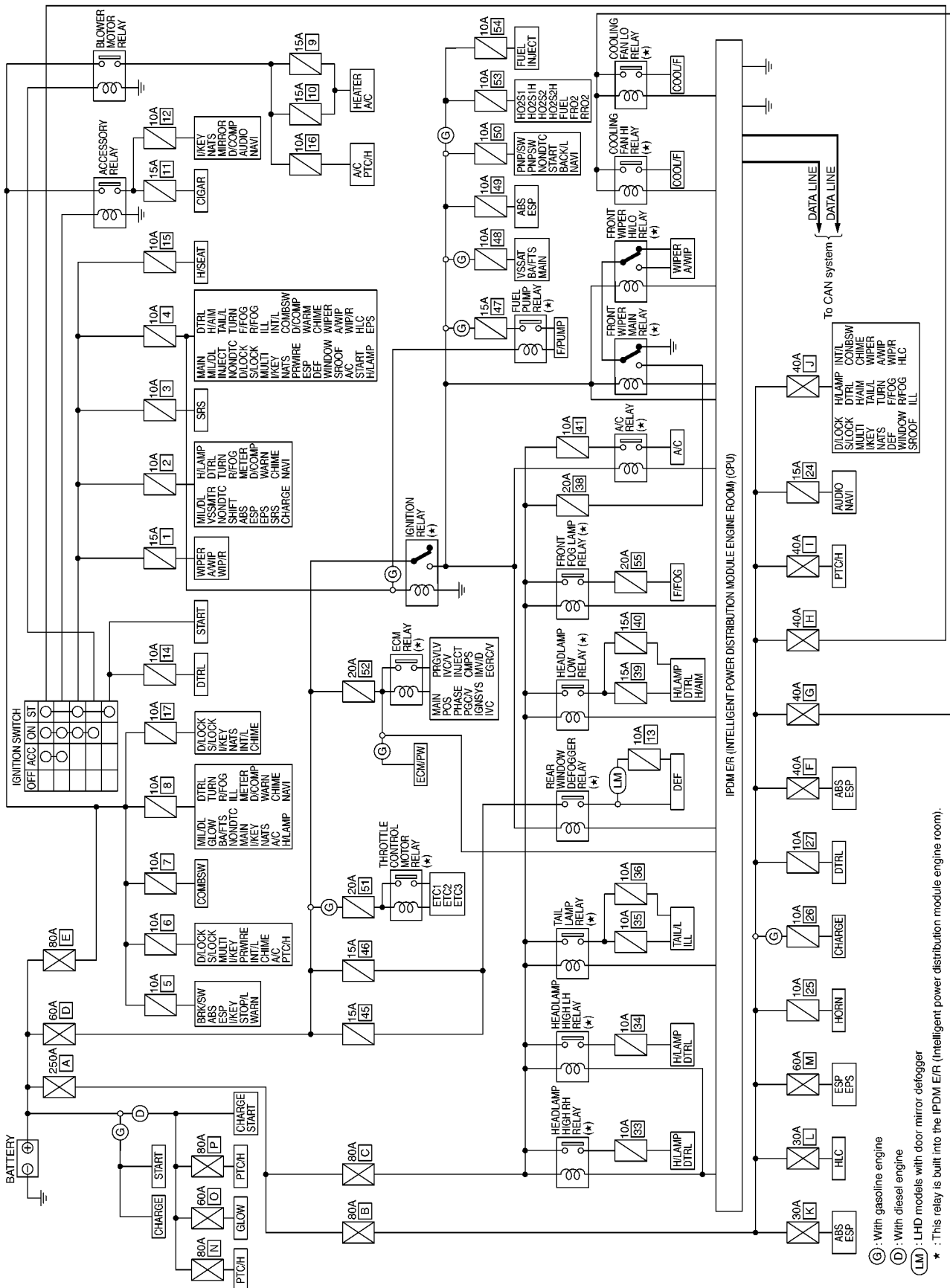


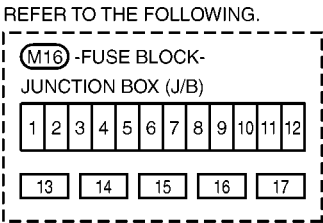
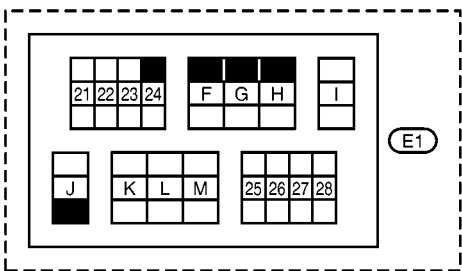
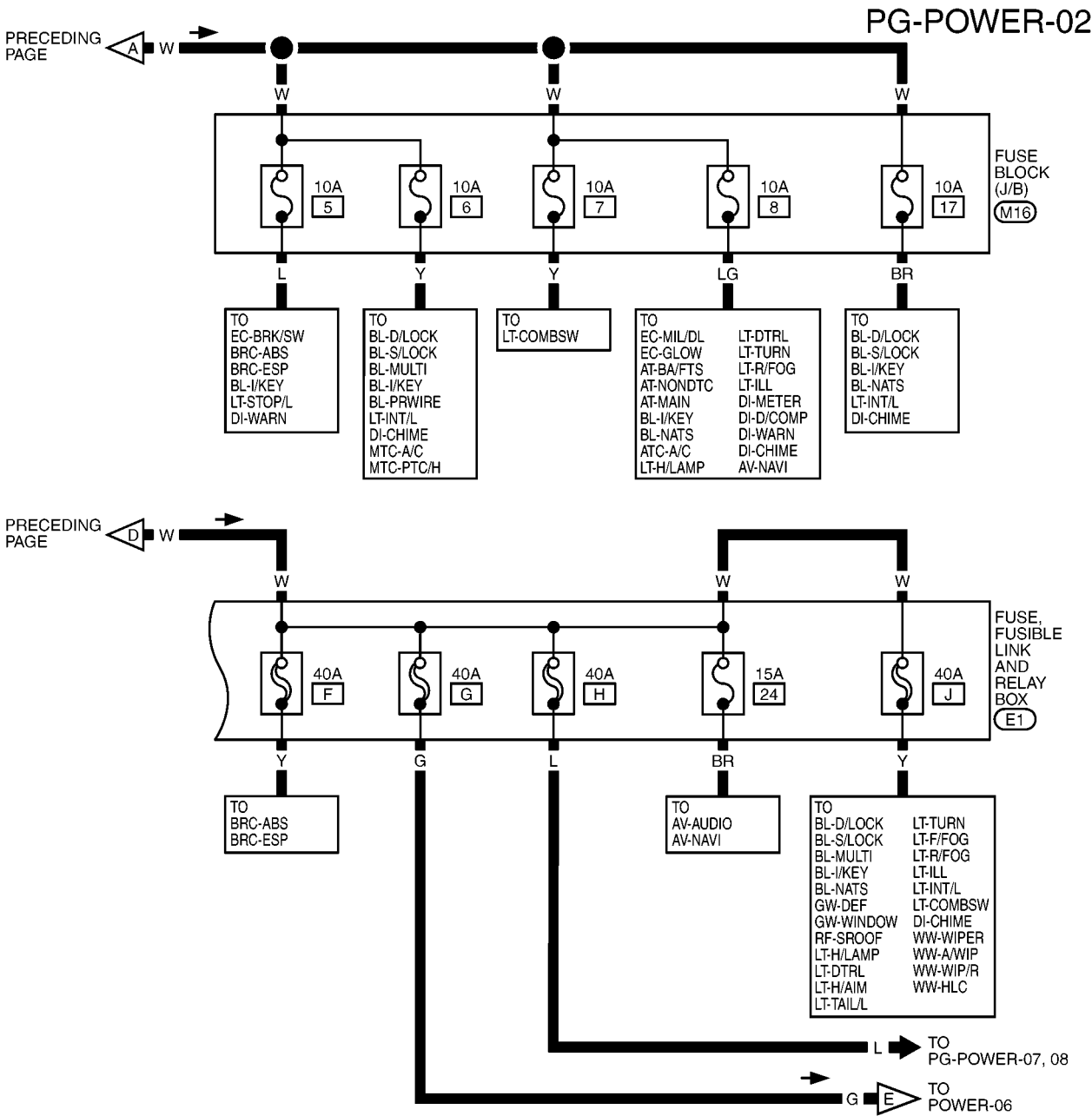
POWER SUPPLY ROUTING

To ESM

Schematic



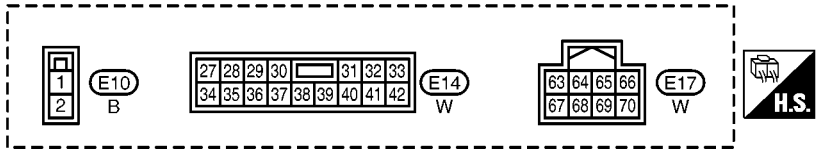
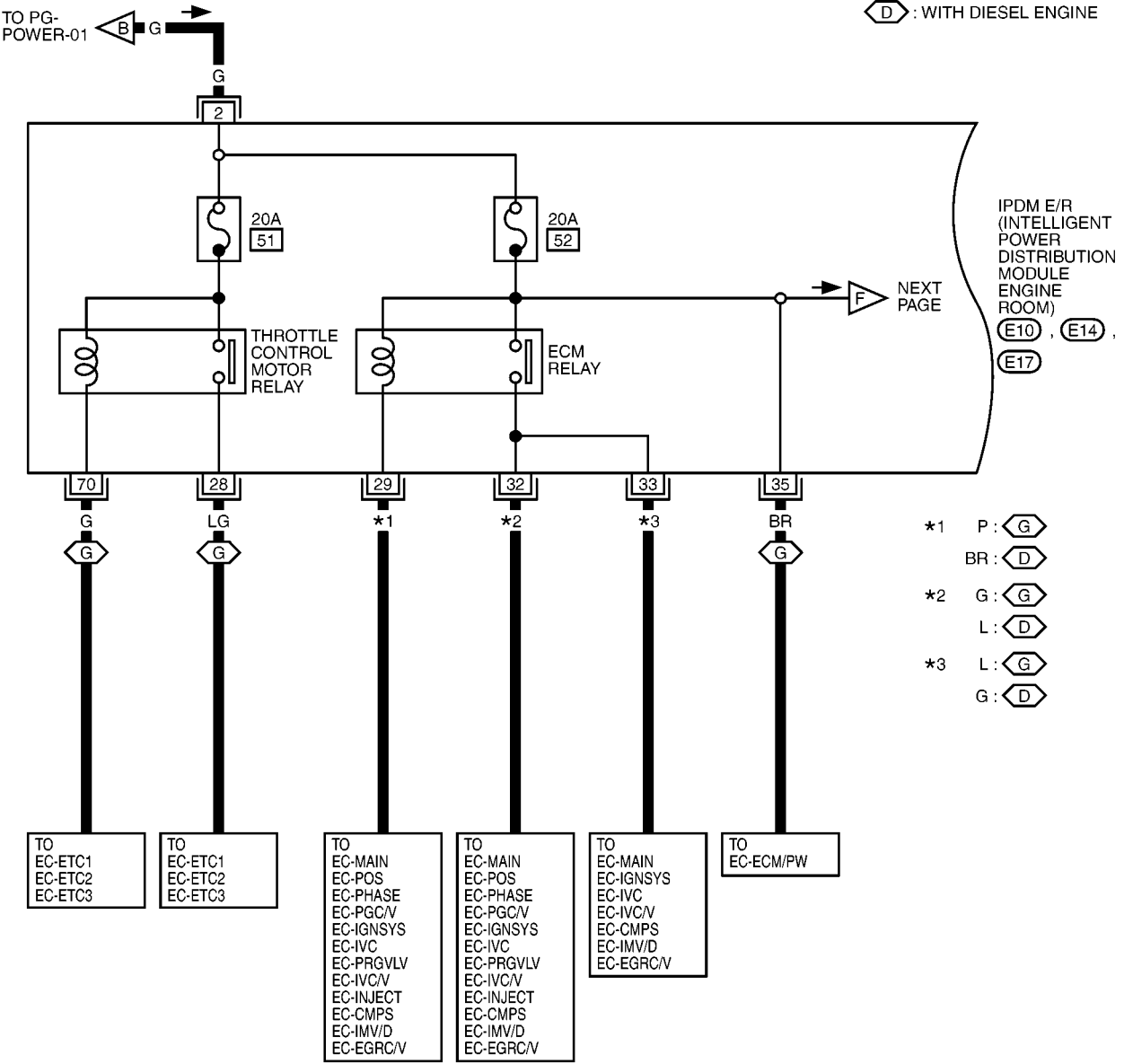
POWER SUPPLY ROUTING



POWER SUPPLY ROUTING

PG-POWER-03

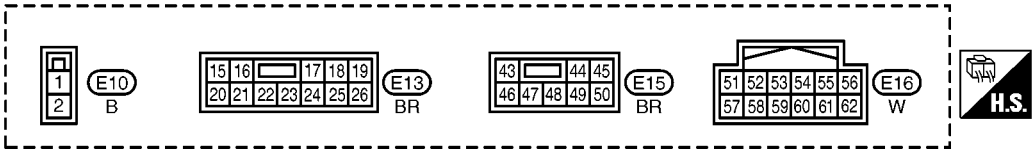
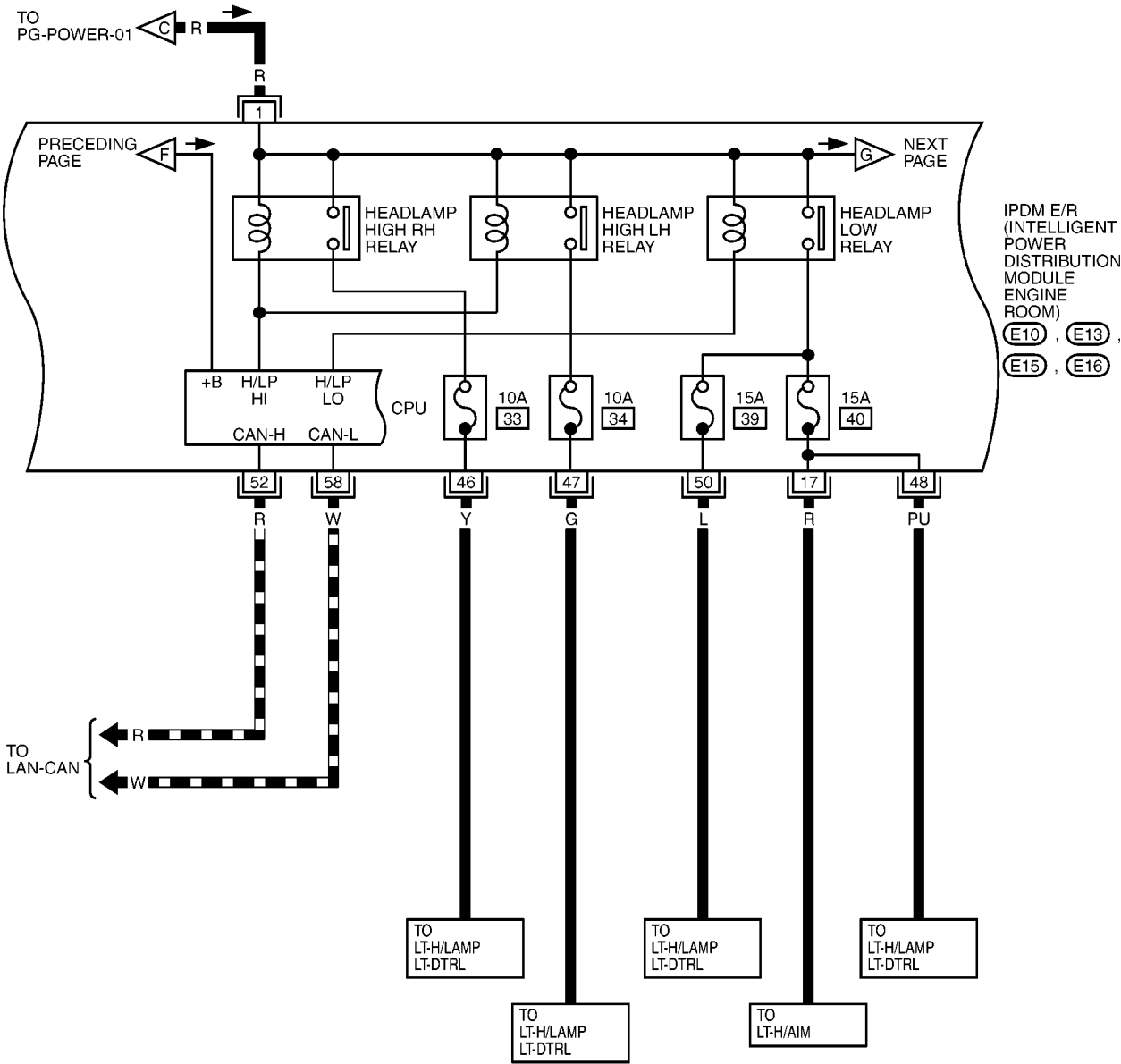
G : WITH GASOLINE ENGINE
D : WITH DIESEL ENGINE



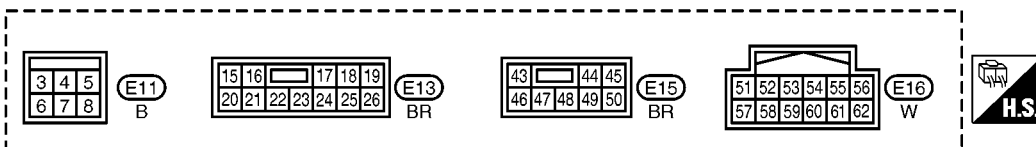
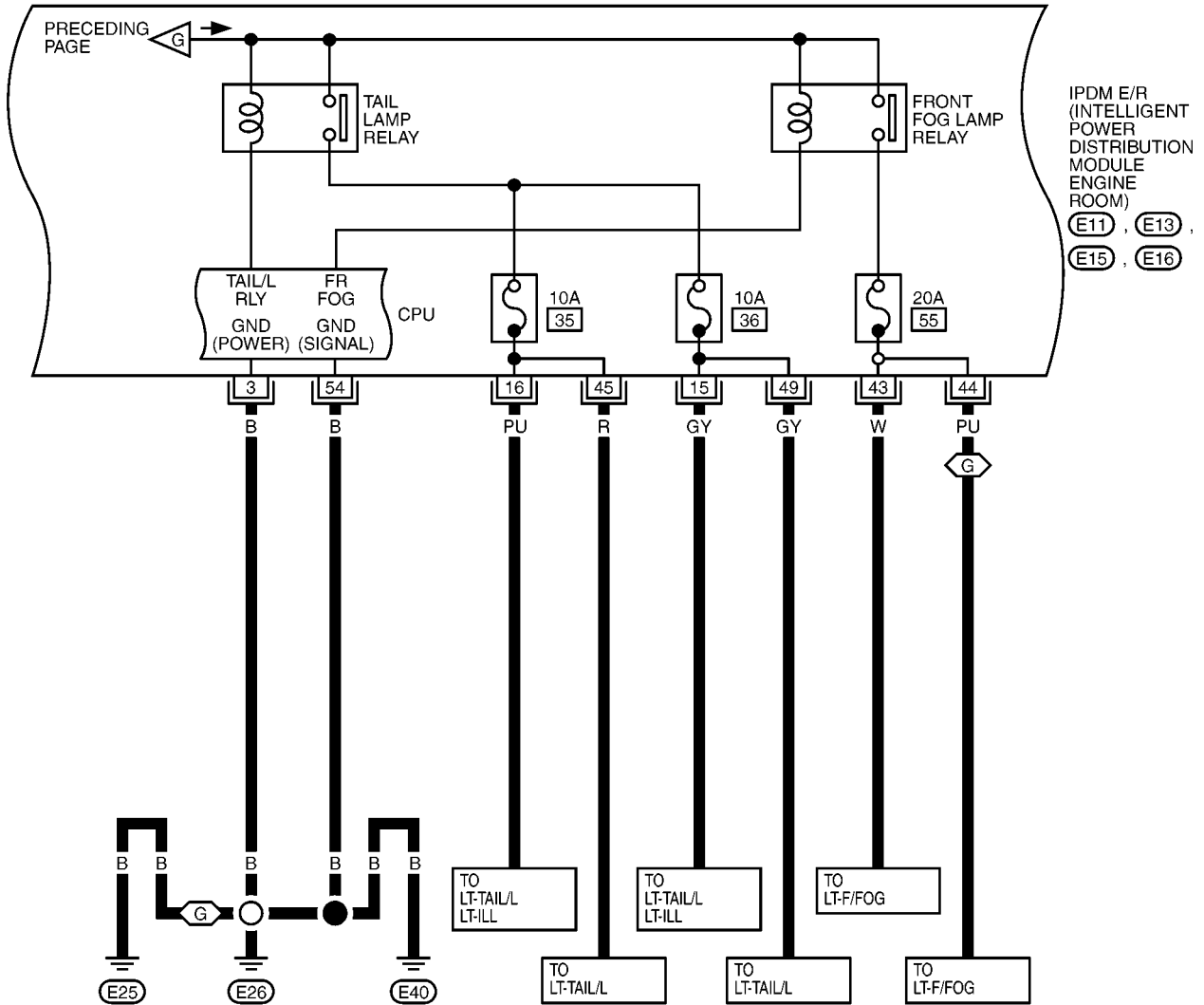
POWER SUPPLY ROUTING

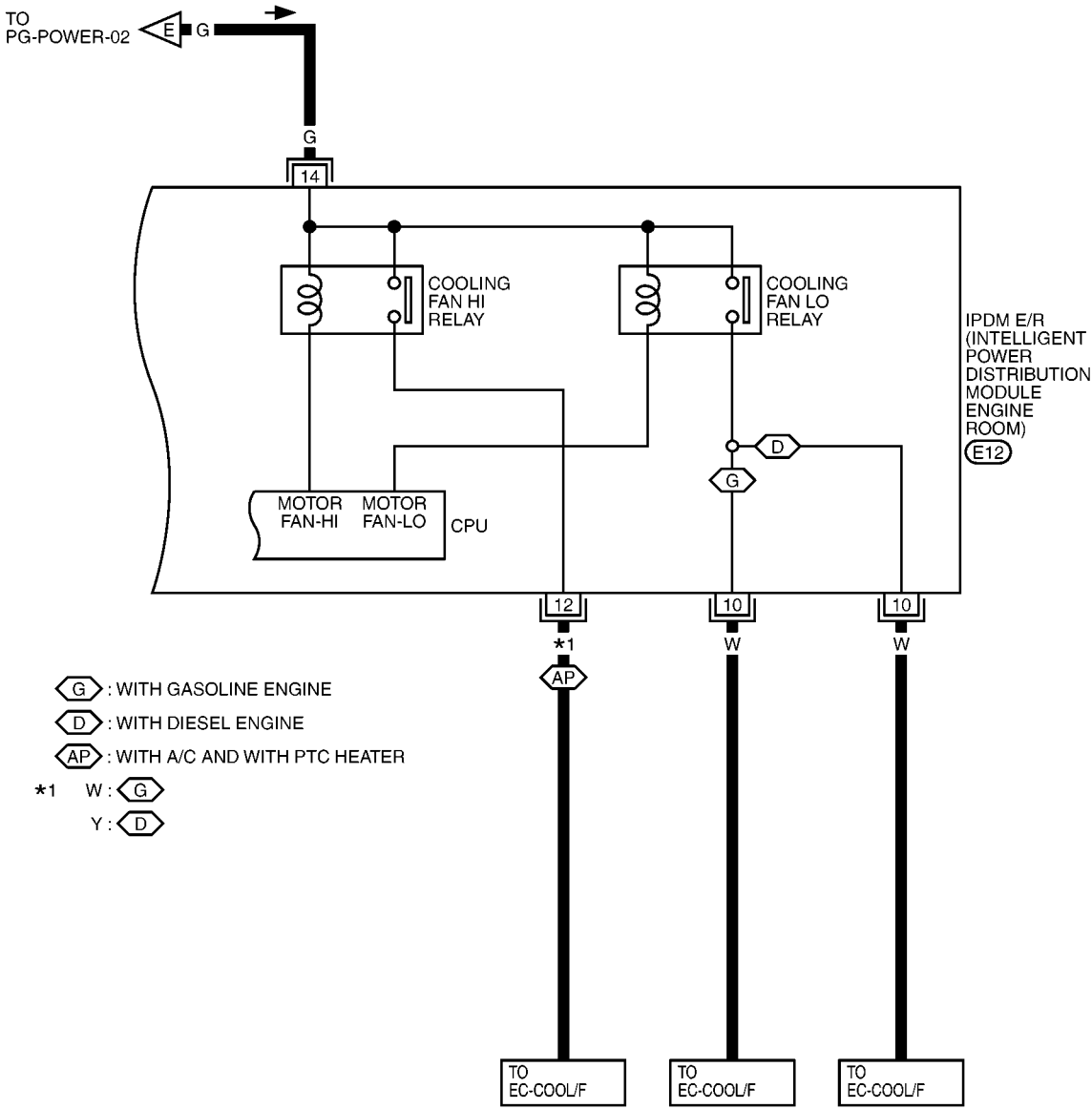
PG-POWER-04

DATA LINE



 : WITH GASOLINE ENGINE







POWER SUPPLY ROUTING

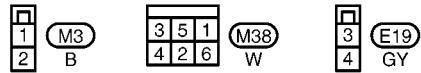
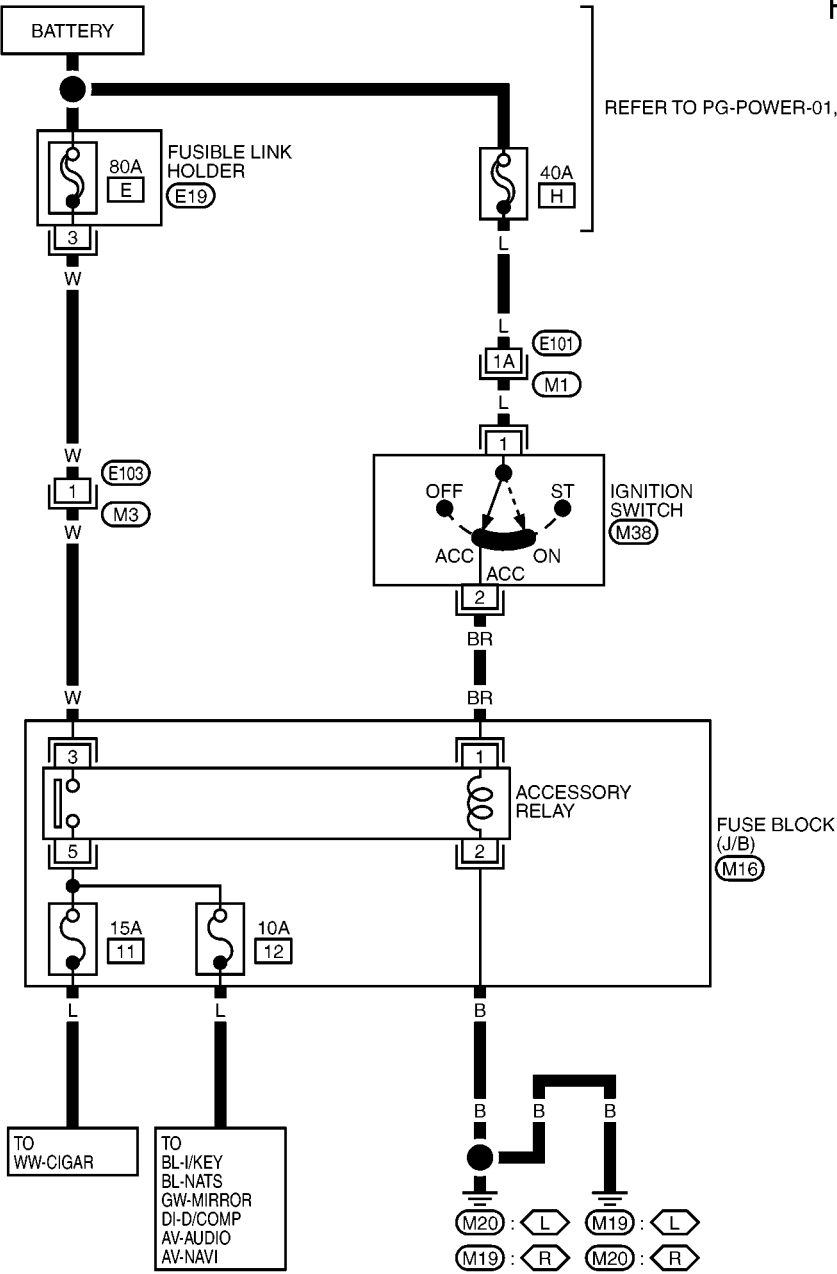
ACCESSORY POWER SUPPLY — IGNITION SW. IN “ACC” OR “ON”

To ESM


PG-POWER-07

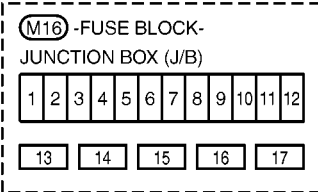
 : LHD MODELS
 : RHD MODELS

REFER TO PG-POWER-01, 02.



REFER TO THE FOLLOWING.

 -SUPER MULTIPLE JUNCTION (SMJ)



POWER SUPPLY ROUTING

IGNITION POWER SUPPLY — IGNITION SW. IN “ON” AND/OR “START”

To ESM

PG-POWER-08

G : WITH GASOLINE ENGINE

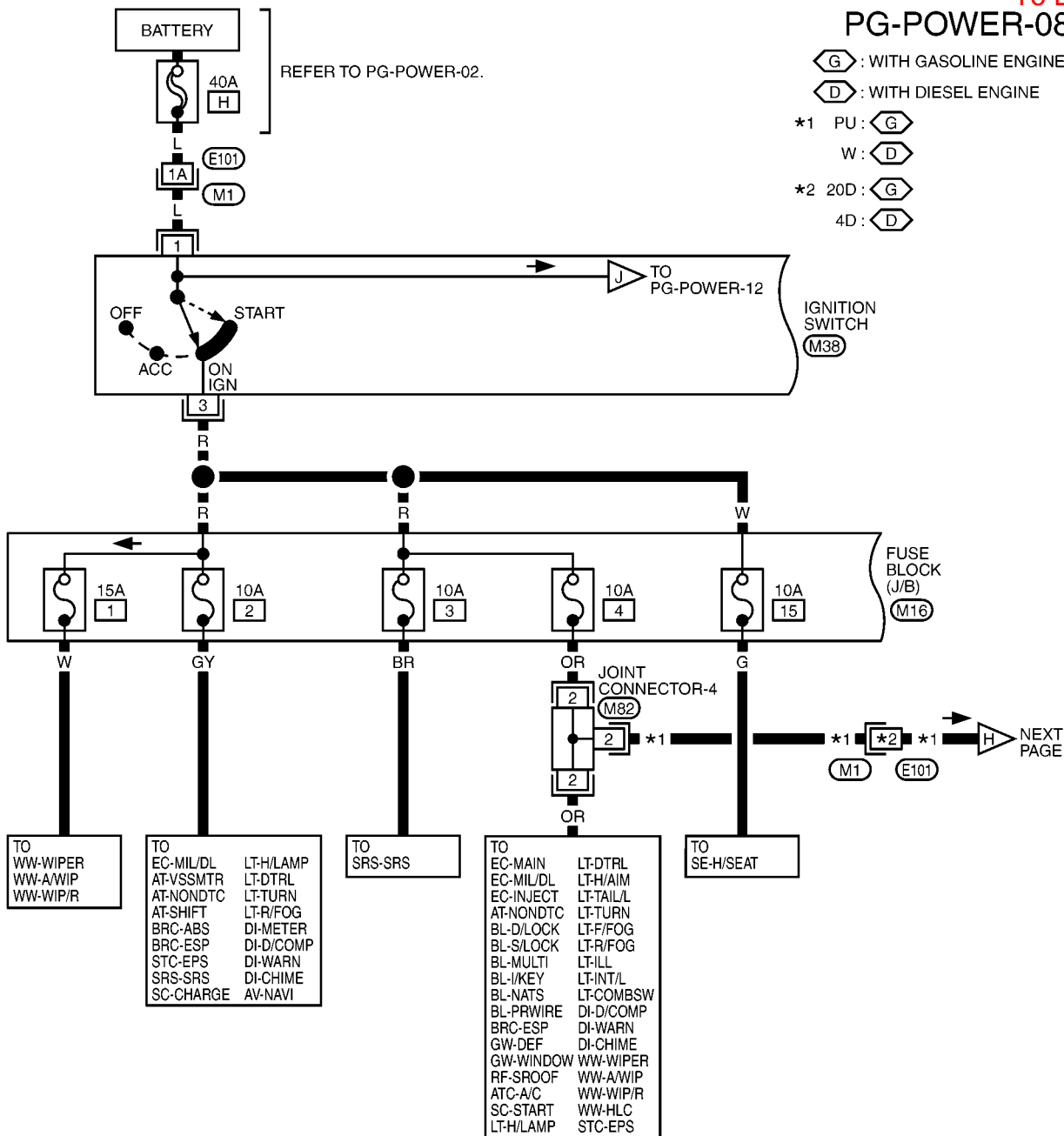
D : WITH DIESEL ENGINE

*1 PU : G

W : D

*2 20D : G

4D : D



3	5	1
4	2	6

(M38)
W

1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	3	3	3

(M82)
L

REFER TO THE FOLLOWING.

(M1) -SUPER MULTIPLE
JUNCTION (SMJ)

(M16) -FUSE BLOCK-
JUNCTION BOX (J/B)

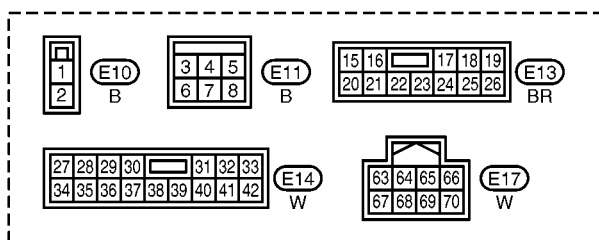
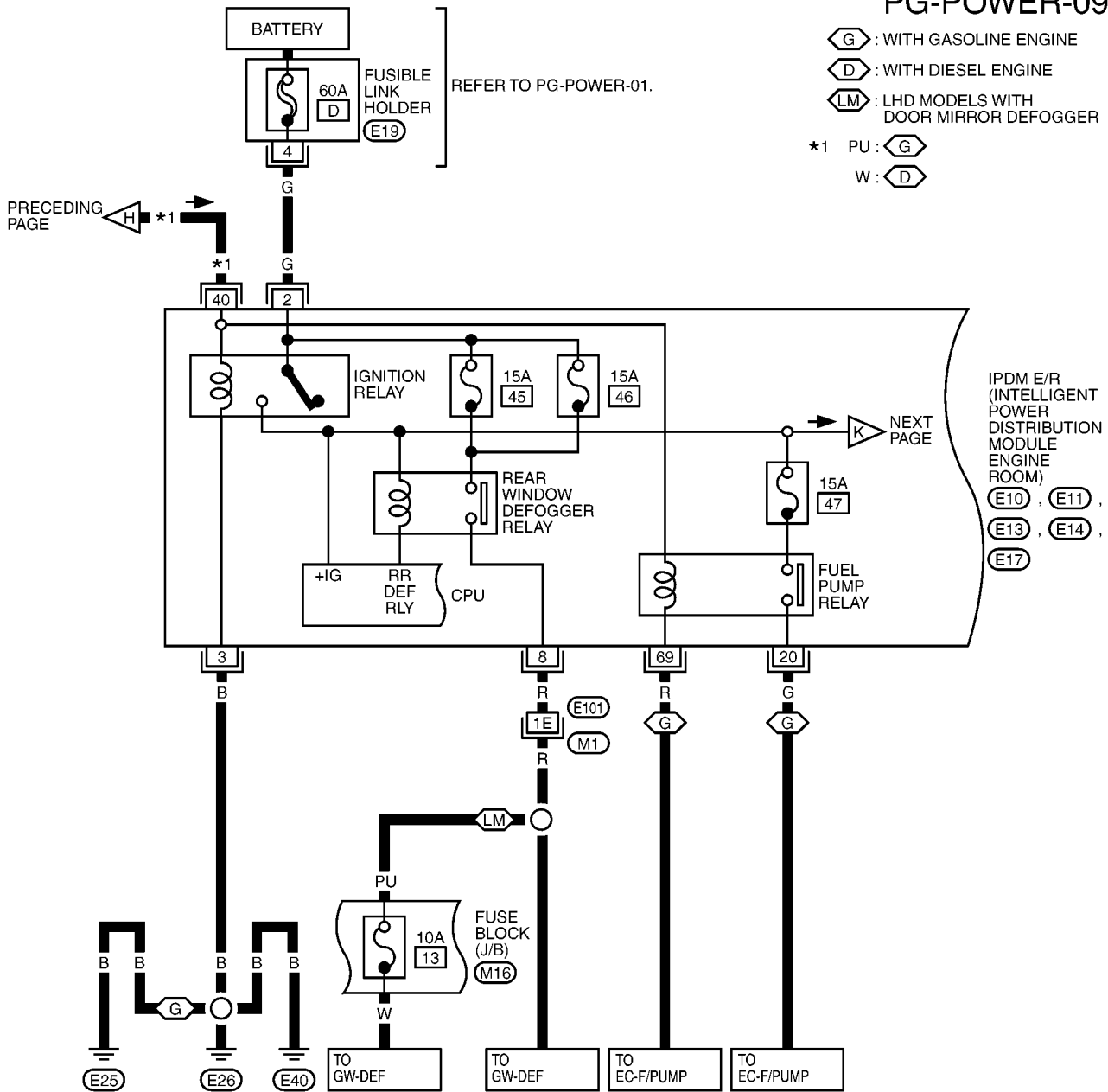
1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17							

POWER SUPPLY ROUTING

PG-POWER-09

- G : WITH GASOLINE ENGINE
- D : WITH DIESEL ENGINE
- LM : LHD MODELS WITH DOOR MIRROR DEFOGGER

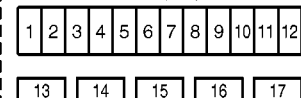
- *1 PU : G
- W : D



REFER TO THE FOLLOWING.

M1 -SUPER MULTIPLE JUNCTION (SMJ)

M16 -FUSE BLOCK-JUNCTION BOX (J/B)



POWER SUPPLY ROUTING

PG-POWER-10

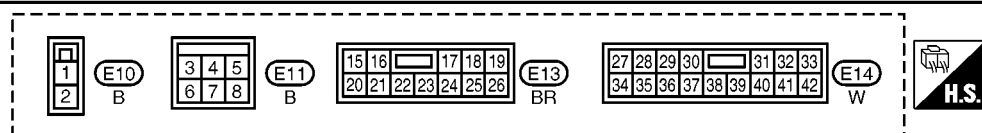
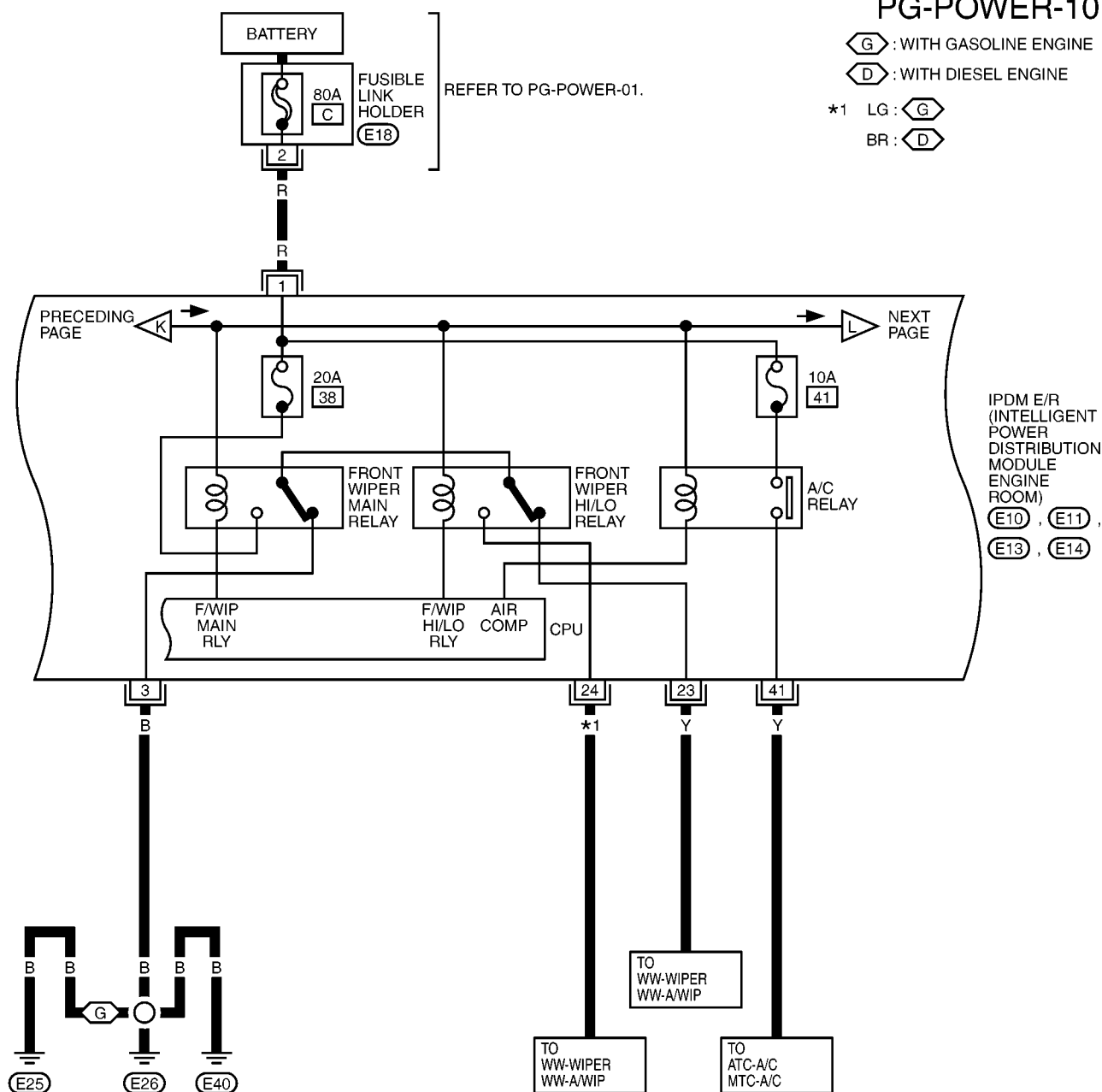
 : WITH GASOLINE ENGINE

 : WITH DIESEL ENGINE

*1 LG:

BR :

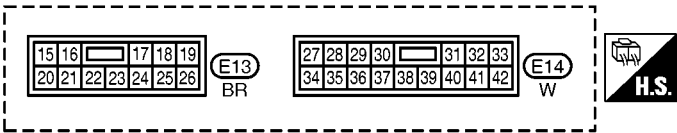
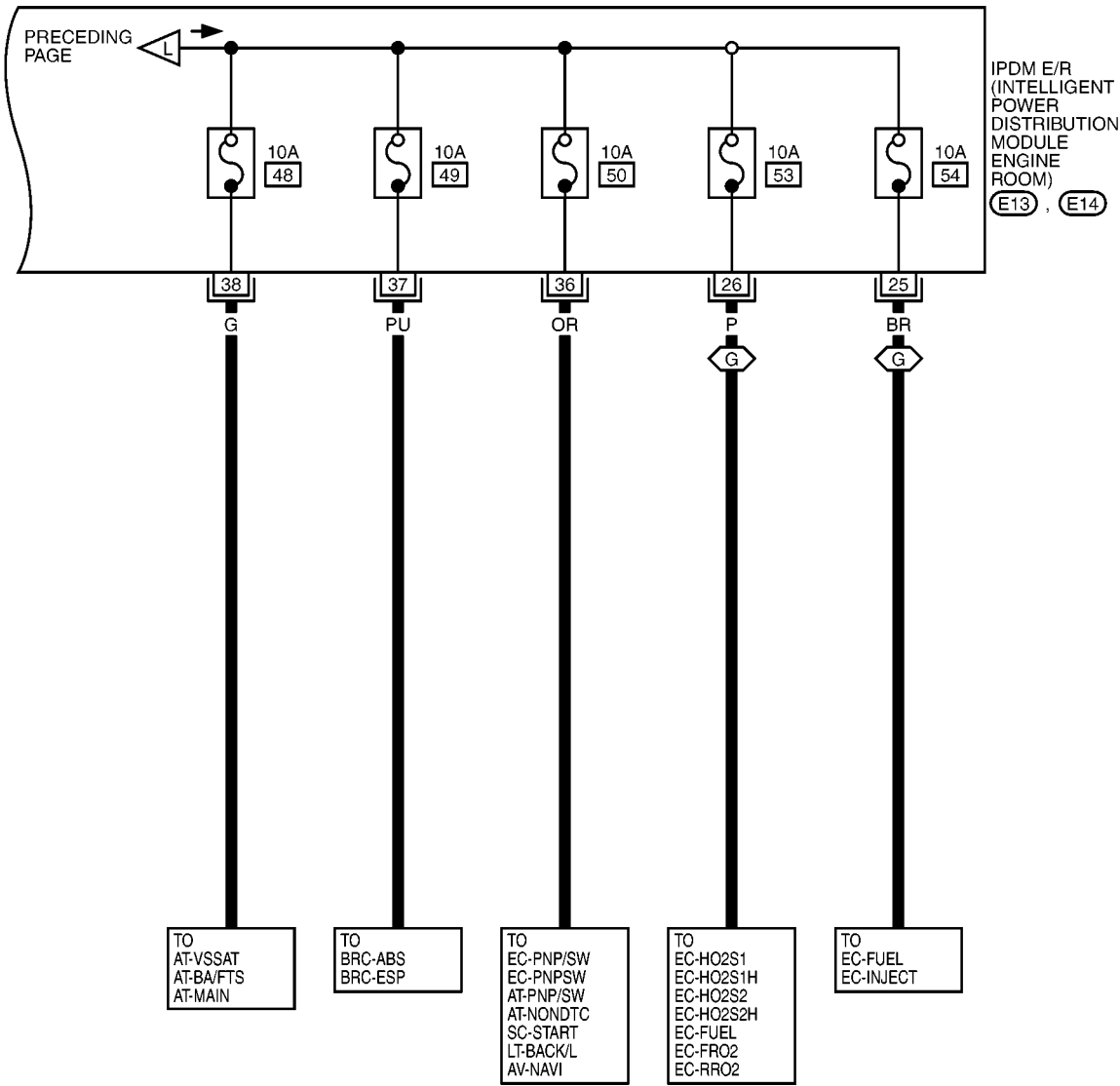
REFER TO PG-POWER-01.




POWER SUPPLY ROUTING

PG-POWER-11

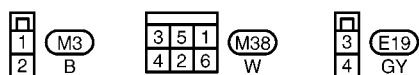
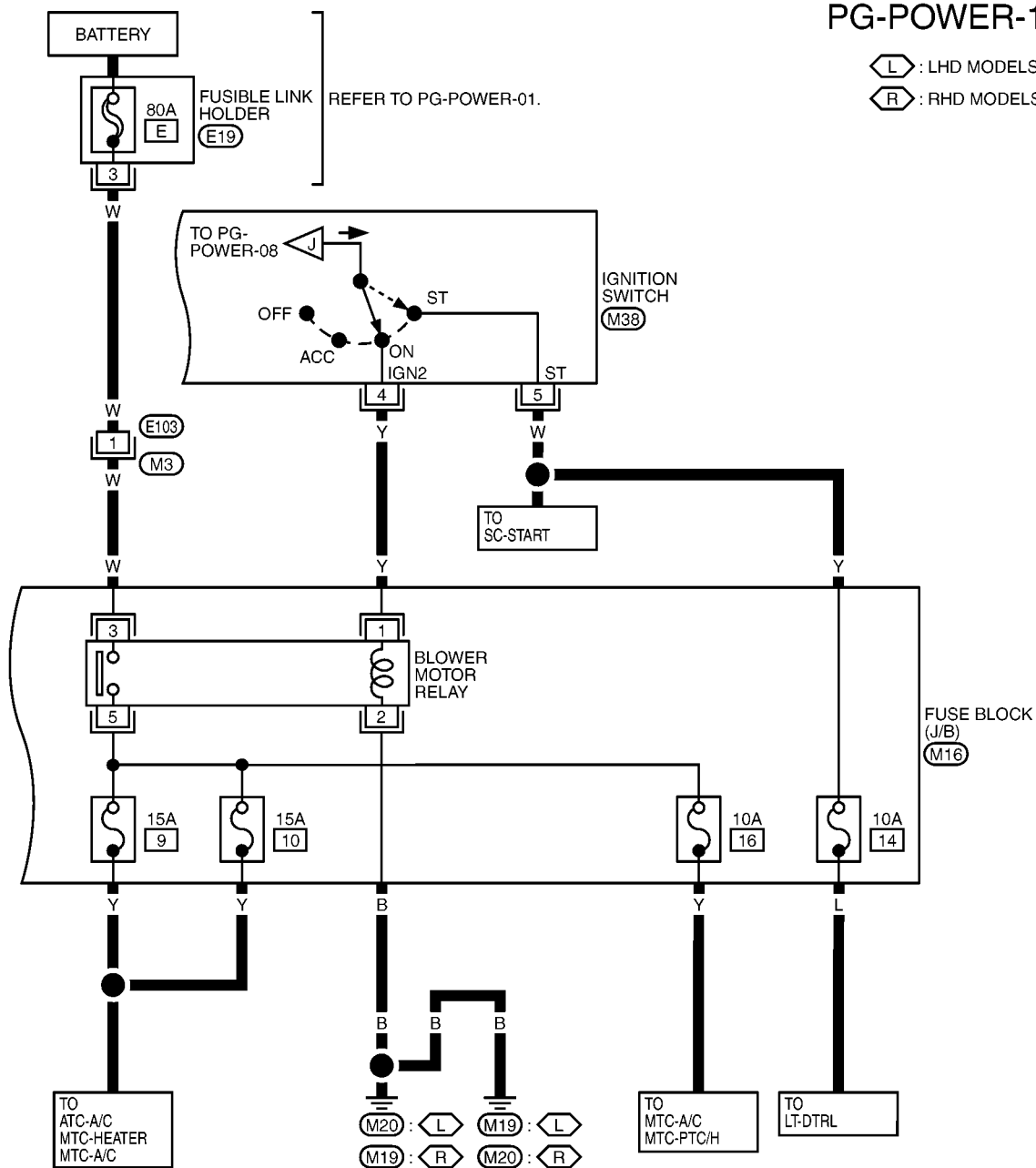
G : WITH GASOLINE ENGINE



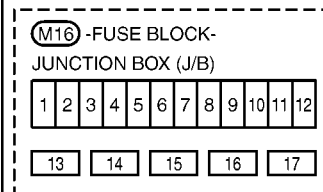
PG-POWER-12

 : LHD MODELS

 : RHD MODELS



REFER TO THE FOLLOWING.

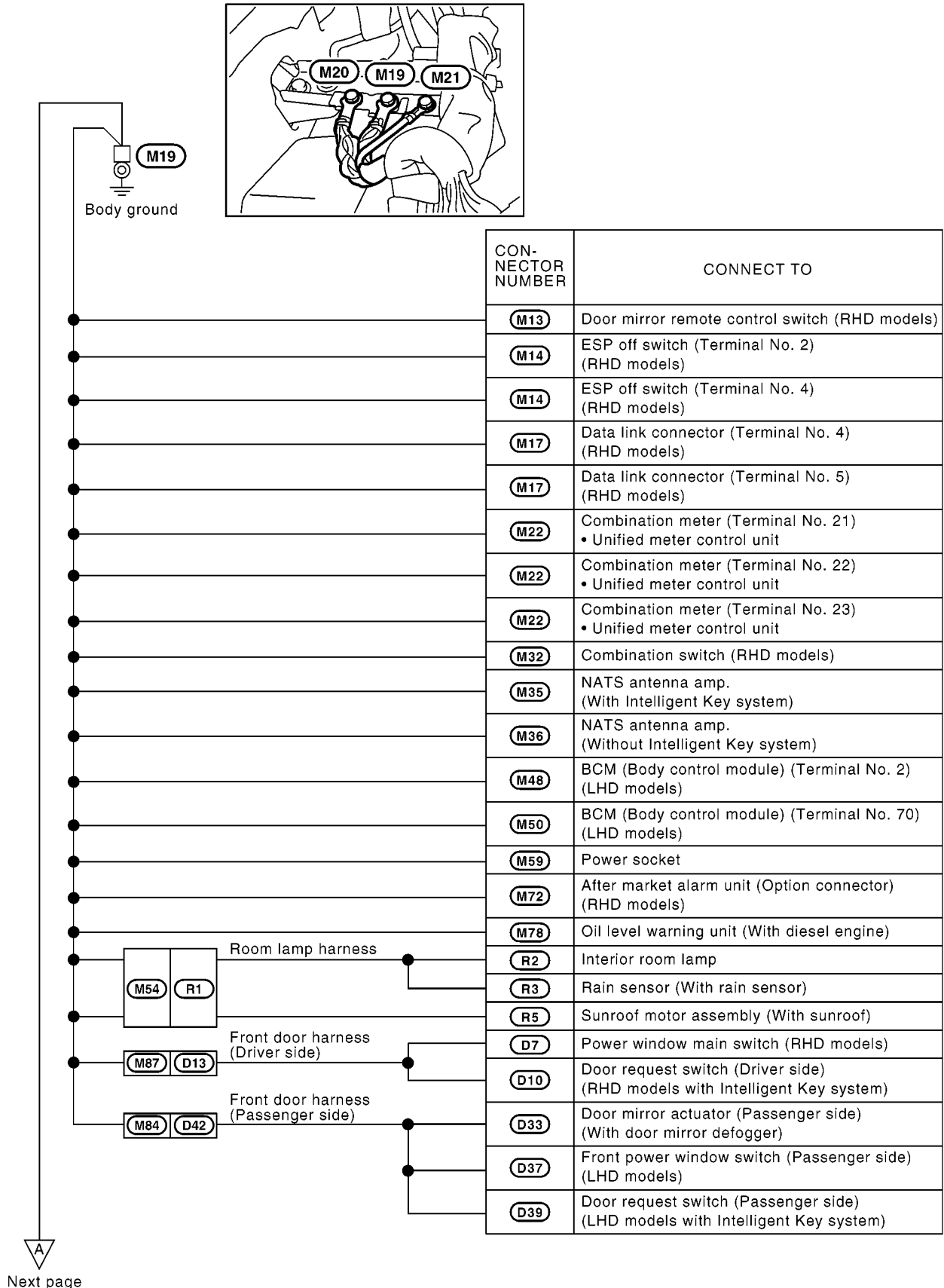


GROUND

GROUND

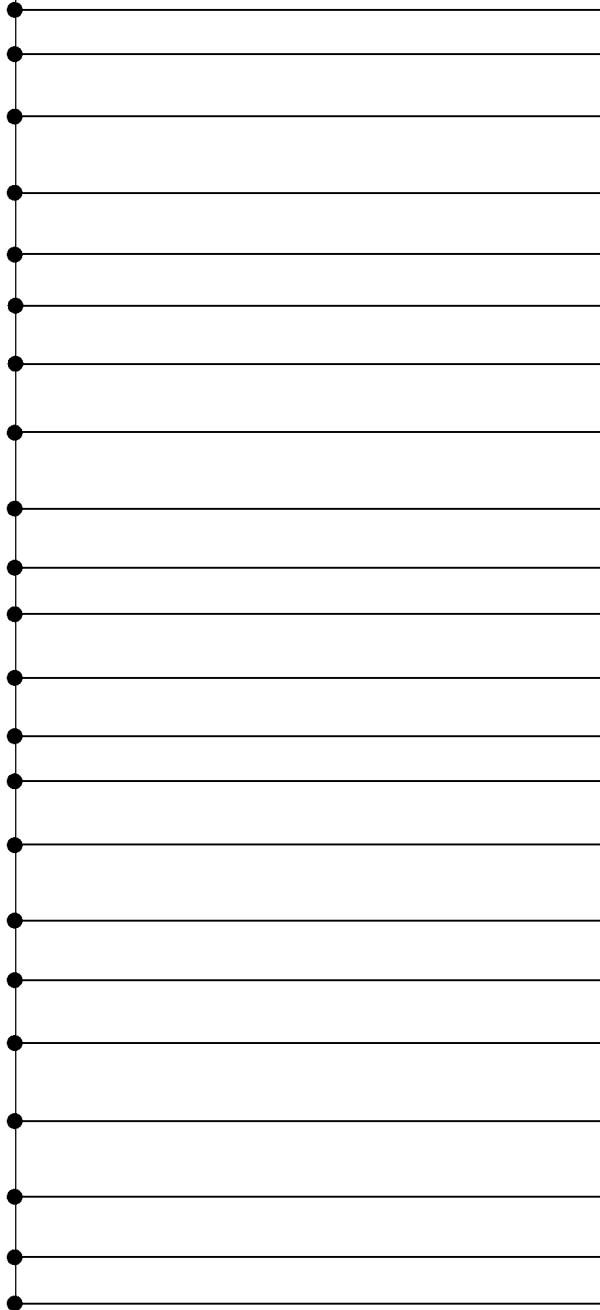
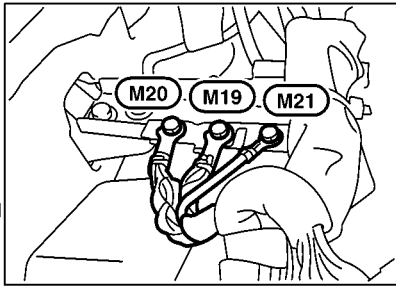
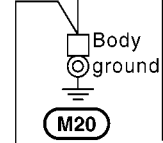
Ground Distribution MAIN HARNESS

To ESM



GROUND

Preceding page



CON- NECTOR NUMBER	CONNECT TO
M11	Headlamp aiming switch (Terminal No. 2)
M11	Headlamp aiming switch (Terminal No. 4)
M12	Headlamp washer switch (Terminal No. 2) (With headlamp washer)
M12	Headlamp washer switch (Terminal No. 4) (With headlamp washer)
M13	Door mirror remote control switch (LHD models)
M14	ESP off switch (Terminal No. 2) (LHD models)
M14	ESP off switch (Terminal No. 4) (LHD models)
M17	Data link connector (Terminal No. 4) (LHD models)
M17	Data link connector (Terminal No. 5) (LHD models)
M28	Drive computer
M32	Combination switch (LHD models)
M37	Clutch interlock switch (With M/T and Intelligent Key system)
M42	Fan control amp. (With auto A/C)
M45	Thermal control amplifier (With manual A/C)
M48	BCM (Body control module) (Terminal No. 2) (RHD models)
M50	BCM (Body control module) (Terminal No. 70) (RHD models)
M51	Intelligent Key unit (With Intelligent Key system)
M58	Heater control panel (Terminal No. 6) (Without auto A/C)
M58	Heater control panel (Terminal No. 7) (Without auto A/C)
M58	Heater control panel (Terminal No. 10) (Without auto A/C)
M61	Hazard switch (Terminal No. 1)
M61	Hazard switch (Terminal No. 4)

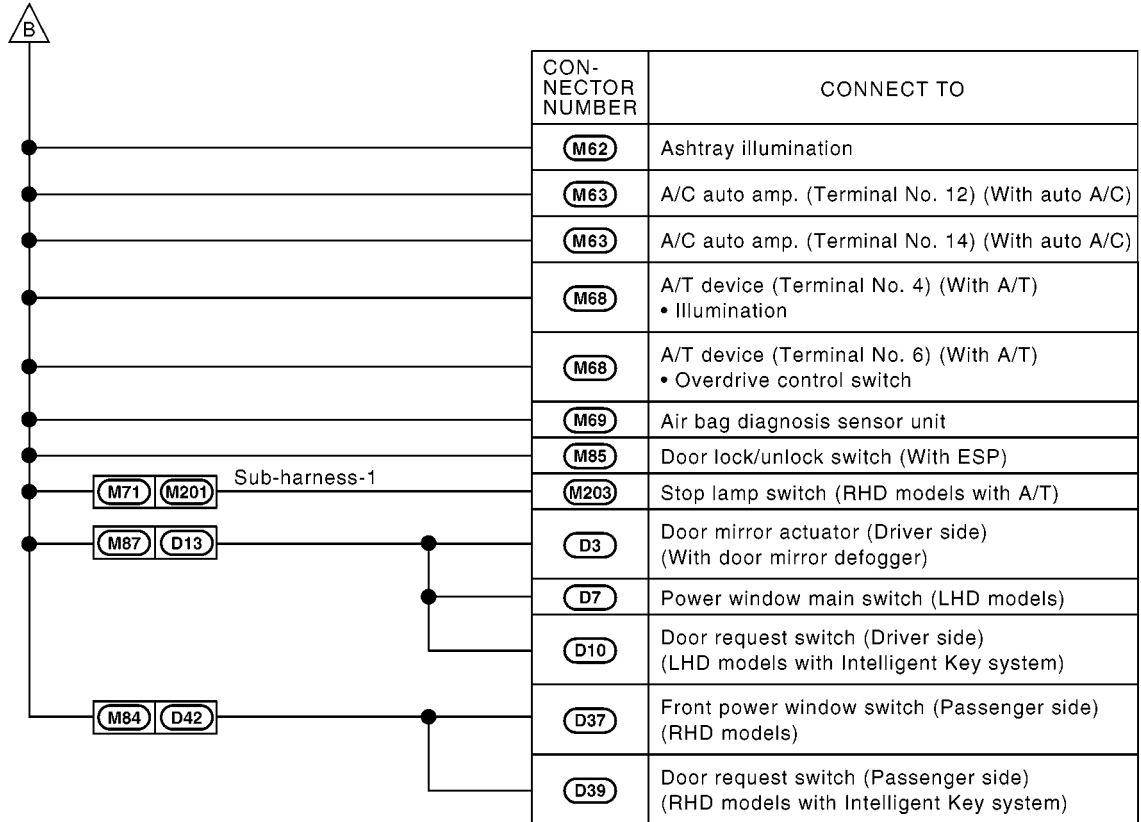


Next page

MKWA1846E

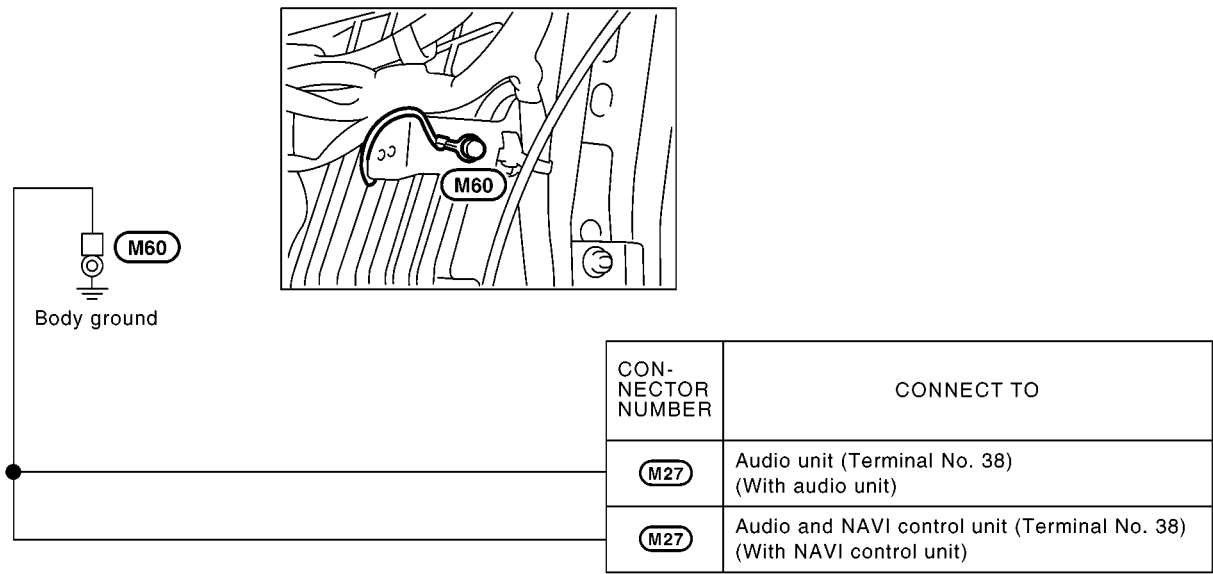
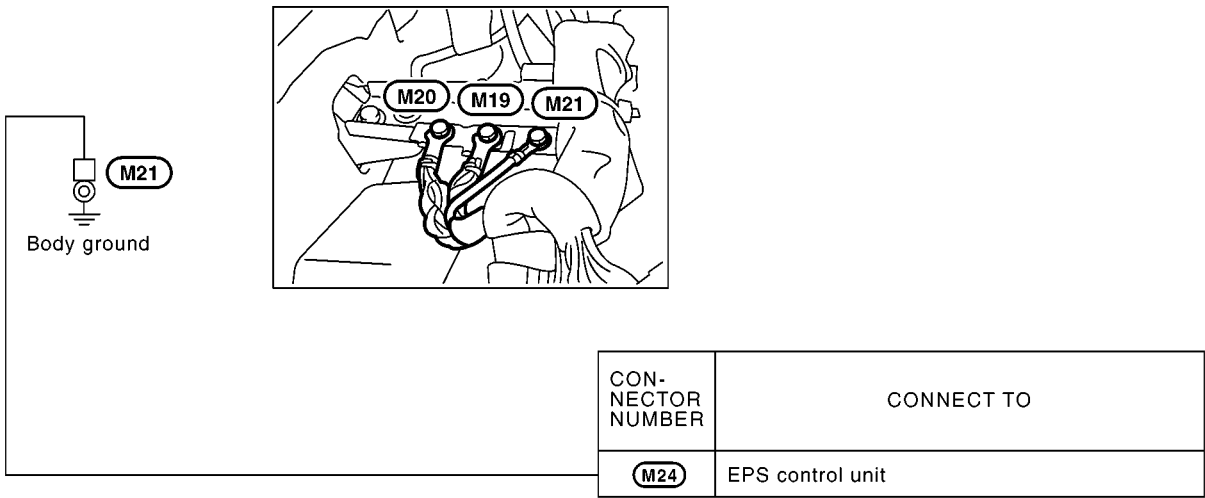
GROUND

Preceding page



MKWA3105E

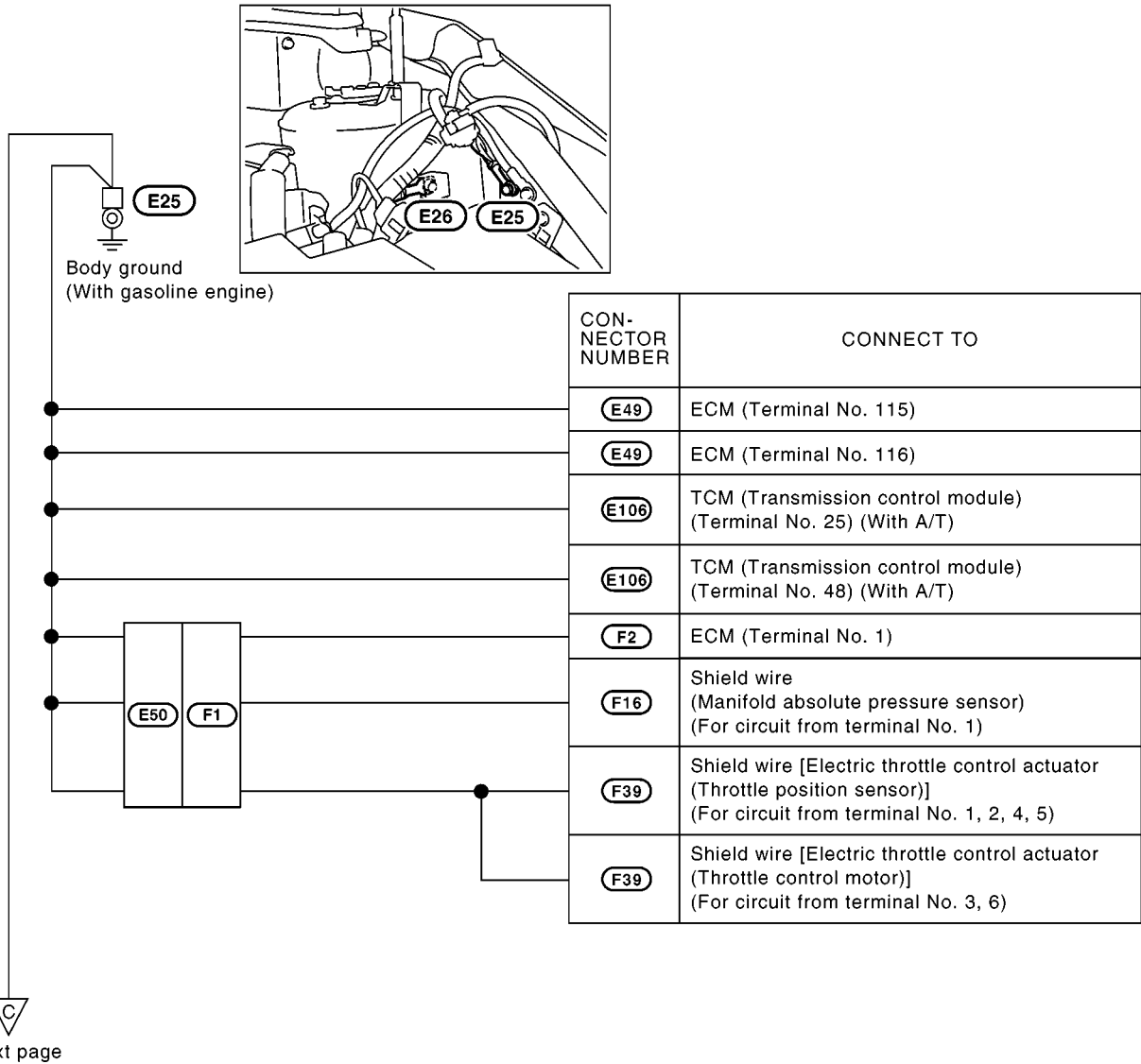
GROUND



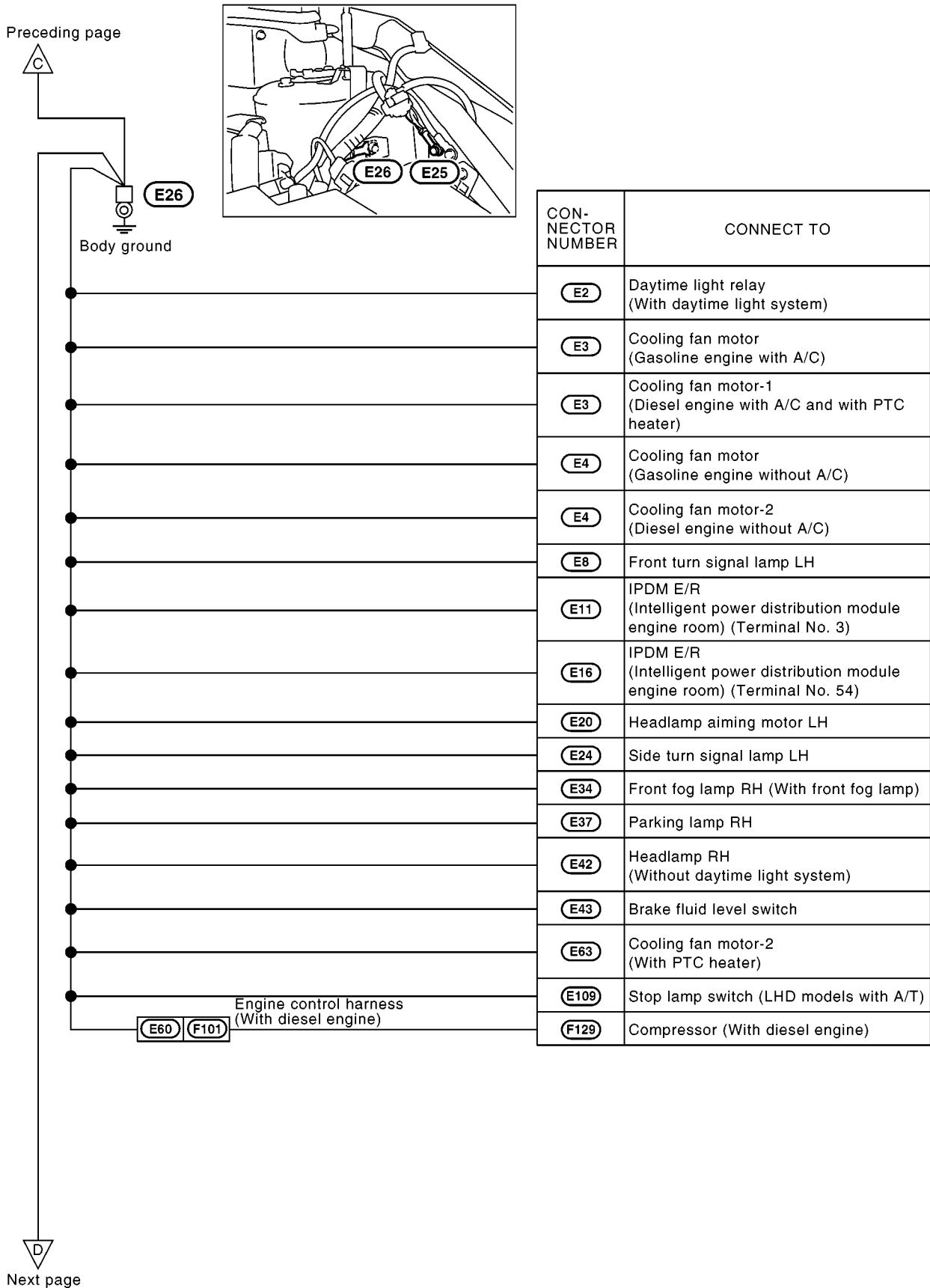
GROUND

ENGINE ROOM HARNESS

To ESM



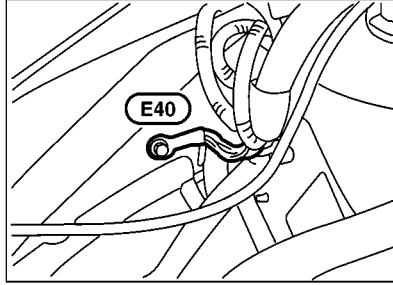
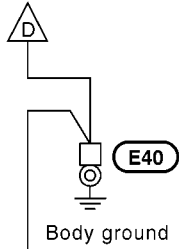
GROUND



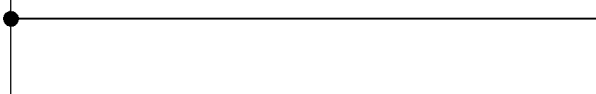
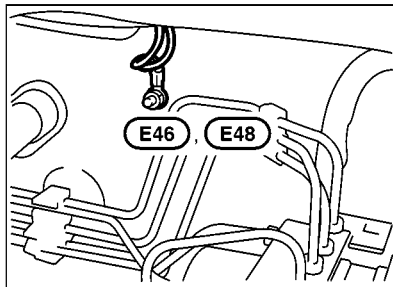
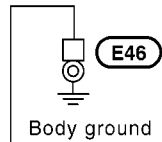
MKWA1498E

GROUND

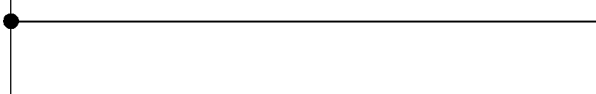
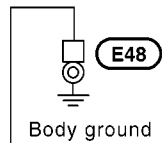
Preceding page



CON- NECTOR NUMBER	CONNECT TO
E7	Front fog lamp LH (With front fog lamp)
E21	Headlamp LH
E22	Parking lamp LH
E27	Shield wire (Crash zone sensor) (For circuit from terminal No. 1, 2)
E30	Horn
E32	Front turn signal lamp RH
E33	Headlamp washer motor (With headlamp washer)
E35	Side turn signal lamp RH
E39	Headlamp aiming motor RH
E44	Front wiper motor



CON- NECTOR NUMBER	CONNECT TO
E45	ABS actuator and electric unit (Control unit) (Terminal No. 1) (Without ESP)
E45	ABS actuator and electric unit (Control unit) (Terminal No. 4) (Without ESP)



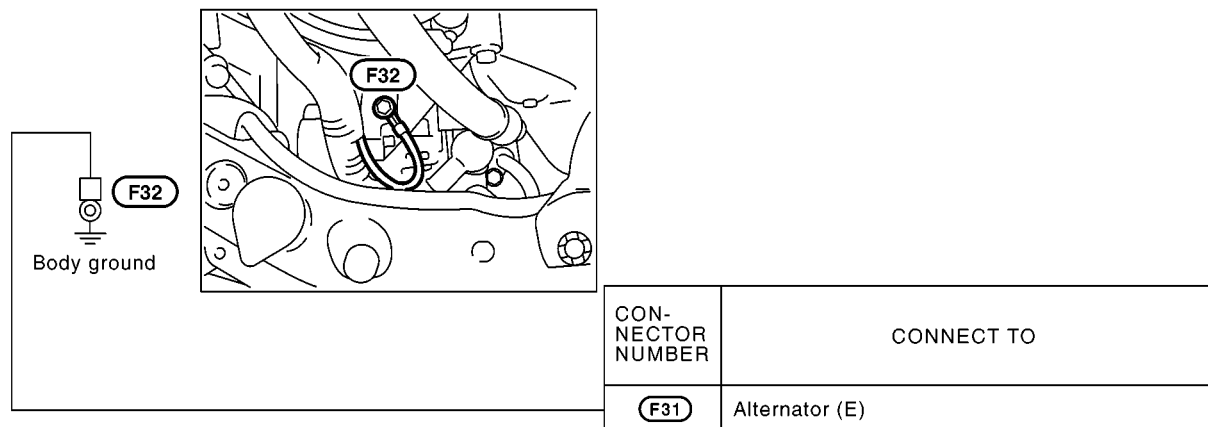
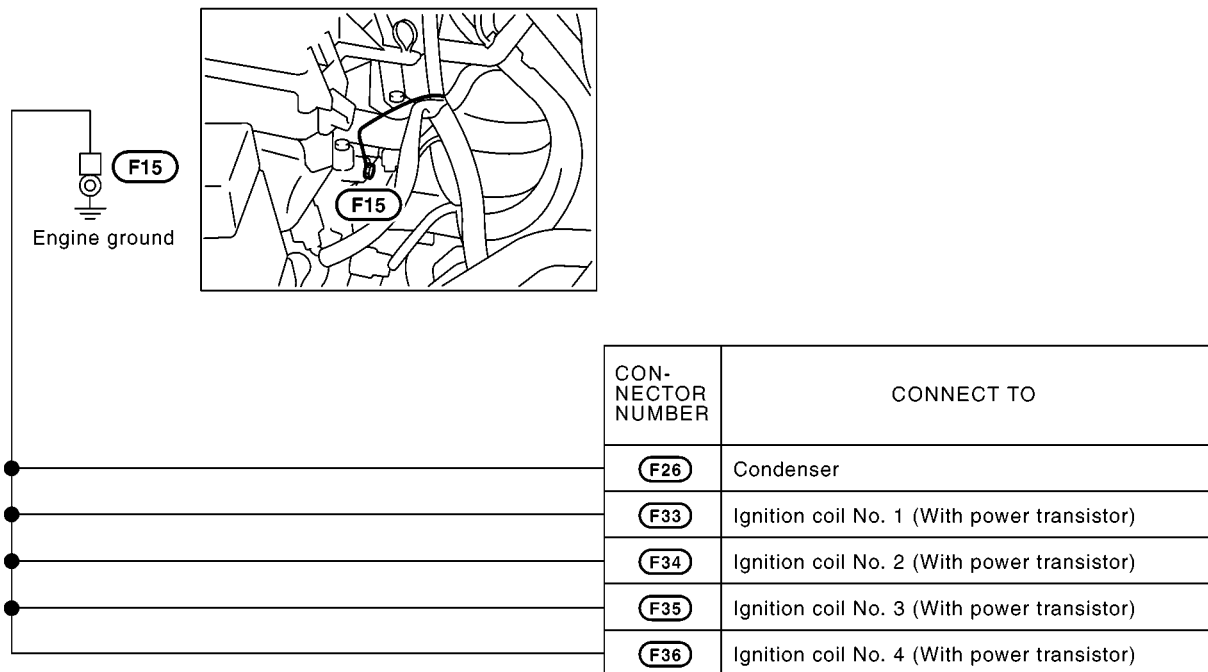
CON- NECTOR NUMBER	CONNECT TO
E47	ABS actuator and electric unit (Control unit) (Terminal No. 1) (With ESP)
E47	ABS actuator and electric unit (Control unit) (Terminal No. 4) (With ESP)

MKWA1848E

GROUND

ENGINE CONTROL HARNESS/CR ENGINE MODELS

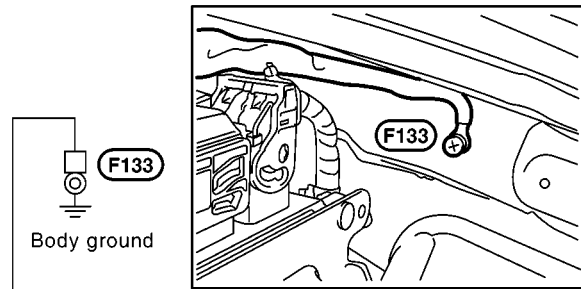
To ESM



GROUND

ENGINE CONTROL HARNESS/K9K ENGINE MODELS

To ESM

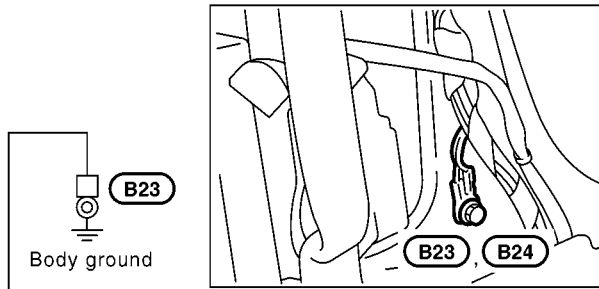


CON- NECTOR NUMBER	CONNECT TO
F134	ECM (Terminal No. 111)
F134	ECM (Terminal No. 112)

GROUND

BODY HARNESS

To ESM

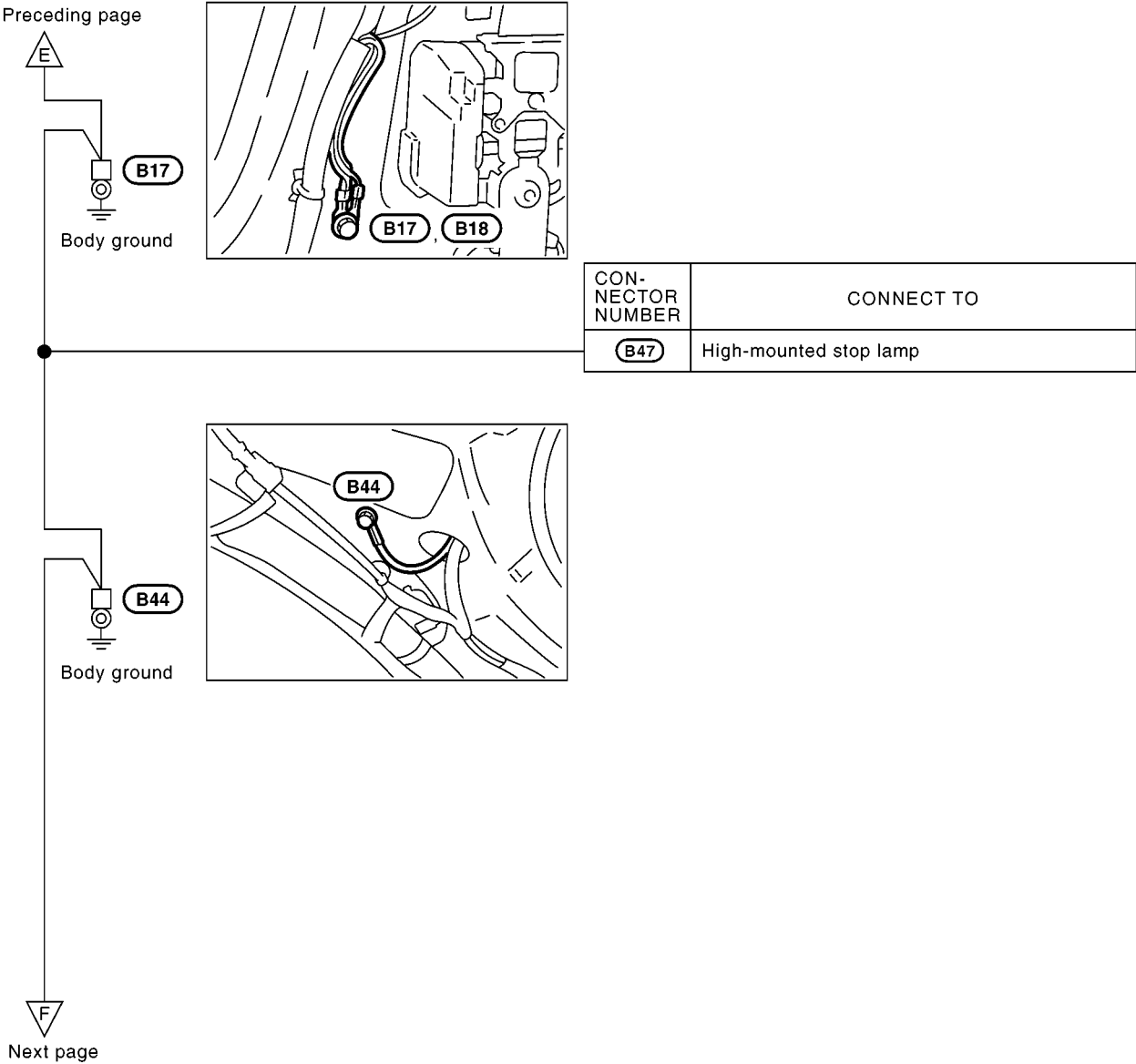


	CON- NECTOR NUMBER	CONNECT TO
•	(B5)	Seat belt buckle switch RH
•	(B6)	Heated seat RH (With heated seat)
•	(B10)	Seat belt buckle switch LH
•	(B11)	Heated seat LH (With heated seat)
•	(B28)	Fuel level sensor unit and fuel pump (With gasoline engine) • Fuel pump
•	(B36)	Rear combination lamp RH
•	(B37)	Rear combination lamp LH
•	(B38)	License plate lamp
•	(B56)	Heated seat switch RH (Terminal No. 4) (With heated seat)
•	(B56)	Heated seat switch RH (Terminal No. 6) (With heated seat)
•	(B57)	Heated seat switch LH (Terminal No. 4) (With heated seat)
•	(B57)	Heated seat switch LH (Terminal No. 6) (With heated seat)
•	(B58)	Door lock/unlock switch (Without ESP)



Next page

GROUND

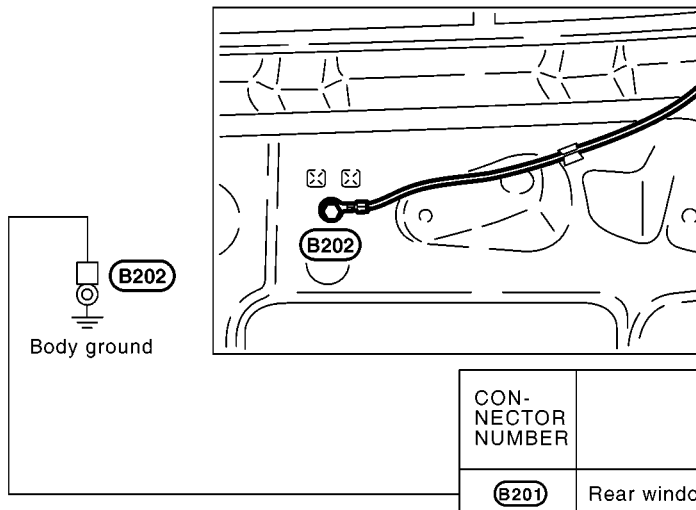
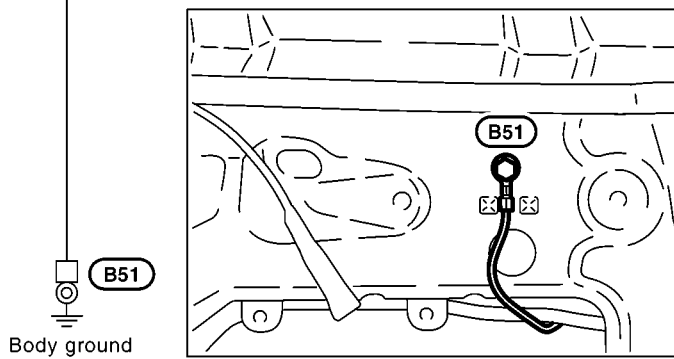


GROUND

Preceding page



CON- NECTOR NUMBER	CONNECT TO
B52	External back door release switch
B53	Rear wiper motor
B54	Door request switch (Back door) (With Intelligent Key system)
B55	Back door release actuator (Terminal No. 2) • Back door switch
B55	Back door release actuator (Terminal No. 4) • Release motor



CON- NECTOR NUMBER	CONNECT TO
B201	Rear window defogger

MKWA1323E

HARNESS

HARNESS

Harness Layout

HOW TO READ HARNESS LAYOUTS

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














- Main Harness
- Engine Room Harness (Engine Compartment)
- Body Harness
- Body No.2 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

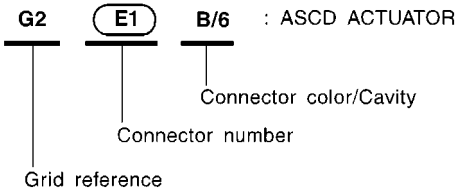
Main symbols of connector (in Harness Layout) are indicated in the below.

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.	—			

CKIT0108E

To ESM

Example:

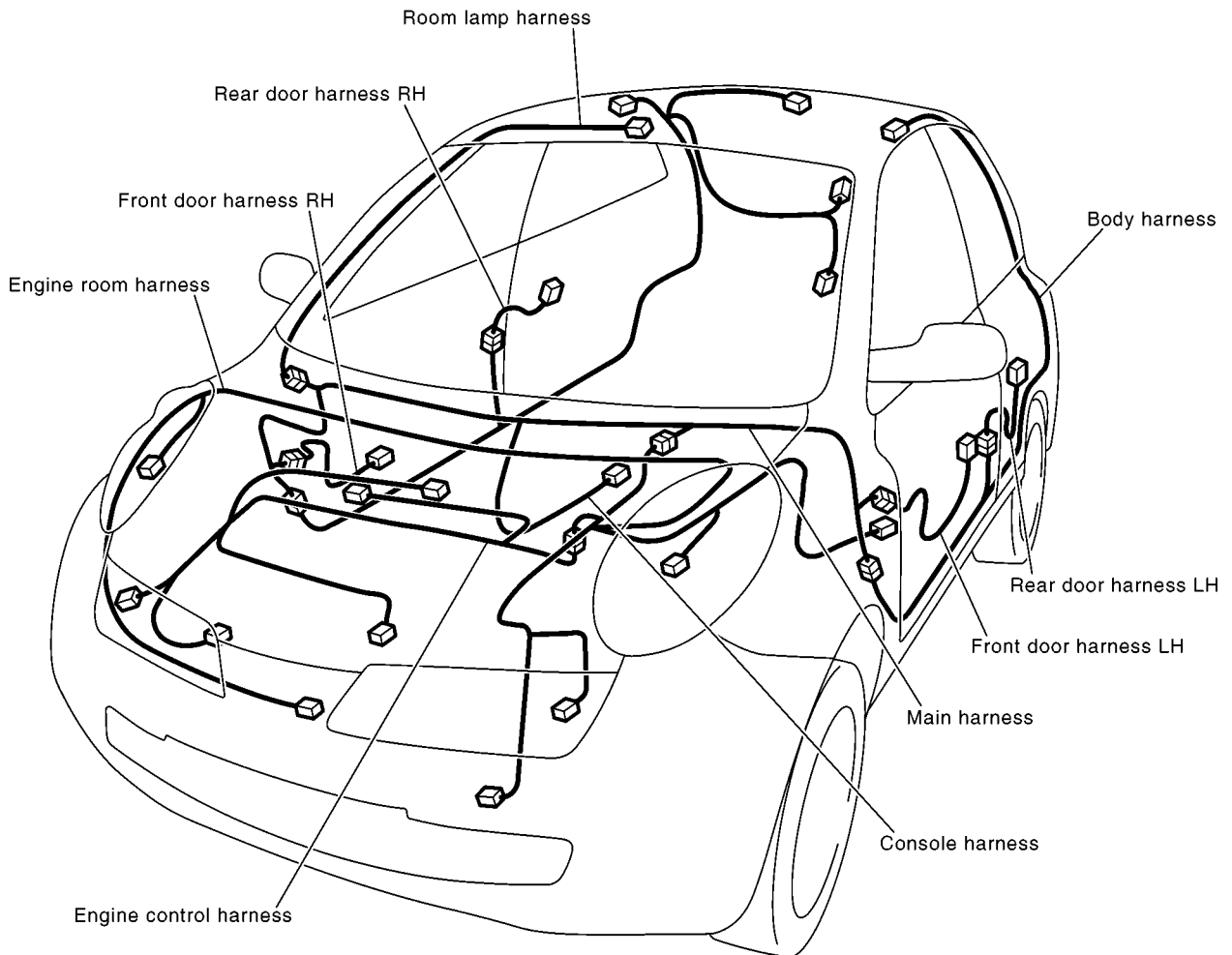


SEL252V

HARNESS

OUTLINE/CR ENGINE MODELS

To ESM

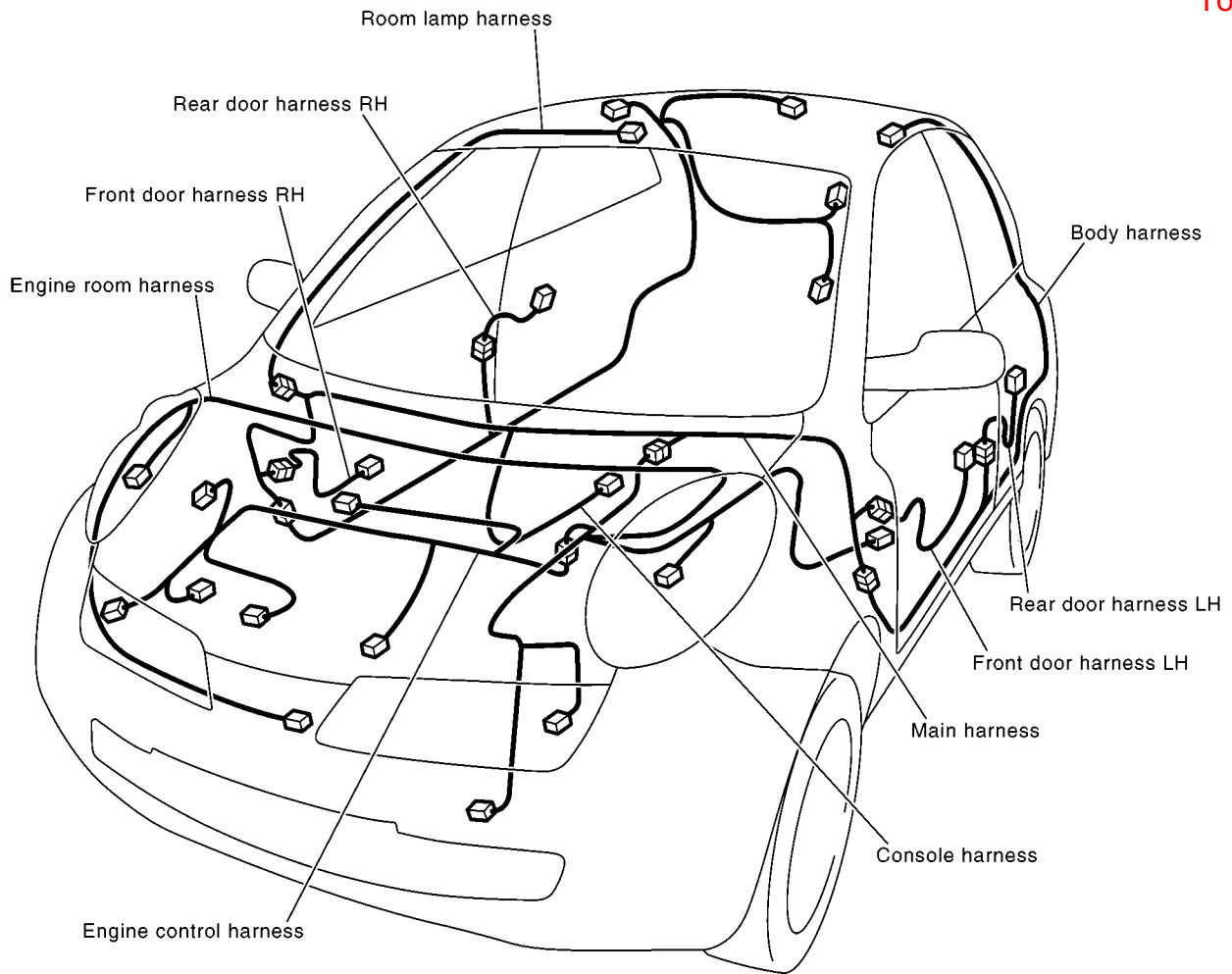


MKWA1354E

HARNESS

OUTLINE/K9K ENGINE MODELS

To ESM

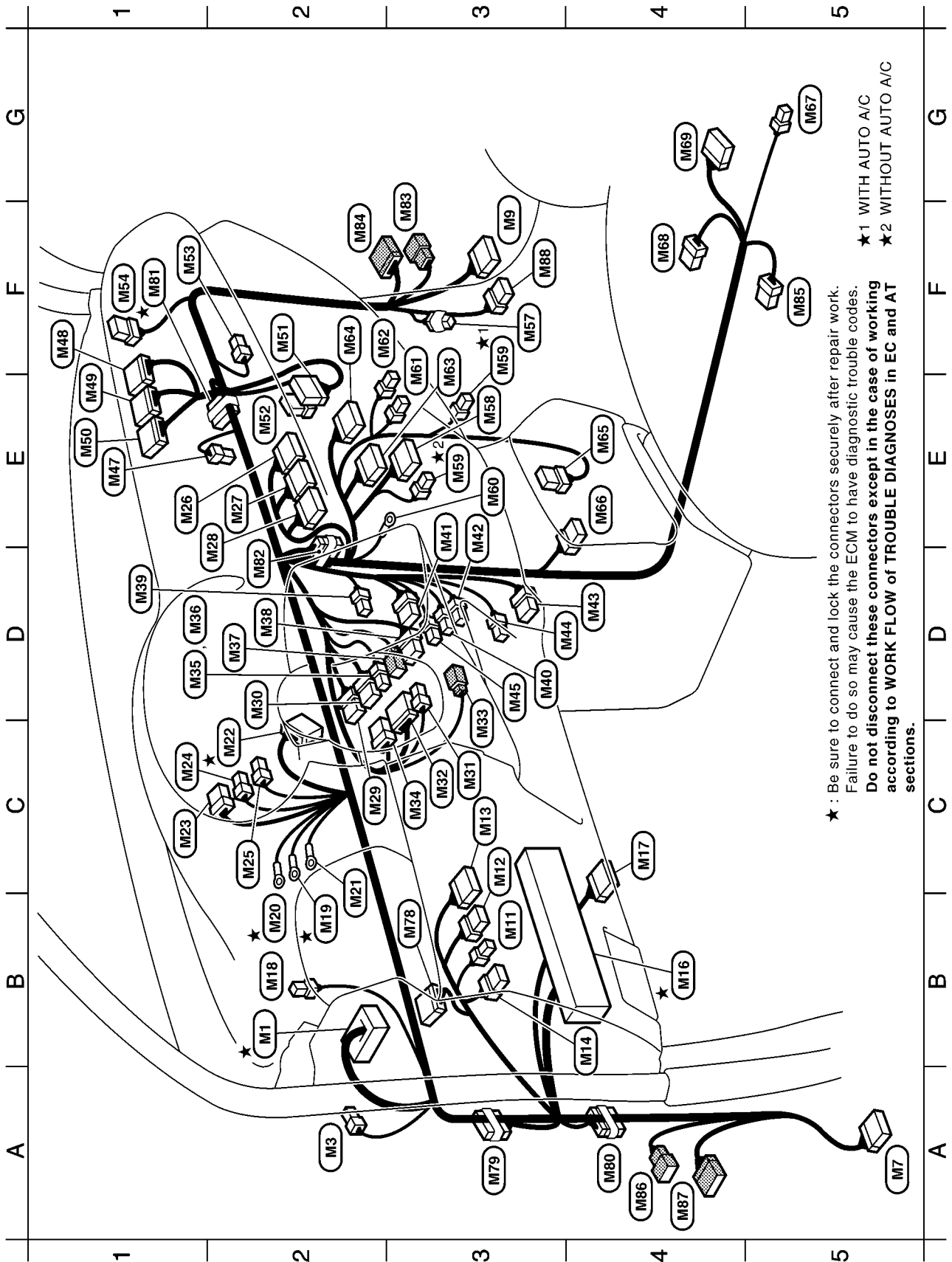


MKWA1490E

HARNESS

MAIN HARNESS/LHD MODELS

To ESM



MKWA3106E

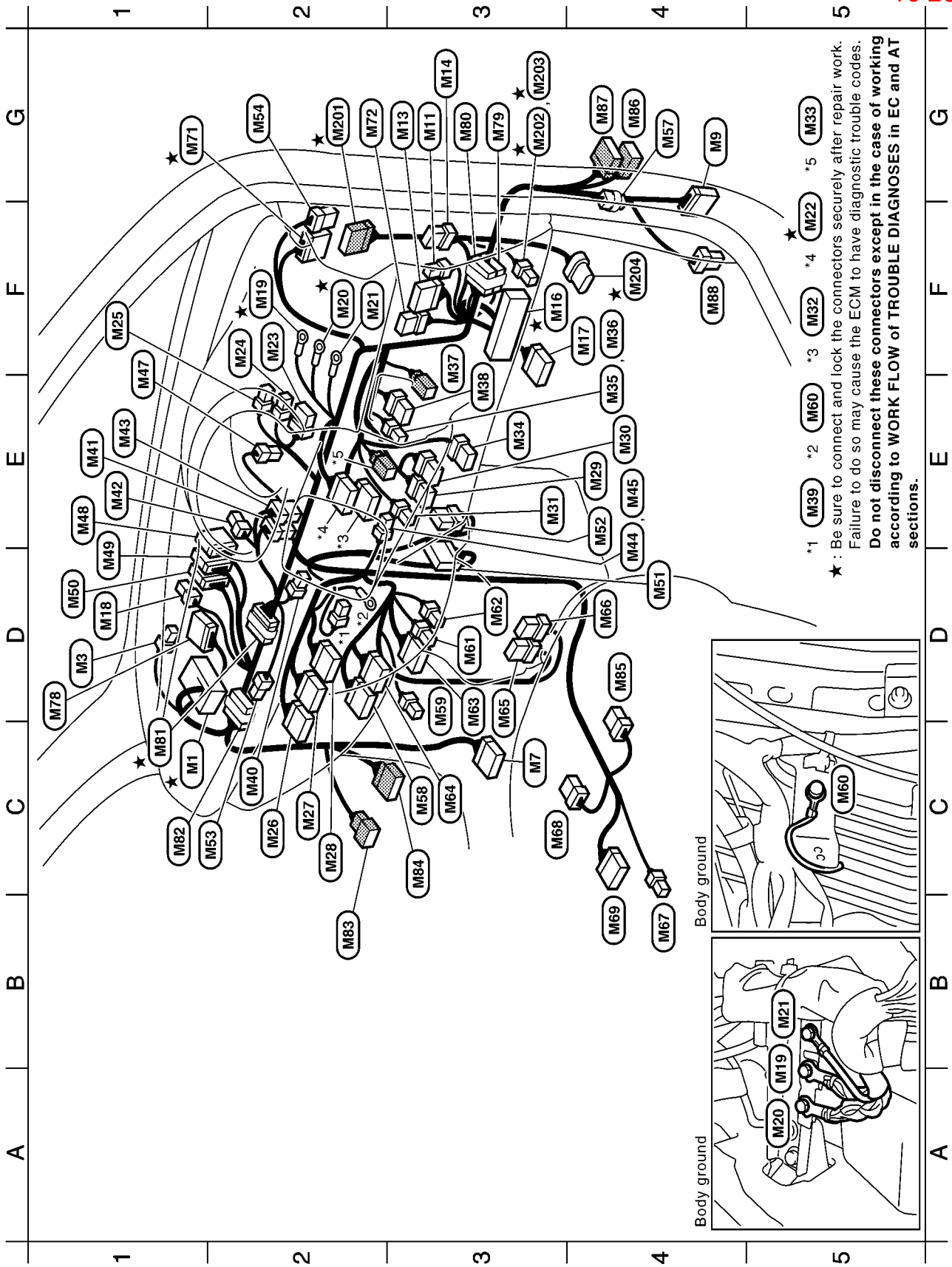
B2★	(M1)	SMJ	:	To (E101)	D2	(M37)	BR/2	:	Clutch interlock switch (With M/T and Intelligent Key system)	A4★	(M80)	W/20	:	Joint connector-2
A2	(M3)	B/2	:	To (E103)	D2	(M38)	W/6	:	Ignition switch	F1★	(M81)	L/20	:	Joint connector-3
A5	(M7)	W/12	:	To (B4)	D1	(M39)	W/2	:	In-vehicle sensor (With auto A/C)	D2	(M82)	L/20	:	Joint connector-4
F3	(M9)	W/24	:	To (B2)	D3	(M40)	-/4	:	Fan resistor (Without auto A/C)	F3	(M83)	GY/6	:	To (D41)
B3	(M11)	W/4	:	Headlamp aiming switch	E3	(M41)	G/6	:	Fan control amp. (With auto A/C)	F2	(M84)	W/12	:	To (D42)
C3	(M12)	GY/8	:	Headlamp washer switch (With headlamp washer)	E3	(M42)	G/2	:	Fan control amp. (With auto A/C)	F5	(M85)	W/6	:	Door lock/unlock switch
C3	(M13)	W/10	:	Door mirror remote control switch	D4	(M43)	B/6	:	Intake door motor (With auto A/C)	A4	(M86)	GY/6	:	To (D12)
B4	(M14)	GY/6	:	ESP off switch	D4	(M44)	W/3	:	Intake sensor (With auto A/C)	A4	(M87)	W/12	:	To (D13)
B4★	(M16)	-	:	Fuse block (J/B)	D3	(M45)	W/3	:	Thermal control amplifier (With manual A/C)	F3	(M88)	W/6	:	To (B60)
C4	(M17)	W/16	:	Data link connector										
B2	(M18)	W/2	:	Sunload sensor (With auto A/C)	E1	(M47)	-/2	:	Blower motor					
B2★	(M19)	-	:	Body ground	F1	(M48)	W/40	:	BCM (Body control module)					
B2★	(M20)	-	:	Body ground	E1	(M49)	W/24	:	BCM (Body control module)					
C2	(M21)	-	:	Body ground	E1	(M50)	B/15	:	BCM (Body control module)					
C2★	(M22)	W/40	:	Combination meter	F2	(M51)	W/40	:	Intelligent Key unit (With Intelligent Key system)					
C1	(M23)	W/6	:	EPS control unit	E2	(M52)	W/5	:	Door lock/unlock relay (With Intelligent Key system)					
C1	(M24)	W/1	:	EPS control unit				:						
C2	(M25)	B/1	:	EPS control unit				:						
E1	(M26)	-/20	:	Audio unit or NAVI control unit	F1	(M53)	Y/2	:	Front passenger air bag module					
E2	(M27)	-/16	:	Audio unit or NAVI control unit	F1	(M54)	W/8	:	To (R1)					
E2	(M28)	W/12	:	Drive computer	F3	(M57)	W/1	:	Towbar kit					
			:	(With drive computer)	E3	(M58)	W/15	:	Heater control panel (Without auto A/C)					
C2	(M29)	GY/8	:	Combination switch (Spiral cable)	E3	(M59)	B/2	:	Power socket					
			:	(Steering switch)	E3	(M60)	-	:	Body ground					
D2	(M30)	Y/6	:	Combination switch (Spiral cable)	E3	(M61)	W/4	:	Hazard switch					
			:	(Air bag)	F2	(M62)	W/2	:	Ashtray illumination					
C3	(M31)	W/4	:	Steering lock unit	F3	(M63)	B/18	:	A/C auto amp. (With auto A/C)					
C3	(M32)	W/16	:	(With Intelligent Key system)	F2	(M64)	W/18	:	A/C auto amp. (With auto A/C)					
C3	(M33)	W/2	:	Combination switch	E4	(M65)	B/6	:	Mode door motor (With auto A/C)					
			:	Key switch	E4	(M66)	B/6	:	Air mix door motor (With auto A/C)					
C3	(M34)	GY/6	:	(Without Intelligent Key system)	G5	(M67)	B/1	:	Parking brake switch (With Intelligent Key system)					
D1	(M35)	GY/4	:	NATS antenna amp.	F4	(M68)	W/6	:	A/T device (With A/T)					
D1	(M36)	-/4	:	(With Intelligent Key system)	G4	(M69)	Y/20	:	Air bag diagnosis sensor unit					
			:	NATS antenna amp.	B3	(M78)	W/12	:	Oil level warning unit (With diesel engine)					
			:	(Without Intelligent Key system)	A3	(M79)	W/20	:	Joint connector-1					

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Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC and AT sections.

HARNESS

MAIN HARNESS/RHD MODELS

To ESM



MKWA3108E

MKWA3109E

To ESM



G3	(E1)	-	: Fuse, fusible link and relay box	C3	(E40)	-	: Body ground
B1	(E2)	W/5	: Daytime light relay (With daytime light system)	D3	(E41)	B/3	: Headlamp RH (With daytime light system)
F3	(E3)	B/2	: Cooling fan motor (With A/C)	D3	(E42)	B/3	: Headlamp RH (Without daytime light system)
F3	(E4)	-/2	: Cooling fan motor (Without A/C)	D1, D2	(E43)	GY/2	: Brake fluid level switch
F3	(E5)	B/2	: Resistor (With A/C)	D2	(E44)	GY/6	: Front wiper motor
G3	(E6)	GY/2	: Dropping resistor (With A/T)	D3, E3	(E45)	B/26	: ABS actuator and electric unit (Control unit) (Without ESP)
G4	(E7)	B/2	: Front fog lamp LH (With front fog lamp)	D2, E2	(E46)	-	: Body ground (Without ESP)
G3	(E8)	GY/2	: Front turn signal lamp LH	E3, F3	(E47)	SMJ	: ABS actuator and electric unit (Control unit) (With ESP)
E3	(E9)	B/1	: After market alarm unit (Hood switch) (RHD models)	D2, E2	(E48)	-	: Body ground (With ESP)
E5	(E10)	B/2	: IPDM E/R (Intelligent power distribution module engine room)	F2	(E49)	SMJ	: ECM
E5	(E11)	B/6	: IPDM E/R (Intelligent power distribution module engine room)	F2	(E50)	SMJ	: To (F1)
F5	(E12)	W/6	: IPDM E/R (Intelligent power distribution module engine room)	B1	(E51)	W/3	: Horn relay
F5	(E13)	BR/12	: IPDM E/R (Intelligent power distribution module engine room)	G4	(E52)	B/2	: Outside air temperature sensor (With drive computer)
F5	(E14)	W/16	: IPDM E/R (Intelligent power distribution module engine room)	E1	(E101)	SMJ	: To (M1)
G5	(E15)	BR/8	: IPDM E/R (Intelligent power distribution module engine room)	E1	(E102)	Y/4	: To (M2) (Without ESP)
G5	(E16)	W/12	: IPDM E/R (Intelligent power distribution module engine room)	F1	(E103)	B/2	: To (M3)
G5	(E17)	W/8	: IPDM E/R (Intelligent power distribution module engine room)	E1	(E104)	W/2	: To (M4) (With headlamp washer and without ESP)
G2	(E18)	BR/2	: Fusible link holder	F1	(E105)	W/24	: TCM (With A/T)
F2	(E19)	GY/2	: Fusible link holder	F1	(E106)	GY/24	: TCM (With A/T)
F1	(E20)	B/3	: Headlamp aiming motor LH	E1	(E107)	B/6	: Accelerator pedal position sensor (LHD models)
G2	(E21)	B/3	: Headlamp LH	D1	(E108)	B/2	: Stop lamp switch (LHD models with M/T)
G1	(E22)	B/2	: Parking lamp LH	D1	(E109)	W/4	: Stop lamp switch (LHD models with A/T)
G2	(E23)	B/2	: Front wheel sensor LH	F1	(E112)	W/16	: To (B59) (With ESP)
F1	(E24)	W/2	: Side turn signal lamp LH	E1	(E113)	W/5	: Headlamp washer relay
G2	(E25)	-	: Body ground				(With headlamp washer and with ESP)
G2	(E26)	-	: Body ground				
E3	(E27)	Y/2	: Crash zone sensor				
E4	(E28)	B/3	: Refrigerant pressure sensor (With A/C)				
F4	(E29)	B/2	: Ambient sensor (With A/C)				
G4	(E30)	B/1	: Horn (-)				
F4	(E31)	B/1	: Horn (+)				
D4	(E32)	GY/2	: Front turn signal lamp RH				
E5	(E33)	-/2	: Headlamp washer motor (With headlamp washer)				
E4	(E34)	B/2	: Front fog lamp RH (With front fog lamp)				
B2	(E35)	-/2	: Side turn signal lamp RH				
D5	(E36)	B/2	: Washer motor				
D2	(E37)	B/2	: Parking lamp RH				
C3	(E38)	B/2	: Front wheel sensor RH				
D3	(E39)	B/3	: Headlamp aiming motor RH				

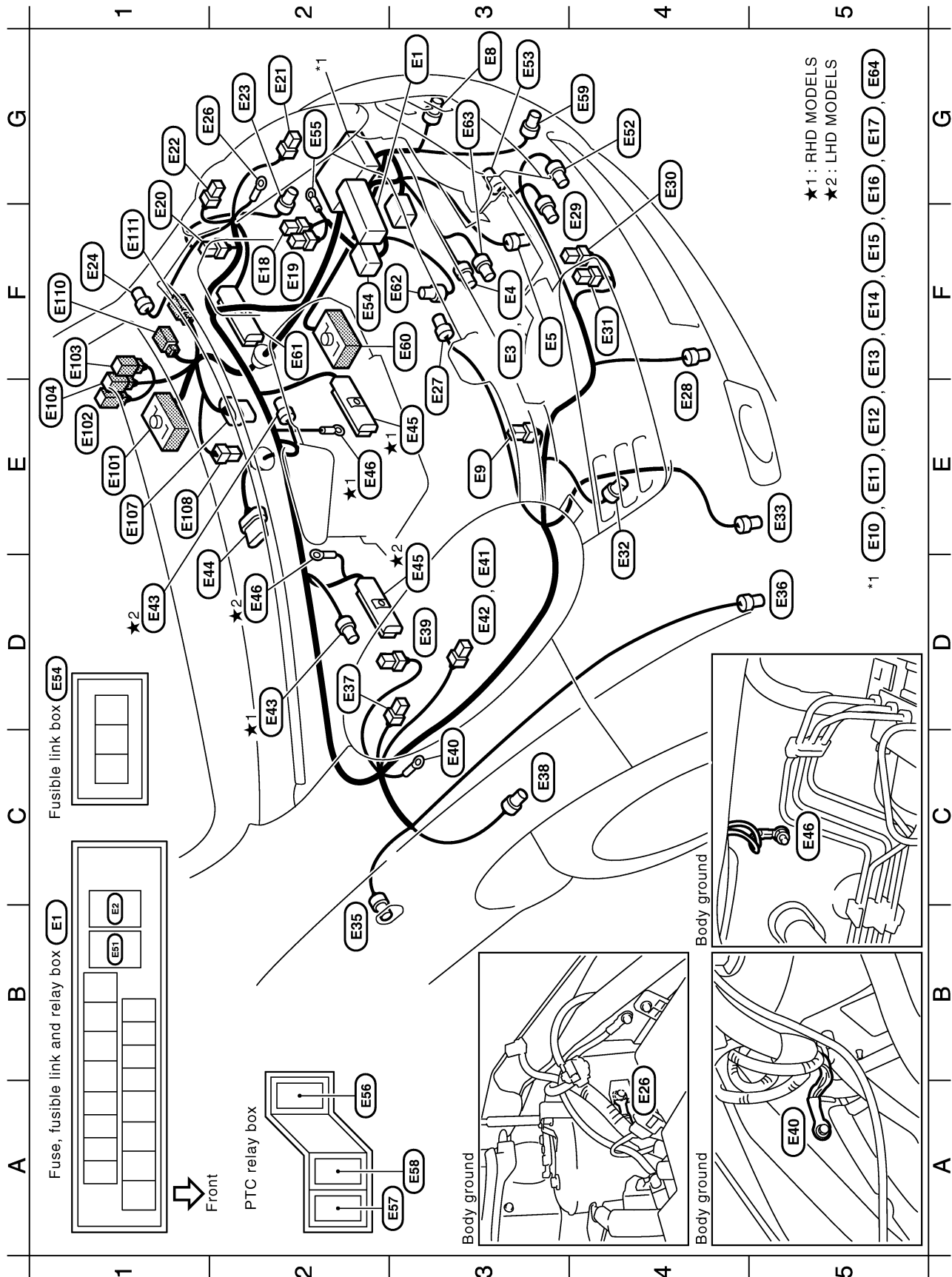
★ : Be sure to connect and lock the connectors securely after repair work.
 Failure to do so may cause the ECM to have diagnostic trouble codes.
Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC and AT sections.

MKWA1857E

HARNESS

ENGINE ROOM HARNESS/K9K ENGINE MODELS

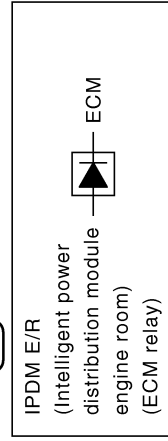
To ESM



MKWA1858E

G3	(E1)	–	: Fuse, fusible link and relay box	C3	(E40)	–	: Body ground
B1	(E2)	W/5	: Daytime light relay (With daytime light system)	D3	(E41)	B/3	: Headlamp RH (With daytime light system)
F3	(E3)	B/2	: Cooling fan motor-1 (With A/C and with PTC heater)	D3	(E42)	B/3	: Headlamp RH (Without daytime light system)
F3	(E4)	–/2	: Cooling fan motor-2 (Without A/C)	C2, D1	(E43)	GY/2	: Brake fluid level switch
F3	(E5)	B/2	: Resistor (With A/C and with PTC heater)	D2	(E44)	GY/6	: Front wiper motor
G3	(E8)	GY/2	: Front turn signal lamp LH	D3, E3	(E45)	B/26	: ABS actuator and electric unit (Control unit)
E3	(E9)	B/1	: After market alarm unit (Hood switch) (RHD models)	D2, E2	(E46)	–	: Body ground
E5	(E10)	B/2	: IPDM E/R (Intelligent power distribution module engine room)	B1	(E51)	W/3	: Horn relay
E5	(E11)	B/6	: IPDM E/R (Intelligent power distribution module engine room)	G4	(E52)	B/2	: Outside air temperature sensor
F5	(E12)	W/6	: IPDM E/R (Intelligent power distribution module engine room)	G3	(E53)	B/2	: Outside air temperature sensor (With PTC heater)
F5	(E13)	BR/12	: IPDM E/R (Intelligent power distribution module engine room)	F2	(E54)	–	: Fusible link box
F5	(E14)	W/16	: IPDM E/R (Intelligent power distribution module engine room)	G2	(E55)	–	: Fusible link holder
G5	(E15)	BR/8	: IPDM E/R (Intelligent power distribution module engine room)	A2	(E56)	–/4	: PTC heater relay 1 (With PTC heater)
G5	(E16)	W/12	: IPDM E/R (Intelligent power distribution module engine room)	A3	(E57)	–/4	: PTC heater relay 2 (With PTC heater)
G5	(E17)	W/8	: IPDM E/R (Intelligent power distribution module engine room)	A3	(E58)	–/4	: PTC heater relay 3 (With PTC heater)
F2	(E18)	BR/2	: Fusible link holder	G4	(E59)	GY/1	: After market front fog lamp (Option connector)
F2	(E19)	GY/2	: Fusible link holder	F2	(E60)	SMJ	: To (F101)
F1	(E20)	B/3	: Headlamp aiming motor LH	F2	(E61)	SMJ	: ECM
G2	(E21)	B/3	: Headlamp LH	F3	(E62)	GY/1	: To (F103)
G1	(E22)	B/2	: Parking lamp LH	G3	(E63)	–/2	: Cooling fan motor-2 (With PTC heater)
G2	(E23)	B/2	: Front wheel sensor LH	G5	(E64)	W/2	: Diode
F1	(E24)	W/2	: Side turn signal lamp LH	E1	(E101)	SMJ	: To (M1)
G1	(E26)	–	: Body ground	E1	(E102)	Y/4	: To (M2)
E3	(E27)	Y/2	: Crash zone sensor	F1	(E103)	B/2	: To (M3)
E4	(E28)	B/3	: Refrigerant pressure sensor (With A/C)	E1	(E104)	W/2	: To (M4) (With headlamp washer)
F4	(E29)	B/2	: Ambient sensor (With auto A/C)	E1	(E107)	B/6	: Accelerator pedal position sensor (LHD models)
G4	(E30)	B/1	: Horn (–)	E1	(E108)	B/2	: Stop lamp switch (LHD models)
F4	(E31)	B/1	: Horn (+)	F1	(E110)	B/1	: PTC heater
D4	(E32)	GY/2	: Front turn signal lamp RH	F1	(E111)	B/2	: PTC heater
E5	(E33)	–/2	: Headlamp washer motor (With headlamp washer)				
B2	(E35)	W/2	: Side turn signal lamp RH				
D5	(E36)	B/2	: Washer motor				
D2	(E37)	B/2	: Parking lamp RH				
C3	(E38)	B/2	: Front wheel sensor RH				
D3	(E39)	B/3	: Headlamp aiming motor RH				

Diode (E64)



HARNESS

ENGINE CONTROL HARNESS/CR ENGINE MODELS

To ESM



MKWA1476E

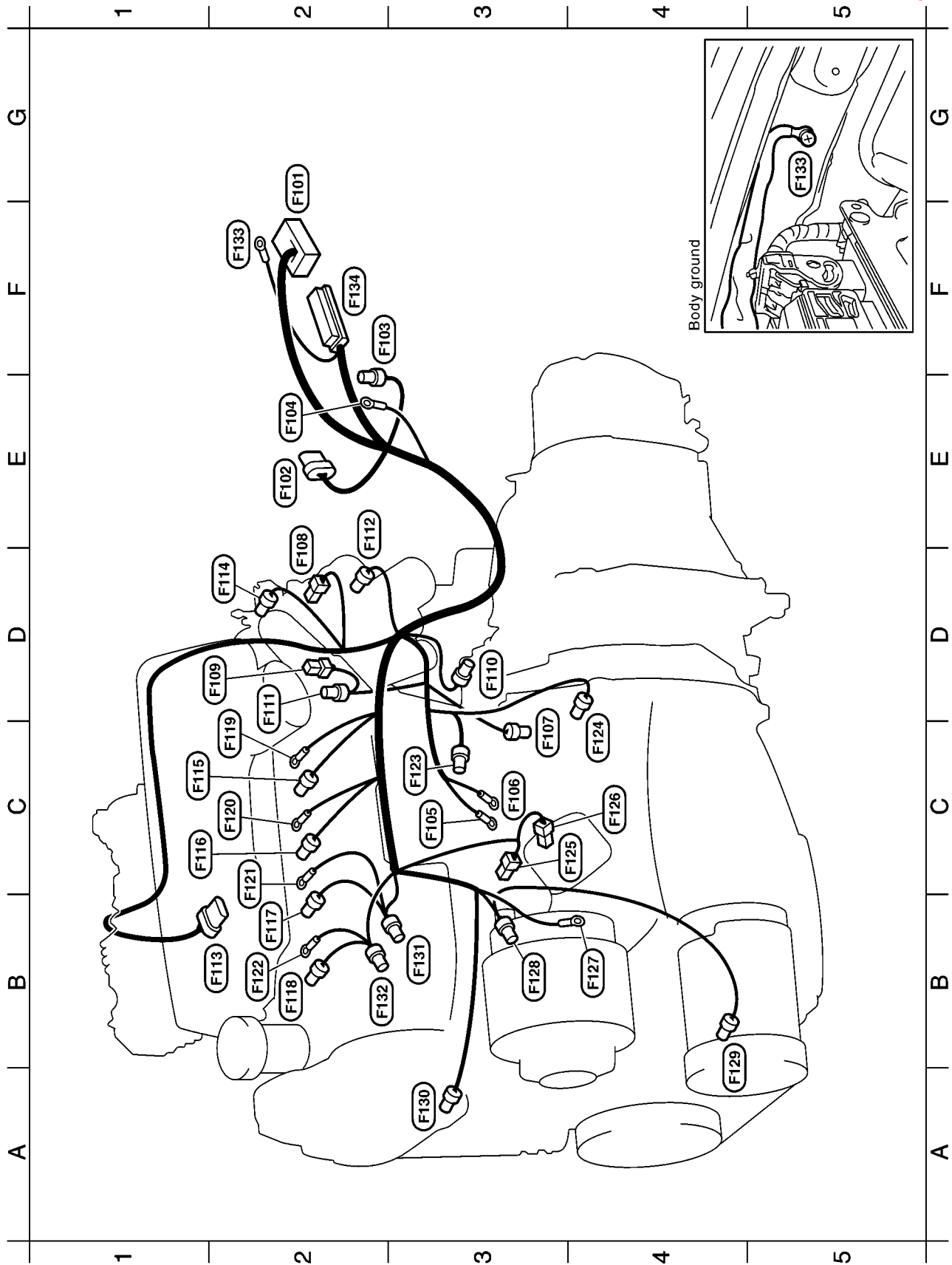
★ E2	(F1)	SMJ	:	To (E50)
★ F2	(F2)	SMJ	:	ECM
F2	(F3)	—	:	Fusible link holder
F2	(F4)	—	:	Fusible link holder
D2	(F6)	—	:	Starter motor (Except for cold area)
D2	(F7)	—	:	Starter motor (For cold area)
E2	(F8)	—	:	Starter motor (Except for cold area)
E3	(F9)	B/1	:	Starter motor (For cold area)
★ F3	(F10)	G/3	:	Park/neutral position switch (With M/T)
★ F2	(F11)	BR/3	:	Revolution sensor (With A/T)
F4	(F12)	B/10	:	Park/neutral position switch (With A/T)
★ G4	(F13)	B/8	:	Terminal cord assembly (With A/T)
★ E2	(F14)	B/3	:	Camshaft position sensor
E2	(F15)	—	:	Engine ground
★ D2	(F16)	GY/4	:	Manifold absolute pressure sensor
★ E2	(F17)	L/2	:	EVAP canister purge volume control solenoid valve
★ C3	(F18)	GY/2	:	Injector No. 1
★ D3	(F19)	GY/2	:	Injector No. 2
★ D2	(F20)	GY/2	:	Injector No. 3
★ E2	(F21)	GY/2	:	Injector No. 4
★ D3	(F22)	G/2	:	Intake valve timing control solenoid valve
★ E2	(F23)	GY/2	:	Engine coolant temperature sensor
★ E4	(F24)	G/4	:	Heated oxygen sensor 2
D3	(F25)	B/1	:	Oil pressure switch
C3	(F26)	W/2	:	Condenser
★ D3	(F27)	B/2	:	Knock sensor
D5	(F28)	B/1	:	Compressor (With A/C)
E4	(F29)	GY/2	:	Alternator
E4	(F30)	—	:	Alternator
E4	(F31)	—	:	Alternator (E)
D4	(F32)	—	:	Body ground
D4	(F33)	GY/3	:	Ignition coil No. 1
E3	(F34)	GY/3	:	Ignition coil No. 2
E3	(F35)	GY/3	:	Ignition coil No. 3
E3	(F36)	GY/3	:	Ignition coil No. 4
★ E3	(F37)	G/4	:	Heated oxygen sensor 1
★ E2	(F38)	G/3	:	Crankshaft position sensor
★ C2	(F39)	B/6	:	Electric throttle control actuator

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HARNESS

ENGINE CONTROL HARNESS/K9K ENGINE MODELS

To ESM



MKWA3116E

HARNESS

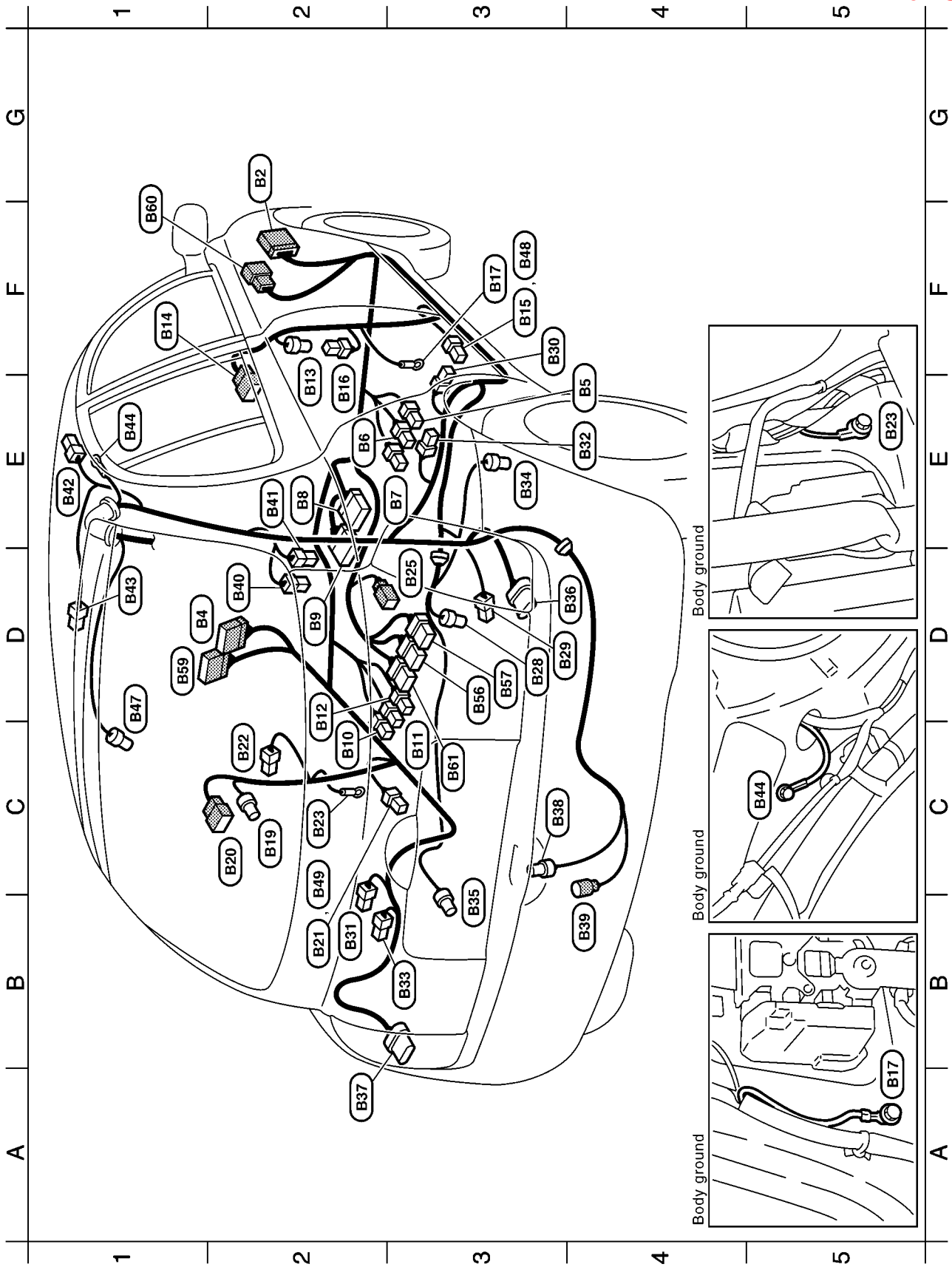
G2	(F101)	SMJ	:	To (E60)
E2	(F102)	B/8	:	Glow relay
F2	(F103)	GY/1	:	To (E62)
E2	(F104)	—	:	Fusible link holder
C3	(F105)	—	:	Starter motor
C3	(F106)	—	:	Starter motor
C3	(F107)	G/3	:	Park/neutral position switch
D2	(F108)	—/2	:	Charge air temperature sensor (Without intercooler)
D2	(F109)	—/2	:	Intake air temperature sensor
D3	(F110)	B/2	:	Crankshaft position sensor (POS)
D2	(F111)	—/4	:	Engine coolant temperature sensor
E2	(F112)	—/4	:	Charge air pressure sensor (With intercooler)
B2	(F113)	—/6	:	EGR volume control solenoid valve
D2	(F114)	—/3	:	Charge air pressure sensor (Without intercooler)
C2	(F115)	—/2	:	Fuel injector No. 1
C2	(F116)	—/2	:	Fuel injector No. 2
B2	(F117)	—/2	:	Fuel injector No. 3
B2	(F118)	—/2	:	Fuel injector No. 4
C2	(F119)	B/1	:	Glow plug No. 1
C2	(F120)	B/1	:	Glow plug No. 2
C2	(F121)	B/1	:	Glow plug No. 3
B2	(F122)	B/1	:	Glow plug No. 4
C3	(F123)	B/3	:	Common rail fuel pressure sensor
C4	(F124)	W/1	:	Oil pressure switch
C3	(F125)	B/2	:	Knock sensor (Accelometer)
C4	(F126)	B/2	:	Oil level sensor
B4	(F127)	—	:	Alternator (B)
B3	(F128)	B/2	:	Alternator (S), (L)
B4	(F129)	GY/2	:	Compressor (With A/C)
A3	(F130)	B/3	:	Camshaft sensor
B3	(F131)	BR/2	:	Fuel flow actuator
B2	(F132)	G/2	:	Fuel temperature sensor
F2	(F133)	—	:	Body ground
F2	(F134)	—/80	:	ECM

MKWA3117E

HARNESS

BODY HARNESS

To ESM



MKWA3118E

HARNESS

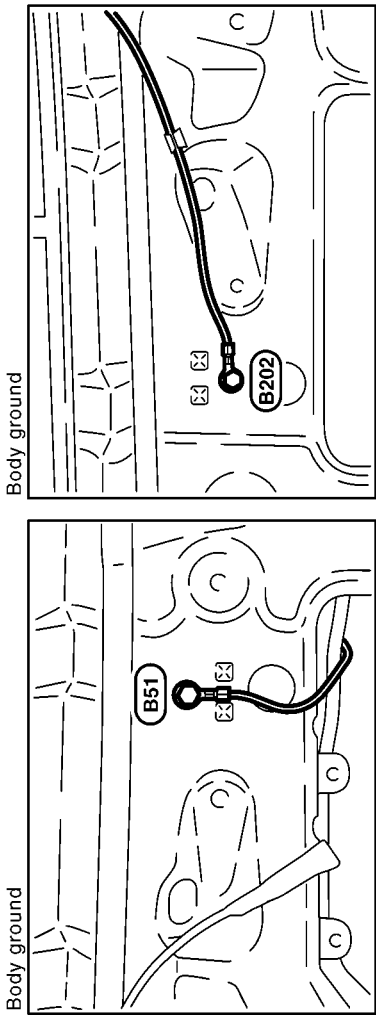
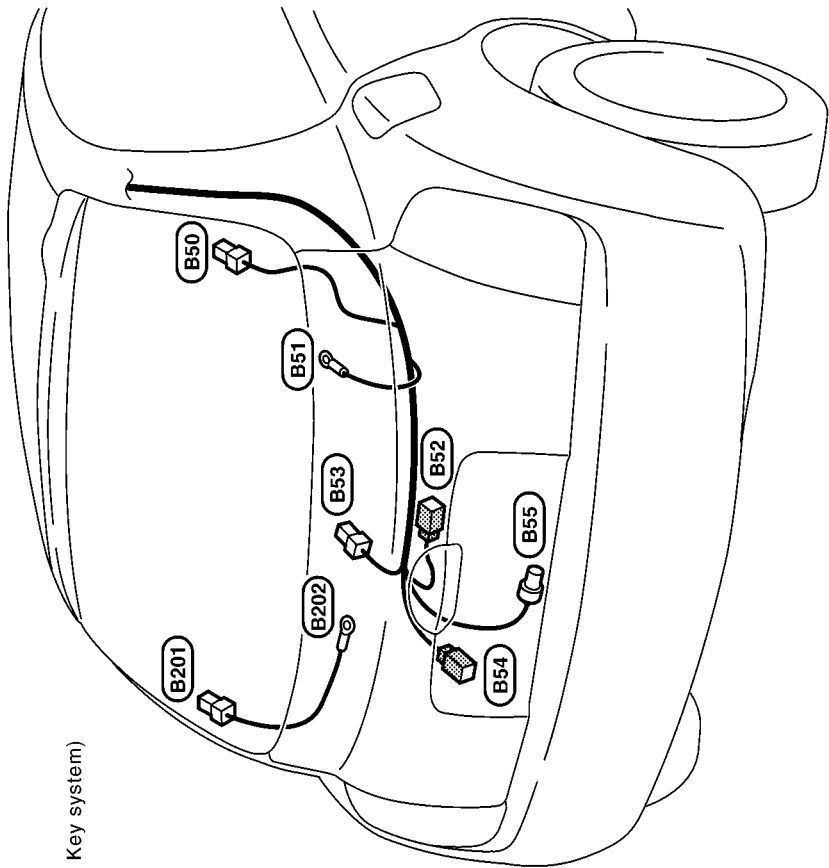
G2	B2	W/24	:	To	M9	C1	B47	B/2	:	High-mounted stop lamp
D4	B4	W/12	:	To	M7	F3	B48	Y/2	:	Front RH seat belt pre-tensioner (With 3 doors)
E4	B5	W/2	:	Seat belt buckle switch RH		C2	B49	Y/2	:	Front LH seat belt pre-tensioner (With 3 doors)
E2	B6	W/3	:	Heated seat RH (With heated seat)		D3	B56	BR/6	:	Heated seat switch RH (With heated seat)
E3	B7	-/2	:	Front RH side air bag module		D3	B57	W/6	:	Heated seat switch LH (With heated seat)
E2	B8	Y/12	:	Air bag diagnosis sensor unit		D1	B59	W/16	:	To E112
D2	B9	Y/12	:	Air bag diagnosis sensor unit		F1	B60	W/6	:	To M88
C2	B10	W/2	:	Seat belt buckle switch LH		C3	B61	B/6	:	Yaw rate/side G sensor (With ESP)
C3	B11	W/3	:	Heated seat LH (With heated seat)						
D2	B12	-/2	:	Front LH side air bag module						
F2	B13	Y/2	:	RH side air bag (satellite) sensor						
F1	B14	W/6	:	To D81 (With 5 doors)						
F3	B15	-/2	:	Front RH seat belt pre-tensioner (With 5 doors)						
E2	B16	W/3	:	Front door switch RH						
F3	B17	-	:	Body ground						
C2	B19	Y/2	:	LH side air bag (satellite) sensor						
C2	B20	W/6	:	To D61 (With 5 doors)						
B2	B21	-/2	:	Front LH seat belt pre-tensioner (With 5 doors)						
C2	B22	W/3	:	Front door switch LH						
C2	B23	-	:	Body ground						
D3	B25	GY/2	:	Inside key antenna (Center console) (With Intelligent Key system)						
D3	B28	GY/4	:	Fuel level sensor unit and fuel pump						
D3	B29	BR/2	:	Inside key antenna (Luggage room) (With Intelligent Key system)						
F3	B30	W/1	:	Rear door switch RH (With 5 doors)						
B2	B31	W/1	:	Rear door switch LH (With 5 doors)						
E4	B32	BR/2	:	Rear speaker RH (3 doors with 6 speakers)						
B3	B33	BR/2	:	Rear speaker LH (3 doors with 6 speakers)						
E3	B34	B/2	:	Rear wheel sensor RH						
B3	B35	B/2	:	Rear wheel sensor LH						
D3	B36	B/6	:	Rear combination lamp RH						
A2	B37	B/6	:	Rear combination lamp LH						
C3	B38	B/2	:	License plate lamp						
B4	B39	GY/2	:	Outside antenna (Back door) (With Intelligent Key system)						
D2	B40	B/1	:	Luggage room lamp (+)						
E2	B41	B/1	:	Luggage room lamp						
E1	B42	-/2	:	RH side curtain air bag module (With curtain air bag)						
D1	B43	-/2	:	LH side curtain air bag module (With curtain air bag)						
E1	B44	-	:	Body ground						

MKWA3119E

- (B50) B/1 : Rear window defogger (+)
- (B51) - : Body ground
- (B52) W/2 : External back door release switch
- (B53) W/3 : Rear wiper motor
- (B54) GY/2 : Door request switch (Back door) (With Intelligent Key system)
- (B55) W/4 : Back door release actuator

Sub-harness

- (B201) B/1 : Rear window defogger (-)
- (B202) - : Body ground

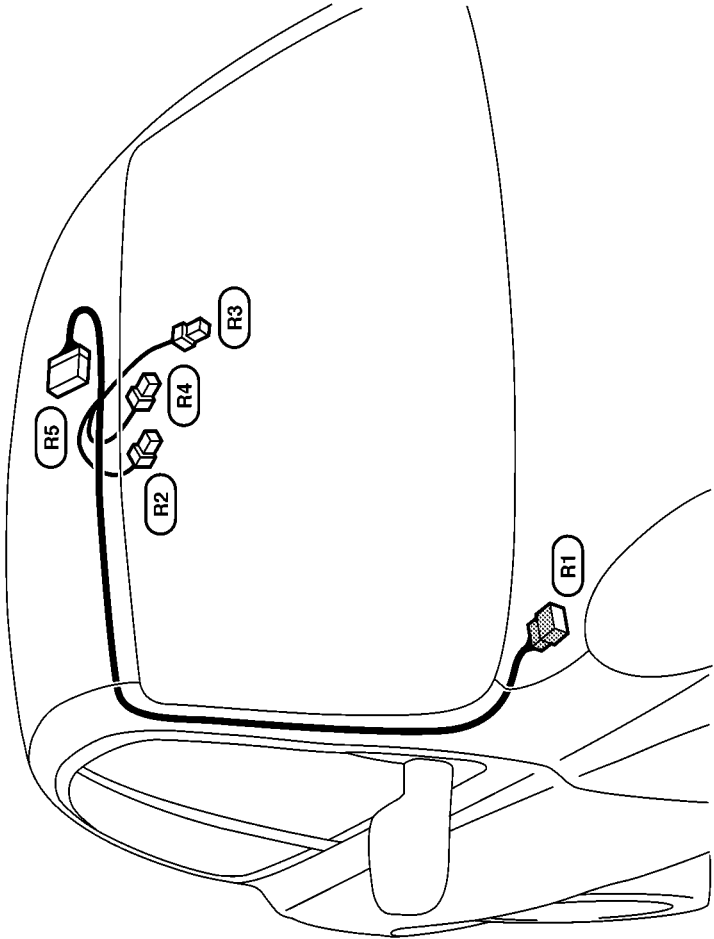


HARNESS

ROOM LAMP HARNESS

To ESM

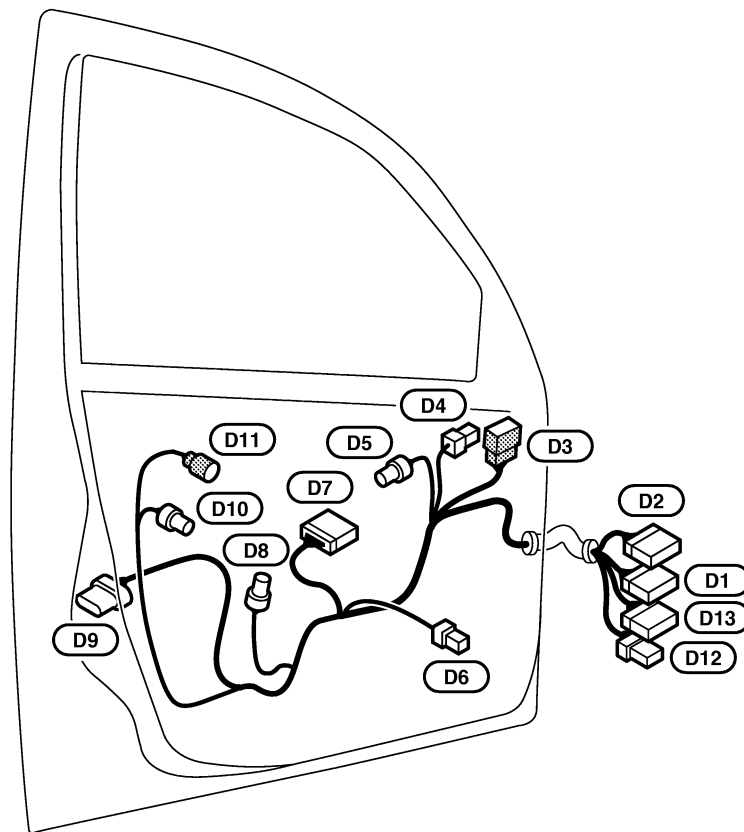
- R1 W/8 : To M54
- R2 W/6 : Interior room lamp
- R3 B/3 : Rain sensor (With rain sensor)
- R4 W/3 : Sunroof switch (With sunroof)
- R5 GY/10 : Sunroof motor assembly (With sunroof)



HARNESS

FRONT DOOR HARNESS LH SIDE/LHD MODELS

To ESM

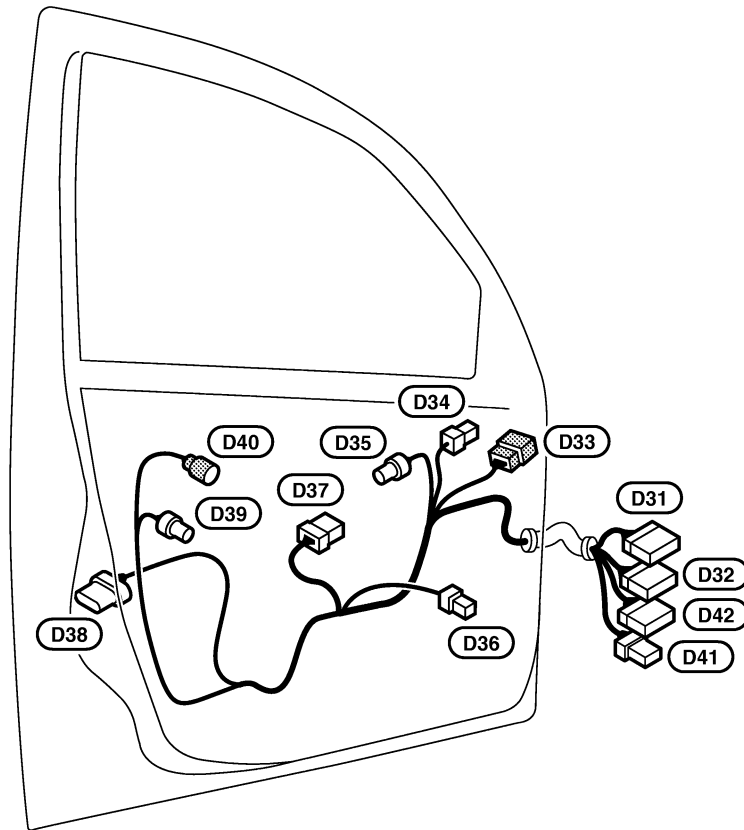


- (D1) W/10 : To (M6) (Without ESP)
- (D2) W/12 : To (M5) (Without ESP)
- (D3) GY/6 : Door mirror actuator (Driver side)
- (D4) BR/2 : Tweeter LH (With 6 speakers)
- (D5) GY/2 : Front power window motor (Driver side)
- (D6) W/2 : Front door speaker LH
- (D7) W/16 : Power window main switch
- (D8) BR/2 : Intelligent Key warning buzzer (With Intelligent Key system)
- (D9) B/6 : Door lock actuator (Driver side)
- (D10) GY/2 : Door request switch (Driver side) (With Intelligent Key system)
- (D11) W/2 : Outside antenna (Driver side) (With Intelligent Key system)
- (D12) GY/6 : To (M86) (With ESP)
- (D13) W/12 : To (M87) (With ESP)

HARNESS

FRONT DOOR HARNESS LH SIDE/RHD MODELS

To ESM

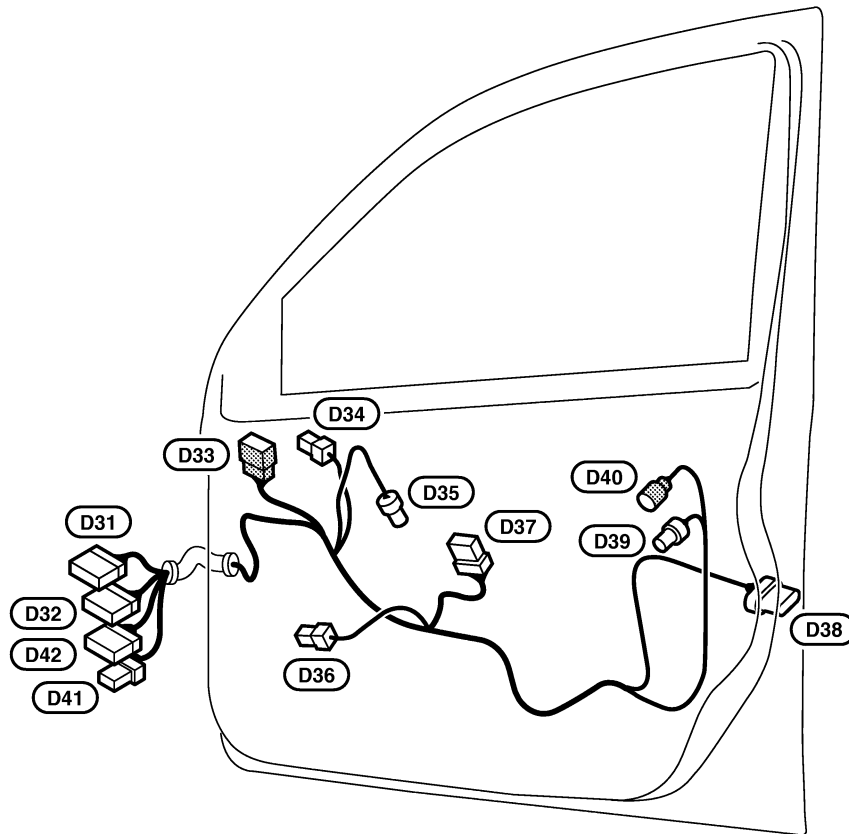


- D31** W/10 : To **M56** (Without ESP)
- D32** W/12 : To **M55** (Without ESP)
- D33** GY/6 : Door mirror actuator (Passenger side)
- D34** BR/2 : Tweeter LH (With 6 speakers)
- D35** GY/2 : Front power window motor (Passenger side)
- D36** W/2 : Front door speaker LH
- D37** W/8 : Front power window switch (Passenger side)
- D38** B/6 : Door lock actuator (Passenger side)
- D39** GY/2 : Door request switch (Passenger side) (With Intelligent Key system)
- D40** W/2 : Outside antenna (Passenger side) (With Intelligent Key system)
- D41** GY/6 : To **M83** (With ESP)
- D42** W/12 : To **M84** (With ESP)

HARNESS

FRONT DOOR HARNESS RH SIDE/LHD MODELS

To ESM

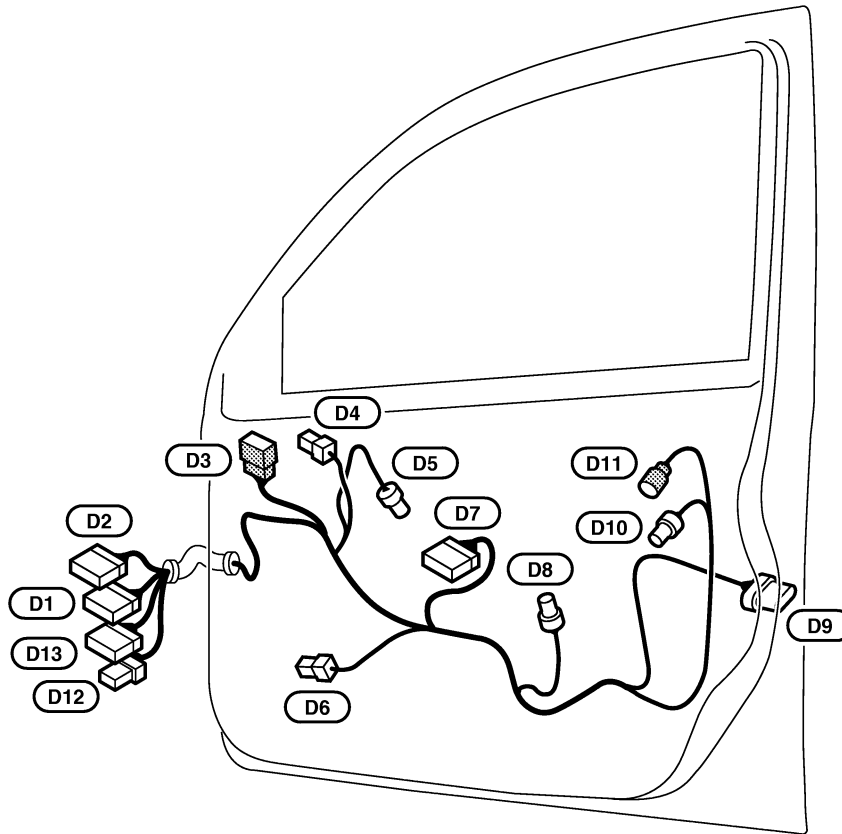


- (D31) W/10 : To (M56) (Without ESP)
- (D32) W/12 : To (M55) (Without ESP)
- (D33) GY/6 : Door mirror actuator (Passenger side)
- (D34) BR/2 : Tweeter RH (With 6 speakers)
- (D35) GY/2 : Front power window motor (Passenger side)
- (D36) W/2 : Front door speaker RH
- (D37) W/8 : Front power window switch (Passenger side)
- (D38) B/6 : Door lock actuator (Passenger side)
- (D39) GY/2 : Door request switch (Passenger side) (With Intelligent Key system)
- (D40) W/2 : Outside antenna (Passenger side) (With Intelligent Key system)
- (D41) GY/6 : To (M83) (With ESP)
- (D42) W/12 : To (M84) (With ESP)

HARNESS

FRONT DOOR HARNESS RH SIDE/RHD MODELS

To ESM



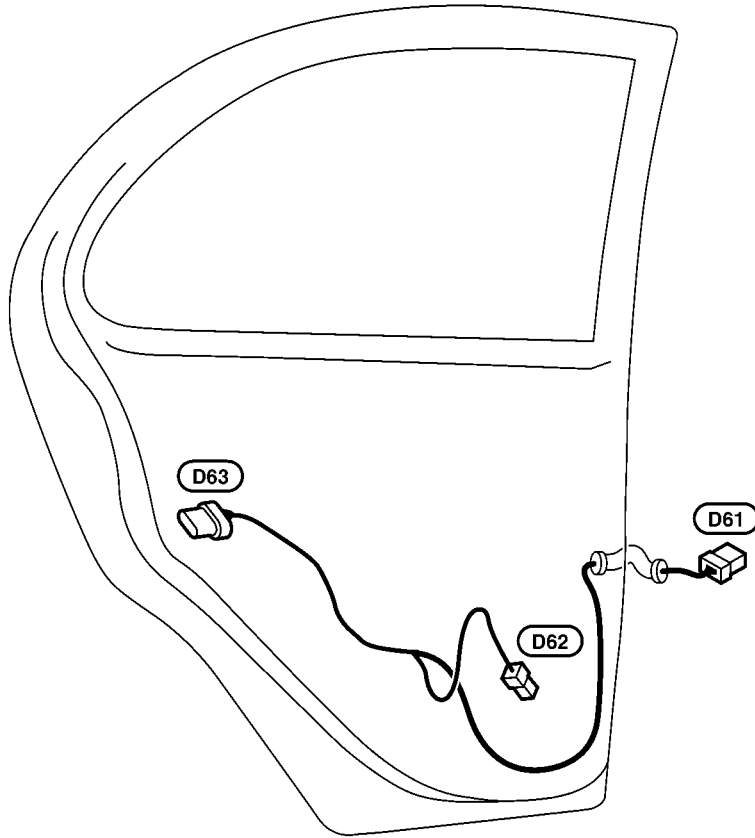
- (D1) W/10 : To (M6) (Without ESP)
- (D2) W/12 : To (M5) (Without ESP)
- (D3) GY/6 : Door mirror actuator (Driver side)
- (D4) BR/2 : Tweeter RH (With 6 speakers)
- (D5) GY/2 : Front power window motor (Driver side)
- (D6) W/2 : Front door speaker RH
- (D7) W/16 : Power window main switch
- (D8) BR/2 : Intelligent Key warning buzzer (With Intelligent Key system)
- (D9) B/6 : Door lock actuator (Driver side)
- (D10) GY/2 : Door request switch (Driver side) (With Intelligent Key system)
- (D11) W/2 : Outside antenna (Driver side) (With Intelligent Key system)
- (D12) GY/6 : To (M86) (With ESP)
- (D13) W/12 : To (M87) (With ESP)

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HARNESS

REAR DOOR HARNESS LH

To ESM

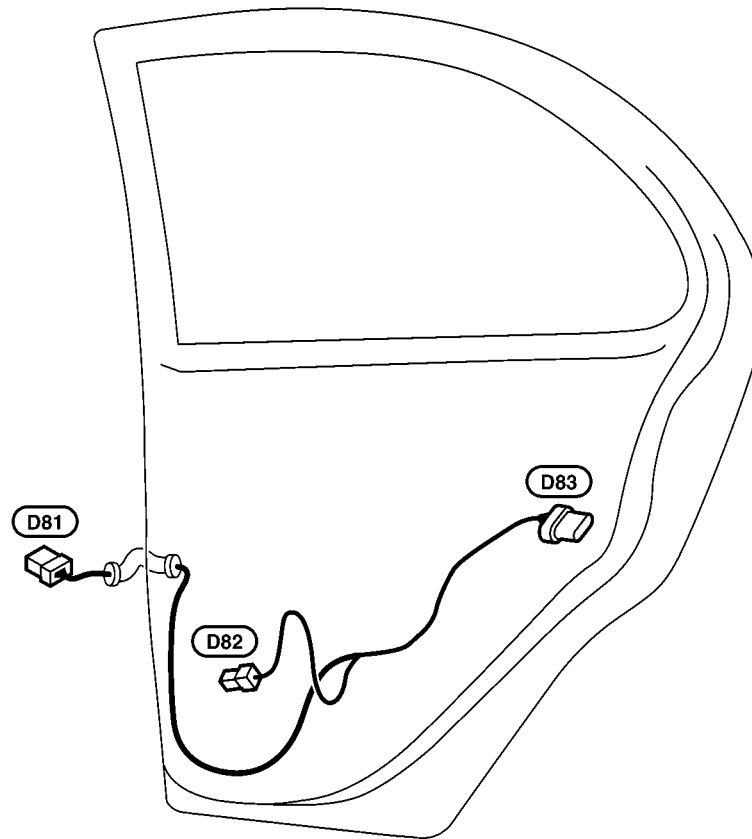


- D61** W/6 : To **B20**
- D62** W/2 : Rear door speaker LH (With 6 speakers)
- D63** B/6 : Rear door lock actuator LH

HARNESS

REAR DOOR HARNESS RH

To ESM



- D81** W/6 : To **B14**
- D82** W/2 : Rear door speaker RH (With 6 speakers)
- D83** B/6 : Rear door lock actuator RH

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