUMBER	CONNECT TO
R15	Rear combination lamp LH + Back-up lamp + Turn signal lamp + Stop lamp + Tail lamp

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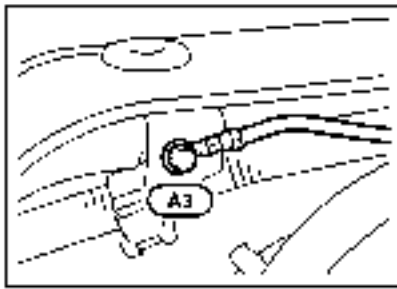


GROUND

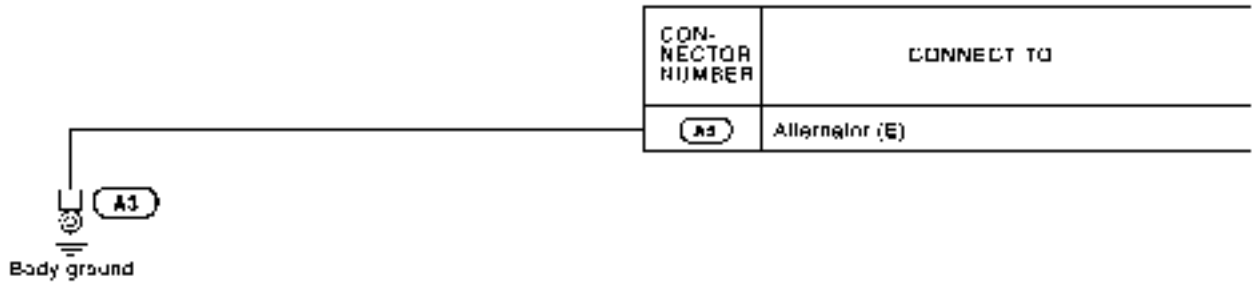
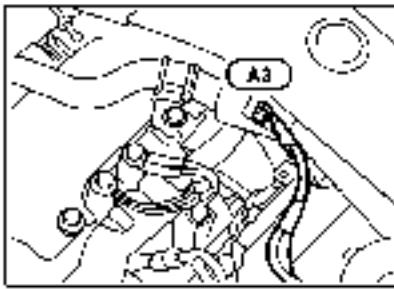
ALTERNATOR HARNESS AND REAR WINDOW DEFOGGER HARNESS

ALTERNATOR HARNESS

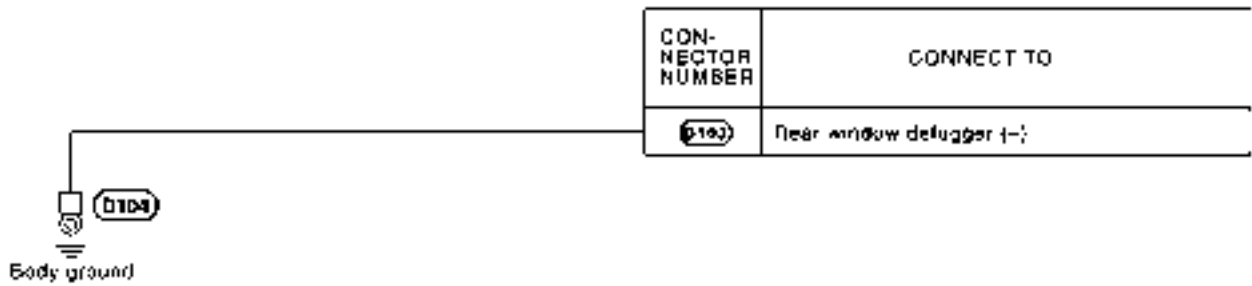
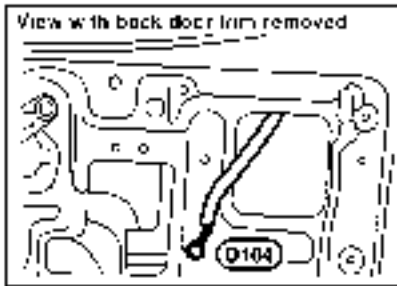
Gasoline engine



Diesel engine



REAR WINDOW DEFOGGER HARNESS



HARNESS

PFP:00011

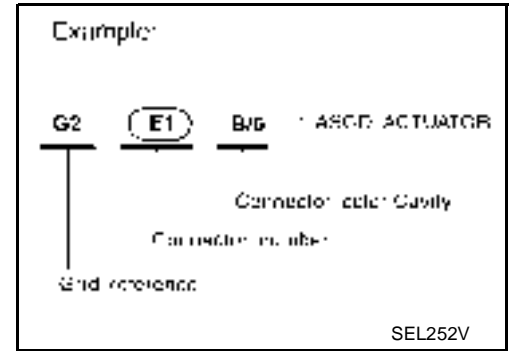
Harness Layout

EKS0020J

HOW TO READ HARNESS LAYOUTS

The following Harness Layouts use a map style grid to help locate connectors on the drawings:

- Main Harness
- Head lamp Harness
- Chassis Harness
- Room lamp Harness
- Front door Harness
- Back door Harness
- Sliding door Harness



To use the grid reference

1. Find the desired connector number on the connector list.
2. Find the grid reference.
3. On the drawing, find the crossing of the grid reference letter column and number row.
4. Find the connector number in the crossing zone.
5. Follow the line (if used) to the connector.

CONNECTOR SYMBOL

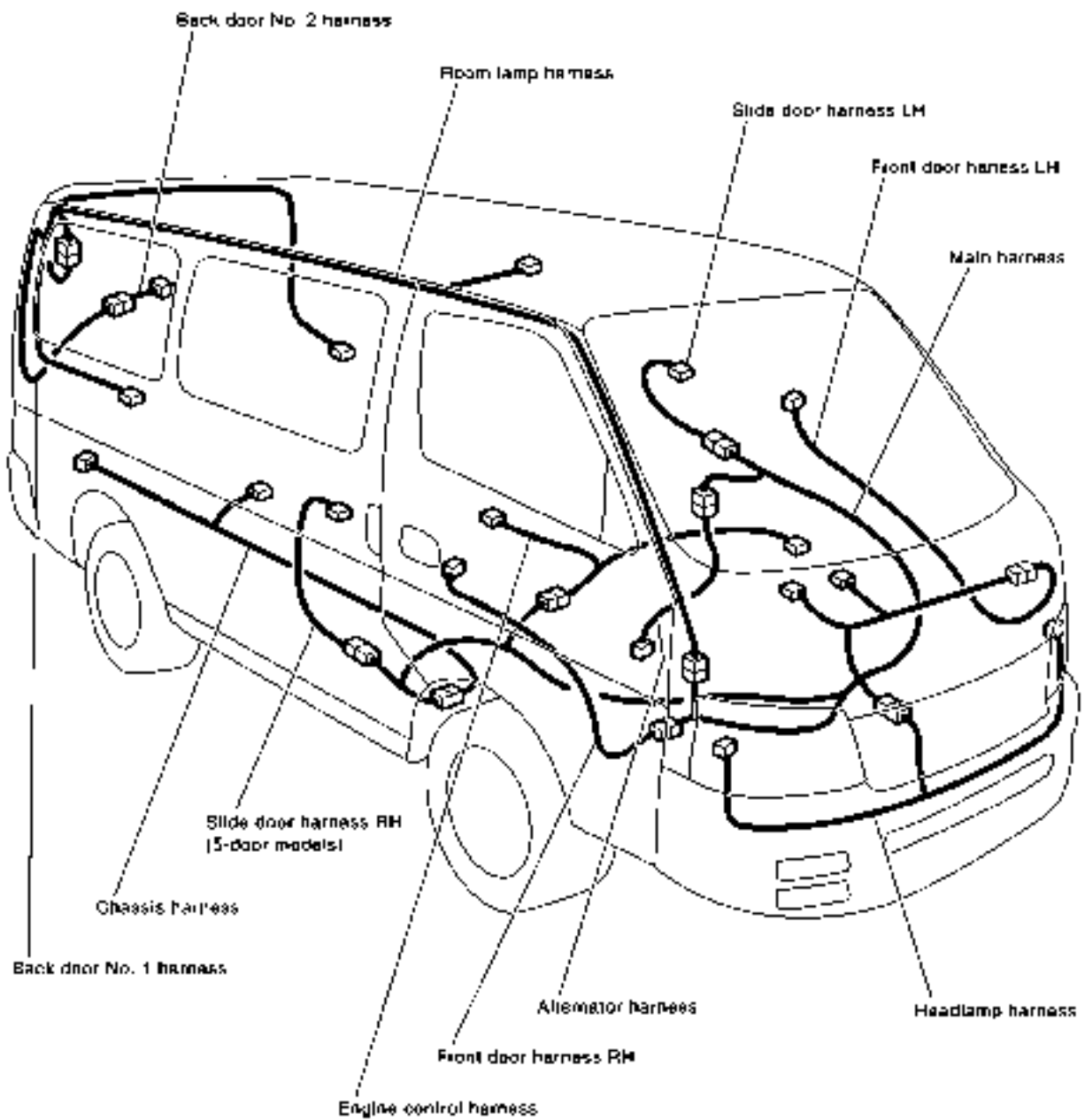
Main symbols of connector (in Harness Layout) are indicated in the below.

Connector type	Water proof type		Standard type	
	Male	Female	Male	Female
+ Cavity, Less than 4 + Relay connector				
+ Cavity, From 5 to 8				
+ Cavity, More than 9	—	—		
+ Ground terminal etc	—	—		

SKIA0404E

HARNESS

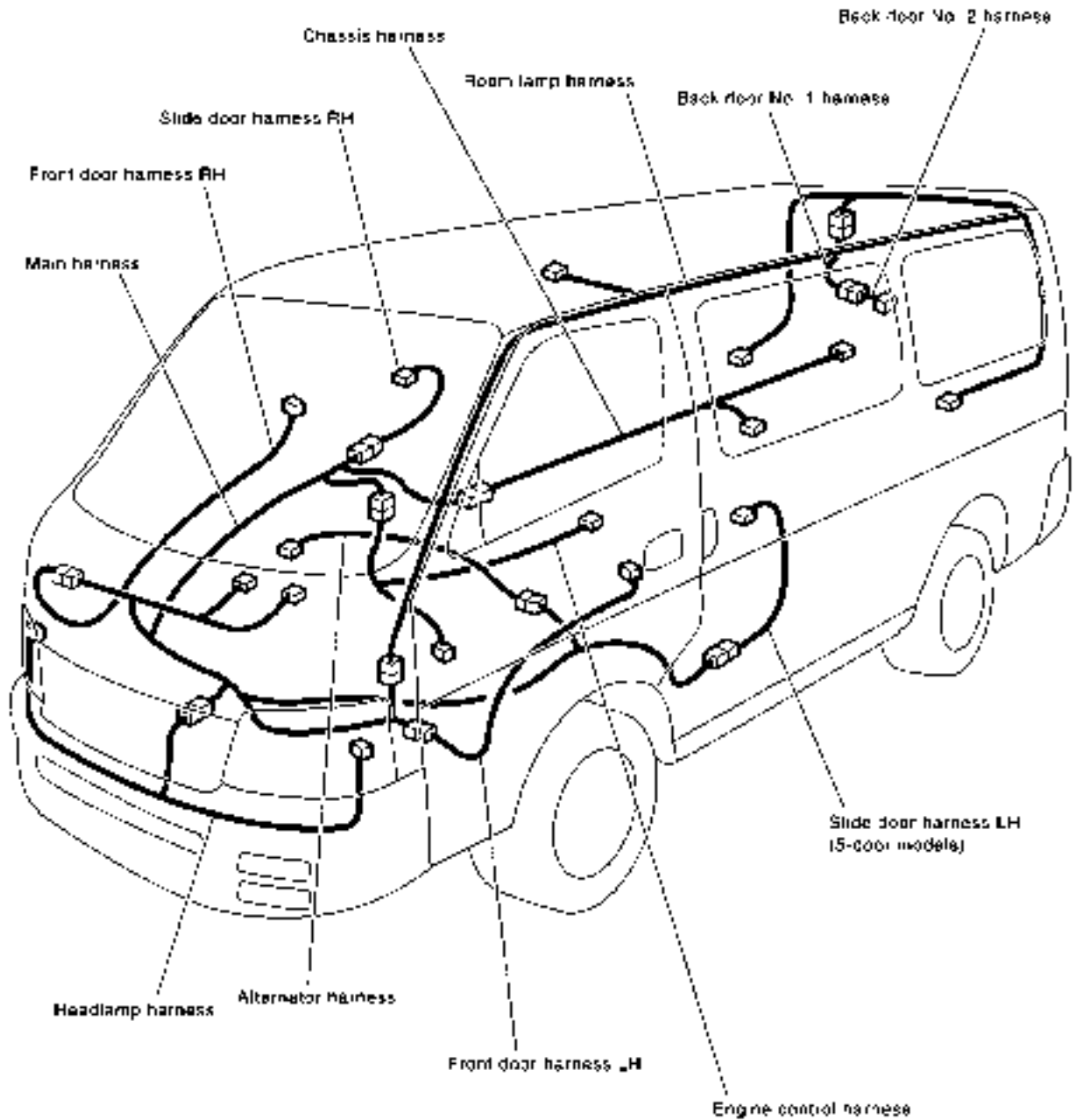
OUTLINE/RHD MODELS



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HARNESSES

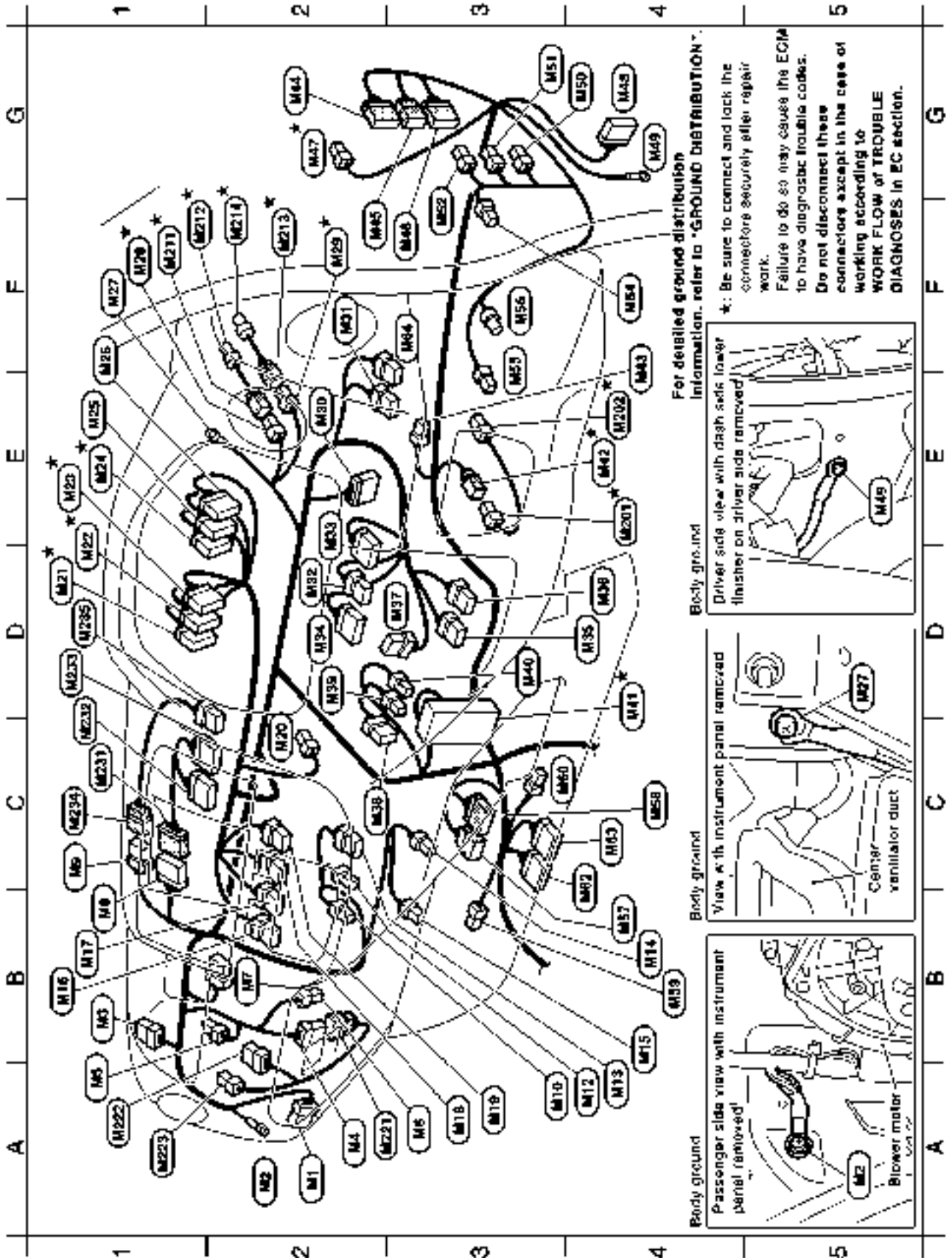
OUTLINE/LHD MODELS



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HARNESS

MAIN HARNESS/RHD MODELS



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Terminal	Wiring	Component	Terminal	Wiring	Component
A2 (M1)	W/8	To (M21)	D4 (M35)	Y/6	Combination switch (Spiral cable)
A7 (M2)	-	Body ground	D4 (M36)	GY/8	Combination switch (Spiral cable)
B1 (M3)	W/8	Front wiper motor	D3 (M37)	W/6	Ignition switch
A2 (M4)	W/8	To (M22)	C2 (M38)	W/6	Fuse block (FR)
A1 (M5)	W/4	Intake flow motor	D2 (M39)	W/4	Fuse block (LR)
A3 (M6)	W/3	Thermo control amp. (With A/C)	D3 (M40)	B/2	Fuse block (J/B)
E2 (M7)	W/6	Door lock relay (With power door lock)	D4 (M41)	-	Fuse block (J/B)
B1 (M8)	W/10	To (M23) *1*3 or Audio *2*4	E4 (M42)	B/2	To (M22)
C1 (M9)	W/6	To (M23) *3 or Audio *4	F1 (M43)	W/2	Diode (Gasoline engine)
A3 (M10)	W/3	Air conditioner switch (With A/C)	G2 (M44)	GY/12	To (M1)
A4 (M12)	W/4	Recirculation switch	F2 (M45)	W/8	To (M2)
A4 (M13)	W/6	Fan switch	F3 (M46)	W/10	To (M3)
B4 (M14)	B/2	Cigarette lighter socket	G2 (M47)	W/3	Accelerator switch (F.C.) (Diesel engine)
B4 (M15)	W/2	Ashtray illumination	G4 (M48)	W/18	To (D1)
B1 (M16)	W/8	Rear cooler switch (Front) (With rear cooler)	G4 (M49)	-	Body ground
B1 (M17)	W/8	Hazard switch	G4 (M50)	W/3	Horn relay
A3 (M18)	W/6	Rear window defogger switch	G3 (M51)	L/4	Front fog lamp relay
A3 (M19)	BF/8	Interior open lamp switch	F3 (M52)	L/4	Rear window defogger relay
C2 (M20)	B/3	Combination flasher unit	F4 (M54)	L/4	Interior room lamp relay
D1 (M21)	W/24	Combination meter (Without tachometer)	F2 (M55)	B/2	Fuel filler lid opener switch
D1 (M22)	BF/20	Combination meter (Without tachometer)	F3 (M56)	GY/2	Brake fluid level switch
E1 (M23)	BF/24	Combination meter (Without tachometer)	B4 (M57)	W/8	To (M24)
E1 (M24)	BF/24	Combination meter (With tachometer)	G4 (M58)	W/10	To (M25)
E1 (M25)	W/20	Combination meter (With tachometer)	B4 (M59)	W/2	Diode (Gasoline engine)
F1 (M26)	DA/20	Combination meter (With tachometer)	C3 (M60)	GY/2	Not used
F1 (M27)	-	Body ground	C4 (M62)	Y/20	Air bag diagnosis sensor unit (With 0 * bag)
F1 (M28)	W/3	To (M21) (Diesel engine)	C4 (M63)	Y/12	Air bag diagnosis sensor unit (With 0 * bag)
F2 (M29)	W/3	To (M23) (Diesel engine)	F3 (M64)	W/8	Heat up switch (Diesel engine)
E2 (M30)	W/16	Data link connector			
F2 (M31)	L/6	Door lock/unlock switch (With power door lock)			
D2 (M32)	W/6	Combination switch (Fog lamp switch)			
E2 (M33)	DA/18	Combination switch (Lighting switch)			
D2 (M34)	GY/12	Combination switch (Wiper and washer switch)			

Stop lamp sub-harness

- *1 (M20) B/2 To (M42)
- *2 (M20) B/2 Stop lamp switch

AWU sub-harness (Diesel engine)

- *1 (M21) W/3 To (M22)
- *2 (M21) BF/3 Accelerator position sensor
- *3 (M21) W/3 To (M23)
- *4 (M21) GY/3 Accelerator position switch

Sub-harness

- A2 (M22) W/8 To (M4)
- A1 (M22) W/6 Horn relay
- A1 (M22) W/2 Blower motor

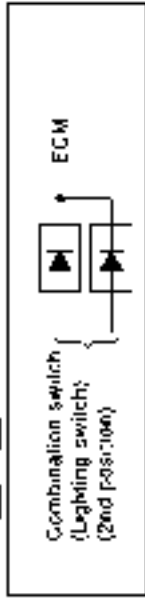
Audio sub-harness

- G1 (M23) W/10 To (M6) *1*3
- G1 (M23) W/10 Audio *1
- D1 (M23) W/10 Audio *3
- C1 (M23) W/8 To (M9) *3
- D1 (M23) W/8 Audio *3

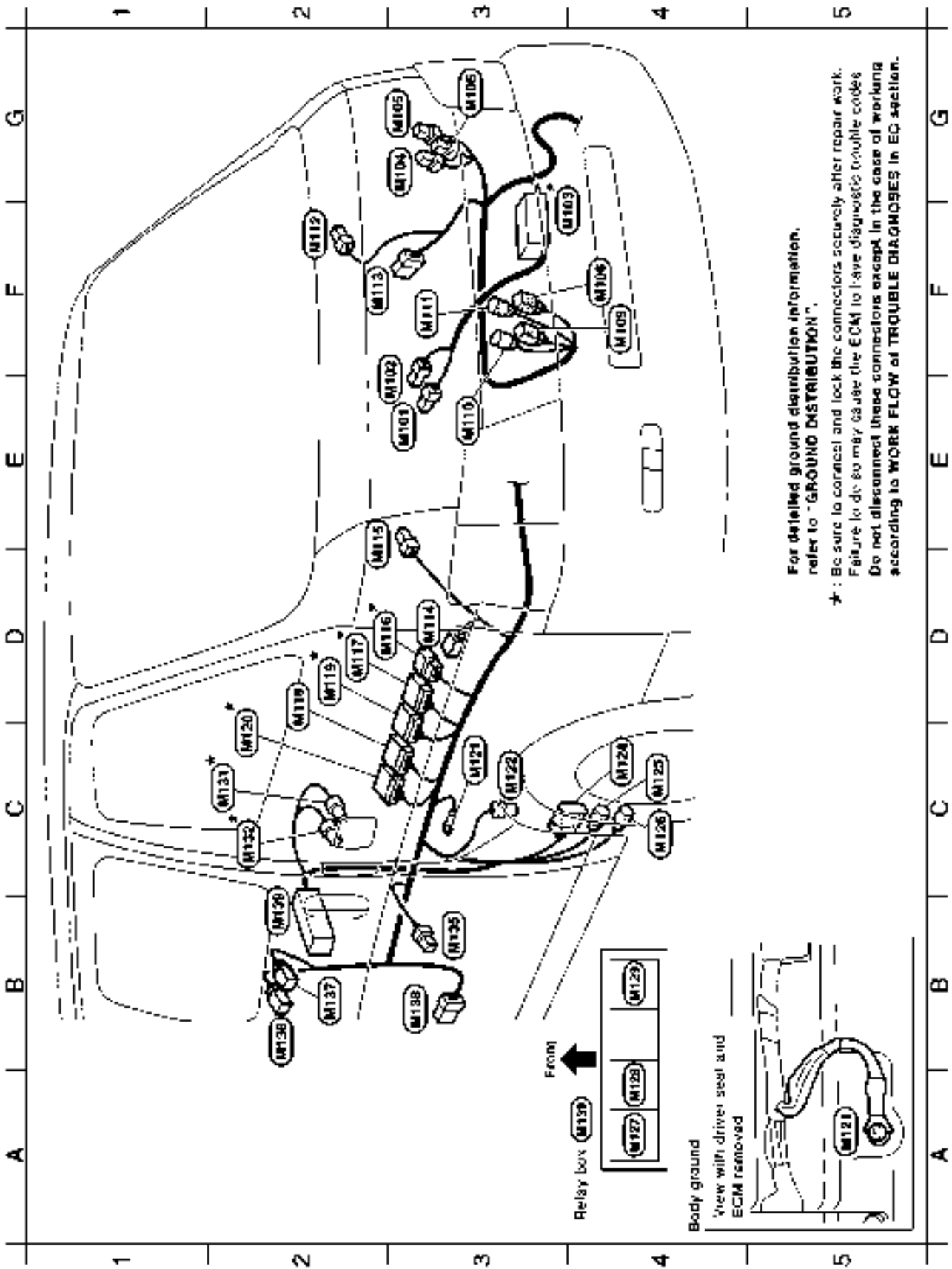
- *1 2 speaker models with MW radio
- *2 2 speaker models except MW radio
- *3 4 speaker models with MW/SW/PM radio
- *4 4 speaker models except MW/SW/PM radio

* : Be sure to connect and lock the connectors securely after repair work.
 Failure to do so may cause the ECM to have diagnostic trouble codes.
 Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC section.

Diode (M43), (M59)



HARNESSES



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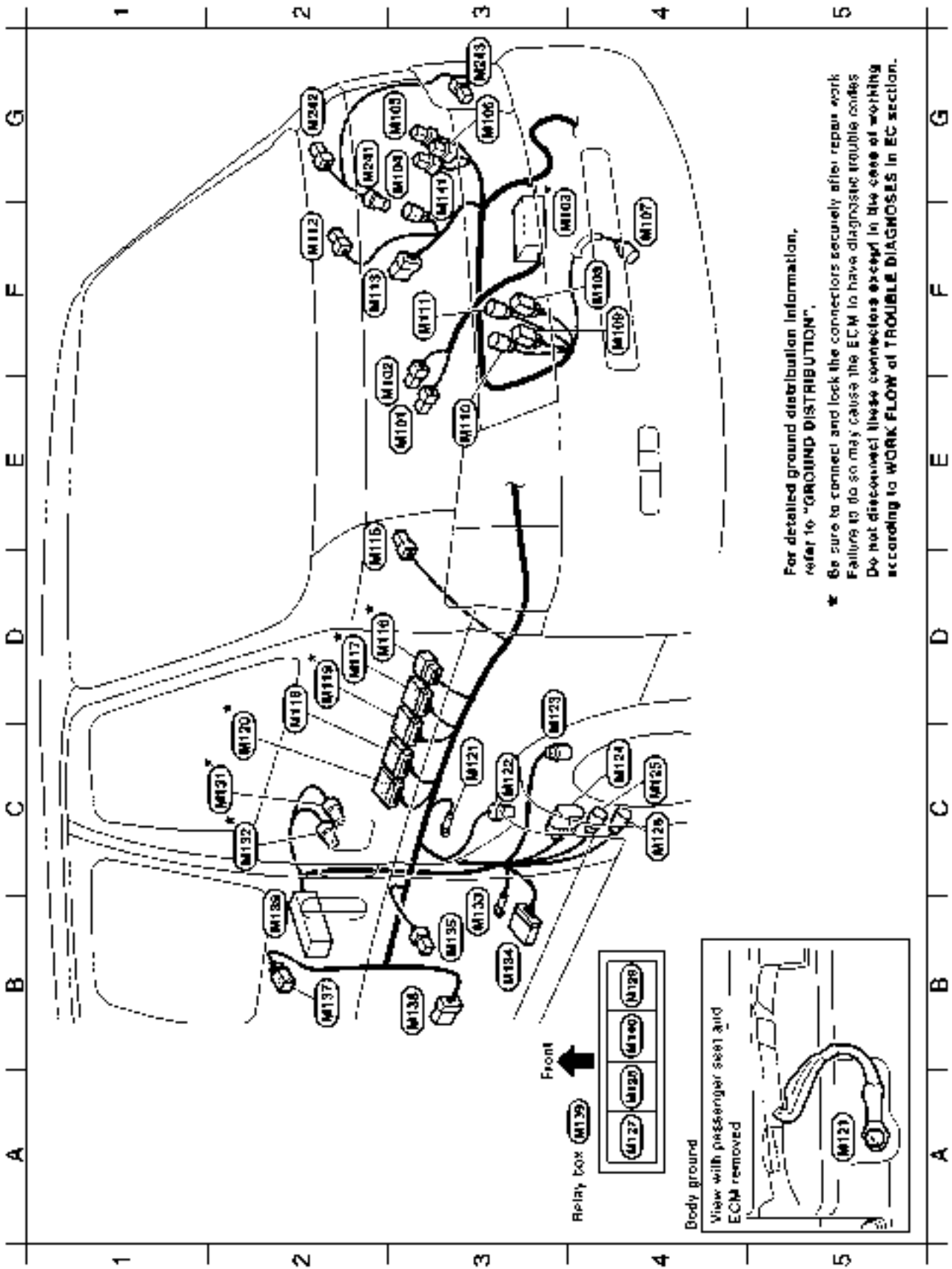
CKIH0134E

- B2 **(M13)** W-4 : Front RH seat belt pretensioner (With air bag)
- B7 **(M13)** W-4 : Gummy connector-1
- B3 **(M13)** W-5 : Slide door contact switch RH (Pillar) (5-door models)
- B2 **(M13)** : Relay box

★ Be sure to connect and lock the connector's securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes. Do not disconnect these connectors except in the case of working according to **WORK FLOW of TROUBLE DIAGNOSES** in EC section.

- E3 **(M10)** B-1 : Battery
- F1 **(M10)** B-1 : Battery
- F3 **(M10)** : Fuse and fusible link box
- G3 **(M10)** G-2 : Glow relay (Diesel engine)
- G3 **(M10)** W-1 : Glow relay (Diesel engine)
- G3 **(M10)** W-1 : Glow relay (Diesel engine)
- F4 **(M10)** B-1 : In **(AT)** (Diesel engine)
- F4 **(M10)** L-2 : To **(AT)**
- E3 **(M10)** GY-3 : To **(AB)** (Diesel engine)
- F3 **(M10)** GY-2 : To **(AZ)** (Gasoline engine)
- F2 **(M12)** W-3 : Front door switch LH
- F3 **(M13)** W-6 : Steering door contact switch LH (Pillar)
- D1 **(M16)** BR-2 : Parking brake switch
- E2 **(M16)** BR-2 : Park/Neutral position switch
- D2 **(M16)** W-6 : To **(F13)**
- D2 **(M16)** W-10 : To **(F14)** (Gasoline engine)
- D2 **(M16)** W-16 : To **(F15)** (Gasoline engine)
- D2 **(M16)** W-16 : To **(F16)** (Diesel engine)
- C2 **(M20)** W-24 : To **(F17)** (Diesel engine)
- C3 **(M21)** : Body ground
- C3 **(M22)** BR-2 : Fuel filter switch
- C4 **(M23)** GY-1L : To **(G1)**
- C4 **(M23)** B-4 : To **(G2)** (Gasoline engine)
- C4 **(M23)** B-2 : To **(G3)** (Diesel engine)
- A4 **(M26)** BR-6 : Condenser fan relay (With A-C)
- A4 **(M26)** BR-6 : Air conditioner relay (With A-C)
- B4 **(M26)** L-4 : Fuel pump relay (Gasoline engine)
- C2 **(M30)** BR-4 : Mass air flow sensor (Gasoline engine)
- C2 **(M30)** GY-2 : Intake air temperature sensor (Diesel engine)
- B3 **(M33)** W-3 : Front door switch RH

HARNESSES

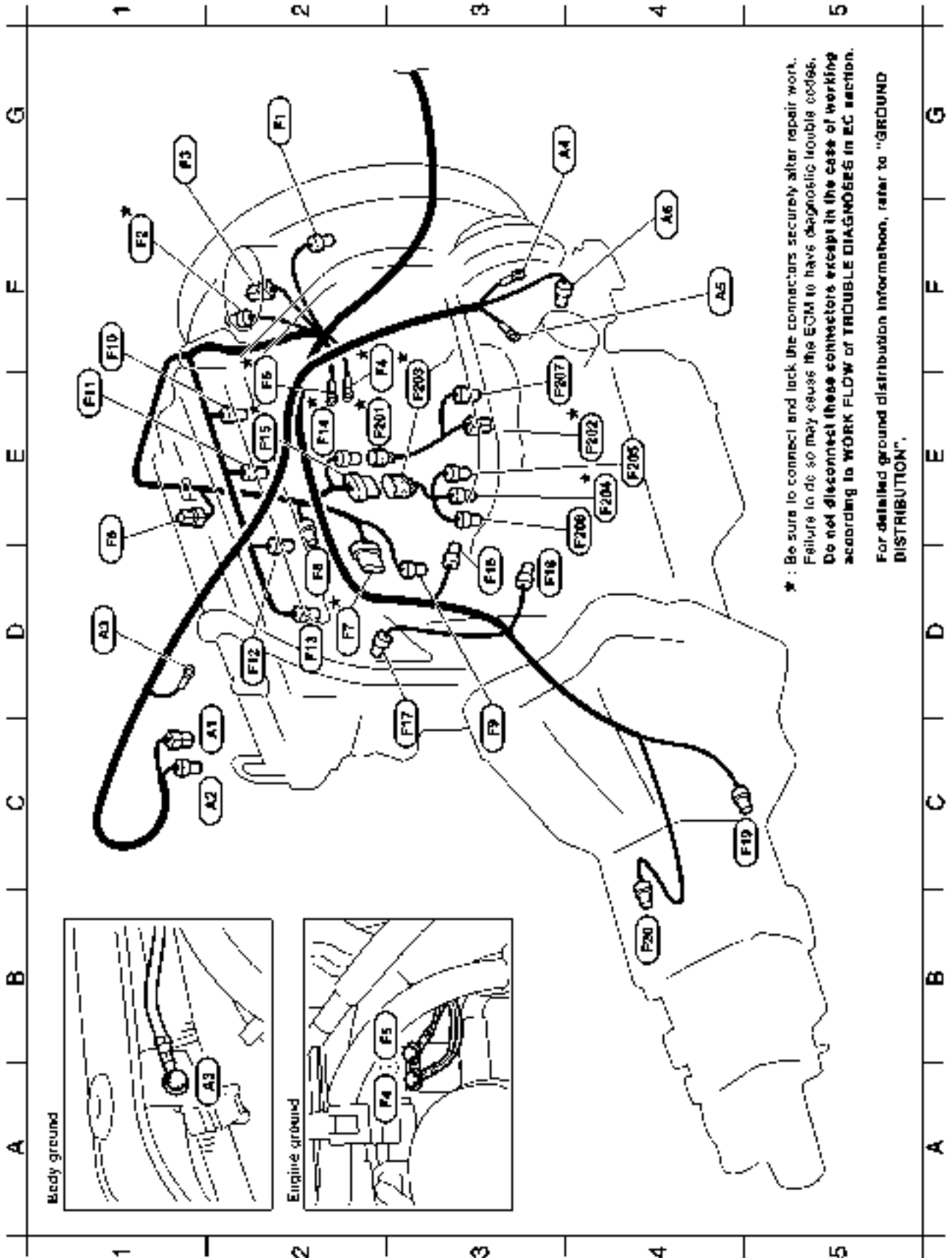


E3	(M10)	B:1	: Battery
E3	(M10)	B:1	: Battery
F3	★ (M10)	-	: Fuse and fusible link box
G3	(M10)	G:2	: Glow relay (Diesel engine)
G3	(M10)	W:1	: Glow relay (Diesel engine)
G3	(M10)	W:1	: Glow relay (Diesel engine)
F4	(M10)	G:Y:2	: Front wheel sensor LH (With ABS)
F4	(M10)	B:1	: To (A7) (Diesel engine)
F4	(M10)	L:2	: To (A1)
E3	(M11)	G:Y:3	: To (A8) (Diesel engine)
F3	(M11)	G:Y:2	: To (A1) (Gasoline engine)
F2	(M11)	W:3	: Front door switch LH
F3	(M11)	W:6	: Sliding door contact switch LH (Pillar) (2-door models)
E2	(M11)	6P:2	: Park/Neutral Position switch
D2	★ (M11)	W:8	: To (F10)
D2	★ (M11)	W:10	: To (F10) (Gasoline engine)
D2	(M11)	W:16	: To (F10) (Gasoline engine)
D2	★ (M11)	W:16	: To (F10) (Diesel engine)
G2	★ (M12)	W:24	: To (F10) (Diesel engine)
G3	(M12)	-	: Body ground
C3	(M12)	6R:2	: Fuel filter switch
D3	(M12)	6R:2	: Front wheel sensor RH (With ABS)
G4	(M12)	G:Y:10	: To (C1)
C4	(M12)	B:4	: To (G2) (Gasoline engine)
G4	(M12)	B:2	: To (G3) (Diesel engine)
A1	(M12)	6R:5	: Condenser fan relay (With A/C)
A4	(M12)	6R:5	: Air conditioner relay (With A/C)
B4	(M12)	L:4	: Fuel pump relay (Gasoline engine)
G2	★ (M13)	6P:4	: Mass air flow sensor (Gasoline engine)
G2	★ (M13)	G:Y:2	: Intake air temperature sensor (Diesel engine)
B3	(M13)	-	: Body ground (With ABS)
63	(M13)	D:31	: ABS actuator and electric unit (With ABS)
63	(M13)	W:3	: Front door switch RH
B2	(M17)	W:4	: Dummy connector-1
B3	(M17)	W:6	: Sliding door contact switch RH (Pillar)
B2	(M17)	-	: Relay box
B4	(M17)	L:4	: Rear fog lamp relay (With rear fog lamp)
G3	(M17)	B:4	: To (M27)
Air bag harness (With air bag)			
G2	(M21)	B:4	: To (M17)
G2	(M22)	W:4	: Front LH seat belt pretensioner
G3	(M22)	W:3	: Seat belt buckle switch LH

★ : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes. Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC section.

HARNESS

ENGINE CONTROL HARNESS AND ALTERNATOR HARNESS/KA ENGINE MODELS

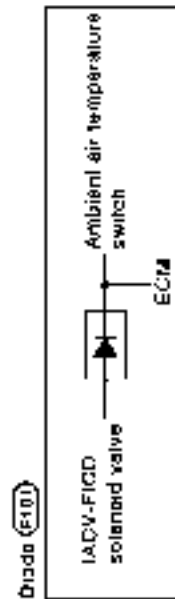
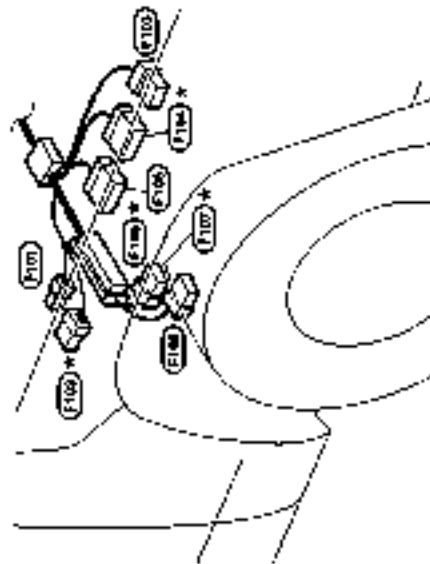


* : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes. Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSIS in EC section.
 For detailed ground distribution information, refer to "GROUND DISTRIBUTION".

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G2	F1	B/2	Power steering oil pressure switch
F1	F2	GY/2	Engine coolant temperature sensor
G1	F3	B/1	Thermal transmitter
F2	F4	-	Engine ground
E2	F5	-	Engine ground
E1	F6	W/2	Resistor
D2	F7	GY/6	Distributor
D2	F8	GY/2	Distributor
C3	F9	B/1	Compressor (With A/C)
F1	F10	GY/2	Injector No. 1
C1	F11	GY/2	Injector No. 2



Alternator harness

C2	A1	L/2	To F103
C2	A2	GY/2	To F111
D1	A3	-	Body ground
G3	A4	-	Alternator (B)
F4	A5	-	Alternator (E)
F4	A8	GY/2	Alternator (S, L)

D2	F12	GY/2	Injector No. 3
D2	F13	GY/2	Injector No. 4
E2	F14	B/3	To F201
E2	F15	GY/8	To F203
U3	F16	BR/2	IACV-AAC valve
C3	F17	B/3	Heated oxygen sensor
D3	F18	GY/1	Starter motor
C5	F19	GY/2	Back-up lamp switch
B4	F20	GY/2	Vehicle speed sensor

F101 : Diode
F102 : BR/8 : ECM relay
F103 : W/5 : Tu F109
F104 : W/10 : To F117
F105 : W/16 : To F119
F106 : SMJ : ECM
F107 : GY/8 : Joint connector:2
F108 : GY/8 : Joint connector:1

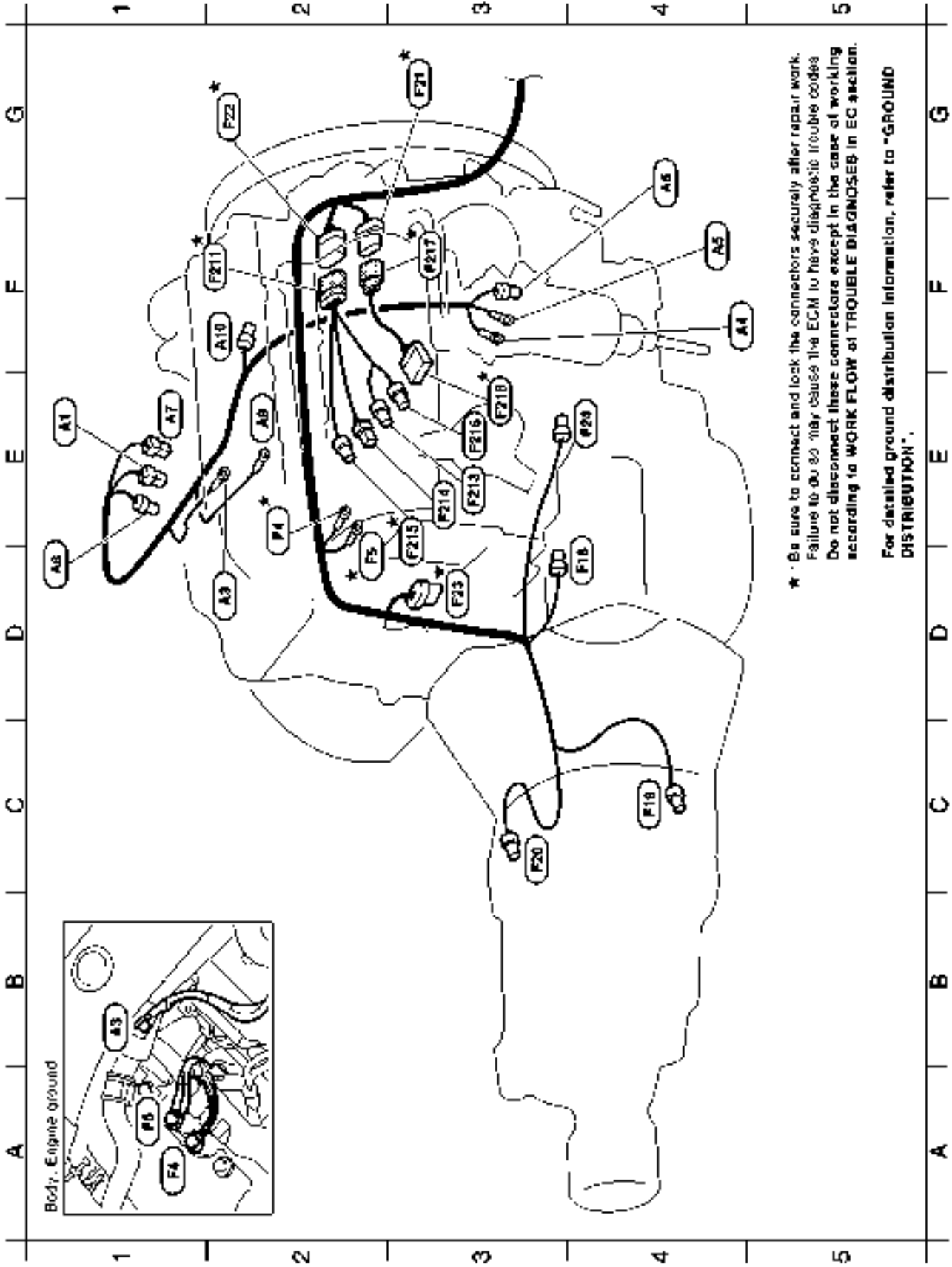
Engine sub-harness No. 1
E2 : F201 : B/3 : Tu F114
E4 : F202 : -/2 : Knock sensor
E3 : F207 : GY/1 : Oil pressure switch

Engine sub-harness No. 2
E3 : F208 : GY/8 : Tu F115
E4 : F204 : BR/3 : Throttle position sensor
E4 : F206 : GY/2 : IACV-FICD solenoid valve
E4 : F209 : GY/3 : Not used

*** : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes. Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC section.**

HARNESS

ENGINE CONTROL HARNESS AND ALTERNATOR HARNESS/ZD ENGINE MODELS



★ Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes. Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC section.

For detailed ground distribution information, refer to "GROUND DISTRIBUTION".

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* F102	W/16	To M119
* F110	W/24	To M123
* F111	SMU	ECM

Engine sub-harness No. 1

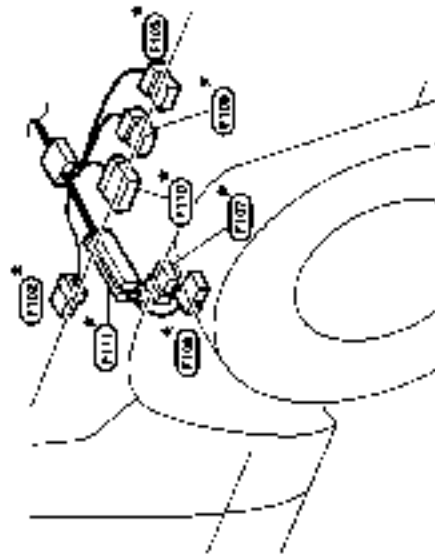
* F211	GY/10	To F22
* F213	B/2	Intake air control valve control solenoid valve-1
* F214	B/1	Thermal transmitter
* F219	GY/2	Engine coolant temperature sensor
* F216	6R/2	Intake air control valve control solenoid valve-2

* F4	-	Engine ground
* FE	-	Engine ground
* F1B	GY/1	Starter motor
* F1C	GY/7	Rank-in lamp switch
* F20	GY/2	Vehicle speed sensor
* F21	GY/6	To F217
* F22	GY/10	To F211
* F23	GY/8	EGR volume control valve
* F24	GY/1	Oil pressure switch
* F102	R/R/6	FCM relay
* F103	W/6	To M119
* F107	GY/6	Joint connector-2
* F109	W/6	Joint connector-1

Alternator harness		
E1	A1	U/2 To M119
D/2	A3	- Rofly ground
F4	A4	- Alternator (R)
F4	A5	- Alternator (E)
G4	A6	GY/2 Alternator (S L)
E1	A7	B/1 To M119
O1	A8	GY/3 To M119
C2	A9	- Clow plug
F2	A10	B/1 Compressor (With A/C)

Engine sub-harness No. 2

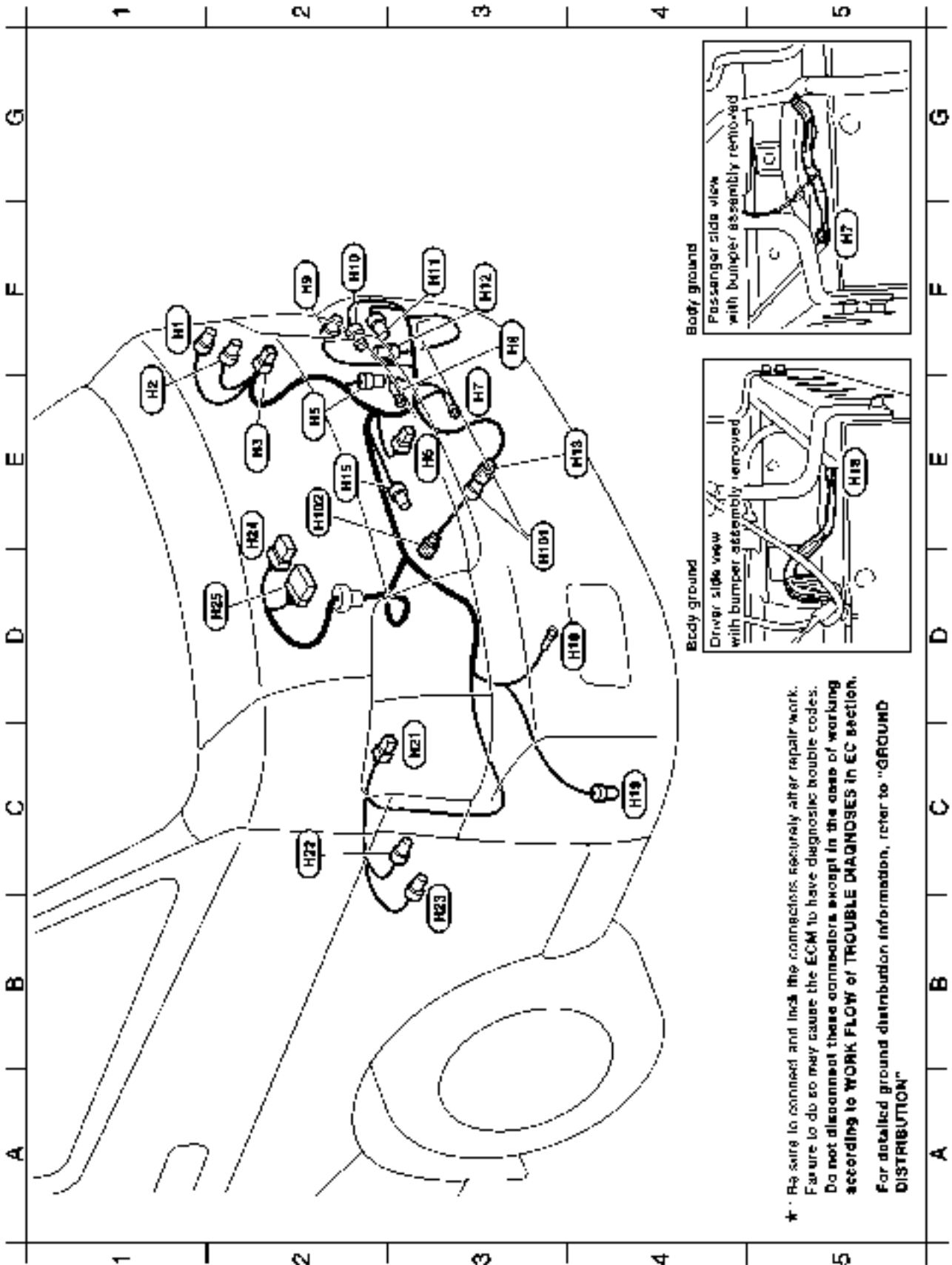
* F217	GY/6	To F21
* F218	R/9	Electronic control fuel injection pump



* Be sure to connect and lock the connectors securely after repair work.
 Failure to do so may cause the ECM to have diagnostic trouble codes.
 Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC section.

HARNESSES

HEADLAMP HARNESS/RHD MODELS



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F1 (H1)	GY:2	:	Front turn signal lamp LH
E1 (H2)	-1?	:	Parking lamp LH
E2 (H3)	B/3	:	Headlamp LH
E2 (H5)	BR:2	:	Ambient air temperature switch (Gasoline engine with A/C)
E3 (H6)	B/1	:	Horn LH
E3 (H7)	-	:	Body ground
F5 (H8)	-	:	Horn ground LH
F2 (H9)	GY:2	:	Front fog lamps LH
F2 (H10)	BR:2	:	Rear washer motor
F3 (H11)	GY:2	:	Front washer motor
F3 (H12)	BR:2	:	Washer level switch
E4 (H13)	B/4	:	To (H10)
E2 (H15)	B/2	:	Dual-pressure switch (With A/C)
D4 (H18)	-	:	Body ground
C4 (H18)	GY:2	:	Front fog lamp RH
C3 (H21)	B/3	:	Headlamp RH
C2 (H22)	-2	:	Parking lamp RH
B3 (H23)	GY:2	:	Front turn signal lamp RH
E2 (H24)	W/8	:	To (E37)
B2 (H26)	W/18	:	To (W18)

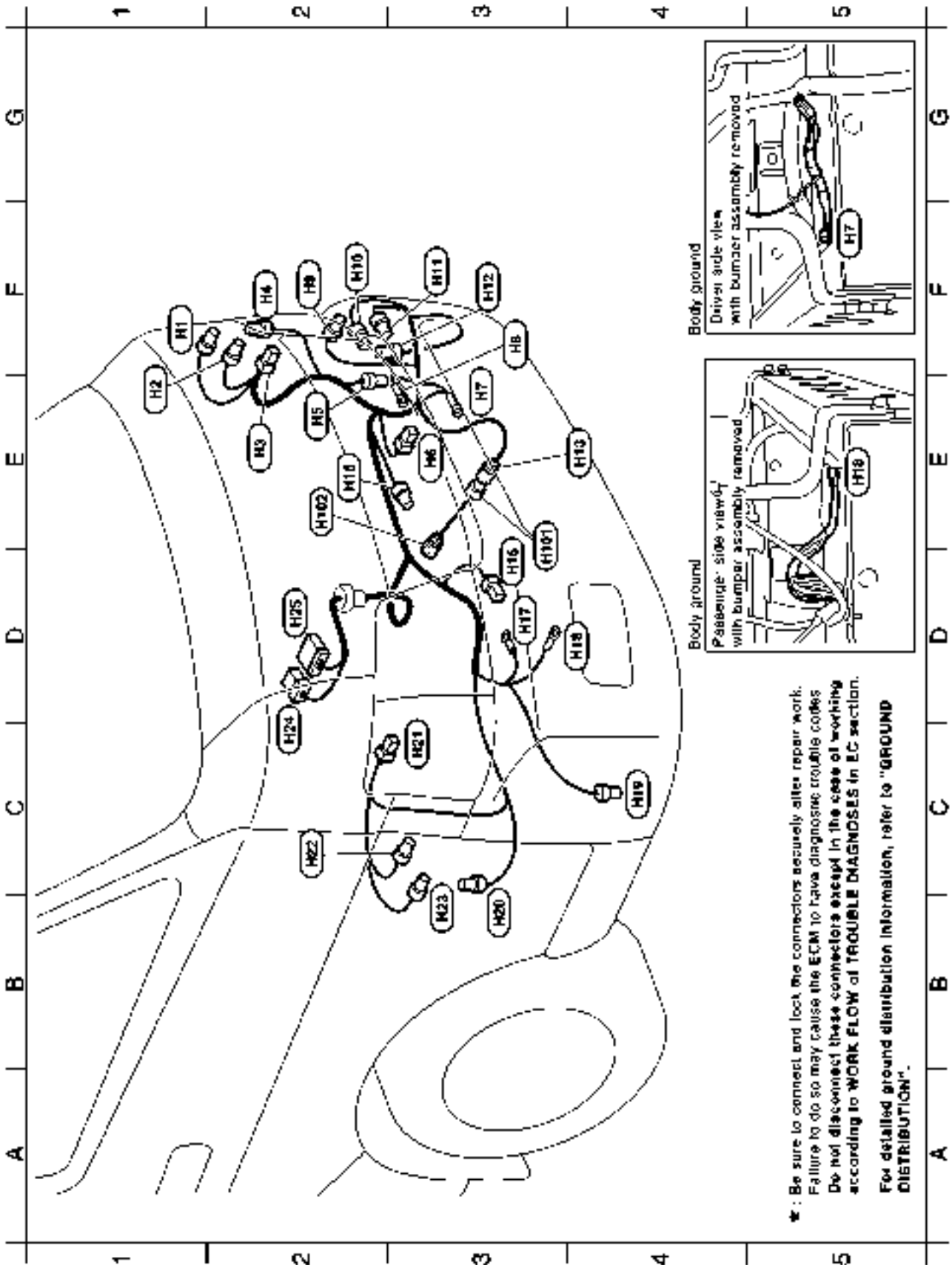
Sub-harness

E3 (H10)	B/4	:	To (H13)
E2 (H10)	B/4	:	Condenser fan motor

* : Be sure to connect and lock the connectors securely after repair work.
 Failure to do so may cause the ECM to have diagnostic trouble codes.
Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC section.

HARNESSES

HEADLAMP HARNESS/LHD MODELS



* : Be sure to connect and lock the connectors securely after repair work.
 Failure to do so may cause the ECM to have diagnostic trouble codes.
 Do not disconnect these connectors except in the case of working according to **WORK FLOW of TROUBLE DIAGNOSES** in EC section.
 For detailed ground distribution information, refer to "GROUND DISTRIBUTION".

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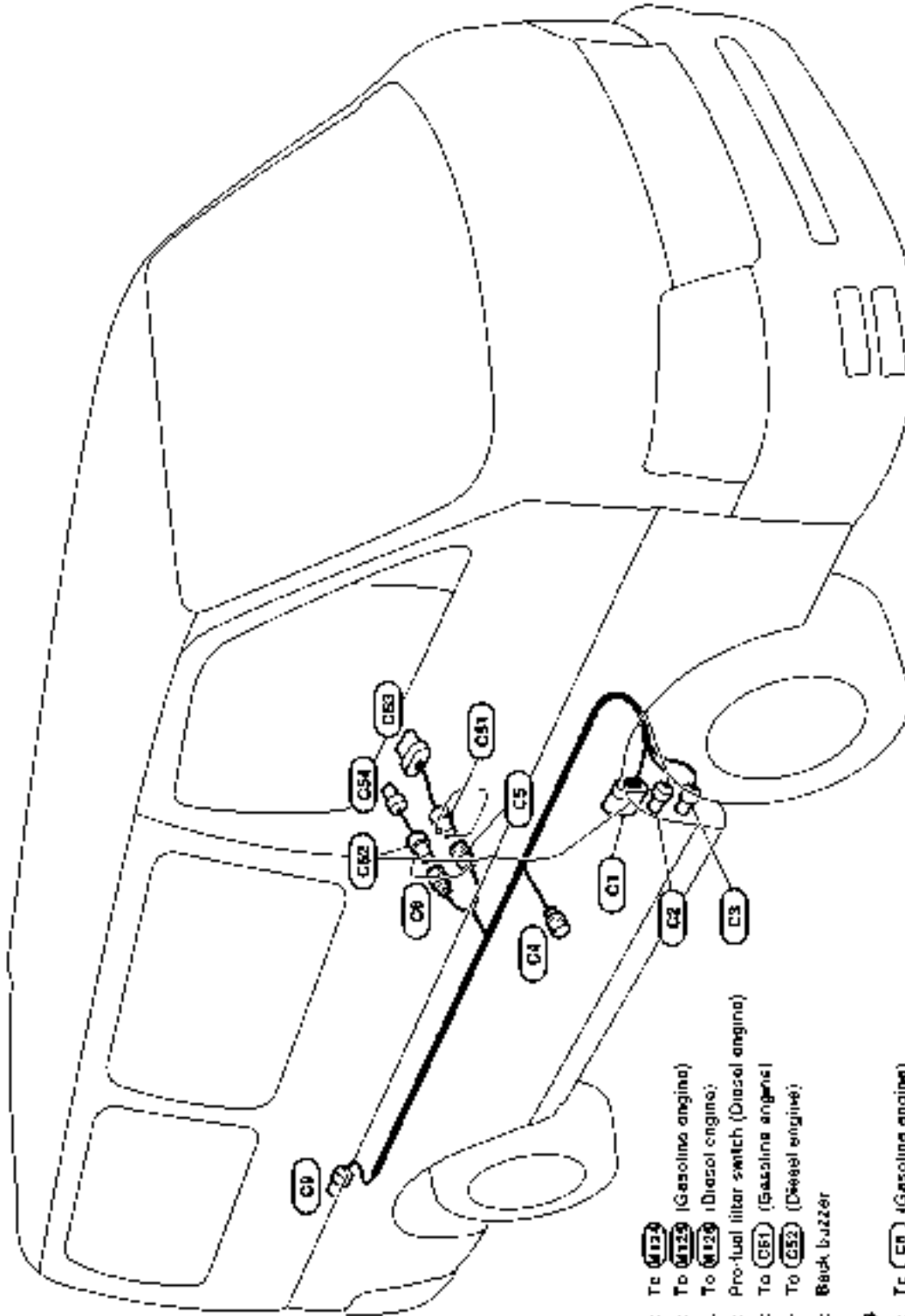
PG

F1 (H1)	GY/2	: Front turn signal lamp LH
E1 (H2)	-/2	: Parking lamp LH
E2 (H3)	B/3	: Headlamp LH
F2 (H4)	-/3	: Headlamp aiming motor LH (With headlampaiming system)
E2 (H5)	BR/2	: Ambient air temperature switch (Gasoline engine with A/C)
E3 (H6)	D/1	: Horn LH
E3 (H7)	-	: Body ground
F3 (H8)	-	: Horn ground LH
F2 (H9)	GY/2	: Front fog lamp LH
F2 (H10)	BR/2	: Rear washer motor
F3 (H11)	GY/2	: Front washer motor
F3 (H12)	BR/2	: Washer level switch
E4 (H13)	D/4	: To (M10)
E2 (H14)	B/2	: Dual-pressure switch (With A/C)
D4 (H15)	B/1	: Horn RH (For the Middle East and China)
D4 (H17)	-	: Horn ground RH (For the Middle East and China)
D4 (H16)	-	: Body ground
G4 (H18)	GY/2	: Front fog lamp RH
B3 (H20)	-/3	: Headlamp aiming motor RH (With headlamp aiming system)
C3 (H21)	B/3	: Headlamp RH
C2 (H22)	-/2	: Parking lamp RH
B3 (H23)	GY/2	: Front turn signal lamp RH
C2 (H24)	W/8	: To (M57)
D2 (H25)	W/18	: To (M58)
Sub-harness		
E3 (H19)	B/4	: To (H19)
E2 (H18)	B/4	: Condenser fan motor

* : Be sure to connect and lock the connectors securely after repair work.
 Failure to do so may cause the ECM to have diagnostic trouble codes.
 Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC section.

HARNESS

CHASSIS HARNESS/RHD MODELS



- C1 GY10 : To M124
- C2 B14 : To M125 (Gasoline engine)
- C3 B12 : To M126 (Diesel engine)
- C4 BR12 : Pro-fuel filter switch (Diesel engine)
- C5 GY14 : To C61 (Gasoline engine)
- C6 GY2 : To C32 (Diesel engine)
- C7 GY2 : Back buzzer

Sub-harness

- C11 GY14 : To C6 (Gasoline engine)
- C12 GY2 : To C6 (Diesel engine)
- C13 GY5 : Fuel level sensor and fuel pump (Gasoline engine)
- C14 GY3 : Fuel level sensor unit (Diesel engine)

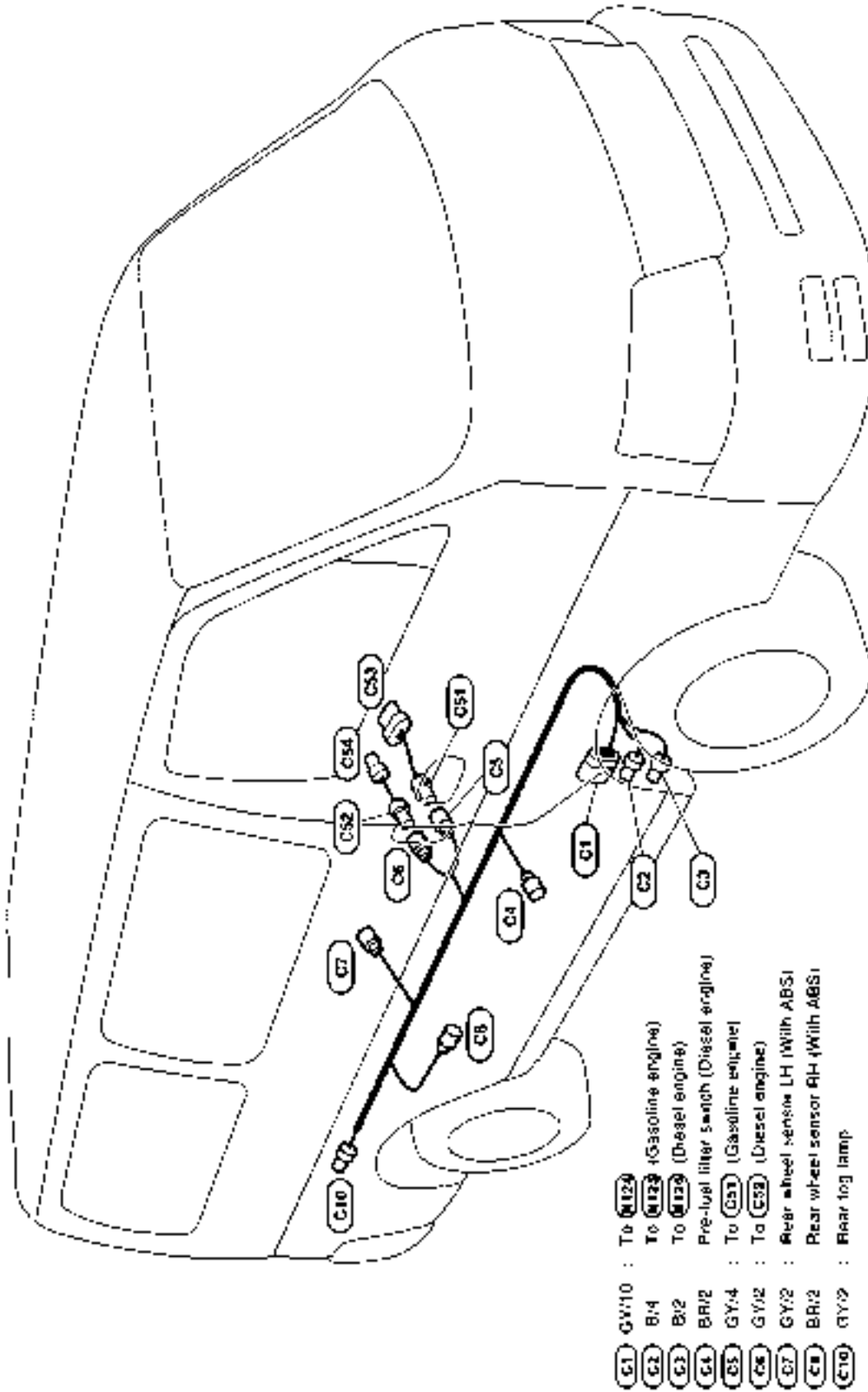
* : Be sure to connect and lock the connectors securely after repair work.
 Failure to do so may cause the ECM to have diagnostic trouble codes.
 Do not disconnect these connectors except in the case of working according to WORK FLOW at TROUBLE DIAGNOSES in EC section.

For detailed ground distribution information, refer to "GROUND DISTRIBUTION".

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HARNESS

CHASSIS HARNESS/LHD MODELS



★ Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes. Do not disconnect these connectors except in the case of working according to **WORK FLOW of TROUBLE DIAGNOSES** in EC section.

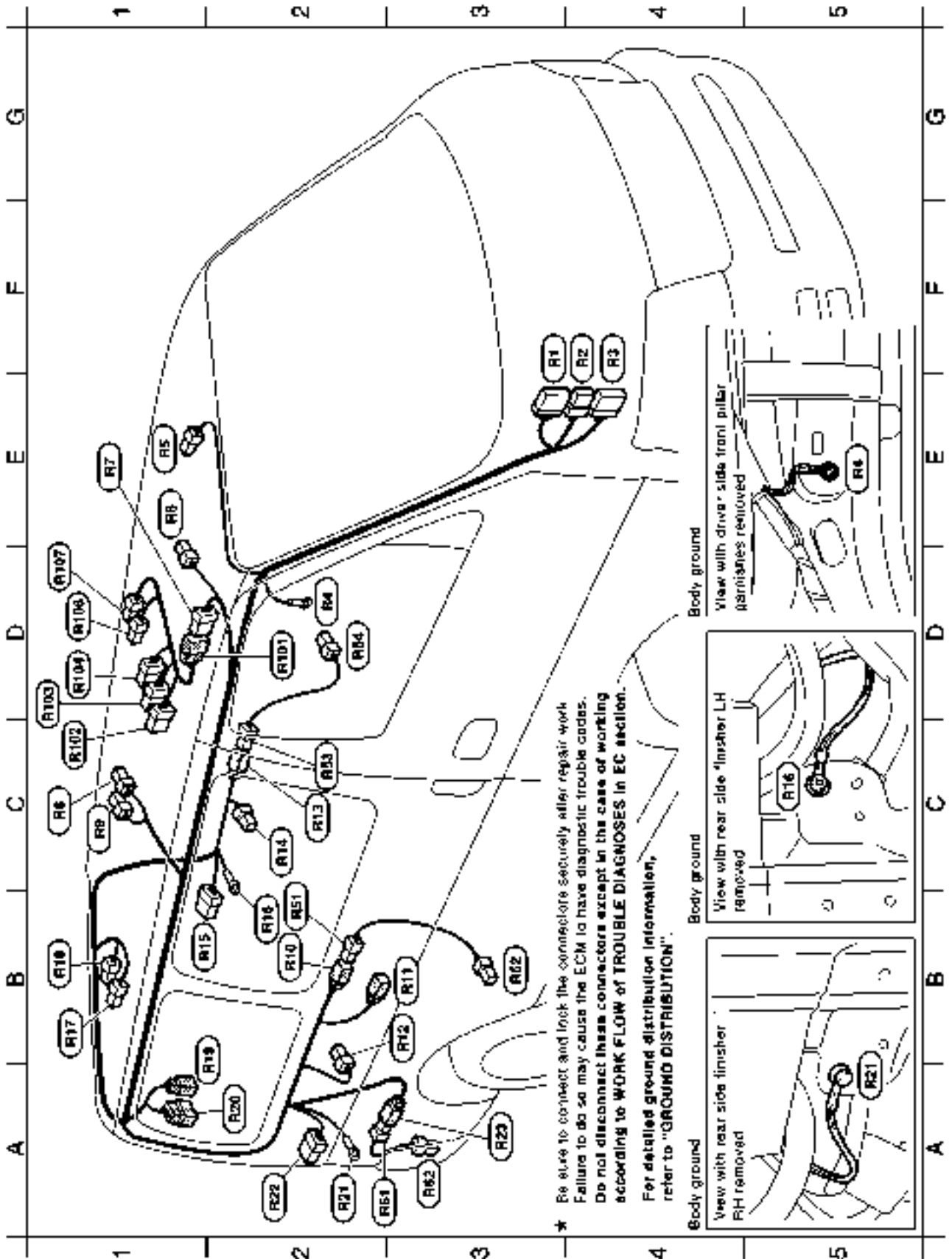
For detailed ground distribution information, refer to "GROUND DISTRIBUTION".

Sub-harness

- G51** : To **C5** (Gasoline engine)
- G52** : To **C6** (Diesel engine)
- G53** : Fuel level sensor unit and fuel pump (Gasoline engine)
- G54** : Fuel level sensor unit (Diesel engine)

HARNESS

ROOM LAMP HARNESS/RHD MODELS WITH STANDARD ROOF



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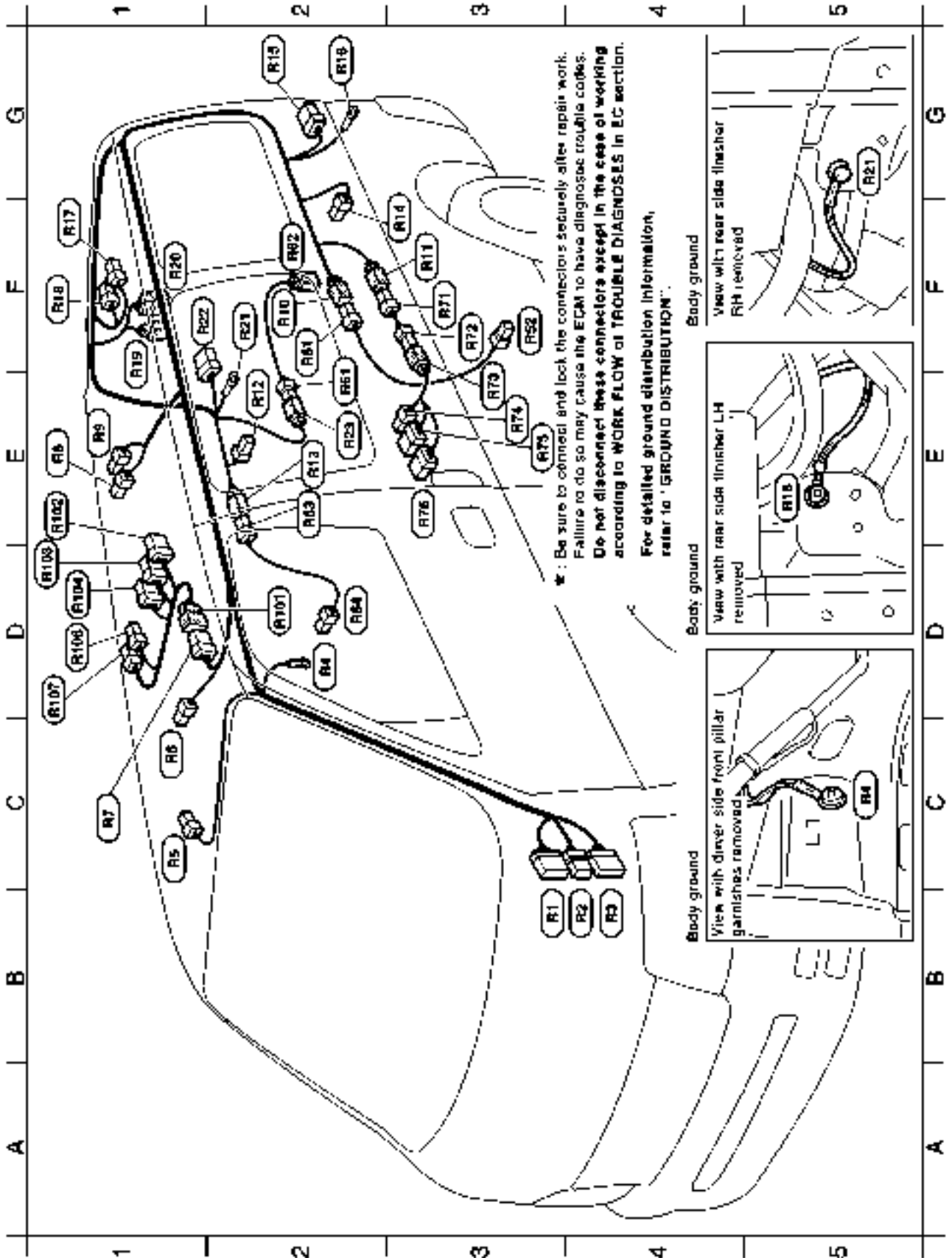
F3	(R1)	GY12	To (M44)
F4	(R2)	W/8	To (M45)
F4	(R3)	W/10	To (M48)
D2	(R4)	-	: Body ground
E1	(R5)	W/3	: Spot lamp
F1	(R6)	W/3	: Interior room lamp (Front)
E1	(R7)	W/6	: To (R10) (With rear cooler)
C1	(R2)	W/3	: Interior room lamp (Center) (Big size)
C1	(R5)	W/3	: Interior room lamp (Center) (Standard size)
B2	(R10)	BR/2	: To (R51) (3-door models)
B5	(R11)	W/4	: Not used
B3	(R12)	BR/2	: Rear speaker RH (With 4-speaker)
C2	(R13)	DR/2	: To (R32)
C2	(R14)	DR/2	: Rear speaker LH (With 4-speaker)
B1	(R15)	W/6	: Rear combination lamp LH
B2	(R16)	-	: Body ground
B1	(R17)	B/1	: Luggage room lamp
B1	(R18)	B/1	: Luggage room lamp
B2	(R19)	W/4	: To (D32)
A2	(R30)	W/5	: To (D51)
A2	(R31)	-	: Body ground
A2	(R32)	W/6	: Rear combination lamp RH
A3	(R33)	W/3	: To (R61)

Door switch sub-harness LH			
C2	(R22)	RR/2	To (R12)
D2	(R34)	W/3	: Slide cool switch LH
Door switch sub-harness RH			
B2	(R11)	RR/2	To (R10) (5-door models)
B2	(R22)	W/3	: Slide door switch RH (5-door models)
Fuel filler lid opener sub-harness			
A2	(R61)	W/3	: To (R33)
A3	(R62)	W/4	: Fuel filler lid opener actuator
Rear cooler sub-harness (With rear cooler)			
C2	(R10)	W/6	: To (R7)
C1	(R10)	W/6	: Rear cooler fan switch
O1	(R10)	W/6	: Rear cooler switch (Rear)
O1	(R10)	-/6	: Resistor
D1	(R10)	L/4	: Rear cooler relay
D1	(R10)	B/2	: Rear cooler fan motor

★ Be sure to connect and lock the connectors securely after repair work.
 Failure to do so may cause the ECM to have diagnostic trouble codes.
 Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC section.

HARNESS

ROOM LAMP HARNESS/LHD MODELS WITH STANDARD ROOF



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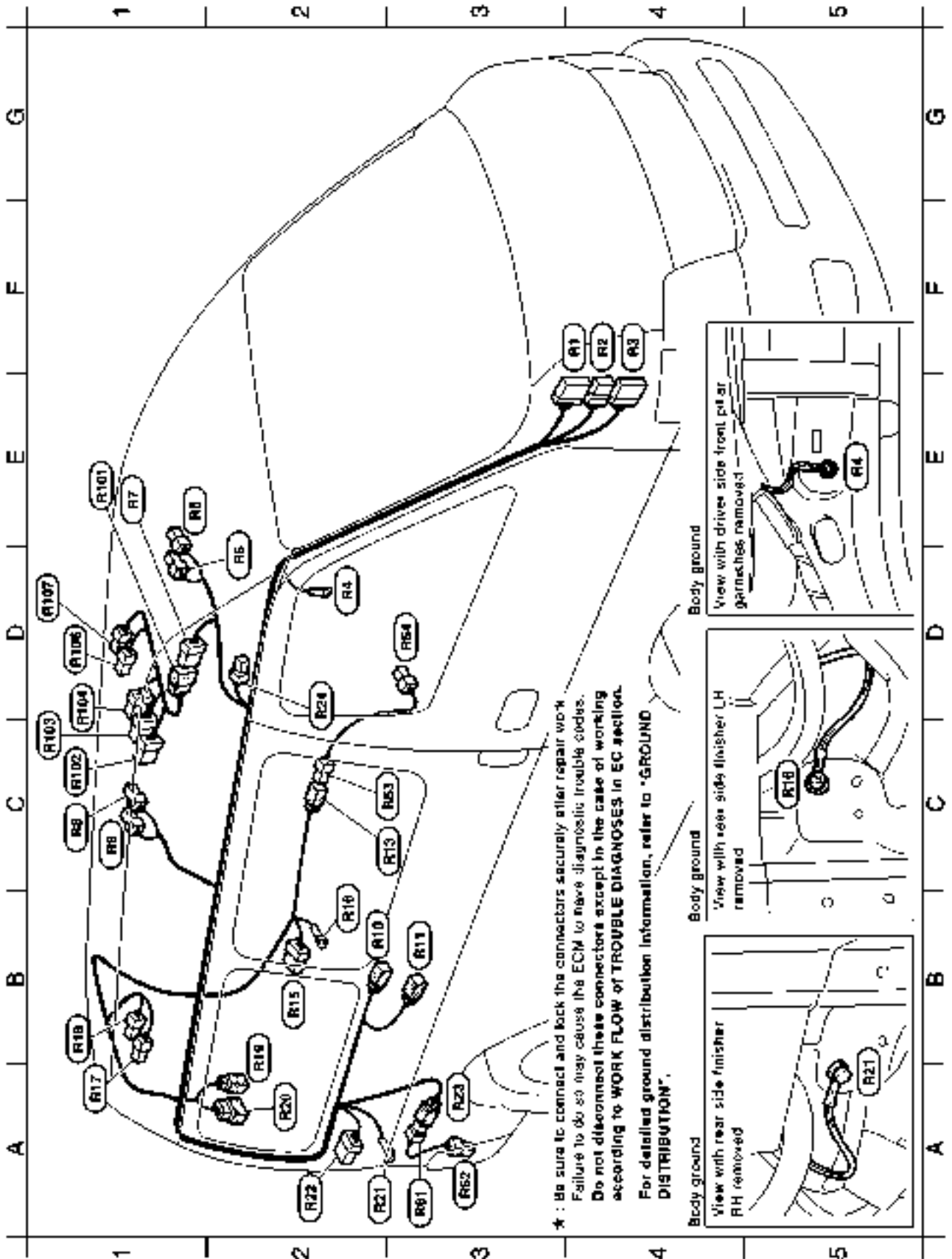
B3	(R1)	5Y/12	:	To	(M44)
B4	(R2)	W/9	:	To	(M45)
B4	(R3)	W/10	:	To	(M48)
D2	(R4)	-	:	Body ground	
C1	(R5)	W/3	:	Spot lamp	
C1	(R6)	W/3	:	Interior room lamp (Front)	
C1	(R7)	W/6	:	To	(R101) (With rear cooler)
E1	(R8)	W/3	:	Interior room lamp (Center) (Bag size)	
E1	(R9)	W/3	:	Interior room lamp (Center) (Standard size)	
F2	(R10)	BR/2	:	To	(R51) (5-door models)
F3	(R11)	W/4	:	To	(R71) (With rear heater)
E2	(R12)	BR/2	:	Rear speaker RH (With 4-speaker)	
E2	(R13)	BR/2	:	To	(R52)
F3	(R14)	BR/2	:	Rear speaker LH (With 4-speaker)	
G2	(R15)	W/6	:	Rear combination lamp LH	
G2	(R16)	-	:	Body ground	
F1	(R17)	B/1	:	Luggage room lamp	
F1	(R18)	B/1	:	Luggage room lamp	
F1	(R19)	W/4	:	To	(D52)
F1	(R20)	W/3	:	To	(D81)
F2	(R21)	-	:	Body ground	
F1	(R22)	W/6	:	Rear combination lamp RH	
E2	(R23)	W/3	:	To	(R61)

Door switch sub-harness RH					
E2	(R32)	BR/2	:	To	(R13)
D2	(R54)	W/3	:	Slide door switch RH	
Door switch sub-harness LH					
F2	(R51)	BR/2	:	To	(R10) (5-door models)
F3	(R32)	W/3	:	Slide door switch LH (5-door models)	
Fuel filler lid opener sub-harness					
E2	(R61)	W/3	:	To	(R23)
F2	(R62)	W/4	:	Fuel filler lid opener actuator	
Rear cooler sub-harness (With rear cooler)					
D2	(R19)	W/6	:	To	(R7)
E1	(R19)	W/6	:	Rear cooler fan switch	
D1	(R19)	W/6	:	Rear cooler switch (Rear)	
D1	(R19)	-/6	:	Resistor	
D1	(R19)	L/4	:	Rear cooler relay	
D1	(R19)	B/2	:	Rear cooler fan motor	
Rear heater sub-harness (With rear heater)					
F3	(R71)	W/4	:	To	(R11)
F3	(R72)	W/4	:	To	(R22)
C3	(R73)	W/4	:	To	(R72)
E3	(R74)	W/4	:	Rear heater unit	
E3	(R75)	W/6	:	Rear heater fan switch	
E3	(R76)	W/6	:	Rear heater switch (Rear)	

★ : Be sure to connect and lock the connectors securely after repair work.
 Failure to do so may cause the ECM to have diagnostic trouble codes.
 Do not disconnect these connectors, except in the case of working according to **WORK FLOW of TROUBLE DIAGNOSES** in EC section.

HARNESS

ROOM LAMP HARNESS/RHD MODELS WITH HIGH ROOF



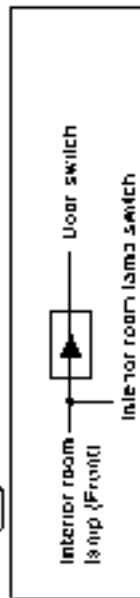
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F4 (R1)	GY12	:	Tc (M44)
F4 (R2)	W/8	:	Tc (M45)
F4 (R3)	W/10	:	To (M46)
O2 (R4)	-	:	Body ground
F1 (R5)	W/3	:	Spot lamp
D2 (R6)	W/3	:	Interior room lamp (Front)
F1 (R7)	W/6	:	To (R10)
G1 (R8)	W/3	:	Interior room lamp (Center) (Big size)
G1 (R9)	W/3	:	Interior room lamp (Center) (Standard size)
B2 (R10)	BR/2	:	Not used
B3 (R11)	W/4	:	Not used
C2 (R12)	RR/2	:	To (R52)
B2 (R13)	W/6	:	Rear combination lamp LH
B2 (R16)	-	:	Body ground
A1 (R17)	B/1	:	Luggage room lamp
B1 (R18)	B/1	:	Luggage room lamp
B2 (R19)	W/4	:	To (B52)
A2 (R20)	W/8	:	To (B51)
A2 (R31)	-	:	Body ground
A2 (R32)	W/8	:	Rear combination lamp RH
A3 (R33)	W/3	:	To (R61)
D2 (R34)	W/2	:	Diode

Diode (R71)



Door switch sub-harness

C2 (R35)	RR/2	:	To (R13)
D3 (R34)	W/3	:	Slide door switch LH

Fuel filler lid opener sub-harness

A3 (R41)	W/3	:	To (R13)
A3 (R42)	W/4	:	Fuel filler lid opener actuator

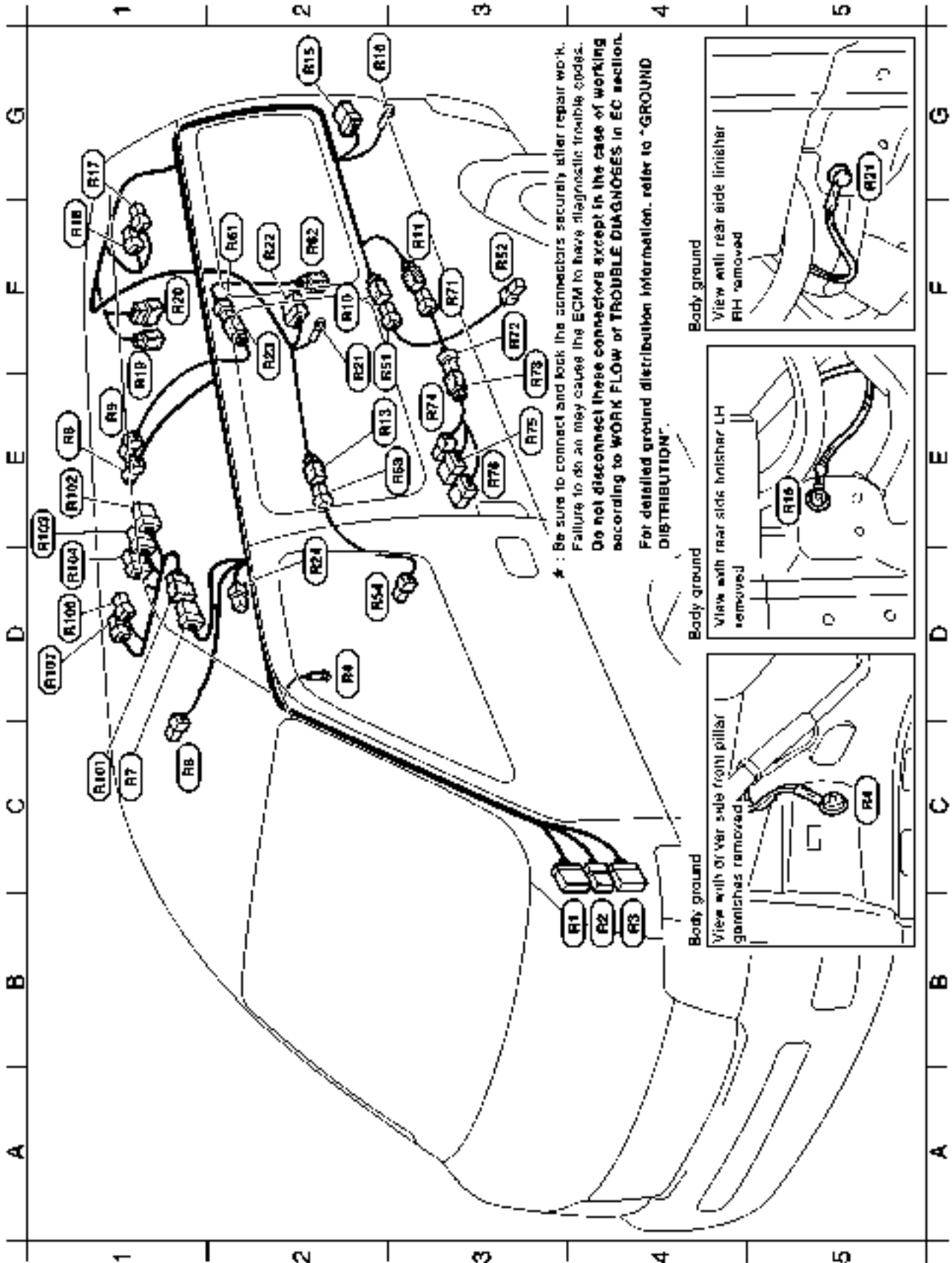
Rear cooler sub-harness (With rear cooler)

E1 (R10)	W/6	:	To (R7)
C1 (R10)	W/6	:	Rear cooler fan switch
G1 (R10)	W/6	:	Rear cooler switch (Rear)
D1 (R10)	-/6	:	Resistor
D1 (R10)	L/4	:	Rear cooler relay
D1 (R10)	B/2	:	Rear cooler fan motor

- ★ Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes.
- Do not disconnect these connectors except in the case of working according to **WORK FLOW of TROUBLE DIAGNOSES in EC section.**

HARNESSES

ROOM LAMP HARNESS/LHD MODELS WITH HIGH ROOF



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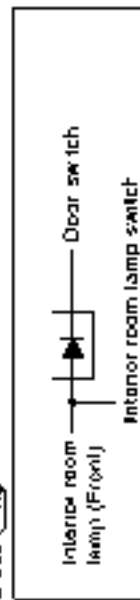
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Door switch sub-harness LH	
F2	(R51) BR12 : To (R1D) 45-floor models
F3	(R52) W/3 : Slide door switch LH (5-door models)
Door switch sub-harness RH	
D3	(R53) BR12 : To (R13)
D2	(R54) W/3 : Slide door switch RH
Fuel filler lid opener sub-harness	
F1	(R61) W/3 : To (R23)
F1	(R62) W/4 : Fuel filler lid opener actuator
Rear cooler sub-harness (With rear cooler)	
C1	(R164) W/8 : To (RT)
E1	(R162) W/6 : Rear cooler fan switch
E1	(R163) W/6 : Rear cooler switch (Rear)
D1	(R164) -/6 : Resistor
D1	(R164) L/4 : Rear cooler relay
D1	(R167) B/2 : Rear cooler fan motor
Rear heater sub-harness (With rear heater)	
F3	(R71) W/4 : To (R11)
E3	(R72) W/4 : To (R73)
E3	(R73) W/4 : To (R72)
F3	(R74) W/4 : Rear heater unit
E3	(R75) W/6 : Rear heater fan switch
D3	(R76) W/6 : Rear heater switch (Rear*)

* Be sure to connect and lock the connector's securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes. Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC section.

B4	(R1) GY/12 : To (G44)
B4	(R2) W/6 : To (M35)
B4	(R3) W/10 : To (M38)
D2	- : Body ground
C1	(R6) W/5 : Interior room lamp (Front)
C1	(R7) W/6 : To (R1D) (With rear cooler)
E1	(R8) W/3 : Interior room lamp (Center) (Big size)
E1	(R9) W/5 : Interior room lamp (Center) (Standard size)
F2	(R10) BR/2 : To (R51) (5-door models)
F3	(R11) W/4 : To (R71) (With rear heater)
F2	(R12) BR/2 : To (R53)
Q2	(R16) W/6 : Rear combination lamp LH
Q2	(R16) - : Body ground
Q1	(R17) B/1 : Luggage room lamp
F1	(R18) B/1 : Luggage room lamp
E1	(R19) W/4 : To (D02)
F1	(R20) W/8 : To (D03)
F2	(R21) - : Body ground
F1	(R22) W/6 : Rear combination lamp RH
F1	(R23) W/3 : To (R63)
D3	(R24) W/2 : Diode

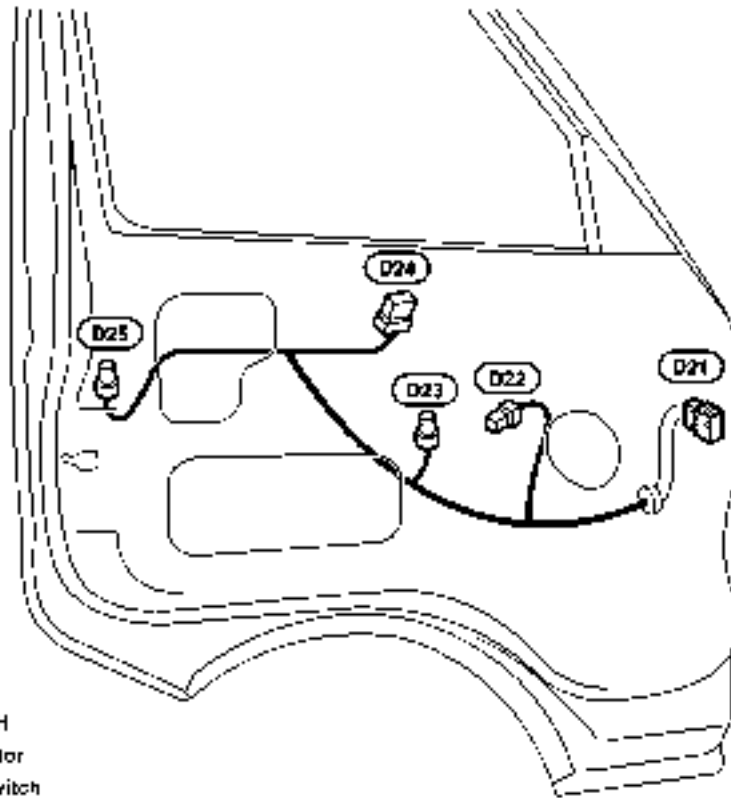
Diode (R24)



HARNESS

FRONT DOOR HARNESS/RHD MODELS

Passenger Side



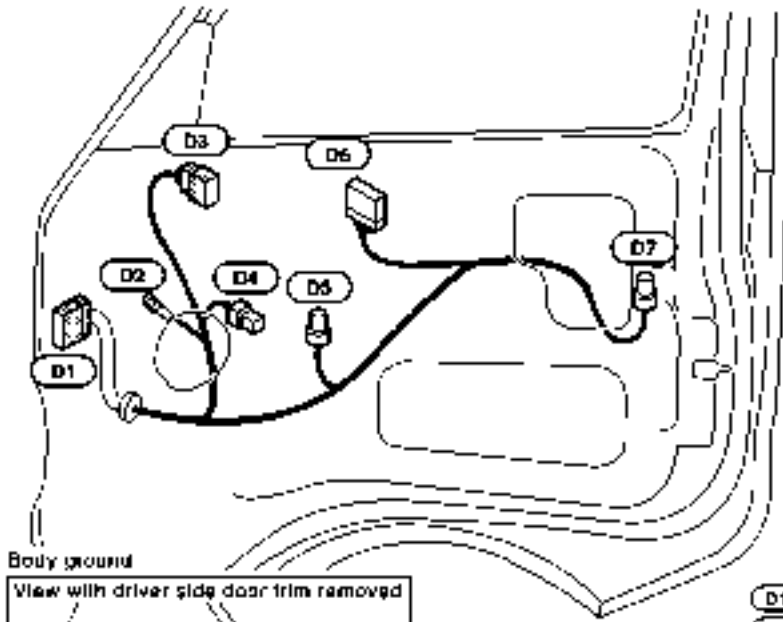
- D21** W/B : To **M1**
- D22** BR/2 : Front door speaker LH
- D23** GY/2 : Power window regulator
- D24** W/B : Power window sub-switch
- D25** GY/4 : Door lock actuator assembly

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HARNESS

Driver Side



Body ground



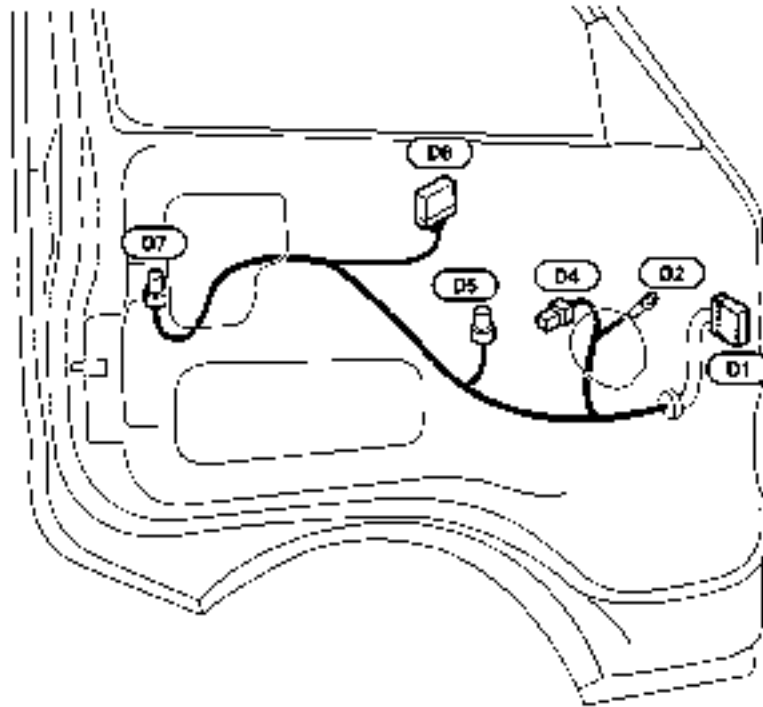
- | | | |
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| D1 | W/18 | : To (M48) |
| D2 | - | Body ground (With power window) |
| D3 | GY/6 | : Not used |
| D4 | BR/2 | : Front door speaker RH |
| D5 | GV/2 | : Power window regulator |
| D6 | W/18 | : Power window main switch |
| D7 | GV/2 | : Door lock actuator assembly |

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HARNESS

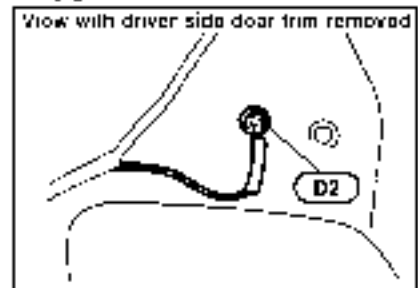
FRONT DOOR HARNESS/LHD MODELS

Driver Side



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|------|------|---------------------------------|
| (D1) | W/12 | To (M44) |
| (D2) | - | Body ground (With power window) |
| (D4) | BR/2 | Front door speaker LH |
| (D5) | GY/2 | Power window regulator |
| (D6) | W/16 | Power window main switch |
| (D7) | GY/2 | Door lock actuator assembly |

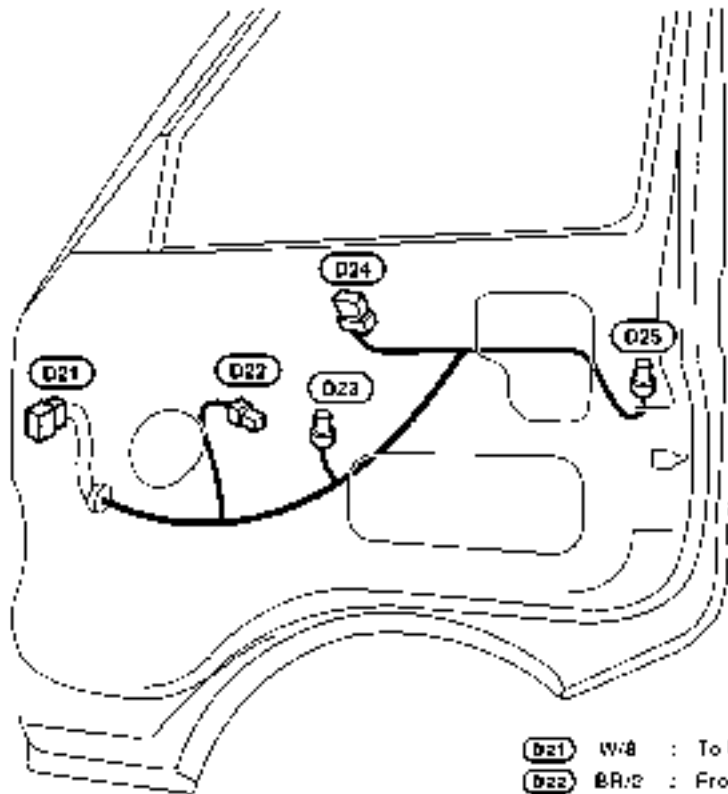
Body ground



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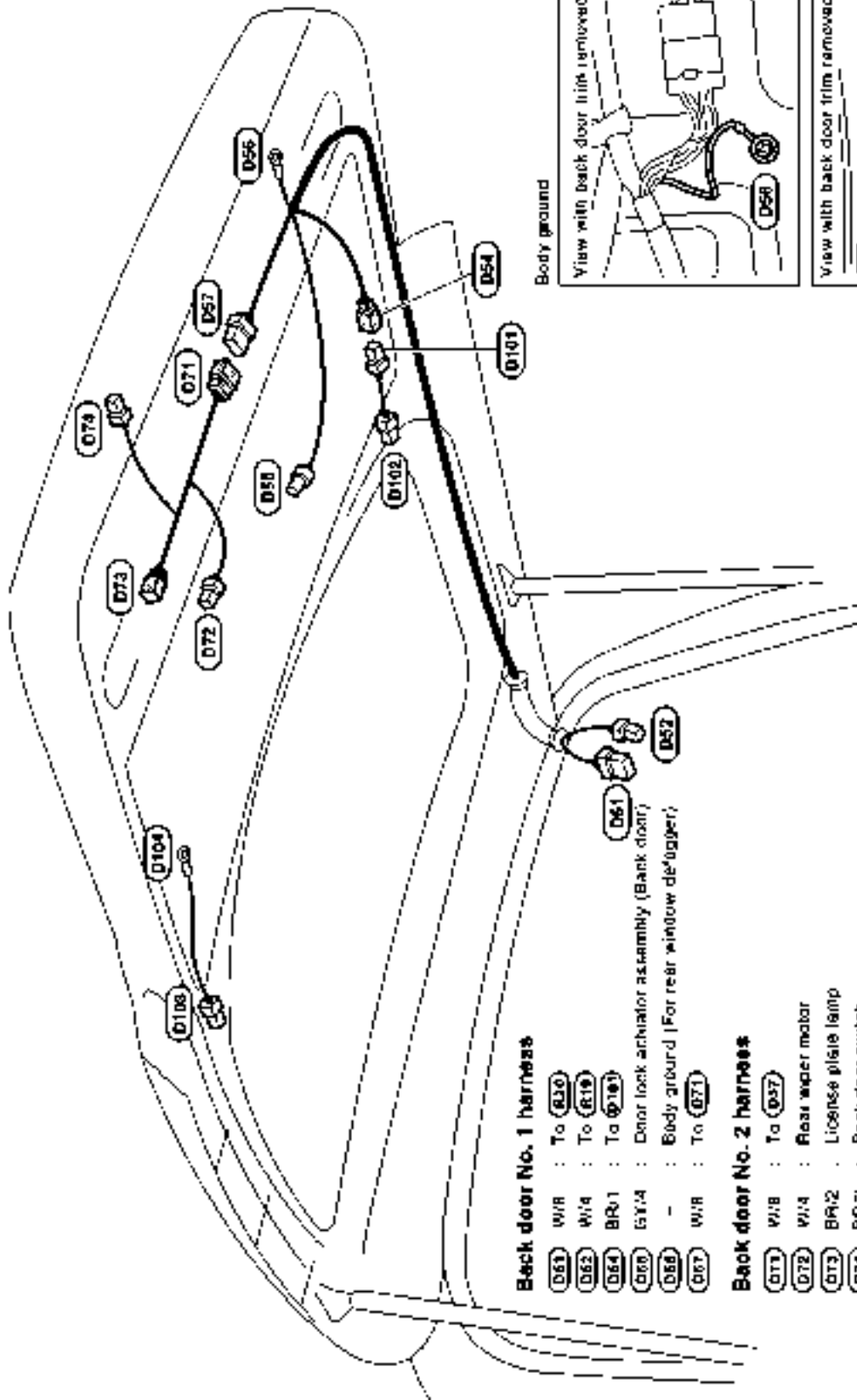
Passenger Side



- D21** W:8 : To **M1**
- D22** BR:2 : Front door speaker RH
- D23** GY:2 : Power window regulator
- D24** W:8 : Power window sub-switch
- D25** GY:4 : Door lock actuator assembly

HARNESSES

BACK DOOR HARNESSES



Back door No. 1 harness

- D61 W/R : To (D30)
- D62 W/L : To (R19)
- D64 BR:1 : To (D18)
- D66 G1:4 : Door lock actuator assembly (Back door)
- D68 - : Body ground (For rear window defogger)
- D67 W/R : To (D71)

Back door No. 2 harness

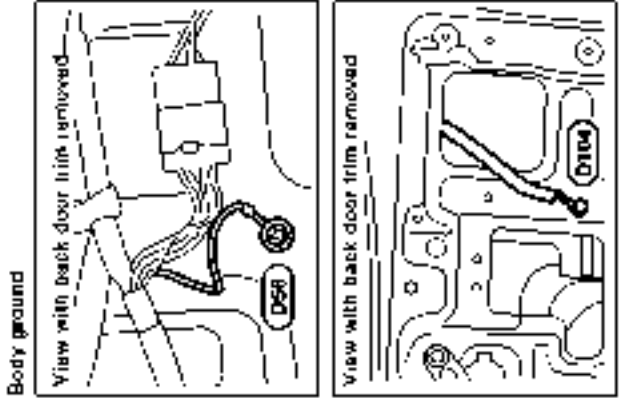
- D73 W/R : To (D37)
- D72 W/L : Rear wiper motor
- D73 BR:2 : License plate lamp
- D74 BR:2 : Back door switch

Rear window defogger harness LH

- D109 B/L : Rear window defogger (+)
- D104 - : Body ground

Rear window defogger harness RH

- D101 BR:1 : To (D54)
- D102 B/L : Rear window defogger (+)

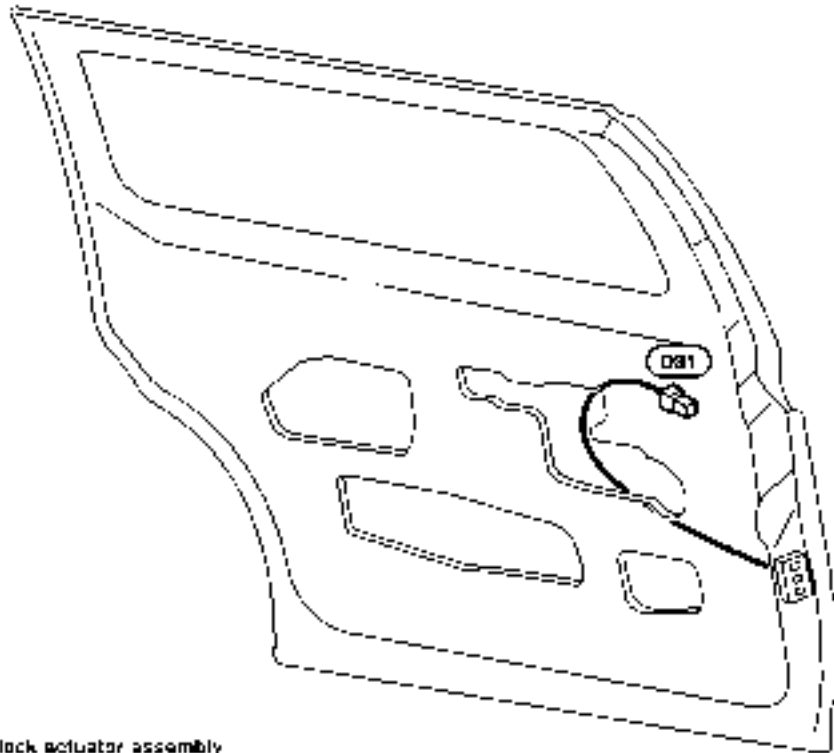


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HARNESS

SLIDING DOOR HARNESS

LH Side

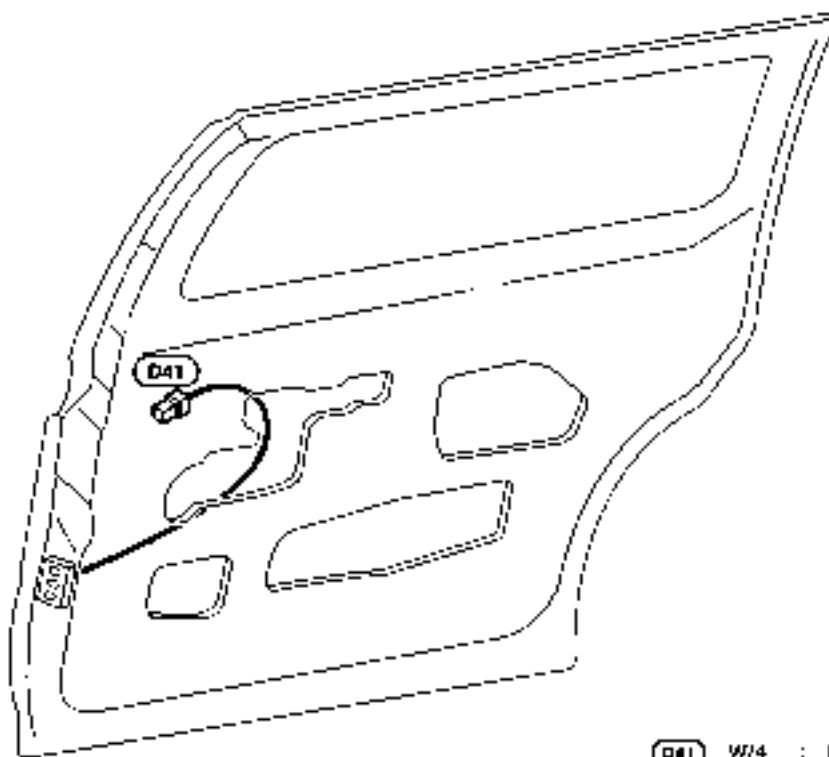


(W/4) W/4 : Door lock actuator assembly

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HARNESS

RH Side



D41 W/4 : Door lock actuator assembly

CKIH0041E

Wiring Diagram Codes (Cell Codes)

EKS0020K

Use the chart below to find out what each wiring diagram code stands for. Refer to the wiring diagram code in the alphabetical index to find the location (page number) of each wiring diagram.

Code	Section	Wiring Diagram Name
A/C	MTC	Air Conditioner
A/CCUT	EC	Air Conditioner Control
AAC/V	EC	IACV-AAC Valve
ABS	BRC	Anti-lock Brake System
ACC/SW	EC	Accelerator Switch (F/C)
APS	EC	Accelerator Position Sensor
AUDIO	AV	Audio
BACK/L	LT	Back-up Lamp
BRK/SW	EC	Brake Switch
BUZZER	DI	Warning Buzzer
CHARGE	SC	Charging System
CHIME	DI	Warning Chime
CIGAR	WW	Cigarette Lighter
CKPS	EC	Crankshaft Position Sensor
CLOCK	DI	Clock
CMPS	EC	Camshaft Position Sensor
D/LOCK	BL	Power Door Lock
DEF	GW	Rear Window Defogger
ECMRLY	EC	ECM Relay
ECTS	EC	Engine Coolant Temperature Sensor
EGVC/V	EC	EGR Volume Control Valve

HARNESSES

F/FOG	LT	Front Fog Lamp
F/LID	BL	Fuel Lid Opener
F/PUMP	EC	Fuel Pump
FICD	EC	IACV-FICD Solenoid Valve
GLOW	EC	Glow Control System
H/LAMP	LT	Headlamp
H/AIM	LT	Headlamp Aiming Control System
HEATER	MTC	Heater System
HEATUP	EC	Heat Up Switch
HO2S	EC	Heated Oxygen Sensor
HORN	WW	Horn
IATS	EC	Intake Air Temperature Sensor
IGNSYS	EC	Ignition Signal
ILL	LT	Illumination
INJECT	EC	Injector
INJPMP	EC	Electronic Control Fuel Injection Pump
INT/L	LT	Luggage Room Lamp
INT/V	EC	Intake Air Control Valve Control Solenoid Valve
KS	EC	Knock Sensor
LOAD	EC	Electrical Load Signal
MAFS	EC	Mass Air Flow Sensor
MAIN	EC	Main Power Supply and Ground Circuit
METER	DI	Speedometer, Tachometer, Temp., Oil and Fuel Gauges
MIL/DL	EC	MIL & Date Link Connectors
PNP/SW	EC	Park/Neutral Position Switch
POWER	PG	Power Supply Routing
PST/SW	EC	Power Steering Oil Pressure Switch
R/COOL	MTC	Rear Cooler System
R/FOG	LT	Rear Fog Lamp
R/HEAT	MTC	Rear Heater System
ROOM/L	LT	Interior Room Lamp
S/SIG	EC	Start Signal
SRS	SRS	Supplemental Restraint System
START	SC	Starting System
STOP/L	LT	Stop Lamp
TAIL/L	LT	Parking, License and Tail Lamps
TPS	EC	Throttle Position (TP) Sensor
TURN	LT	Turn Signal and Hazard Warning Lamps
VSS	EC	Vehicle Speed Sensor
WARN	DI	Warning Lamps
WINDOW	GW	Power Window
WIP/R	WW	Rear Wiper and Washer
WIPER	WW	Front Wiper and Washer

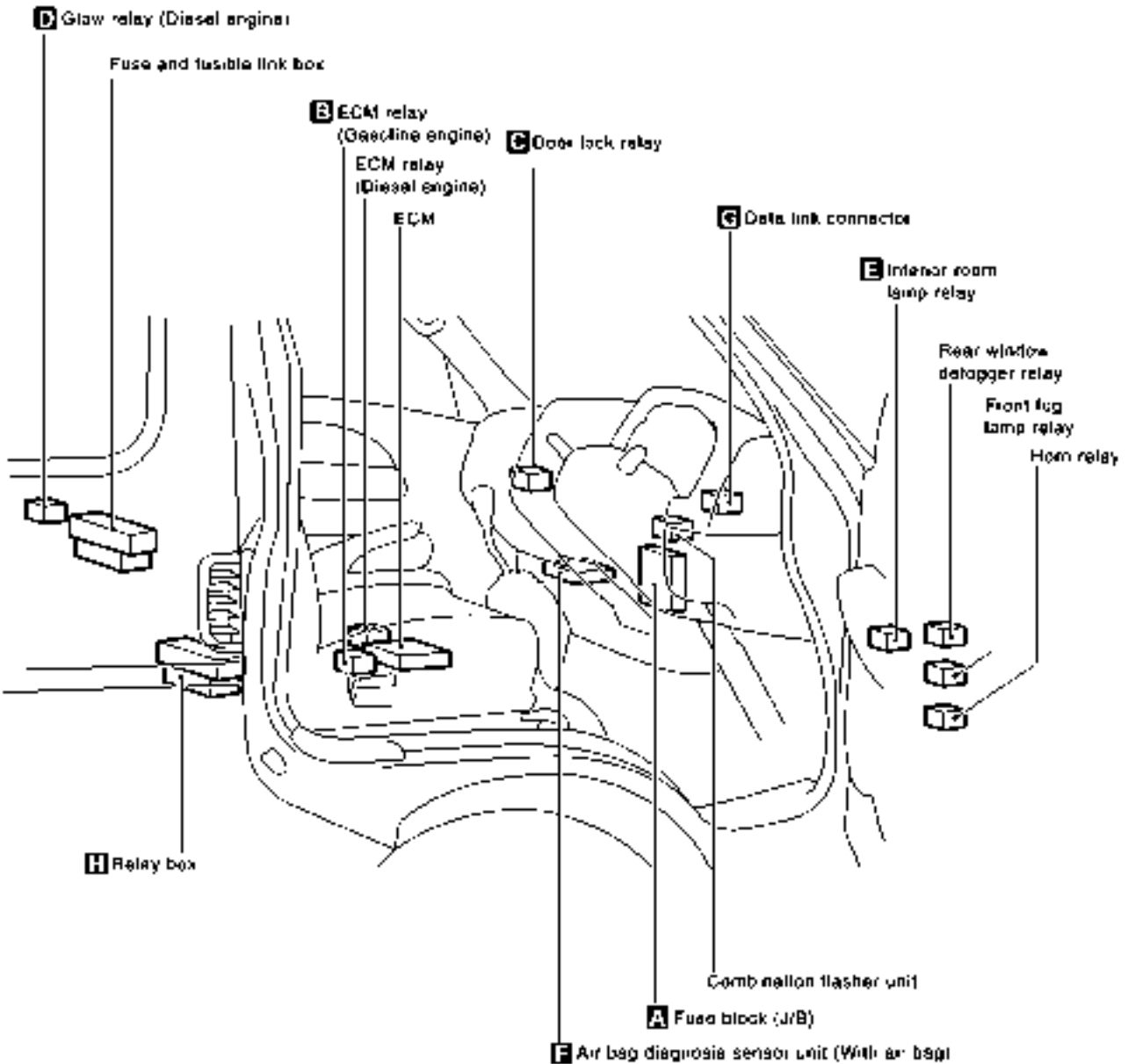
ELECTRICAL UNITS LOCATION

ELECTRICAL UNITS LOCATION

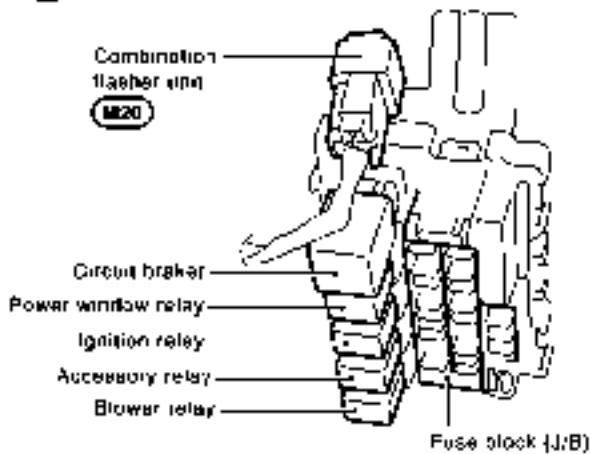
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Electrical Units Location/RHD Models

EKS002LT



A Driver side view with lower instrument panel removed

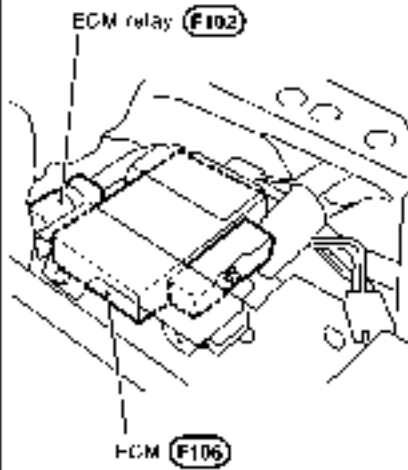


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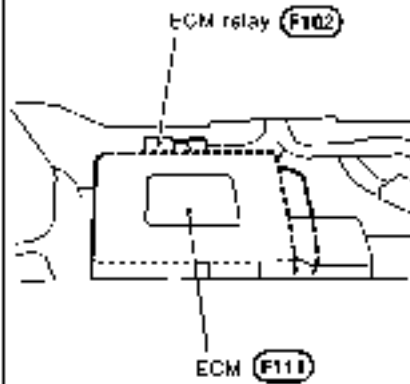
ELECTRICAL UNITS LOCATION

B View with driver seat removed

KA engine



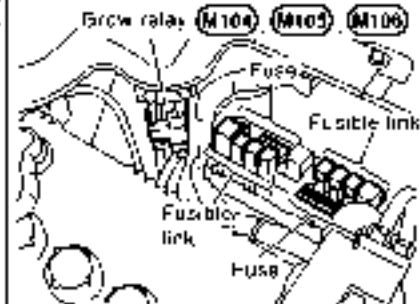
ZD engine



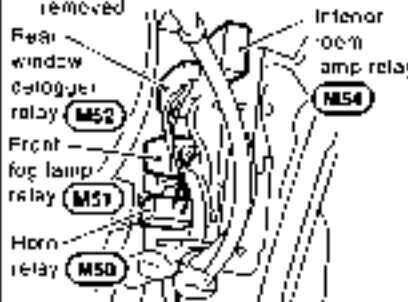
C Passenger side view with instrument panel removed



D View with passenger seat removed



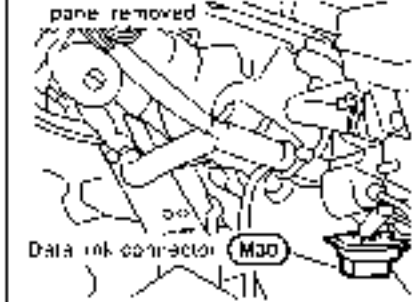
E Driver side view with dash side lower removed



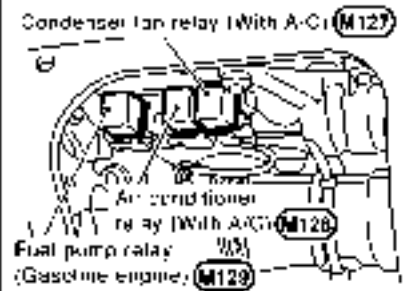
F Passenger side view with dash lower removed



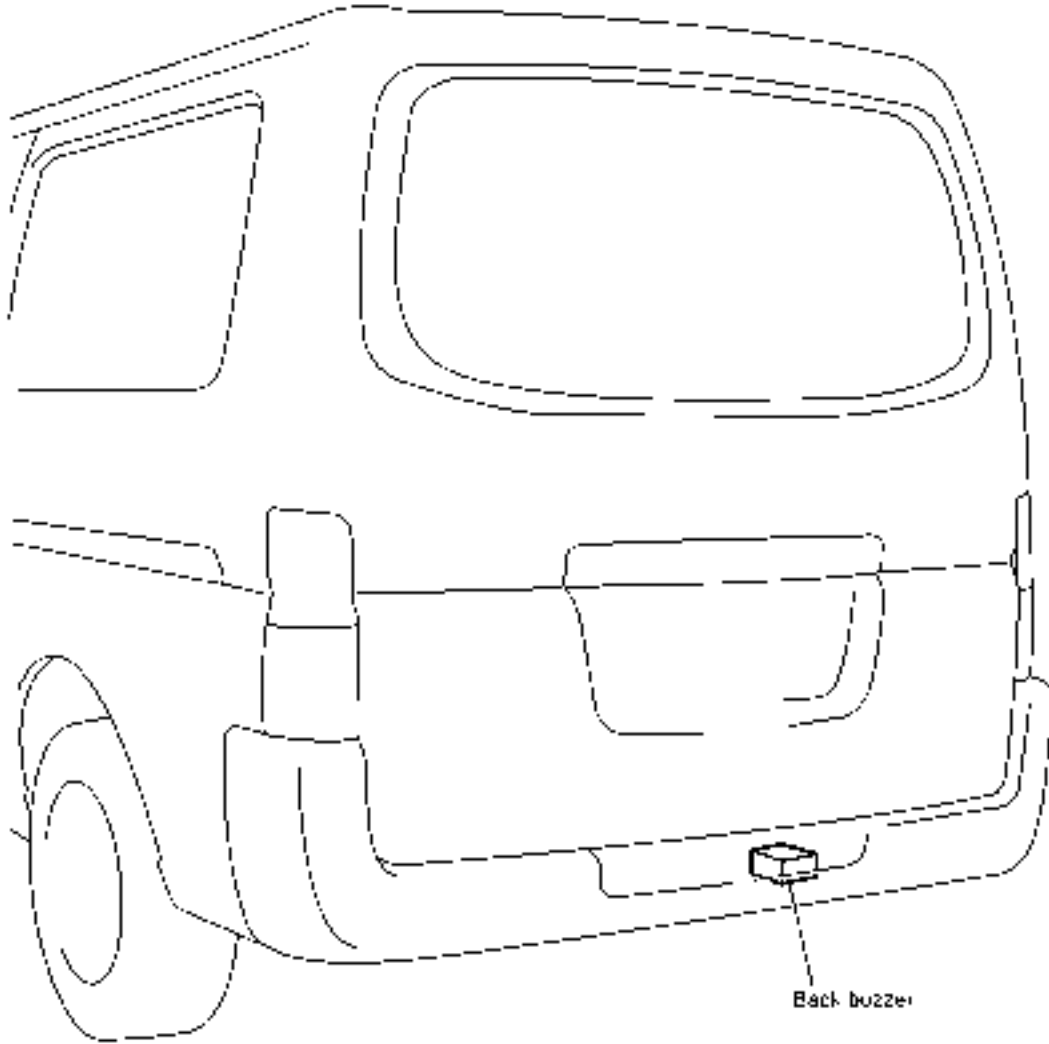
G Driver side view with lower instrument panel removed



H View with driver seat removed



ELECTRICAL UNITS LOCATION

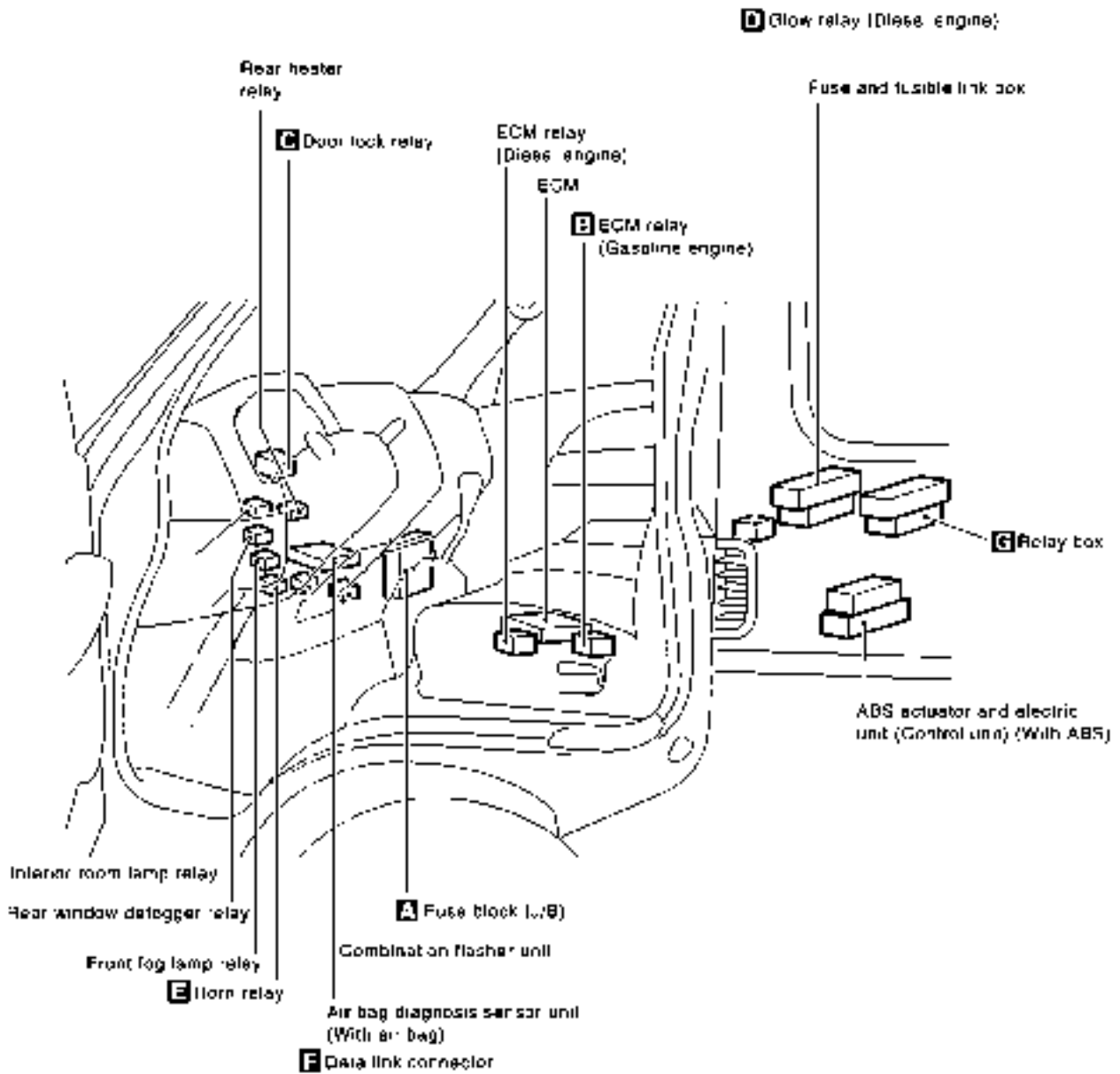


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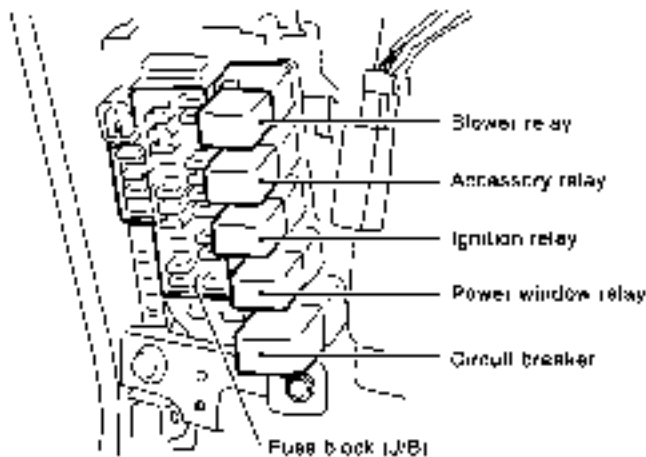
ELECTRICAL UNITS LOCATION

Electrical Units Location/LHD Models

EKS003RM

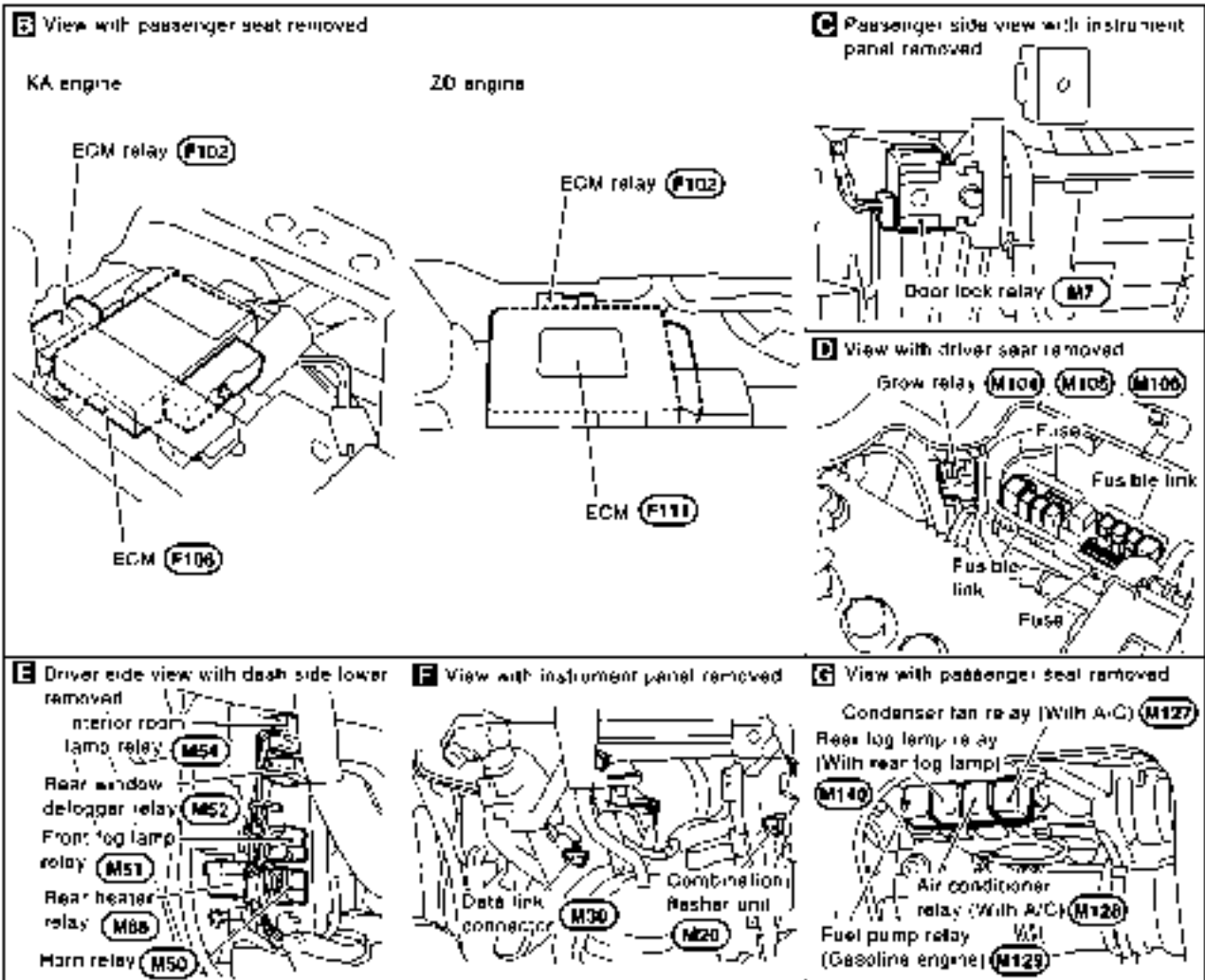


A Passenger side view with lower instrument panel removed



CKIH0124E

ELECTRICAL UNITS LOCATION



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HARNESS CONNECTOR

PFP:00011

EKS002LU

HARNESS CONNECTOR

Description

HARNESS CONNECTOR (TAB-LOCKING TYPE)

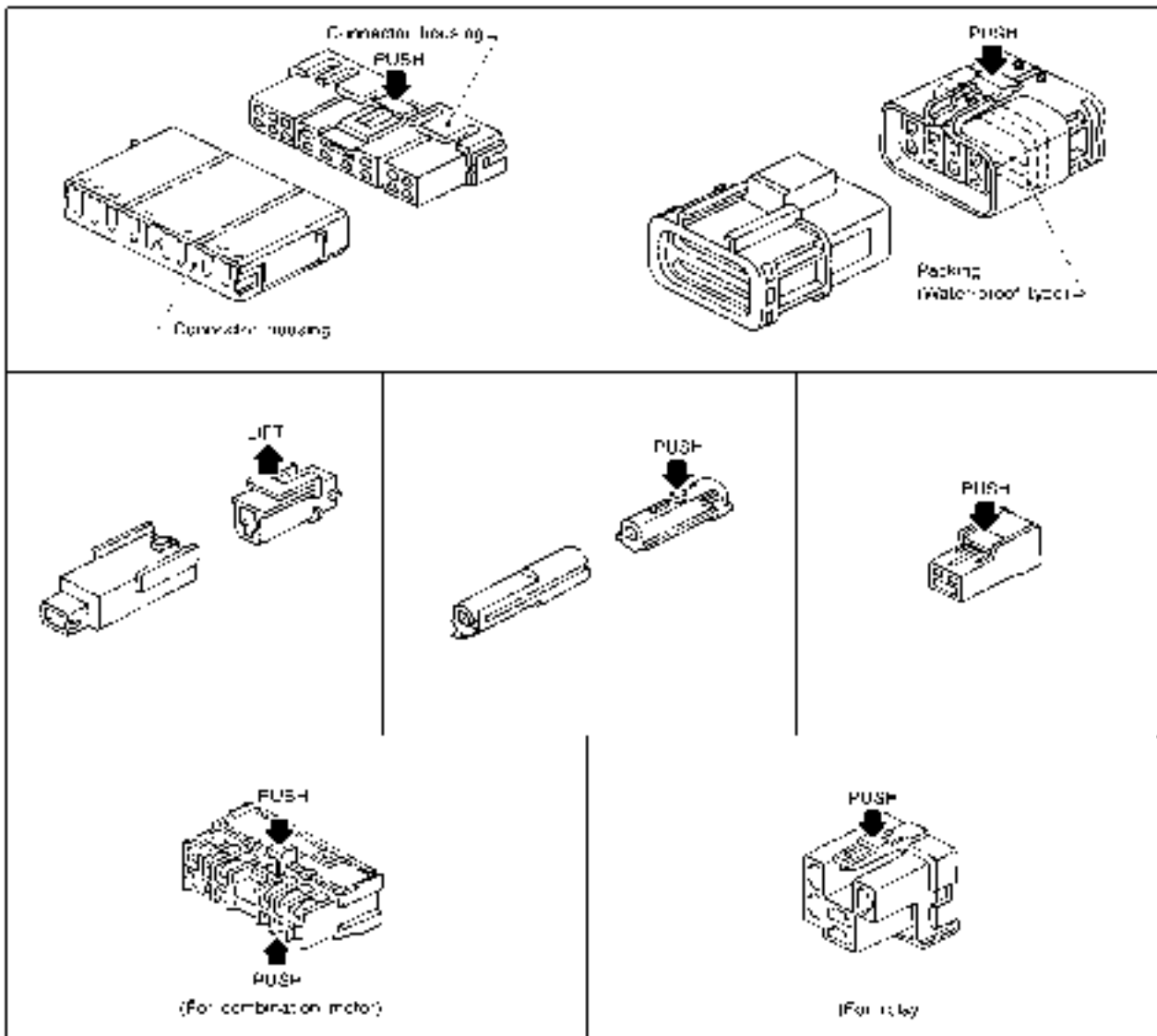
- The tab-locking type connectors help prevent accidental looseness or disconnection.
- The tab-locking type connectors are disconnected by pushing or lifting the locking tab(s). Refer to the illustration below.

Refer to the next page for description of the slide-locking type connector.

CAUTION:

Do not pull the harness or wires when disconnecting the connector.

[Example]



SEL769DA

HARNESS CONNECTOR

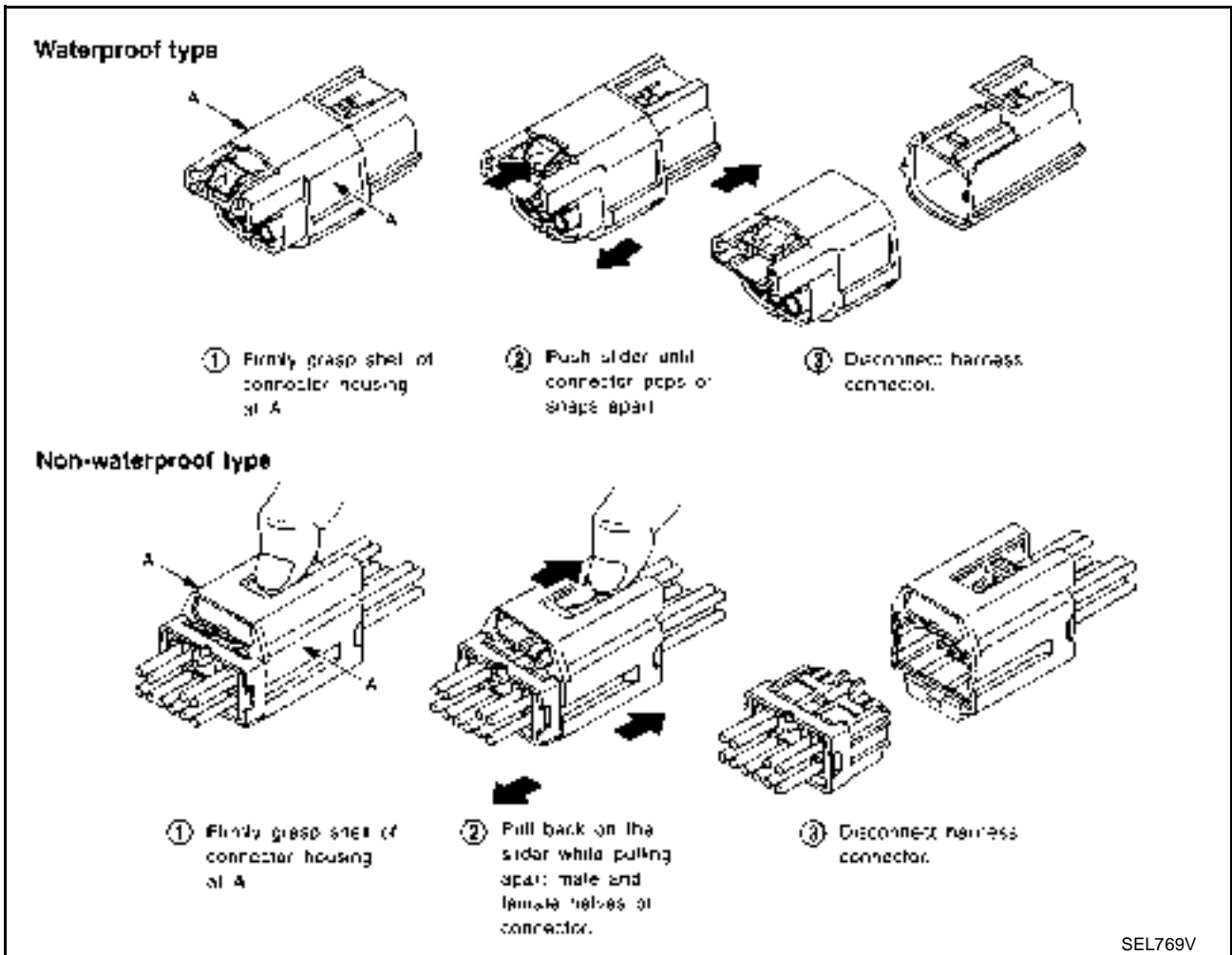
HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

- A new style slide-locking type connector is used on certain systems and components, especially those related to OBD.
- The slide-locking type connectors help prevent incomplete locking and accidental looseness or disconnection.
- The slide-locking type connectors are disconnected by pushing or pulling the slider. Refer to the illustration below.

CAUTION:

- Do not pull the harness or wires when disconnecting the connector.
- Be careful not to damage the connector support bracket when disconnecting the connector.

[Example]



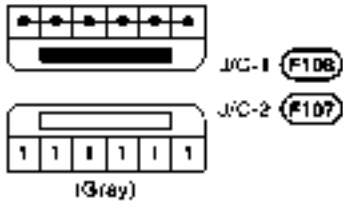
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JOINT CONNECTOR (J/C)

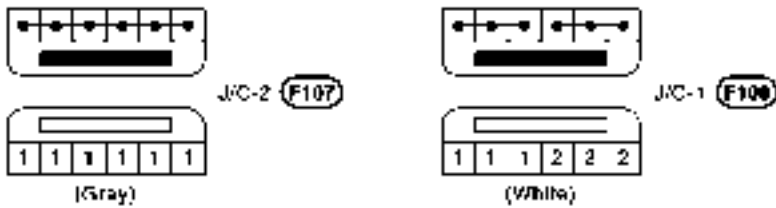
Terminal Arrangement

EKS002LV

Gasoline engine



Diesel engine



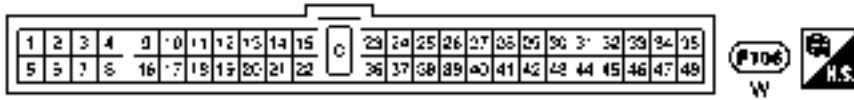
ELECTRICAL UNITS

ELECTRICAL UNITS Terminal Arrangement

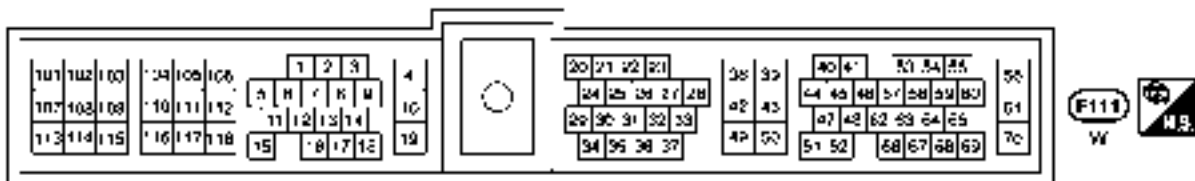
PFP:00011

EKS002LX

ECM (KA engine)



FCM (7D engine)



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STANDARDIZED RELAY

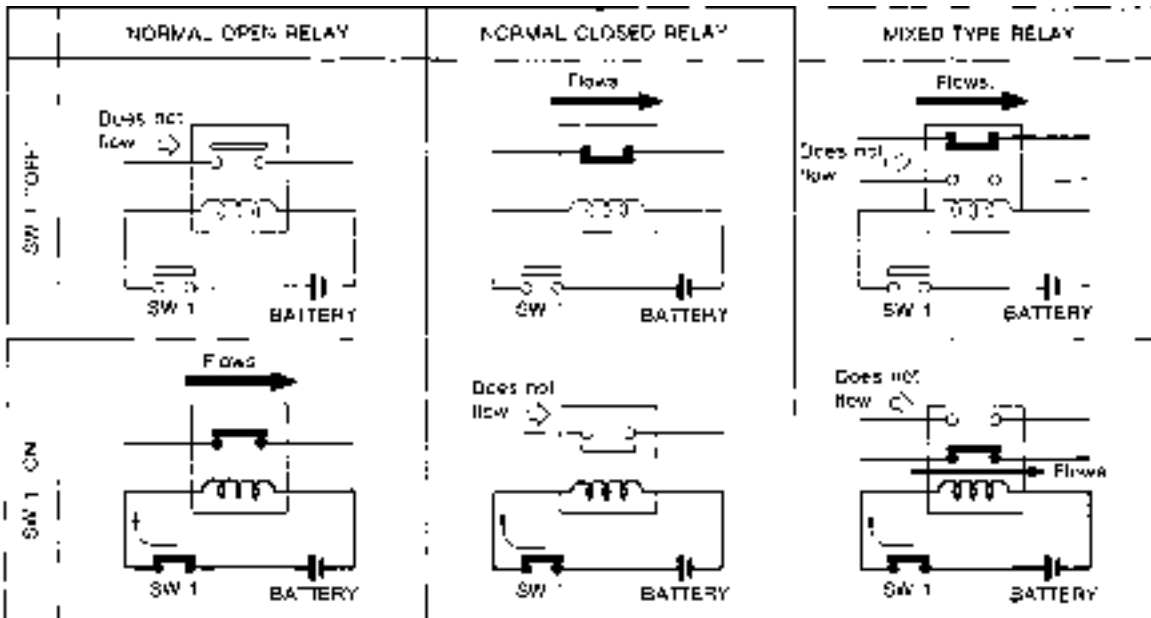
PFP:00011

EKS002LY

STANDARDIZED RELAY

Description NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

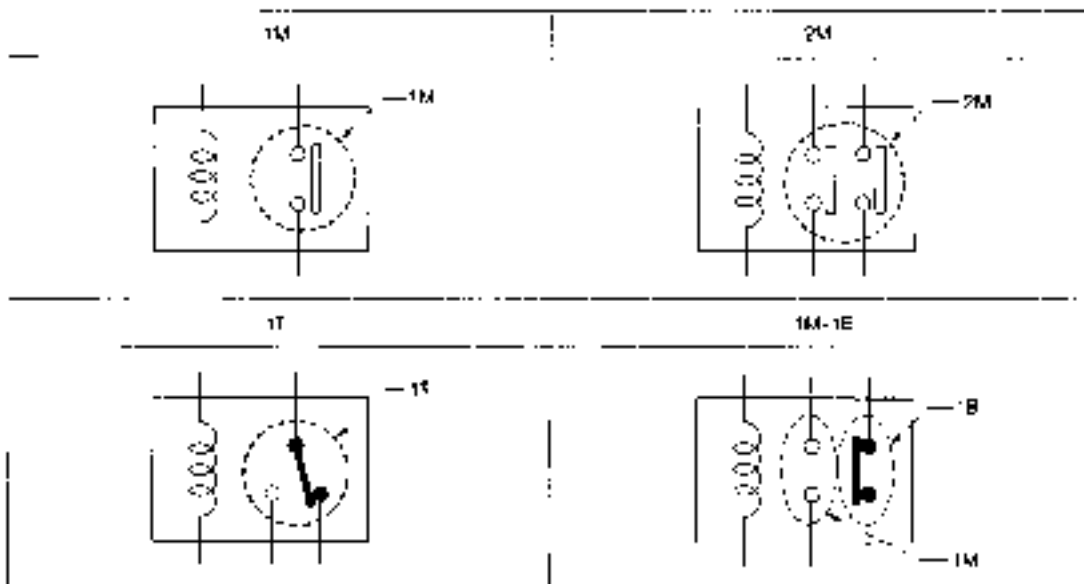
Relays can mainly be divided into three types: normal open, normal closed and mixed type relays.



SEL881H

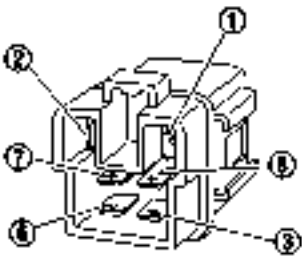
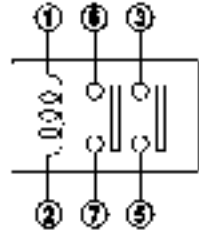
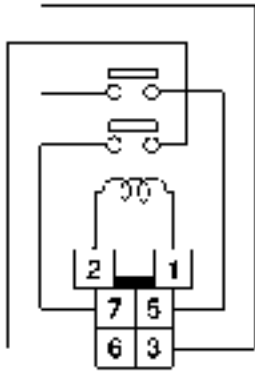
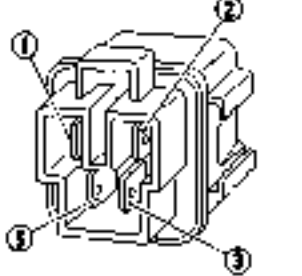
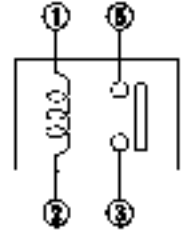
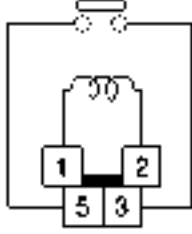
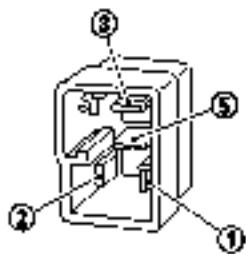
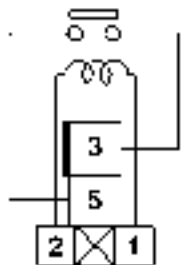
TYPE OF STANDARDIZED RELAYS

- 1M 1 Make
- 2M 2 Make
- 1T 1 Transfer
- 1M-1B 1 Make 1 Break



SEL882H

STANDARDIZED RELAY

Type	Outer view	Circuit	Connector symbol and connection	Case color
2M				BROWN
IM				BLUE
				

The arrangement of terminal numbers on the actual relays may differ from those shown above.

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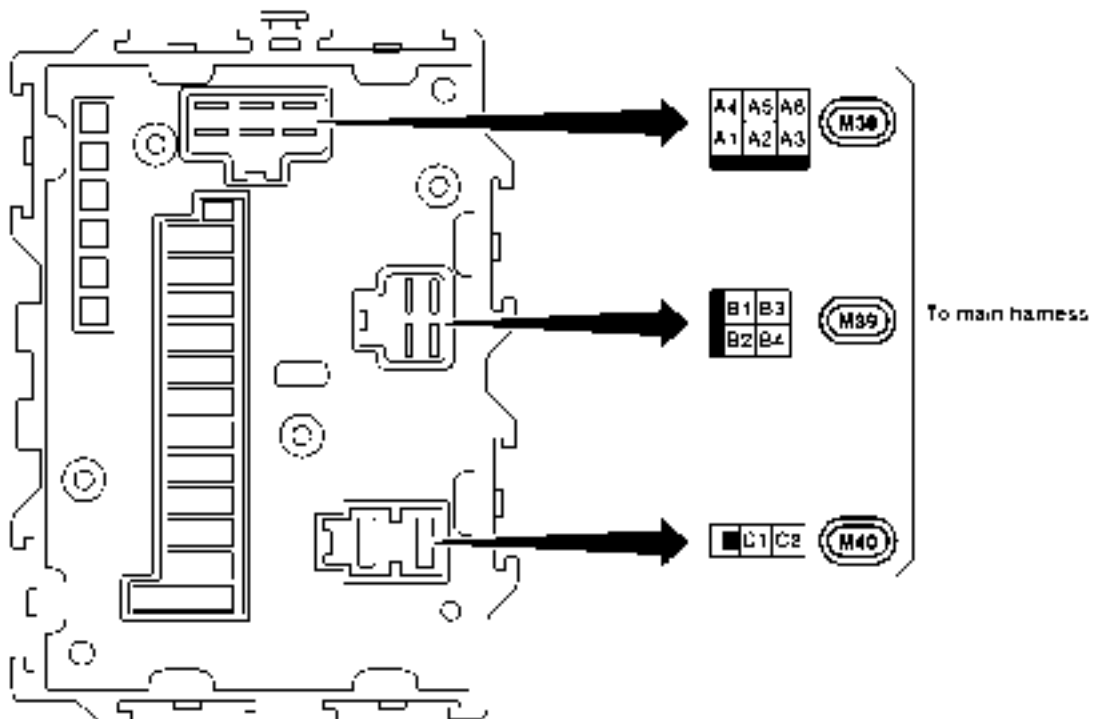
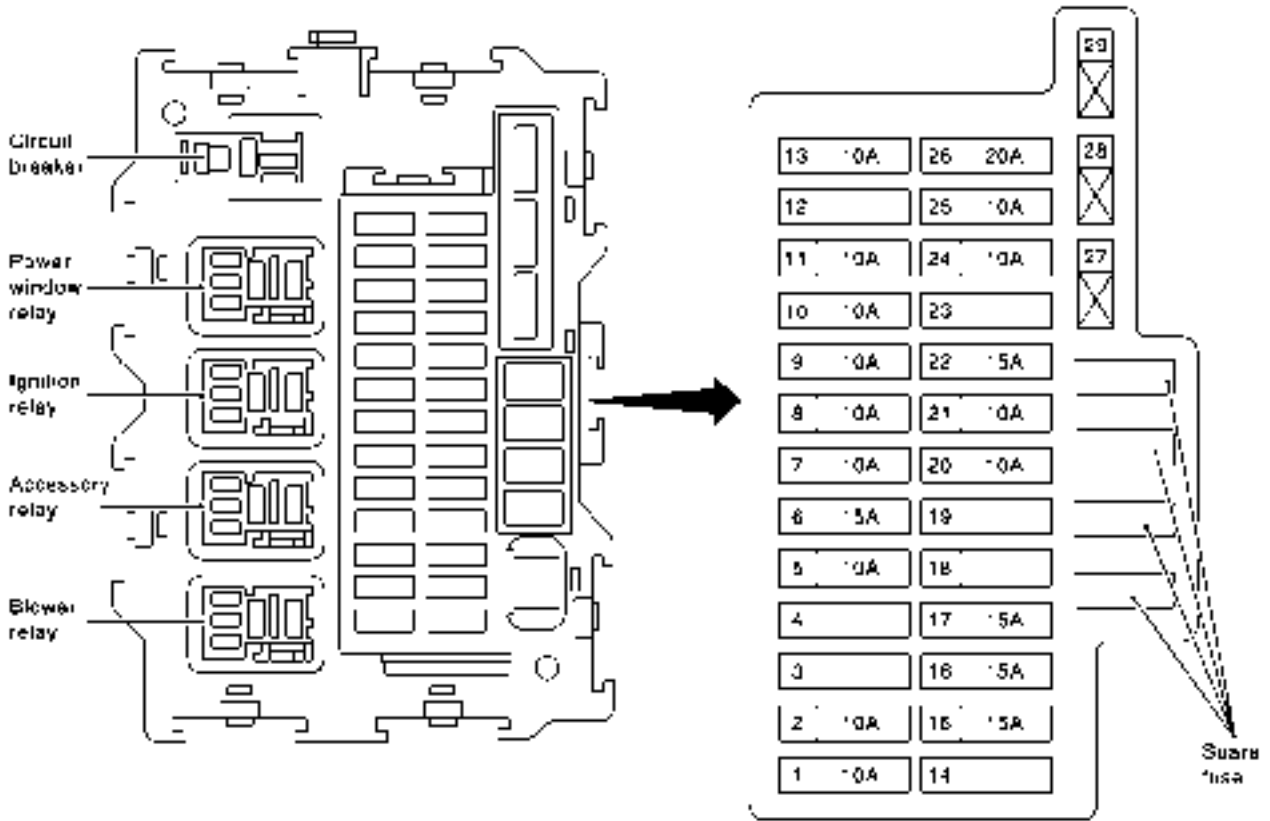
FUSE BLOCK-JUNCTION BOX(J/B)

PF0:24350

EKS0020Z

FUSE BLOCK-JUNCTION BOX(J/B)

Terminal Arrangement



CKIH0126E

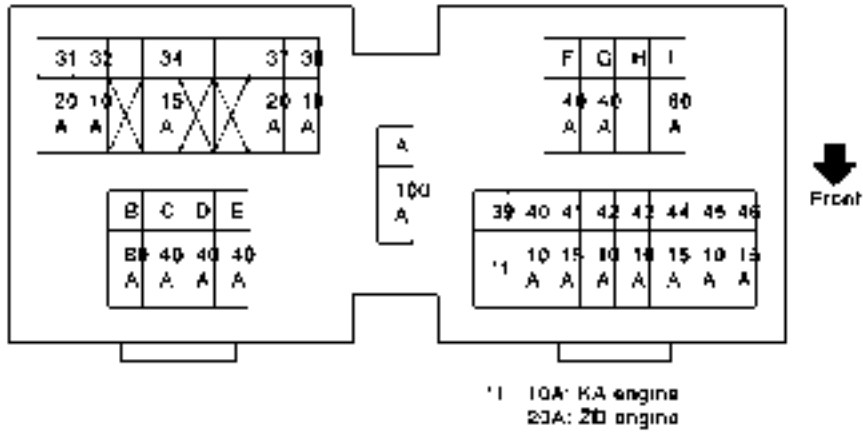
FUSE AND FUSIBLE LINK BOX

FUSE AND FUSIBLE LINK BOX

Terminal Arrangement

PFP:24381

EKS0020Y



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FUSE AND FUSIBLE LINK BOX
