

SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

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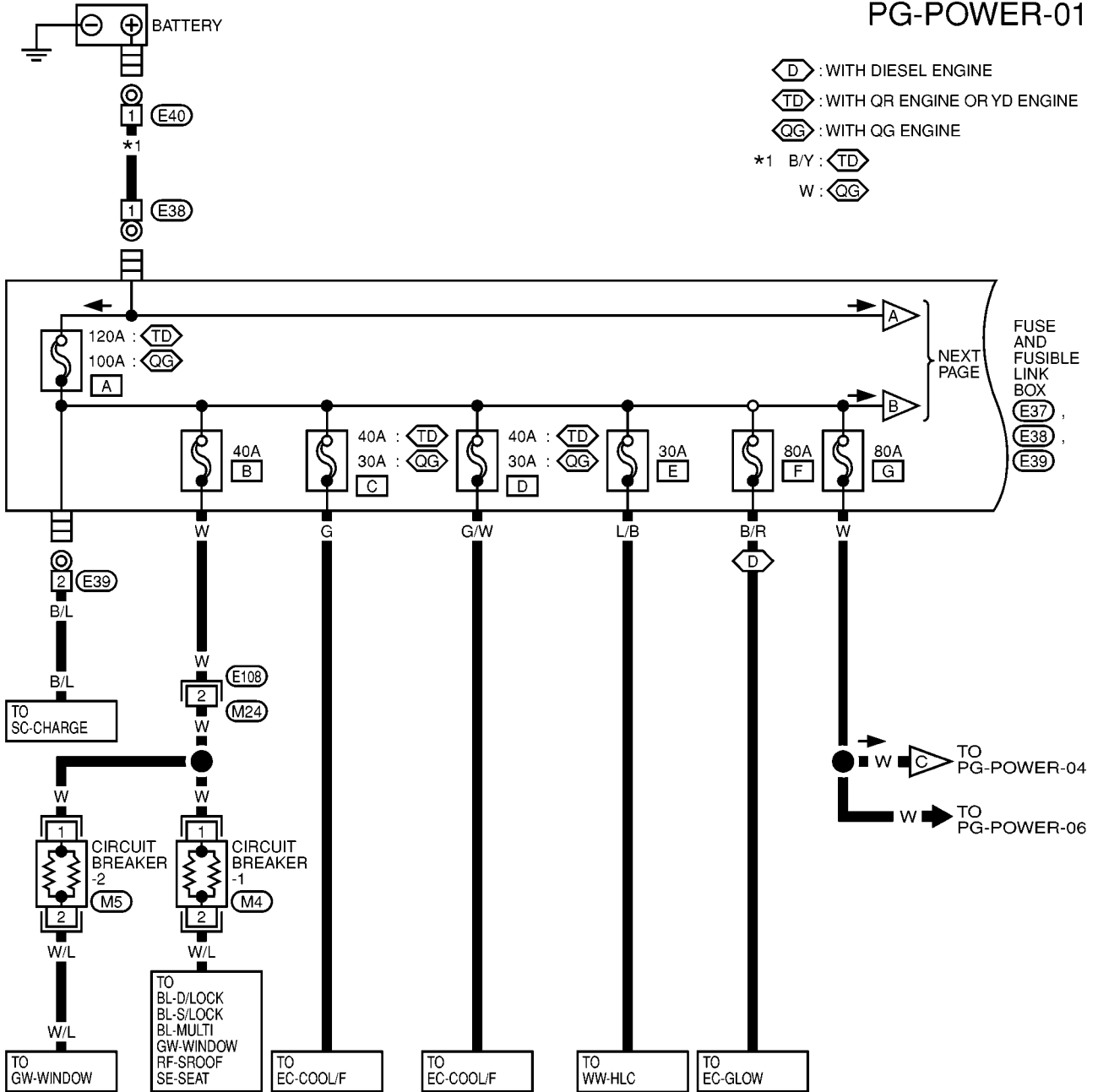
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POWER SUPPLY ROUTING

EKS0044A

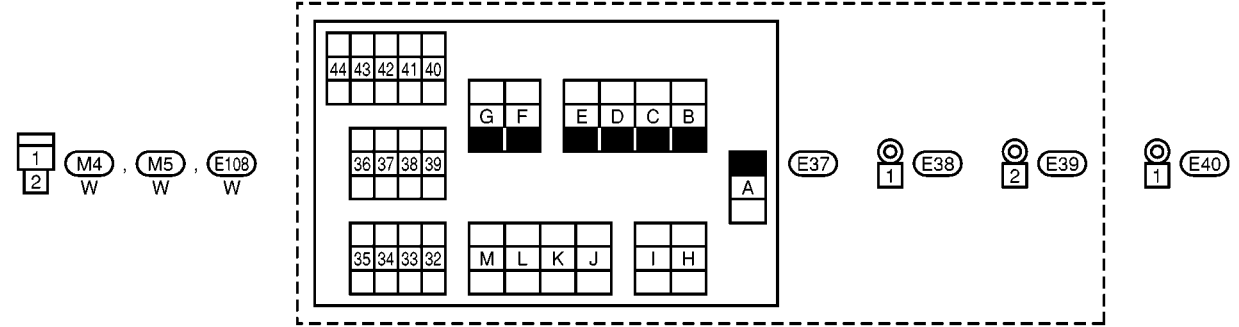
Wiring Diagram — POWER — BATTERY POWER SUPPLY — IGNITION SW. IN ANY POSITION

PG-POWER-01



- ◇ : WITH DIESEL ENGINE
- ◇ : WITH QR ENGINE OR YD ENGINE
- ◇ : WITH QG ENGINE
- *1 B/Y: ◇
- W: ◇

FUSE AND FUSIBLE LINK BOX
NEXT PAGE
E37
E38
E39



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POWER SUPPLY ROUTING

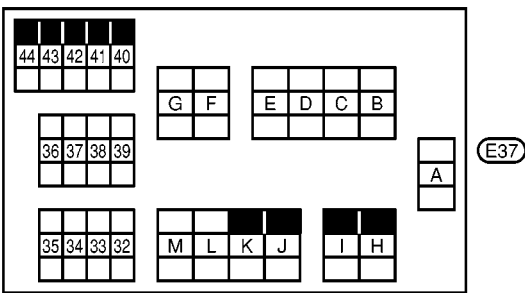
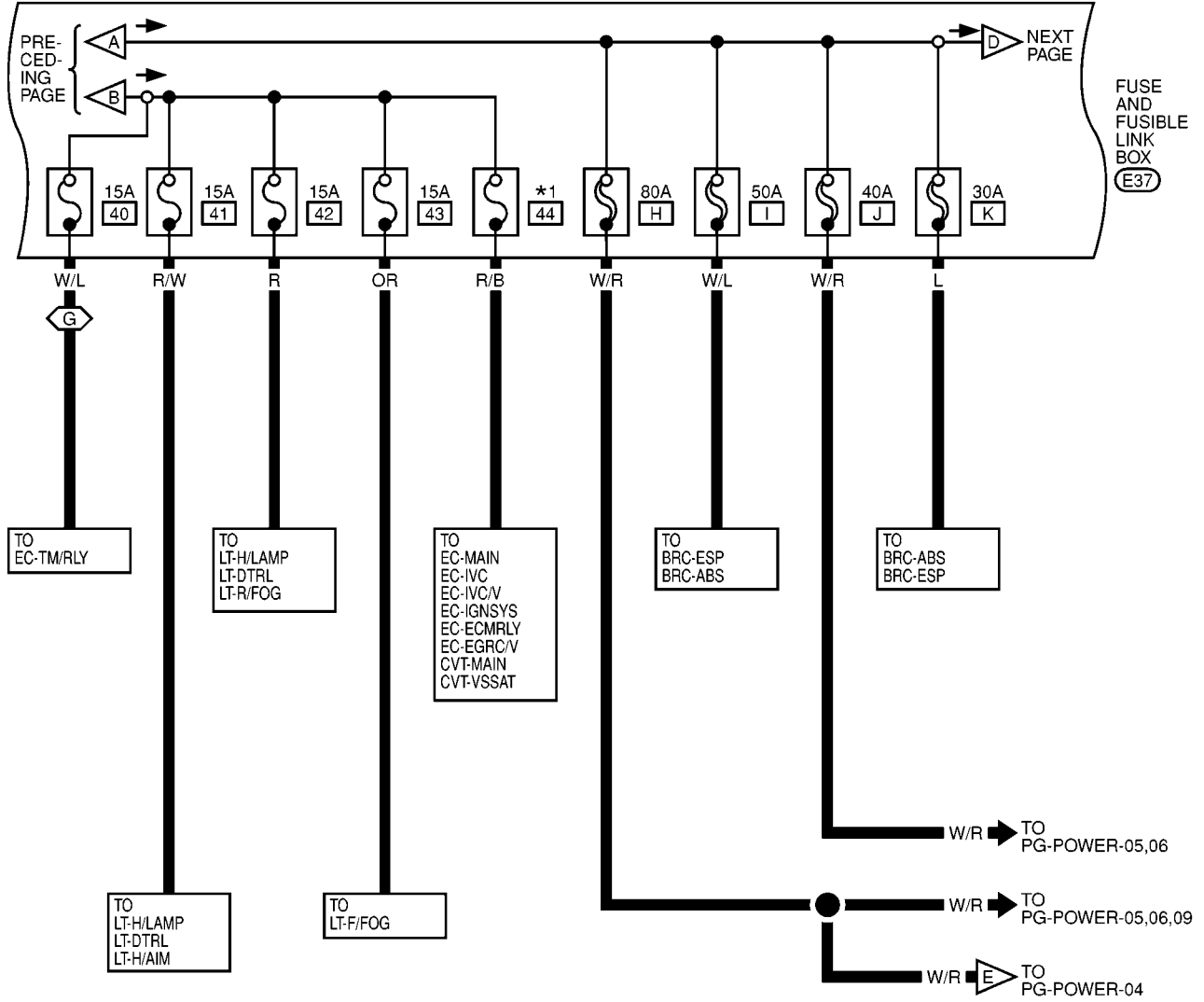
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⬡ G : WITH GASOLINE ENGINE

⬡ D : WITH DIESEL ENGINE

*1 20A : ⬡ G

10A : ⬡ D



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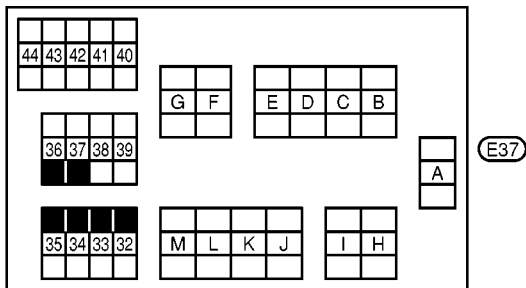
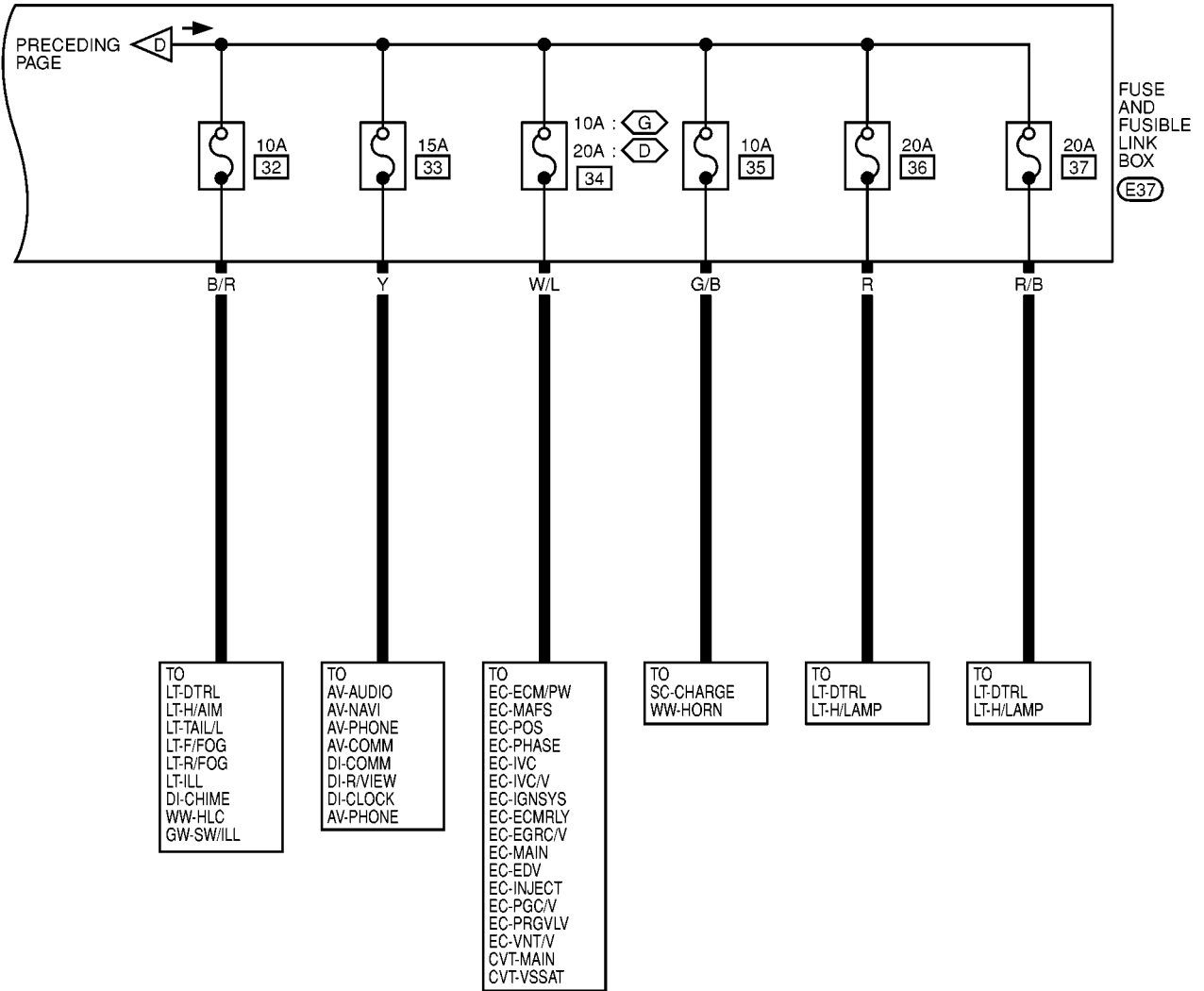
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POWER SUPPLY ROUTING

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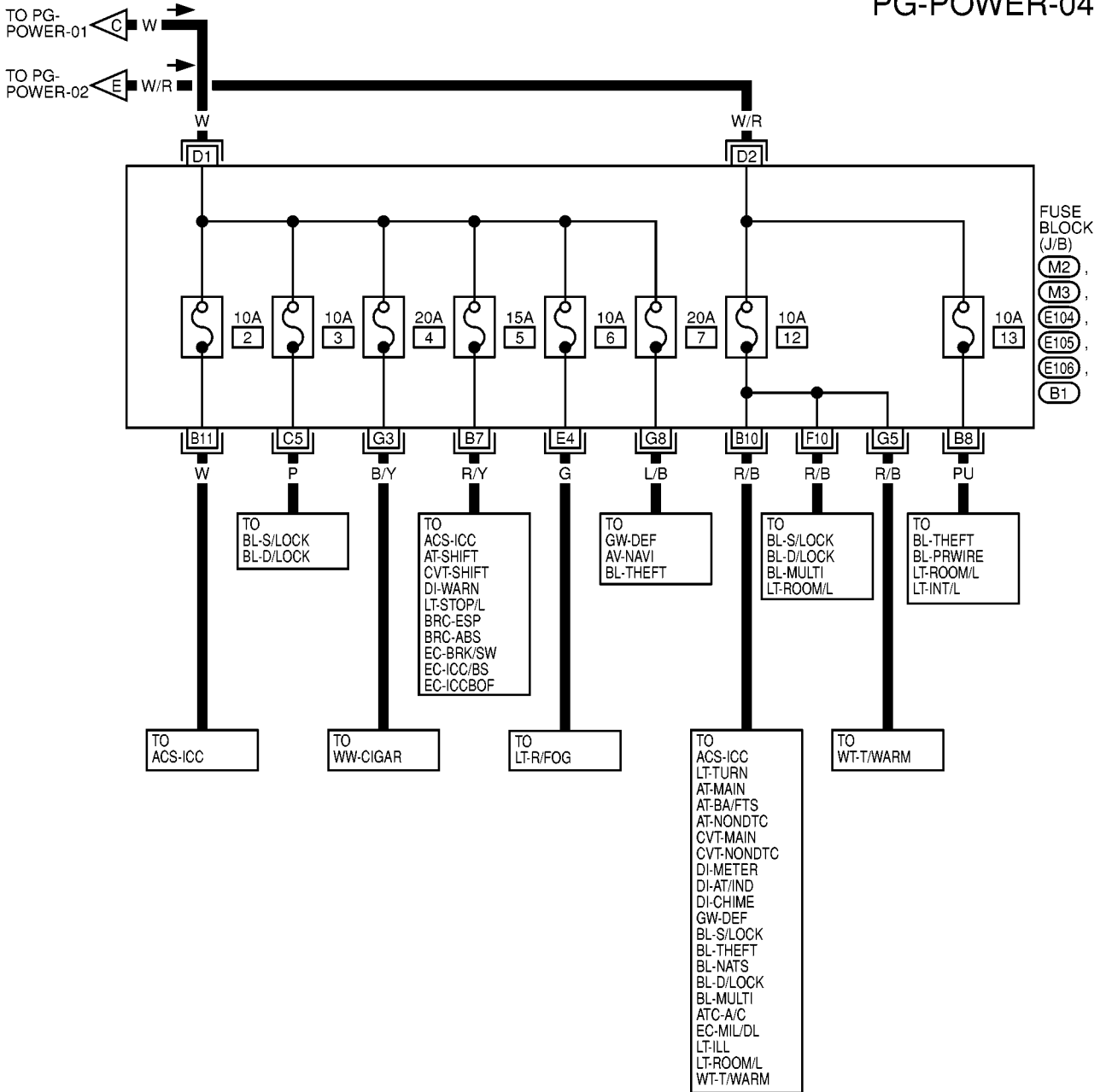
⬡ : WITH GASOLINE ENGINE
 ⬡ : WITH DIESEL ENGINE



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POWER SUPPLY ROUTING

PG-POWER-04



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REFER TO THE FOLLOWING.

(M2), (M3), (E104),
(E105), (E106), (B1)

-FUSE BLOCK-JUNCTION BOX (J/B)

1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16			17	18	19	20
21	22	23	24	25	26	27	28	29	30	31

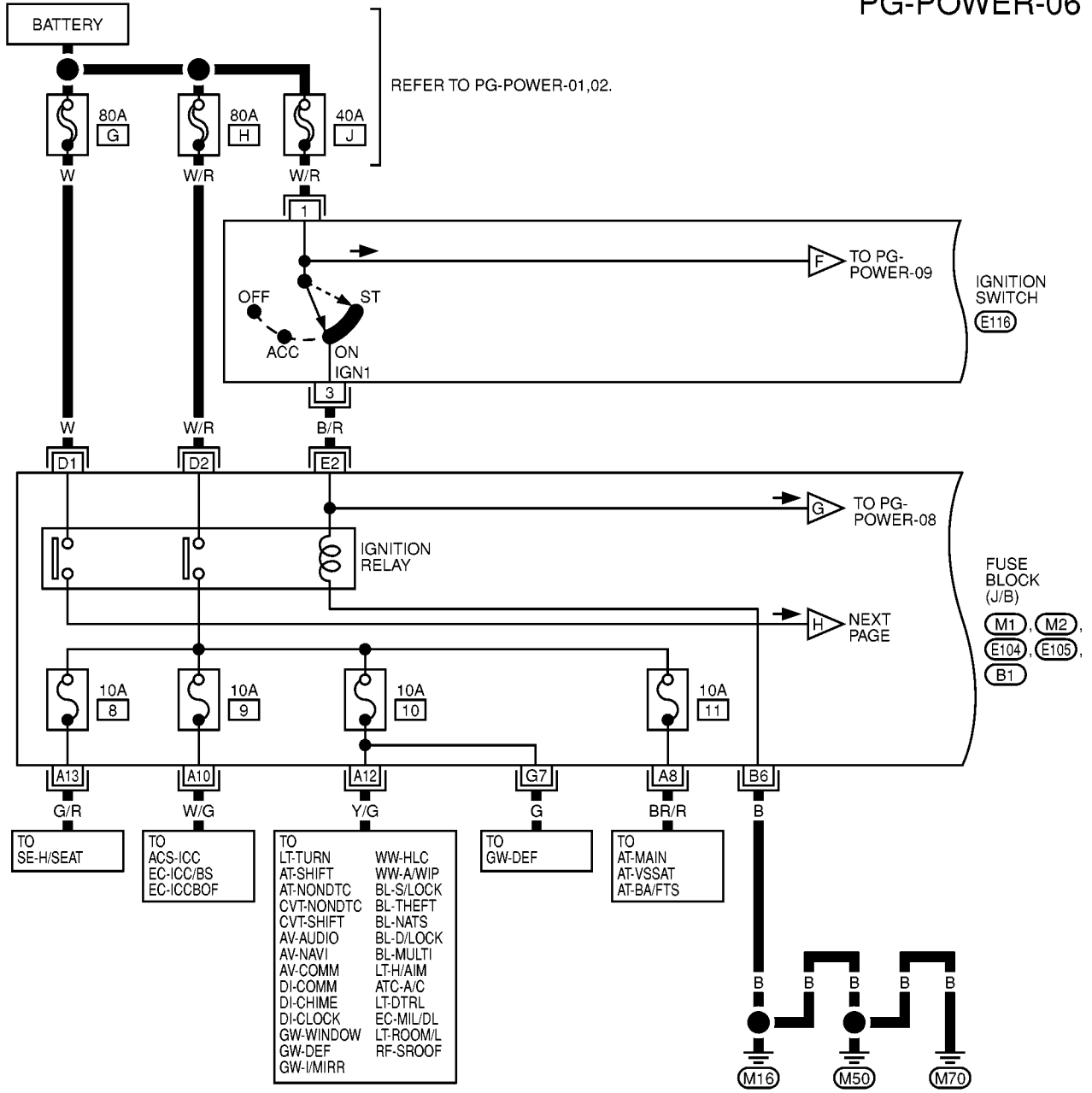
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POWER SUPPLY ROUTING

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

PG-POWER-06



3	5	1
4	2	6

E116
W

REFER TO THE FOLLOWING.

M1, M2, E104, E105,
B1

-FUSE BLOCK-JUNCTION BOX (J/B)

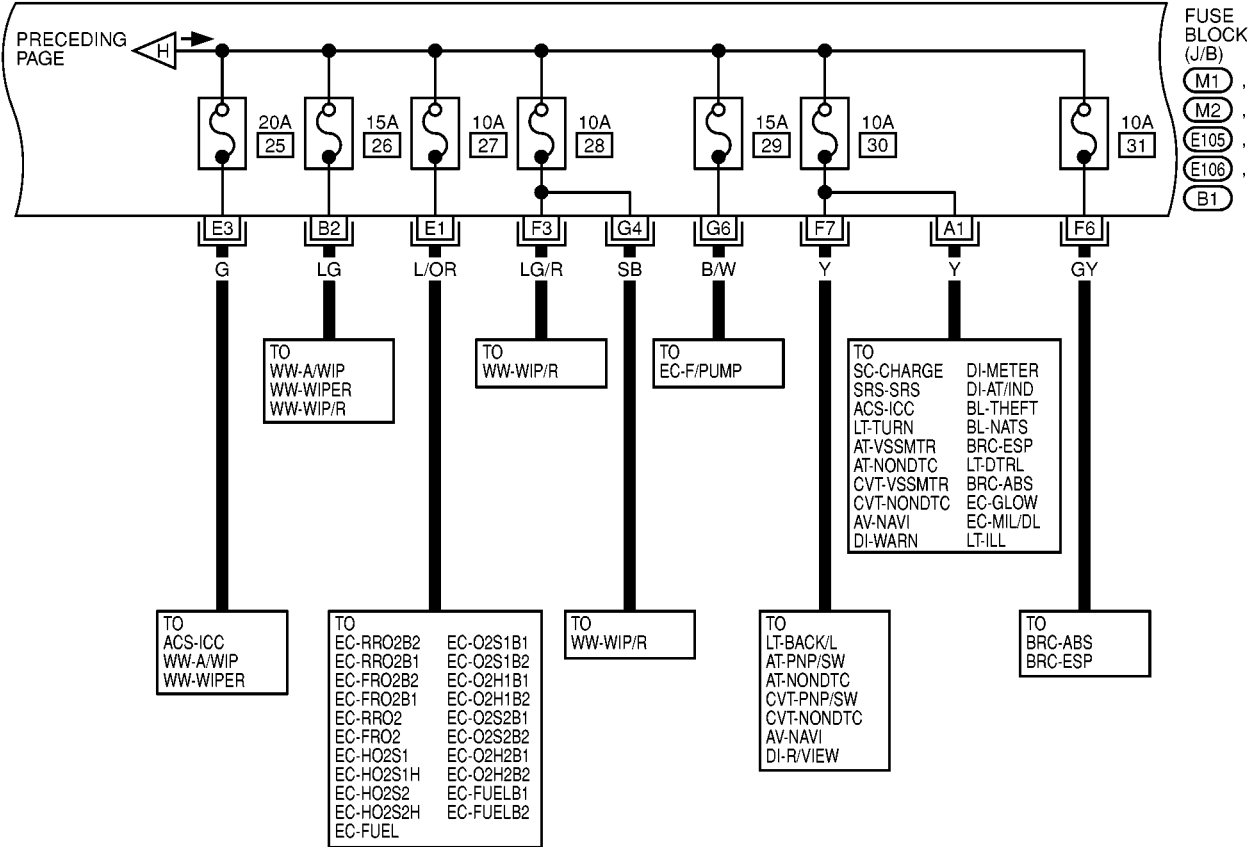
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12	13	14	15	16			17	18	19	20
21	22	23	24	25	26	27	28	29	30	31



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POWER SUPPLY ROUTING

PG-POWER-07



REFER TO THE FOLLOWING.

(M1), (M2), (E105), (E106),
 (B1)

-FUSE BLOCK-JUNCTION BOX (J/B)

1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16			17	18	19	20
21	22	23	24	25	26	27	28	29	30	31

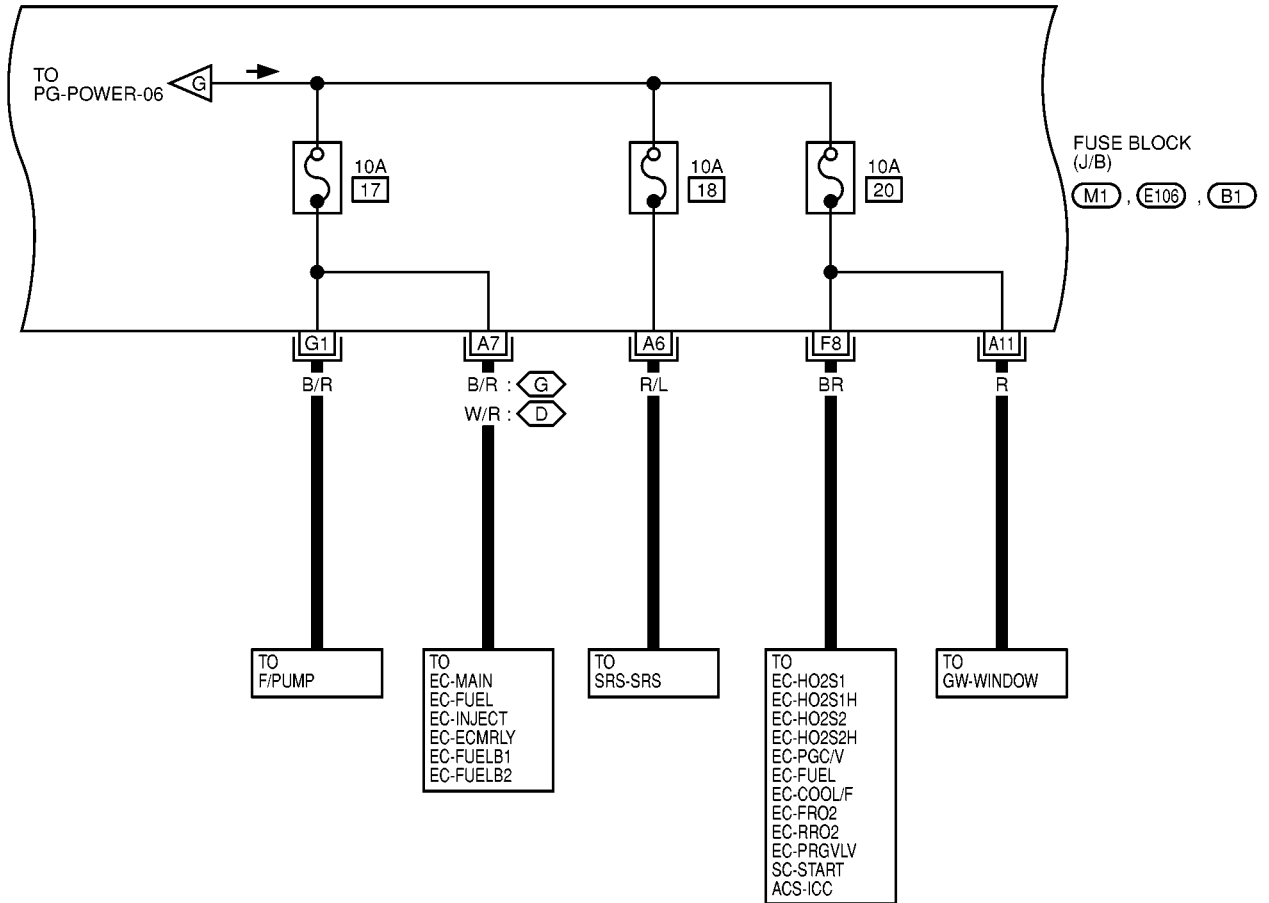


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POWER SUPPLY ROUTING

PG-POWER-08

G : WITH GASOLINE ENGINE
D : WITH DIESEL ENGINE



REFER TO THE FOLLOWING.

M1, E106, B1
 -FUSE BLOCK-JUNCTION BOX (J/B)

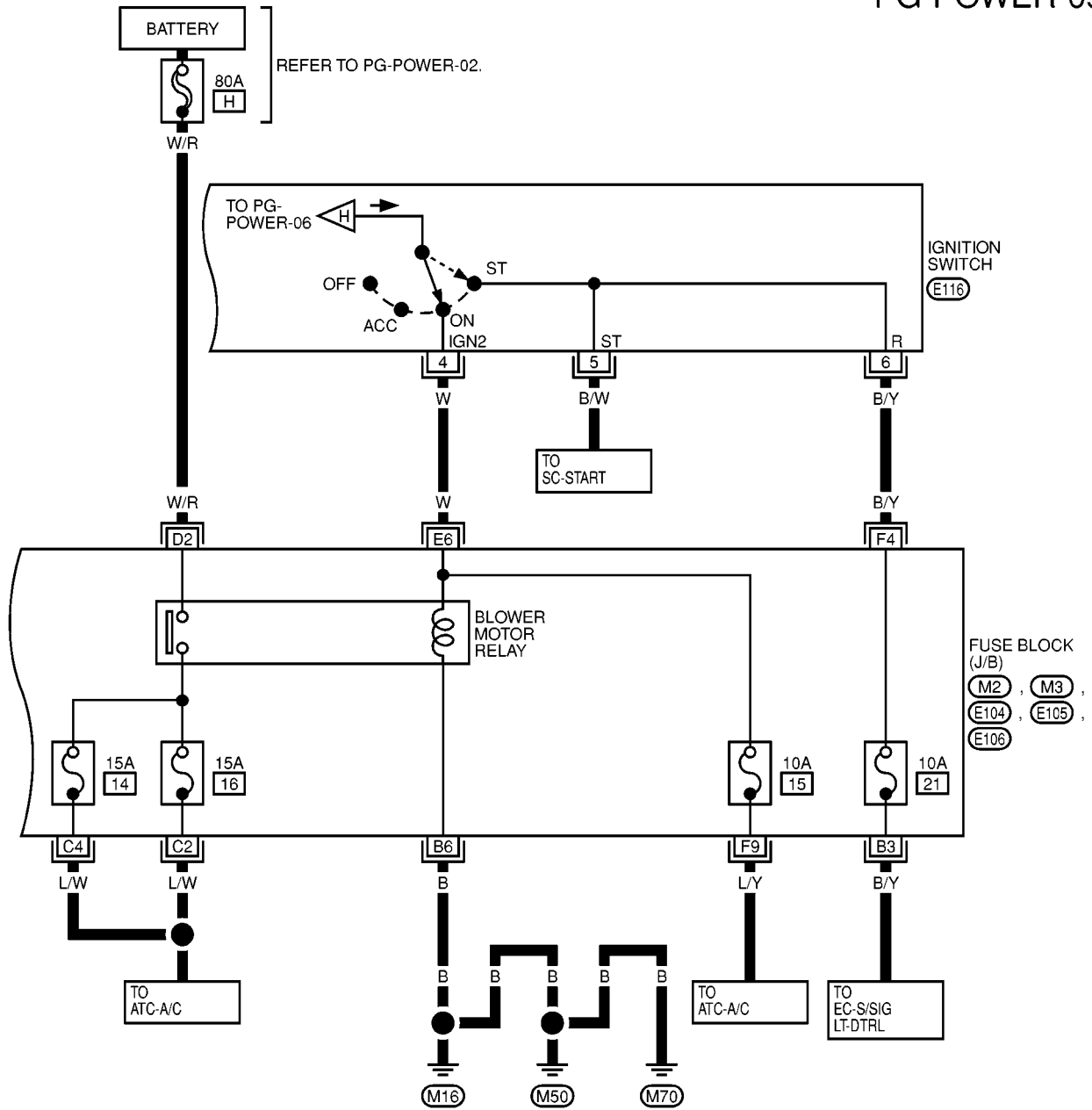
1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16			17	18	19	20
21	22	23	24	25	26	27	28	29	30	31



MKWA0217E

POWER SUPPLY ROUTING

PG-POWER-09



3	5	1	E116 W
4	2	6	

REFER TO THE FOLLOWING.

M2, M3, E104, E105, E106

- FUSE BLOCK-JUNCTION BOX (J/B)

1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16			17	18	19	20
21	22	23	24	25	26	27	28	29	30	31



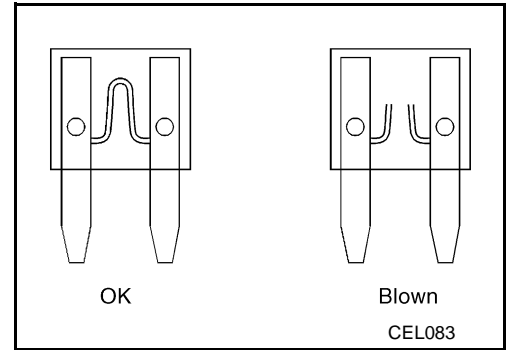
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POWER SUPPLY ROUTING

Fuse

EKS0044B

- 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.



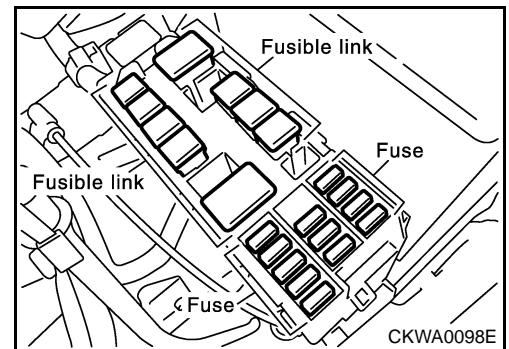
Fusible Link

EKS0044C

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:

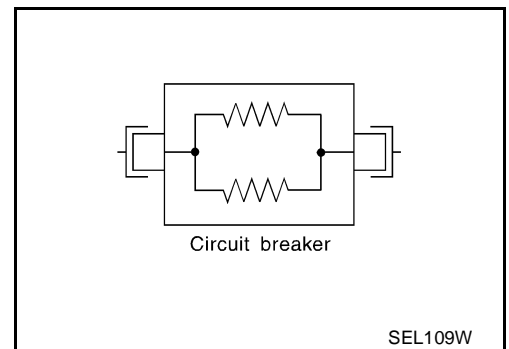
- If fusible link should melt, it is possible that critical circuit (power supply or large current carrying circuit) is shorted. In such a case, carefully check and eliminate cause of incident.
- Never wrap outside of fusible link with vinyl tape. Important: Never let fusible link touch any other wiring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



Circuit Breaker

EKS0044D

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.



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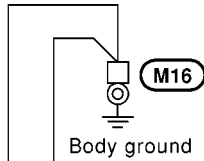
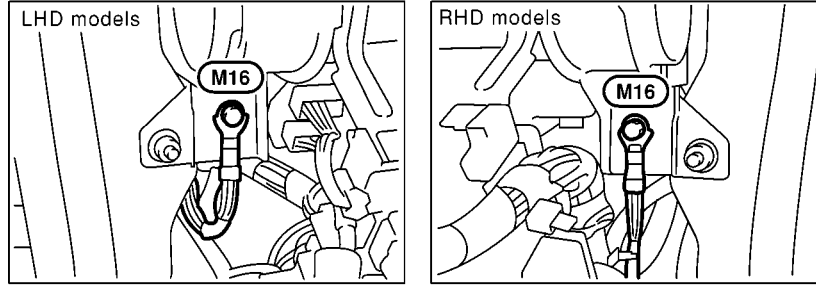
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Ground Distribution

EKS0044E

GROUND

MAIN HARNESS



CON-NECTOR NUMBER	CONNECT TO
M2	Fuse block (J/B) • Accessory relay • Blower motor relay • Ignition relay
M6	ICC brake hold relay
M7	Door mirror remote control switch
M9	Power window relay
M10	Data link connector (Terminal No. 4)
M10	Data link connector (Terminal No. 5) (With gasoline engine)
M48	Hazard switch (Terminal No. 3) • Switch
M54	AV and NAVI control unit (Terminal No. 1)
M54	AV and NAVI control unit (Terminal No. 4)
M56	Cigarette lighter socket
M65	A/T device (Terminal No. 4) (With A/T) • Illumination
M65	A/T device (Terminal No. 6) (With A/T) • Park position switch • Shift lock solenoid
M66	A/T device (Terminal No. 2) (With CVT) • Illumination
M66	A/T device (Terminal No. 3) (With CVT) • Park position switch • Shift lock solenoid
M69	Air bag diagnosis sensor unit (Terminal No. 2)

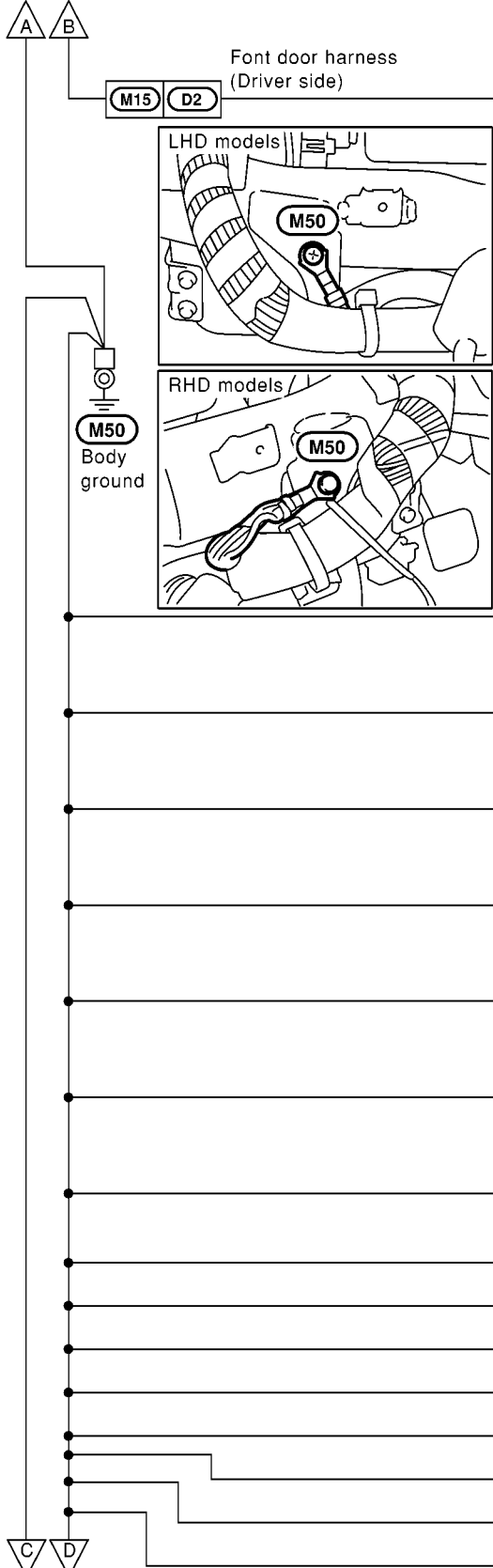
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CON-NECTOR NUMBER	CONNECT TO
D3	Door mirror actuator (Driver side) • Door mirror defogger
D5	Front power window regulator and control unit
D6	Power window main switch

CON-NECTOR NUMBER	CONNECT TO
M36	Combination meter (Terminal No. 23) (LHD models) • Unified meter control unit
M36	Combination meter (Terminal No. 11) (RHD models) • Unified meter control unit
M36	Combination meter (Terminal No. 24) (LHD models) • Unified meter control unit
M37	Combination meter (Terminal No. 32) (RHD models) • Unified meter control unit
M37	Combination meter (Terminal No. 33) (LHD models) • Unified meter control unit
M37	Combination meter (Terminal No. 45) (LHD models) • Unified meter control unit
M37	Combination meter (Terminal No. 46) (RHD models) • Unified meter control unit
M40	Air mix door motor
M43	Smart entrance control unit
M44	Mode door motor
M45	Fan control amp.
M73	Intake door motor
M76	Auto A/C amp.
M88	After market alarm
M93	Dongle unit (RHD models)

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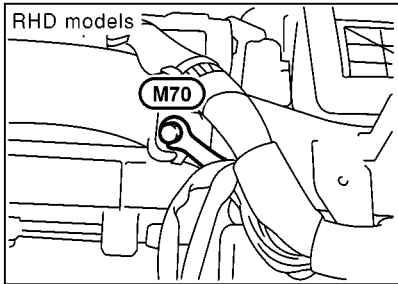
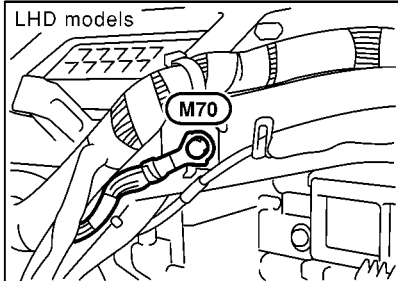
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GROUND

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Console harness



Body ground

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CON-NECTOR NUMBER	CONNECT TO
M102	Door lock/unlock switch • Switch • Illumination
M103	Heated seat switch RH (Terminal No. 4) • Switch
M103	Heated seat switch RH (Terminal No. 6) • Illumination
M104	Heated seat switch LH (Terminal No. 4) • Switch
M104	Heated seat switch LH (Terminal No. 6) • Illumination

CON-NECTOR NUMBER	CONNECT TO
M8	ESP off switch (Terminal No. 2) • Switch
M8	ESP off switch (Terminal No. 4) • Illumination
M33	Steering angle sensor
M35	Seat belt warning lamp (Drive side)
M36	Combination meter (Terminal No. 8) (RHD models) • High beam indicator
M36	Combination meter (Terminal No. 21) (LHD models) • High beam indicator
M36	Combination meter (Terminal No. 10) (RHD models) • Unified meter control unit
M36	Combination meter (Terminal No. 12) (RHD models) • Unified meter control unit
M36	Combination meter (Terminal No. 25) (LHD models) • Unified meter control unit
M48	Hazard switch (Terminal No. 8) • Illumination
M49	Multifunction switch
M57	Ashtray illumination

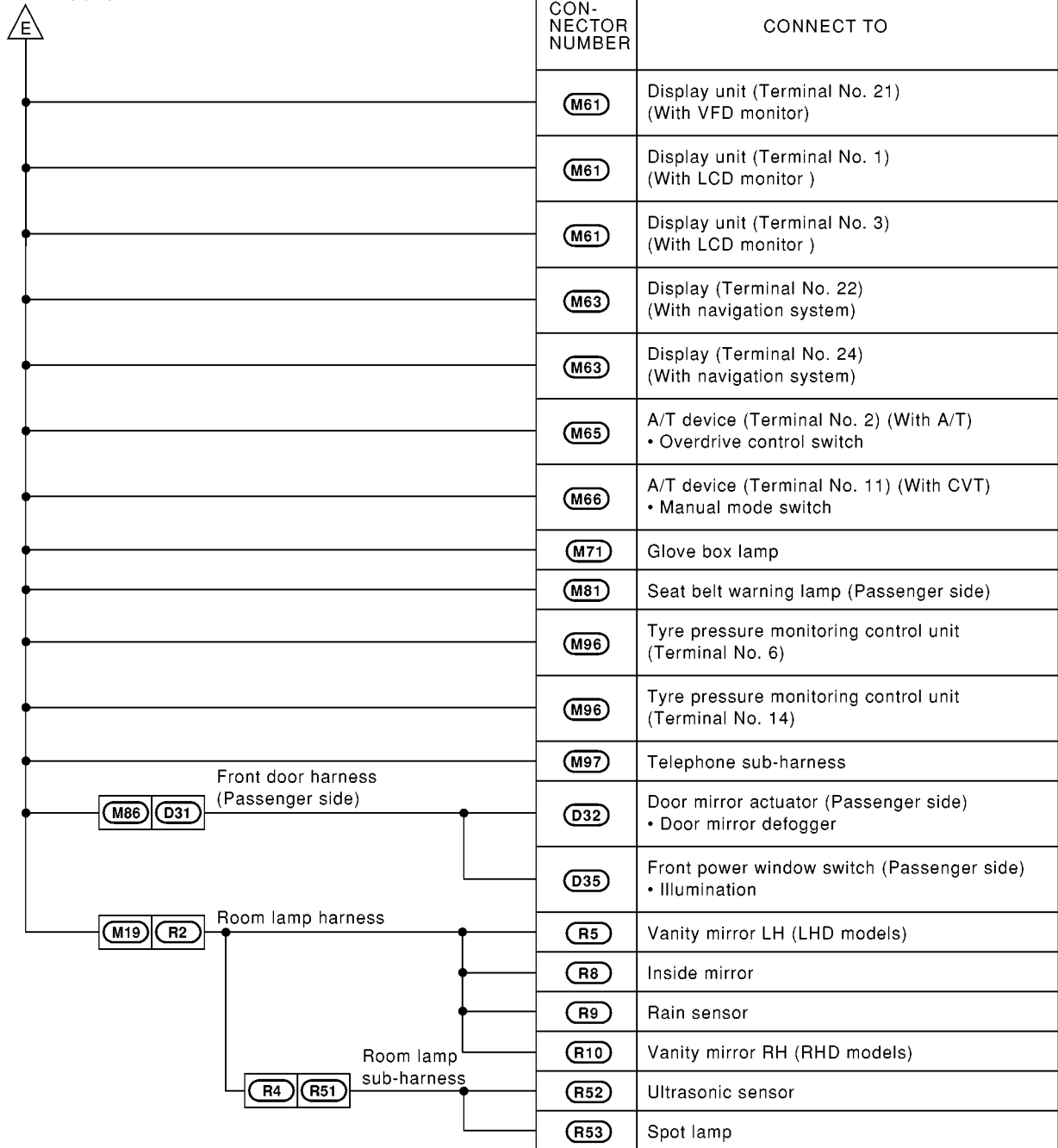
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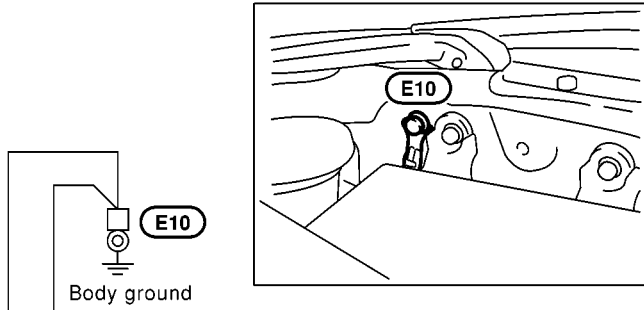
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MKWA0279E

GROUND

ENGINE ROOM HARNESS



Body ground

CON-NECTOR NUMBER	CONNECT TO
E1	Side turn signal lamp RH
E3	Brake fluid level switch (RHD models)
E7	Washer level switch
E12	Cooling fan relay-2 (LHD models with QR or YD engine)
E14	Headlamp LH relay (Xenon type)
E16	Cooling fan relay-4 (LHD models with QR or YD engine)
E20	Headlamp RH relay (Xenon type)
E22	Front fog lamp relay
E24	Front combination lamp RH <ul style="list-style-type: none"> • Parking lamp • Turn signal lamp
E25	Headlamp aiming motor RH
E26	Headlamp RH (Terminal No. 2) (Xenon type)
E27	Daytime light relay (With daytime light system)
E44	Cooling fan motor-1 (LHD models with QG engine)
E47	Headlamp LH (Conventional type)
E47	Headlamp LH (Terminal No. 3) (Xenon type)
E52	Front fog lamp LH
E103	Headlamp aiming switch (Manual type)
E112	Combination switch (Terminal No. 17) (RHD models) <ul style="list-style-type: none"> • Front wiper switch
E112	Combination meter (Terminal No. 24) (RHD models) <ul style="list-style-type: none"> • Rear wiper switch
E115	Combination switch <ul style="list-style-type: none"> • Turn signal switch



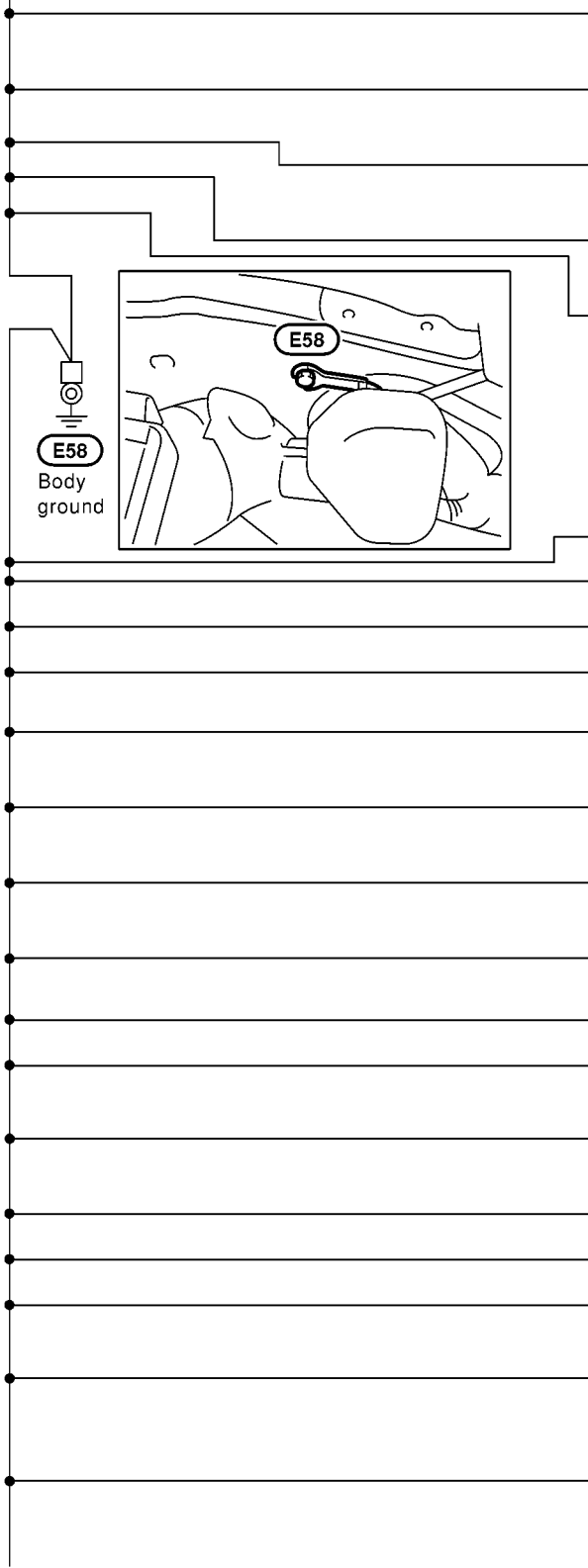
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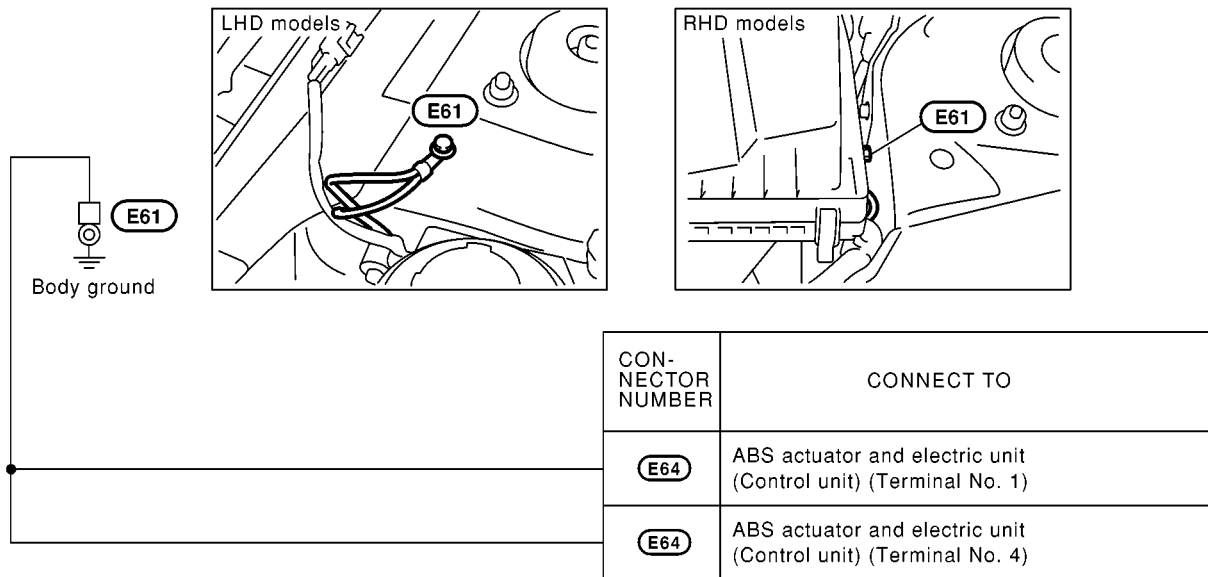
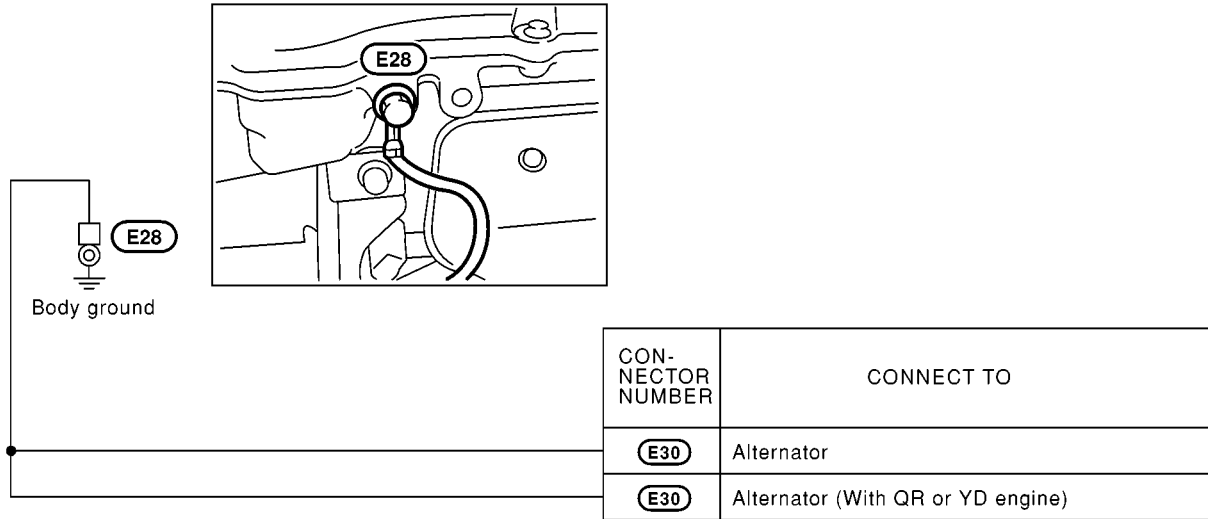
E58
Body ground

CON-NECTOR NUMBER	CONNECT TO
E12	Cooling fan relay-2 (RHD models with QR or YD engine)
E16	Cooling fan relay-4 (RHD models with QR or YD engine)
E41	Cooling fan motor-2 (LHD models with QR or YD engine)
E42	Cooling fan motor-2 (LHD models with QG engine)
E44	Cooling fan motor-1 (RHD models with QG engine)

CON-NECTOR NUMBER	CONNECT TO
E3	Brake fluid level switch (LHD models)
E6	Front fog lamp RH
E23	Front wiper motor
E26	Headlamp RH (Conventional type)
E26	Headlamp RH (Terminal No. 3) (Xenon type)
E41	Cooling fan motor-2 (RHD models with QR or YD engine)
E42	Cooling fan motor-2 (RHD models with QG engine)
E47	Headlamp LH (Terminal No. 2) (Xenon type)
E49	Hood switch
E50	Headlamp aiming motor LH
E51	Front combination lamp LH • Parking lamp • Turn signal lamp
E53	ICC sensor
E59	Side turn signal lamp LH
E102	Rear fog lamp relay
E112	Combination switch (Terminal No. 17) (LHD models) • Front wiper switch
E112	Combination switch (Terminal No. 24) (LHD models) • Rear wiper switch
E122	Daytime light control unit (With daytime light system)

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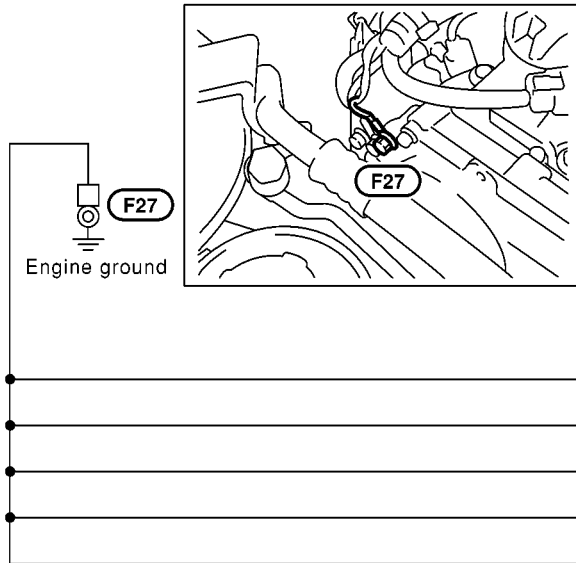
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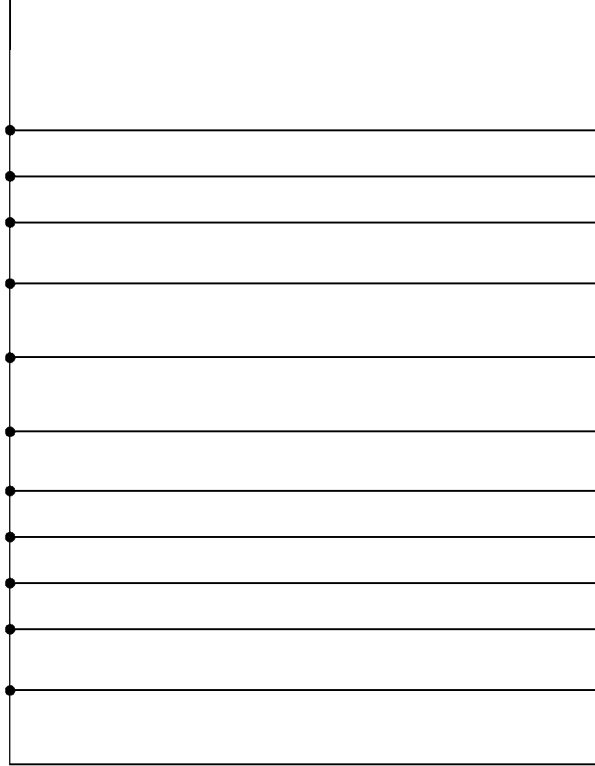
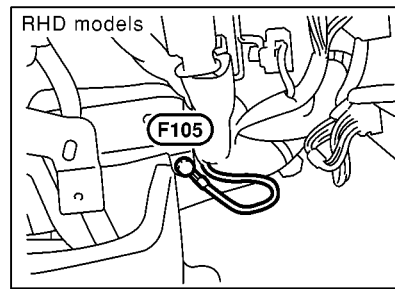
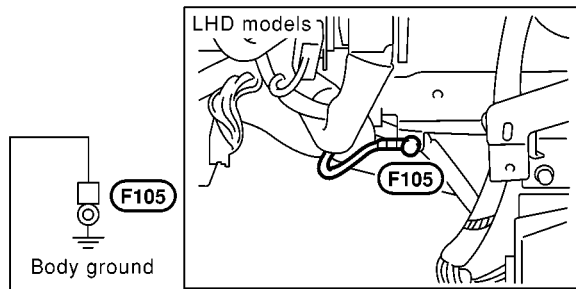
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GROUND

ENGINE CONTROL HARNESS/QR ENGINE MODELS



CON-NECTOR NUMBER	CONNECT TO
F1	Condenser
F26	Ignition coil No. 1
F28	Ignition coil No. 2
F29	Ignition coil No. 3
F30	Ignition coil No. 4

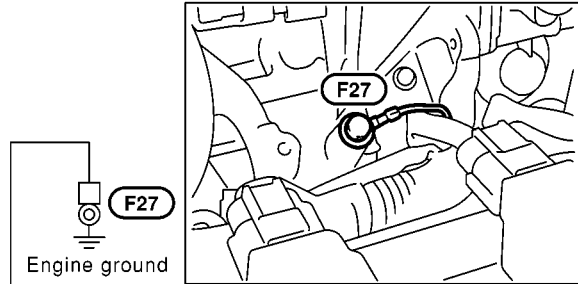


CON-NECTOR NUMBER	CONNECT TO
F4	Shield wire (Knock sensor)
F5	Crankshaft position sensor
F9	Park/neutral position switch (With M/T)
F11	Shield wire (Electric throttle control actuator)
F11	Shield wire (Electric throttle control actuator)
F11	Shield wire (Electric throttle control actuator)
F15	Camshaft position sensor
F101	ECM (Terminal No. 1)
F102	ECM (Terminal No. 115)
F102	ECM (Terminal No. 116)
F104	TCM (Transmission control module) (Terminal No. 25) (With CVT)
F104	TCM (Transmission control module) (Terminal No. 48) (With CVT)

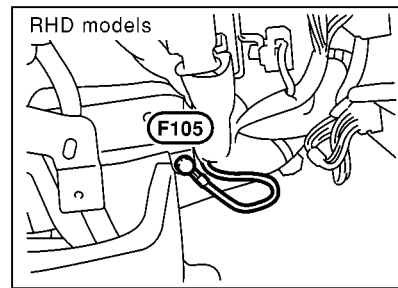
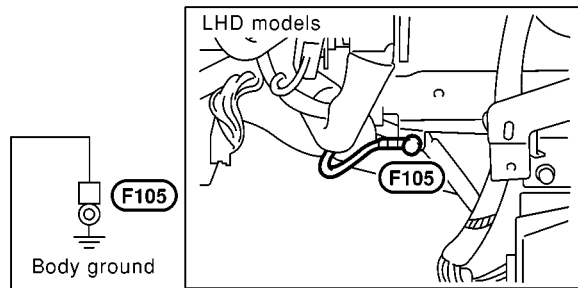
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GROUND

ENGINE CONTROL HARNESS/QG ENGINE MODELS



CON-NECTOR NUMBER	CONNECT TO
F1	Condenser
F17	Park/neutral position switch (With A/T)
F26	Ignition coil No. 1
F28	Ignition coil No. 2
F29	Ignition coil No. 3
F30	Ignition coil No. 4



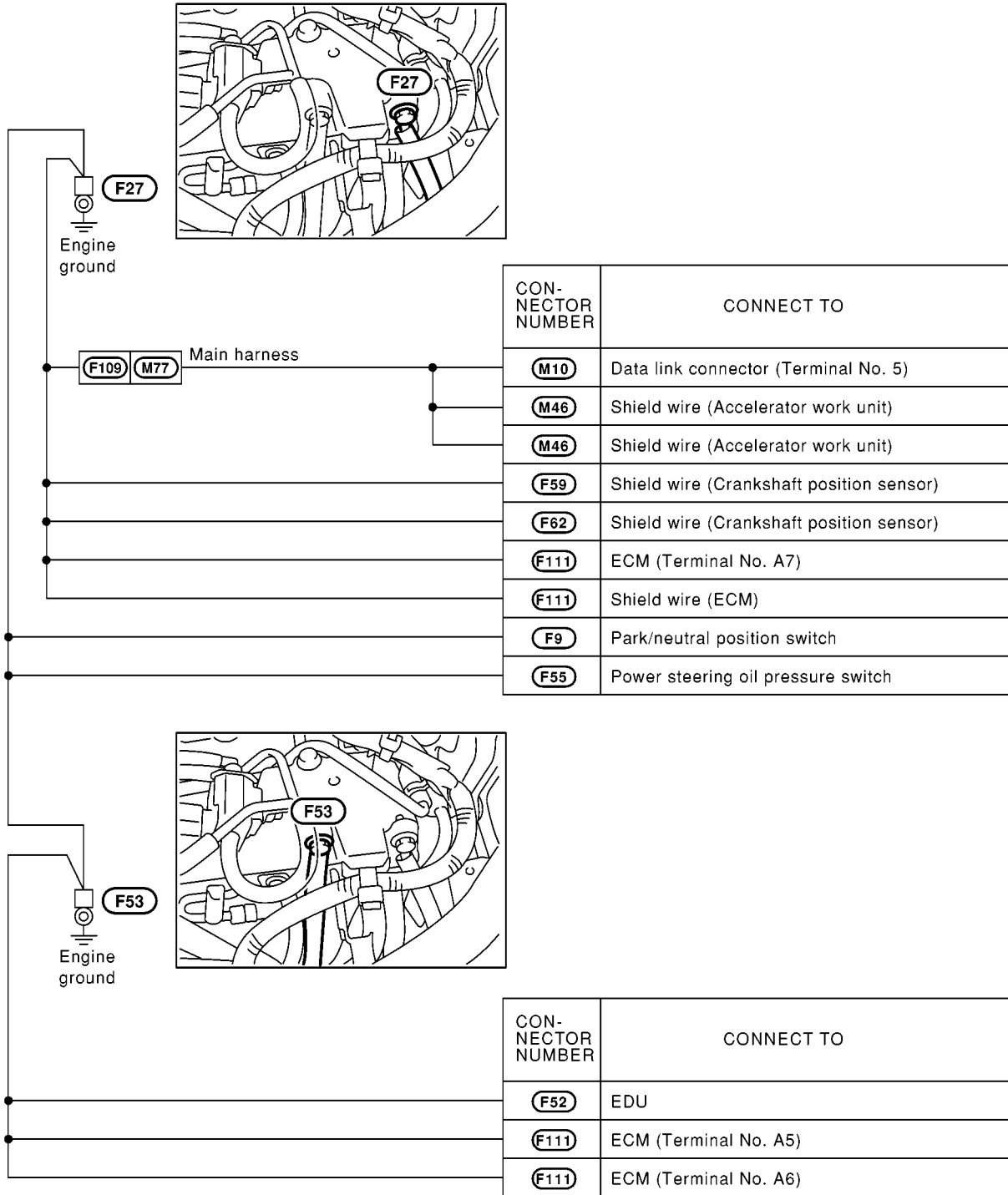
CON-NECTOR NUMBER	CONNECT TO
F9	Park/neutral position switch (With M/T)
F11	Shield wire (Electric throttle control actuator)
F11	Shield wire (Electric throttle control actuator)
F11	Shield wire (Electric throttle control actuator)
F101	ECM (Terminal No. 1)
F102	ECM (Terminal No. 115)
F102	ECM (Terminal No. 116)
F104	TCM (Transmission control module) (Terminal No. 25) (With A/T)
F104	TCM (Transmission control module) (Terminal No. 48) (With A/T)

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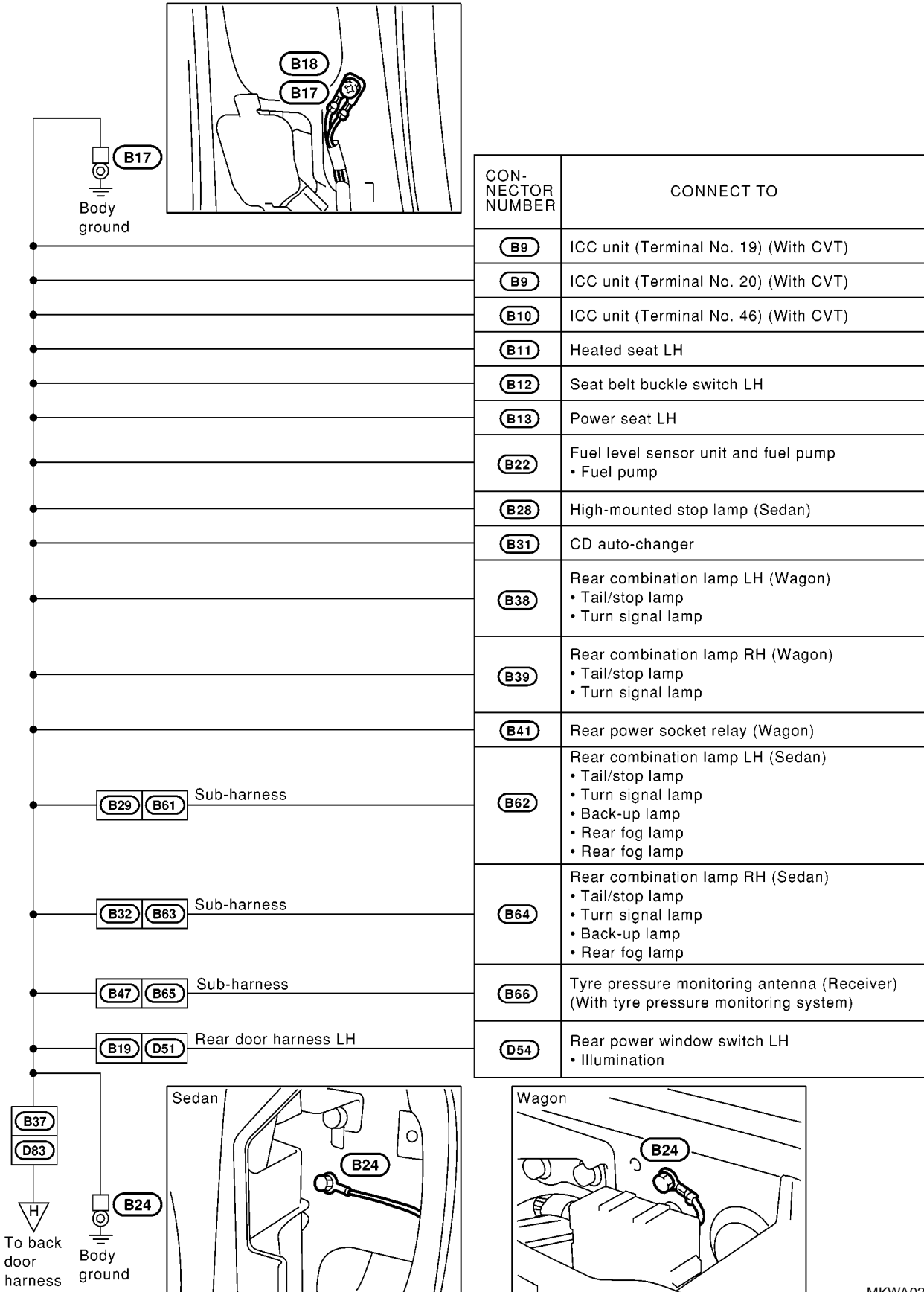
ENGINE CONTROL HARNESS/YD ENGINE MODELS



GROUND

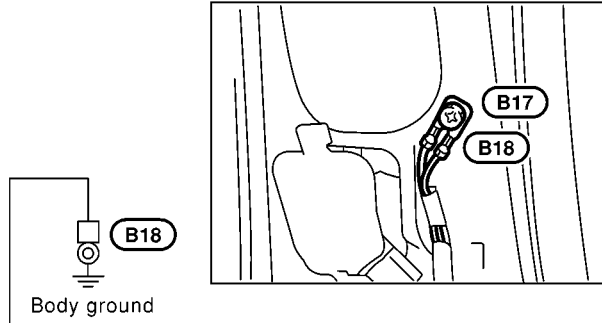
BODY HARNESS/LHD MODELS

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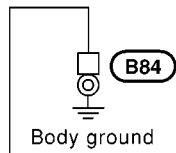


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GROUND



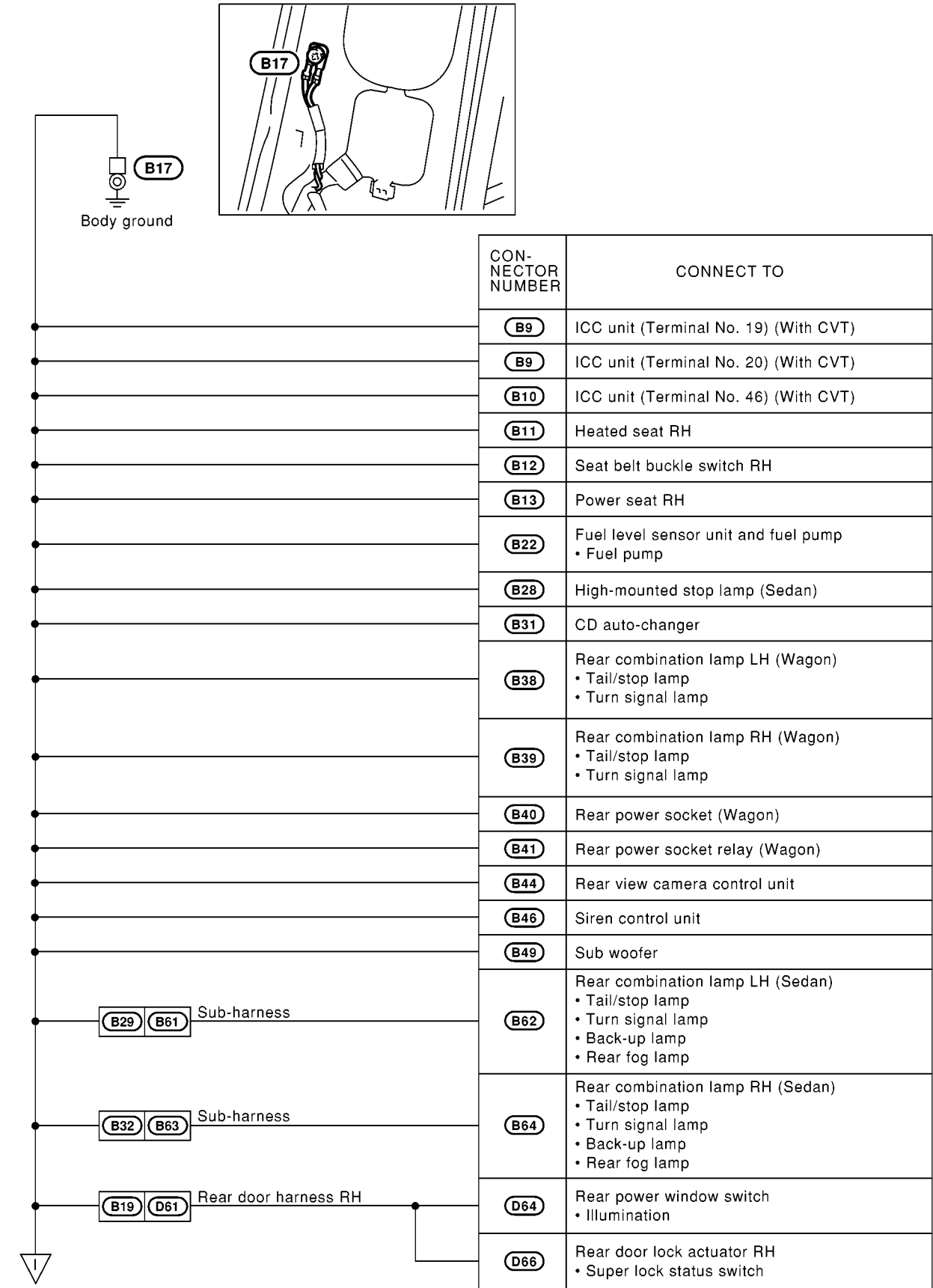
CON-NECTOR NUMBER	CONNECT TO
B15	Shield wire (Air bag diagnosis sensor unit) (Terminal No. 43)
B15	Shield wire (Air bag diagnosis sensor unit) (Terminal No. 44)



CON-NECTOR NUMBER	CONNECT TO
B83	Rear window defogger (Sedan)

GROUND

BODY HARNESS/RHD MODELS



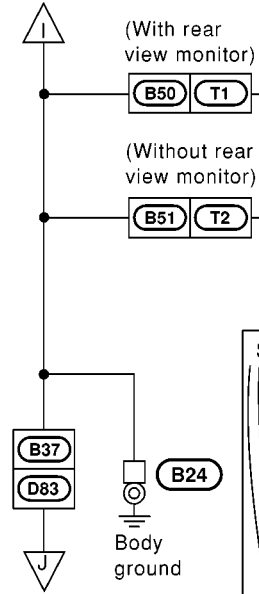
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GROUND

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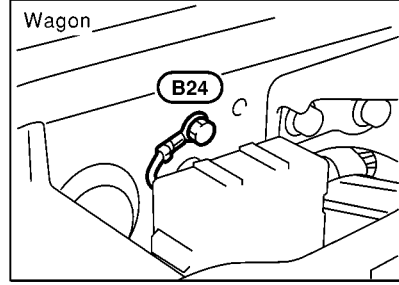
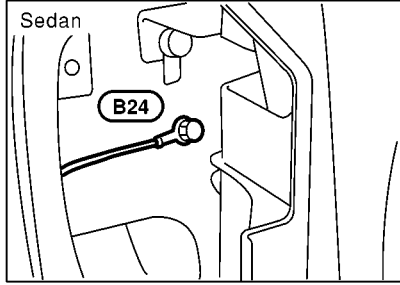


Tail harness (Sedan)

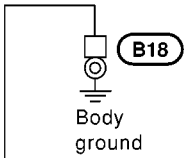
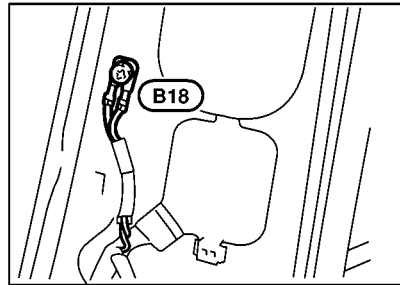
Tail No. 2 harness (Sedan)

T3 T11

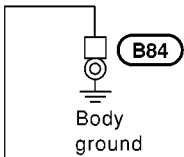
CON-NECTOR NUMBER	CONNECT TO
T4	Trunk room lamp switch (Sedan)
T5	Rear view camera (Sedan)
T12	License plate lamp RH (Sedan)
T13	External trunk release switch (Sedan)
T14	License plate lamp LH (Sedan)



To back door harness



CON-NECTOR NUMBER	CONNECT TO
B15	Shield wire (Air bag diagnosis sensor unit) (Terminal No. 39)
B15	Shield wire (Air bag diagnosis sensor unit) (Terminal No. 40)



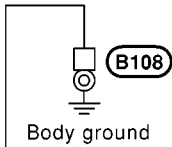
CON-NECTOR NUMBER	CONNECT TO
B83	Rear window defogger (Sedan)

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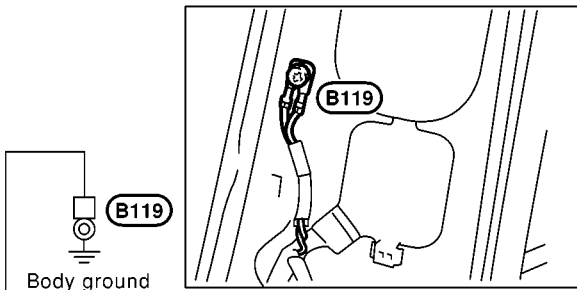
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BODY NO.2 HARNESS/LHD MODELS

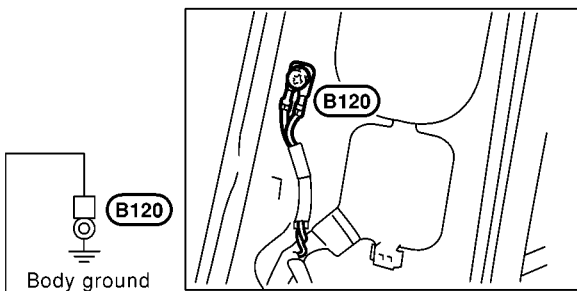
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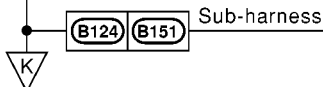
CON-NECTOR NUMBER	CONNECT TO
B109	ESP/TCS/ABS control unit (Terminal No. 28)
B109	ESP/TCS/ABS control unit (Terminal No. 29)



CON-NECTOR NUMBER	CONNECT TO
B116	Shield wire (Air bag diagnosis sensor unit) (Terminal No. 39)
B116	Shield wire (Air bag diagnosis sensor unit) (Terminal No. 40)



CON-NECTOR NUMBER	CONNECT TO
B111	Seat belt buckle switch RH
B112	Power seat RH
B113	Heated seat switch RH
B129	Siren control unit
B130	Rear view camera control unit
B137	Rear power socket (Wagon)
B140	Sub woofer
B152	Height sensor

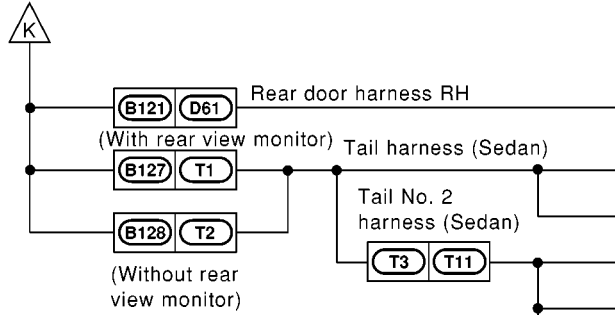


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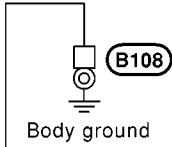
CON-NECTOR NUMBER	CONNECT TO
D64	Rear power window switch RH • Illumination
T4	Trunk room lamp switch (Sedan)
T5	Rear view camera (Sedan)
T12	License plate lamp RH (Sedan)
T13	External trunk release switch (Sedan)
T14	License plate lamp LH (Sedan)

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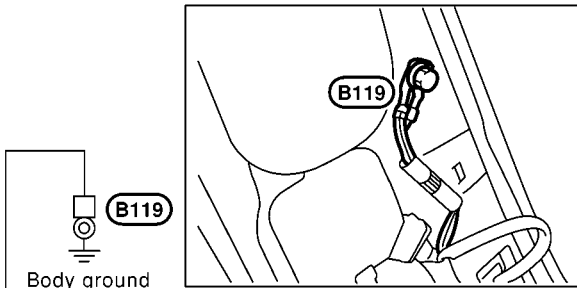
GROUND

BODY NO.2 HARNESS/RHD MODELS

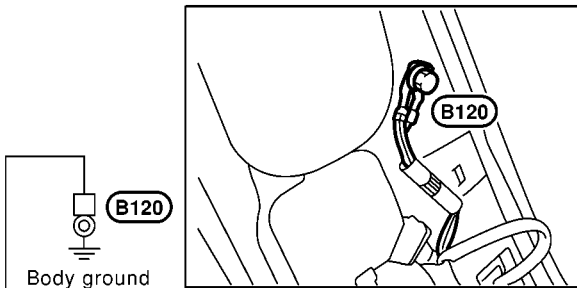
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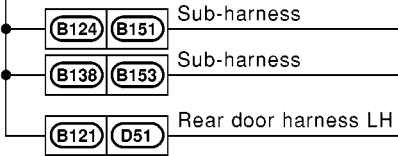
CON-NECTOR NUMBER	CONNECT TO
B109	ESP/TCS/ABS control unit (Terminal No. 28)
B109	ESP/TCS/ABS control unit (Terminal No. 29)



CON-NECTOR NUMBER	CONNECT TO
B116	Shield wire (Air bag diagnosis sensor unit) (Terminal No.43)
B116	Shield wire (Air bag diagnosis sensor unit) (Terminal No. 44)



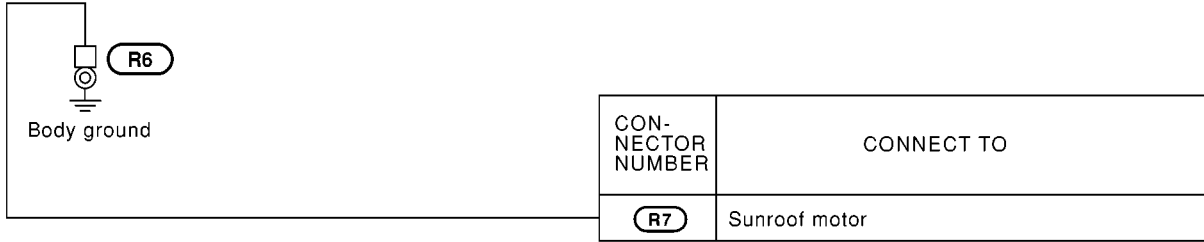
CON-NECTOR NUMBER	CONNECT TO
B111	Seat belt buckle switch LH
B112	Power seat LH
B113	Heated seat switch LH
B152	Height sensor
B154	Tyre pressure monitoring antenna (Receiver)
D54	Rear power window switch LH • Illumination
D56	Rear door lock actuator LH • Super lock status switch



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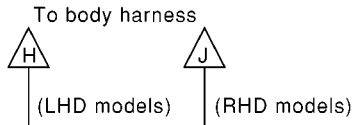
GROUND

ROOM LAMP HARNESS

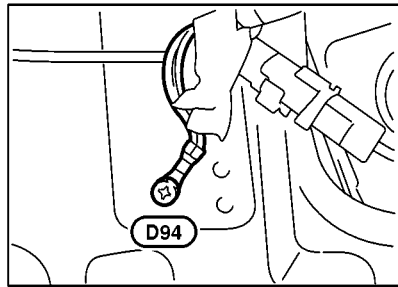


GROUND

BACK DOOR HARNESS



CON-NECTOR NUMBER	CONNECT TO
D84	High-mounded stop lamp
D88	Rear fog lamp
D89	Rear wiper motor
D90	Back door release actuator • Back door switch
D91	Rear view camera
D93	Back-up lamp
D92 D101	License sub-harness
D102	License plate lamp RH
D103	External back door release switch
D104	License plate lamp LH
D95	Rear window defogger



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HARNESS

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Harness Layout

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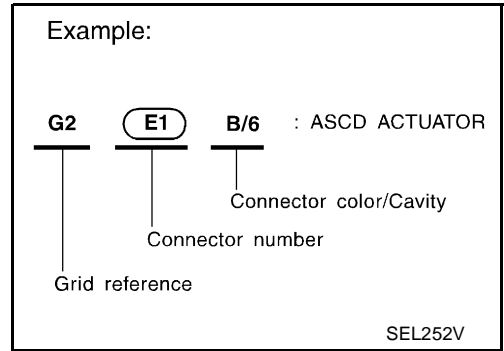
HOW TO READ HARNESS LAYOUTS

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

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

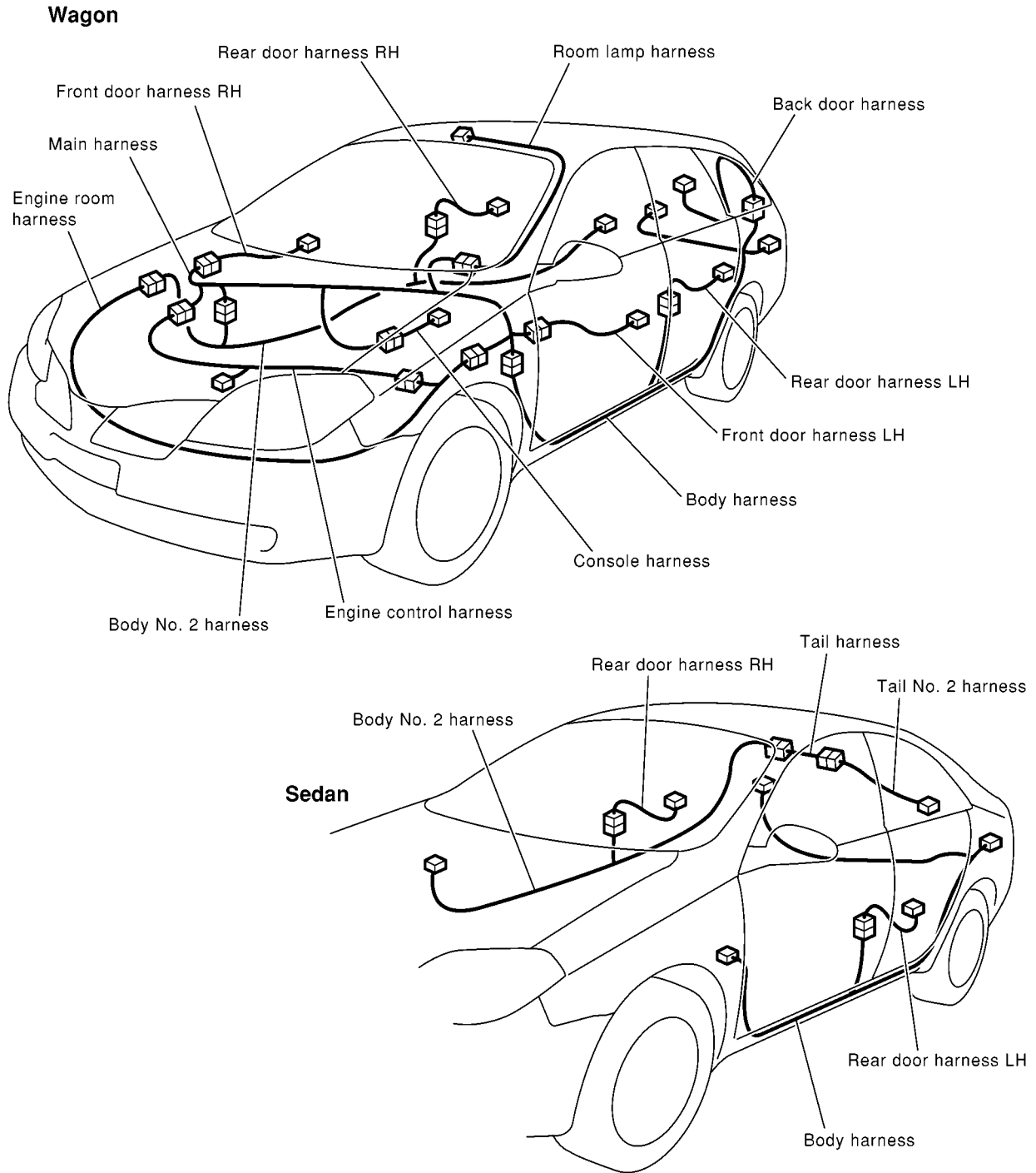
Main symbols of connector (in Harness Layout) are indicated in the below.

Connector type	Water proof type		Standard type	
	Male	Female	Male	Female
<ul style="list-style-type: none"> • Cavity: Less than 4 • Relay connector 				
<ul style="list-style-type: none"> • Cavity: From 5 to 8 				
<ul style="list-style-type: none"> • Cavity: More than 9 	—	—		
<ul style="list-style-type: none"> • Ground terminal etc. 	—			

SKIA0404E

HARNESS

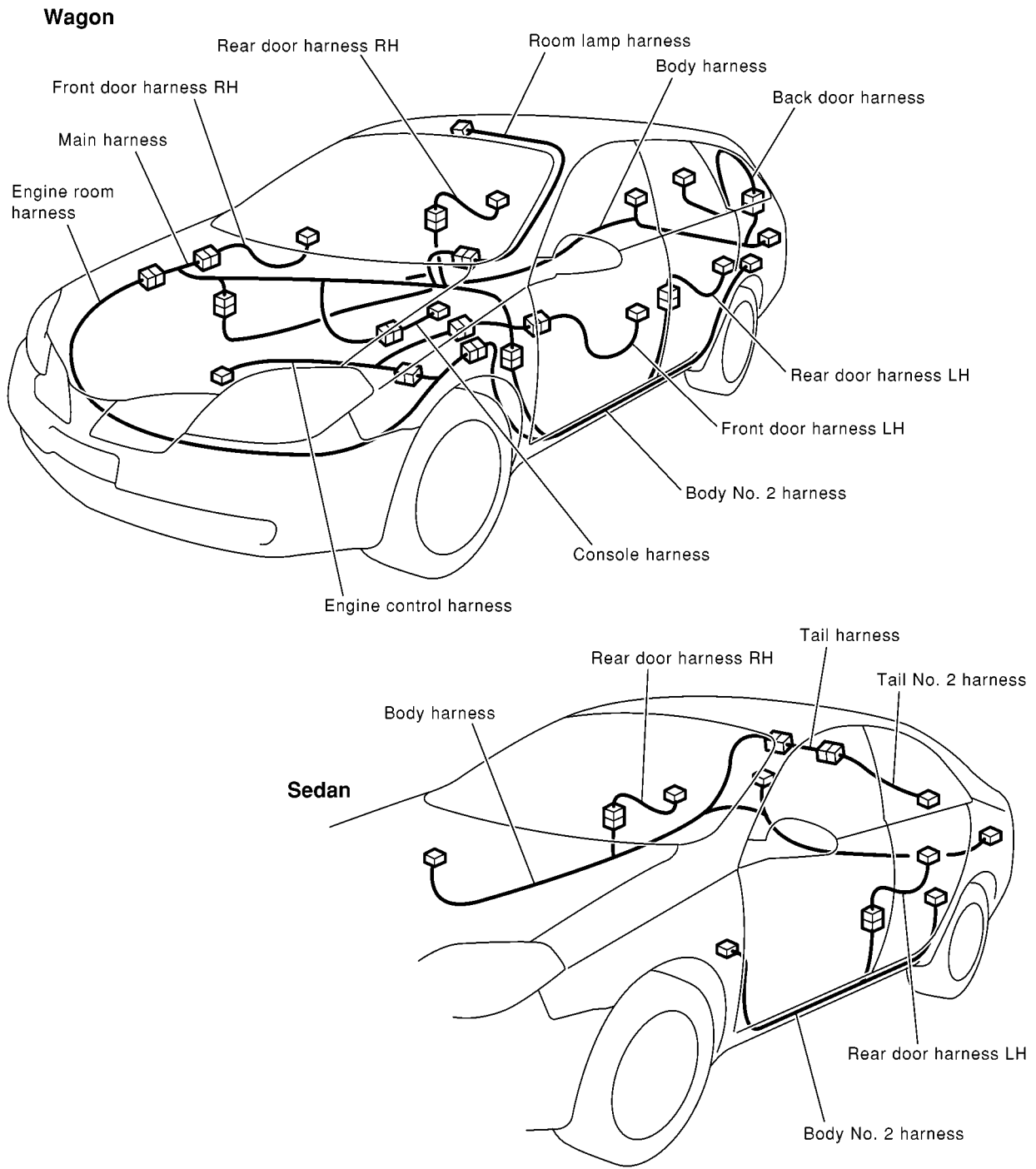
OUTLINE/LHD MODELS



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HARNESS

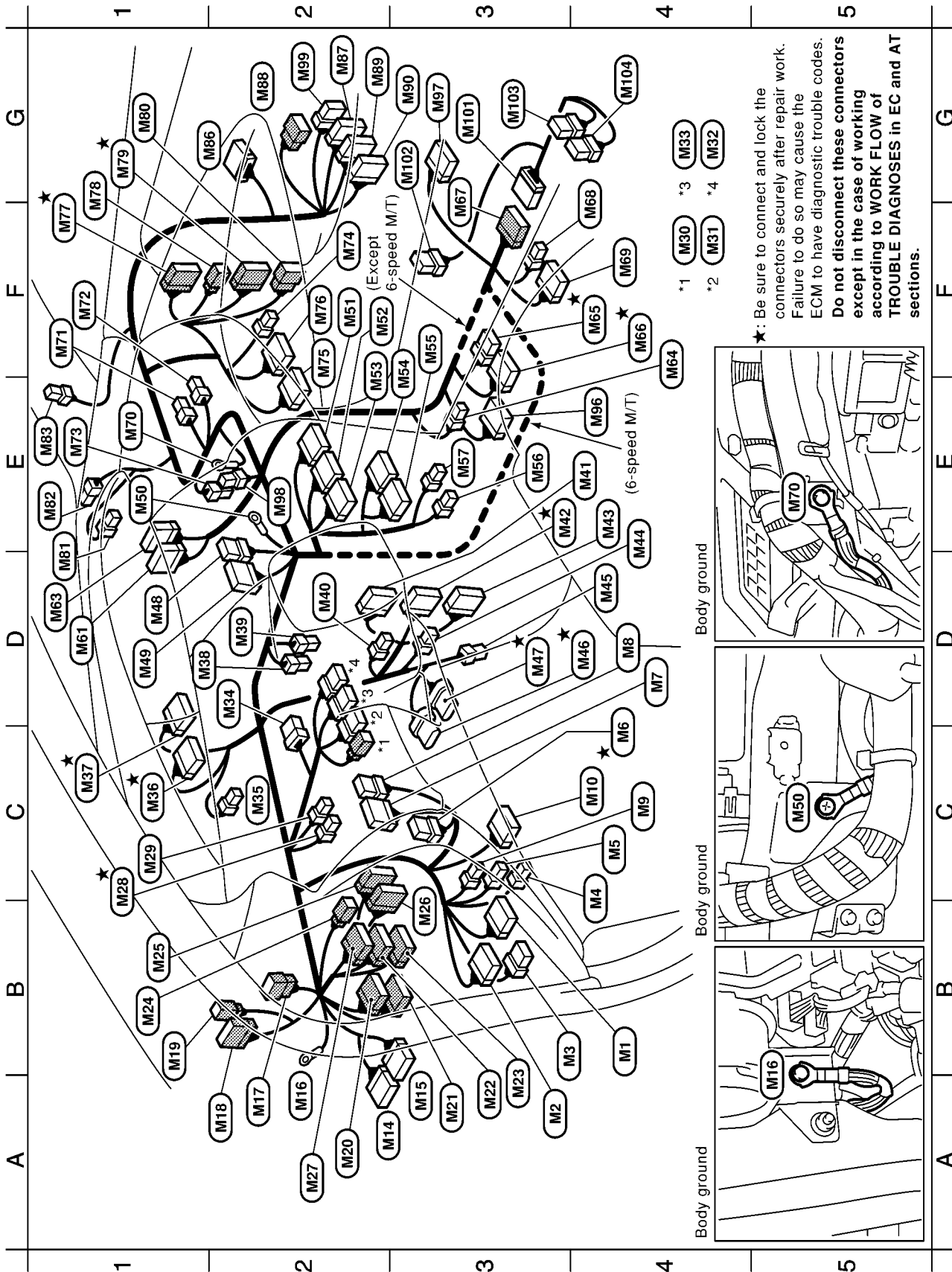
OUTLINE/RHD MODELS



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HARNESS

MAIN HARNESS/LHD MODELS



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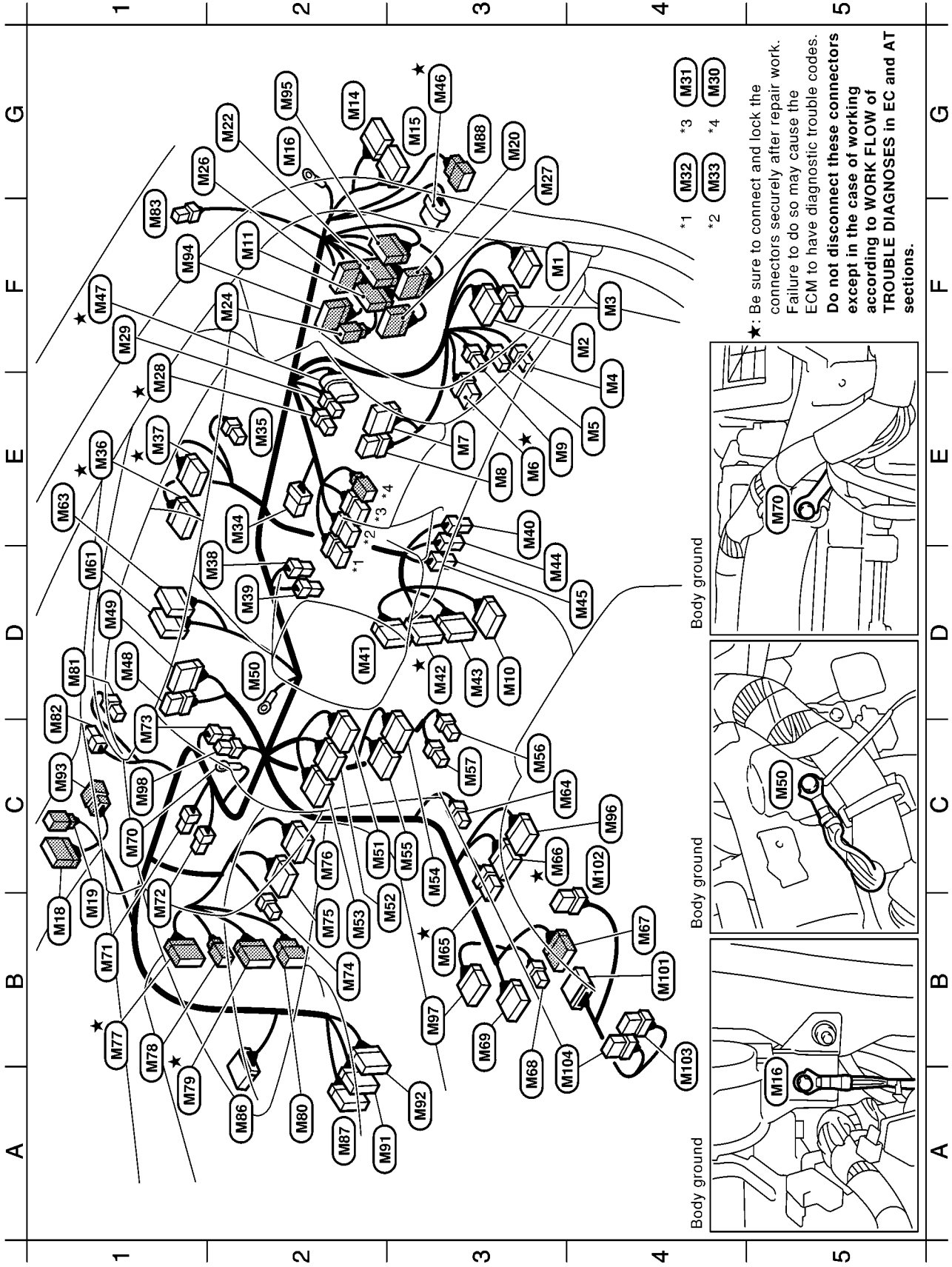
B4	(M1)	W/16	Fuse block (J/B)	E4	(M41)	W/24	Smart entrance control unit	E1	(M81)	B/2	Seat belt warning lamp (Passenger side)
A3	(M2)	W/12	Fuse block (J/B)	E3	(M42)	GY/24	Smart entrance control unit	E1	(M82)	B/2	Sunload sensor
B3	(M3)	W/6	Fuse block (J/B)	E4	(M43)	GY/16	Smart entrance control unit	E1	(M83)	BR/2	Tweeter RH
C4	(M4)	W/2	Circuit breaker-1	E4	(M44)	W/3	Mode door motor	G2	(M86)	W/16	To (D31)
C4	(M5)	W/2	Circuit breaker-2	D4	(M45)	W/3	Fan control amp.	G2	(M87)	W/24	To (E101)
C4	(M6)	GY/6	ICC brake hold relay	D4	(M46)	-/8	Accelerator work unit (With diesel engine)	G2	(M88)	W/6	After market alarm
D4	(M7)	W/10	Door mirror remote control switch	D3	(M47)	-/6	Accelerator pedal position sensor (With gasoline engine)	G2	(M89)	W/16	To (E102)
D4	(M8)	GY/6	ESP off switch	D1	(M48)	W/8	Hazard switch	G3	(M90)	W/12	To (E103) (With ESP)
C4	(M9)	L/4	Power window relay	D1	(M49)	W/16	Multi function switch	E4	(M96)	-/15	Tyre pressure monitoring control unit
C4	(M10)	W/16	Data link connector	D1	(M50)	-	Body ground	G3	(M97)	W/12	Telephone sub-harness
A2	(M14)	W/12	To (D1)	E1	(M51)	W/12	Audio unit	E2	(M98)	W/2	Microphone
A3	(M15)	W/16	To (D2)	F2	(M52)	W/12	Audio unit	G2	(M99)	W/6	To (E139) (Without ESP)
A2	(M16)	-	Body ground	F2	(M53)	W/24	Audio unit	Console harness			
A2	(M17)	W/8	To (E123)	F2	(M52)	W/12	Audio unit	G3	(M101)	W/12	To (M67)
A2	(M18)	W/12	To (R1)	E2	(M53)	W/24	Audio unit	G3	(M102)	GY/6	Door lock/unlock switch
B1	(M19)	W/3	To (R2)	E3	(M54)	W/24	AV and NAVI control unit	G3	(M103)	BR/6	Heated seat switch RH
A2	(M20)	BR/16	To (B2)	F3	(M55)	GY/24	AV and NAVI control unit	G4	(M104)	W/6	Heated seat switch LH
A3	(M21)	W/20	To (B3)	E3	(M56)	B/2	Cigarette lighter socket				
A3	(M22)	W/24	To (B4)	E3	(M57)	W/2	Ashtray illumination				
A3	(M23)	BR/20	To (B5)	D1	(M61)	BR/24	Display unit (Without navigation system)				
B1	(M24)	W/2	To (E108)	D1	(M63)	GY/24	Display (With navigation system)				
B1	(M25)	W/16	To (E124)	F4	(M64)	W/2	Intake sensor				
B3	(M26)	W/12	To (E111)	F4	(M65)	W/8	A/T device (With A/T)				
A2	(M27)	W/16	To (E109)	F4	(M66)	W/12	A/T device (With CVT)				
C1	(M28)	B/2	Stop lamp switch	G3	(M67)	W/12	To (M101)				
C1	(M29)	BR/2	ICC brake switch	G4	(M68)	B/1	Parking brake switch				
F4	(M30)	W/2	Key switch	F4	(M69)	Y/20	Air bag diagnosis sensor unit				
F4	(M31)	Y/6	Spiral cable	E1	(M70)	-	Body ground				
G4	(M32)	GY/8	Spiral cable	F1	(M71)	W/2	Glove box lamp				
G4	(M33)	W/8	Steering angle sensor	F1	(M72)	Y/2	Front passenger air bag module				
D2	(M34)	W/8	NATS antenna amp.	F1	(M73)	W/3	Intake door motor				
C2	(M35)	B/2	Seat belt warning lamp (Driver side)	E1	(M74)	W/2	Blower motor				
C1	(M36)	L/26	Combination meter	F2	(M75)	GY/20	A/C auto amp.				
C1	(M37)	Y/26	Combination meter	F2	(M76)	GY/16	A/C auto amp.				
D1	(M38)	W/3	ICC warning chime	F1	(M77)	W/24	To (F109)				
D2	(M39)	W/2	In-vehicle sensor	G1	(M78)	W/2	To (F106)				
D2	(M40)	W/3	Air mix door motor	G1	(M79)	W/16	To (F108) (With QR engine)				
				G1	(M80)	W/8	To (F110) (With 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 of TROUBLE DIAGNOSES in EC and AT section.

HARNESS

MAIN HARNESS/RHD MODELS



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F3	(M1)	W/16	Fuse block (J/B)	D2	(M41)	W/24	Smart entrance control unit	D1	(M81)	B/2	Seat belt warning lamp (Passenger side)
F4	(M2)	W/12	Fuse block (J/B)	D3	(M42)	GY/24	Smart entrance control unit	D1	(M82)	B/2	Sunload sensor
F4	(M3)	W/6	Fuse block (J/B)	D3	(M43)	GY/16	Smart entrance control unit	F1	(M83)	BR/2	Tweeter RH
E4	(M4)	W/2	Circuit breaker-1	D3	(M44)	W/3	Mode door motor	A2	(M86)	W/16	To (D31)
E4	(M5)	W/2	Circuit breaker-2	D4	(M45)	W/3	Fan control amp.	A2	(M87)	W/24	To (E101)
E3	(M6)	GY/6	ICC brake hold relay	G3	(M46)	-/8	Accelerator work unit (With diesel engine)	G3	(M88)	W/6	After market alarm
E3	(M7)	W/10	Door mirror remote control switch	F1	(M47)	-/6	Accelerator pedal position sensor (With gasoline engine)	A2	(M91)	W/12	To (E134) (With ESP)
E3	(M8)	GY/6	ESP off switch					A3	(M92)	W/10	To (E135) (Without ESP)
E3	(M9)	L/4	Power window relay	D1	(M48)	W/8	Hazard switch	C1	(M93)	BR/8	Dongle unit
D3	(M10)	W/16	Data link connector	D1	(M49)	W/16	Multi function switch	F1	(M94)	BR/20	To (E110)
D3	(M11)	BR/24	To (E48)	D2	(M50)	-	Body ground	G2	(M95)	GY/24	To (E42)
G2	(M14)	W/12	To (D1)	C2	(M51)	W/12	Audio unit	C4	(M96)	-/15	Tyre pressure monitoring control unit
G3	(M15)	W/16	To (D2)	B3	(M52)	W/12	Audio unit	B3	(M97)	W/12	Telephone sub-harness
G2	(M16)	-	Body ground	B2	(M53)	W/24	Audio unit	C1	(M98)	W/2	Microphone
B1	(M18)	W/12	To (R1)	C3	(M54)	W/24	AV and NAVI control unit				
B1	(M19)	W/3	To (R2)	C3	(M55)	GY/24	AV and NAVI control unit				
G3	(M20)	BR/16	To (B2)	C3	(M56)	B/2	Cigarette lighter socket				
G2	(M22)	W/24	To (E4)	C3	(M57)	W/2	Ashtray illumination				
F2	(M24)	W/2	To (E108)	D1	(M61)	BR/24	Display unit (Without navigation system)				
G1	(M26)	W/12	To (E111)	E1	(M63)	GY/24	Display (With navigation system)	B4	(M101)	W/12	To (M67)
G3	(M27)	W/16	To (E109)	C3	(M64)	W/2	Intake sensor	C4	(M102)	GY/6	Door lock/unlock switch
E1	(M28)	B/2	Stop lamp switch	B3	(M65)	W/8	A/T device (With A/T)	B4	(M103)	BR/6	Heated seat switch RH
F1	(M29)	BR/2	ICC brake switch	C3	(M66)	W/12	A/T device (With CVT)	B3	(M104)	W/6	Heated seat switch LH
G4	(M30)	W/2	Key switch	B4	(M67)	W/12	To (M101)				
G4	(M31)	Y/6	Spiral cable	A3	(M68)	B/1	Parking brake switch				
G4	(M32)	GY/8	Spiral cable	B3	(M69)	Y/20	Air bag diagnosis sensor unit				
G4	(M33)	W/8	Steering angle sensor	C1	(M70)	-	Body ground				
E2	(M34)	W/8	Steering antenna amp.	B1	(M71)	W/2	Glove box lamp				
E2	(M35)	B/2	Seat belt warning lamp (Driver side)	B1	(M72)	Y/2	Front passenger air bag module				
E1	(M36)	L/26	Combination meter	C1	(M73)	W/3	Intake door motor				
E1	(M37)	Y/26	Combination meter	B2	(M74)	W/2	Blower motor				
D2	(M38)	W/3	ICC warning chime	B2	(M75)	GY/20	A/C auto amp.				
D2	(M39)	W/2	In-vehicle sensor	C2	(M76)	GY/16	A/C auto amp.				
E3	(M40)	W/3	Air mix door motor	B1	(M77)	W/24	To (F109)				

Console harness

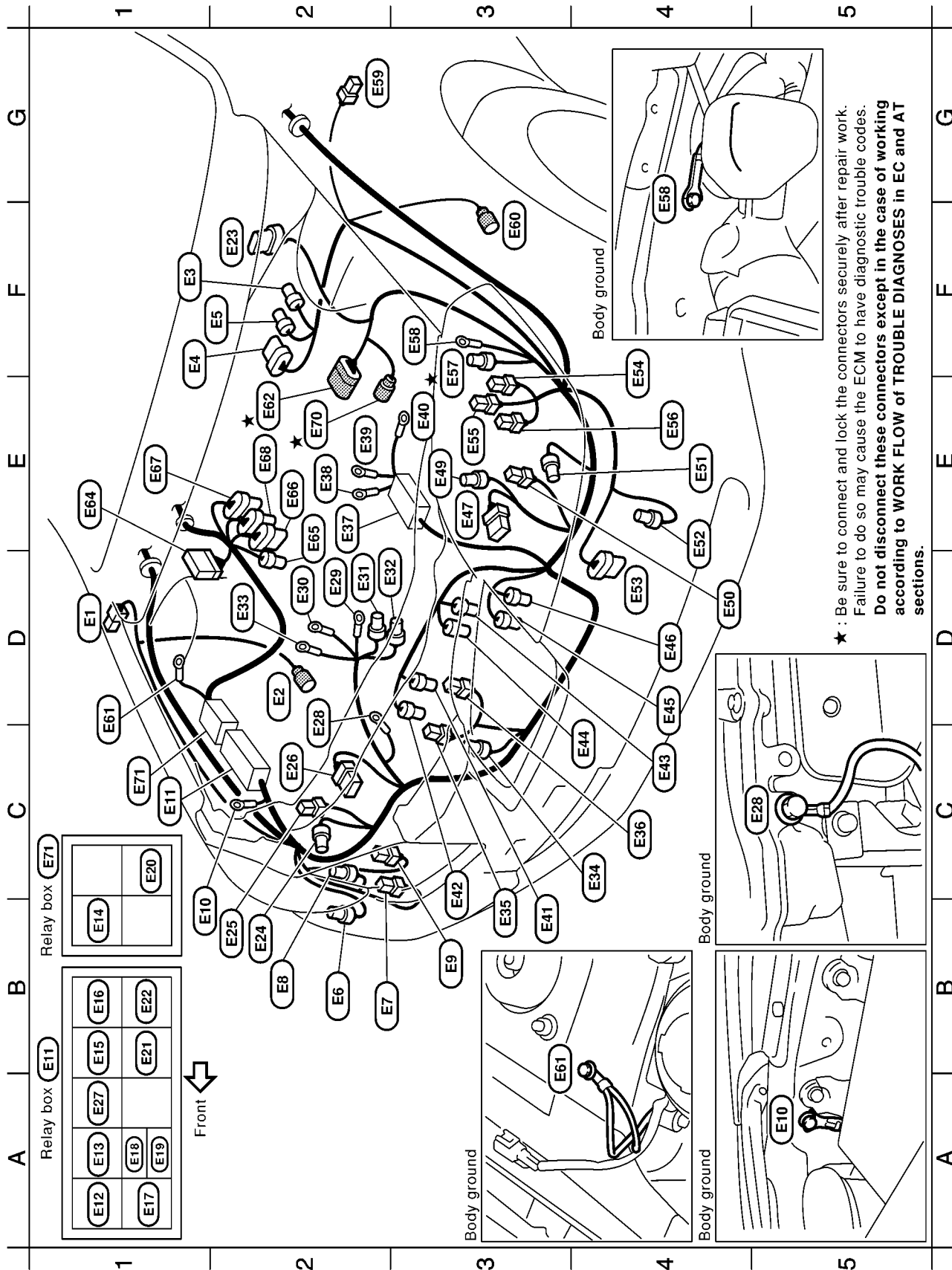
B4	(M101)	W/12	To (M67)
C4	(M102)	GY/6	Door lock/unlock switch
B4	(M103)	BR/6	Heated seat switch RH
B3	(M104)	W/6	Heated seat switch LH

★ : 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 and AT sections.

HARNESS

ENGINE ROOM 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 and AT sections.

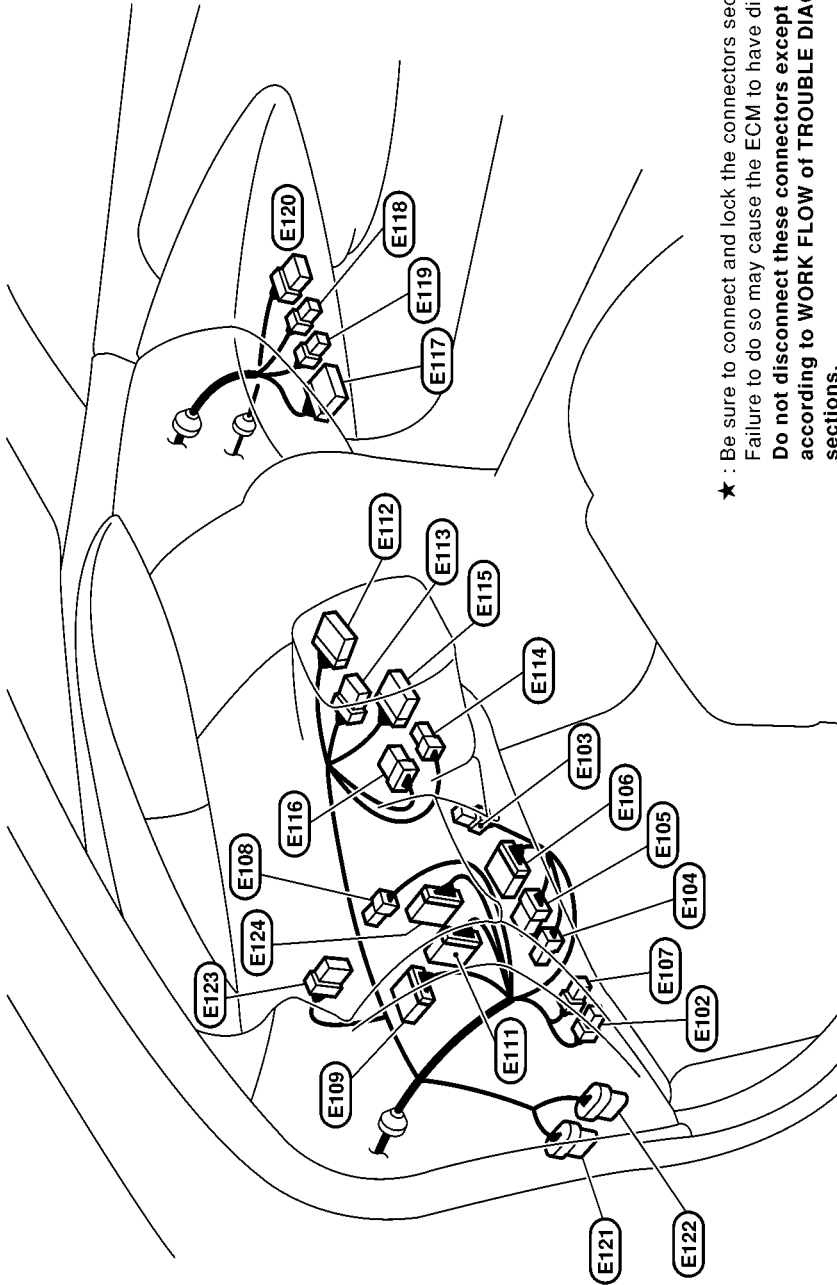
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HARNESSES

D1	(E1)	B/2	: Side turn signal lamp	(E40)	-	: Battery
D2	(E2)	GY/2	: Front wheel sensor RH	(E41)	B/2	: Cooling fan motor-2 (With QR or YD engine)
F1	(E3)	GY/2	: Brake fluid level switch	(E42)	B/2	: Cooling fan motor-2 (With QG engine)
F1	(E4)	GY/6	: Brake booster	(E43)	B/2	: Cooling fan motor-1 (With QR or YD engine)
F2	(E5)	-/3	: Brake pressure sensor	(E44)	B/2	: Cooling fan motor-1 (With QG engine)
B2	(E6)	-/2	: Front fog lamp RH	(E45)	B/3	: Refrigerant pressure sensor (With gasoline engine)
B2	(E7)	B/2	: Washer level switch	(E46)	B/2	: Dual pressure switch (With YD engine)
B2	(E8)	-/2	: Headlamp washer motor	(E47)	-/5	: Headlamp LH
B3	(E9)	-/2	: Washer motor	(E49)	GY/2	: Food switch
B1	(E10)	-	: Body ground	(E50)	-/3	: Headlamp aiming motor LH
C1	(E11)	-	: Relay box	(E51)	GY/3	: Front combination lamp LH
A1	(E12)	B/5	: Cooling fan relay-2 (With QR or YD engine)	(E52)	-/2	: Front fog lamp LH
A1	(E13)	L/4	: Park/neutral position relay (With A/T or CVT)	(E53)	-/6	: ICC sensor
B1	(E14)	L/4	: Headlamp LH relay (With xenon type)	(E54)	W/1	: Glow relay (With YD engine)
B1	(E15)	W/3	: Horn relay	(E55)	W/1	: Glow relay (With YD engine)
B1	(E16)	B/5	: Cooling fan relay-4 (With QR or YD engine)	(E56)	G/2	: Glow relay (With YD engine)
A1	(E17)	L/4	: Air conditioner relay	(E57)	GY/2	: Dropping resistor (With A/T)
A1	(E18)	B/4	: Cooling fan relay-1 (With QR or YD engine)	(E58)	-	: Body ground
A1	(E19)	BR/6	: Cooling fan relay-1 (With QG engine)	(E59)	B/2	: Side turn signal lamp LH
C1	(E20)	L/4	: Headlamp RH relay (With xenon type)	(E60)	L/2	: Front wheel sensor LH
B1	(E21)	B/4	: Cooling fan relay-3 (With QR or YD engine)	(E61)	-	: Body ground (Without ESP)
B1	(E22)	L/4	: Front fog lamp relay	(E62)	GY/9	: To (F12)
F2	(E23)	GY/6	: Front wiper motor	(E64)	-/26	: ABS actuator and electric unit (control unit) (Without ESP)
B2	(E24)	GY/3	: Front combination lamp RH	(E65)	B/2	: ESP/TCS/ABS relay box (With ESP)
B2	(E25)	-/3	: Headlamp aiming motor RH	(E66)	B/8	: ESP/TCS/ABS relay box (With ESP)
C2	(E26)	-/5	: Headlamp RH	(E67)	B/8	: ESP/TCS/ABS actuator (With ESP)
A1	(E27)	BR/6	: Daytime light relay	(E68)	GY/8	: ESP/TCS/ABS actuator (With ESP)
D2	(E28)	-	: Body ground	(E70)	B/4	: To (F13)
D2	(E29)	-	: Alternator	(E71)	-	: Relay box
D2	(E30)	-	: Alternator			
D2	(E31)	GY/2	: Alternator			
D2	(E32)	B/1	: Compressor			
D2	(E33)	-	: Glow plug (With YD engine)			
C4	(E34)	B/2	: Ambient sensor			
B3	(E35)	B/1	: Horn (High)			
C4	(E36)	B/1	: Horn (Low)			
E2	(E37)	-	: Fuse and fusible link box			
E2	(E38)	-	: Fuse and fusible link box			
E2	(E39)	-	: Fuse and fusible link box			

★ : 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.

MKWA0309E



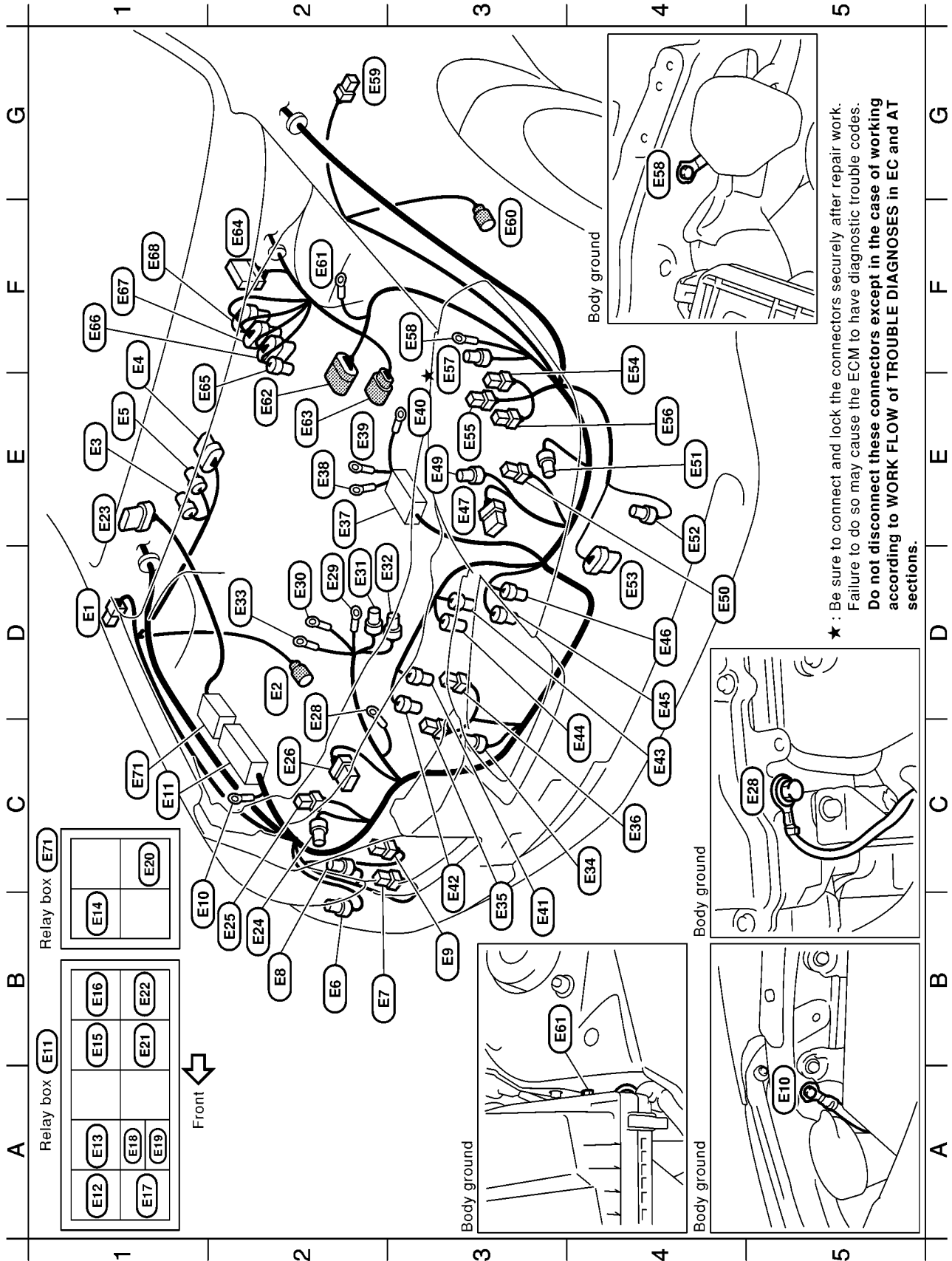
★ : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes. Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC and AT sections.

- E102 L/4 : Rear fog lamp relay
- E103 W/4 : Headlamp aiming switch (Manual type)
- E104 B/2 : Fuse block (J/B)
- E105 W/6 : Fuse block (J/B)
- E106 W/10 : Fuse block (J/B)
- ★ E107 L/4 : Throttle control motor relay
- E108 W/2 : To M24
- E109 W/16 : To M27
- E111 W/12 : To M26
- E112 GY/12 : Combination switch (Wiper and washer switch)
- E113 W/8 : Combination switch (Front and rear fog lamp switch)
- E114 W/2 : Key hole illumination
- E109 E110 E111 E112 E113 E114 E115 E116 E117 E118 E119 E120 E121 E122 E123 E124
- E115 BR/12 : Combination switch (Lighting and turn signal switch)
- E116 W/6 : Ignition switch
- E117 W/16 : To B104 (With ESP)
- E118 W/2 : To B105 (With ESP)
- E119 BR/16 : To B106 (With ESP)
- E120 GY/6 : To B107 (Without ESP)
- E121 GY/6 : Daytime light control unit
- E122 GY/8 : Daytime light control unit
- ★ E123 W/8 : To M17
- E124 W/16 : To M25

A B C D E F G H I J L M PG

HARNESS

ENGINE ROOM HARNESS/RHD MODELS

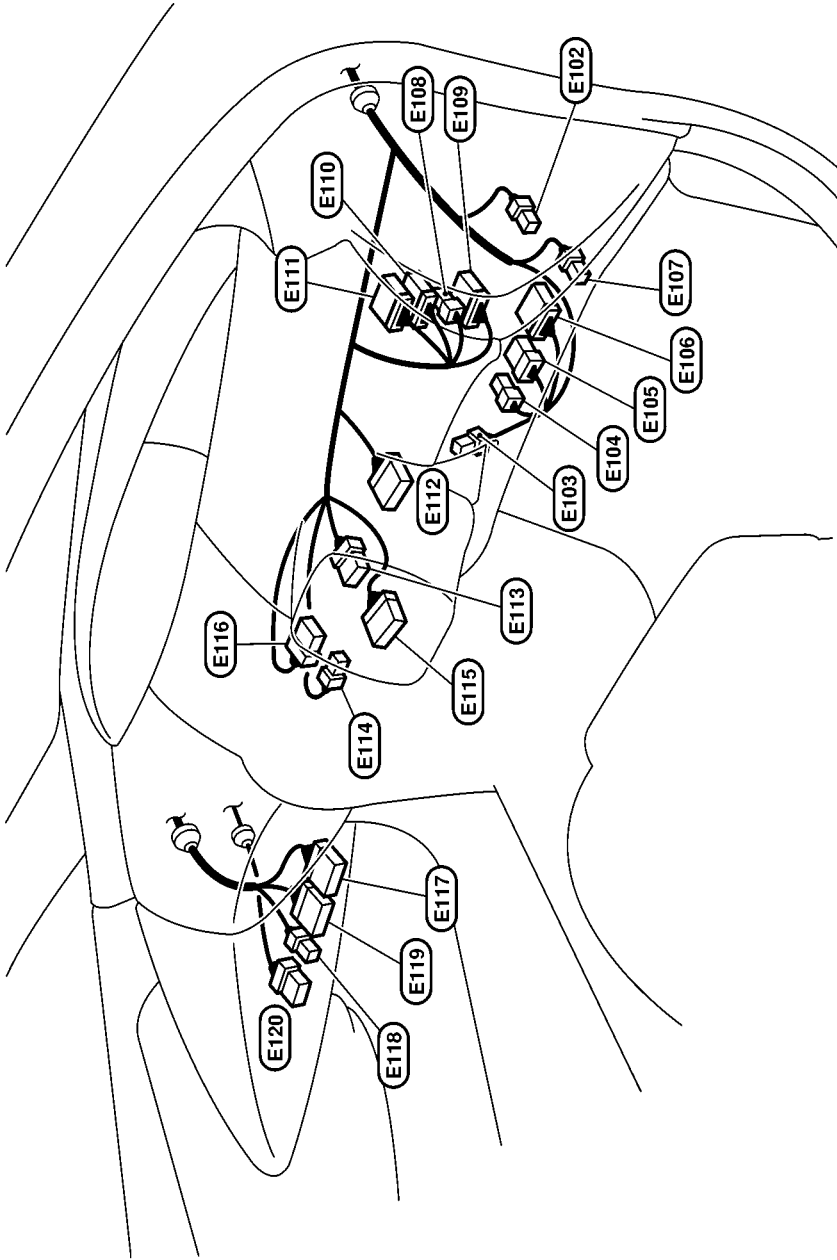


MKWA0312E

D1	B/2	(E1)	: Side turn signal lamp	-	(E40)	: Battery
D2	GY/2	(E2)	: Front wheel sensor RH	B/2	(E41)	: Cooling fan motor-2 (With QR or YD engine)
E1	GY/2	(E3)	: Brake fluid level switch	B/2	(E42)	: Cooling fan motor-2 (With QG engine)
F1	GY/6	(E4)	: Brake booster	B/2	(E43)	: Cooling fan motor-1 (With QR or YD engine)
E1	-/3	(E5)	: Brake pressure sensor	B/2	(E44)	: Cooling fan motor-1 (With QG engine)
B2	-/2	(E6)	: Front fog lamp RH	B/3	(E45)	: Refrigerant pressure sensor (With gasoline engine)
B2	B/2	(E7)	: Washer level switch	B/2	(E46)	: Dual pressure switch (With YD engine)
B2	-/2	(E8)	: Headlamp washer motor	-/5	(E47)	: Headlamp LH
B3	-/2	(E9)	: Washer motor	GY/2	(E49)	: Food switch
B1	-	(E10)	: Body ground	-/3	(E50)	: Headlamp aiming motor LH
C1	-	(E11)	: Relay box	GY/3	(E51)	: Front combination lamp LH
A1	B/5	(E12)	: Cooling fan relay-2 (With QR or YD engine)	-/2	(E52)	: Front fog lamp LH
A1	L/4	(E13)	: Park/neutral position relay (With A/T or CVT)	-/6	(E53)	: ICC sensor
B1	L/4	(E14)	: Headlamp LH relay (With xenon type)	W/1	(E54)	: Glow relay (With YD engine)
B1	W/3	(E15)	: Horn relay	W/1	(E55)	: Glow relay (With YD engine)
B1	B/5	(E16)	: Cooling fan relay-4 (With QR or YD engine)	G/2	(E56)	: Glow relay (With YD engine)
A1	L/4	(E17)	: Air conditioner relay	GY/2	(E57)	: Dropping resistor (With A/T)
A1	B/4	(E18)	: Cooling fan relay-1 (With QR or YD engine)	-	(E58)	: Body ground
A1	BR/6	(E19)	: Cooling fan relay-1 (With QG engine)	B/2	(E59)	: Side turn signal lamp LH
C1	L/4	(E20)	: Headlamp RH relay (With xenon type)	L/2	(E60)	: Front wheel sensor LH
B1	B/4	(E21)	: Cooling fan relay-3 (With QR or YD engine)	-	(E61)	: Body ground (Without ESP)
B1	L/4	(E22)	: Front fog lamp relay	GY/9	(E62)	: To (F12)
E1	GY/6	(E23)	: Front wiper motor	B/6	(E63)	: To (F31)
B2	GY/3	(E24)	: Front combination lamp RH	-/26	(E64)	: ABS actuator and electric unit (control unit) (Without ESP)
B2	-/3	(E25)	: Headlamp aiming motor RH	B/2	(E65)	: ESP/TCS/ABS relay box (With ESP)
C2	-/5	(E26)	: Headlamp RH	B/8	(E66)	: ESP/TCS/ABS relay box (With ESP)
D2	-	(E28)	: Body ground	B/8	(E67)	: ESP/TCS/ABS actuator (With ESP)
D2	-	(E29)	: Alternator	GY/8	(E68)	: ESP/TCS/ABS actuator (With ESP)
D2	-	(E30)	: Alternator	-	(E71)	: Relay box
D2	GY/2	(E31)	: Alternator			
D2	B/1	(E32)	: Compressor			
D2	-	(E33)	: Glow plug (With YD engine)			
C4	B/2	(E34)	: Ambient sensor			
B3	B/1	(E35)	: Horn (High)			
C4	B/1	(E36)	: Horn (Low)			
E2	-	(E37)	: Fuse and fusible link box			
E2	-	(E38)	: Fuse and fusible link box			
E2	-	(E39)	: Fuse and fusible link box			

★ : 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

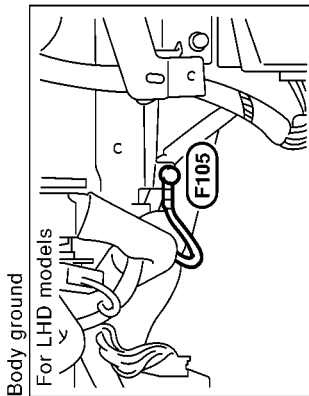
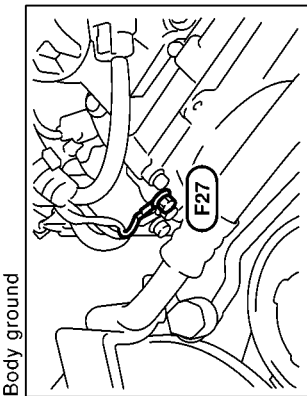
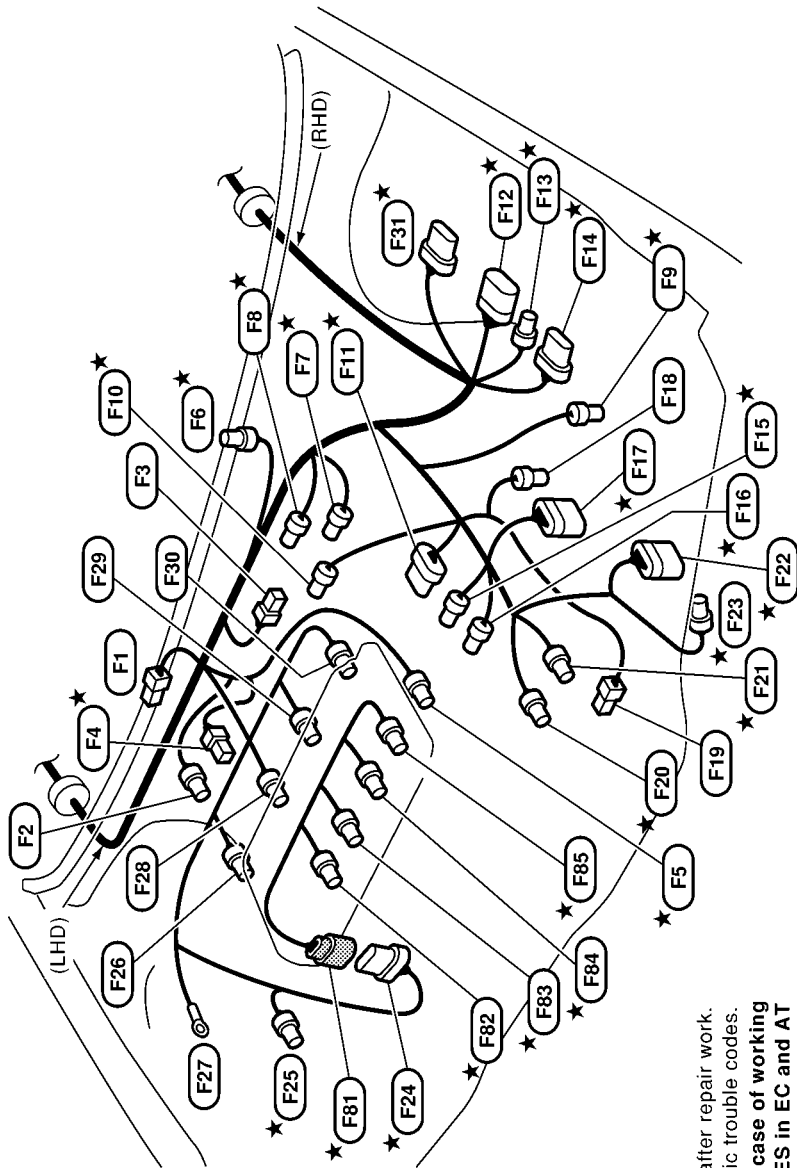


- | | | | | | | | |
|-------------|-------|---|-----------------------------------------------------|-------------|-------|---|------------------------------------------------------|
| E102 | L/4 | : | Rear fog lamp relay | E113 | W/2 | : | Key hole illumination |
| E103 | W/4 | : | Headlamp aiming switch (Manual type) | E115 | BR/12 | : | Combination switch (Lighting and turn signal switch) |
| E104 | B/2 | : | Fuse block (J/B) | E116 | W/6 | : | Ignition switch |
| E105 | W/6 | : | Fuse block (J/B) | E117 | W/16 | : | To E104 (With ESP) |
| E106 | W/10 | : | Fuse block (J/B) | E118 | W/2 | : | To E105 (With ESP) |
| E107 | L/4 | : | Throttle control motor relay | E119 | BR/16 | : | To E106 (With ESP) |
| E108 | W/2 | : | To M24 | E120 | GY/6 | : | To E107 (Without ESP) |
| E109 | W/16 | : | To M27 | | | | |
| E110 | BR/20 | : | To M94 | | | | |
| E111 | W/12 | : | To M26 | | | | |
| E112 | GY/12 | : | Combination switch (Wiper and washer switch) | | | | |
| E113 | W/8 | : | Combination switch (Front and rear fog lamp switch) | | | | |

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

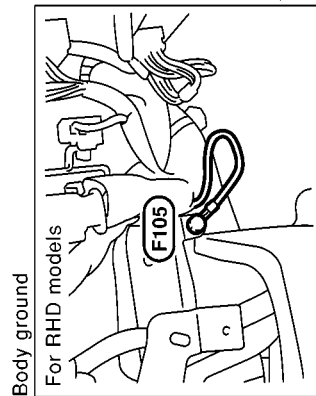
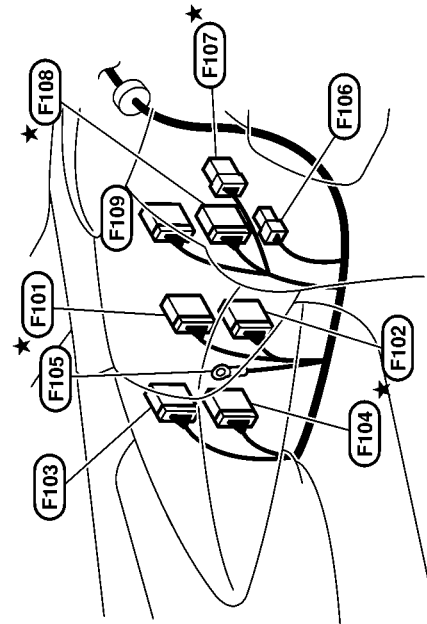
HARNESS

ENGINE CONTROL HARNESS/QR ENGINE

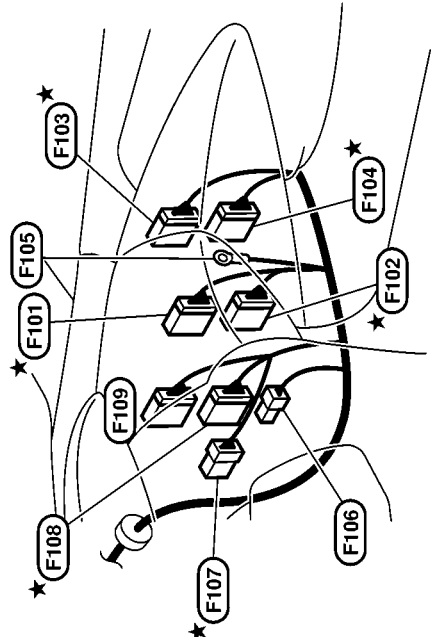


★ : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes. Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC and AT sections.

RHD models



LHD models



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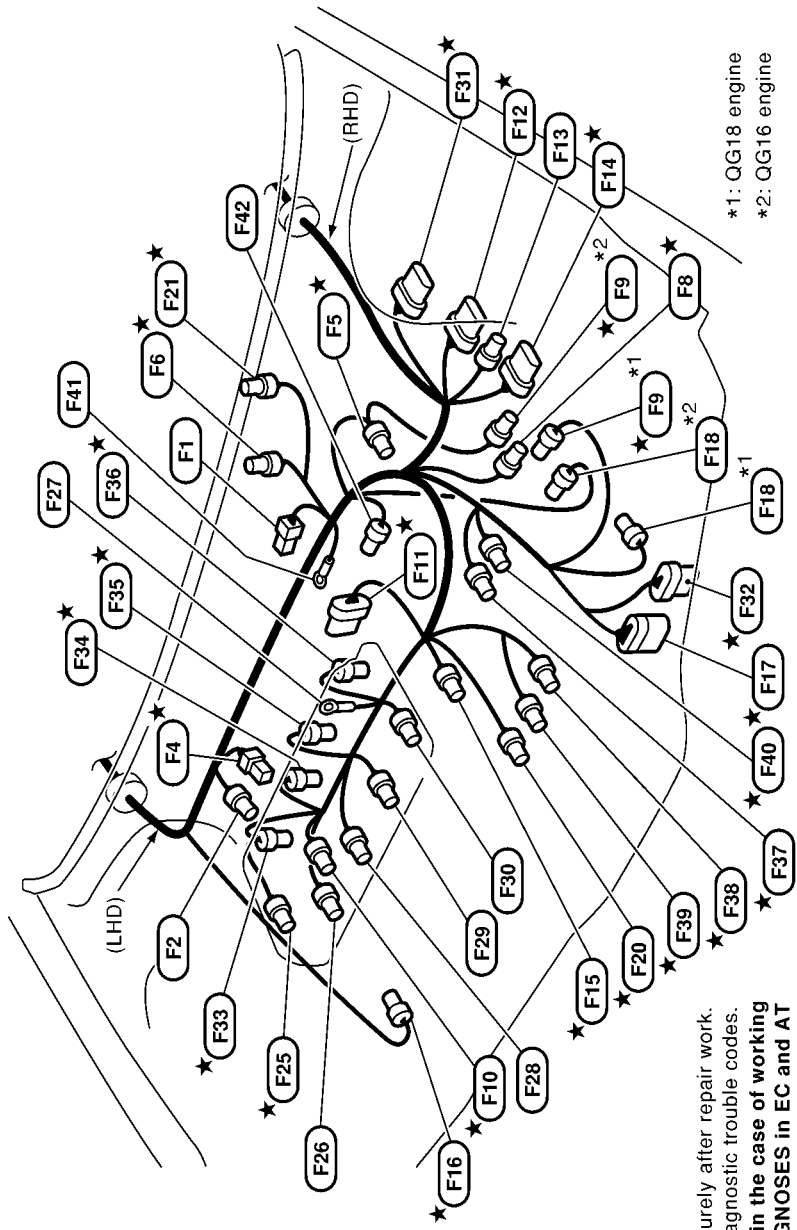
PG

(F1)	GY/2	: Condenser	(F101)	-/81	: ECM
(F2)	GY/1	: Oil pressure switch	(F102)	-/40	: ECM
(F3)	B/1	: Starter motor (With CVT)	(F103)	W/24	: TCM (Transmission control module) (With CVT)
(F4)	-/2	: Knock sensor	(F104)	GY/24	: TCM (Transmission control module) (With CVT)
(F5)	B/3	: Crankshaft position sensor	(F105)	-	: Body ground
(F6)	B/3	: Power steering pressure sensor	(F106)	W/2	: To (M78)
(F7)	GY/2	: Dropping resistor (With CVT)	(F107)	BR/6	: ECM relay
(F8)	B/3	: Secondary speed sensor (With CVT)	(F108)	W/16	: To (M79)
(F9)	B/2	: Park/neutral position switch (With M/T)	(F109)	W/24	: To (M77)
(F10)	L/2	: Evap canister purge volume control solenoid valve	Engine sub-harness		
(F11)	G/6	: Electric throttle control actuator	(F81)	B/6	: To (F24)
(F12)	GY/9	: To (E62)	(F82)	GY/2	: Injector No. 1
(F13)	B/4	: To (E7D) (LHD models)	(F83)	GY/2	: Injector No. 2
(F14)	GY/5	: Mass air flow sensor	(F84)	GY/2	: Injector No. 3
(F15)	B/3	: Camshaft position sensor	(F85)	GY/2	: Injector No. 4
(F16)	GY/2	: Engine coolant temperature sensor			
(F17)	B/10	: Park/neutral position switch (With CVT)			
(F18)	B/2	: Back-up lamp switch (With M/T)			
(F19)	B/1	: Starter motor (With M/T)			
(F20)	G/4	: Heated oxygen sensor 1			
(F21)	L/4	: Heated oxygen sensor 2			
(F22)	G/10	: Terminal cord assembly (With CVT)			
(F23)	B/3	: Primary speed sensor (With CVT)			
(F24)	B/6	: To (F8T)			
(F25)	G/2	: Intake valve timing control solenoid valve			
(F26)	GY/3	: Ignition coil No. 1 (With power transistor)			
(F27)	-	: Engine ground			
(F28)	GY/3	: Ignition coil No. 2 (With power transistor)			
(F29)	GY/3	: Ignition coil No. 3 (With power transistor)			
(F30)	GY/3	: Ignition coil No. 4 (With power transistor)			
(F31)	B/6	: To (E63) (RHD models)			

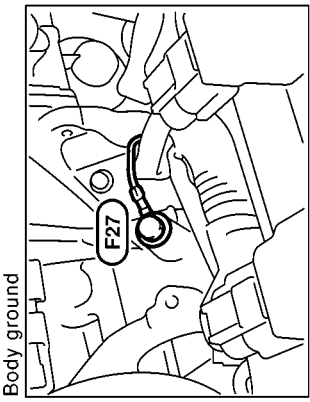
★ : Be sure to connect and lock the connectors securely after repair work.
 Failure to do so may cause the ECM to have diagnostic trouble codes.
Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC and AT sections.

HARNESS

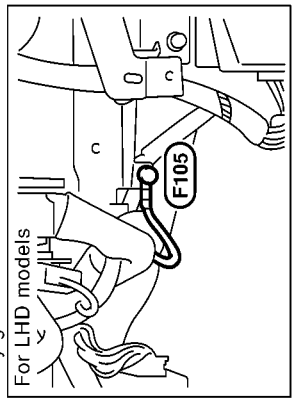
ENGINE CONTROL HARNESS/QG ENGINE



*1: QG18 engine
*2: QG16 engine



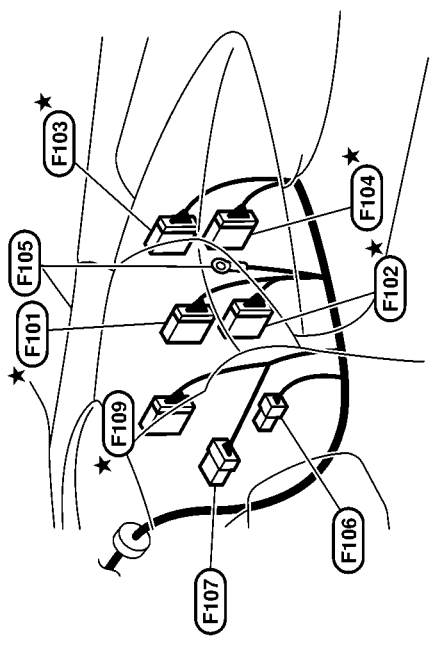
Body ground



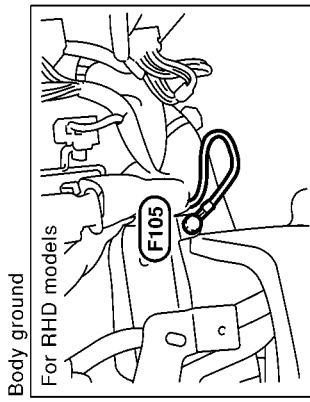
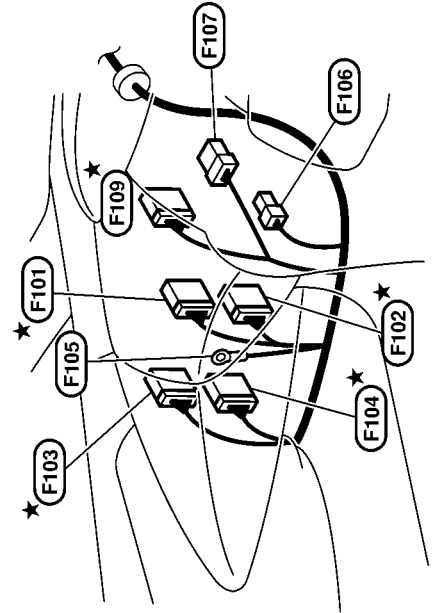
Body ground
For LHD models

★ : 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 and AT sections.

LHD models



RHD models



Body ground
For RHD models

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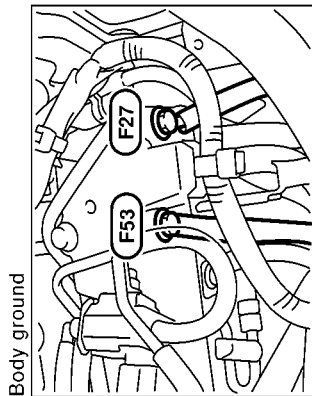
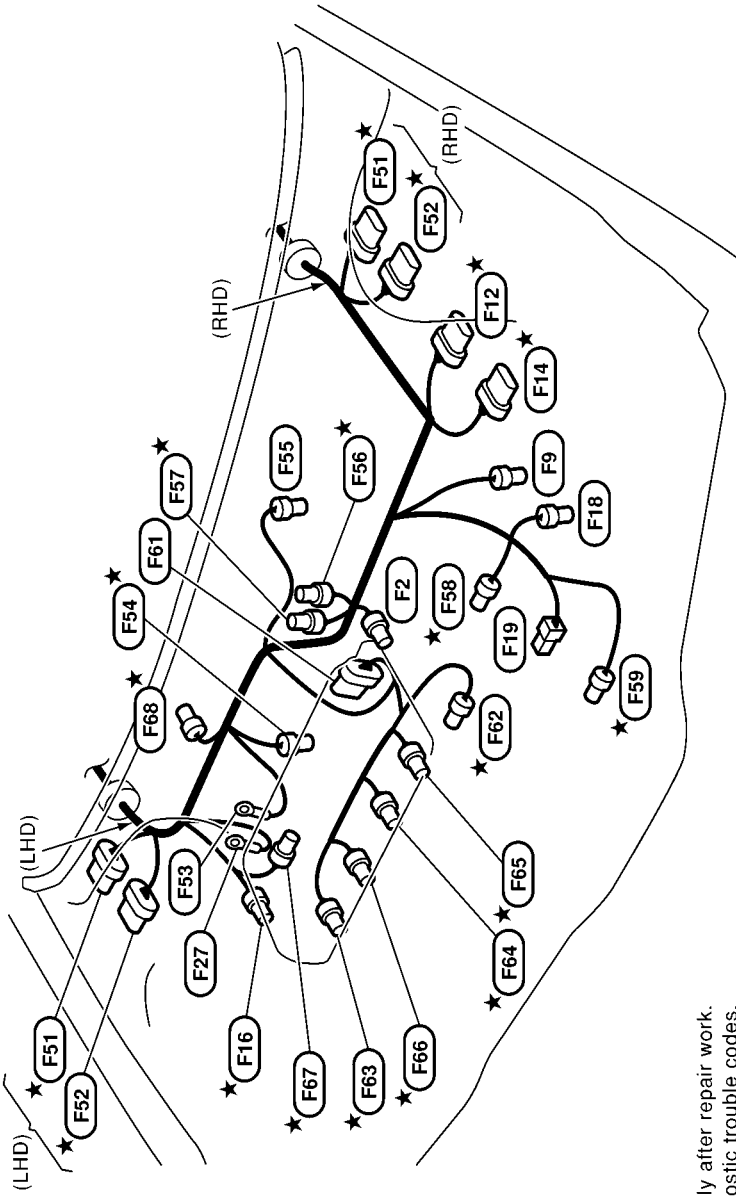
HARNESS

(F1)	GY/2	: Condenser	(F101)	-/81	: ECM
(F2)	GY/1	: Oil pressure switch	(F102)	-/40	: ECM
(F4)	-/2	: Knock sensor	(F103)	W/24	: TCM (Transmission control module) (With A/T)
(F5)	B/3	: Crankshaft position sensor	(F104)	GY/24	: TCM (Transmission control module) (With A/T)
(F6)	B/3	: Power steering pressure sensor	(F105)	-	: Body ground
(F8)	BR/3	: Revolution sensor (With A/T)	(F106)	W/2	: To (M78)
(F9)	B/2	: Park/neutral position switch (With M/T)	(F107)	BR/6	: ECM relay
(F10)	L/2	: EVAP canister purge volume control solenoid valve	(F109)	W/24	: To (M77)
(F11)	G/6	: Electric throttle control actuator			
(F12)	GY/9	: To (E62)			
(F13)	B/4	: To (E70) (LHD models)			
(F14)	GY/5	: Mass air flow sensor			
(F15)	B/3	: Camshaft position sensor			
(F16)	GY/2	: Engine coolant temperature sensor			
(F17)	B/10	: Park/neutral position switch (With A/T)			
(F18)	B/2	: Back-up lamp switch (With M/T)			
(F20)	G/4	: Heated oxygen sensor 1 (With QG16DE engine)			
(F21)	G/4	: Heated oxygen sensor 2 (With QG16DE engine)			
(F25)	G/2	: Intake valve timing control solenoid valve			
(F26)	GY/3	: Ignition coil No. 1 (With power transistor)			
(F27)	-	: Engine ground			
(F28)	GY/3	: Ignition coil No. 2 (With power transistor)			
(F29)	GY/3	: Ignition coil No. 3 (With power transistor)			
(F30)	GY/3	: Ignition coil No. 4 (With power transistor)			
(F31)	B/6	: To (E63) (RHD models)			
(F32)	B/8	: Terminal cord assembly (With A/T)			
(F33)	GY/2	: Injector No. 2			
(F34)	GY/2	: Injector No. 1			
(F35)	GY/2	: Injector No. 4			
(F36)	GY/2	: Injector No. 3			
(F37)	G/4	: Heated oxygen sensor 2 (Bank 2) (With QG18DE engine)			
(F38)	G/4	: Heated oxygen sensor 1 (Bank 1) (With QG18DE engine)			
(F39)	G/4	: Heated oxygen sensor 1 (Bank 2) (With QG18DE engine)			
(F40)	G/4	: Heated oxygen sensor 2 (Bank 1) (With QG18DE engine)			
(F41)	-	: Starter motor (With M/T except for cold area)			
(F42)	GY/1	: Starter motor (With M/T for cold area and with A/T)			

★ : 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

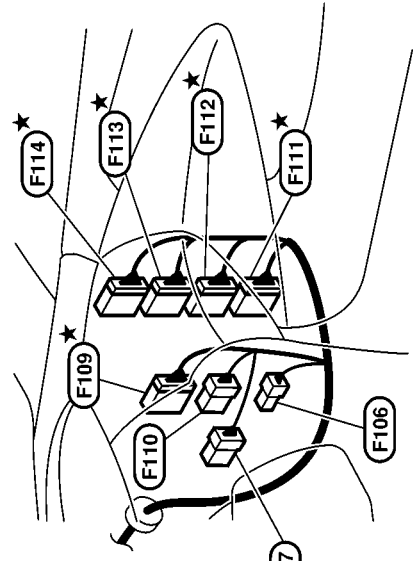
ENGINE CONTROL HARNESS/YD ENGINE



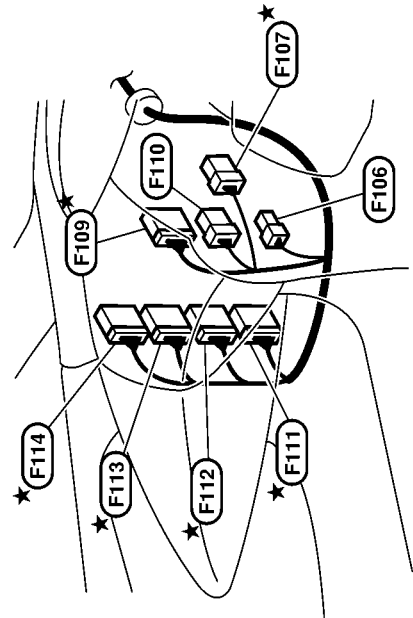
Body ground

★ : 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.

LHD models



RHD models



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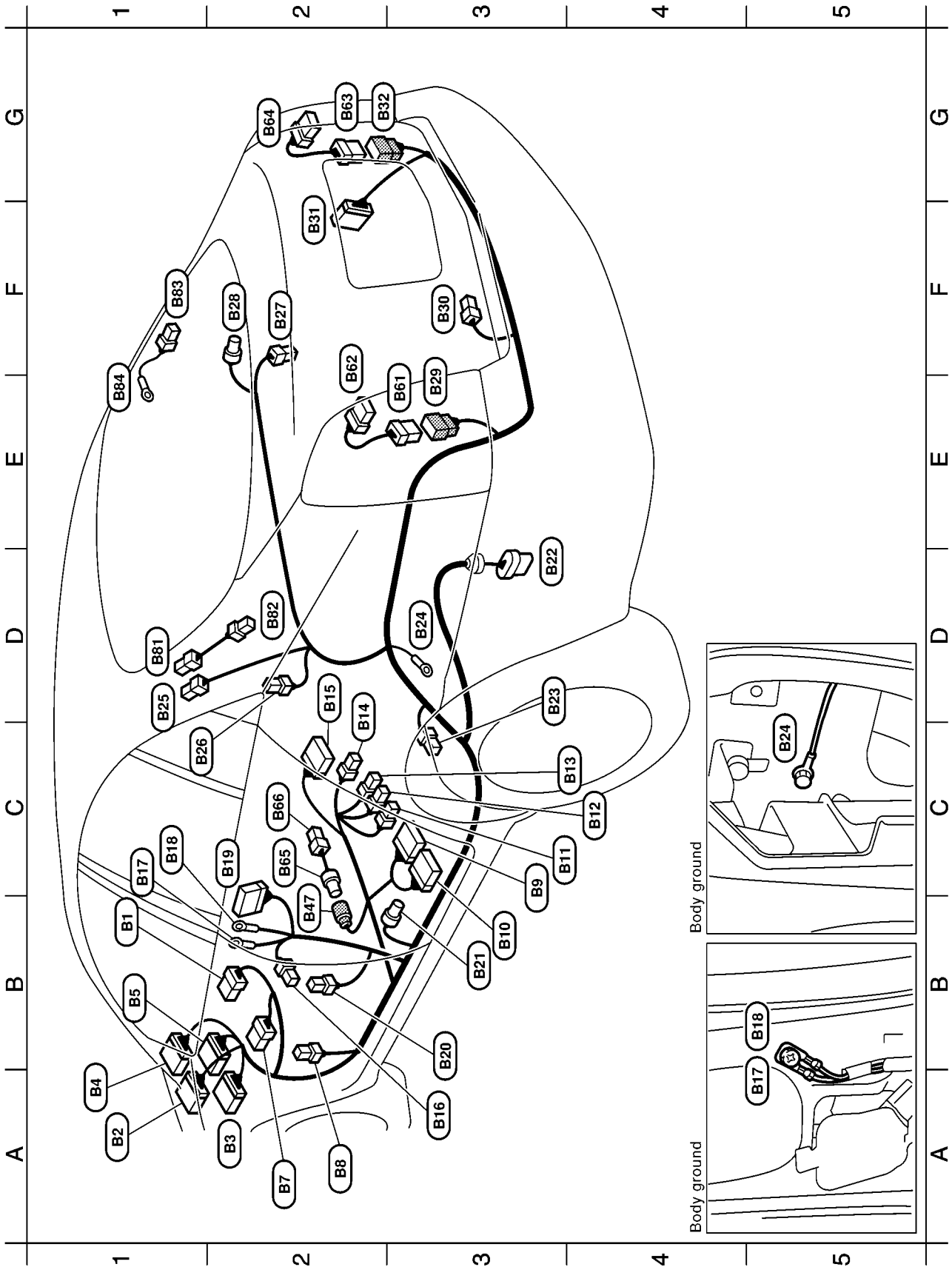
HARNESSES

(F9)	B/2	:	Park/neutral position switch
★ (F12)	GY/9	:	To (E62)
★ (F14)	GY/5	:	Mass air flow sensor
★ (F16)	GY/2	:	Engine coolant temperature sensor
(F18)	B/2	:	Back-up lamp switch
(F19)	B/1	:	Starter motor
(F27)	-	:	Engine ground
★ (F51)	-/5	:	EDU (Electronic drive unit)
★ (F52)	-/8	:	EDU (Electronic drive unit)
★ (F53)	-	:	Engine ground
★ (F54)	W/2	:	Fuel temperature sensor
★ (F55)	B/2	:	Power steering oil pressure switch
★ (F56)	-/2	:	Fuel supply pump
★ (F57)	-/2	:	Fuel supply pump
★ (F58)	GY/3	:	Charge air pressure sensor
★ (F59)	-/2	:	Crankshaft position sensor
★ (F61)	-/6	:	EGR volume control valve
★ (F62)	-/2	:	Camshaft position sensor
★ (F63)	-/4	:	Fuel injector No. 1
★ (F64)	-/4	:	Fuel injector No. 2
★ (F65)	-/4	:	Fuel injector No. 3
★ (F66)	-/4	:	Fuel injector No. 4
★ (F67)	-/3	:	Common rail fuel pressure sensor
★ (F68)	-/2	:	Variable nozzle turbo charger control solenoid valve
★ (F106)	W/2	:	To (M78)
★ (F107)	BR/6	:	ECM relay
★ (F109)	W/24	:	To (M77)
★ (F110)	W/8	:	To (M80)
★ (F111)	W/31	:	ECM
★ (F112)	W/24	:	ECM
★ (F113)	W/28	:	ECM
★ (F114)	W/22	:	ECM

★ : 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 HARNESS/SEDAN LHD MODELS



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PG

MKWA0322E

Sub-harness	
E3 (B61)	W/6 : To (B29)
F2 (B62)	-/6 : Rear combination lamp LH
G2 (B63)	W/6 : To (B32)
G2 (B64)	-/6 : Rear combination lamp RH
C2 (B65)	BR/3 : To (B47)
C2 (B66)	-/4 : Tyre pressure monitoring antenna (Receiver)

(With tyre pressure monitoring system)

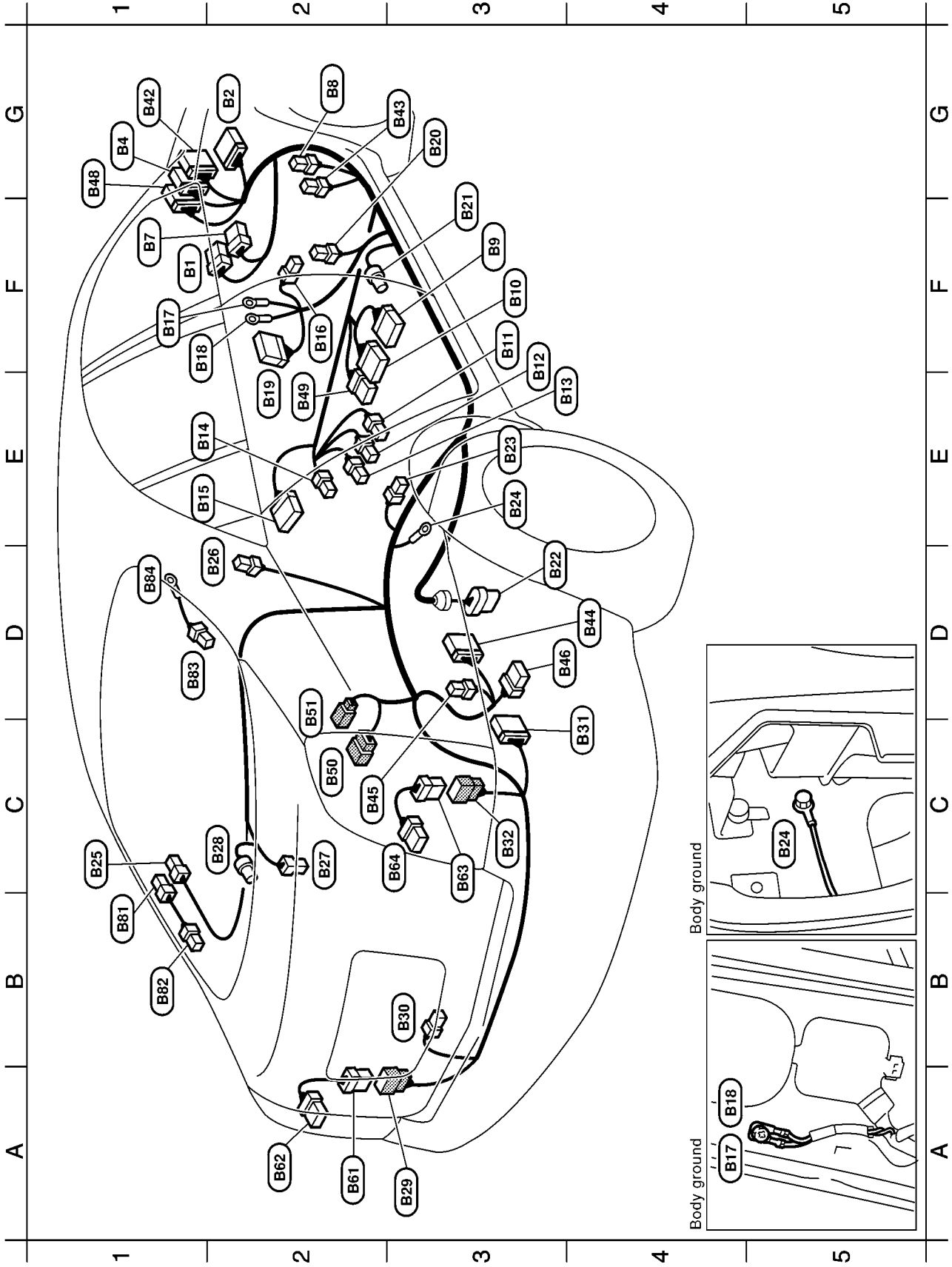
Rear window defogger harness

D1 (B81)	B/1 : Condenser
D2 (B82)	B/1 : Rear window defogger
F1 (B83)	B/1 : Rear window defogger
E1 (B84)	- : Body ground

B1 (B1)	W/8 : Fuse block (J/B)
A1 (B2)	BR/16 : To (M20)
A2 (B3)	W/20 : To (M21)
A1 (B4)	W/24 : To (M22)
B1 (B5)	BR/20 : To (M23)
A2 (B7)	BR/6 : Rear window defogger relay
A2 (B8)	L/4 : Fuel pump relay
C3 (B9)	W/24 : ICC unit (With CVT)
B3 (B10)	GY/24 : ICC unit (With CVT)
C4 (B11)	W/3 : Heated seat LH
C4 (B12)	W/2 : Seat belt buckle switch LH
C4 (B13)	W/2 : Power seat LH
C2 (B14)	Y/2 : Front LH side air bag module
D2 (B15)	Y/12 : Air bag diagnosis sensor unit
A3 (B16)	W/3 : Front door switch LH
C1 (B17)	- : Body ground
C1 (B18)	- : Body ground
C2 (B19)	W/12 : To (D51)
B3 (B20)	Y/2 : Front LH seat belt pre-tensioner
B3 (B21)	Y/2 : LH side air bag (satellite) sensor
D3 (B22)	GY/5 : Fuel level sensor unit and fuel pump
D3 (B23)	W/1 : Rear door switch LH
D3 (B24)	- : Body ground
D1 (B25)	B/1 : Condenser
C1 (B26)	Y/2 : LH side curtain air bag module
F2 (B27)	W/2 : Trunk room lamp
F2 (B28)	-/2 : High-mounted stop lamp
E3 (B29)	W/6 : To (B61)
F3 (B30)	W/4 : Trunk release actuator
F2 (B31)	W/16 : CD auto-changer
G2 (B32)	W/6 : To (B63)
B2 (B47)	BR/3 : To (B65) (With tyre pressure monitoring system)

HARNESS

BODY HARNESS/SEDAN RHD MODELS



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Sub-harness

C2	(B50)	GY/8	:	To	(T1)	(With rear view monitor)
C2	(B51)	W/4	:	To	(T2)	(Without rear view monitor)
A2	(B61)	W/6	:	To	(B29)	
A2	(B62)	-/6	:			Rear combination lamp LH
C3	(B63)	W/6	:	To	(B32)	
C3	(B64)	-/6	:			Rear combination lamp RH

Rear window defogger harness

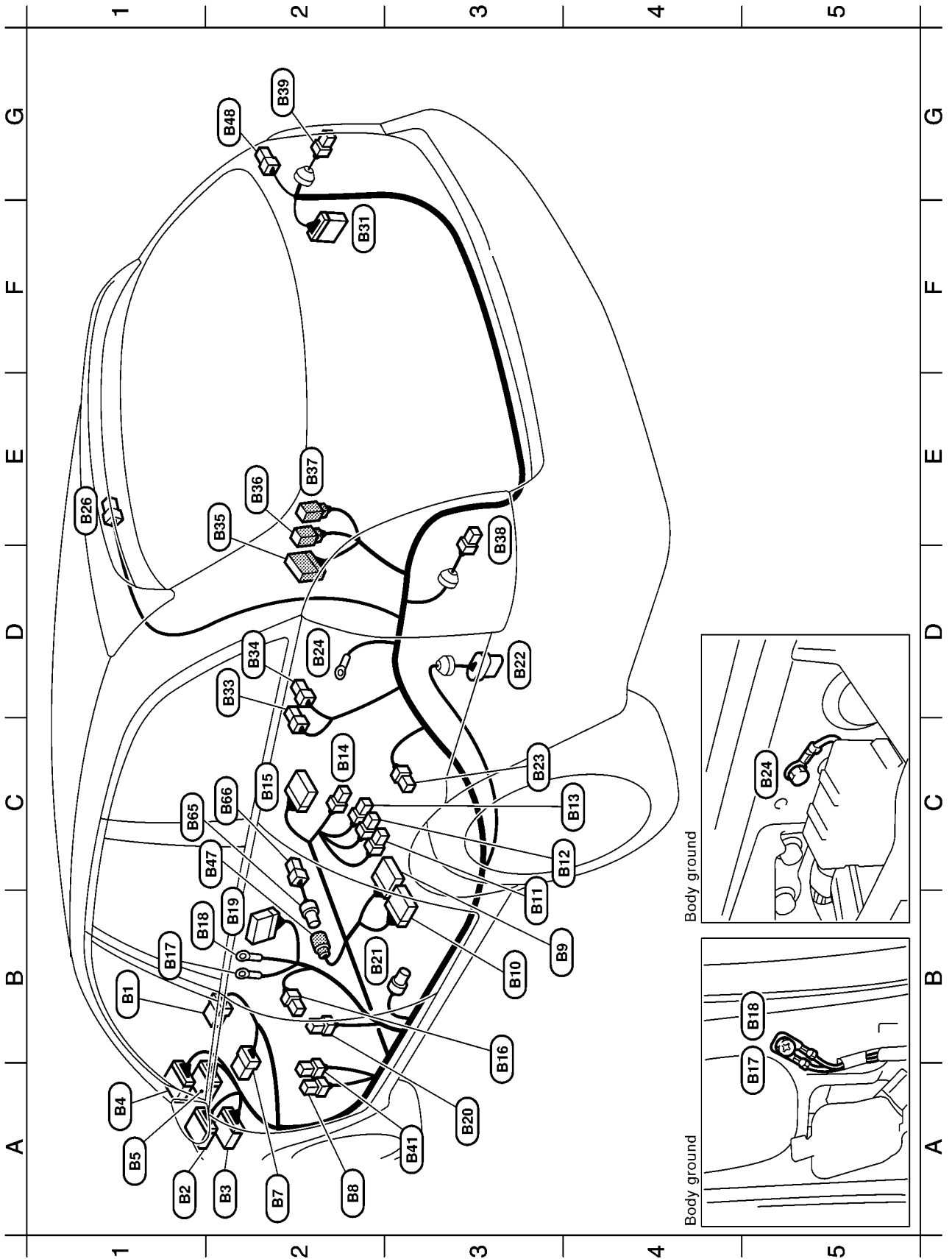
B1	(B81)	B/1	:			Condenser
B1	(B82)	B/1	:			Rear window defogger
D1	(B83)	B/1	:			Rear window defogger
D1	(B84)	-	:			Body ground

F1	(B1)	W/8	:	Fuse block (J/B)
G2	(B2)	BR/16	:	To (M20)
G1	(B4)	W/24	:	To (M22)
F1	(B7)	BR/6	:	Rear window defogger relay
G2	(B8)	L/4	:	Fuel pump relay
F3	(B9)	W/24	:	ICC unit (With CVT)
F3	(B10)	GY/24	:	ICC unit (With CVT)
F3	(B11)	W/3	:	Heated seat RH
F3	(B12)	W/2	:	Seat belt buckle switch RH
E4	(B13)	W/2	:	Power seat RH
E1	(B14)	Y/2	:	Front RH side air bag module
E1	(B15)	Y/12	:	Air bag diagnosis sensor unit
F1	(B16)	W/3	:	Front door switch RH
F1	(B17)	-	:	Body ground
F1	(B18)	-	:	Body ground
E2	(B19)	W/12	:	To (D61)
G3	(B20)	Y/2	:	Front RH seat belt pre-tensioner
F3	(B21)	Y/2	:	RH side air bag (satellite) sensor
D3	(B22)	GY/5	:	Fuel level sensor unit and fuel pump
E3	(B23)	W/1	:	Rear door switch RH
E3	(B24)	-	:	Body ground
C1	(B25)	B/1	:	Condenser
D2	(B26)	Y/2	:	RH side curtain air bag module
C2	(B27)	W/2	:	Trunk room lamp
C2	(B28)	-/2	:	High-mounted stop lamp
A3	(B29)	W/6	:	To (B61)
B3	(B30)	W/4	:	Trunk release actuator
C4	(B31)	W/16	:	CD auto-changer
C3	(B32)	W/6	:	To (B63)
G1	(B42)	GY/24	:	To (M95)
G3	(B43)	L/4	:	Vehicle security horn relay
D4	(B44)	W/16	:	Rear view camera control unit
C2	(B45)	B/1	:	Vehicle security horn
D3	(B46)	-/6	:	Siren control unit
G1	(B48)	BR/24	:	To (M11)
E2	(B49)	W/6	:	Sub woofer

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HARNESS

BODY HARNESS/WAGN LHD MODELS



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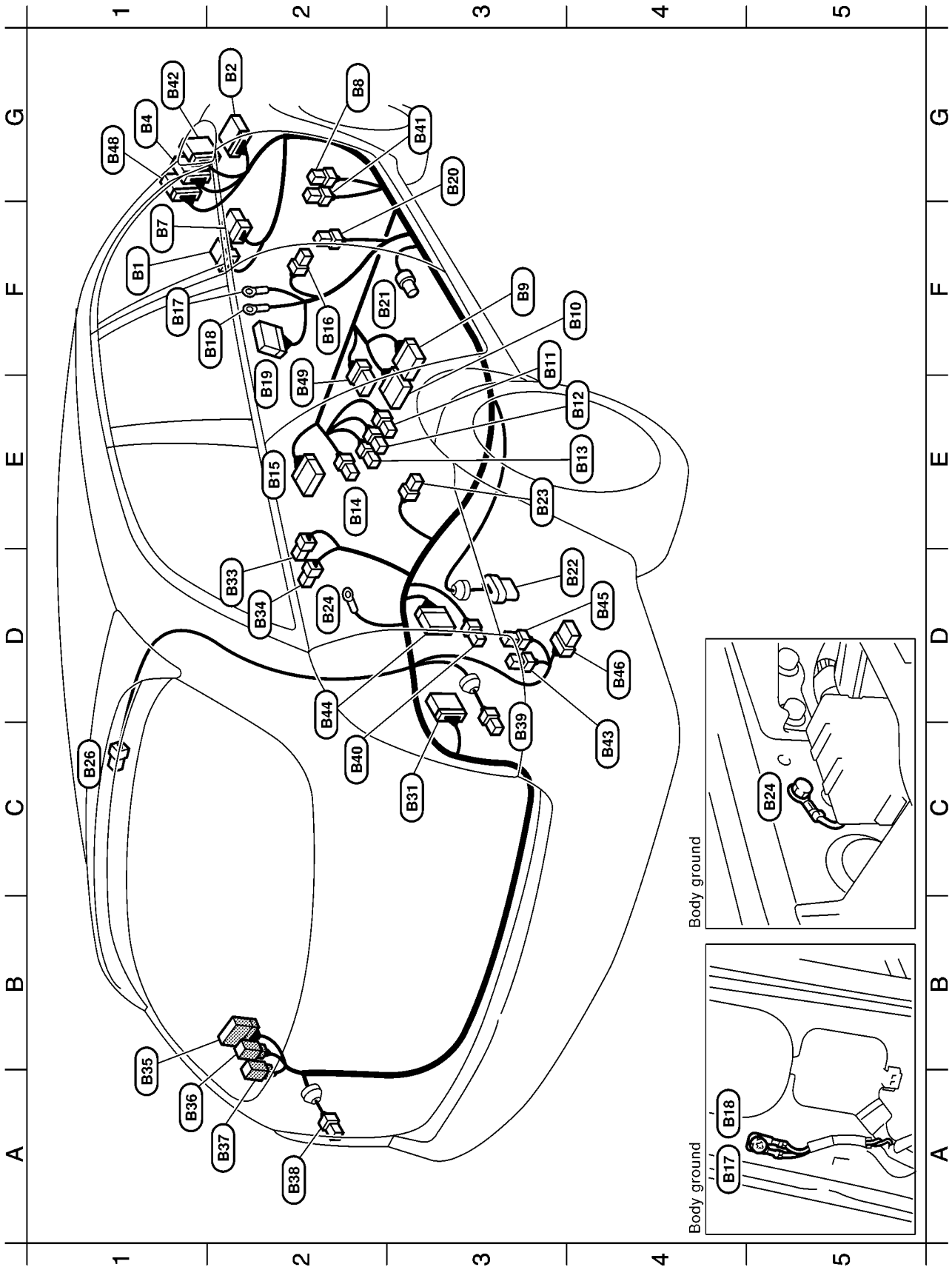
Sub-harness

B1	(B1)	W/8	:	Fuse block (J/B)
A1	(B2)	BR/16	:	To (M20)
A2	(B3)	W/20	:	To (M21)
A1	(B4)	W/24	:	To (M22)
A1	(B5)	BR/20	:	To (M23)
A2	(B7)	BR/6	:	Rear window defogger relay
A2	(B8)	L/4	:	Fuel pump relay
B4	(B9)	W/24	:	ICC unit (With CVT)
B2	(B10)	GY/24	:	ICC unit (With CVT)
B2	(B11)	W/3	:	Heated seat LH
C4	(B12)	W/2	:	Seat belt buckle switch LH
C4	(B13)	W/2	:	Power seat LH
C2	(B14)	Y/2	:	Front LH side air bag module
C2	(B15)	Y/15	:	Air bag diagnosis sensor unit
B2	(B16)	W/3	:	Front door switch LH
B1	(B17)	-	:	Body ground
B1	(B18)	-	:	Body ground
B2	(B19)	W/12	:	To (D51)
A3	(B20)	Y/2	:	Front LH seat belt pre-tensioner
B2	(B21)	Y/2	:	LH side air bag (satellite) sensor
D3	(B22)	GY/5	:	Fuel level sensor unit and fuel pump
C3	(B23)	W/1	:	Rear door switch LH
D2	(B24)	-	:	Body ground
E1	(B26)	Y/2	:	LH side curtain air bag module
F2	(B31)	W/16	:	CD auto-changer
D2	(B33)	B/1	:	Smash sensor LH
D2	(B34)	B/1	:	Smash sensor LH
E2	(B35)	W/12	:	To (D81)
E2	(B36)	W/4	:	To (D82)
E2	(B37)	W/2	:	To (D83)
E3	(B38)	-/4	:	Rear combination lamp LH
G2	(B39)	-/4	:	Rear combination lamp RH
A3	(B41)	L/4	:	Rear power socket relay
C1	(B47)	BR/3	:	To (B65) (With tyre pressure monitoring system)
G2	(B52)	W/3	:	To (B136) (With rear view monitor)

C1 (B65) BR/3 : To (B47)
 C2 (B66) -/4 : Tyre pressure monitoring antenna (Receiver) } (With tyre pressure monitoring system)

HARNESS

BODY HARNESS/WAGON RHD MODELS



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F1	(B1)	W/8	:	Fuse block (J/B)
G2	(B2)	BR/16	:	To (M20)
G1	(B4)	W/24	:	To (M22)
F1	(B7)	BR/6	:	Rear window defogger relay
G2	(B8)	L/4	:	Fuel pump relay
F3	(B9)	W/24	:	ICC unit (With CVT)
F4	(B10)	GY/24	:	ICC unit (With CVT)
F3	(B11)	W/3	:	Heated seat RH
E4	(B12)	W/2	:	Seat belt buckle switch RH
E4	(B13)	W/2	:	Power seat RH
E2	(B14)	Y/2	:	Front RH side air bag module
E2	(B15)	Y/15	:	Air bag diagnosis sensor unit
F2	(B16)	W/3	:	Front door switch RH
F1	(B17)	-	:	Body ground
F2	(B18)	-	:	Body ground
E2	(B19)	W/12	:	To (D61)
G3	(B20)	Y/2	:	Front RH seat belt pre-tensioner
F2	(B21)	Y/2	:	RH side air bag (satellite) sensor
D4	(B22)	GY/5	:	Fuel level sensor unit and fuel pump
E3	(B23)	W/1	:	Rear door switch RH
D2	(B24)	-	:	Body ground
C1	(B26)	Y/2	:	RH side curtain air bag module
C3	(B31)	W/16	:	CD auto-changer
D2	(B33)	B/1	:	Smash sensor RH
D2	(B34)	B/1	:	Smash sensor RH
A1	(B35)	W/12	:	To (D81)
A1	(B36)	W/4	:	To (D82)
A2	(B37)	W/2	:	To (D83)
A2	(B38)	-/4	:	Rear combination lamp LH
C3	(B39)	-/4	:	Rear combination lamp RH
C2	(B40)	B/2	:	Rear power socket
G3	(B41)	L/4	:	Rear power socket relay
G1	(B42)	GY/24	:	To (M95)
C4	(B43)	L/4	:	Vehicle security horn relay
D2	(B44)	W/16	:	Rear view camera control unit
D4	(B45)	B/1	:	Vehicle security horn
D4	(B46)	-/6	:	Siren control unit
G1	(B48)	BR/24	:	To (M11)
E2	(B49)	W/6	:	Sub woofer

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HARNESS

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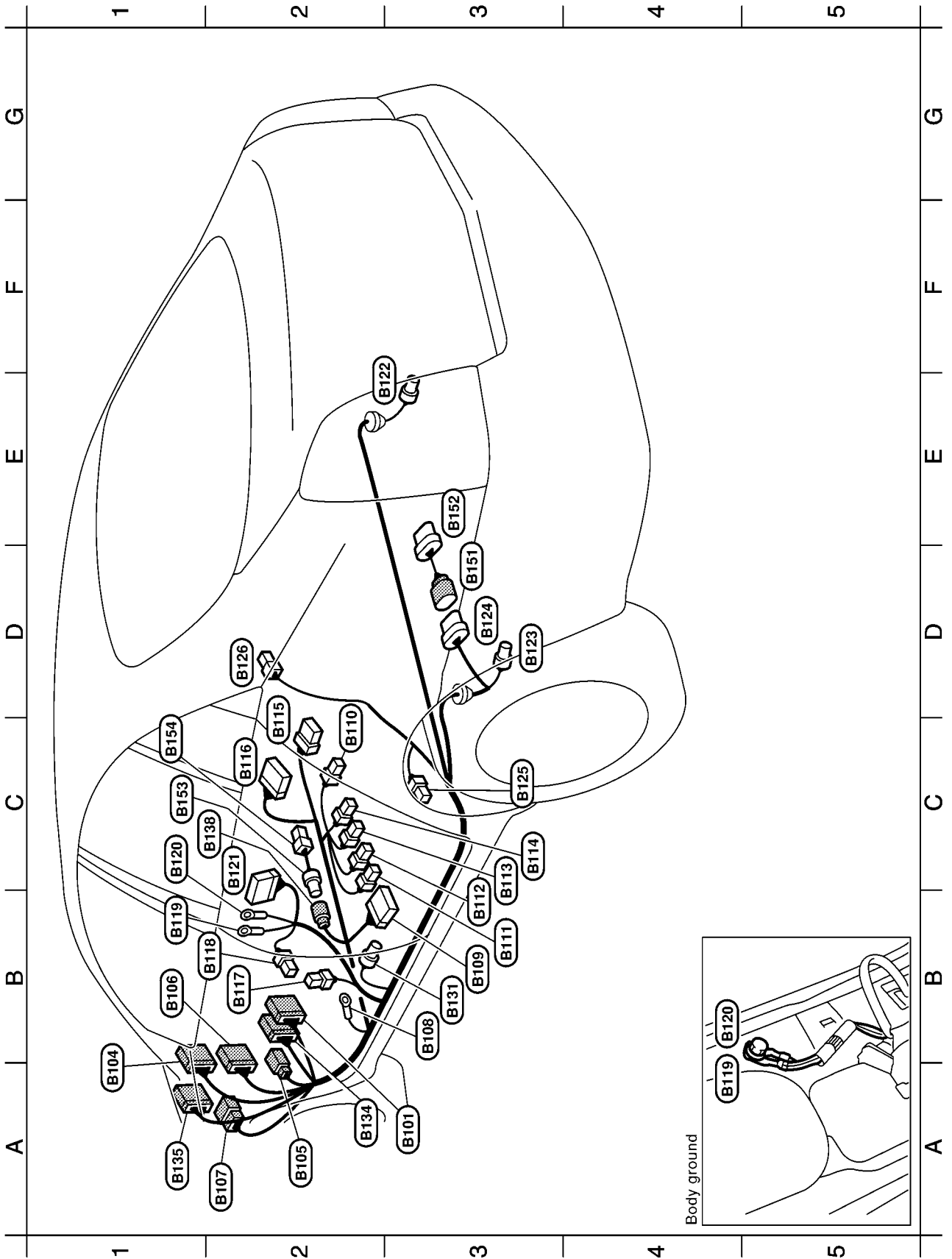
Sub-harness

C3	(B151)	GY/6	:	To	(B124)
D3	(B152)	-/8	:		Height sensor

G3	(B101)	W/24	:	To	(M87)
G1	(B102)	W/16	:	To	(M89)
F1	(B103)	W/12	:	To	(M90) (With ESP)
G1	(B104)	W/16	:	To	(E117) (With ESP)
G1	(B105)	W/2	:	To	(E118) (With ESP)
G1	(B106)	BR/16	:	To	(E119) (With ESP)
G1	(B107)	GY/6	:	To	(E120) (Without ESP)
G3	(B108)	-	:		Body ground (With ESP)
F3	(B109)	B/88	:		ESP/TCS/ABS control unit (With ESP)
E2	(B110)	W/2	:		Seat pressure switch RH
F3	(B111)	W/2	:		Seat belt buckle switch RH
F3	(B112)	W/2	:		Power seat RH
F3	(B113)	W/3	:		Heated seat RH
E2	(B114)	Y/2	:		Front RH side air bag module
E2	(B115)	-/6	:		Yaw rate /side G sensor
E2	(B116)	Y/12	:		Air bag diagnosis sensor unit
F2	(B117)	Y/2	:		Front RH seat belt pre-tensioner
F1	(B118)	W/3	:		Front door switch RH
F1	(B119)	-	:		Body ground
F1	(B120)	-	:		Body ground
F2	(B121)	W/12	:	To	(D61)
D3	(B122)	GY/2	:		Rear wheel sensor RH
C3	(B123)	L/2	:		Rear wheel sensor LH
C3	(B124)	GY/6	:	To	(B151)
E3	(B125)	W/1	:		Rear door switch RH
D2	(B126)	Y/2	:		RH side curtain air bag module
D2	(B127)	GY/8	:	To	(T1) (With rear view monitor)
D2	(B128)	W/4	:	To	(T2) (Without rear view monitor)
D3	(B129)	-/6	:		Siren control unit
D3	(B130)	W/16	:		Rear view camera control unit (With rear view monitor)
F3	(B131)	Y/2	:		RH side air bag (Satellite) sensor
G1	(B139)	W/6	:	To	(M99) (Without ESP)
F3	(B140)	W/6	:		Sub woofer

HARNESS

BODY NO.2 HARNESS/SEDAN RHD MODELS



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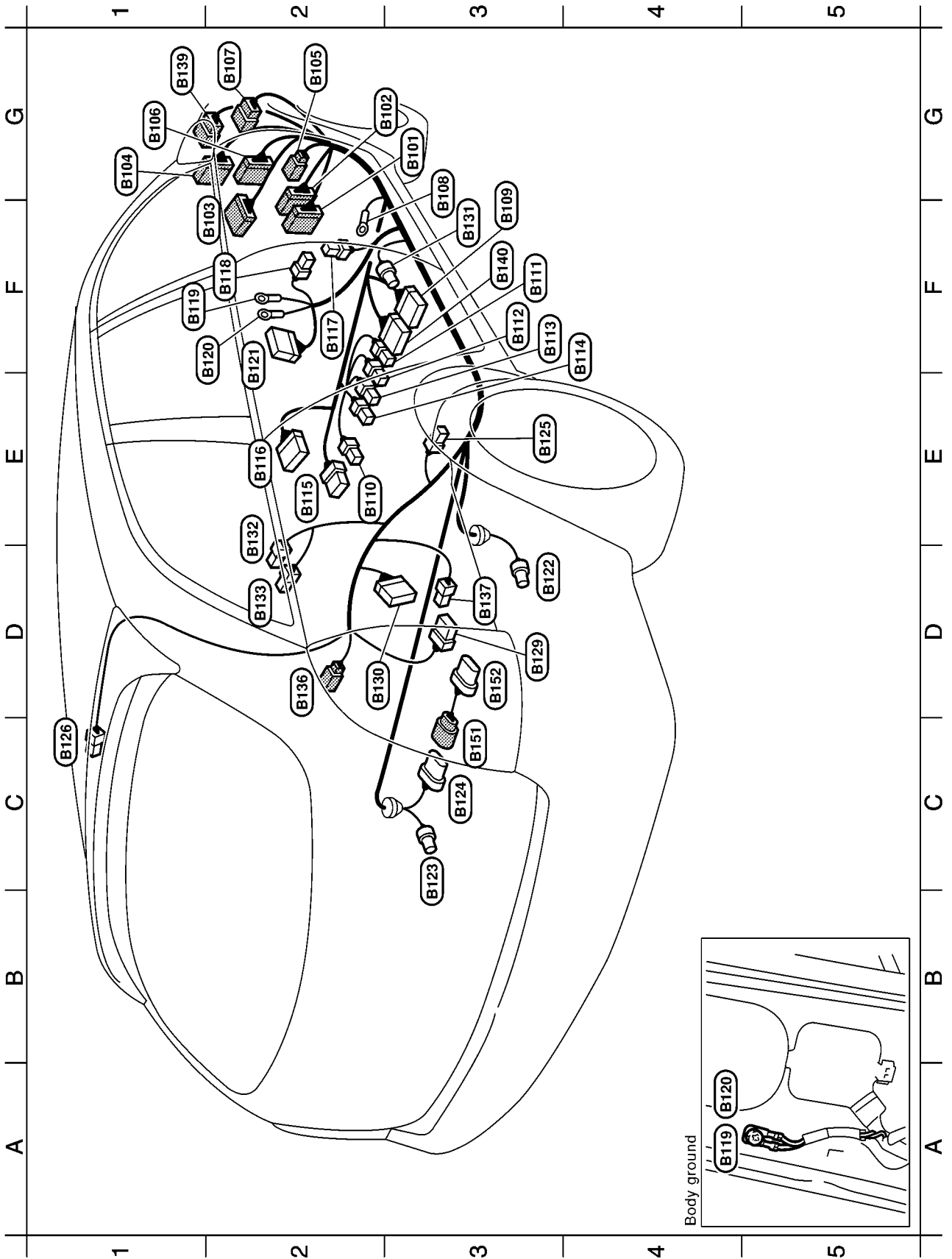
A3	Ⓓ101	W/24	:	To	Ⓓ187	
A1	Ⓓ104	W/16	:	To	Ⓓ117 (With ESP)	
A2	Ⓓ105	W/2	:	To	Ⓓ118 (With ESP)	
B1	Ⓓ106	BR/16	:	To	Ⓓ119 (With ESP)	
A2	Ⓓ107	GY/6	:	To	Ⓓ120 (Without ESP)	
B3	Ⓓ108	-	:	Body ground	(With ESP)	
B3	Ⓓ109	B/88	:	ESP/TCS/ABS control unit	(With ESP)	
C2	Ⓓ110	W/2	:	Seat pressure switch	LH	
B3	Ⓓ111	W/2	:	Seat belt buckle switch	LH	
B3	Ⓓ112	W/2	:	Power seat	LH	
C3	Ⓓ113	W/3	:	Heated seat	LH	
C3	Ⓓ114	Y/2	:	Front LH side air bag	module	
C2	Ⓓ115	-/6	:	Yaw rate /side G	sensor	
C2	Ⓓ116	Y/12	:	Air bag diagnosis	sensor unit	
B2	Ⓓ117	Y/2	:	Front LH seat belt	pre-tensioner	
B2	Ⓓ118	W/3	:	Front door switch	LH	
B1	Ⓓ119	-	:	Body ground		
C1	Ⓓ120	-	:	Body ground		
C2	Ⓓ121	W/12	:	To	Ⓓ51	
E3	Ⓓ122	GY/2	:	Rear wheel sensor	RH	
D3	Ⓓ123	L/2	:	Rear wheel sensor	LH	
D3	Ⓓ124	GY/6	:	To	Ⓓ151	
C3	Ⓓ125	W/1	:	Rear door switch	LH	
D2	Ⓓ126	Y/2	:	LH side curtain air bag	module	
B3	Ⓓ131	Y/2	:	LH side air bag	(Satellite) sensor	
A2	Ⓓ134	W/12	:	To	Ⓓ91 (With ESP)	
A1	Ⓓ135	W/10	:	To	Ⓓ92 (Without ESP)	
C1	Ⓓ138	BR/3	:	To	Ⓓ153 (With tyre pressure monitoring system)	

Sub-harness

D3	Ⓓ151	GY/6	:	To	Ⓓ124	
E3	Ⓓ152	-/8	:	Height sensor		
C1	Ⓓ153	BR/3	:	To	Ⓓ138	
C1	Ⓓ154	-/4	:	Tyre pressure monitoring antenna (Receiver)		(With tyre pressure monitoring system)

HARNESS

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HARNESSES

Sub-harness

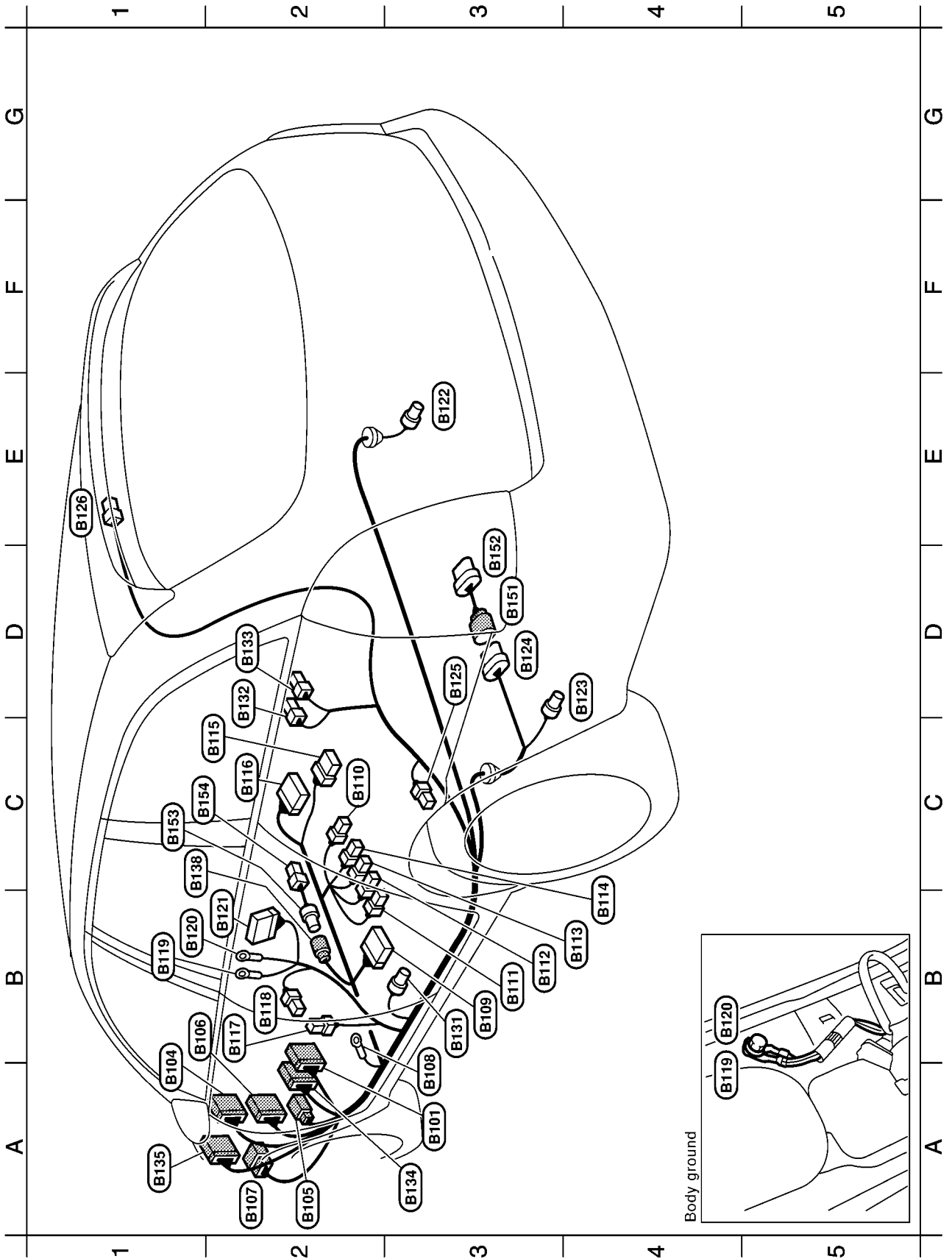
C3	B151	GY/6	:	To	B124
D3	B152	-/8	:		Height sensor

G3	B101	W/24	:	To	M87
G3	B102	W/16	:	To	M89
F1	B103	W/12	:	To	M90 (With ESP)
G1	B104	W/16	:	To	E117 (With ESP)
G2	B105	W/2	:	To	E118 (With ESP)
G1	B106	BR/16	:	To	E119 (With ESP)
G2	B107	GY/6	:	To	E120 (Without ESP)
G3	B108	-	:		Body ground (With ESP)
F3	B109	B/88	:		ESP/TCS/ABS control unit (With ESP)
E2	B110	W/2	:		Seat pressure switch RH
F3	B111	W/2	:		Seat belt buckle switch RH
F3	B112	W/2	:		Power seat RH
F3	B113	W/3	:		Heated seat RH
F3	B114	Y/2	:		Front RH side air bag module
E2	B115	-/6	:		Yaw rate /side G sensor
E2	B116	Y/12	:		Air bag diagnosis sensor unit
F2	B117	Y/2	:		Front RH seat belt pre-tensioner
F2	B118	W/3	:		Front door switch RH
F1	B119	-	:		Body ground
F1	B120	-	:		Body ground
F2	B121	W/12	:	To	D61
D3	B122	GY/2	:		Rear wheel sensor RH
C3	B123	L/2	:		Rear wheel sensor LH
C3	B124	GY/6	:	To	B151
E3	B125	W/1	:		Rear door switch RH
C1	B126	Y/2	:		RH side curtain air bag module
D3	B129	-/6	:		Siren control unit
D2	B130	W/16	:		Rear view camera control unit (With rear view monitor)
F3	B131	Y/2	:		RH side air bag (Satellite) sensor
E2	B132	B/1	:		Smash sensor RH
D2	B133	B/1	:		Smash sensor RH
D2	B136	W/3	:	To	B52 (With rear view monitor)
D3	B137	B/2	:		Rear power socket
G1	B139	W/6	:	To	M99 (Without ESP)
F3	B140	W/6	:		Sub woofer

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HARNESS

BODY NO.2 HARNESS/WAGON RHD MODELS



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Sub-harness

D3	B151	GY/6	:	To	B124
D3	B152	-/8	:		Height sensor
C1	B153	BR/3	:	To	B138
C1	B154	-/4	:		Tyre pressure monitoring antenna (Receiver)

} (With tyre pressure monitoring system)

A3	B101	W/24	:	To	M87
A1	B104	W/16	:	To	E117 (With ESP)
A2	B105	W/2	:	To	E118 (With ESP)
B1	B106	BR/16	:	To	E119 (With ESP)
A2	B107	GY/6	:	To	E120 (Without ESP)
A3	B108	-	:		Body ground (With ESP)
B3	B109	B/88	:		ESP/TCS/ABS control unit (With ESP)
C2	B110	W/2	:		Seat pressure switch LH
B3	B111	W/2	:		Seat belt buckle switch LH
B3	B112	W/2	:		Power seat LH
B4	B113	W/3	:		Heated seat LH
B4	B114	Y/2	:		Front LH side air bag module
C2	B115	-/6	:		Yaw rate /side G sensor
C2	B116	Y/12	:		Air bag diagnosis sensor unit
B2	B117	Y/2	:		Front LH seat belt pre-tensioner
B2	B118	W/3	:		Front door switch LH
B1	B119	-	:		Body ground
B1	B120	-	:		Body ground
B2	B121	W/12	:	To	D51
E3	B122	GY/2	:		Rear wheel sensor RH
D4	B123	L/2	:		Rear wheel sensor LH
D3	B124	GY/6	:	To	B151
D3	B125	W/1	:		Rear door switch LH
E1	B126	Y/2	:		LH side curtain air bag module
B3	B131	Y/2	:		LH side air bag (Satellite) sensor
D2	B132	B/1	:		Smash sensor LH
D2	B133	B/1	:		Smash sensor LH
A3	B134	W/12	:	To	M91 (With ESP)
A1	B135	W/10	:	To	M92 (Without ESP)
C1	B138	BR/3	:	To	B153 (With tyre pressure monitoring system)

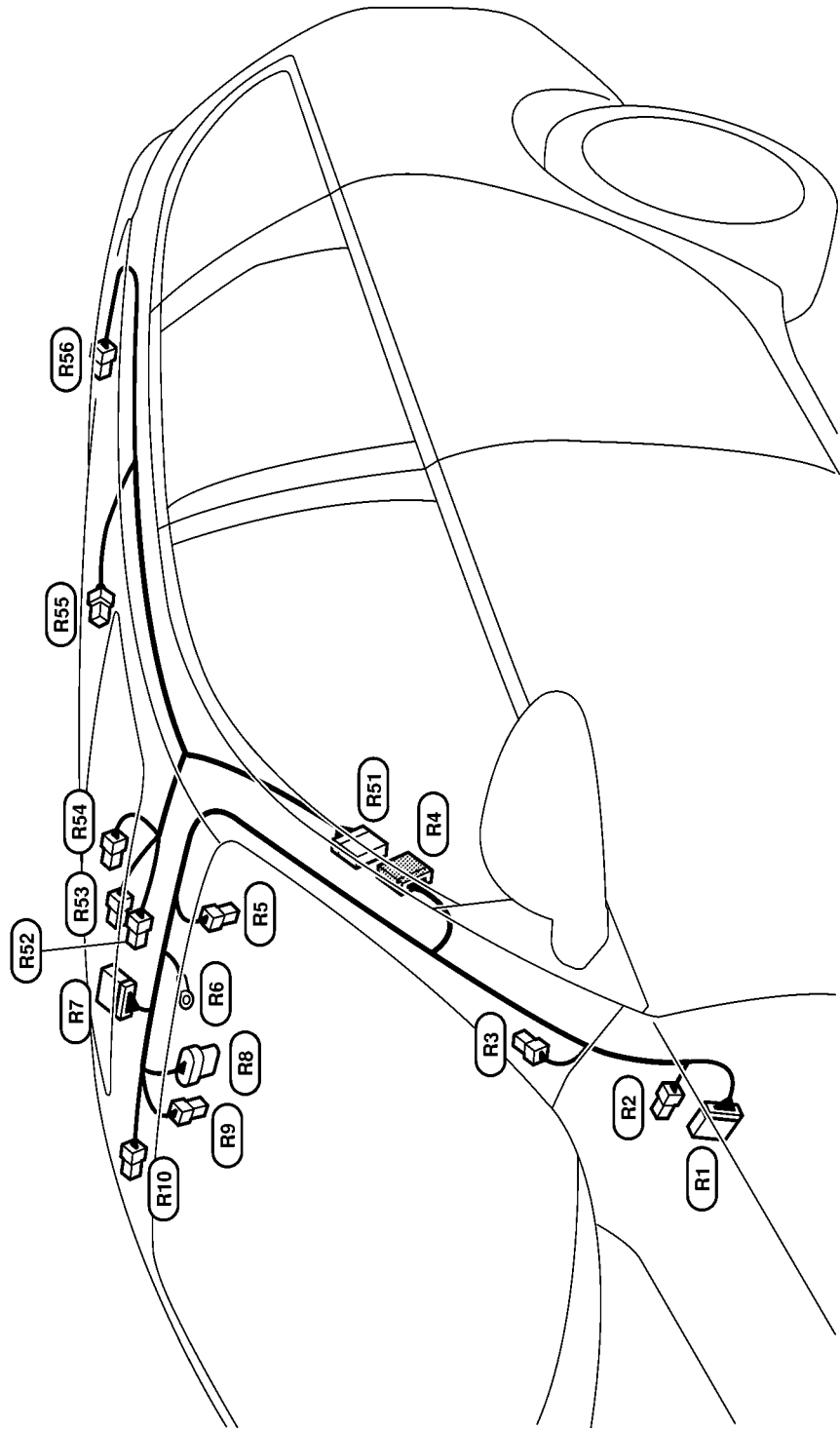
★ : Be sure to connect and lock the connectors securely after repair work.
 Failure to do so may cause the ECM to have diagnostic trouble codes.
Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC and AT sections.

HARNESS

ROOM LAMP HARNESS

(R1)	W/12	:	To (M18)
(R2)	W/3	:	To (M19)
(R3)	BR/2	:	Tweeter LH
(R4)	W/10	:	To (R51)
(R5)	B/2	:	Vanity mirror LH (RHD models)
(R6)	-	:	Body ground
(R7)	-/12	:	Sunroof motor
(R8)	-/6	:	Auto anti-dazzling inside mirror
(R9)	-/4	:	Rain sensor
(R10)	B/2	:	Vanity mirror RH (LHD models)

(R51)	W/10	:	To (R4)
(R52)	W/4	:	Ultrasonic sensor
(R53)	-	:	Spot lamp
(R54)	W/3	:	Sun roof switch
(R55)	-	:	Interior room lamp
(R56)	-	:	Luggage room lamp (Wagon)

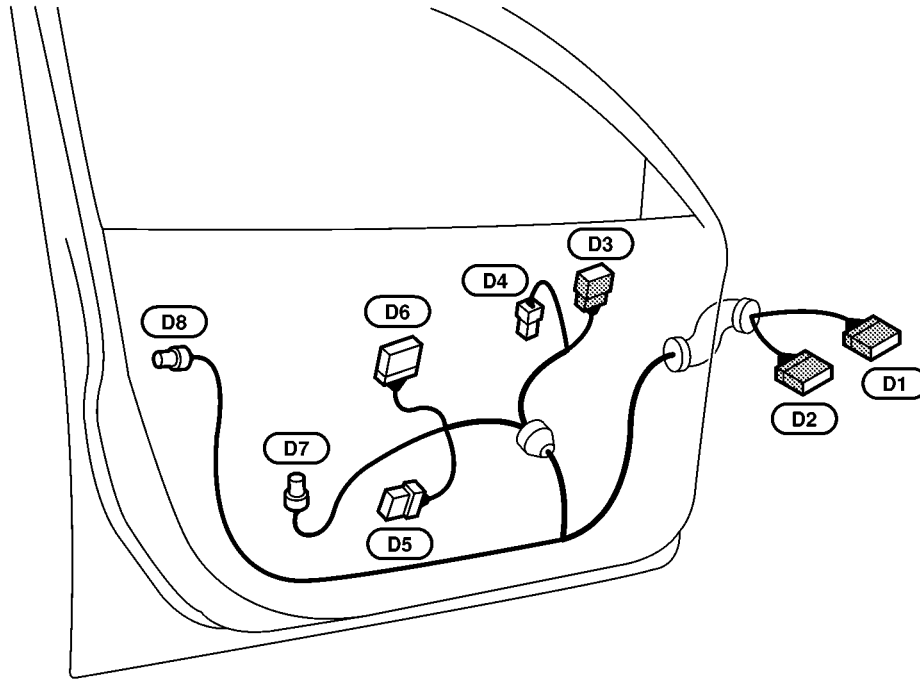


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HARNESS

FRONT DOOR HARNESS LH SIDE/LHD MODELS

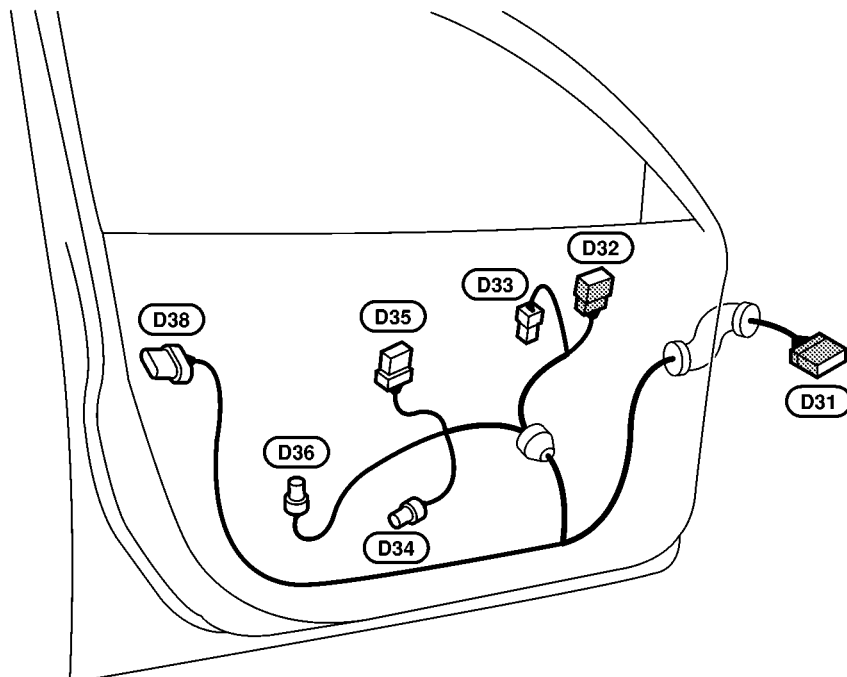
- | | | | |
|-----------|---------------------------|-----------|-------------------------------------------------|
| (D1) W/12 | : To (M14) | (D5) -/6 | : Front power window regulator and control unit |
| (D2) W/16 | : To (M15) | (D6) W/16 | : Power window main switch |
| (D3) GY/8 | : Door mirror actuator LH | (D7) -/2 | : Door step lamp LH |
| (D4) W/2 | : Front door speaker LH | (D8) -/4 | : Door lock actuator LH |



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FRONT DOOR HARNESS LH SIDE/RHD MODELS

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|------------|-----------------------------------|-----------|--------------------------------|
| (D31) W/16 | : To (M86) | (D35) W/8 | : Front power window switch LH |
| (D32) GY/8 | : Door mirror actuator LH | (D36) -/2 | : Door step lamp LH |
| (D33) W/2 | : Front door speaker LH | (D38) -/6 | : Door lock actuator LH |
| (D34) -/2 | : Front power window regulator LH | | |

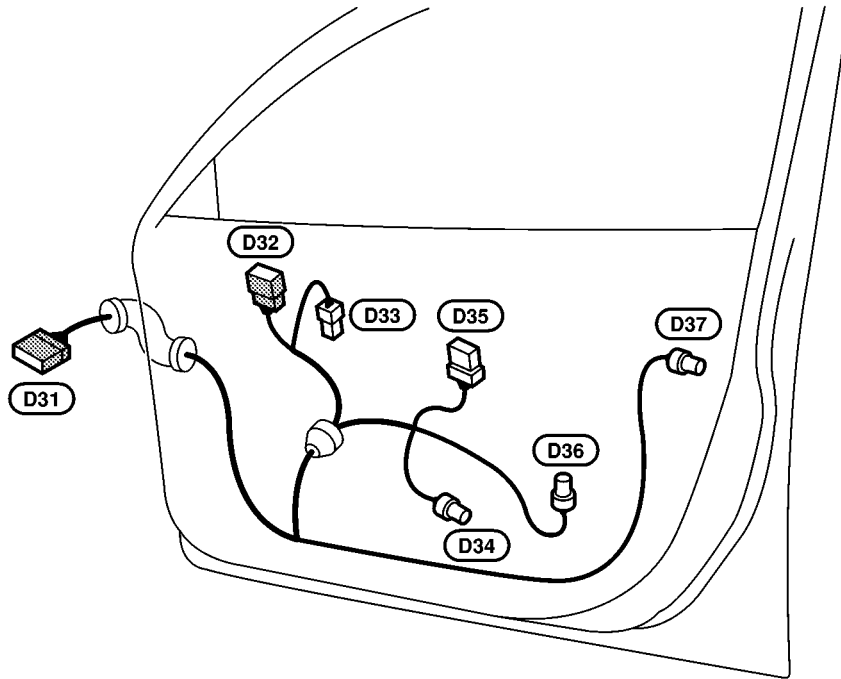


MKWA0340E

HARNESS

FRONT DOOR HARNESS RH SIDE/LHD MODELS

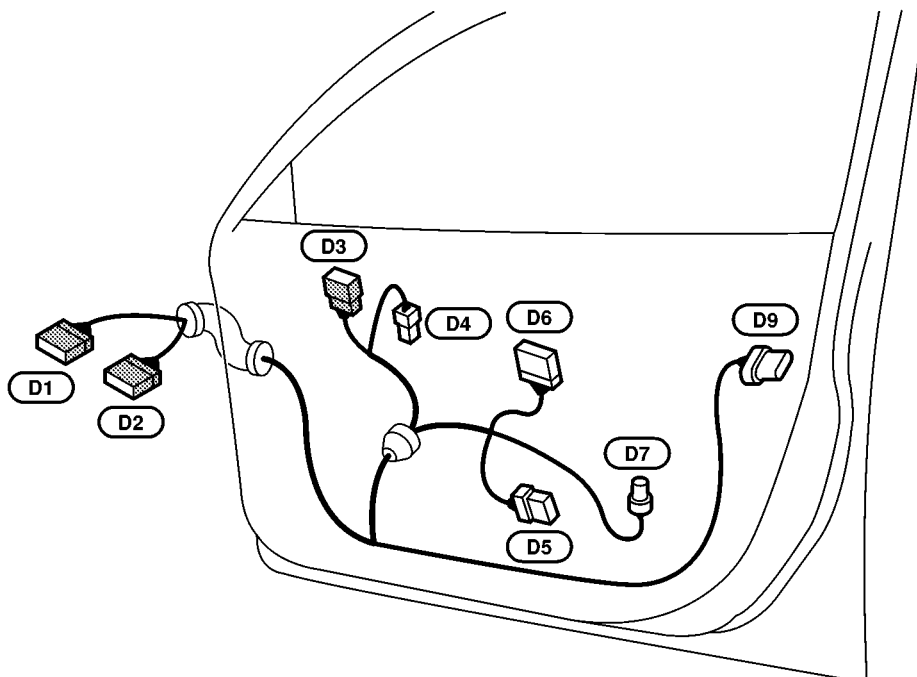
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|---------------------------------------------|------------------------------------------|
| (D31) W/16 : To (M86) | (D35) W/8 : Front power window switch RH |
| (D32) GY/8 : Door mirror actuator RH | (D36) -/2 : Door step lamp RH |
| (D33) W/2 : Front door speaker RH | (D37) -/4 : Door lock actuator RH |
| (D34) -/2 : Front power window regulator RH | |



MKWA0341E

FRONT DOOR HARNESS RH SIDE/RHD MODELS

- | | |
|-------------------------------------|----------------------------------------------------------|
| (D1) W/12 : To (M14) | (D5) -/6 : Front power window regulator and control unit |
| (D2) W/16 : To (M15) | (D6) W/16 : Power window main switch |
| (D3) GY/8 : Door mirror actuator RH | (D7) -/2 : Door step lamp RH |
| (D4) W/2 : Front door speaker RH | (D9) -/6 : Door lock actuator RH |



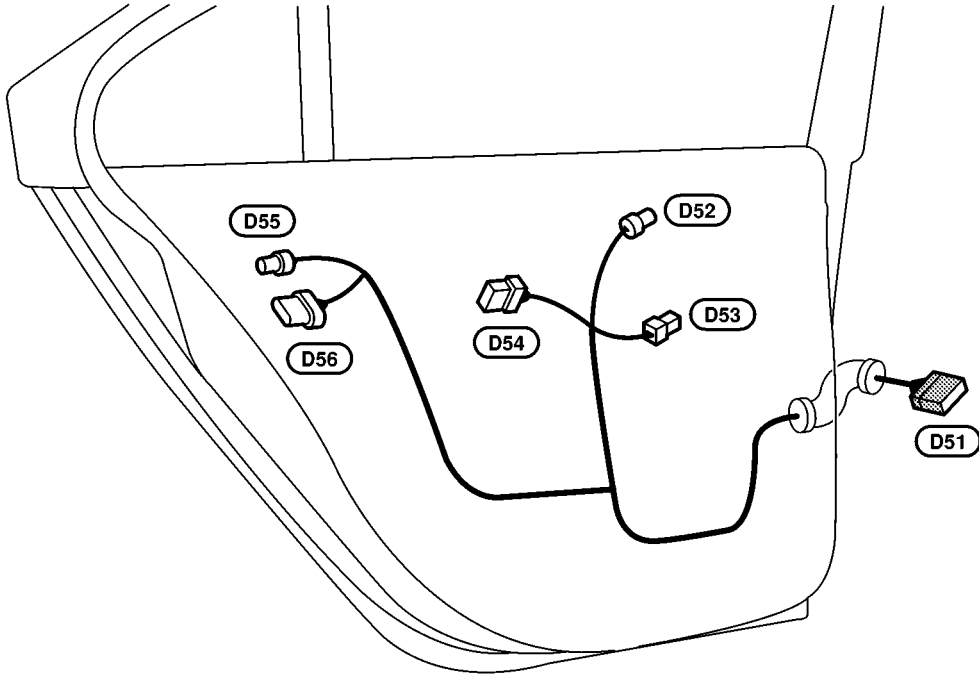
MKWA0342E

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HARNESS

REAR DOOR HARNESS LH

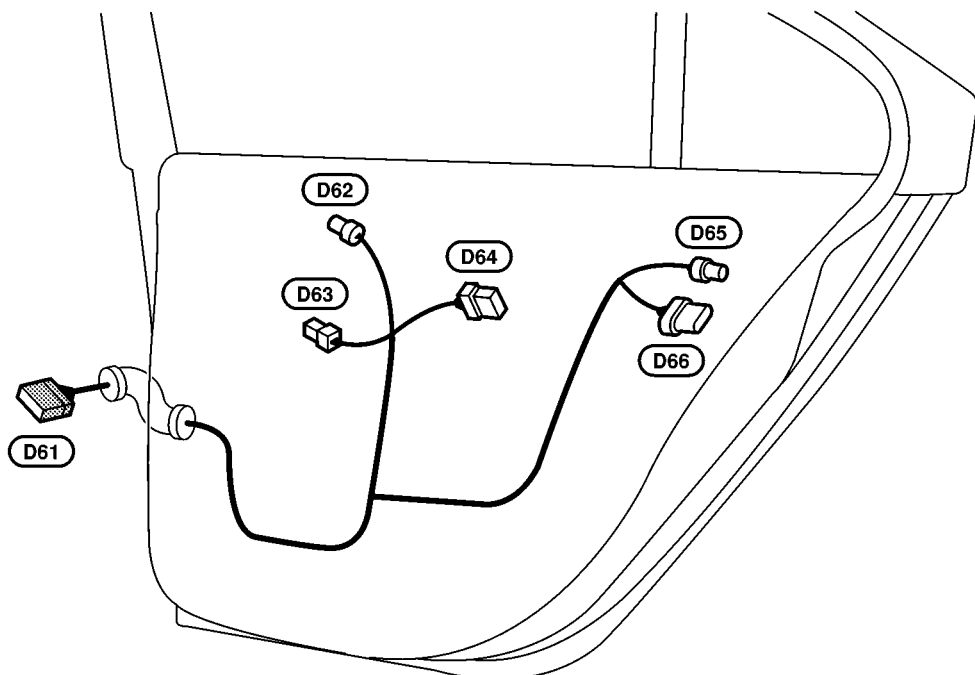
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|-----------------|-------------------------------------------------------------|----------------|-------------------------------------------|
| D51 W/12 | : To B19 (LHD models)
To B121 (RHD models) | D54 W/8 | : Rear power window switch LH |
| D52 -/2 | : Rear power window regulator LH | D55 -/4 | : Rear door lock actuator LH (LHD models) |
| D53 W/2 | : Rear door speaker LH | D56 -/6 | : Rear door lock actuator LH (RHD models) |



MKWA0343E

REAR DOOR HARNESS RH

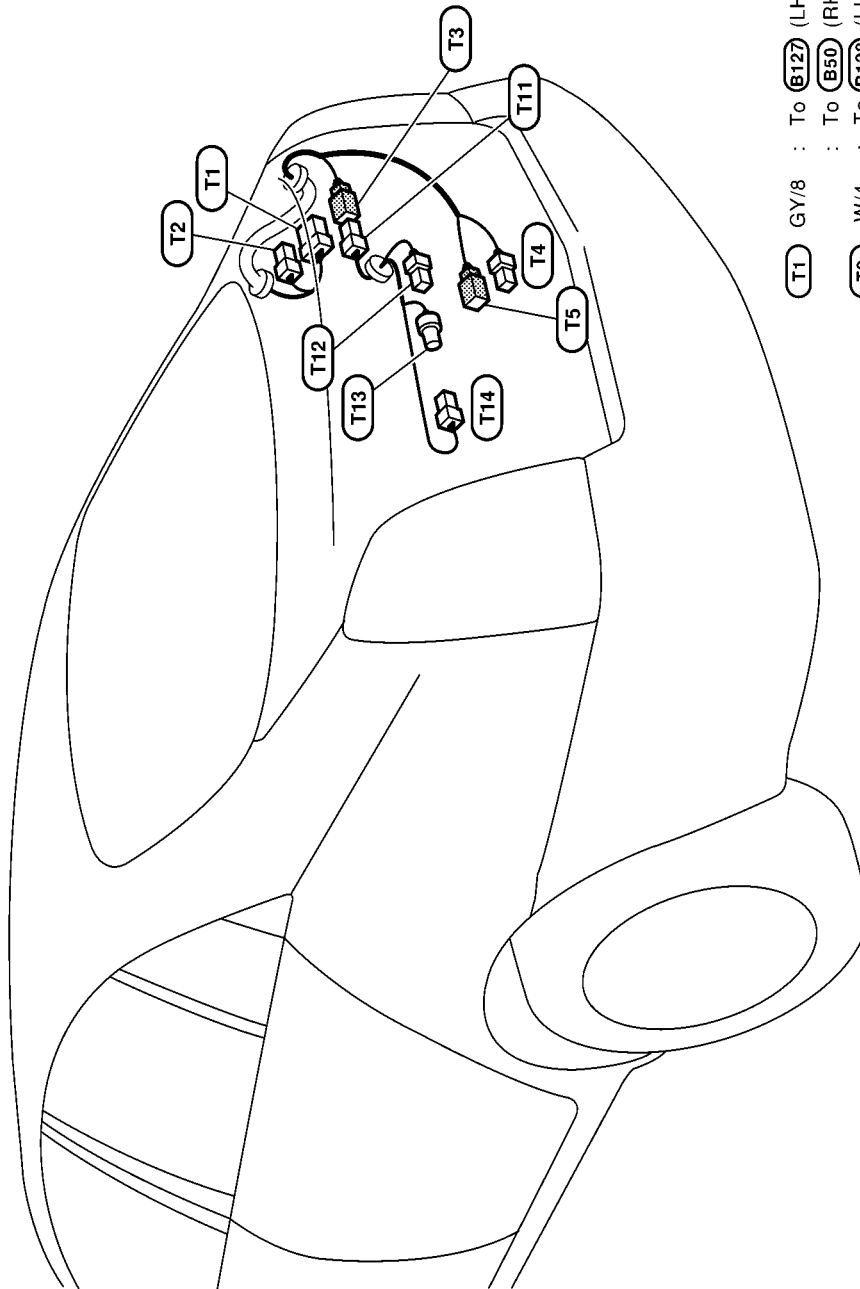
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|-----------------|-------------------------------------------------------------|----------------|-------------------------------------------|
| D61 W/12 | : To B121 (LHD models)
To B19 (RHD models) | D64 W/8 | : Rear power window switch RH |
| D62 -/2 | : Rear power window regulator RH | D65 -/4 | : Rear door lock actuator RH (LHD models) |
| D63 W/2 | : Rear door speaker RH | D66 -/6 | : Rear door lock actuator RH (RHD models) |



MKWA0344E

HARNESS

TAIL HARNESS



- (T1) GY/8 : To (B127) (LHD models with rear view monitor)
- : To (B50) (RHD models with rear view monitor)
- (T2) W/4 : To (B128) (LHD models without rear view monitor)
- : To (B51) (RHD models without rear view monitor)
- (T3) W/4 : To (T11)
- (T4) B/2 : Trunk room lamp switch
- (T5) W/4 : Rear view camera (With rear view monitor)

Tail No. 2 harness

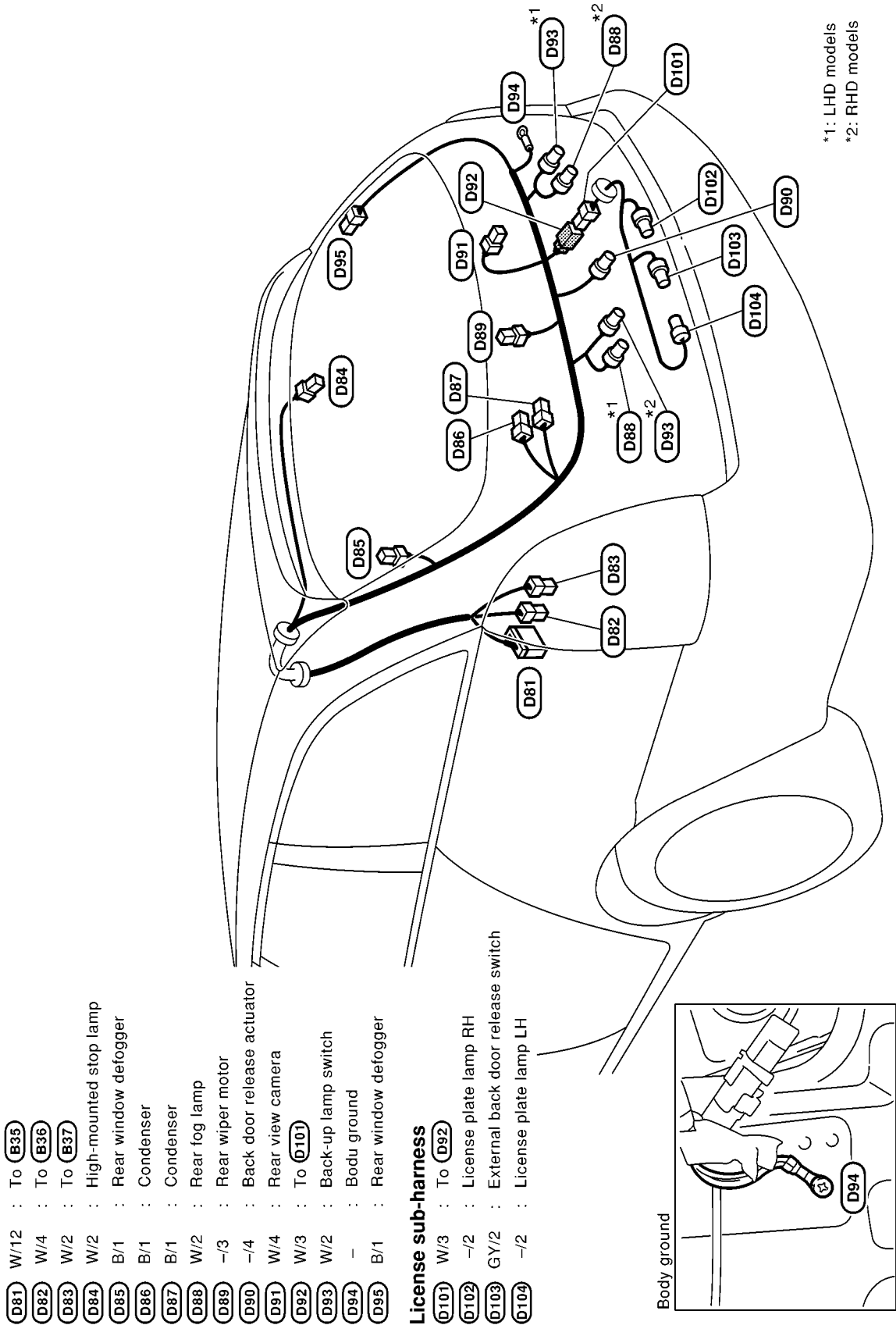
- (T11) W/4 : To (T3)
- (T12) -/2 : License plate lamp RH
- (T13) GY/2 : External trunk release switch
- (T14) -/2 : License plate lamp LH

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HARNESS

BACK DOOR HARNESS



MKWA0346E

HARNESS

Wiring Diagram Codes (Cell Codes)

EKS0044G

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
1STSIG	AT	A/T 1ST Signal
2NDSIG	AT	A/T 2ND Signal
3RDSIG	AT	A/T 3RD Signal
4TFSIG	AT	A/T 4TH Signal
A/C	ATC	Air Conditioner
A/WIP	WW	Wiper and Washer - Auto
ABS	BRC	Anti-lock Brake System
APPS	EC	Accelerator pedal position Sensor
APPS1	EC	Accelerator pedal position Sensor 1
APPS2	EC	Accelerator pedal position Sensor 2
APPS3	EC	Accelerator pedal position Sensor
APRSW	EC	Accelerator Pedal Released Position Switch
AT/IND	DI	A/T Indicator
AUDIO	AV	Audio
BA/FTS	AT	A/T Fluid Temperature Sensor and TCM Power Supply
BACK/L	LT	Back-up Lamp
BOOST	EC	Charge Air Pressure Sensor
BRK/SW	EC	Brake Switch
CAN	AT	CAN Communication Line
CAN	CVT	CAN Communication Line
CAN	EC	CAN Communication Line
CAN	LAN	CAN System
CHARGE	SC	Charging System
CHME	DI	Warning Chime
CIGAR	WW	Cigarette Lighter
CKPS	EC	Crankshaft Position Sensor (TDC)
CMPS	EC	Camshaft Position Sensor
COMM	AV	Audio Visual Communication Line
COMM	DI	VFD, LCD Display
COOL/F	EC	Cooling Fan Control
COOL/F	EC	Cooling Fan Control
CRFPS	EC	Common Rail Fuel Pressure Sensor
D/LOCK	BL	Power Door Lock
DEF	GW	Rear Window Defogger
DTRL	LT	Headlamp - With Daytime Light System
ECM/PW	EC	ECM Power Supply
ECMRLY	EC	ECM Relay
ECTS	EC	Engine Coolant Temperature Sensor
EDU	EC	EDU
EGRC/V	EC	EGR Volume Control System
ENGSS	AT	Engine Speed Signal
ENGSS	CVT	Engine Speed Signal
ESP	BRC	Vehicle Dynamics Control System
ETC1	EC	Electrical Throttle Control Function
ETC2	EC	Electrical Throttle Control Motor Relay
ETC3	EC	Electrical Throttle Control Motor

HARNESSES

Code	Section	Wiring Diagram Name
F/FOG	LT	Front Fog Lamp
F/FUMP	EC	Fuel Pump
FIAR	EC	Fuel Injector Adjustment Resistor
FPS	CVT	CVT Fluid Pressure Sensor
FPSV	CVT	Fluid Pressure Solenoid Valve
FRO2	EC	Heated Oxygen Sensor 1
FRO2	EC	Heated Oxygen Sensor 1
FRO2B1	EC	Heated Oxygen Sensor 1 Bank 1
FRO2B2	EC	Heated Oxygen Sensor 1 Bank 2
FTS	AT	A/T Fluid Temperature Sensor
FTS	CVT	CVT Fluid Temperature Sensor
FTS	EC	Fuel Temperature Sensor
FUEL	EC	Fuel Injection System Function
FUELB1	EC	Fuel Injection System Function (Bank 2)
FUELB2	EC	Fuel Injection System Function (Bank 2)
GLOW	EC	Glow Control System
H/AIM	LT	Headlamp Aiming Control System
H/LAMP	LT	Headlamp
H/SEAT	SE	Heated Seat
HLC	WW	Headlamp Washer
HO2S1	EC	Heated Oxygen Sensor 1
HO2S1H	EC	Heated Oxygen Sensor 1 Heater
HO2S2	EC	Heated Oxygen Sensor 2
HO2S2H	EC	Heated Oxygen Sensor 2 Heater
I/MIRR	GW	Inside Mirror (Auto Anti-dazzling mirror)
IATS	EC	Intake Air Temperature sensor
IATSEN	EC	Intake Air Temperature sensor
ICC	ACS	Intelligent Cruise Control System
ICC/BS	EC	Intelligent Cruise Control System - ICC Brake Switch
ICC/SW	EC	Intelligent Cruise Control System - ICC Steering Switch
ICCBOF	EC	Intelligent Cruise Control System - ICC Brake Switch
IGNSYS	EC	Ignition Signal
ILL	LT	Illumination
INJECT	EC	Injector
INT/L	LT	Spot, Vanity Mirror, Trunk Room Lamp and Luggage Room Lamps
IVC	EC	Intake Valve Timing Control Solenoid Valve
IVC/V	EC	Intake Valve Timing Control Solenoid Valve
KS	EC	Knock Sensor
LOAD	EC	Load Signal
LPSV	AT	Line Pressure Solenoid Valve
MAFS	EC	Mass Air Flow Sensor
MAIN	AT	Main Power Supply and Ground Circuit
MAIN	CVT	Main Power Supply and Ground Circuit
MAIN	EC	Main Power Supply and Ground Circuit
METER	DI	Speedometer, Tachometer, Temp., Oil and Fuel Gauges
MIL/DL	EC	Malfunction Indicator, Data Link Connector for CONSULT
MIRROR	GW	Door Mirror
MULTI	BL	Multi-remote Control System
NATS	BL	NATS (Nissan Anti-Theft System)
NAVI	AV	Navigation System
NONDTC	AT	NON-detective Items

HARNESSES

Code	Section	Wiring Diagram Name
NONDTC	CVT	NON-detective Items
O2H1B1	EC	Heated Oxygen Sensor 1 Heater Bank 1
O2H1B2	EC	Heated Oxygen Sensor 1 Heater Bank 2
O2H2B1	EC	Heated Oxygen Sensor 2 Heater Bank 1
O2H2B2	EC	Heated Oxygen Sensor 2 Heater Bank 1
O2S1B1	EC	Heated Oxygen Sensor 1 Bank 1
O2S1B2	EC	Heated Oxygen Sensor 1 Bank 2
O2S2B1	EC	Heated Oxygen Sensor 2 Bank 1
O2S2B2	EC	Heated Oxygen Sensor 2 Bank 2
OVRCSV	AT	Overrun Clutch Solenoid Valve
PGC/V	EC	EVAP Canister Purge Volume Control Solenoid Valve
PHASH	EC	Camshaft Position Sensor (PHASE)
PNP/SW	AT	Park/Neutral Position Switch
PNP/SW	CVT	Park/Neutral Position Switch
PNP/SW	EC	Park/Neutral Position Switch
PNPSW1	EC	Park/Neutral Position Switch
POS	EC	Crankshaft Position Sensor (CKPS) (POS)
PRGVLV	EC	EVAP Canister Purge Volume Control Solenoid Valve
PRWIRE	BL	After Market Alarm - Prewire
PS/SEN	EC	Power Steering Pressure (PSP) Sensor
PST/SW	EC	Power Steering Oil Pressure Switch
R/FOG	LT	Rear Fog Lamp
R/VIEW	DI	Rear View Camera Control System
ROOM/L	LT	Interior Room Lamp
RP/SEN	EC	Refrigerant Pressure Sensor
RRO2	EC	Heated Oxygen Sensor 2
RRO2	EC	Heated Oxygen Sensor 2
RRO2B1	EC	Heated Oxygen Sensor 2 Bank 1
RRO2B2	EC	Heated Oxygen Sensor 2 Bank 1
S/LOCK	BL	Power Door Lock-Super Lock
S/SIG	EC	Start Signal
SCTC/V	EC	Suction Control Valve
SEAT	SE	Power Seat
SEN/PW	EC	Electric Throttle Control Actuator (Throttle Position Sensor) Power Supply
SHIFT	AT	A/T Shift Lock System
SHIFT	CVT	CVT Shift Lock System
SROOF	RF	Sunroof
SRS	SRS	Supplemental Restraint System
SSV/A	AT	Shift Solenoid Valve A
SSV/B	AT	Shift Solenoid Valve B
START	SC	Starting System
STM	CVT	Step Motor
STOP/L	LT	Stop Lamp
SW/ILL	GW	Power Window Illumination
T/WARN	WT	Tyre Pressure Monitoring System
TAIL	LT	Parking, License and Tail Lamps
TCV	AT	Torque Converter Clutch Solenoid Valve
THEFT	BL	Theft Warning System
TPS	AT	Throttle Position Sensor
TPS	CVT	Throttle Position Sensor
TPS1	EC	Electric Throttle Control Actuator (Throttle Position Sensor 1)

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HARNES

Code	Section	Wiring Diagram Name
TPS2	EC	Electric Throttle Control Actuator (Throttle Position Sensor 2)
TPS3	EC	Electric Throttle Control Actuator (Throttle Position Sensor 3)
TURN	LT	Turn Signal and Hazard Warning
VNT/V	EC	Variable Nozzle Turbocharger Control Solenoid Valve
VSSAT	AT	Vehicle Speed Sensor A/T (Revolution Sensor)
VSSAT	CVT	Vehicle Speed Sensor CVT
VSSMTR	AT	Vehicle Speed Sensor MTR
VSSMTR	CVT	Vehicle Speed Sensor MTR
WARN	DI	Warning Lamps
WINDOW	GW	Power Window
WIP/R	WW	Wiper and Washer - Rear
WIPER	WW	Wiper and Washer - Front

ELECTRICAL UNITS LOCATION

ELECTRICAL UNITS LOCATION

PPF:25230

Electrical Units Location

EKS0044H

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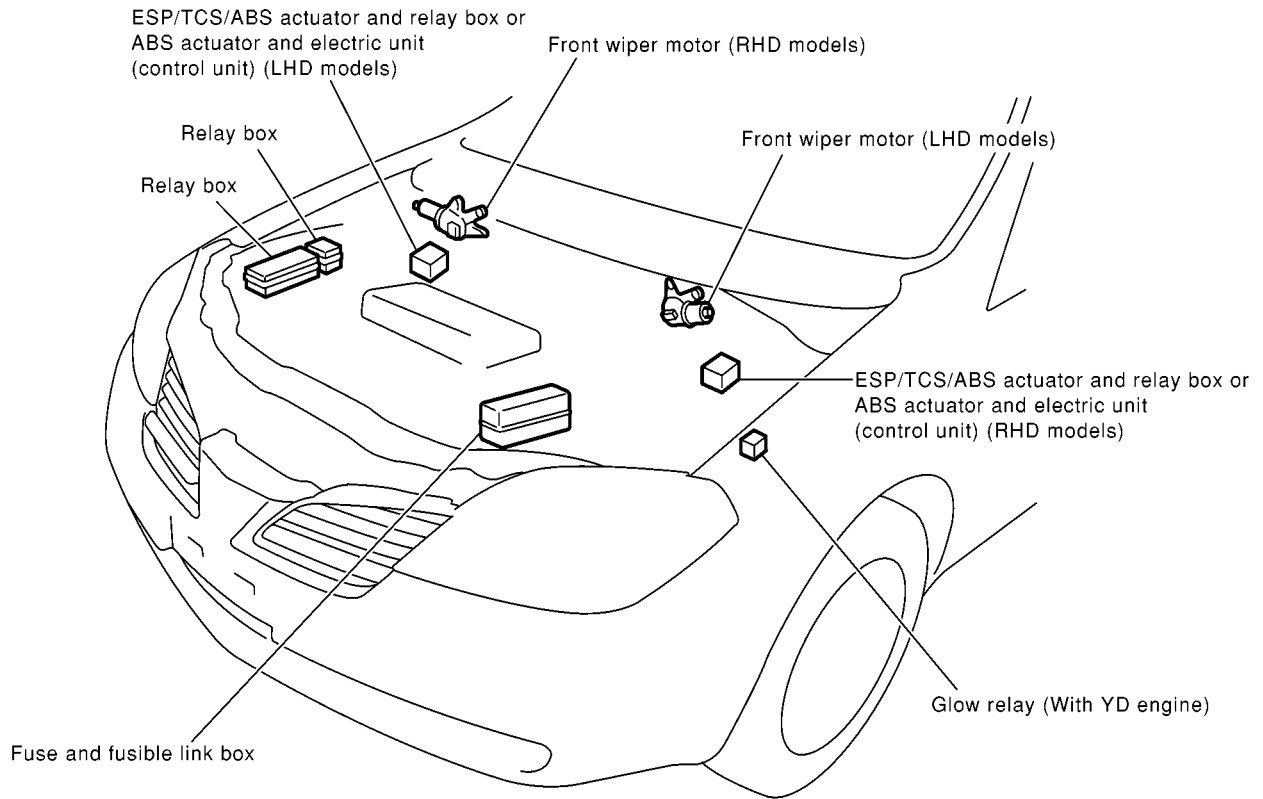
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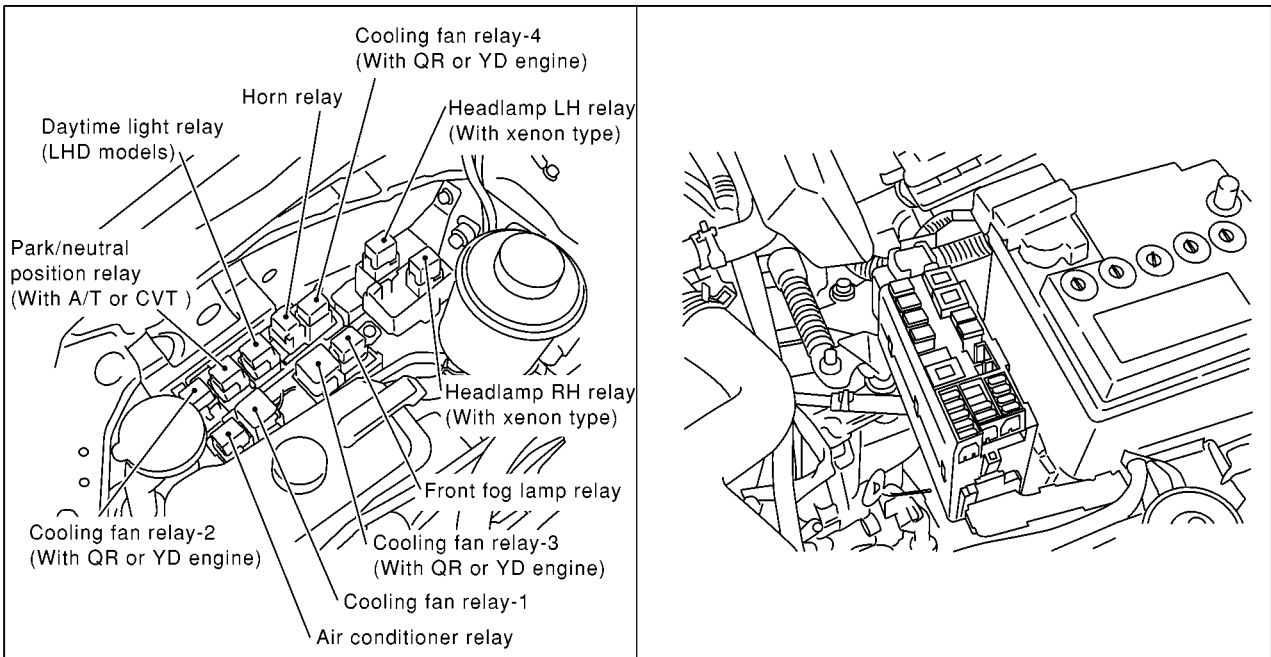
ELECTRICAL UNITS LOCATION

ENGINE COMPARTMENT



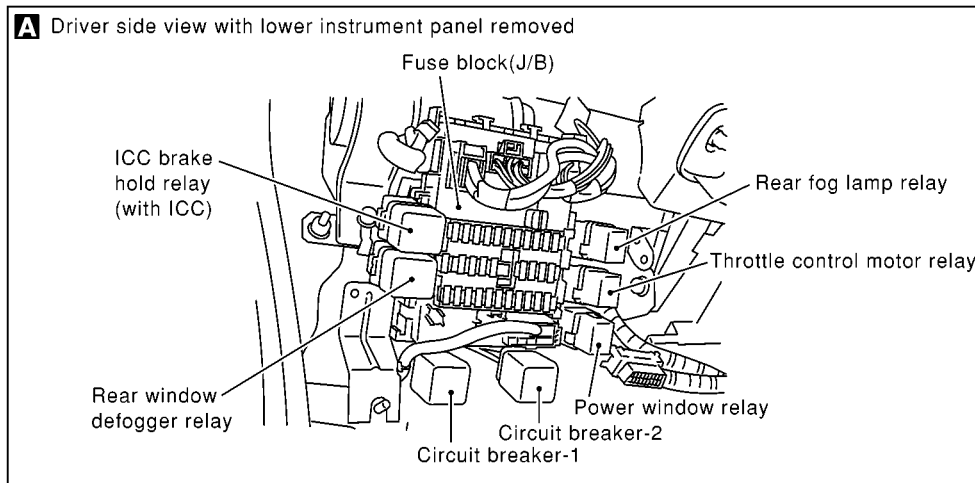
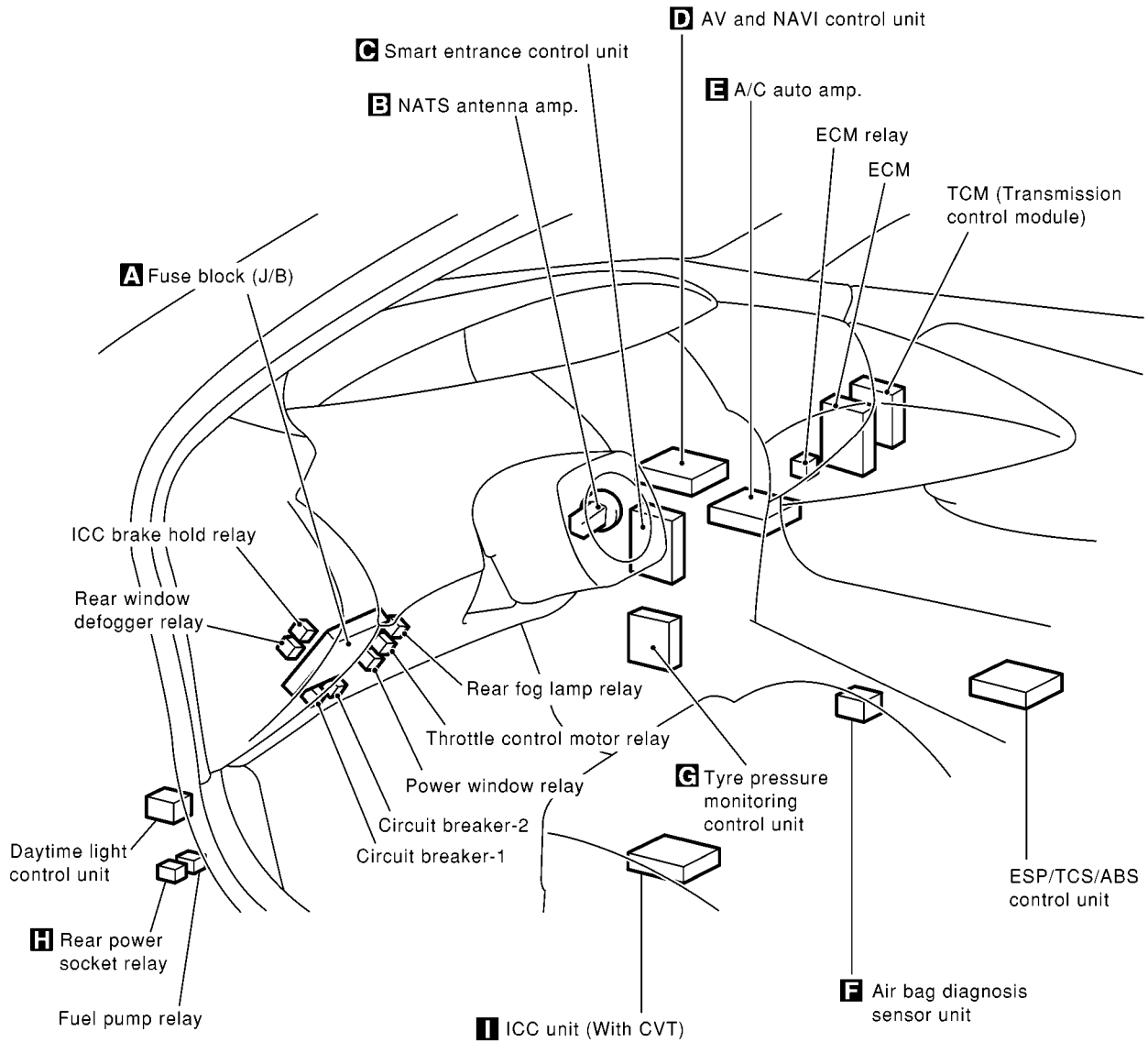
Relay box

Fuse and fusible link box



ELECTRICAL UNITS LOCATION

PASSENGER COMPARTMENT/LHD MODELS

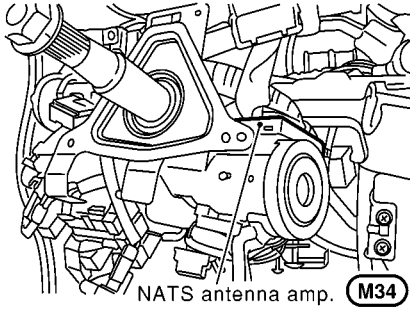


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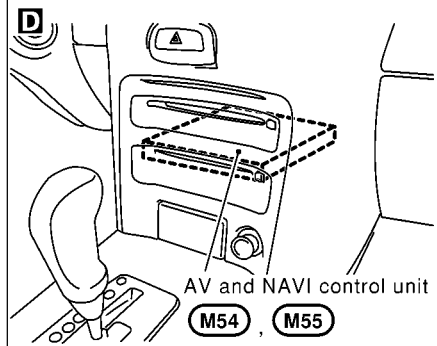
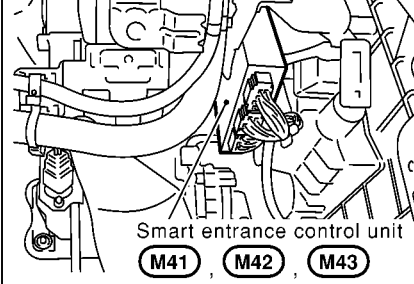
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ELECTRICAL UNITS LOCATION

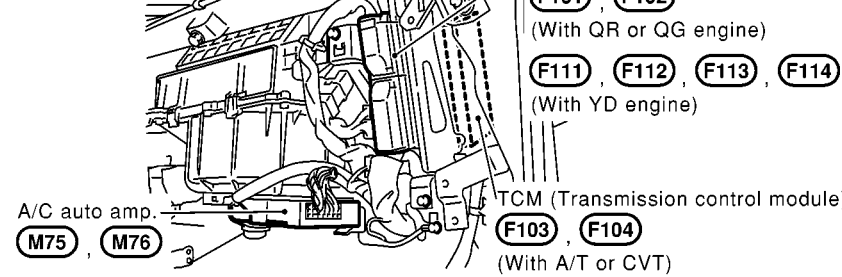
B View with instrument panel removed



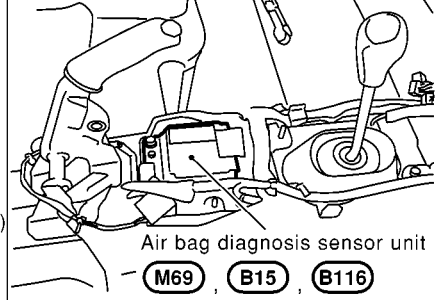
C View with lower instrument panel removed



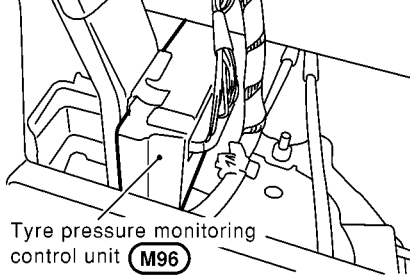
E Passenger side view with lower instrument panel removed



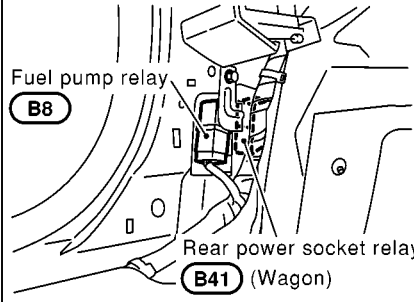
F View with console box removed



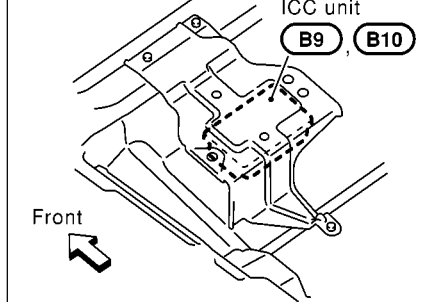
G View with instrument panel center moved



H Dash side LH

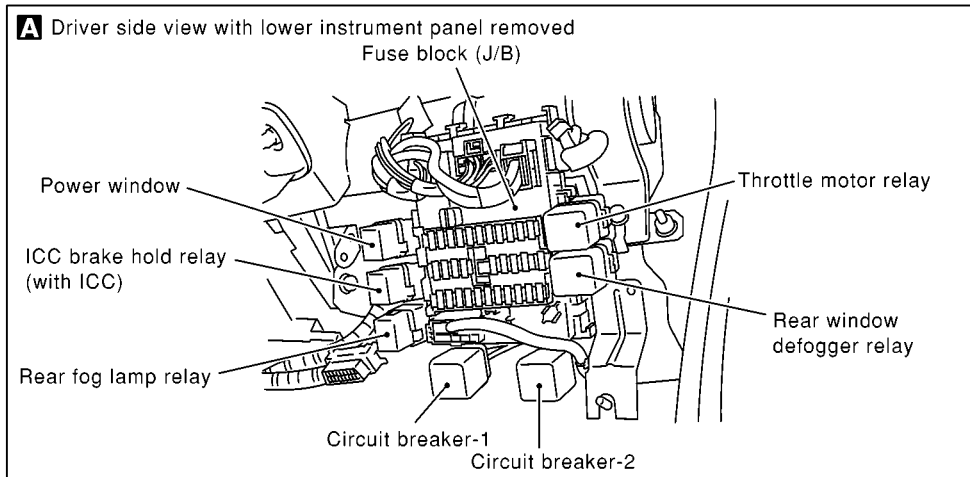
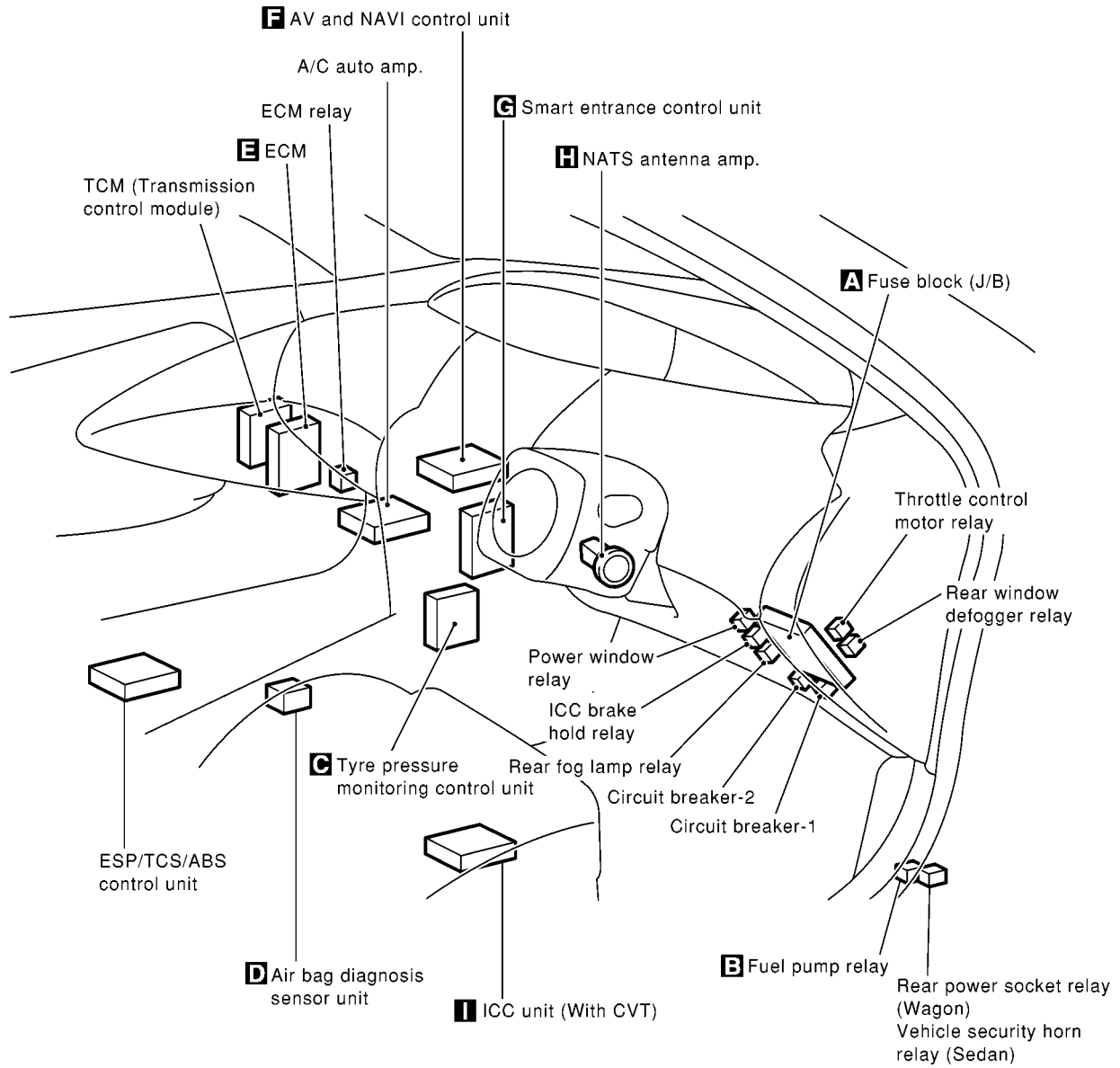


I Under the driver's seat



ELECTRICAL UNITS LOCATION

PASSENGER COMPARTMENT/RHD MODELS

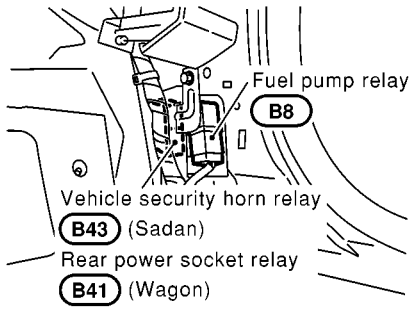


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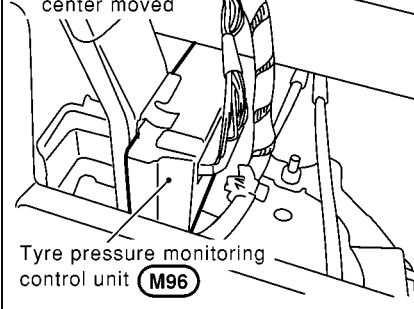
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ELECTRICAL UNITS LOCATION

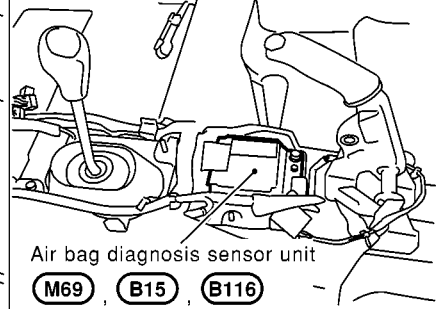
B Dash side LH



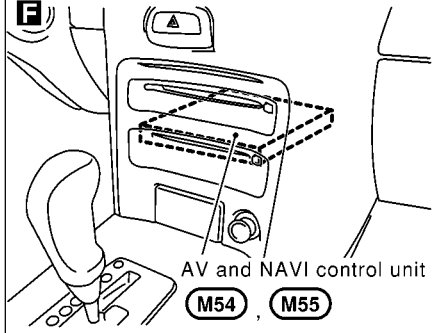
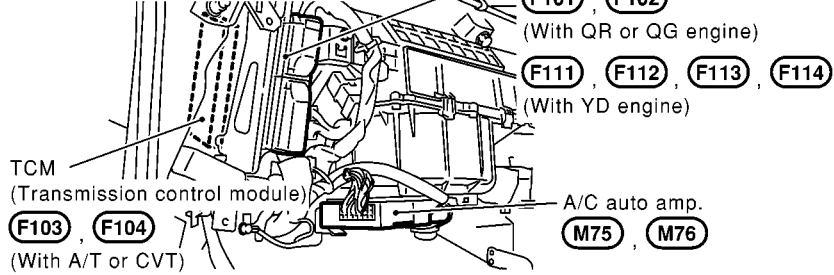
C View with instrument panel center moved



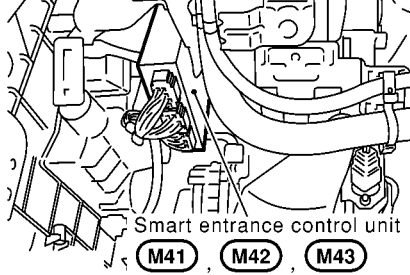
D View with console box removed



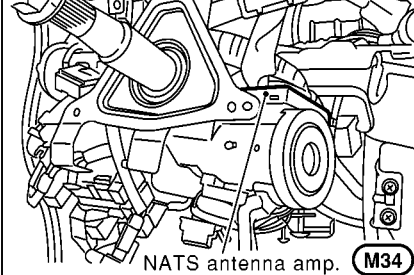
E Passenger side view with lower instrument panel removed



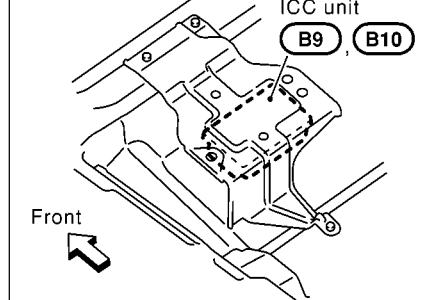
G View with lower instrument panel removed



H View with instrument panel removed

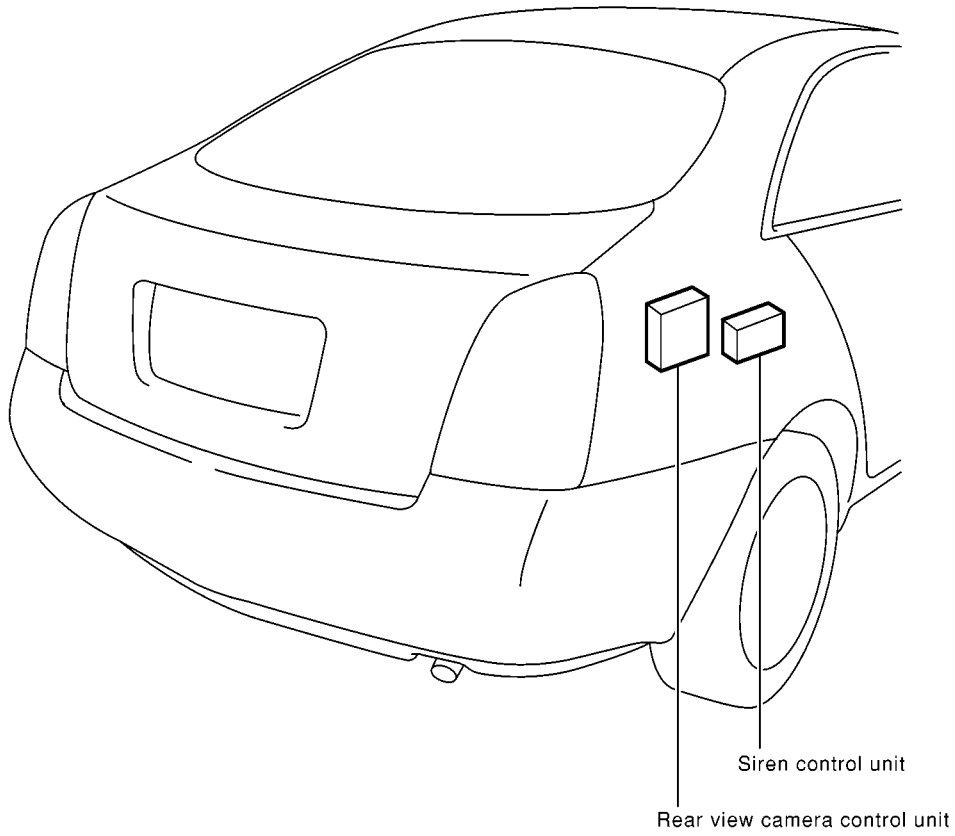


I Under the driver's seat



ELECTRICAL UNITS LOCATION

TRUNK ROOM COMPARTMENT



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HARNESS CONNECTOR

PFP:00011

HARNESS CONNECTOR

Description

HARNESS CONNECTOR (TAB-LOCKING TYPE)

EKS00441

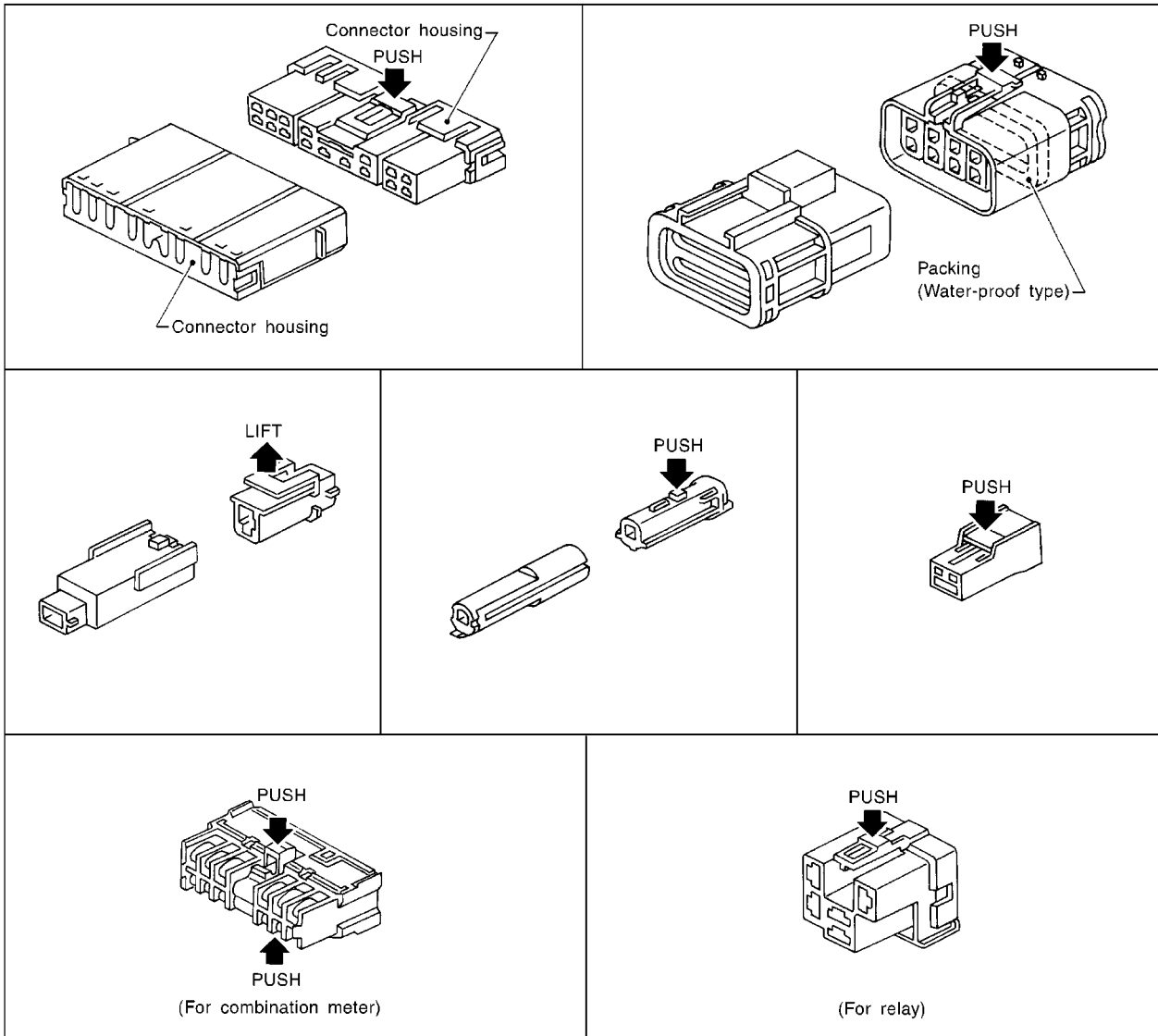
- The tab-locking type connectors help prevent accidental looseness or disconnection.
- The tab-locking type connectors are disconnected by pushing or lifting the locking tab(s). Refer to the illustration below.

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

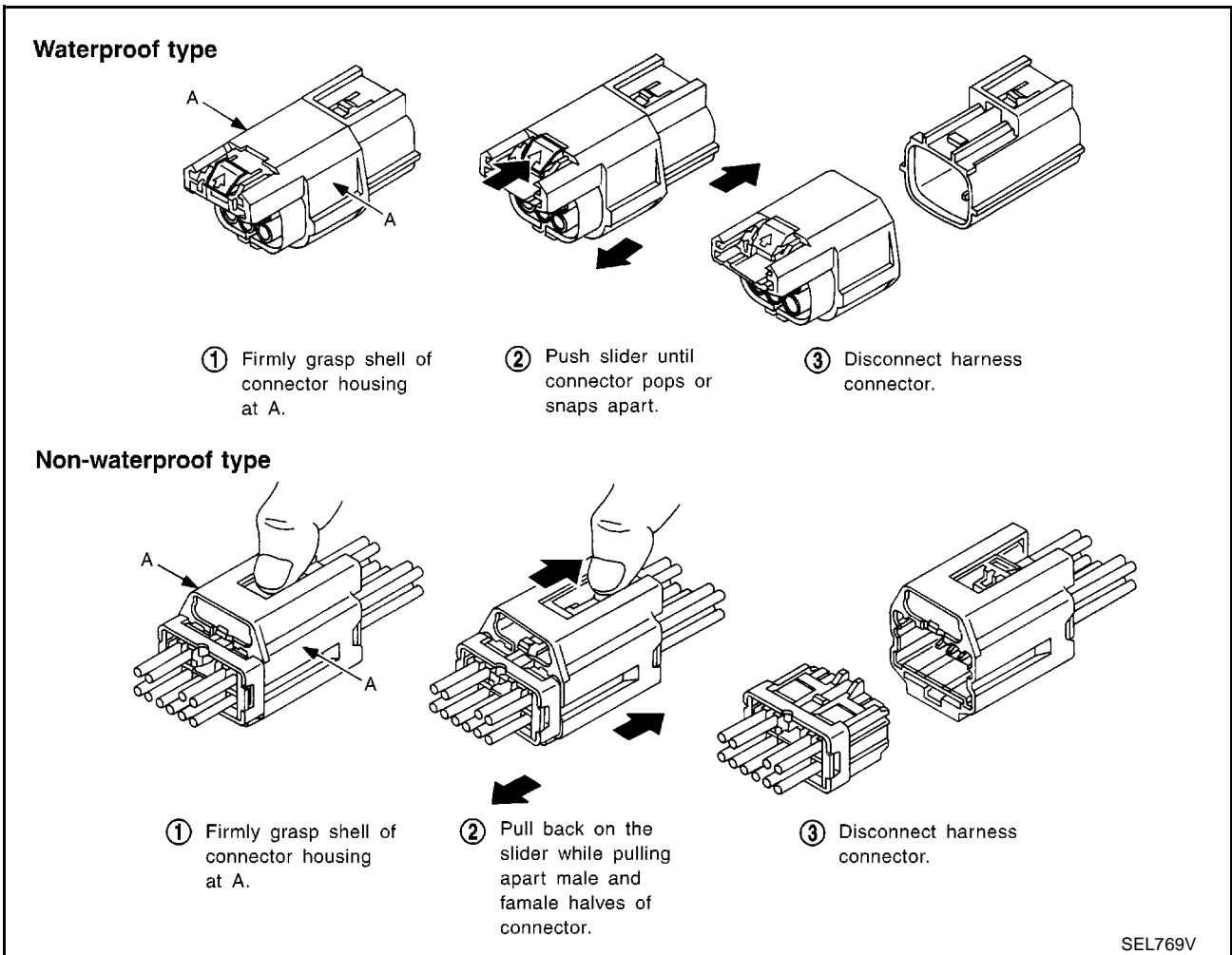
HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

- 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]



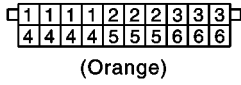
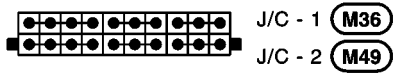
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JOINT CONNECTOR (J/C)

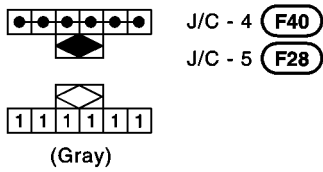
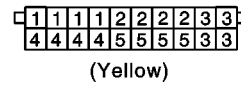
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EKS0044J

JOINT CONNECTOR (J/C) Terminal Arrangement



⬅ : LHD MODELS
➡ : RHD MODELS



CKWA0097E

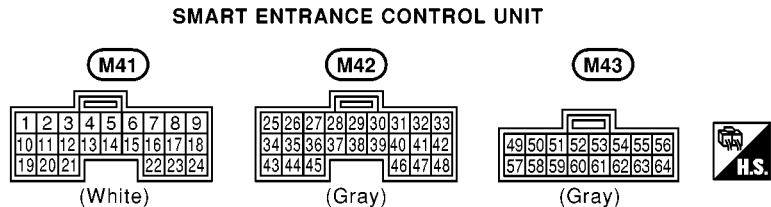
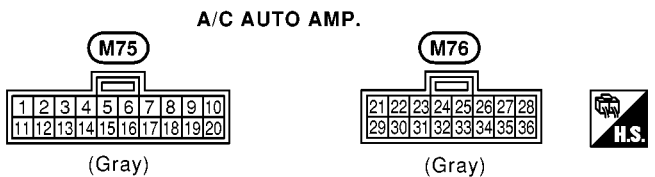
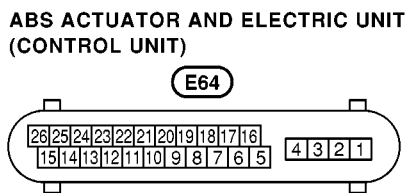
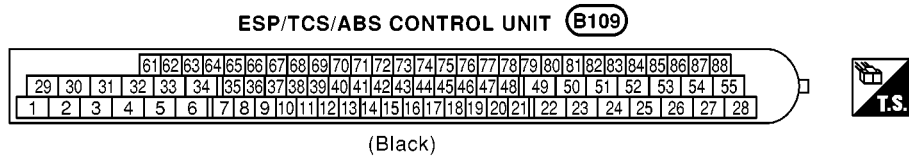
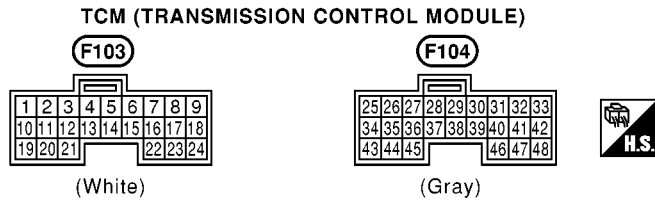
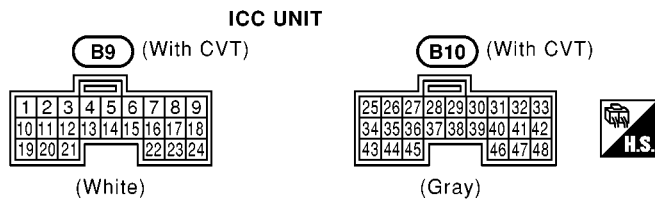
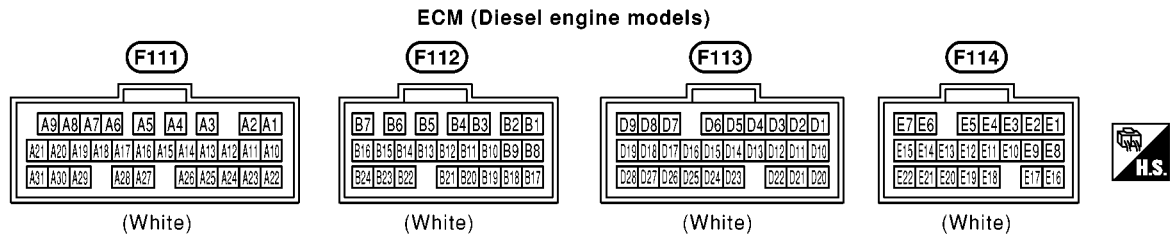
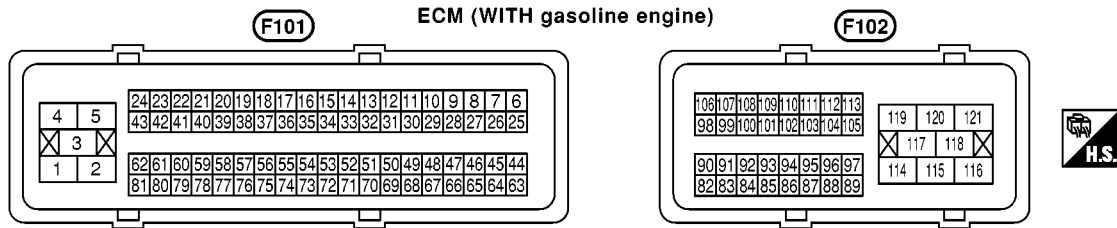
ELECTRICAL UNITS

ELECTRICAL UNITS

Terminal Arrangement

PPF:00011

EKS0044K



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J
PG
L
M

STANDARDIZED RELAY

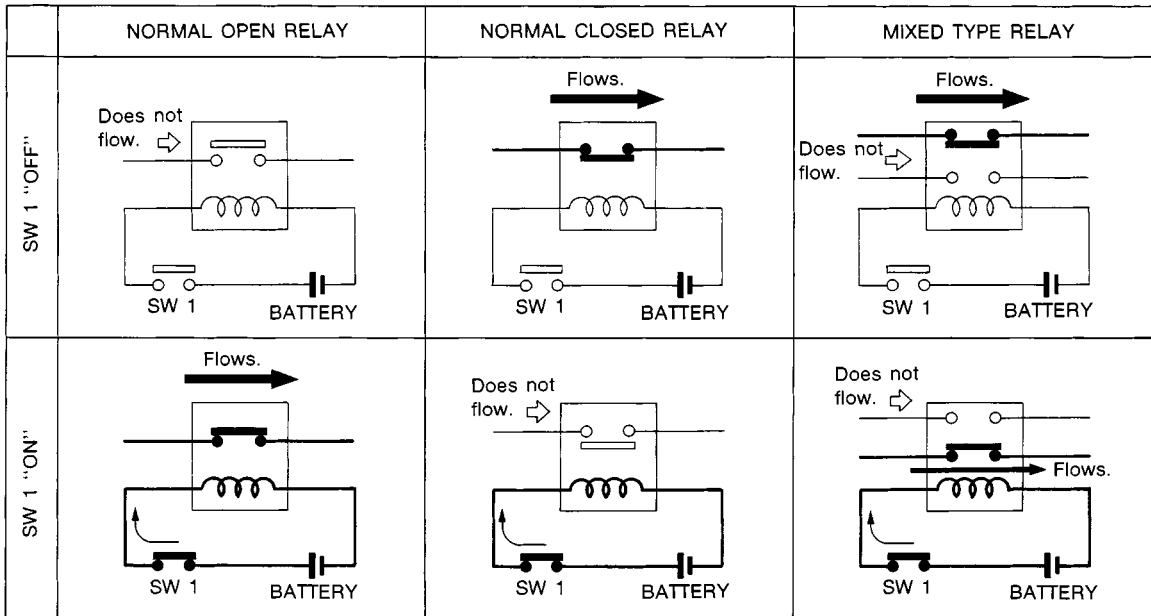
PFP:00011

EKS0044L

STANDARDIZED RELAY

Description NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

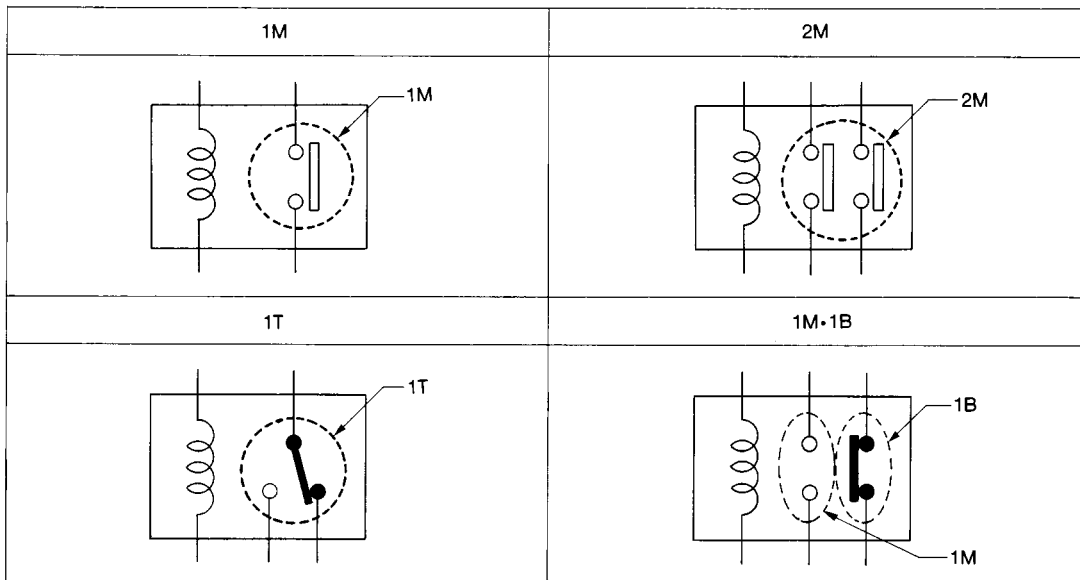
Relays can mainly be divided into three types: normal open, normal closed and mixed type relays.



SEL881H

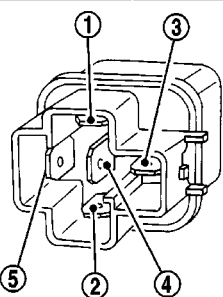
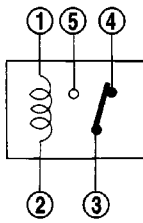
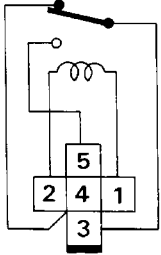
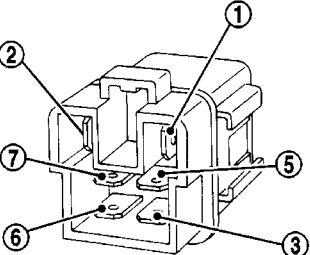
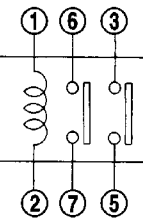
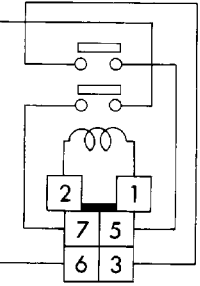
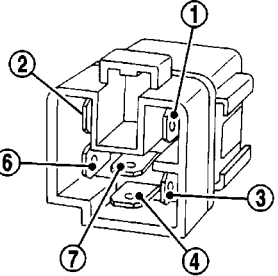
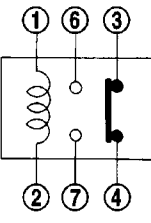
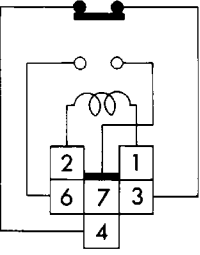
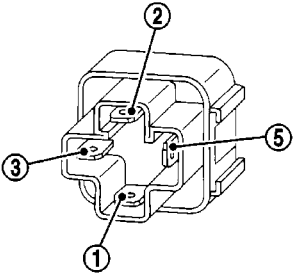
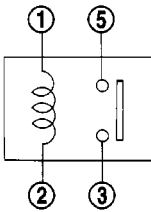
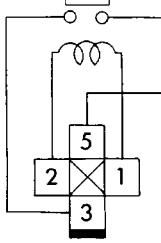
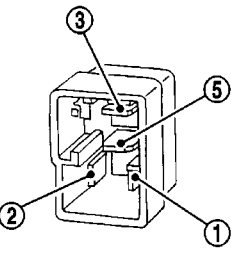
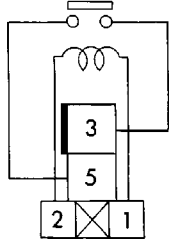
TYPE OF STANDARDIZED RELAYS

- 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
1T				BLACK
2M				BROWN
1M•1B				GRAY
1M				BLUE
				

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

SEL188W

A
B
C
D
E
F
G
H
I
J
PG
L
M

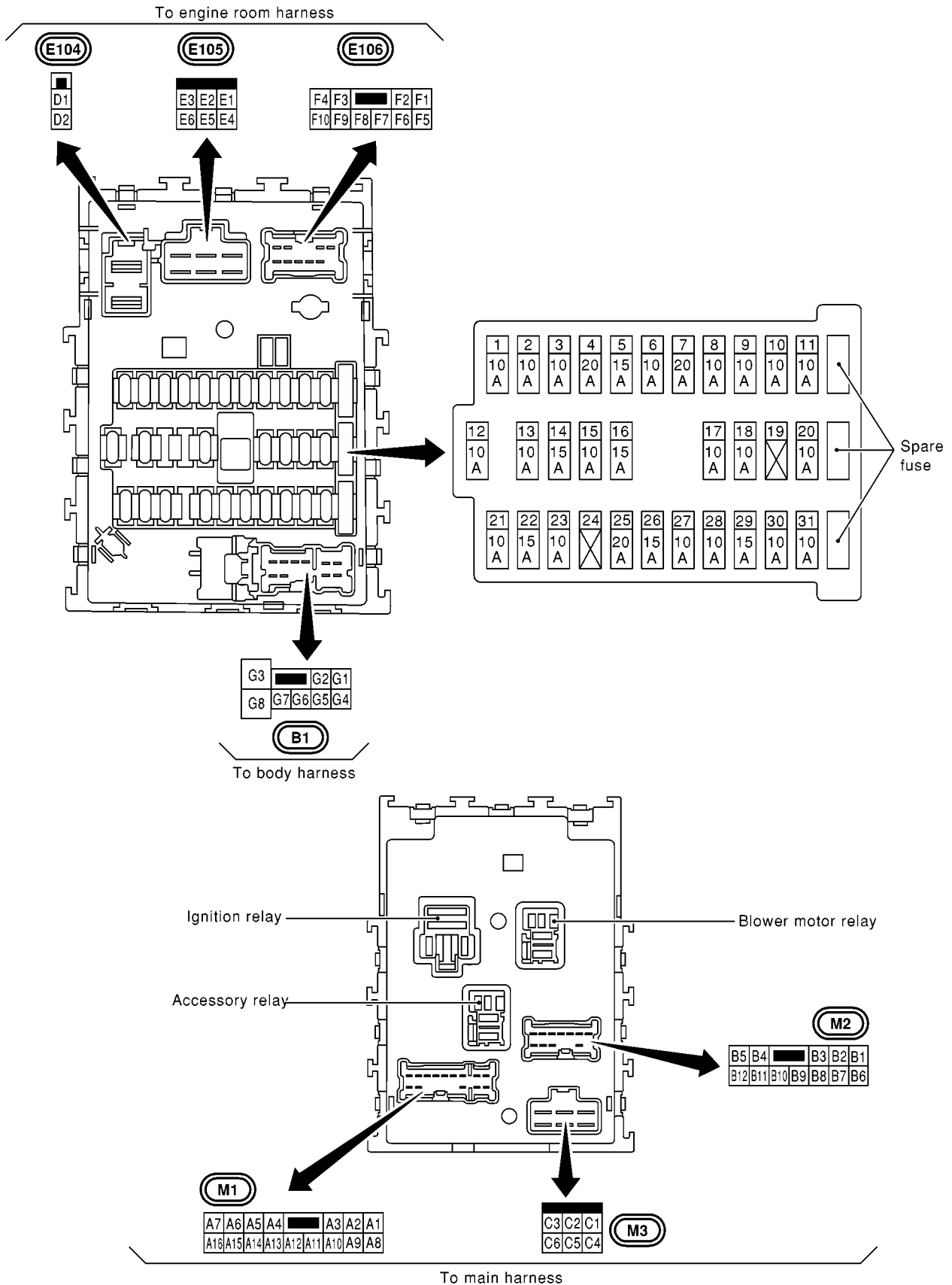
FUSE BLOCK-JUNCTION BOX(J/B)

PFP:24350

EKS0044M

FUSE BLOCK-JUNCTION BOX(J/B)

Terminal Arrangement



MKWA0347E

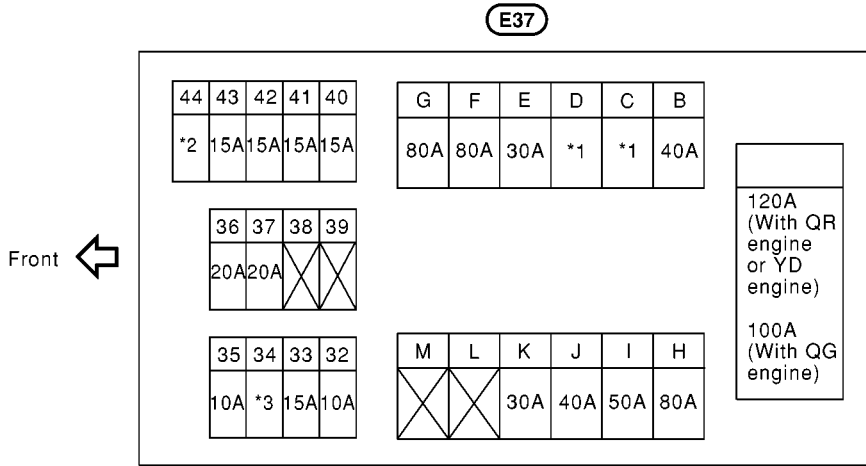
FUSE AND FUSIBLE LINK BOX

FUSE AND FUSIBLE LINK BOX

PFP:24381

Terminal Arrangement

EKS0044N



No. 32 to 44 : FUSE A to M : FUSIBLE LINK

*1 40A: With QR engine or YD engine
30A: With QG engine

*2 20A: With gasoline engine
10A: With YD engine

*3 10A: With gasoline engine
20A: With YD engine

A
B
C
D
E
F
G
H
I
J
L
M

PG

FUSE AND FUSIBLE LINK BOX
