

POWER SUPPLY ROUTING

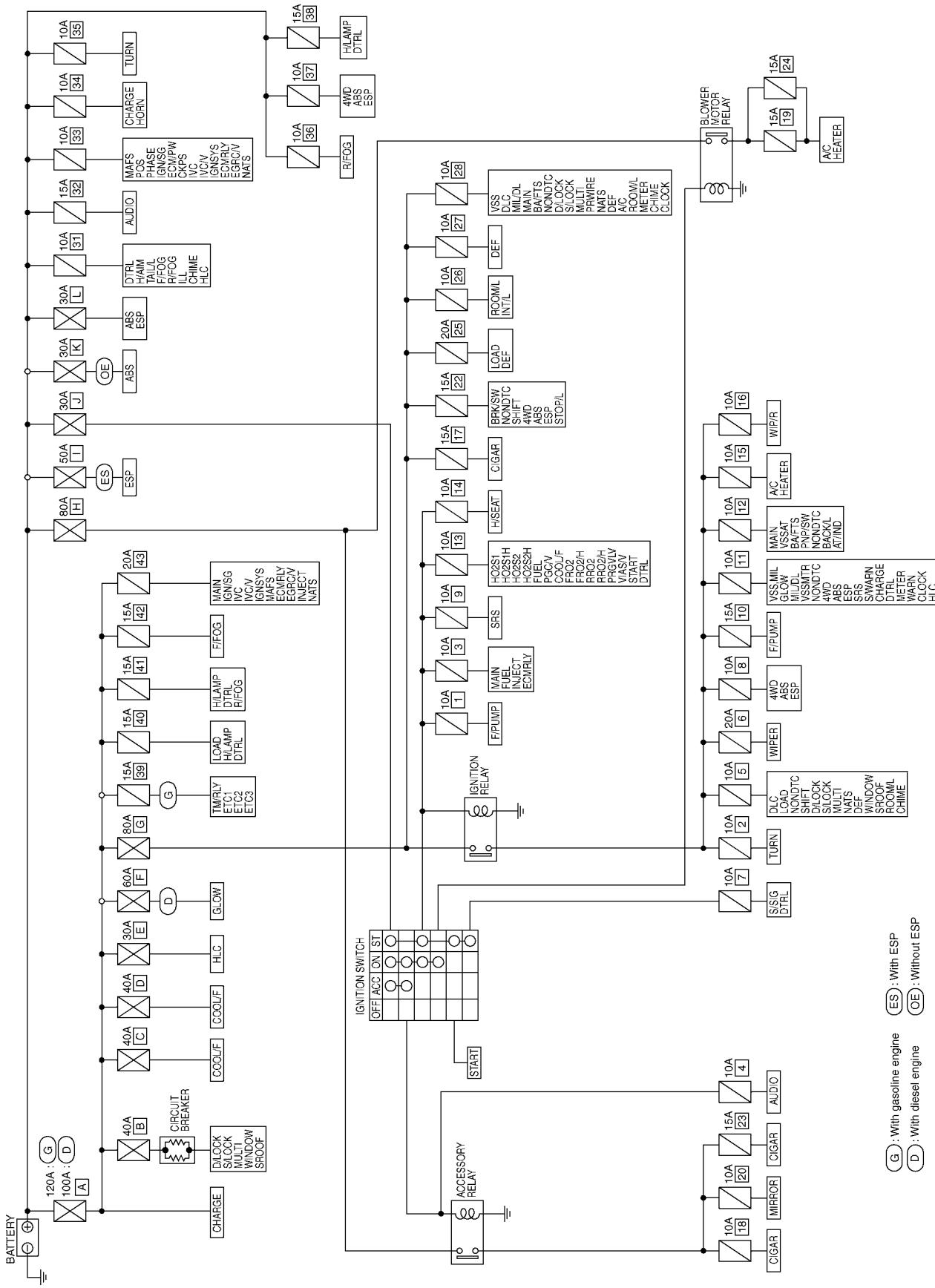
POWER SUPPLY ROUTING

PFP:00011

Schematic

EKS00322

To ESM



(G) : With gasoline engine (D) : With diesel engine
 (ES) : With ESP (OE) : Without ESP

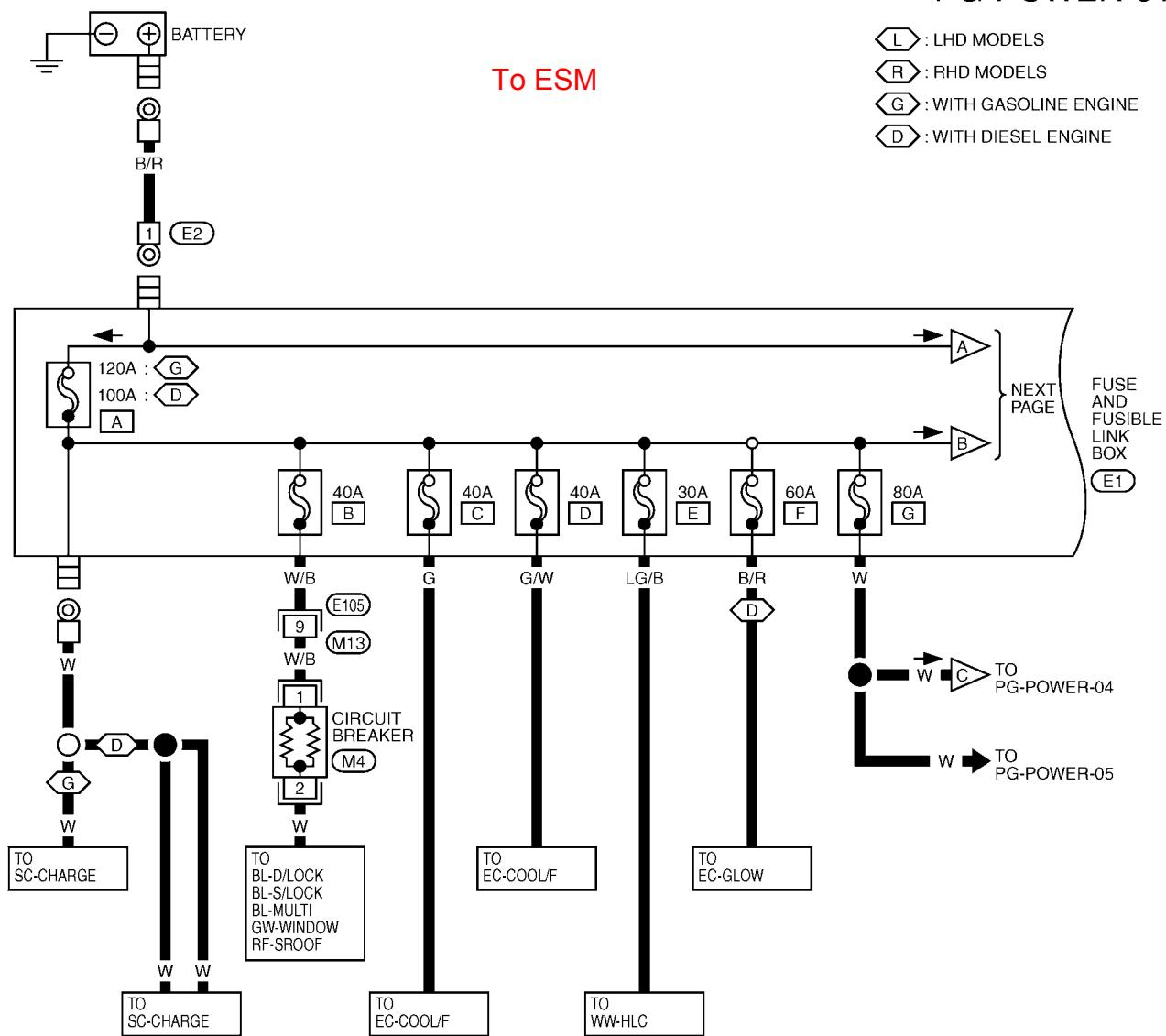
POWER SUPPLY ROUTING

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

EKS00323

A
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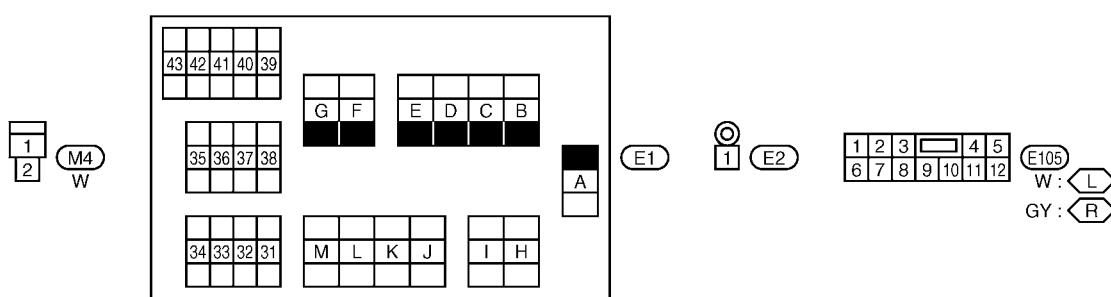
PG-POWER-01



PG

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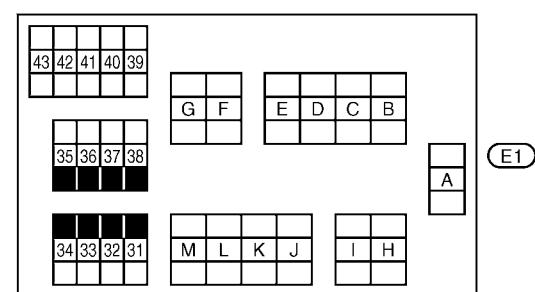
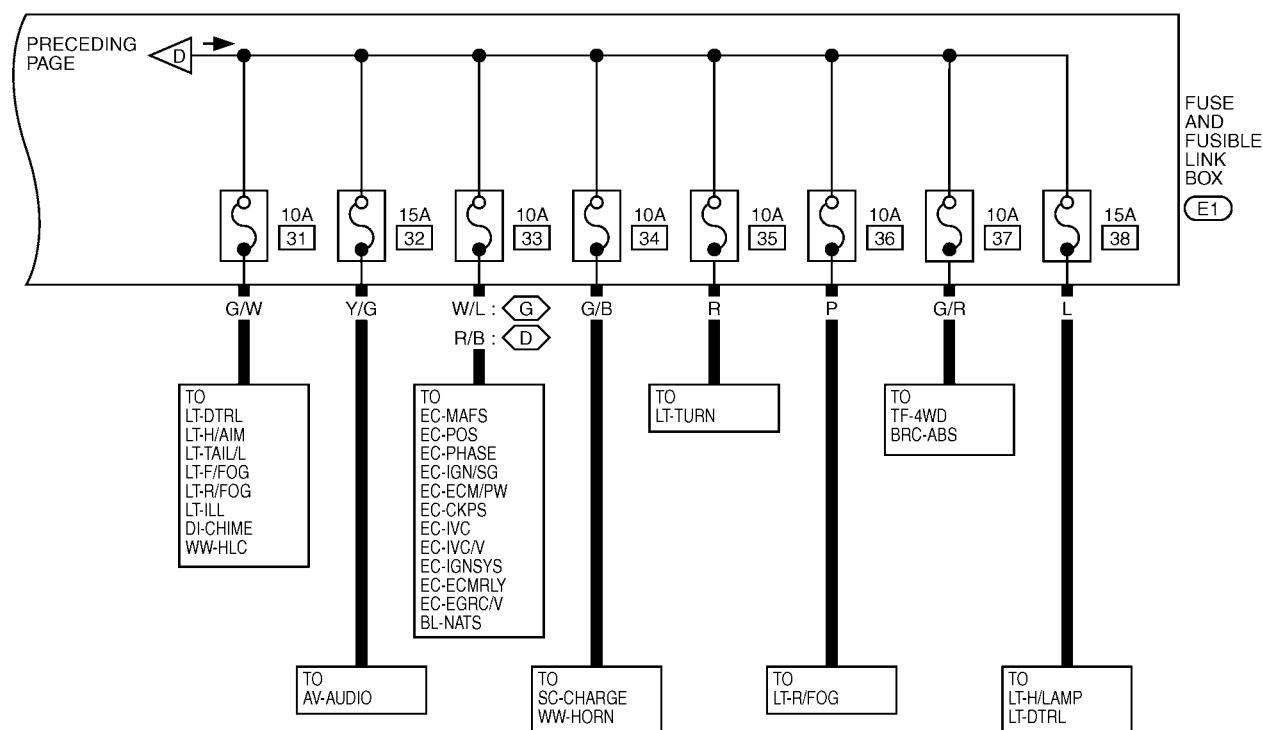


TKWA1112E

POWER SUPPLY ROUTING

PG-POWER-03

(G) : WITH GASOLINE ENGINE
(D) : WITH DIESEL ENGINE



TKWA1113E

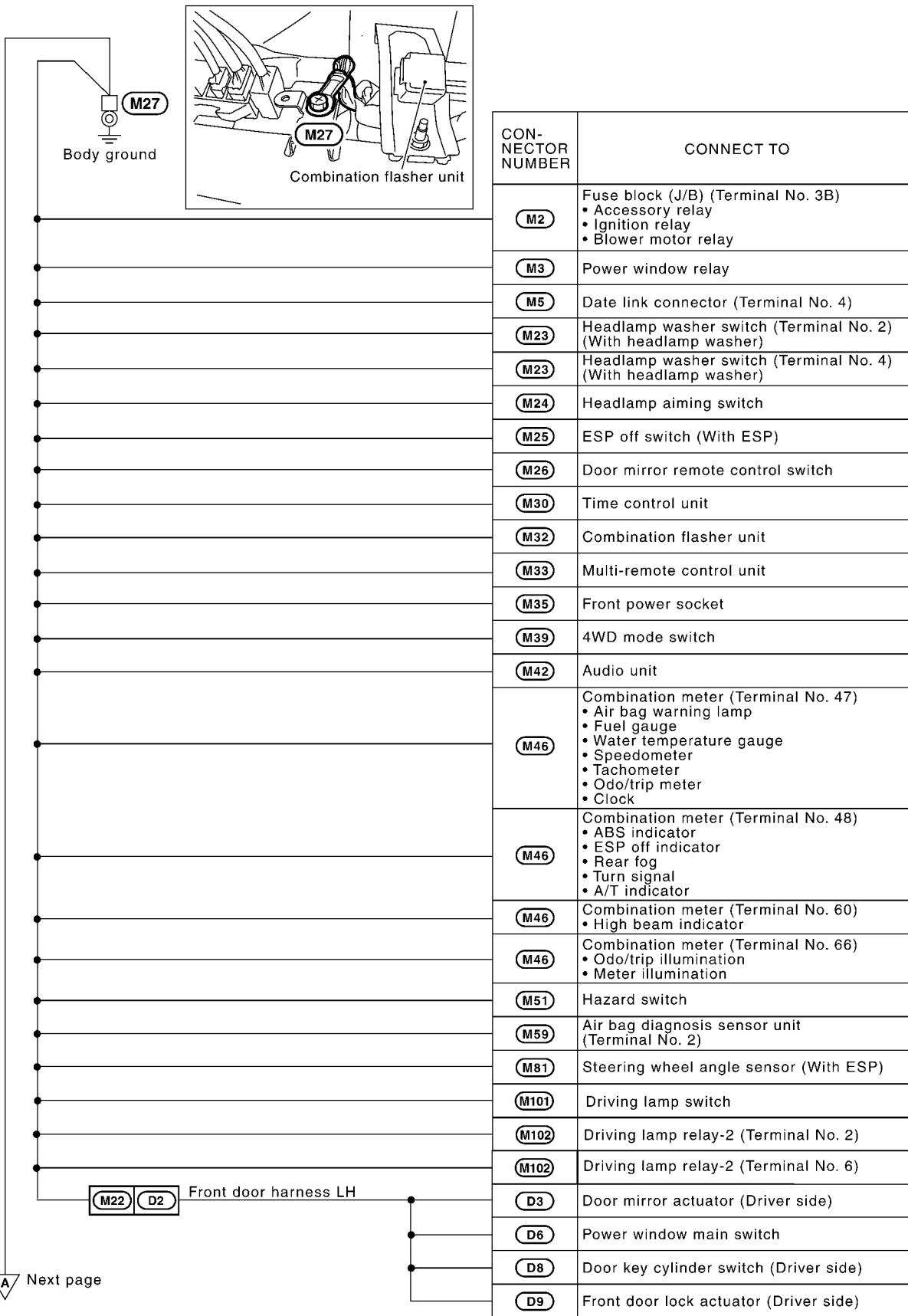
GROUND

PFP:00011

Ground Distribution
MAIN HARNESS/LHD MODELS

To ESM

EKS0032H



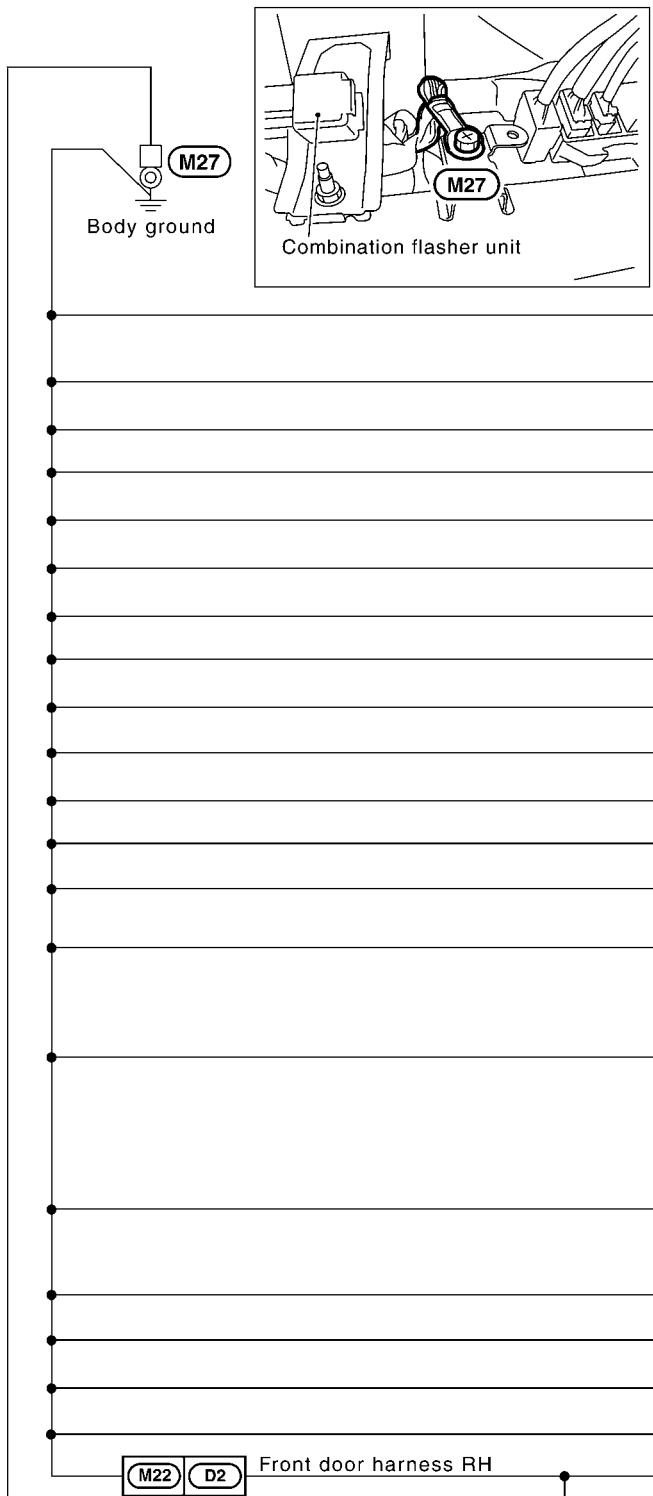
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CKIA0304E

GROUND

MAIN HARNESS/RHD MODELS

To ESM

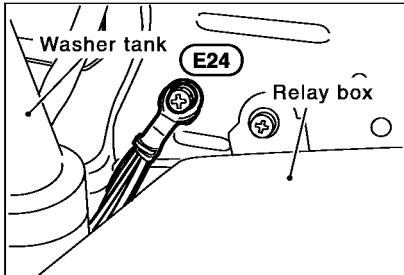
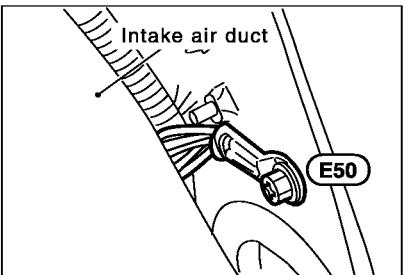


CONNECTOR NUMBER	CONNECT TO
(M2)	Fuse block (J/B) (Terminal No. 3B) • Accessory relay • Ignition relay • Blower motor relay
(M3)	Power window relay
(M5)	Date link connector (Terminal No. 4)
(M23)	Headlamp washer switch (Terminal No. 2) (With headlamp washer)
(M23)	Headlamp washer switch (Terminal No. 4) (With headlamp washer)
(M24)	Headlamp aiming switch
(M25)	ESP off switch (With ESP)
(M26)	Door mirror remote control switch
(M30)	Time control unit
(M32)	Combination flasher unit
(M35)	Front power socket
(M39)	4WD mode switch
(M46)	Combination meter (Terminal No. 49) • High beam indicator
(M46)	Combination meter (Terminal No. 56) • Odo/trip illumination • Meter illumination
(M46)	Combination meter (Terminal No. 60) • Air bag warning lamp • Fuel gauge • Water temperature gauge • Speedometer • Tachometer • Odo/trip meter • Clock
(M46)	Combination meter (Terminal No. 61) • ABS indicator • ESP off indicator • Rear fog • Turn signal • A/T indicator
(M51)	Hazard switch
(M59)	Air bag diagnosis sensor unit (Terminal No. 2)
(M81)	Steering wheel angle sensor (With ESP)
(M101)	Driving lamp switch
(D3)	Door mirror actuator (Driver side)
(D6)	Power window main switch
(D8)	Door key cylinder switch (Driver side)
(D9)	Front door lock actuator (Driver side)

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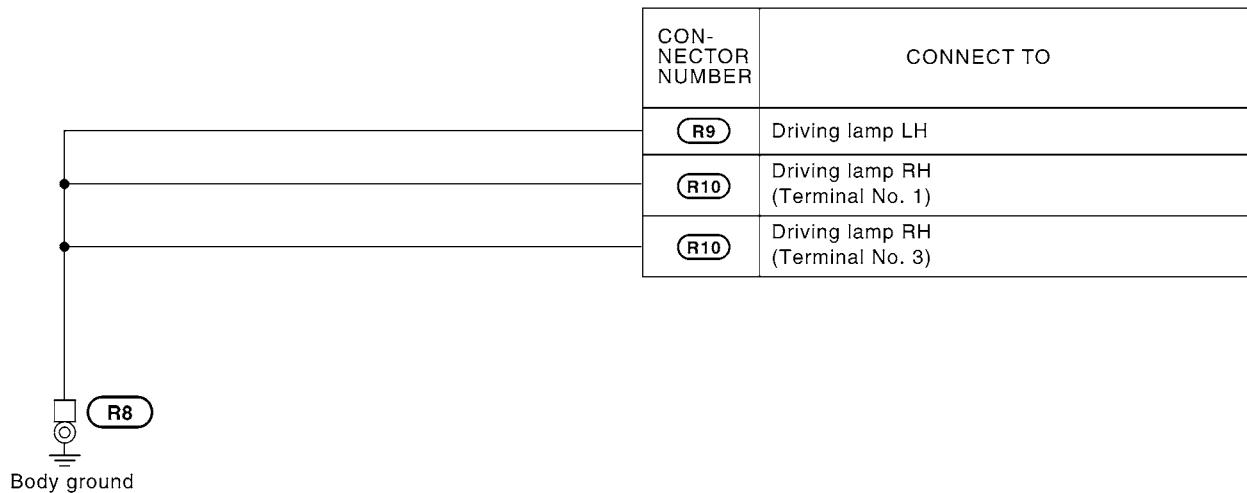
GROUND

ENGINE ROOM HARNESS/RHD MODELS

		To ESM																																
		<table border="1"> <thead> <tr> <th>CONNECTOR NUMBER</th><th>CONNECT TO</th></tr> </thead> <tbody> <tr><td>(E7)</td><td>Front fog lamp relay</td></tr> <tr><td>(E8)</td><td>Headlamp washer timer</td></tr> <tr><td>(E9)</td><td>Cooling fan relay-2</td></tr> <tr><td>(E10)</td><td>4WD actuator relay</td></tr> <tr><td>(E11)</td><td>Cooling fan relay-3</td></tr> <tr><td>(E15)</td><td>Rear fog lamp relay</td></tr> <tr><td>(E18)</td><td>Front wiper motor</td></tr> <tr><td>(E28)</td><td>Headlamp aiming motor RH</td></tr> <tr><td>(E43)</td><td>Parking lamp LH</td></tr> <tr><td>(E45)</td><td>Front fog lamp LH</td></tr> <tr><td>(E46)</td><td>Headlamp LH</td></tr> <tr><td>(E112)</td><td>Combination switch (Terminal No. 17) (Front wiper and washer switch)</td></tr> <tr><td>(E112)</td><td>Combination switch (Terminal No. 24) (Rear wiper and washer switch)</td></tr> <tr><td>(E129)</td><td>Driving lamp relay-2 (Terminal No.2)</td></tr> <tr><td>(E129)</td><td>Driving lamp relay-2 (Terminal No.6)</td></tr> </tbody> </table>	CONNECTOR NUMBER	CONNECT TO	(E7)	Front fog lamp relay	(E8)	Headlamp washer timer	(E9)	Cooling fan relay-2	(E10)	4WD actuator relay	(E11)	Cooling fan relay-3	(E15)	Rear fog lamp relay	(E18)	Front wiper motor	(E28)	Headlamp aiming motor RH	(E43)	Parking lamp LH	(E45)	Front fog lamp LH	(E46)	Headlamp LH	(E112)	Combination switch (Terminal No. 17) (Front wiper and washer switch)	(E112)	Combination switch (Terminal No. 24) (Rear wiper and washer switch)	(E129)	Driving lamp relay-2 (Terminal No.2)	(E129)	Driving lamp relay-2 (Terminal No.6)
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GROUND

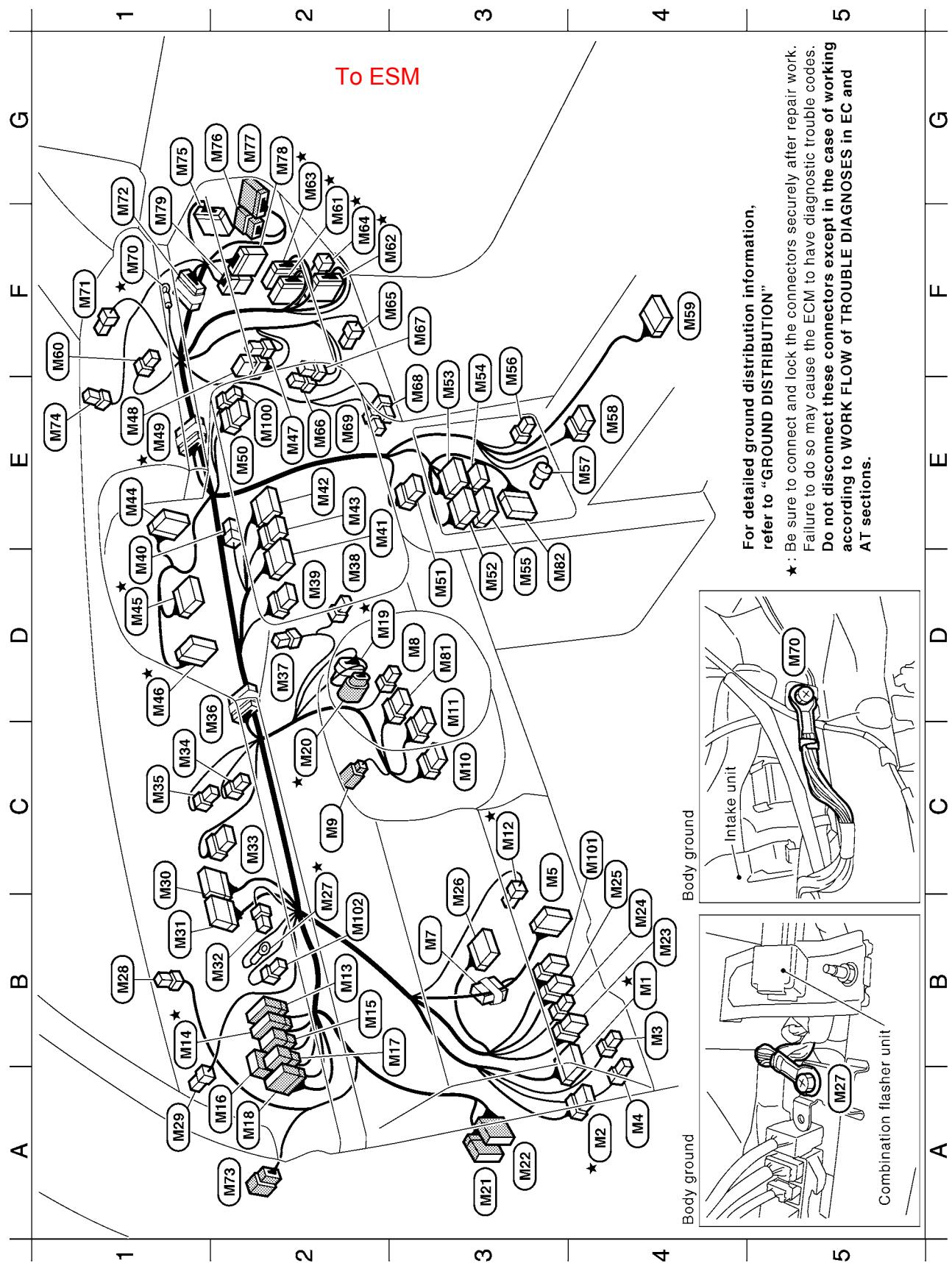
ROOM LAMP HARNESS



CKIA0301E

HARNESS

MAIN HARNESS/LHD MODELS



TKIA0056E

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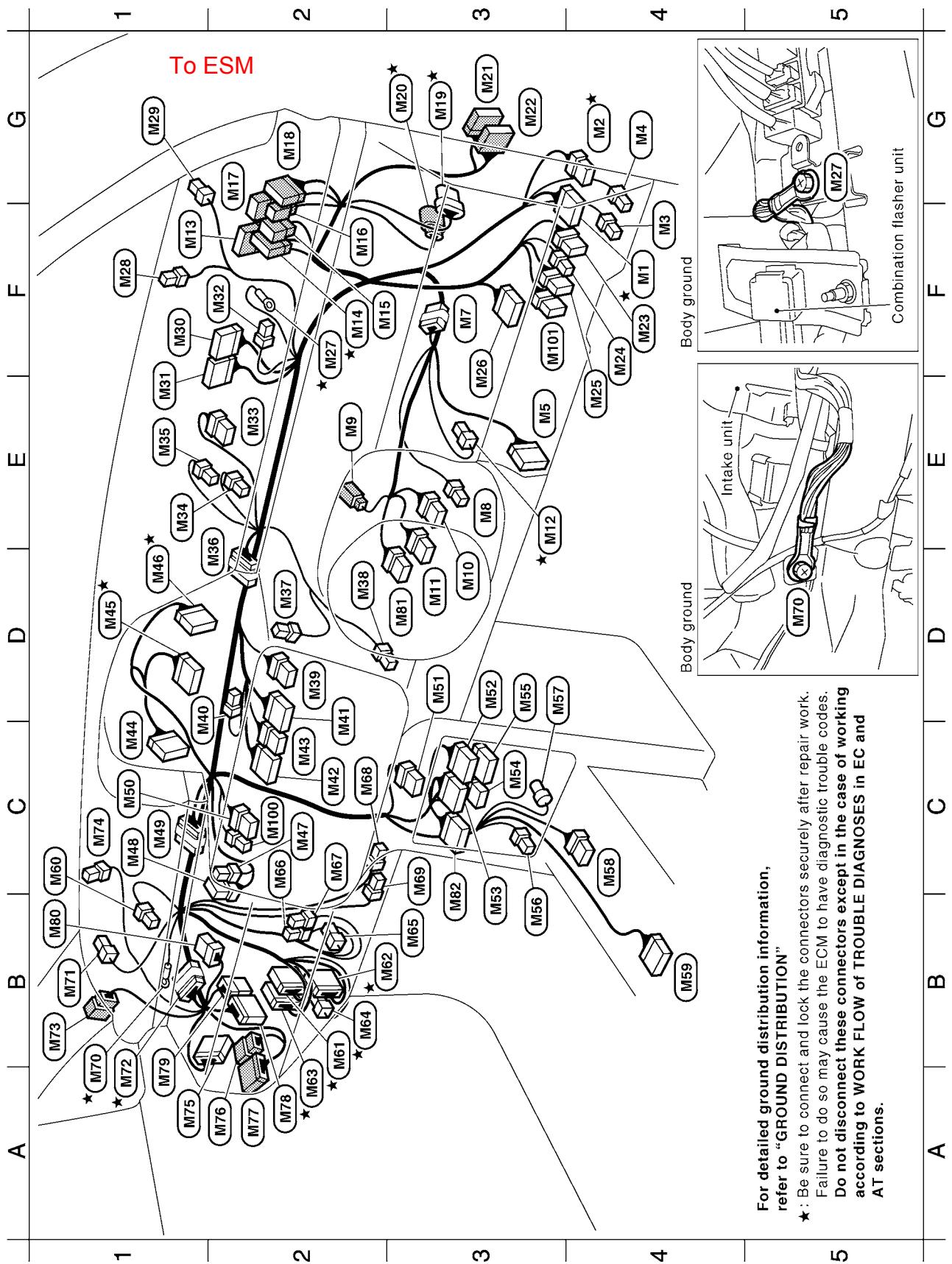
HARNESS

W/16	Fuse block (J/B)	D1	W/24	Combination meter
W/10	Fuse block (J/B)	E2	W/3	Intake door motor (With auto A/C)
L/4	Power window relay	E1	B/6	Intake door motor (With manual A/C)
M3	Circuit breaker (PTC)	E1	★ M48	Joint connector-2
M4	Date link connector	E1	★ M49	
W/16	Option connector for theft warning system	E2	OR/20	
M5		E2	M50	Rear window defogger switch
M7		D3	M51	Hazard switch
W/6		D3	M52	A/C auto amp. (With auto A/C)
M8	L/4	D3	M53	A/C auto amp. (With auto A/C)
M9	Cigarette lighter relay	E3	M54	Fan switch (With manual A/C)
B/R/2	Key switch	E3	M55	Heater control panel (With manual A/C)
C2		D3	M56	Cigarette lighter socket
M9		F3	M57	G sensor
Y/6	Combination switch (Spiral cable)	E4	M58	A/T device
M10		F4	M59	Air bag diagnosis sensor unit
M11	Combination switch (Spiral cable)	F1	M60	Front passenger air bag module
GY/8		F1	★ M61	To (F41) (With gasoline engine)
M12	Stop lamp switch	F2	★ M62	To (F42) (With gasoline engine)
B/2	To (E105)	F2	★ M63	To (F30) (With diesel engine)
M13	W/12	F2	★ M64	To (F29) (With diesel engine)
M14	B/R/16	F2	M65	Blower motor
W/16	To (E106)	E2	M66	Fan resistor (With manual A/C)
M15	GY/8	F3	M67	Fan control amp. (With auto A/C)
W/6	To (E107)	E3	M68	Intake sensor (Gasoline engine with auto A/C)
M16	W/6	E2	M69	Intake sensor (Diesel engine with auto A/C)
M17	W/8	F1	M70	Body ground
M18	B/R/20	F1	M71	Tweeter RH
M19	To (B2)	F1	M72	Joint connector-3
GY/6	Accelerator pedal position sensor (With gasoline engine)	A2	M73	To (R1)
M20	GY/8	E1	M74	Sunload sensor (With auto A/C)
C2	Accelerator work unit (With diesel engine)	E1	M75	To (E116)
M21	W/16	F1	M76	To (D12)
M22	B/R/12	F1	M77	To (D11)
M23	To (D1)	F1	M78	To (B105)
GY/8	To (D2)	F1	M79	To (B106)
M24	Headlamp washer switch	D3	M81	Steering wheel angle sensor (With ESP)
W/4	Headlamp aiming switch	D3	M82	CD autochanger
M25	ESP off switch (With ESP)	E2	M83	Seat belt warning lamp (Passenger side)
GY/6		C4	M101	Driving lamp switch
W/10	Door mirror remote control switch	B2	M102	Driving lamp relay-2
M26				
B2	—			
M27	Body ground			
M28	B/R/2			
M29	Security indicator lamp			
A1	B/R/2			
M30	Tweeter LH			
GY/16	Time control unit			
B1	M31			
GY/20	Time control unit			
M32	B/3			
B2	Combination flasher unit			
M33	BR/8			
C2	Multi-remote control unit			
M34	W/2			
W/2	In-vehicle sensor (With auto A/C)			
C1	M35			
B/2	Front power socket			
D1	M36	Joint connector-1		
OR/20	Mode door motor (With auto A/C)			
D2	M37			
W/3	Air mix door motor (With auto A/C)			
M38	4WD mode switch			
D2	M39			
GY/6	Antenna amp.			
D1	M40			
W/16	Audio unit			
E2	M41			
W/12	Audio unit			
M42	Audio unit			
W/8	Audio unit			
E2	M43			
BR/24	Combination meter			
D1	M44			
W/20	Combination meter			

★ : 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.

Harness

MAIN HARNESS/RHD MODELS



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

• 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.**

HARNESS

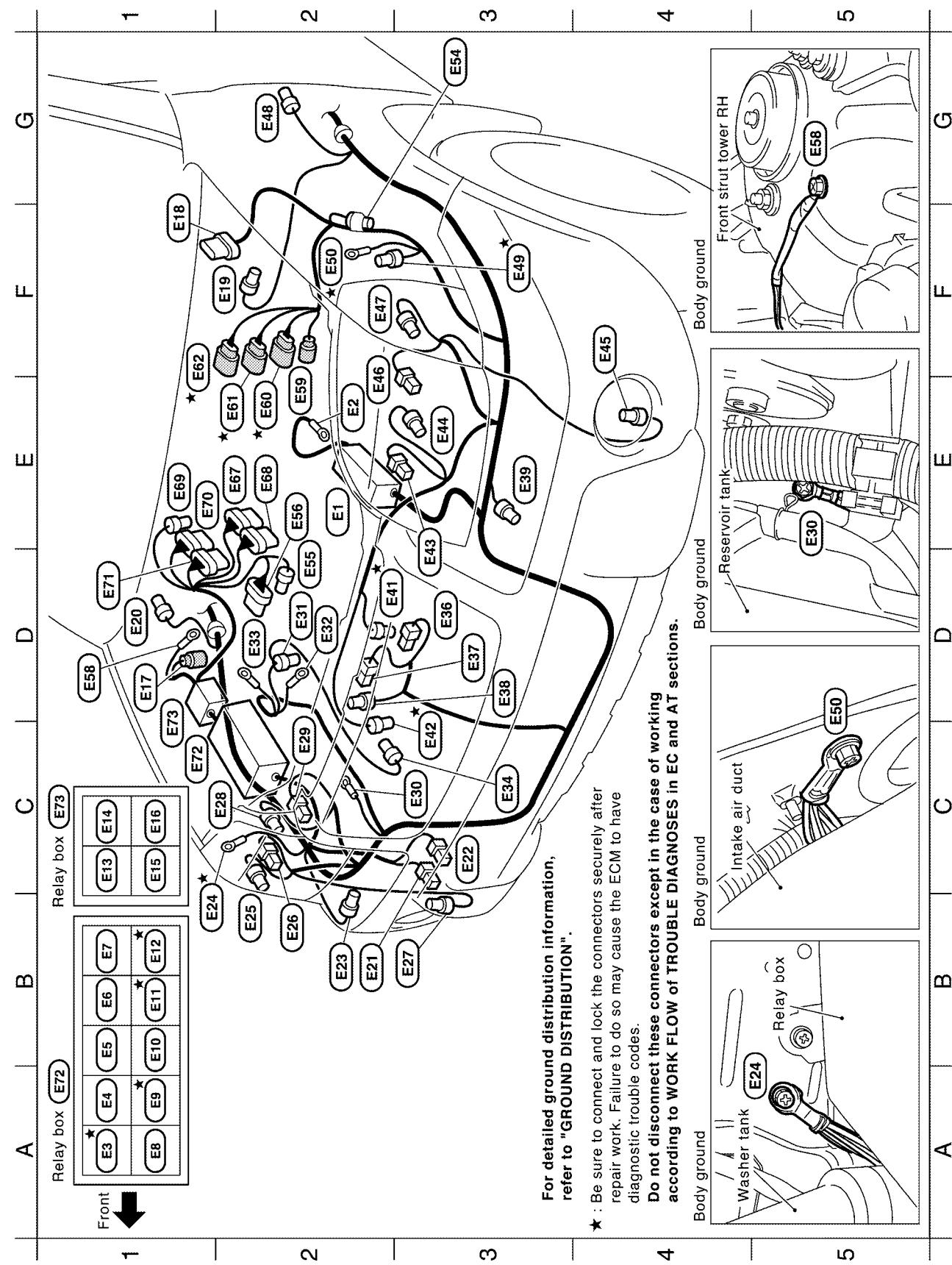
F4	★ M1 W/16	Fuse block (J/B)	D1	★ M46 BR/24	Combination meter
G4	★ M2 W/10	Fuse block (J/B)	C2	W/3	Intake door motor (With auto A/C)
F4	M3 L/4	Power window relay	C1	B/6	Intake door motor (With manual A/C)
G4	M4 W/2	Circuit breaker (PTC)	C1	OR/20	Joint connector-2
E3	M5 W/16	Date link connector	C1	M50	Rear window defogger switch
F3	M7 W/6	Option connector for theft warning system	D3	M51	Hazard switch
E3	M8 L/4	Cigarette lighter relay	D3	M52 GY/20	A/C auto amp. (With auto A/C)
E2	M9 BR/2	Key switch	B3	M53 GY/16	A/C auto amp. (With auto A/C)
D3	M10 Y/6	Combination switch (Spiral cable)	C3	M54 W/6	Fan switch (With manual A/C)
D3	M11 GY/8	Combination switch (Spiral cable)	D3	M55 W/12	Heater control panel (With manual A/C)
E3	★ M12 B/2	Stop lamp switch	B3	M56 L/4	Cigarette lighter socket
F1	★ M13 W/12	To E105	D3	M57 GY/4	G sensor
F2	★ M14 BR/16	To E106	C4	M58 W/8	A/T device
F2	M15 GY/6	To E107	B4	M59 Y/20	Air bag diagnosis sensor unit
F2	M16 W/6	To B3	C1	M60 Y/2	Front passenger air bag module
G2	M17 W/8	To B1	★ M61 BR/24	To F41 (With gasoline engine)	
G2	M18 BR/20	To B2	★ M62 W/16	To F42 (With gasoline engine)	
G3	★ M19 GY/6	Accelerator pedal position sensor (With gasoline engine)	B2	★ M63 BR/24	To F30 (With diesel engine)
G3	★ M20 GY/8	Accelerator work unit (With diesel engine)	A2	★ M64 W/4	To F29 (With diesel engine)
G3	M21 W/16	To D1	B2	M65 W/2	Blower motor
G3	M22 BR/12	To D2	C2	M66 BR/4	Fan resistor (With manual A/C)
F4	M23 GY/8	Headlamp washer switch	C2	M67 W/4	Fan control amp. (With auto A/C)
F4	M24 W/4	Headlamp aiming switch	C2	M68 W/4	Intake sensor (Gasoline engine with auto A/C)
F4	M25 GY/6	ESP off switch (With ESP)	C3	M69 W/2	Intake sensor (Diesel engine with auto A/C)
F3	M26 W/10	Door mirror remote control switch	B1	★ M70 —	Body ground
F2	★ M27 —	Body ground	B1	M71 BR/2	Tweeter RH
F1	M28 BR/2	Security indicator lamp	A1	★ M72 L/20	Joint connector-3
G1	M29 BR/2	Tweeter LH	B1	M73 W/8	To R1
F1	M30 GY/16	Time control unit	C1	M74 B/2	Sunload sensor (With auto A/C)
E1	M31 GY/20	Time control unit	A1	M75 BR/20	To E116
F2	M32 B/3	Combination flasher unit	A2	M76 BR/8	To D12
E2	M33 BR/8	Multi-remote control unit	A2	M77 W/12	To D11
E1	M34 W/2	In-vehicle sensor (With auto A/C)	A2	M78 W/12	To B105
E1	M35 B/2	Front power socket	A1	M79 W/8	To B106
D2	M36 OR/20	Joint connector-1	B1	M80 BR/8	Dongle unit
D2	M37 W/3	Mode door motor (With auto A/C)	D3	M81 W/8	Steering wheel angle sensor (With ESP)
D2	M38 W/3	Air mix door motor (With auto A/C)	B3	M82 W/16	CD autochanger
D2	M39 GY/6	4WD mode switch	C2	M109 W/4	Seat belt warning lamp (Passenger side)
D1	M40 W/2	Antenna amp.	F3	M101 W/6	Driving lamp switch
D2	M41 W/12	Audio unit	★	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.	
C2	M42 W/16	Audio unit			
C2	M43 W/8	Audio unit			
C1	M44 W/24	Combination meter			
D1	★ M45 BR/20	Combination meter			

Harness

ENGINE ROOM HARNESS/LHD MODELS

Gasoline Engine Models

To ESM



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

- ★ Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have

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

Body ground

TKIA0046E

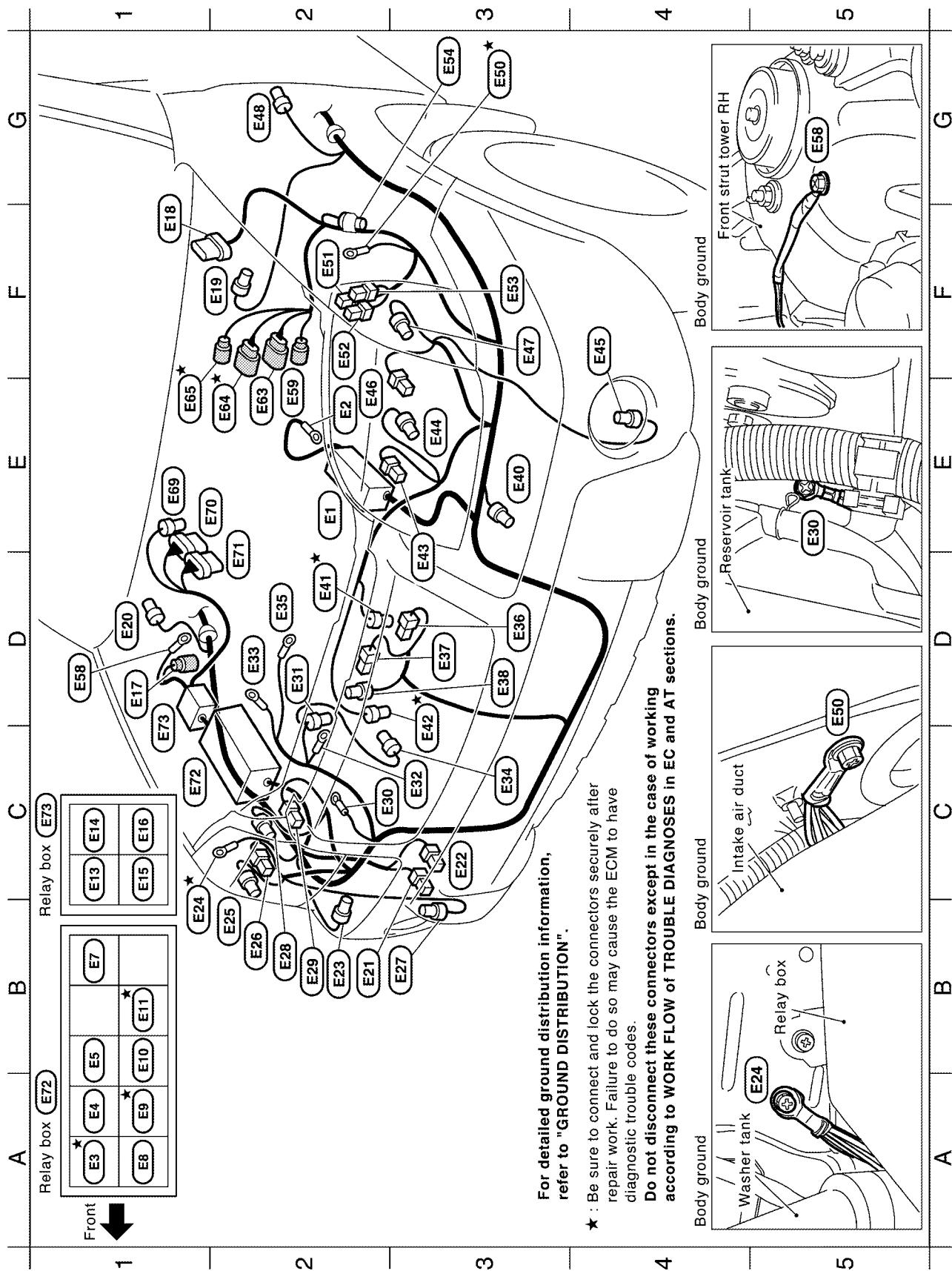
HARNESS

E1	—	Fuse and Fusible link box
E2	—	Battery (+)
E2	★ (E3)	BR/6 : Cooling fan relay-1
A1	(E4)	W/3 : Horn relay
A1	(E5)	L/4 : Air conditioner relay (With auto A/C)
B1	(E6)	L/4 : Park/Neutral position relay (With A/T)
B1	(E7)	L/4 : Front fog lamp relay
A1	(E8)	BR/6 : Headlamp washer timer
A1	★ (E9)	BR/6 : Cooling fan relay-2
B1	(E10)	B/5 : 4WD actuator relay
B1	★ (E11)	BR/6 : Cooling fan relay-3
B1	★ (E12)	L/4 : Throttle control motor relay
C1	(E13)	L/4 : Daytime light relay LH (With daytime light system)
C1	(E14)	L/4 : Driving lamp relay-1
C1	(E15)	L/4 : Rear fog lamp relay
C1	(E16)	L/4 : Daytime light relay RH (With daytime light system)
D1	(E17)	GY/2 : Front wheel sensor RH
F1	(E18)	GY/6 : Front wiper motor
F2	(E19)	GY/2 : Brake fluid level switch
D1	(E20)	BR/2 : Side turn signal lamp RH
B2	(E21)	W/2 : Front washer motor
C3	(E22)	G/2 : Rear washer motor
B2	(E23)	GY/2 : Headlamp washer motor
B1	★ (E24)	— : Body ground
B2	(E25)	GY/2 : Front turn signal lamp RH
B2	(E26)	B/3 : Headlamp RH
B3	(E27)	GY/2 : Front fog lamp RH
C2	(E28)	B/3 : Headlamp aiming motor RH
C2	(E29)	B/2 : Parking lamp RH
C3	(E30)	— : Body ground
D2	(E31)	GY/2 : Alternator
D2	(E32)	— : Alternator
D2	(E33)	— : Alternator
C3	(E34)	B/1 : Compressor (With auto A/C)
D3	(E36)	B/1 : Horn high
D3	(E37)	B/1 : Horn low
D3	(E38)	B/2 : Ambient sensor (With auto A/C)
E3	(E39)	B/3 : Refrigerant pressure sensor (With auto A/C)
D2	★ (E41)	GY/4 : Cooling fan motor-1
C3	★ (E42)	GY/4 : Cooling fan motor-2

★ : 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.

Harness

Diesel Engine Models



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

- ★ : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have trouble.

Do not disconnect these connectors except in the case of working diagnostic trouble codes.

10

TKIA0048E

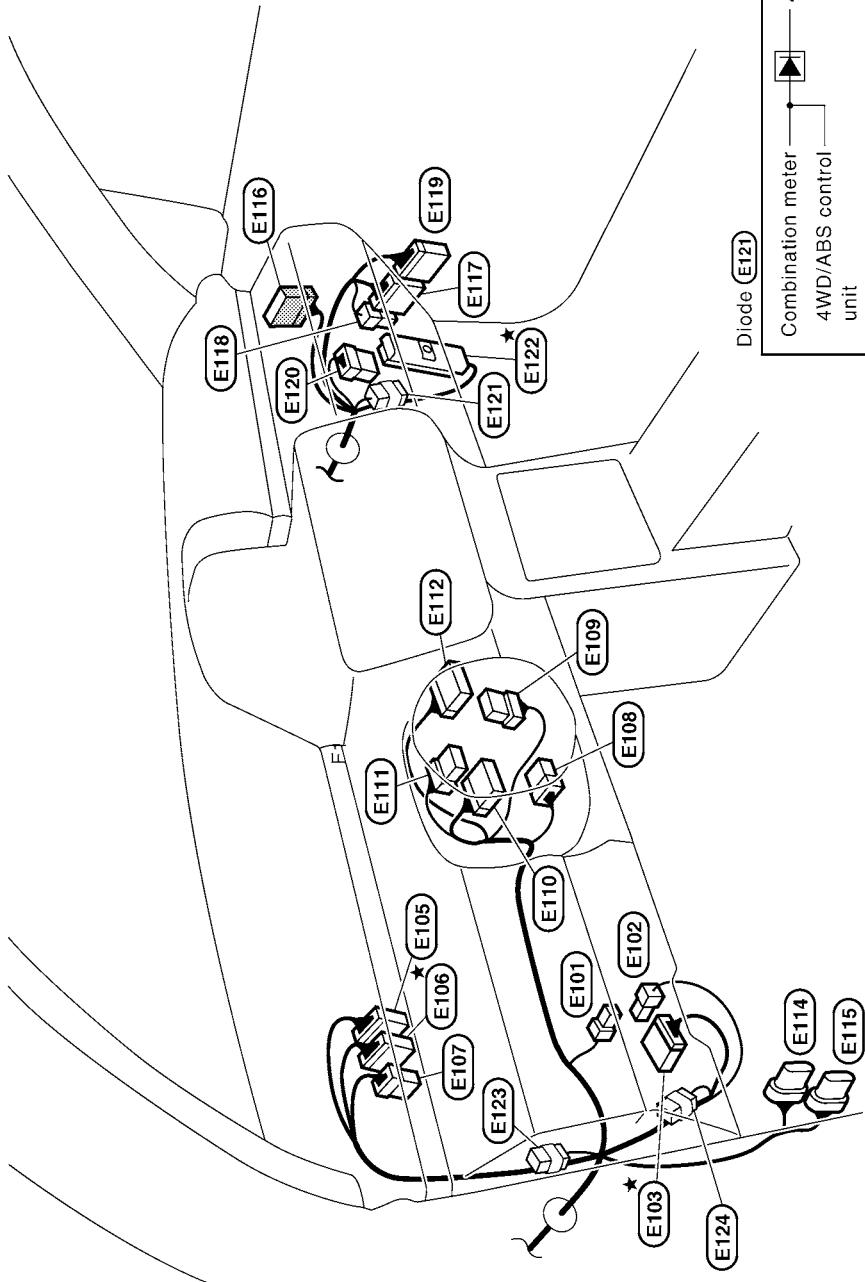
HARNESS

E2	E1	—	Fuse and Fusible link box
E2	E2	—	Battery (+)
A1	★ E3	BR/6	Cooling fan relay-1
A1	E4	W/3	Horn relay
B1	E5	L/4	Air conditioner relay (With auto A/C)
B1	E7	L/4	Front fog lamp relay
A1	E8	BR/6	Headlamp washer timer
A1	★ E9	BR/6	Cooling fan relay-2
B1	E10	B/5	4WD actuator relay
B1	★ E11	BR/6	Cooling fan relay-3
C1	E13	L/4	Daytime light relay LH (With daytime light system)
C1	E14	L/4	Driving lamp relay-1
C1	E15	L/4	Rear fog lamp relay
C1	E16	L/4	Daytime light relay RH (With daytime light system)
D1	E17	GY/2	Front wheel sensor RH
F1	E18	GY/6	Front wiper motor
F2	E19	GY/2	Brake fluid level switch
D1	E20	BR/2	Side turn signal lamp RH
B2	E21	W/2	Front washer motor
C3	E22	G/2	Rear washer motor
B2	E23	GY/2	Headlamp washer motor
B1	★ E24	—	Body ground
B2	E25	GY/2	Front turn signal lamp RH
B2	E26	B/3	Headlamp RH
B3	E27	GY/2	Front fog lamp RH
B2	E28	B/3	Headlamp aiming motor RH
B2	E29	B/2	Parking lamp RH
C2	E30	—	Body ground
D2	E31	GY/2	Alternator
C3	E32	—	Alternator
D2	E33	—	Alternator
C3	E34	B/1	Compressor (With auto A/C)
D2	E35	—	Glow plug
D3	E36	B/1	Horn high
D3	E37	B/1	Horn low
D3	E38	B/2	Ambient sensor (With auto A/C)
E3	E40	B/2	Dual-pressure switch (With auto A/C)
D2	★ E41	GY/4	Cooling fan motor-1
C3	★ E42	GY/4	Cooling fan motor-2
D3	E43	B/2	Parking lamp 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 and AT sections.

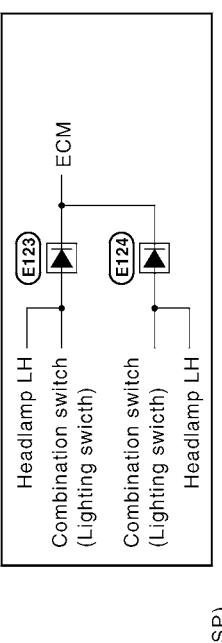
HARNESS

Passenger Compartment



(E101)	B/2	Fuse block (J/B)	(E115)	GY8	Daytime light control unit
(E102)	W/4	Fuse block (J/B)	(E116)	BR/20	To (M75)
(E103)	W/12	Fuse block (J/B)	(E117)	W/16	To (B101) (With ESP)
(E104)	W/12	To (M13)	(E118)	B/2	To (B102) (With ESP)
(E105)	BR/116	To (M14)	(E119)	W/20	To (B103) (With ESP)
(E106)	GY8	To (M15)	(E120)	W/8	To (B104) (Without ESP)
(E107)	W/6	Ignition switch	(E121)	W/2	Diode
(E108)	NATS /MMU	Combination switch (Lighting switch)	(E122)	SMJ	4WD control unit (Without ESP)
(E109)	W/8	Combination switch (Fog lamp switch)	(E123)	W/2	Diode
(E110)	BR/112	Combination switch (Wiper and washer switch)	(E124)	W/2	Diode
(E111)	W/8	(Wiper and washer switch)			
(E112)	GY/112	Daytime light control unit			
(E113)	GY/6				

* : 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.

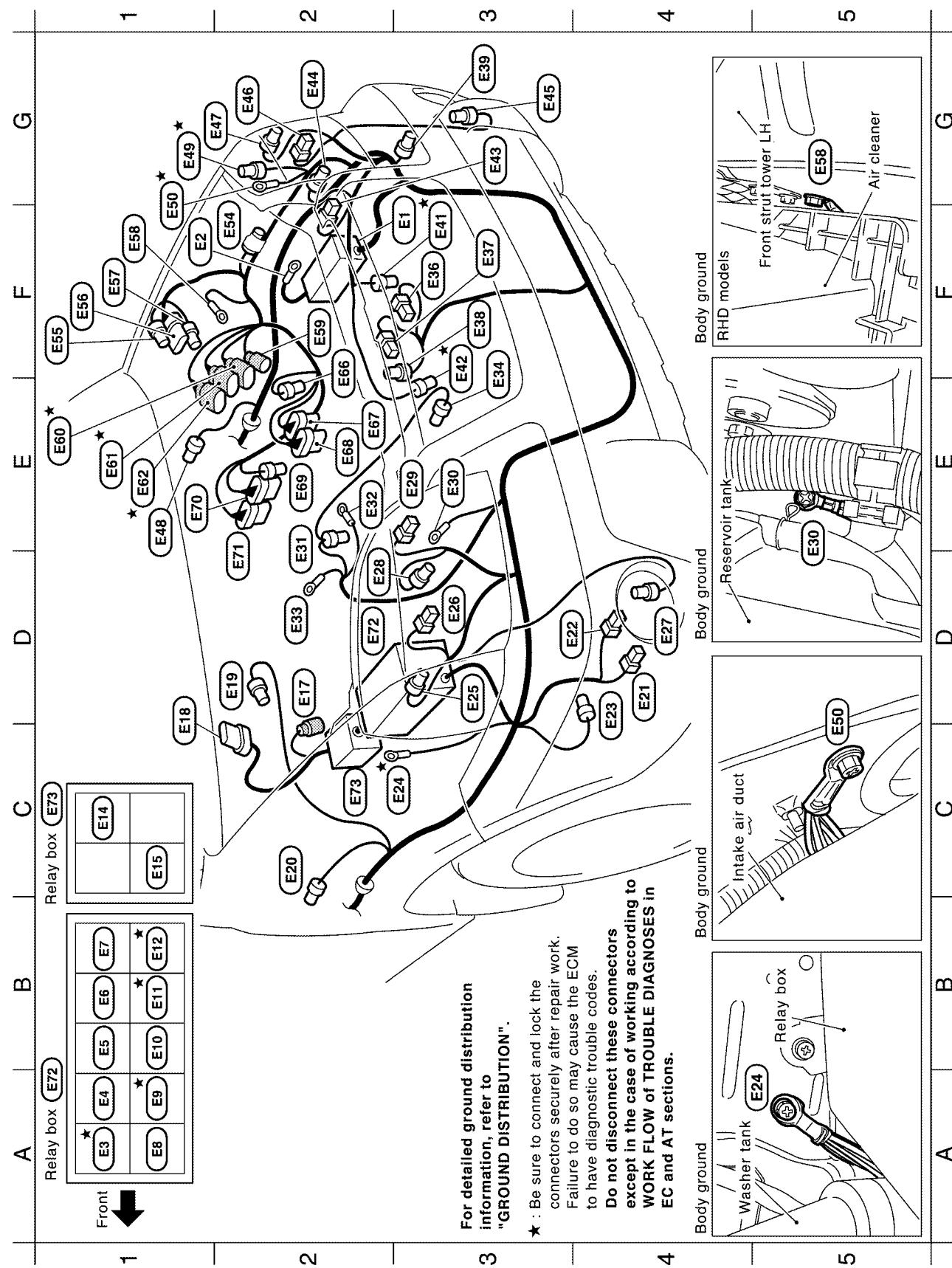
TKIA0050E

Harness

ENGINE ROOM HARNESS/RHD MODELS

Gasoline Engine Models

To ESM



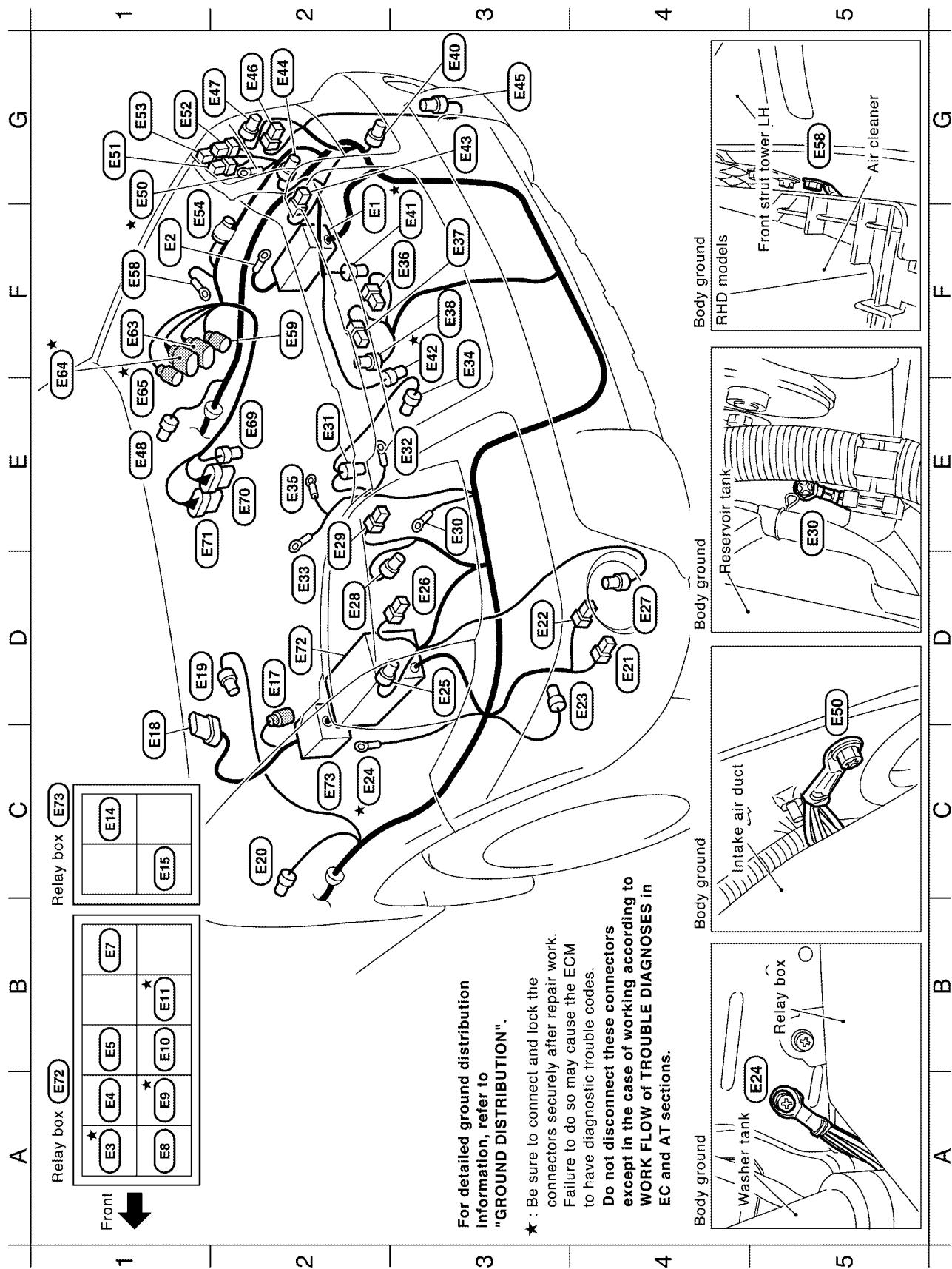
HARNESS

F3	—	Fuse and Fusible link box	G2	B/3	Headlamp aiming motor LH
F1	—	Battery (+)	G3	GY/2	Front fog lamp LH
F1	★	E3 BR/6 : Cooling fan relay-1	G2	B/3	Headlamp LH
A1	E4	W/3 : Horn relay	G2	GY/2	Front turn signal lamp LH
B1	E5	L/4 : Air conditioner relay (With auto A/C)	E1	BR/2	Side turn signal lamp LH
B1	E6	L/4 : Park/Neutral position relay (With A/T)	★	E49 GY/2	Dropping resistor (With A/T)
B1	E7	L/4 : Front fog lamp relay	★	E50	— : Body ground
A1	E8	BR/6 : Headlamp washer timer	F2	E54 GY/2	Option connector for hood switch
A1	★	E9 BR/6 : Cooling fan relay-2	F1	E55 B/2	ESP relay box (With ESP)
B1	E10	B/5 : 4WD actuator relay	F1	E56 B/8	ESP relay box (With ESP)
B1	★	E11 BR/6 : Cooling fan relay-3	F1	E57 GY/2	ESP relay box (With ESP)
B1	★	E12 L/4 : Throttle control motor relay	F1	E58	— : Body ground
C1	E14	L/4 : Driving lamp relay-1	F2	E59 BR/2	Front wheel sensor LH
C1	E15	L/4 : Rear fog lamp relay	★	E60 GY/9	To F36
D2	E17	GY/2 : Front wheel sensor RH	★	E61 DGY/8	To F38
D1	E18	GY/6 : Front wiper motor	★	E62 GY/8	To F37
D2	E19	GY/2 : Brake fluid level switch	F2	E66 B/2	ESP actuator (With ESP)
C2	E20	BR/2 : Side turn signal lamp RH	E2	E67 DGY/8	ESP actuator (With ESP)
D4	E21	W/2 : Front washer motor	E2	E68 SB/8	ESP actuator (With ESP)
D4	E22	G/2 : Rear washer motor	E2	E69 GY/2	ABS actuator (Without ESP)
D4	E23	GY/2 : Headlamp washer motor	E1	E70 B/8	ABS actuator (Without ESP)
C3	★	E24 — : Body ground	D2	E71 GY/8	ABS actuator (Without ESP)
D3	E25	GY/2 : Front turn signal lamp RH	A1, D2	E72	— : Relay box
D3	E26	B/3 : Headlamp RH	C1, C2	E73	— : Relay box
D4	E27	GY/2 : Front fog lamp RH			
D2	E28	B/3 : Headlamp aiming motor RH			
E3	E29	B/2 : Parking lamp RH			
E3	E30	— : Body ground			
E2	E31	GY/2 : Alternator			
E2	E32	— : Alternator			
D2	E33	— : Alternator			
F3	E34	B/1 : Compressor (With auto A/C)			
F3	E35	B/1 : Refrigerant pressure sensor (With auto A/C)			
G3	E39	B/3 : Ambient sensor			
F3	★	E41 GY/4 : Cooling fan motor-1			
F3	★	E42 GY/4 : Cooling fan motor-2			
G3	E43	B/2 : Parking lamp 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 and AT sections.

HARNESS

Diesel Engine Models



TKIA0053E

HARNESS

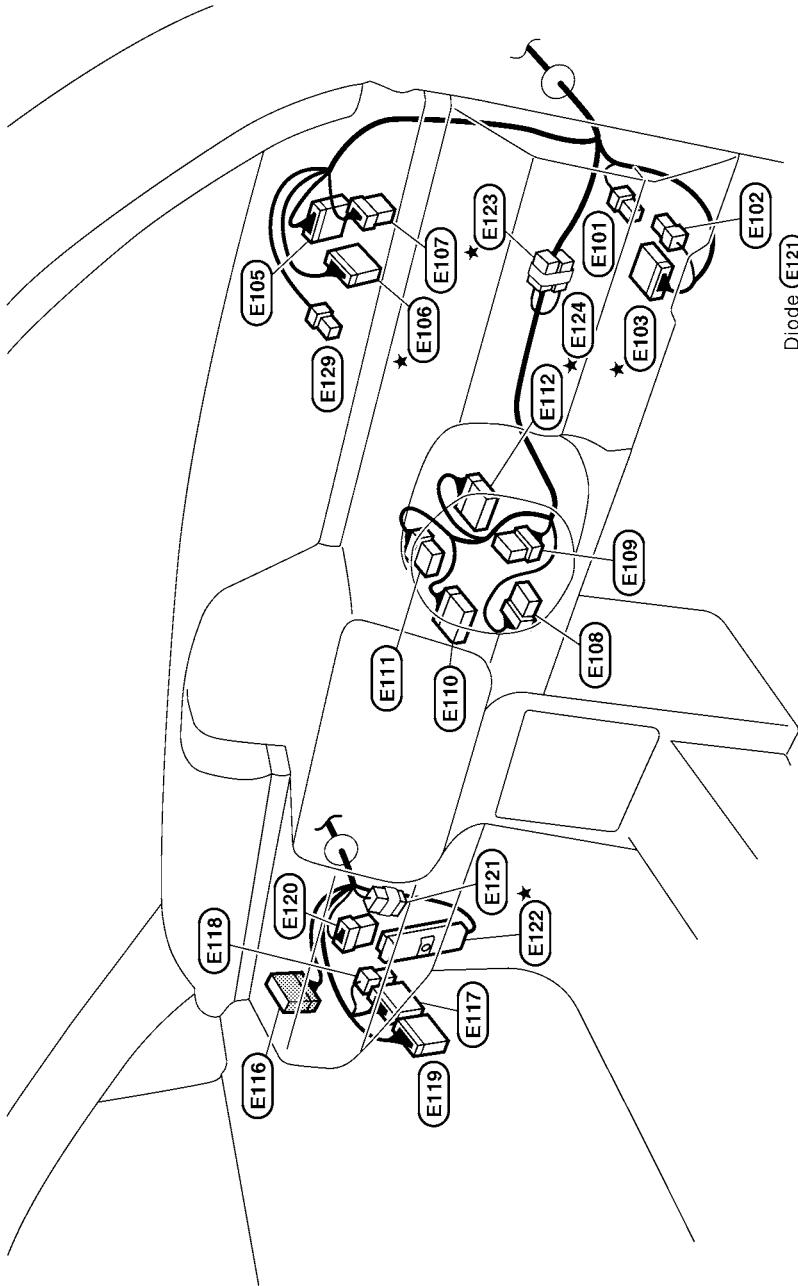
F2	—	Fuse and Fusible link box	G2	B/3	Headlamp aiming motor LH	
F1	—	Battery (+)	G3	GY/2	Front fog lamp LH	
F1	★	(E3) BR/6 : Cooling fan relay-1	G2	B/3	Headlamp LH	
A1	(E4) W/3	Horn relay	G2	GY/2	Front turn signal lamp LH	
A1	(E5) L/4	Air conditioner relay (With auto A/C)	E1	BR/2	Side turn signal lamp LH	
B1	(E5)	—	★	E50	— : Body ground	
B1	(E7)	L/4 : Front fog lamp relay	G1	E51	W/1 : Glow relay	
A1	(E8)	BR/6 : Headlamp washer timer	G1	E52	W/1 : Glow relay	
A1	★	(E9) BR/6 : Cooling fan relay-2	G1	E53	G/2 : Glow relay	
B1	(E10)	B/5 : 4WD actuator relay	F1	E54	GY/2 : Option connector for hood switch	
B1	★	(E11) BR/6 : Cooling fan relay-3	F1	E58	— : Body ground	
C1	(E14)	L/4 : Driving lamp relay-1	F2	E59	BR/2 : Front wheel sensor LH	
C1	(E15)	L/4 : Rear fog lamp relay	F1	E63	GY/8 : To (F4)	
D2	(E17)	GY/2 : Front wheel sensor RH	F1	★	E64	B/6 : To (F5)
C1	(E18)	GY/6 : Front wiper motor	E1	★	E65	B/2 : To (F6)
D1	(E19)	GY/2 : Brake fluid level switch	E2	E69	GY/2 : ABS actuator	
C2	(E20)	BR/2 : Side turn signal lamp RH	E2	E70	B/8 : ABS actuator	
D4	(E21)	W/2 : Front washer motor	E1	E71	GY/8 : ABS actuator	
D3	(E22)	G/2 : Rear washer motor	A1, D2	E72	— : Relay box	
D4	(E23)	GY/2 : Headlamp washer motor	C1, C2	E73	— : Relay box	
C2	★	(E24) — : Body ground	★	—	—	
D3	(E25)	GY/2 : Front turn signal lamp RH	★	—	—	
D3	(E26)	B/3 : Headlamp RH	★	—	—	
D4	(E27)	GY/2 : Front fog lamp RH	★	—	—	
D2	(E28)	B/3 : Headlamp aiming motor RH	★	—	—	
E2	(E29)	B/2 : Parking lamp RH	★	—	—	
E3	(E30)	— : Body ground	★	—	—	
E2	(E31)	GY/2 : Alternator	★	—	—	
E3	(E32)	— : Alternator	★	—	—	
D2	(E33)	— : Alternator	★	—	—	
F3	(E34)	B/1 : Compressor (With auto A/C)	★	—	—	
E2	(E35)	— : Glow plug	★	—	—	
F3	(E36)	B/1 : Horn high	★	—	—	
F3	(E37)	B/1 : Horn low	★	—	—	
F3	(E38)	B/2 : Ambient sensor	★	—	—	
G3	(E40)	B/2 : Dual-pressure switch (With auto A/C)	★	—	—	
F3	★	(E41) GY/4 : Cooling fan motor-1	★	—	—	
F3	★	(E42) GY/4 : Cooling fan motor-2	★	—	—	
G3	(E43)	B/2 : Parking lamp 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 and AT sections.

TKIA0054E

HARNESS

Passenger Compartment



E101	B/2	: Fuse block (J/B)
E102	W/4	: Fuse block (J/B)
E103	W/12	: Fuse block (J/B)
E104	W/12	: To (M13)
E105	BR/16	: To (M14)
E106	GY/6	: To (M15)
E107	W/6	: Ignition switch
E108	W/8	: NATS IMMU
E109	BR/12	: Combination switch (Lighting switch)
E110	W/8	: Combination switch (Fog lamp switch)
E111	GY/12	: Combination switch (Wiper and washer switch)
E112	BR/20	: To (M75)
E121	W/16	: To (B101) (With ESP)
E122	B/2	: To (B102) (With ESP)
E123	W/20	: To (B103) (With ESP)
E124	W/8	: To (B104) (Without ESP)
E125	W/2	: Diode
E126	SMJ	: 4WD control unit (With ESP)
E127	SMJ	: 4WD/ABS control unit (Without ESP)
E128	W/2	: Diode
E129	W/2	: Diode
E130	BR/6	: Driving lamp relay-2

* : Be sure to connect and lock the connectors securely after repair work.

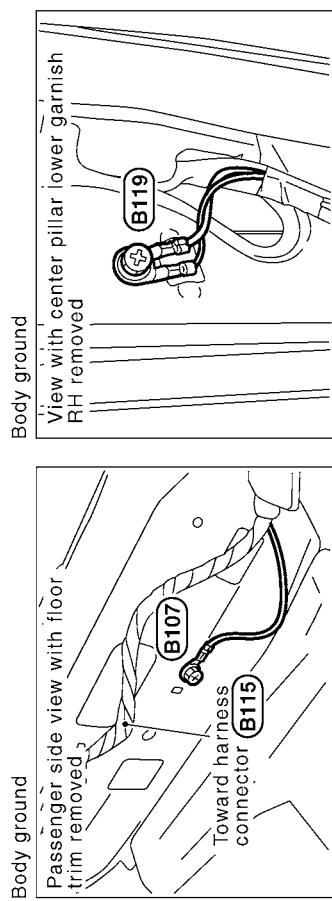
Failure to do so may cause the ECM to have diagnostic trouble codes.

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

HARNESS

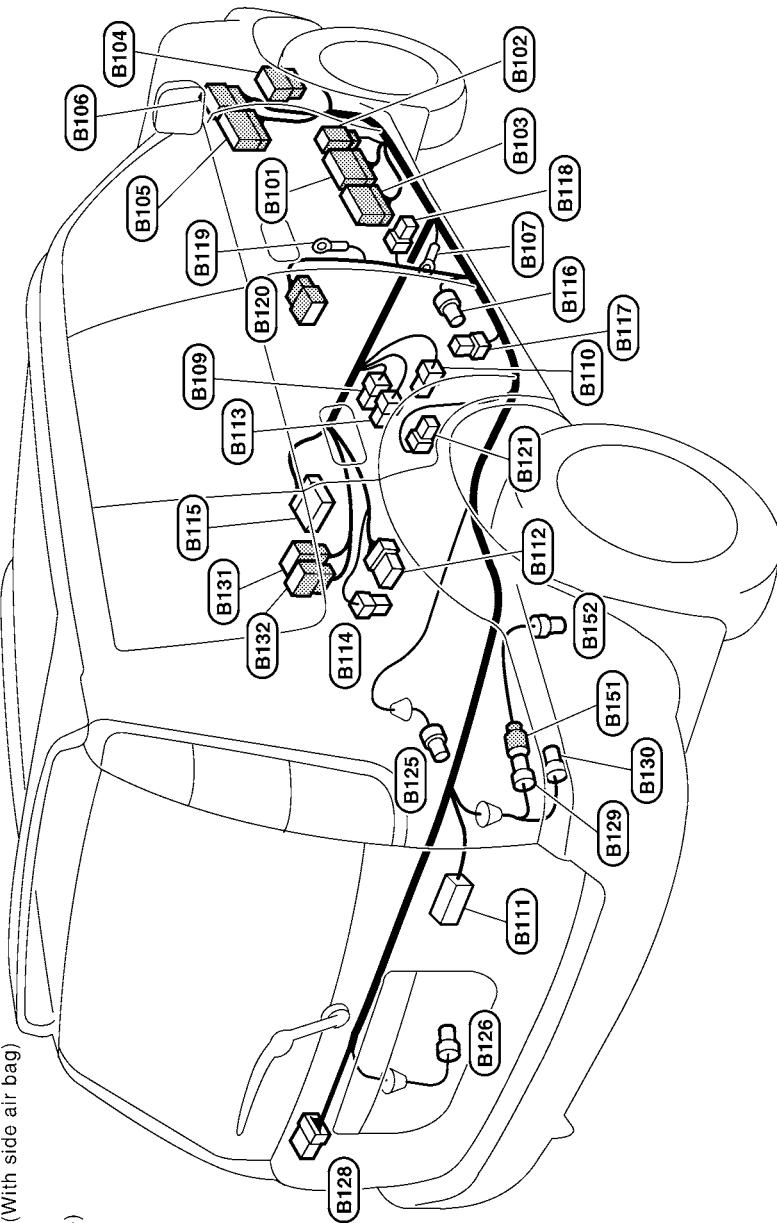
BODY NO.2 HARNESS/LHD MODELS

To ESM



(B101) W/16 : To (E117) (With ESP)
 (B102) B/2 : To (E118)
 (B103) W/20 : To (E119) (With ESP)
 (B104) W/8 : To (E120) (With ESP)
 (B105) W/12 : To (M78) (Without ESP)
 (B106) W/8 : To (M79)
 (B107) - : Body ground (With ESP)
 (B108) Y/2 : Front RH side air bag module (With side air bag)
 (B109) GY/3 : Heated seat RH (With heater seat)
 (B110) SMJ : ESP/TCS/ABS control unit
 (B111) B/6 : Yaw rate and G sensor
 (B112) W/3 : Seat belt buckle switch (Passenger side)
 (B113) B/1 : Parking brake switch
 (B114) Y/12 : Air bag diagnosis sensor unit
 (B115) Y/2 : RH side air bag (Satellite) sensor (With side air bag)
 (B116) Y/2 : Front RH seat belt pre-tensioner
 (B117) W/3 : Front door switch (Passenger side)
 (B118) - : Body ground
 (B119) W/8 : To (D21)
 (B120) W/1 : Rear door switch RH
 (B121) GY/4 : Sub fuel level sensor unit
 (B122) BR/2 : Rear wheel sensor LH
 (B123) W/6 : To (B22)
 (B124) B/2 : To (B15)
 (B125) GY/2 : Rear wheel sensor RH
 (B126) W/6 : Heated seat switch LH
 (B127) BR/6 : Heated seat switch RH
Transmission sub-harness
 (B128) B/2 : To (B129)
 (B129) GY/2 : 4WD solenoid valve

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

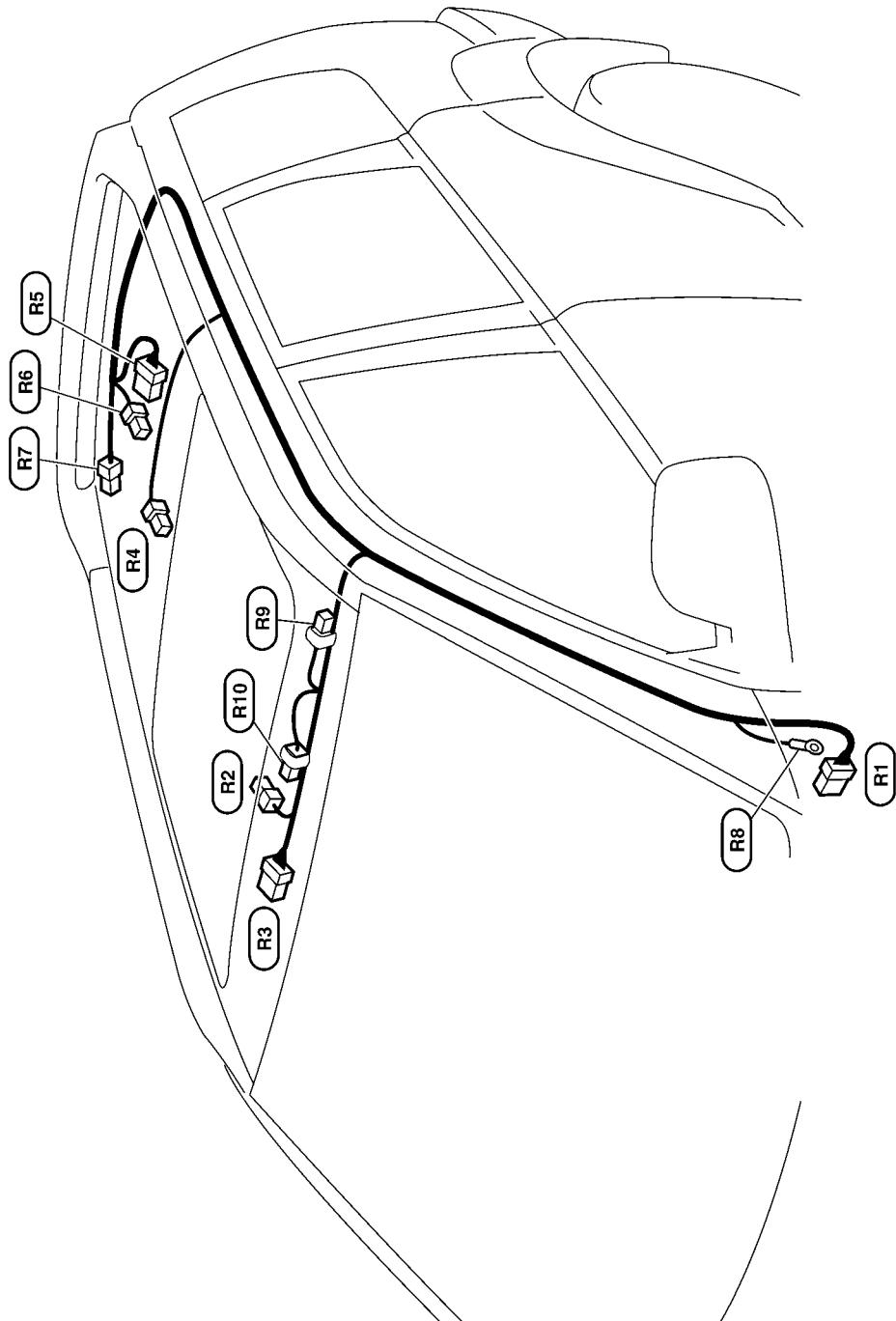


HARNESS

ROOM LAMP HARNESS

To ESM

(R1) W/8	: To (M73)	(W/1) : Sunroof motor assembly
(R2) W/2	: Spot lamp	(W/2) : Luggage room lamp
(R3) GY/6	: Sunroof switch	(R7) - : Body ground
(R4) W/2	: Interior room lamp	(R9) GY/2 : Driving lamp LH
(R5) W/6	: Sunroof motor assembly	(R10) W/3 : Driving lamp RH



TKIA0055E

ELECTRICAL UNITS LOCATION

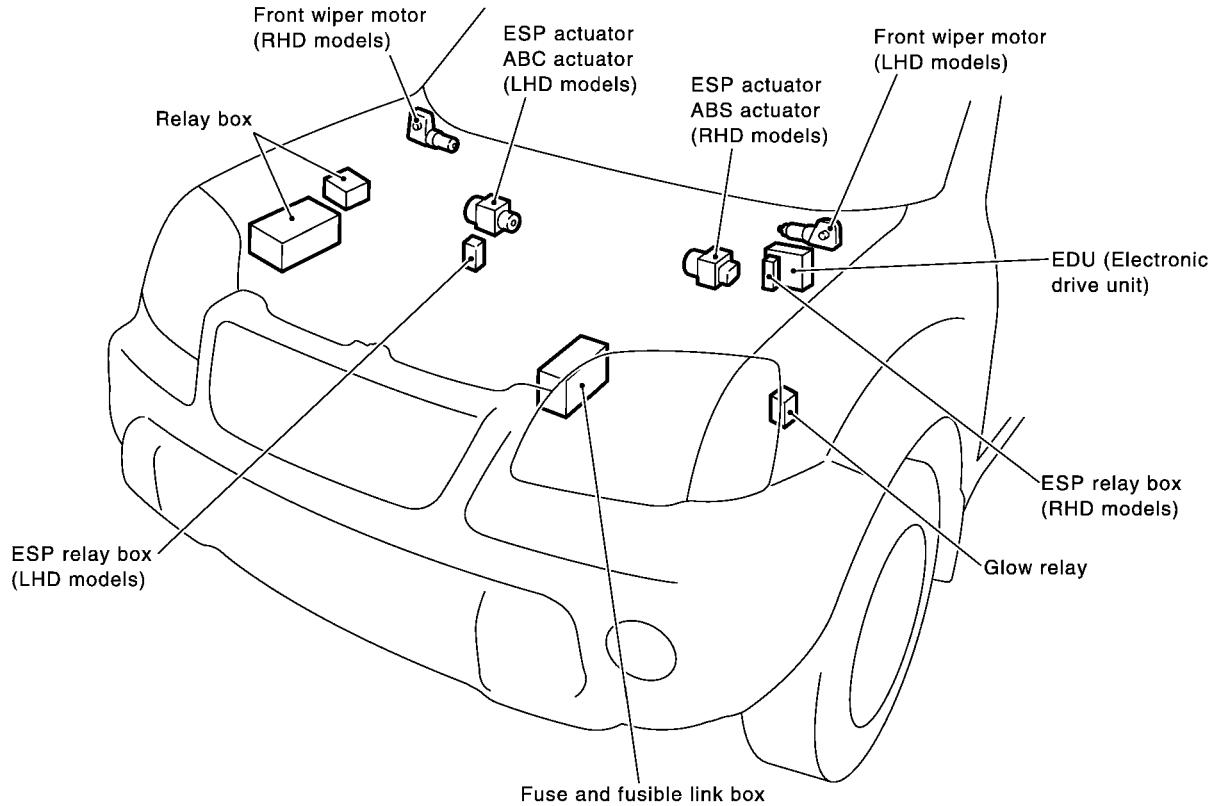
ELECTRICAL UNITS LOCATION

PFP:25230

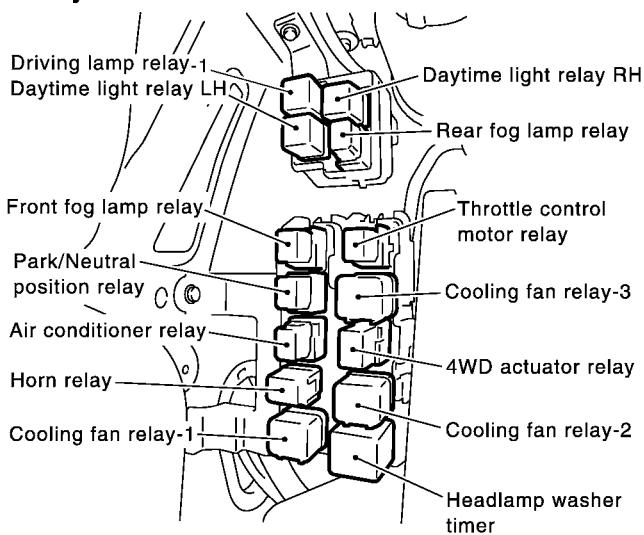
Electrical Units Location ENGINE COMPARTMENT

To ESM

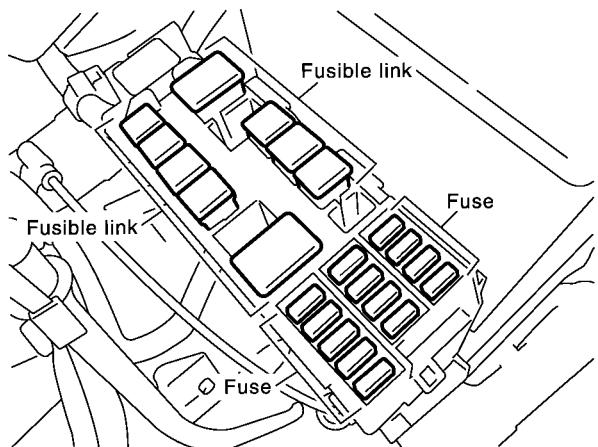
EKS0032K



Relay box



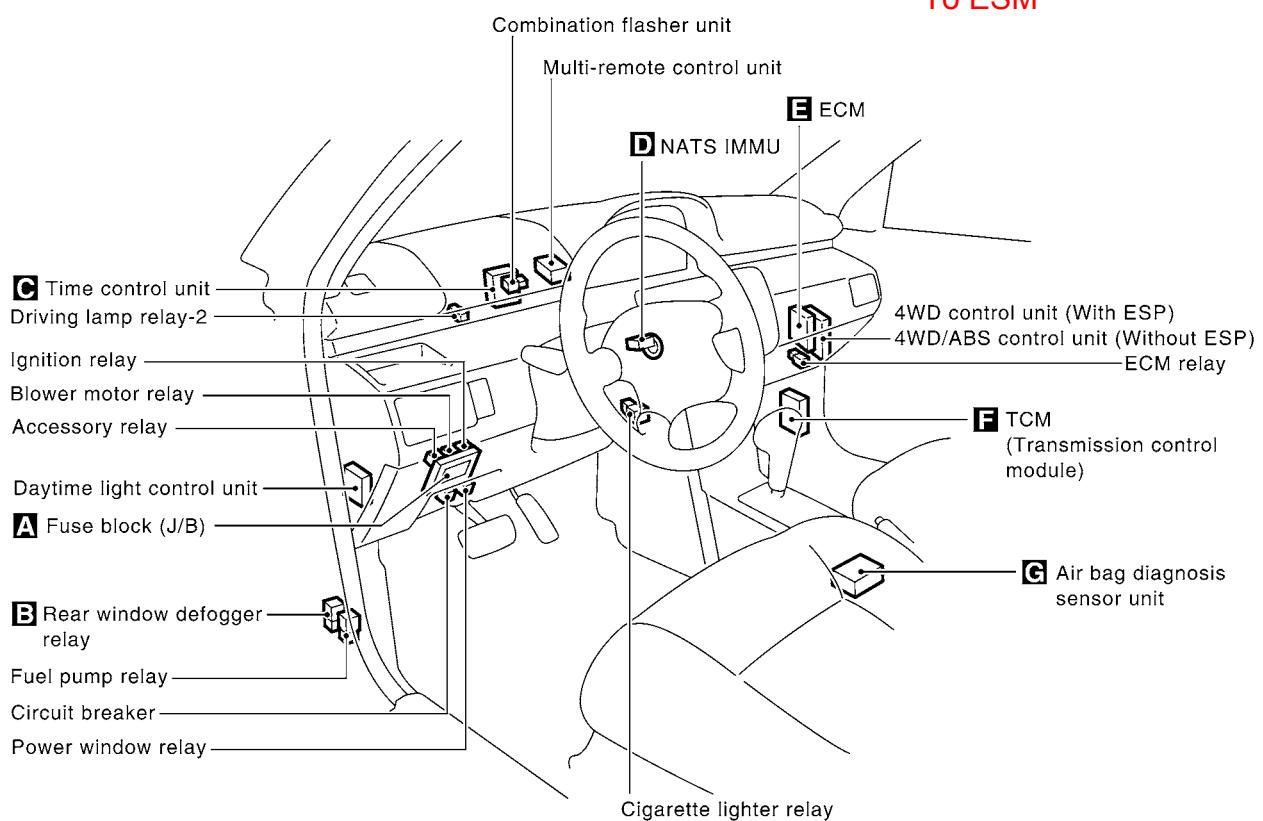
Fuse and fusible link box



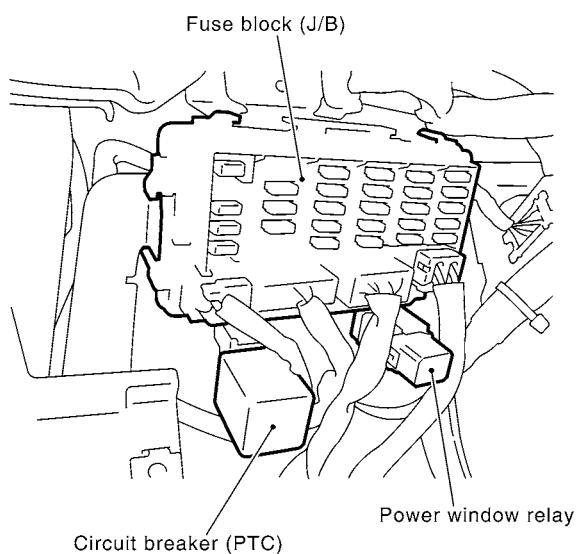
ELECTRICAL UNITS LOCATION

PASSENGER COMPARTMENT/LHD MODELS

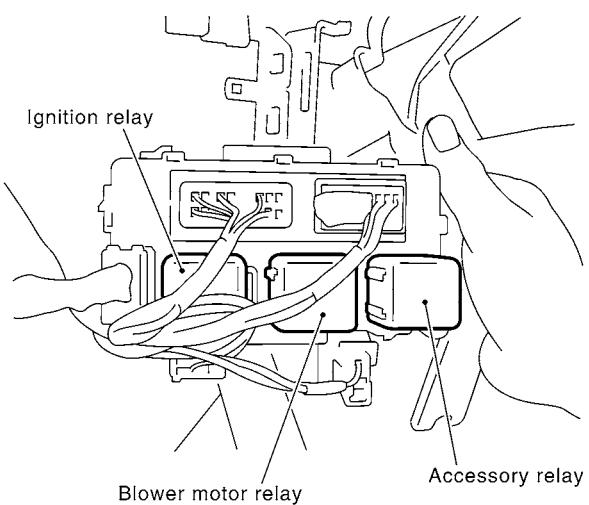
To ESM



A Instrument panel LH



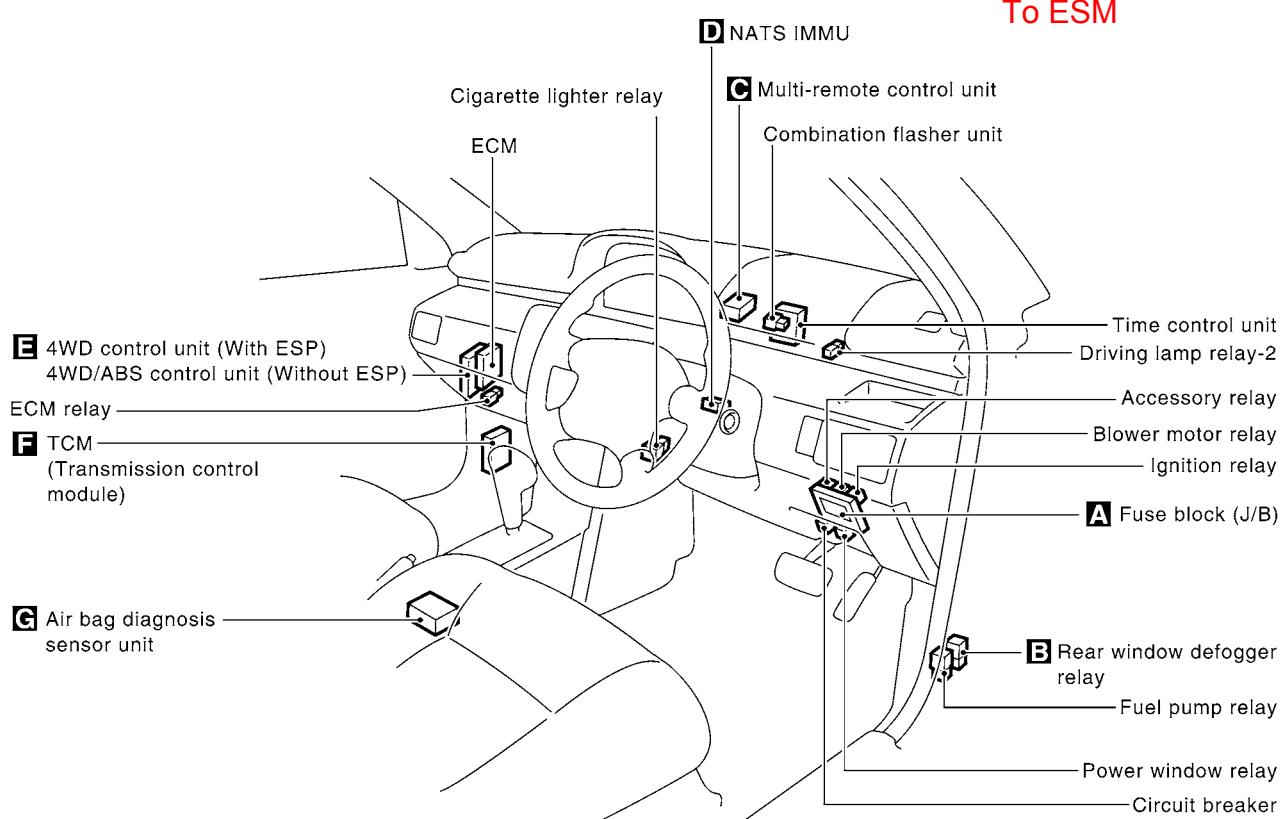
Back of the fuse block (J/B)



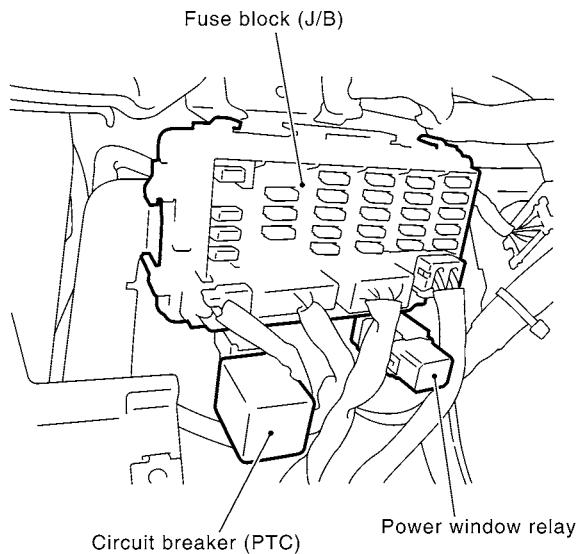
CKIA0306E

ELECTRICAL UNITS LOCATION

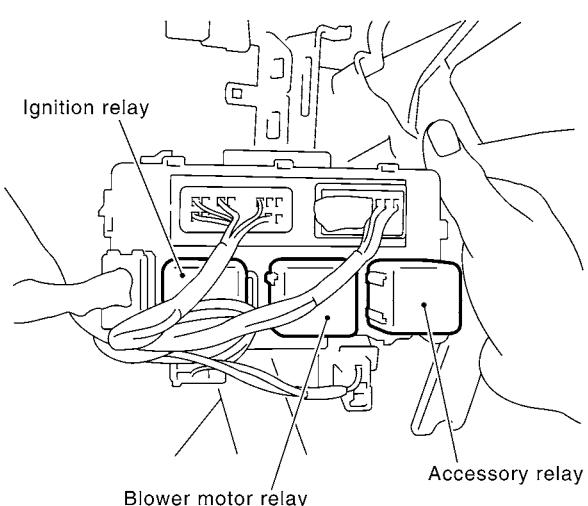
PASSENGER COMPARTMENT/RHD MODELS



A Instrument panel RH



Back of the fuse block (J/B)



CKIA0307E

FUSE AND FUSIBLE LINK BOX

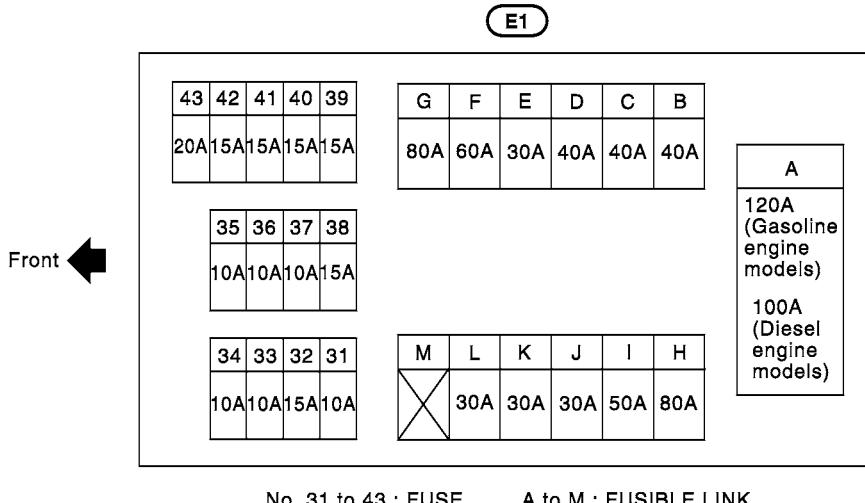
FUSE AND FUSIBLE LINK BOX

PFP:24381

Terminal Arrangement

To ESM

EKS0032G



No. 31 to 43 : FUSE A to M : FUSIBLE LINK

CKIA0303E