

SECTION **PG**

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POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

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POWER SUPPLY ROUTING

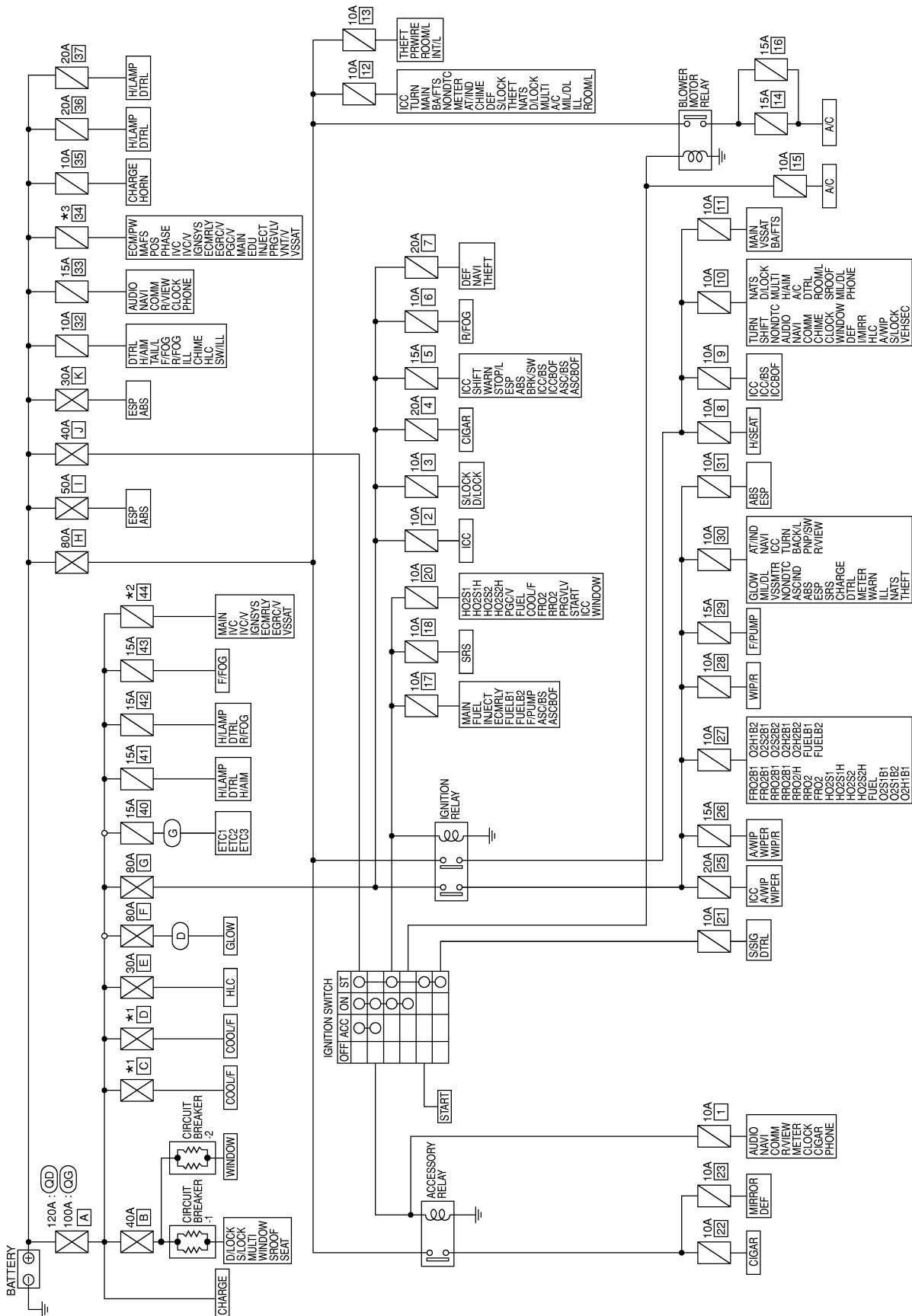
Schematic

PPF:00011

EKS00449

*1 40A : (QD) *2 20A : (G) *3 10A : (G) 10A : (D) 20A : (D)
 30A : (QG) 10A : (D) 20A : (D)

(QD) : With QR engine or YD engine
 (G) : With gasoline engine
 (D) : With diesel engine
 (QG) : With QG engine

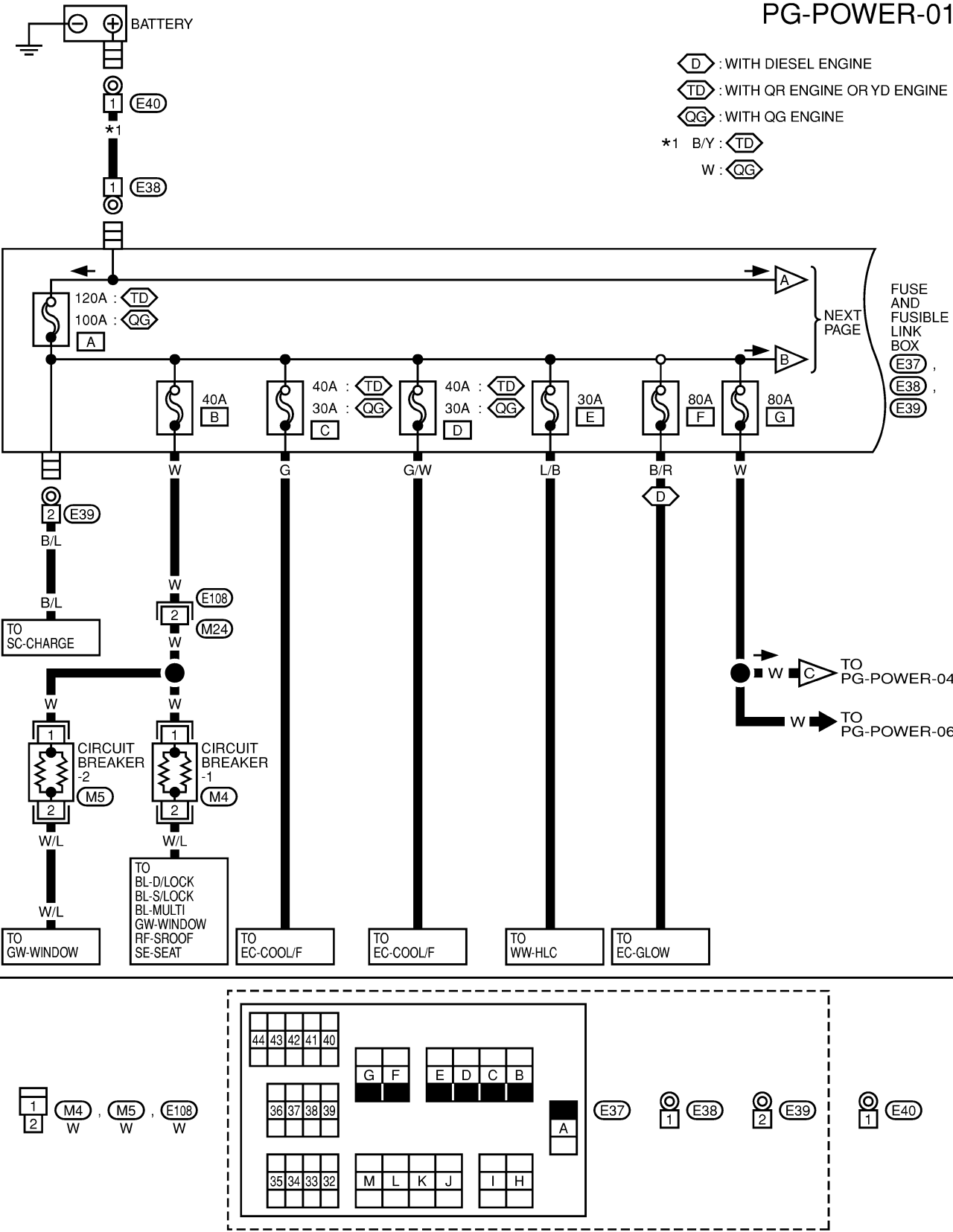


POWER SUPPLY ROUTING

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

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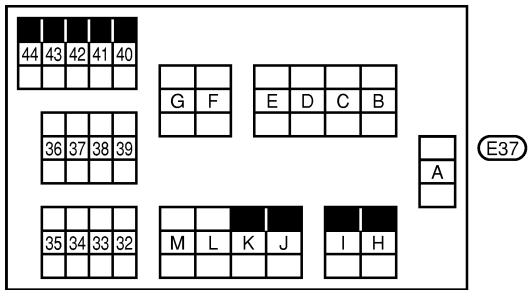
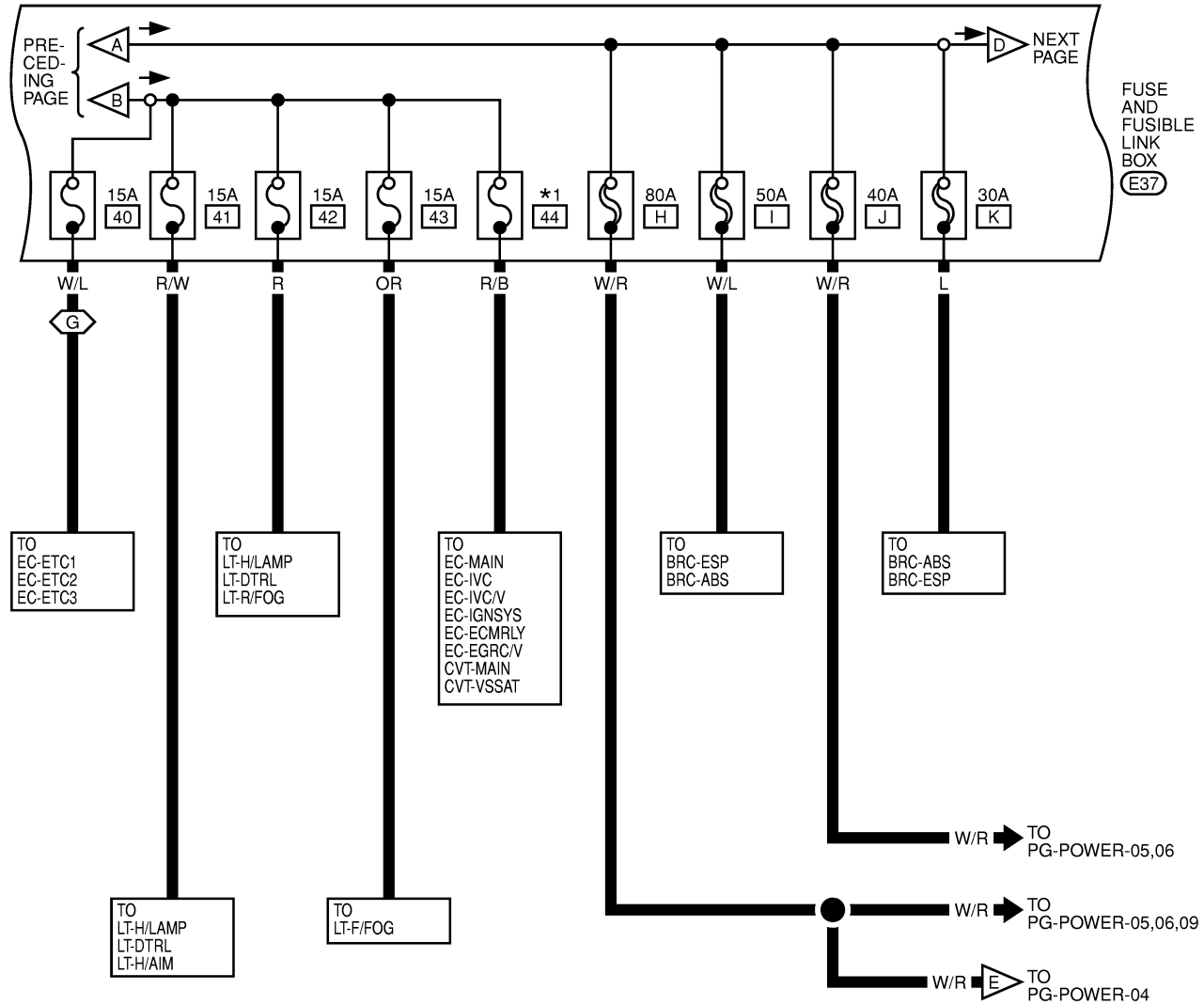


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POWER SUPPLY ROUTING

PG-POWER-02

- G : WITH GASOLINE ENGINE
- D : WITH DIESEL ENGINE
- *1 20A : G
- 10A : D

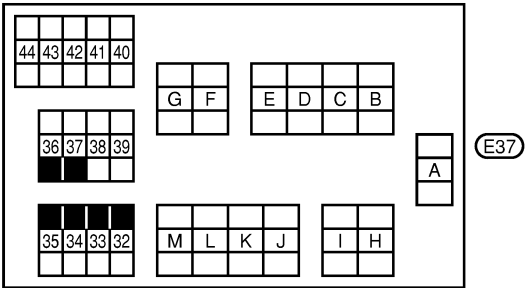
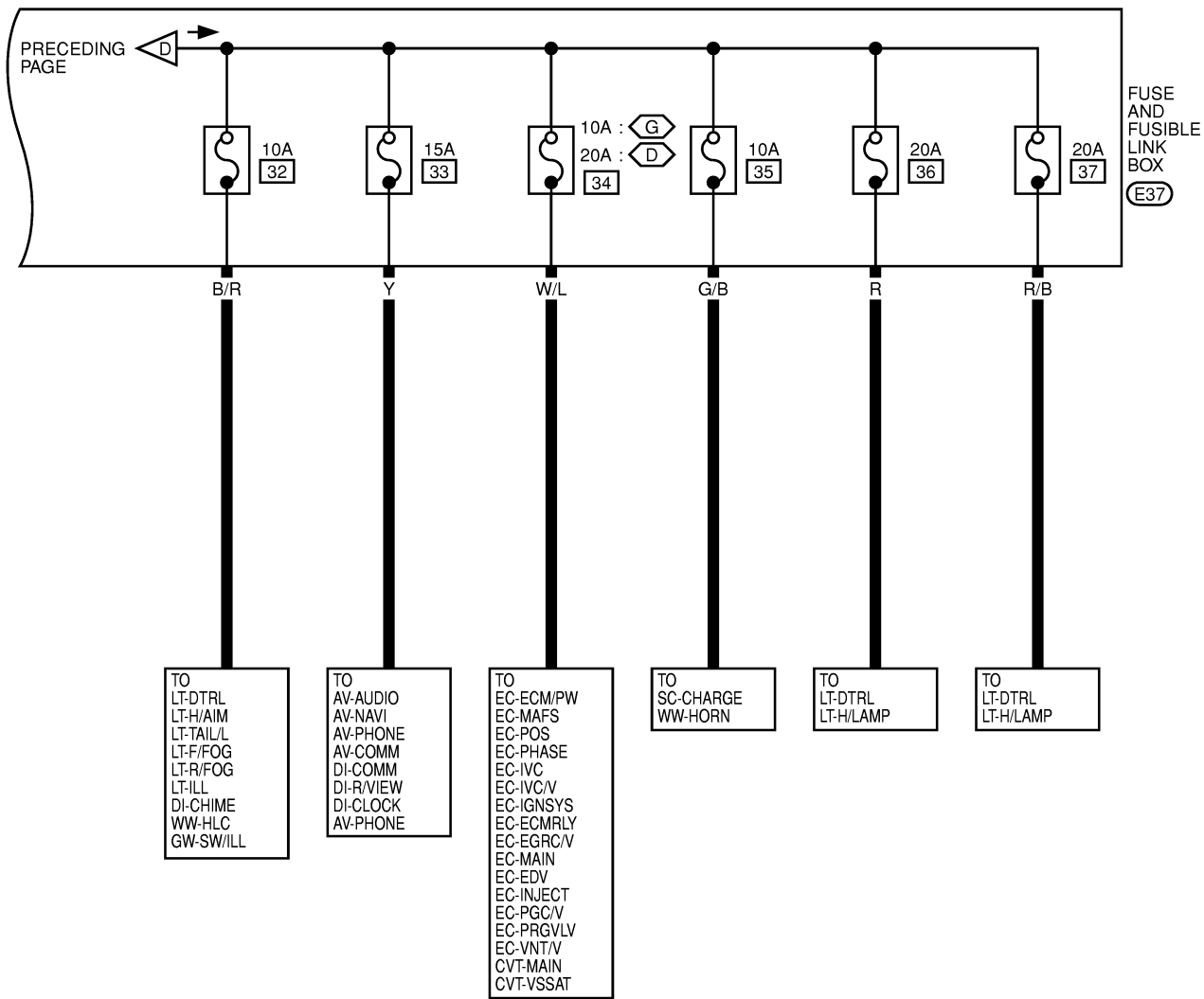


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POWER SUPPLY ROUTING

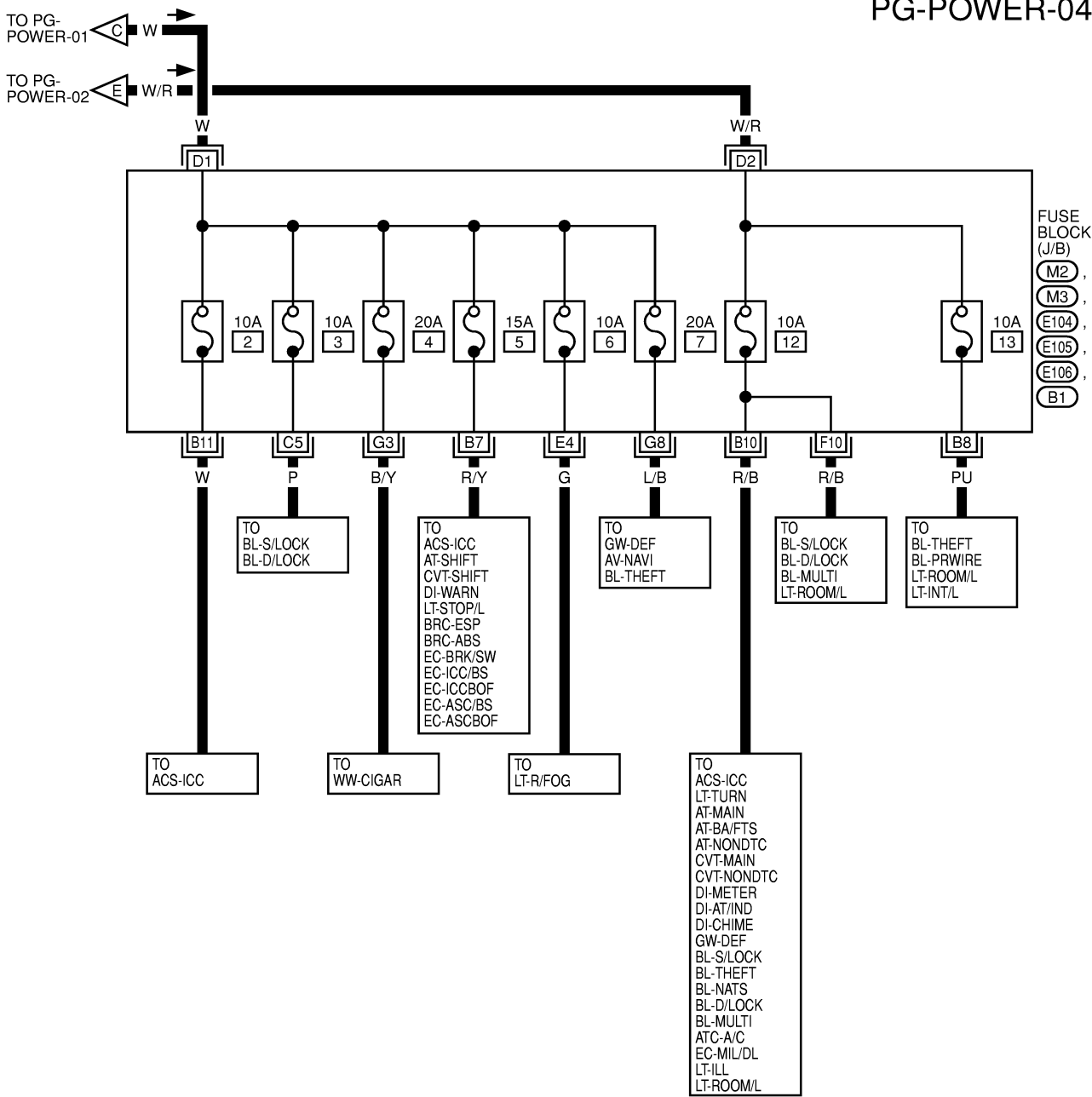
PG-POWER-03

G : WITH GASOLINE ENGINE
D : WITH DIESEL ENGINE



POWER SUPPLY ROUTING

PG-POWER-04



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

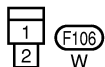
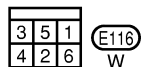
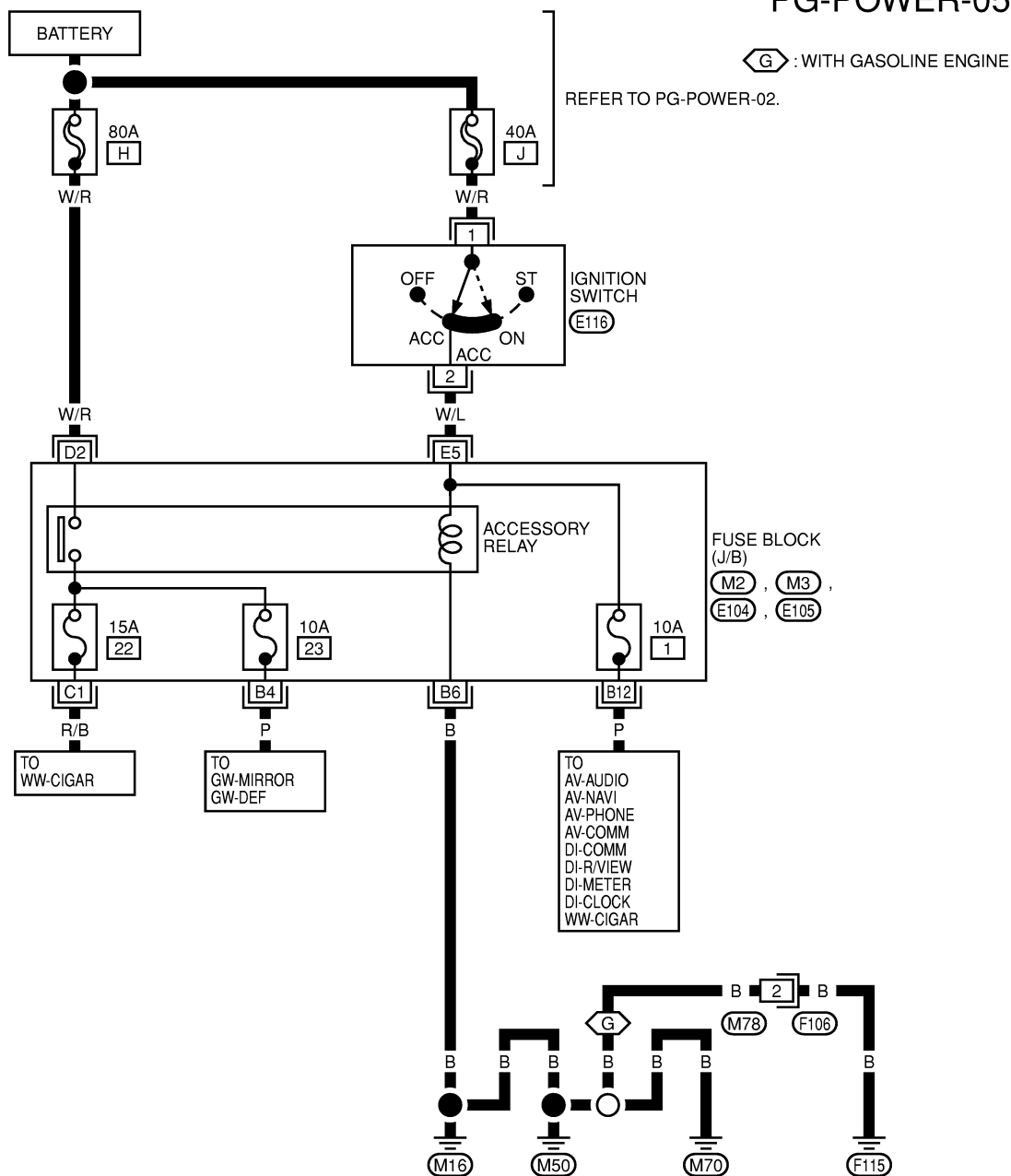


UP

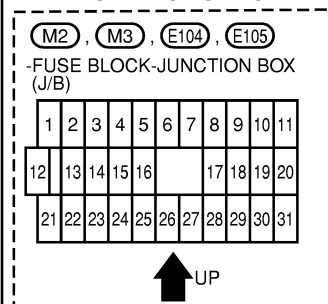
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ACCESSORY POWER SUPPLY — IGNITION SW. IN “ACC” OR “ON”

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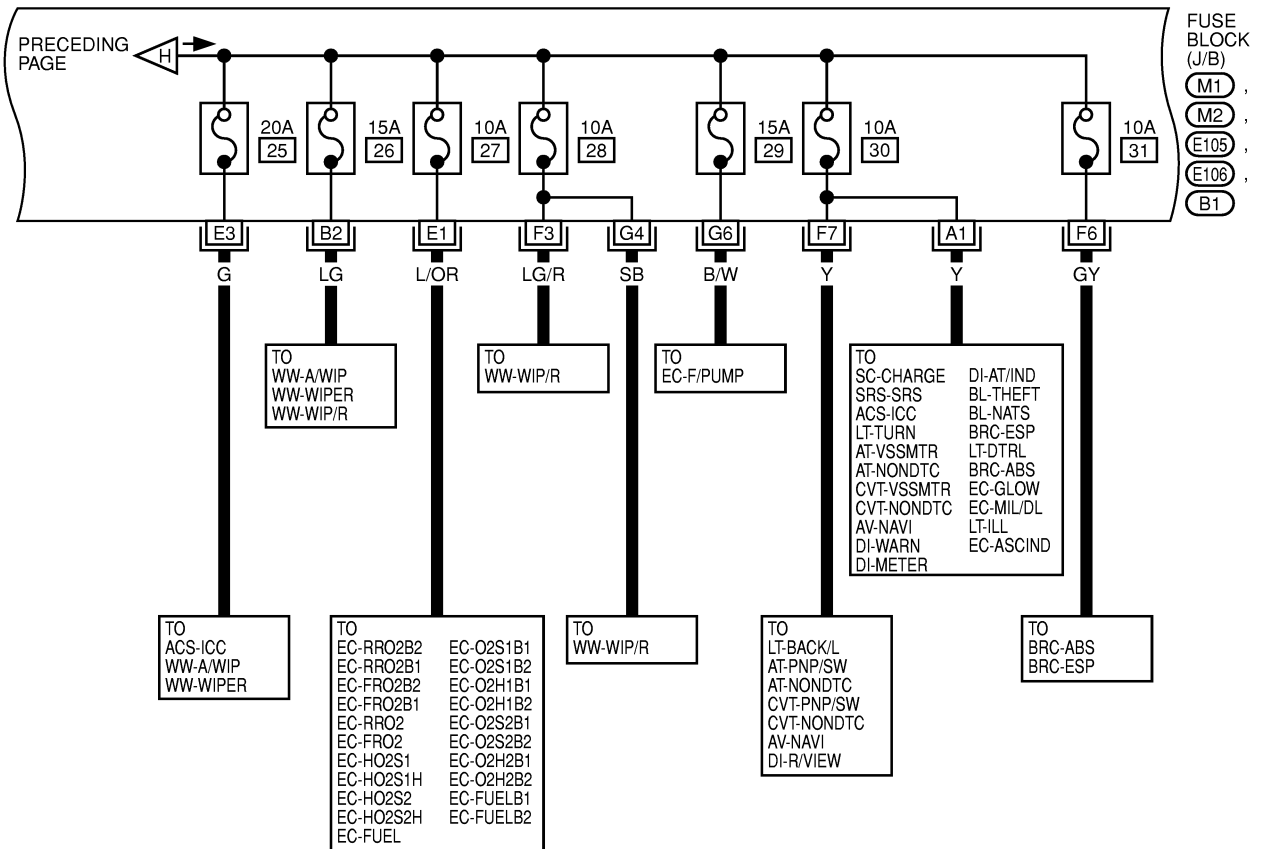
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REFER TO THE FOLLOWING.

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

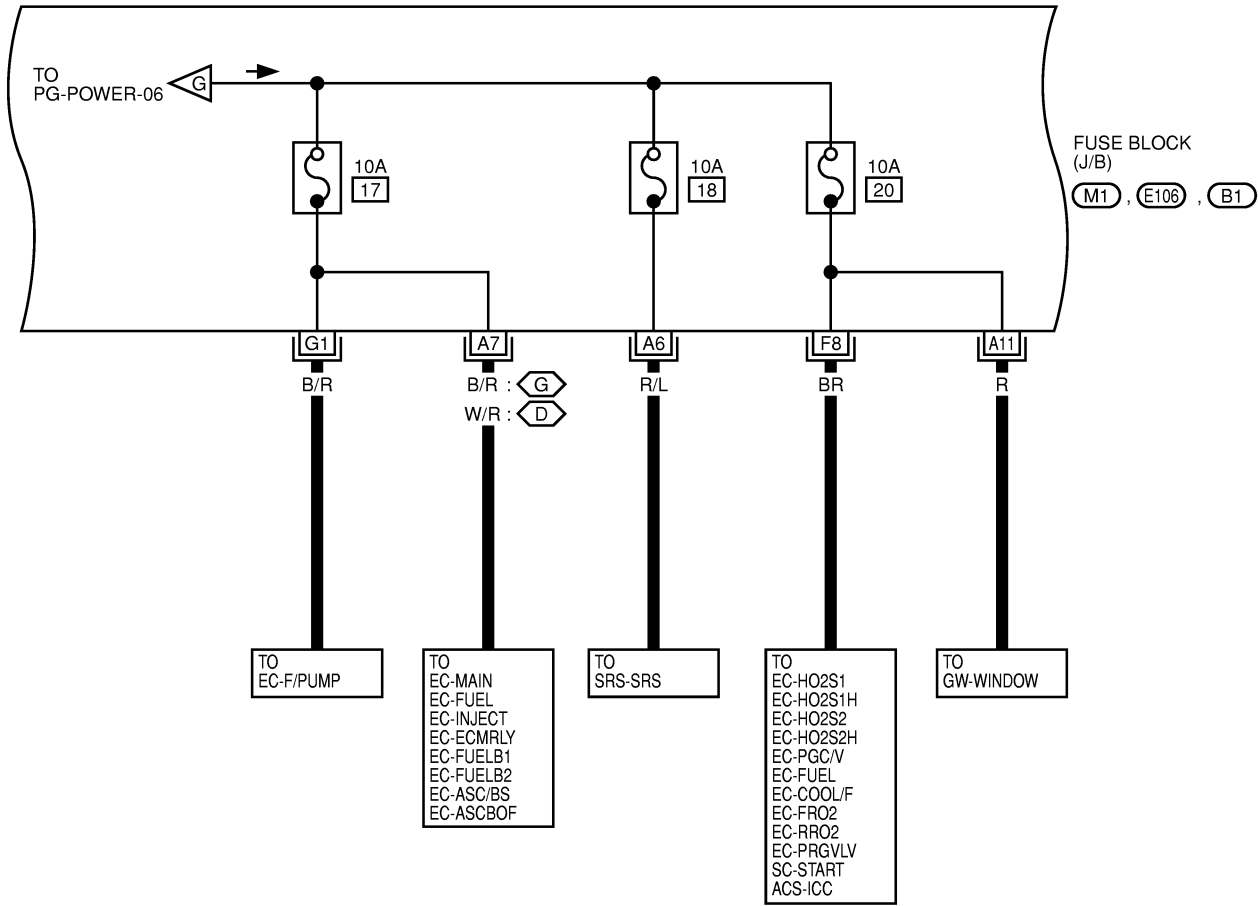
-FUSE BLOCK-JUNCTION BOX
(J/B)

	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

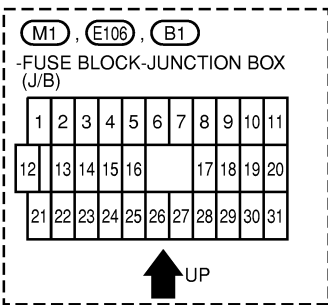
UP

PG-POWER-08

G : WITH GASOLINE ENGINE
D : WITH DIESEL ENGINE



REFER TO THE FOLLOWING.



 : WITH GASOLINE ENGINE

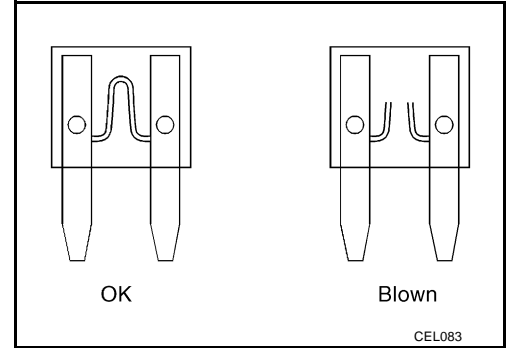


POWER SUPPLY ROUTING

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.



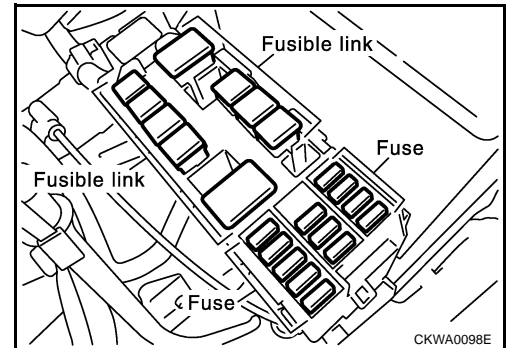
Fusible Link

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:

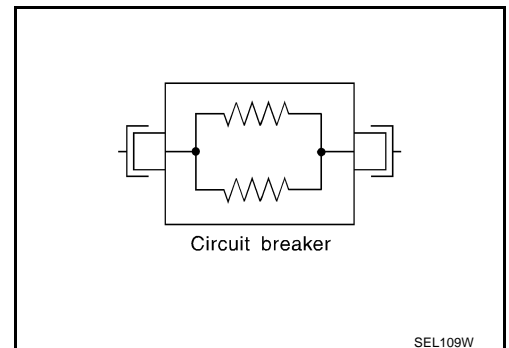
- If fusible link should melt, it is possible that critical circuit (power supply or large current carrying circuit) is shorted. In such a case, carefully check and eliminate cause of incident.
- Never wrap outside of fusible link with vinyl tape. Important: Never let fusible link touch any other wiring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



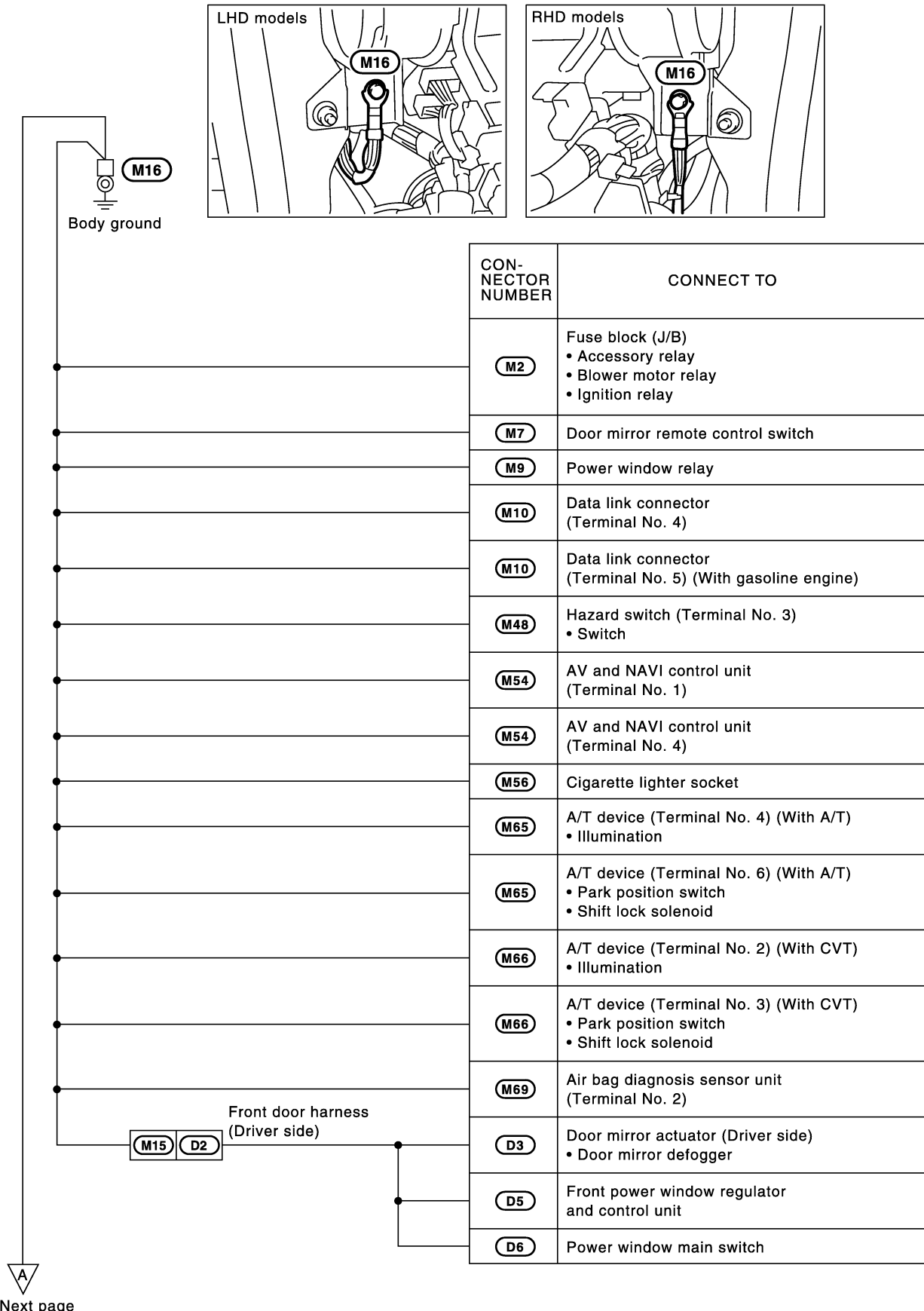
GROUND

GROUND

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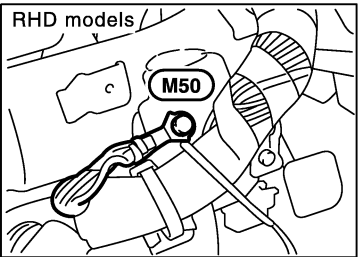
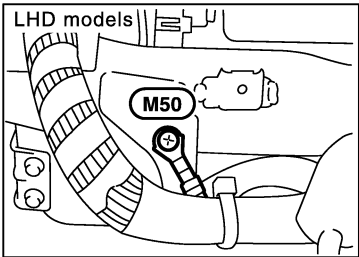
Ground Distribution MAIN HARNESS

EKS0044E



GROUND

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M50
Body
ground

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.
M84	ICC unit (Terminal No. 19) (With M/T)
M84	ICC unit (Terminal No. 20) (With M/T)
M85	ICC unit (Terminal No. 46) (With M/T)
M88	After market alarm
M93	Dongle unit (RHD models)

C D
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L (With QR engine) M (With QG engine)
To engine control harness

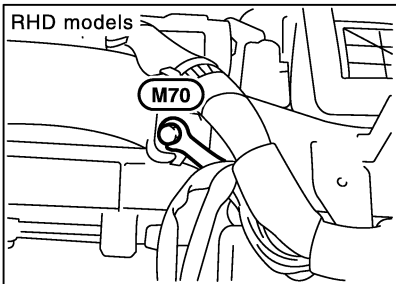
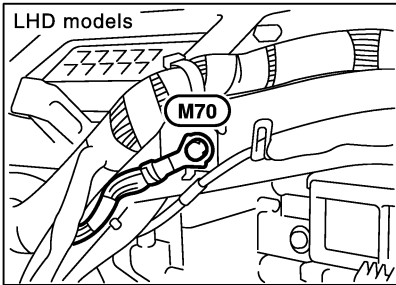
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GROUND

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Console harness



M70
Body ground



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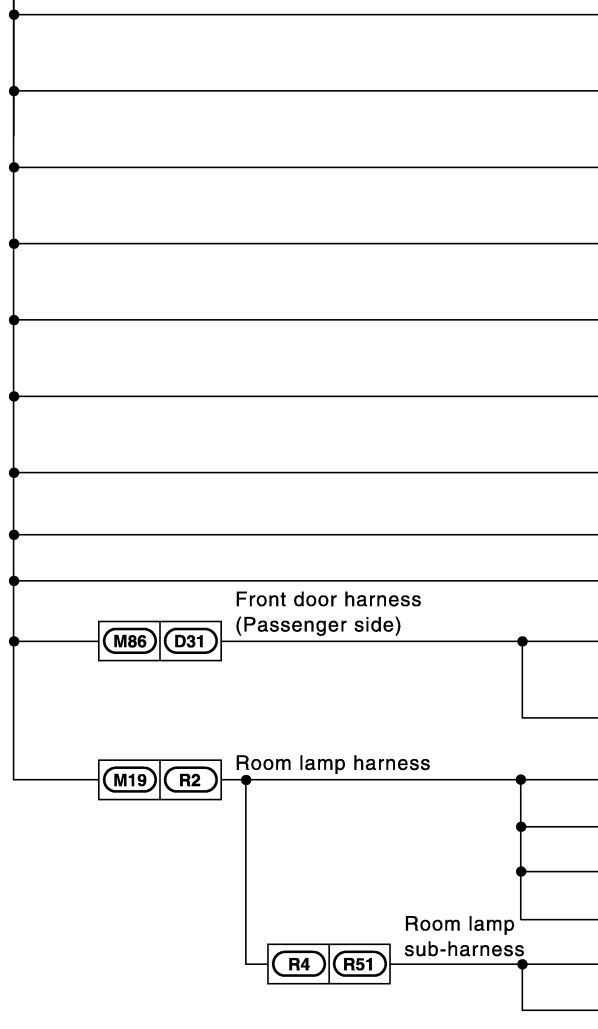
CON- NECTOR NUMBER	CONNECT TO
M102	Door lock/unlock switch • Switch • Illumination
M103	Heated seat switch RH (Terminal No. 4) • Switch
M103	Heated seat switch RH (Terminal No. 6) • Illumination
M104	Heated seat switch LH (Terminal No. 4) • Switch
M104	Heated seat switch LH (Terminal No. 6) • Illumination

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
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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GROUND

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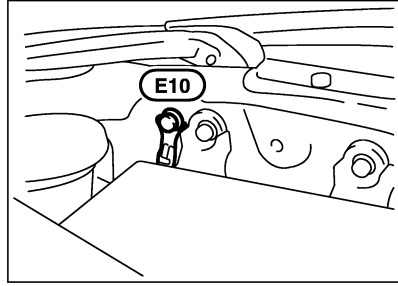
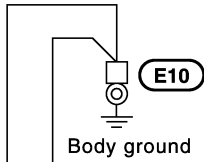


CON- NECTOR NUMBER	CONNECT TO
M61	Display unit (Terminal No. 21) (With VFD monitor)
M61	Display unit (Terminal No. 1) (With LCD monitor)
M61	Display unit (Terminal No. 3) (With LCD monitor)
M63	Display (Terminal No. 22) (With navigation system)
M63	Display (Terminal No. 24) (With navigation system)
M65	A/T device (Terminal No. 2) (With A/T) • Overdrive control switch
M66	A/T device (Terminal No. 11) (With CVT) • Manual mode switch
M71	Glove box lamp
M97	Telephone sub-harness
D32	Door mirror actuator (Passenger side) • Door mirror defogger
D35	Front power window switch (Passenger side) • Illumination
R5	Vanity mirror LH (LHD models)
R8	Inside mirror
R9	Rain sensor
R10	Vanity mirror RH (RHD models)
R52	Ultrasonic sensor
R53	Spot lamp

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GROUND

ENGINE ROOM HARNESS



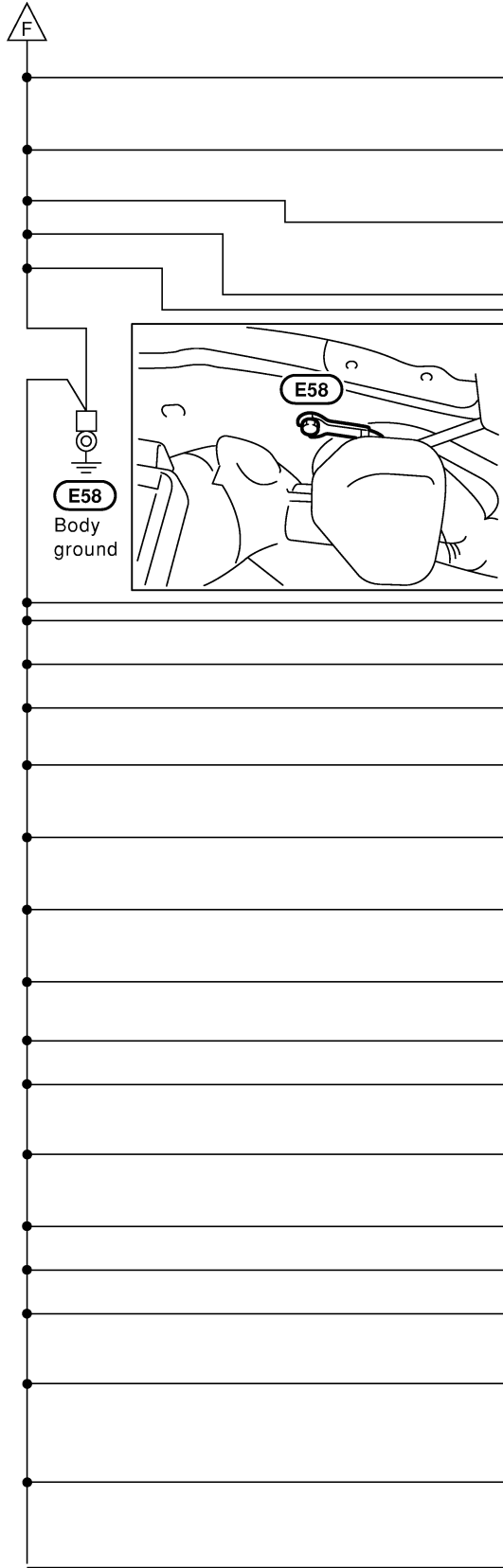
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CON- NECTOR NUMBER	CONNECT TO
(E1)	Side turn signal lamp RH
(E3)	Brake fluid level switch (RHD models)
(E7)	Washer level switch
(E12)	Cooling fan relay-2 (LHD models with QR or YD engine)
(E14)	Headlamp LH relay (Xenon type)
(E16)	Cooling fan relay-4 (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
(E72)	ICC brake hold relay
(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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GROUND

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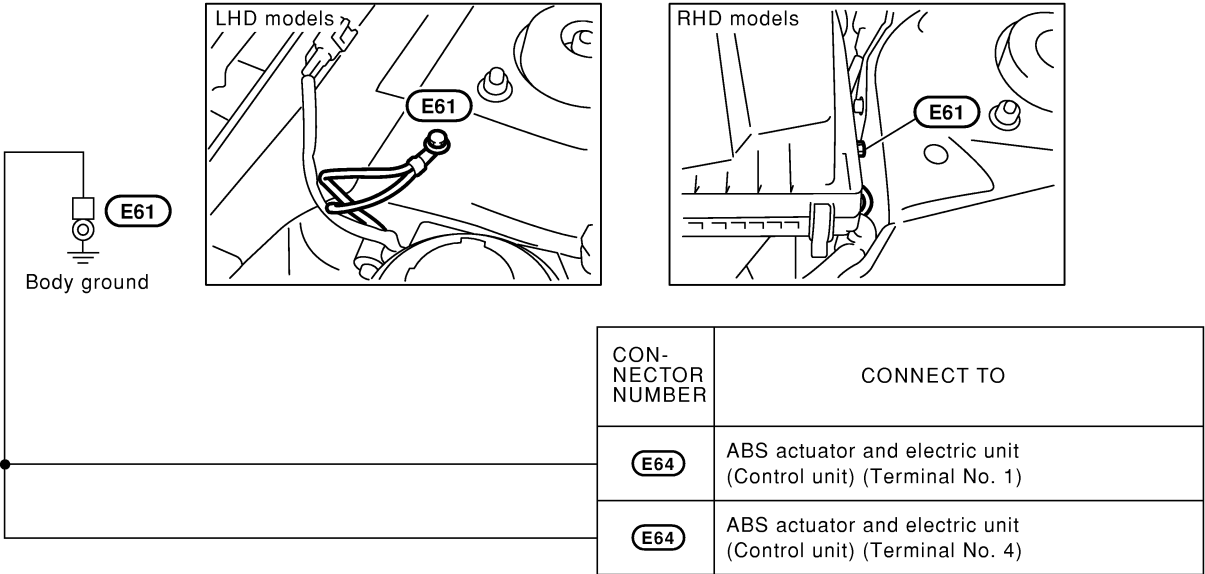
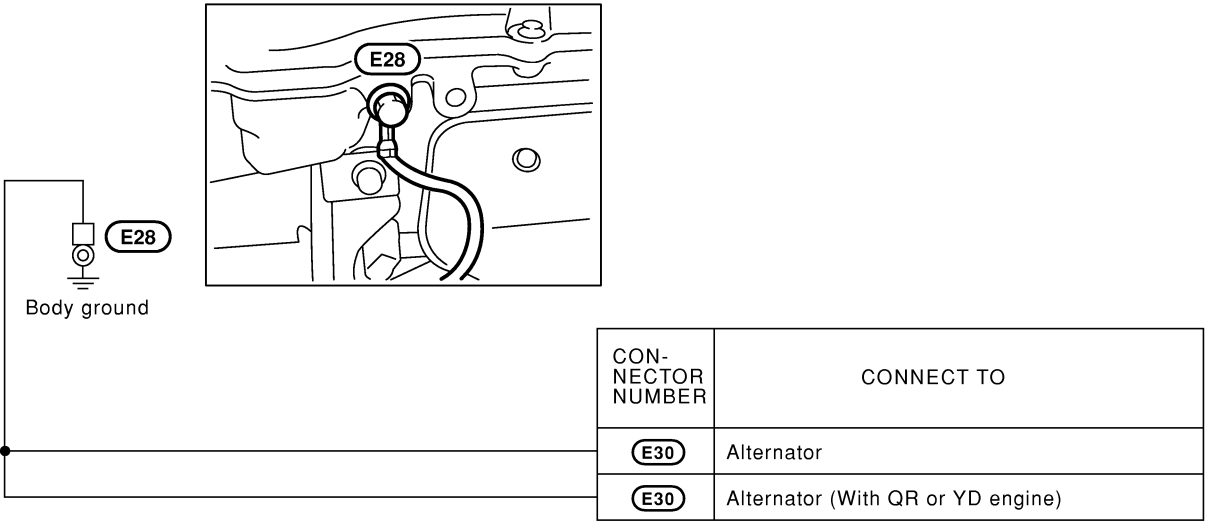


CON- NECTOR NUMBER	CONNECT TO
E12	Cooling fan relay-2 (RHD models with QR or YD engine)
E16	Cooling fan relay-4 (RHD models with QR or YD engine)
E41	Cooling fan motor-2 (LHD models with QR or YD engine)
E42	Cooling fan motor-2 (LHD models with QG engine)
E44	Cooling fan motor-1 (RHD models with QG engine)

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 <ul style="list-style-type: none"> • 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) <ul style="list-style-type: none"> • Front wiper switch
E112	Combination switch (Terminal No. 24) (LHD models) <ul style="list-style-type: none"> • Rear wiper switch
E122	Daytime light control unit (With daytime light system)

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GROUND

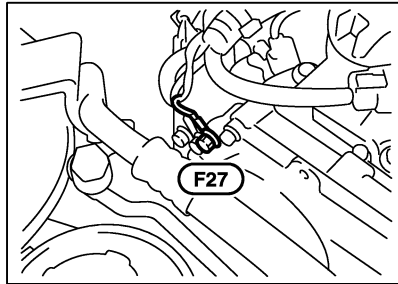
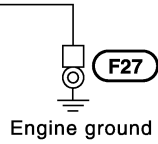


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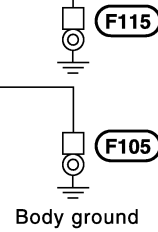
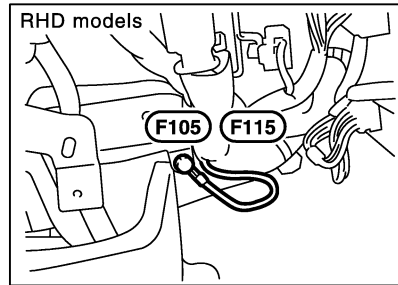
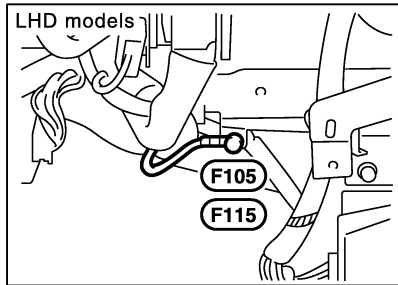
ENGINE CONTROL HARNESS/QR ENGINE MODELS

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



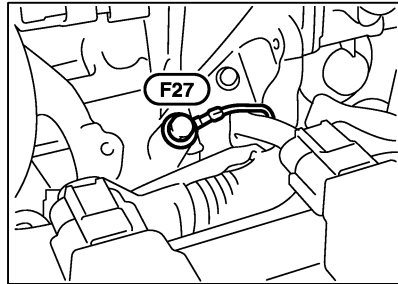
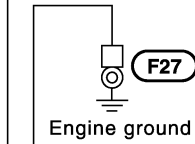
CON- NECTOR NUMBER	CONNECT TO
(F4)	Shield wire (Knock sensor)
(F5)	Crankshaft position sensor
(F9)	Park/neutral position switch (With M/T)
(F11)	Shield wire (Electric throttle control actuator)
(F11)	Shield wire (Electric throttle control actuator)
(F11)	Shield wire (Electric throttle control actuator)
(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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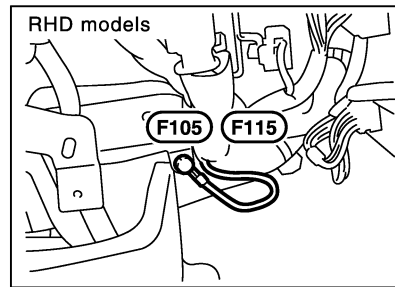
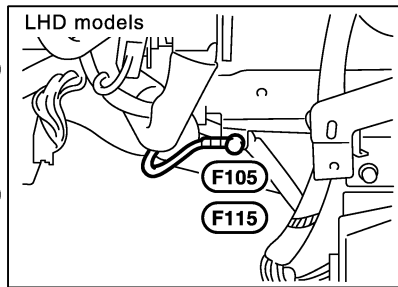
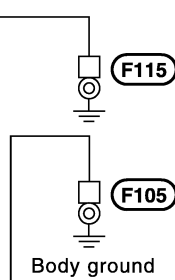
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ENGINE CONTROL HARNESS/QG ENGINE MODELS

To main
harness



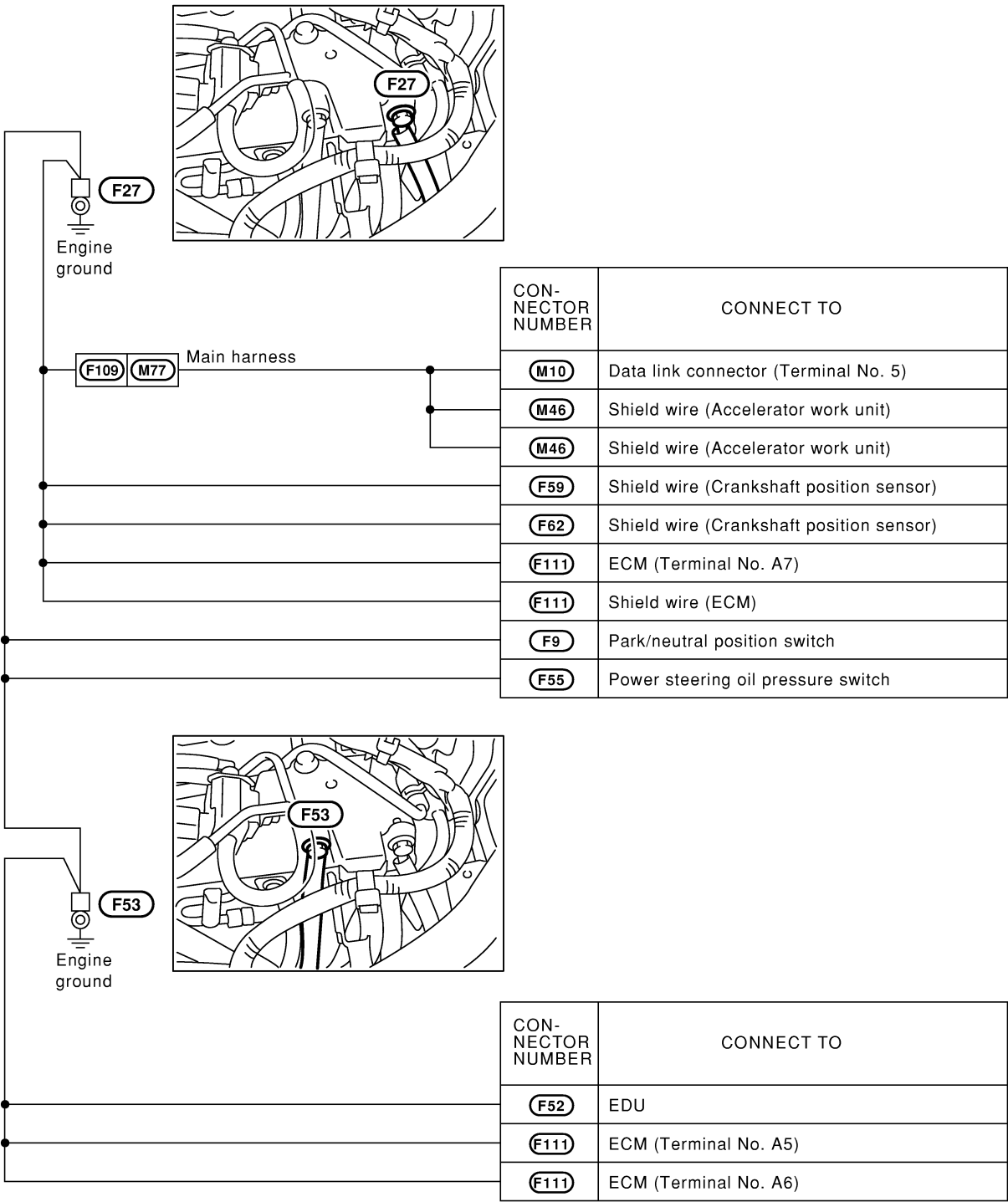
CON- NECTOR NUMBER	CONNECT TO
F1	Condenser
F17	Park/neutral position switch (With A/T)
F26	Ignition coil No. 1
F28	Ignition coil No. 2
F29	Ignition coil No. 3
F30	Ignition coil No. 4



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)

GROUND

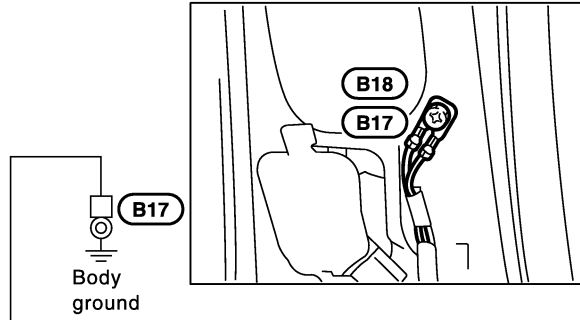
ENGINE CONTROL HARNESS/YD ENGINE MODELS



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GROUND

BODY HARNESS/LHD MODELS



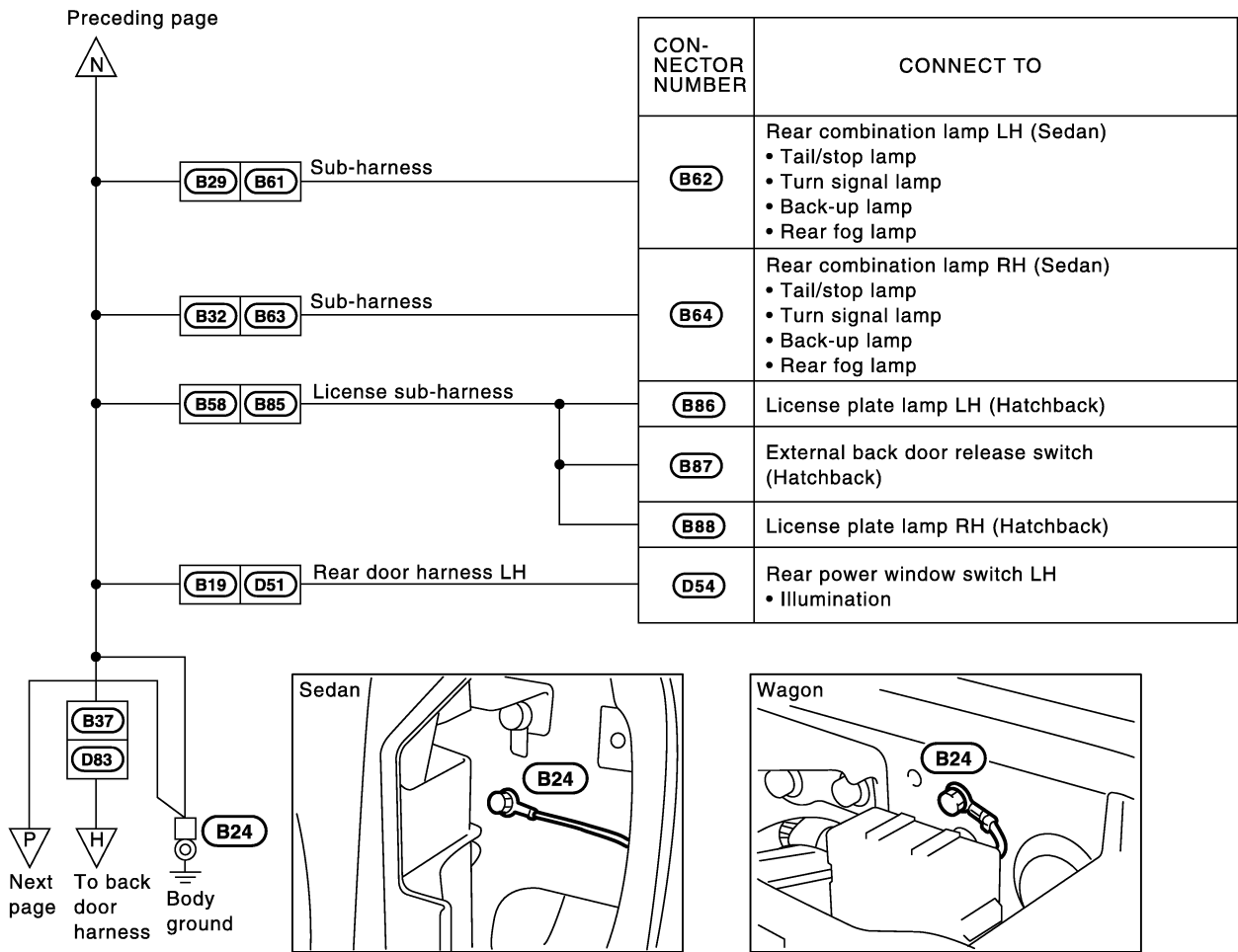
CON- NECTOR NUMBER	CONNECT TO
B9	ICC unit (Terminal No. 19) (With CVT)
B9	ICC unit (Terminal No. 20) (With CVT)
B10	ICC unit (Terminal No. 46) (With CVT)
B11	Heated seat LH
B12	Seat belt buckle switch LH
B13	Power seat LH
B22	Fuel level sensor unit and fuel pump • Fuel pump
B28	High-mounted stop lamp (Sedan)
B31	CD auto-changer
B38	Rear combination lamp LH (Wagon) • Tail/stop lamp • Turn signal lamp
B39	Rear combination lamp RH (Wagon) • Tail/stop lamp • Turn signal lamp
B41	Rear power socket relay (Wagon)
B53	High-mounted stop lamp (Hatchback)
B54	Rear wiper motor (Hatchback)
B56	Rear view camera (Hatchback)
B57	Back door release actuator (Hatchback) • Back door switch
B59	Rear combination lamp LH (Hatchback) • Tail/stop lamp • Turn signal lamp • Rear fog lamp
B91	Rear combination lamp RH (Hatchback) • Tail/stop lamp • Turn signal lamp • Back-up lamp



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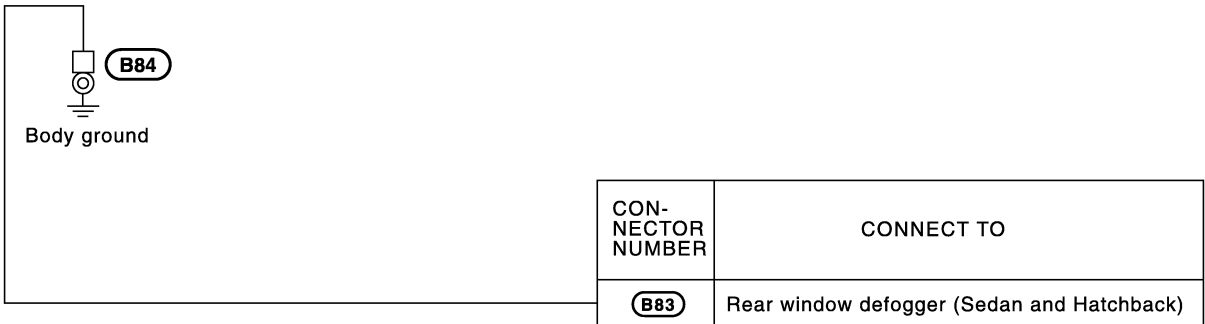
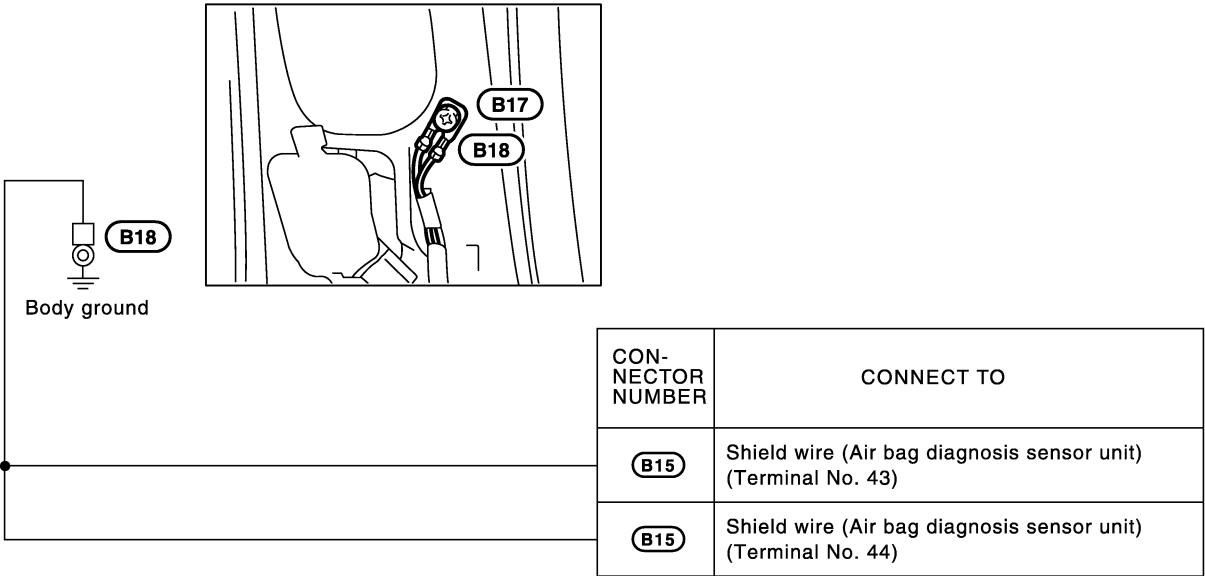
MKWA0715E

GROUND

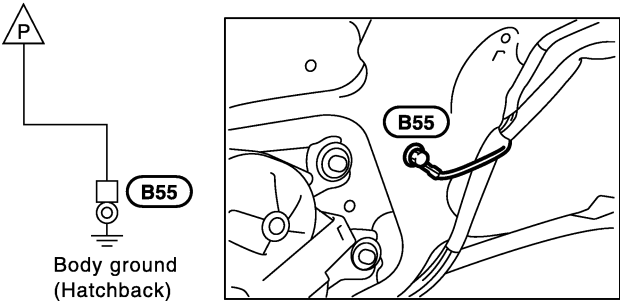


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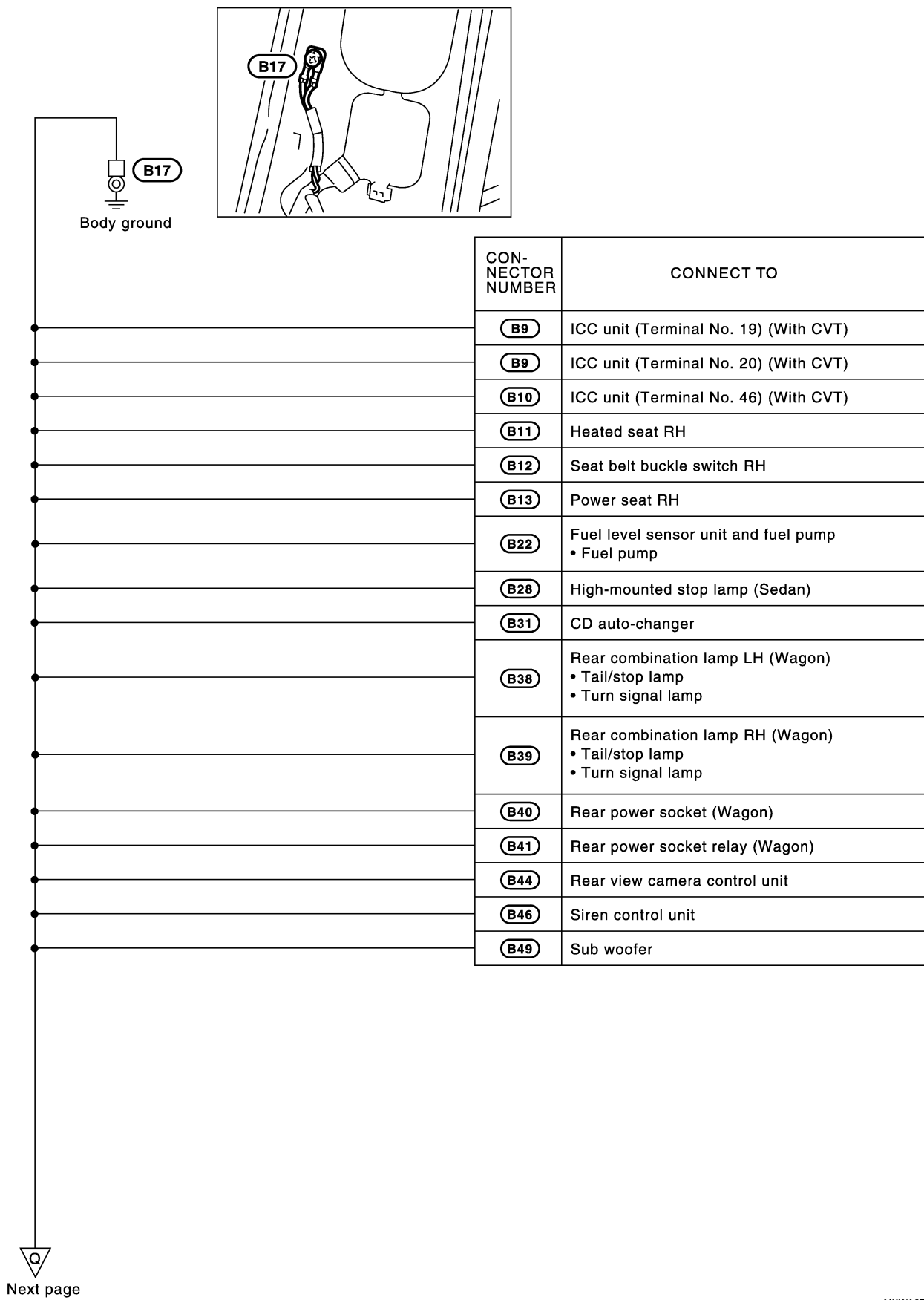


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GROUND

BODY HARNESS/RHD MODELS



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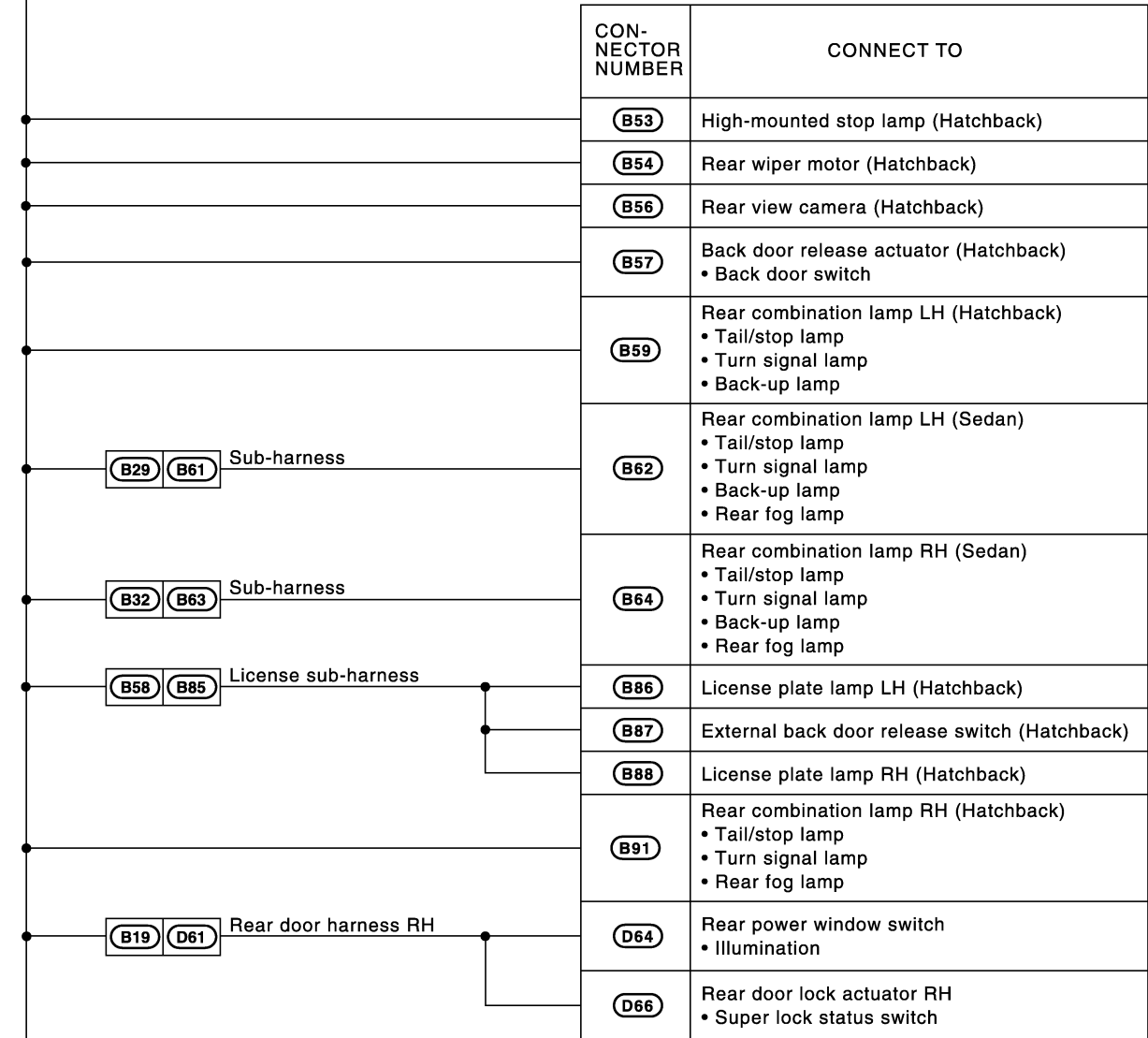
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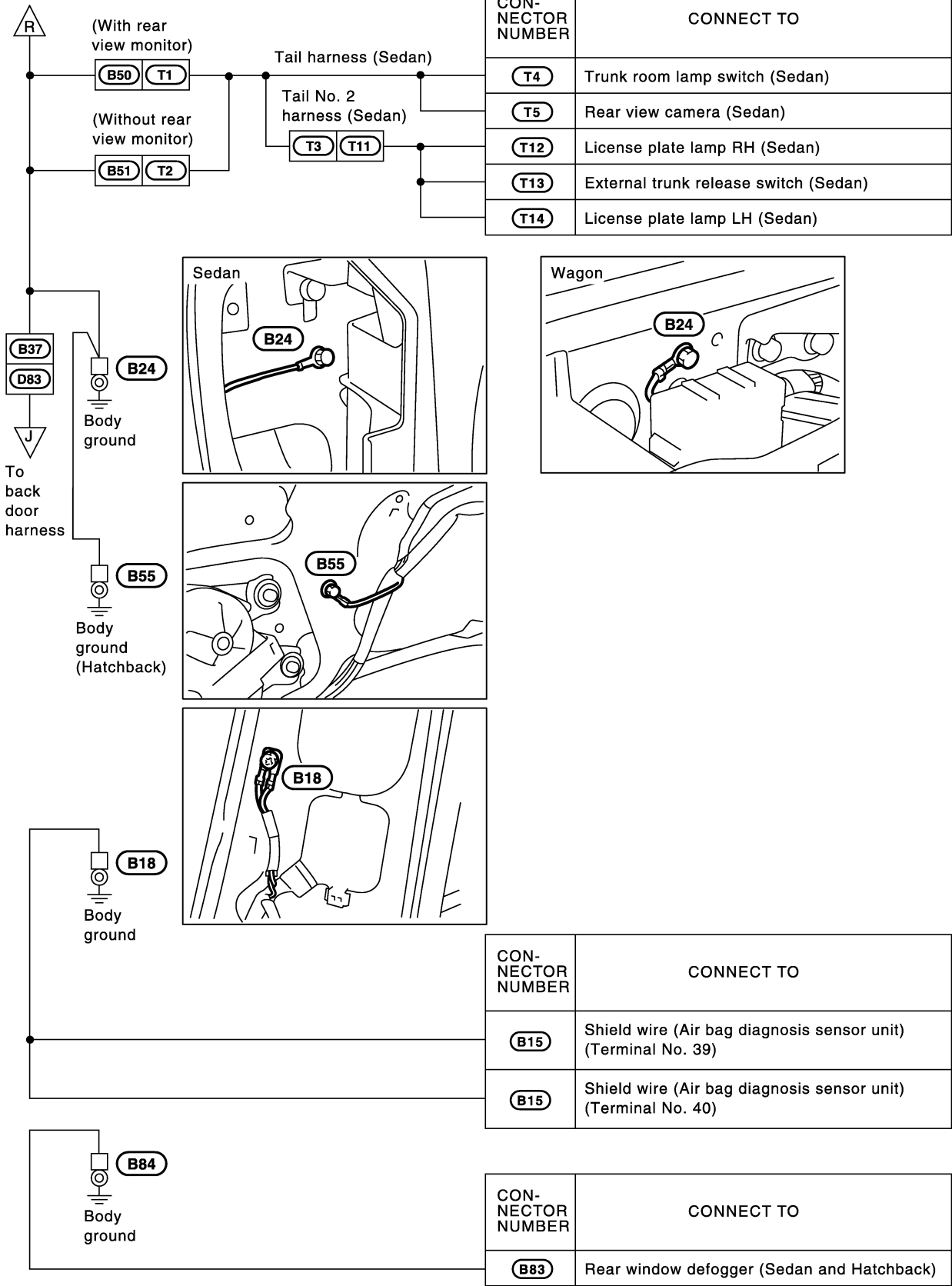


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MKWA0719E

GROUND

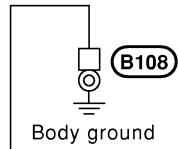
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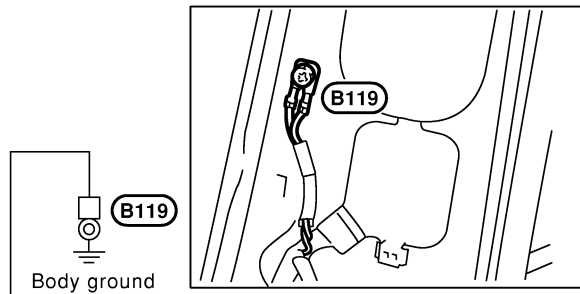
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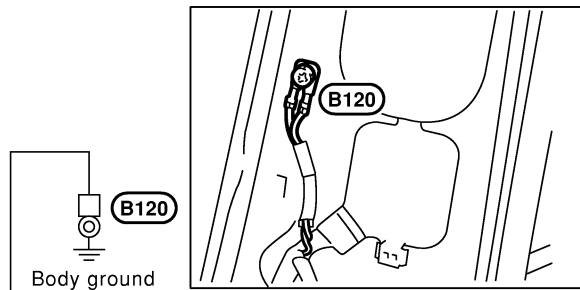
BODY NO.2 HARNESS/LHD MODELS



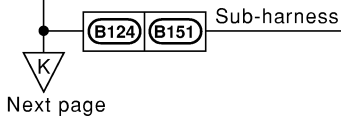
CON- NECTOR NUMBER	CONNECT TO
B109	ESP/TCS/ABS control unit (Terminal No. 28)
B109	ESP/TCS/ABS control unit (Terminal No. 29)



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)



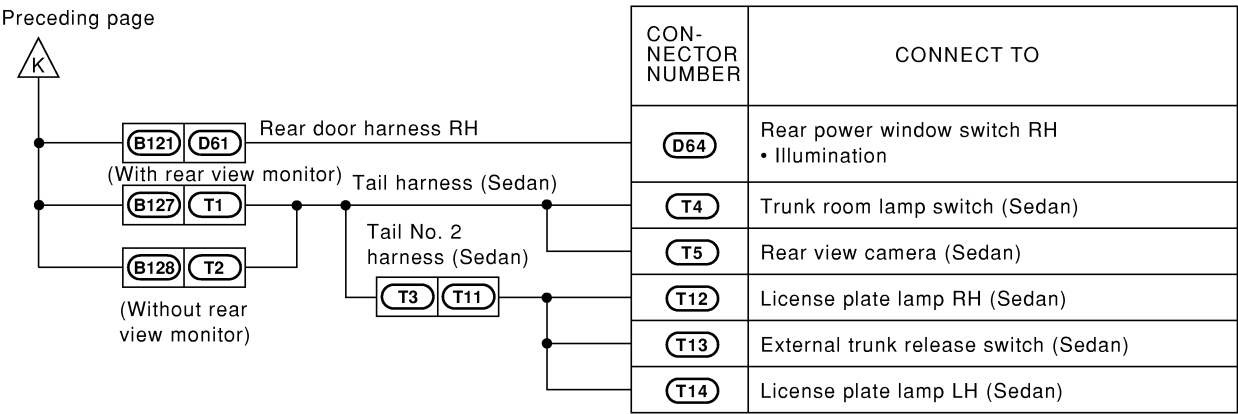
CON- NECTOR NUMBER	CONNECT TO
B111	Seat belt buckle switch RH
B112	Power seat RH
B113	Heated seat switch RH
B129	Siren control unit
B130	Rear view camera control unit
B137	Rear power socket (Wagon)
B140	Sub woofer
B152	Height sensor



MKWA0290E

GROUND

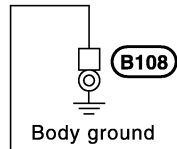
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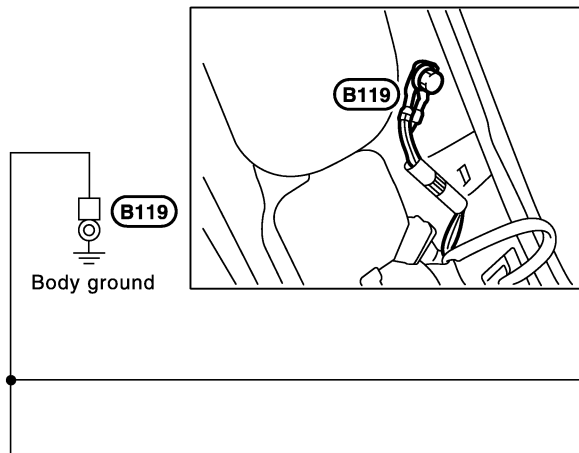
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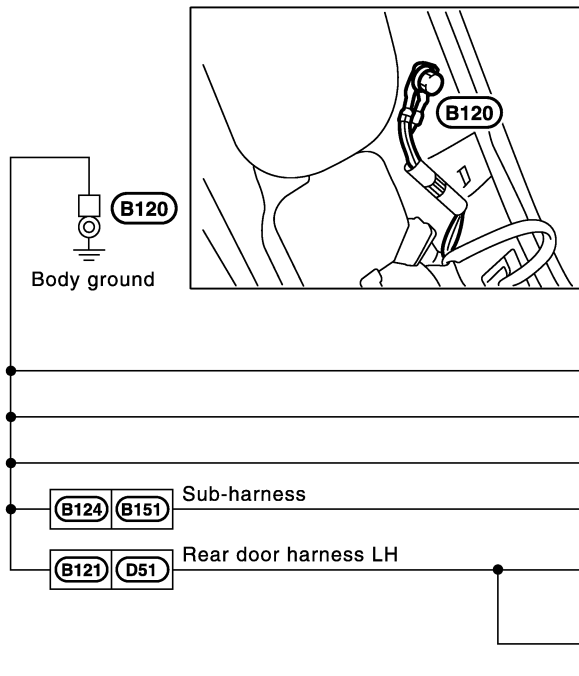
BODY NO.2 HARNESS/RHD MODELS



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)

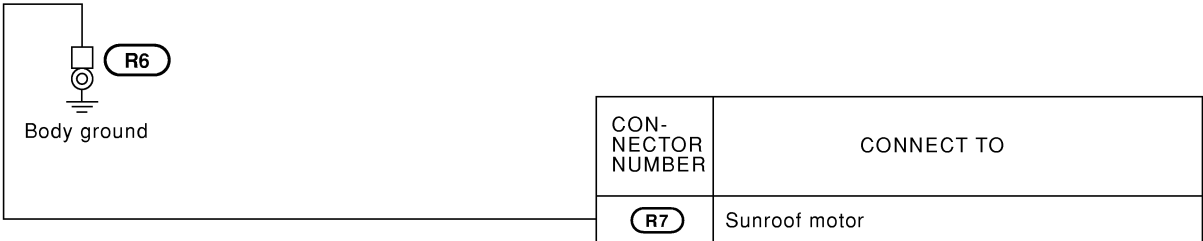


CON- NECTOR NUMBER	CONNECT TO
B111	Seat belt buckle switch LH
B112	Power seat LH
B113	Heated seat switch LH
B152	Height sensor
D54	Rear power window switch LH • Illumination
D56	Rear door lock actuator LH • Super lock status switch

MKWA0721E

GROUND

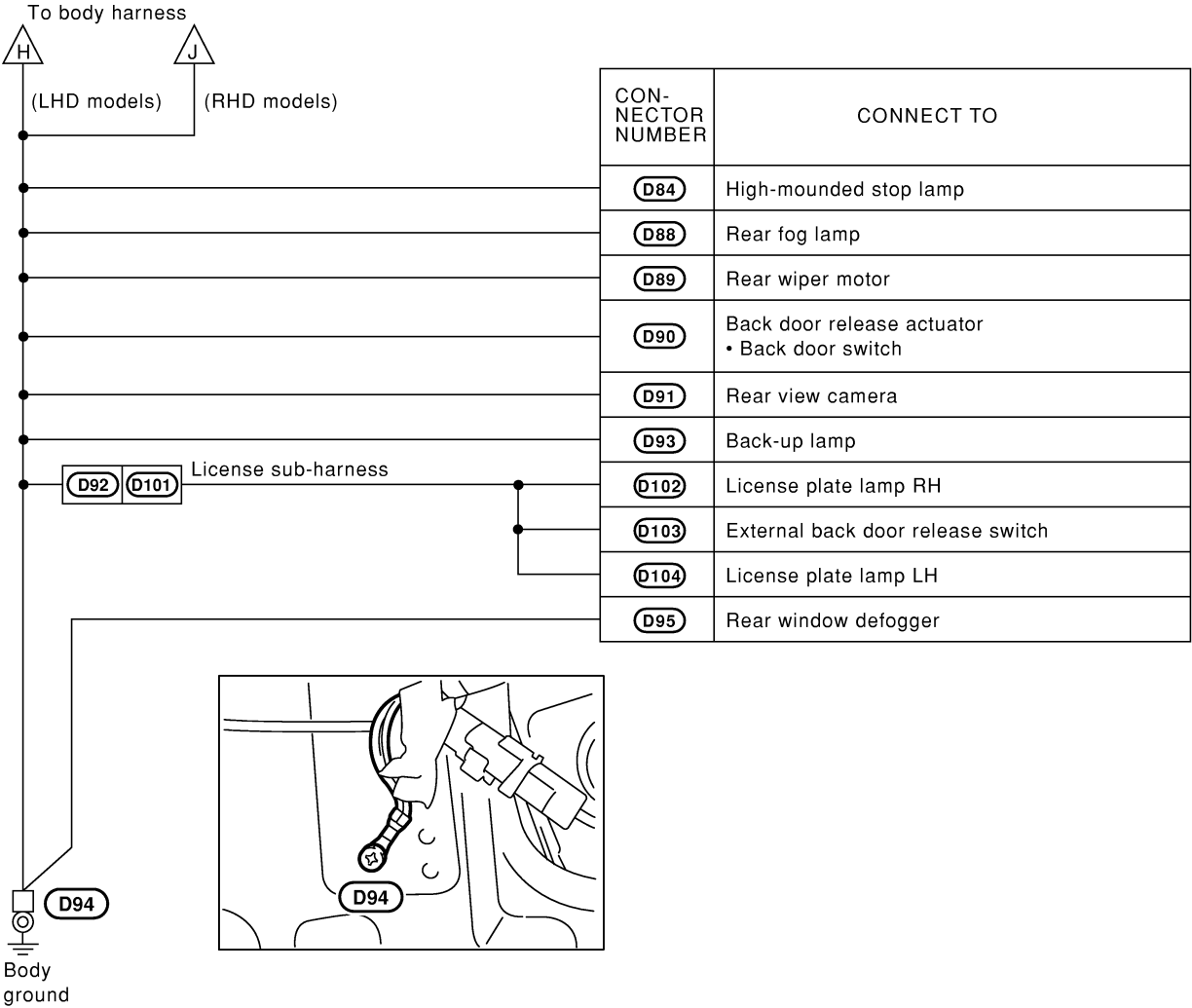
ROOM LAMP HARNESS



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GROUND

BACK DOOR HARNESS



HARNESS

PFP:00011

Harness Layout
HOW TO READ HARNESS LAYOUTS

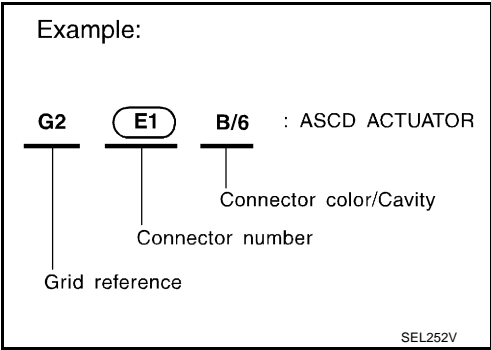
EKS0044F

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

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

To use the grid reference

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



CONNECTOR SYMBOL

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

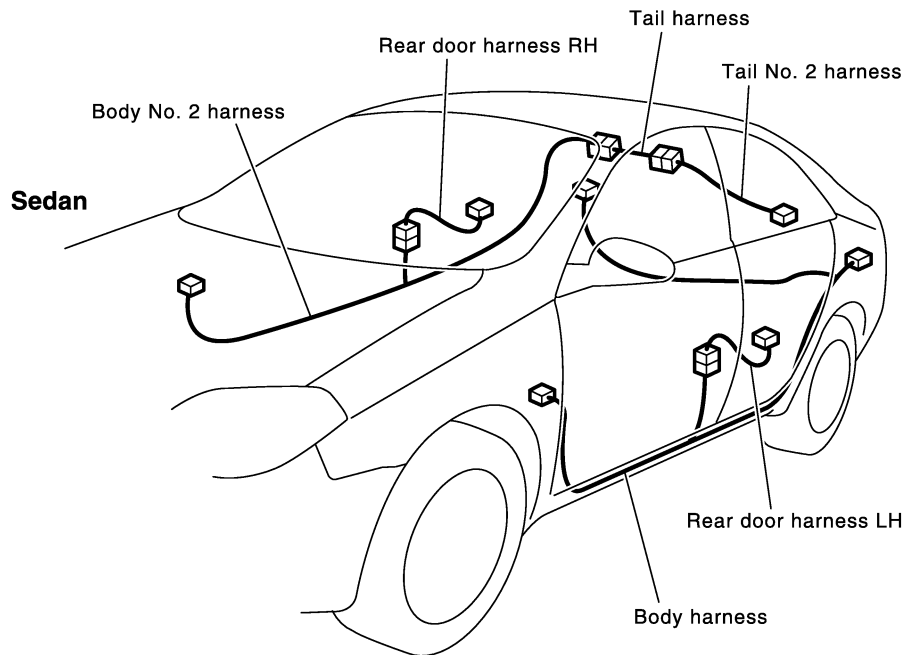
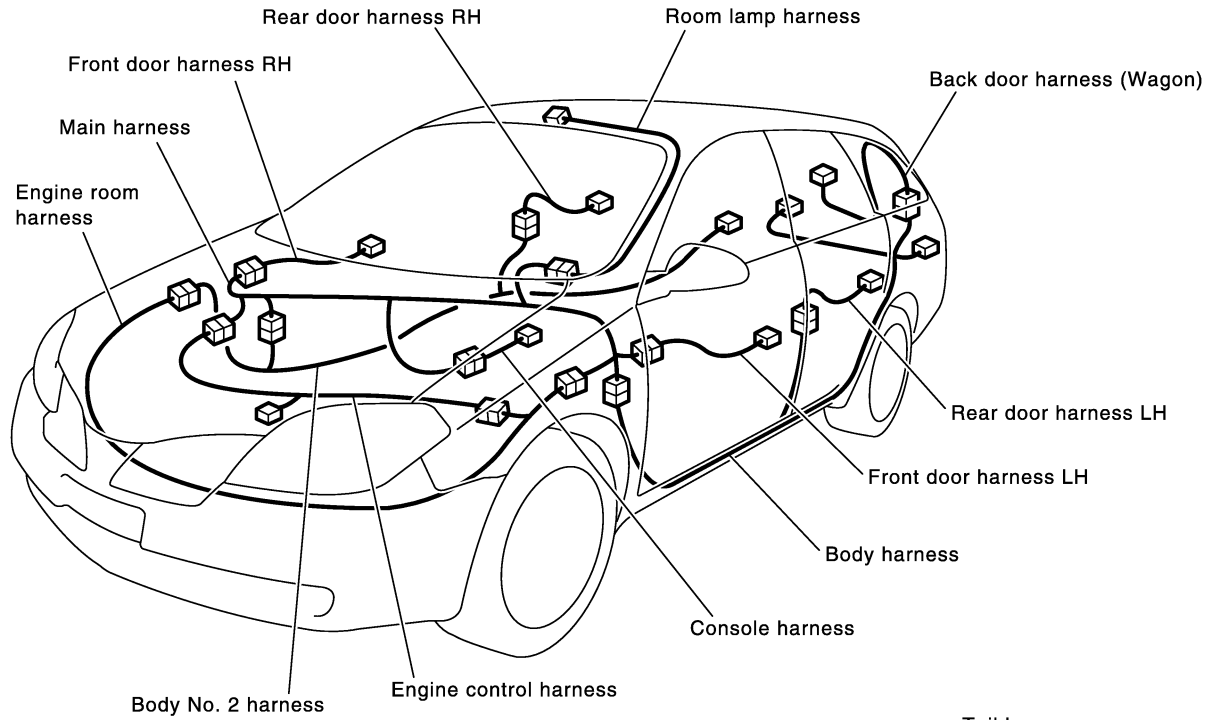
Connector type	Water proof type		Standard type	
	Male	Female	Male	Female
• Cavity: Less than 4 • Relay connector				
• Cavity: From 5 to 8				
• Cavity: More than 9	—	—		
• Ground terminal etc.	—			

SKIA0404E

HARNESS

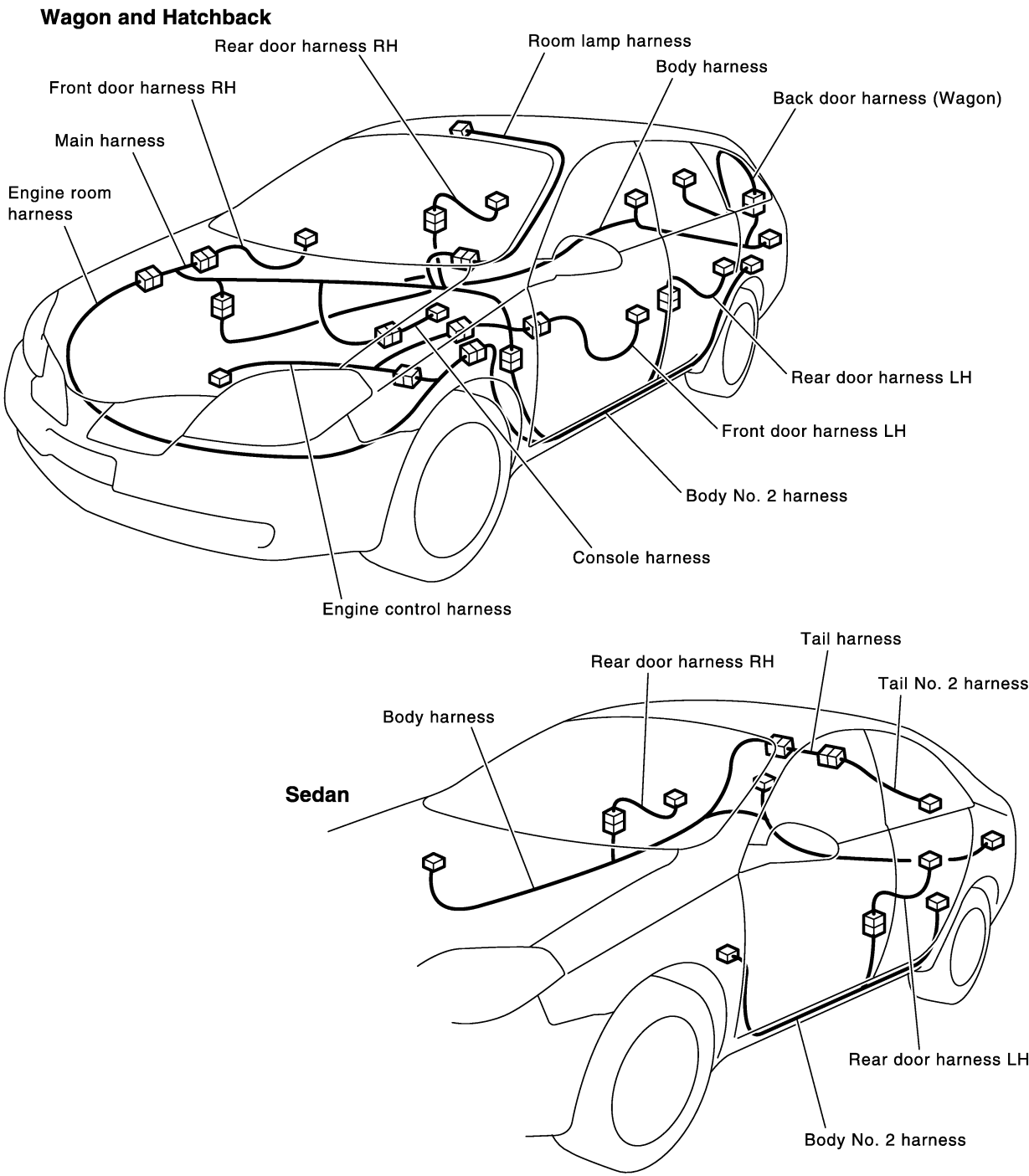
OUTLINE/LHD MODELS

Wagon and Hatchback



HARNESS

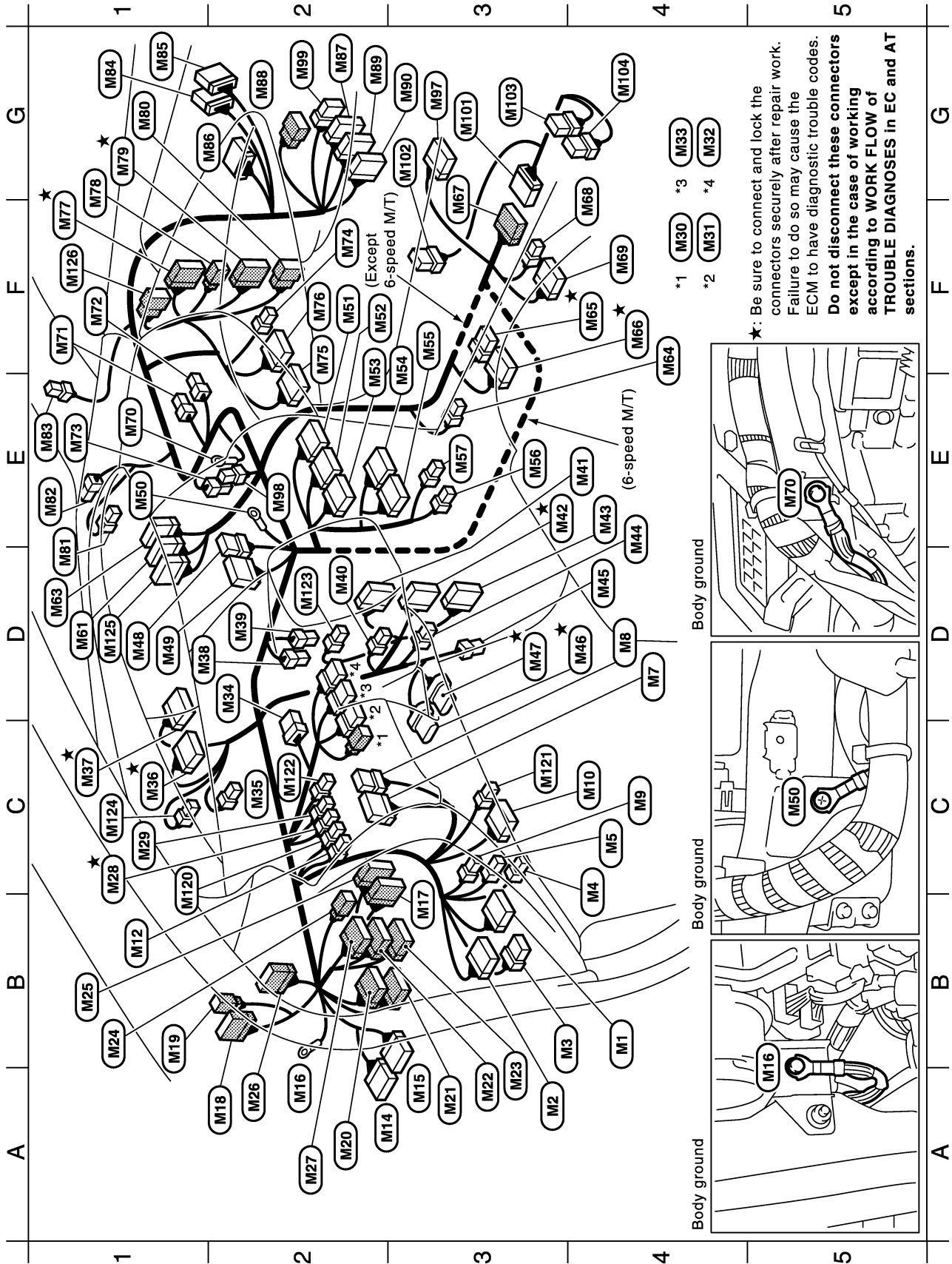
OUTLINE/RHD MODELS



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HARNESS

MAIN HARNESS/LHD MODELS



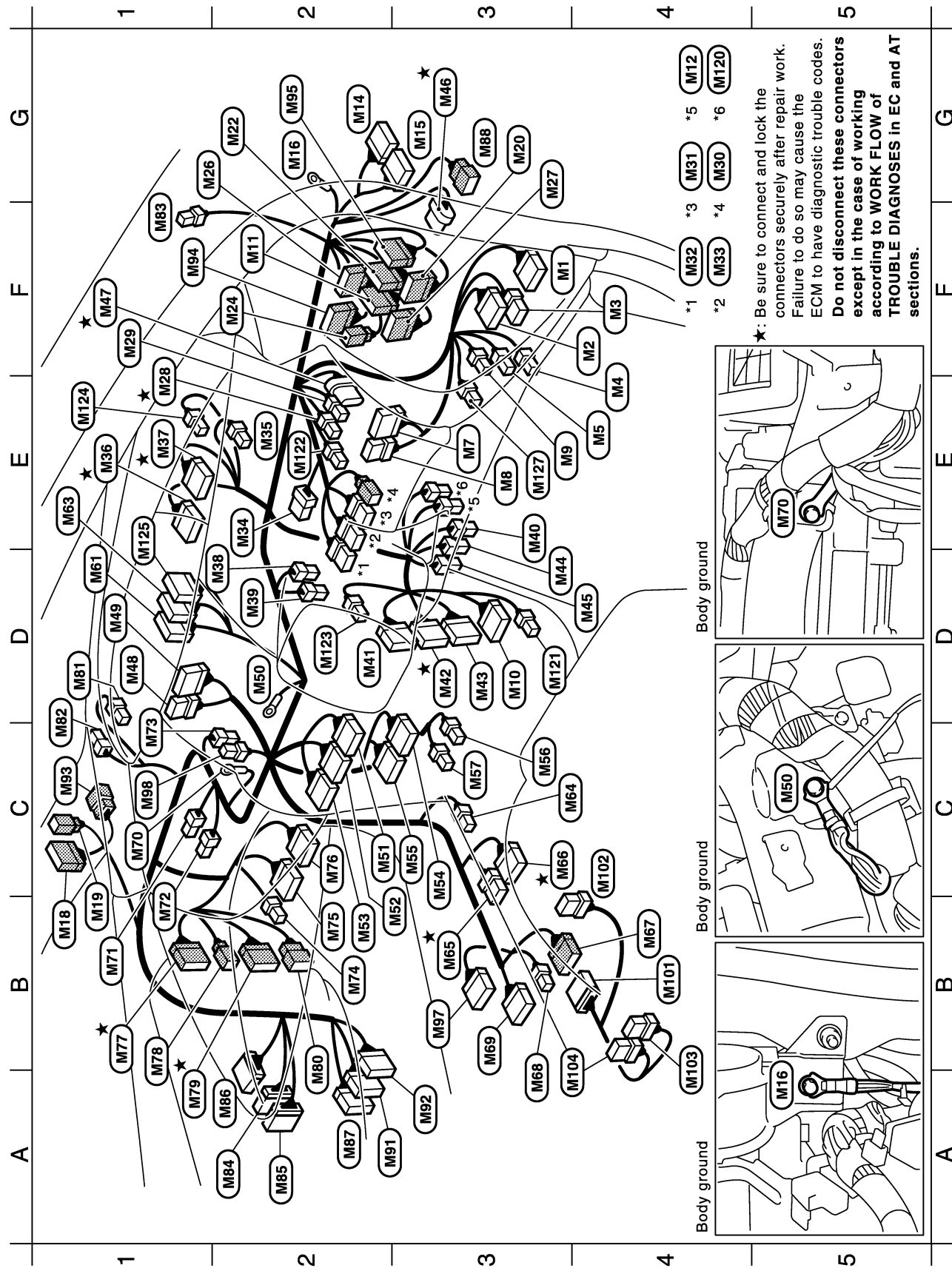
MKWA0722E

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	G1	(M84)	W/24	ICC unit (With M/T)
C4	(M5)	W/2	Circuit breaker-2	D4	(M45)	W/3	Fan control amp.	G1	(M85)	GY/24	ICC unit (With M/T)
D4	(M7)	W/10	Door mirror remote control switch	D4	(M46)	—/8	Accelerator work unit (With diesel engine)	G2	(M86)	W/16	To (D31)
D4	(M8)	GY/6	ESP off switch	D3	(M47)	—/6	Accelerator pedal position sensor (With gasoline engine)	G2	(M87)	W/24	To (B101)
C4	(M9)	L/4	Power window relay	D1	(M48)	W/8	Hazard switch	G2	(M88)	W/6	After market alarm
C4	(M10)	W/16	Data link connector	D1	(M49)	W/16	Multi function switch	G2	(M89)	W/16	To (B102)
B2	(M12)	L/2	ICC clutch switch	E1	(M50)	—	Body ground	G3	(M90)	W/12	To (B103) (With ESP)
A2	(M14)	W/12	To (D1)	F2	(M51)	W/12	Audio unit	G3	(M97)	W/12	Telephone sub-harness
A3	(M15)	W/16	To (D2)	F2	(M52)	W/12	Audio unit	E2	(M98)	W/2	Microphone
A2	(M16)	—	Body ground	F2	(M53)	W/24	Audio unit	G2	(M99)	W/6	To (B139) (Without ESP)
B3	(M17)	W/12	To (E123)	E2	(M54)	W/24	AV and NAVI control unit	C1	(M120)	L/2	ASCD clutch switch
A2	(M18)	W/12	To (R1)	E3	(M55)	GY/24	AV and NAVI control unit	C3	(M121)	BR/2	Pre-display unit
B1	(M19)	W/3	To (R2)	F3	(M56)	B/2	Cigarette lighter socket	C2	(M122)	BR/2	ASCD brake switch
A2	(M20)	BR/16	To (B2)	E3	(M57)	W/2	Asht-ray illumination	D2	(M123)	—/2	Diode
A3	(M21)	W/20	To (B3)	E3	(M58)	W/2	Display unit	C1	(M124)	W/3	Flasher sounder
A3	(M22)	W/24	To (B4)	D1	(M61)	BR/24	Display unit (Without navigation system)	D1	(M125)	W/16	Display unit (Without navigation system)
A3	(M23)	BR/20	To (B5)	D1	(M63)	GY/24	Display (With navigation system)	F1	(M126)	W/8	To (F116) (With QG engine)
B1	(M24)	W/2	To (E108)	F4	(M64)	W/2	Intake sensor	Console harness G3 (M101) W/12 : To (M67) G3 (M102) GY/6 : Door lock/unlock switch G3 (M103) BR/6 : Heated seat switch RH G4 (M104) W/6 : Heated seat switch LH Diode (M123) Smart entrance control unit — Combination switch (Washer switch)			
B1	(M25)	W/16	To (E124)	F4	(M65)	W/8	A/T device (With A/T)				
A2	(M26)	W/12	To (E111)	F4	(M66)	W/12	A/T device (With CVT)				
A2	(M27)	W/16	To (E109)	G3	(M67)	W/12	To (M101)				
C1	(M28)	B/2	Stop lamp switch	G4	(M68)	B/1	Parking brake switch	★ : 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.			
C1	(M29)	BR/2	ICC brake switch	F4	(M69)	Y/20	Air bag diagnosis sensor unit				
F4	(M30)	W/2	Key switch	E1	(M70)	—	Body ground				
F4	(M31)	Y/6	Spiral cable	F1	(M71)	W/2	Glove box lamp				
G4	(M32)	GY/8	Spiral cable	F1	(M72)	Y/2	Front passenger air bag module	★ : 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.			
G4	(M33)	W/8	Steering angle sensor	F1	(M73)	W/3	Intake door motor				
D2	(M34)	W/8	NATS antenna amp.	F2	(M74)	W/2	Blower motor				
C2	(M35)	B/2	Seat belt warning lamp (Driver side)	F2	(M75)	GY/20	A/C auto amp.				
C1	(M36)	L/26	Combination meter	F2	(M76)	GY/16	A/C auto amp.	★ : 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.			
C1	(M37)	Y/26	Combination meter	F1	(M77)	W/24	To (F109)				
D1	(M38)	W/3	ICC warning chime	G1	(M78)	W/2	To (F106)				
D2	(M39)	W/2	In-vehicle sensor	G1	(M79)	W/16	To (F108) (With QR engine)				
D2	(M40)	W/3	Air mix door motor	G1	(M80)	W/8	To (F110) (With diesel engine)				

MKWA0723E

HARNESS

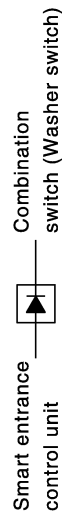
MAIN HARNESS/RHD MODELS



MKWA0724E

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	(M84)	W/24	: ICC unit (With M/T)
E4	(M5)	W/2	: Circuit breaker-2	D4	(M45)	W/3	: Fan control amp.	A2	(M85)	GY/24	: ICC unit (With M/T)
E3	(M7)	W/10	: Door mirror remote control switch	G3	(M46)	-/8	: Accelerator work unit (With diesel engine)	A2	(M86)	W/16	: To (B31)
E3	(M8)	GY/6	: ESP off switch	F1	(M47)	-/6	: Accelerator pedal position sensor (With gasoline engine)	A2	(M87)	W/24	: To (B101)
E3	(M9)	L/4	: Power window relay	D1	(M48)	W/8	: Hazard switch	G3	(M88)	W/6	: After market alarm
D3	(M10)	W/16	: Data link connector	D1	(M49)	W/16	: Multi function switch	A2	(M91)	W/12	: To (B134) (With ESP)
D3	(M11)	BR/24	: To (B48)	D2	(M50)	-	: Body ground	A3	(M92)	W/10	: To (B135) (Without ESP)
G4	(M12)	L/2	: ICC clutch switch	C2	(M51)	W/12	: Audio unit	C1	(M93)	BR/8	: Dongle unit
G2	(M14)	W/12	: To (D1)	B3	(M52)	W/12	: Audio unit	F1	(M94)	W/24	: To (E110)
G3	(M15)	W/16	: To (D2)	B2	(M53)	W/24	: Audio unit	G2	(M95)	GY/24	: To (B42)
G2	(M16)	-	: Body ground	C3	(M54)	W/24	: AV and NAVI control unit	B3	(M97)	W/12	: Telephone sub-harness
B1	(M18)	W/12	: To (R1)	C3	(M55)	GY/24	: AV and NAVI control unit	C1	(M98)	W/2	: Microphone
B1	(M19)	W/3	: To (R2)	C3	(M56)	B/2	: Cigarette lighter socket	G4	(M120)	L/2	: ASCD clutch switch
G3	(M20)	BR/16	: To (B2)	C3	(M57)	W/2	: Ashtray illumination	D3	(M121)	BR/2	: Pre-display unit
G2	(M22)	W/24	: To (B4)	D1	(M61)	BR/24	: Display unit (Without navigation system)	E2	(M122)	BR/2	: ASCD brake switch
F2	(M24)	W/2	: To (E108)	E1	(M63)	GY/24	: Display (With navigation system)	D2	(M123)	-/2	: Diode
G1	(M26)	W/12	: To (E111)	C3	(M64)	W/2	: Intake sensor	E1	(M124)	W/3	: Flasher sounder
G3	(M27)	W/16	: To (E109)	B3	(M65)	W/8	: A/T device (With A/T)	E1	(M125)	W/16	: Display unit (Without navigation system)
E1	(M28)	B/2	: Stop lamp switch	C3	(M66)	W/12	: A/T device (With CVT)	E3	(M127)	L/4	: Rear power window relay
F1	(M29)	BR/2	: ICC brake switch	B4	(M67)	W/12	: To (M101)	Console harness			
G4	(M30)	W/2	: Key switch	A3	(M68)	B/1	: Parking brake switch	B4	(M101)	W/12	: To (M67)
G4	(M31)	Y/6	: Spiral cable	B3	(M69)	Y/20	: Air bag diagnosis sensor unit	C4	(M102)	GY/6	: Door lock/unlock switch
G4	(M32)	GY/8	: Spiral cable	C1	(M70)	-	: Body ground	B4	(M103)	BR/6	: Heated seat switch RH
G4	(M33)	W/8	: Steering angle sensor	B1	(M71)	W/2	: Glove box lamp	B3	(M104)	W/6	: Heated seat switch LH
E2	(M34)	W/8	: NATS antenna amp.	B1	(M72)	Y/2	: Front passenger air bag module				
E2	(M35)	B/2	: Seat belt warning lamp (Driver side)	C1	(M73)	W/3	: Intake door motor				
E1	(M36)	L/26	: Combination meter	B2	(M74)	W/2	: Blower motor				
E1	(M37)	Y/26	: Combination meter	B2	(M75)	GY/20	: A/C auto amp.				
D2	(M38)	W/3	: ICC warning chime	C2	(M76)	GY/16	: A/C auto amp.				
D2	(M39)	W/2	: In-vehicle sensor	B1	(M77)	W/24	: To (F109)				
E3	(M40)	W/3	: Air mix door motor	B1	(M78)	W/2	: To (F106)				
				A1	(M79)	W/16	: To (F108) (With QR engine)				
				A2	(M80)	W/8	: To (F110) (With diesel engine)				

Diode (M123)

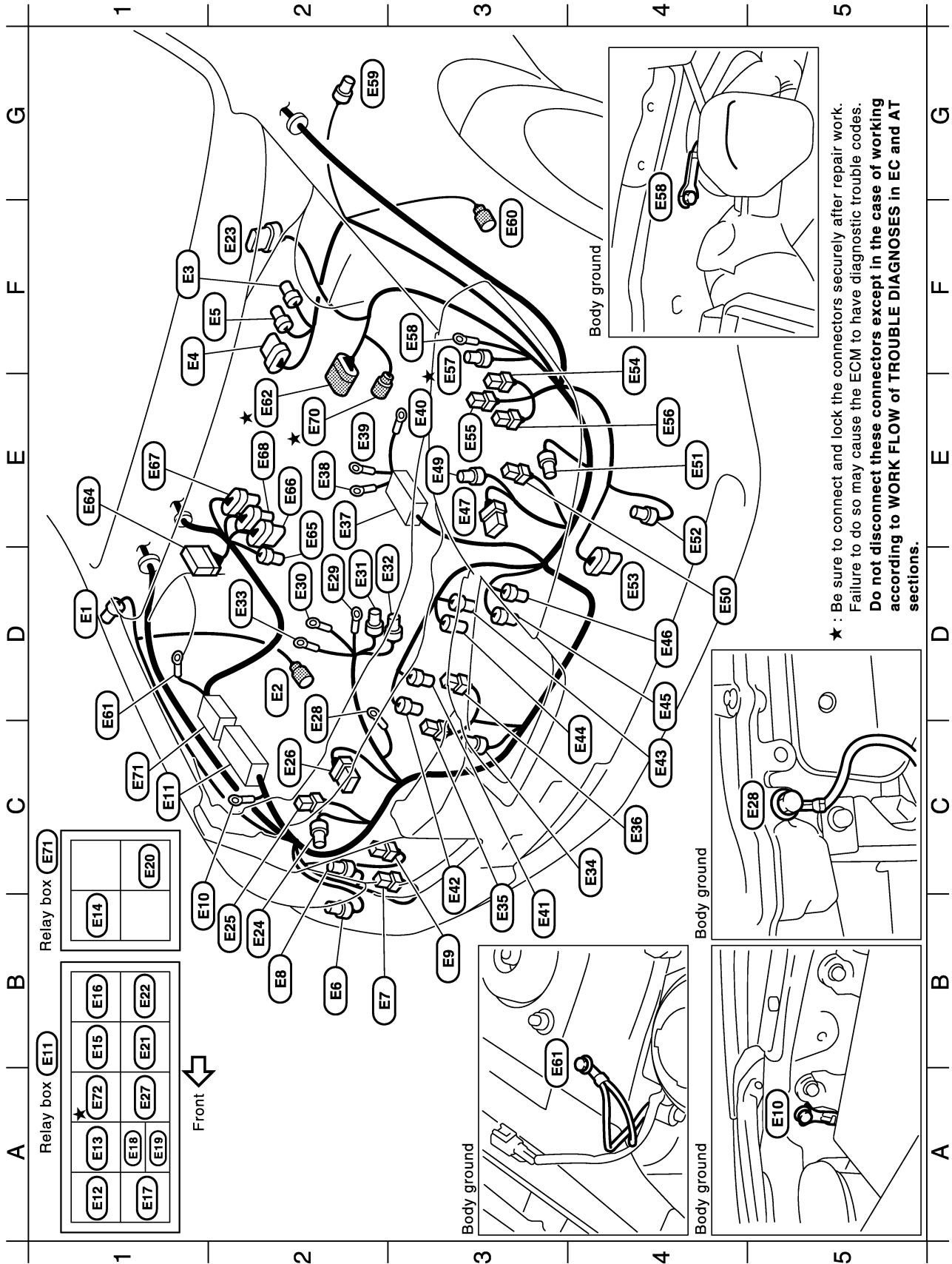


★: Be sure to connect and lock the connectors securely after repair work.
Failure to do so may cause the ECM to have diagnostic trouble codes.

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

ENGINE ROOM HARNESS/LHD MODELS

ENGINE ROOM HARNESS/LHD MODELS



D1	(E1)	-/2	: Side turn signal lamp	E3	(E40)	-	: Battery
D2	(E2)	GY/2	: Front wheel sensor RH	B3	(E41)	B/2	: Cooling fan motor-2 (With QR or YD engine)
F1	(E3)	GY/2	: Brake fluid level switch	C3	(E42)	B/2	: Cooling fan motor-2 (With QG engine)
F1	(E4)	GY/6	: Brake booster	C4	(E43)	B/2	: Cooling fan motor-1 (With QR or YD engine)
F2	(E5)	-/3	: Brake pressure sensor	C4	(E44)	B/2	: Cooling fan motor-1 (With QG engine)
B2	(E6)	-/2	: Front fog lamp RH	D4	(E45)	B/3	: Refrigerant pressure sensor (With gasoline engine)
B2	(E7)	B/2	: Washer level switch	D4	(E46)	B/2	: Dual pressure switch (With YD engine)
B2	(E8)	-/2	: Headlamp washer motor	E3	(E47)	-/5	: Headlamp LH
B3	(E9)	-/2	: Washer motor	E3	(E49)	GY/2	: Food switch
B1	(E10)	-	: Body ground	D4	(E50)	-/3	: Headlamp aiming motor LH
C1	(E11)	-	: Relay box	E4	(E51)	GY/3	: Front combination lamp LH
A1	(E12)	B/5	: Cooling fan relay-2 (With QR or YD engine)	E4	(E52)	-/2	: Front fog lamp LH
A1	(E13)	L/4	: Park/neutral position relay (With A/T or CVT)	D4	(E53)	-/6	: ICC sensor
B1	(E14)	L/4	: Headlamp LH relay (With xenon type)	F4	(E54)	W/1	: Glow relay (With YD engine)
B1	(E15)	W/3	: Horn relay	E3	(E55)	W/1	: Glow relay (With YD engine)
B1	(E16)	B/5	: Cooling fan relay-4 (With QR or YD engine)	E4	(E56)	G/2	: Glow relay (With YD engine)
A1	(E17)	L/4	: Air conditioner relay	F3	(E57)	GY/2	: Dropping resistor (With A/T)
A1	(E18)	B/4	: Cooling fan relay-1 (With QR or YD engine)	F3	(E58)	-	: Body ground
A1	(E19)	BR/6	: Cooling fan relay-1 (With QG engine)	G2	(E59)	-/2	: Side turn signal lamp LH
C1	(E20)	L/4	: Headlamp RH relay (With xenon type)	F3	(E60)	L/2	: Front wheel sensor LH
B1	(E21)	B/4	: Cooling fan relay-3 (With QR or YD engine)	C1	(E61)	-	: Body ground (Without ESP)
B1	(E22)	L/4	: Front fog lamp relay	E2	(E62)	GY/9	: To (F12)
F2	(E23)	GY/6	: Front wiper motor	E1	(E64)	-/26	: ABS actuator and electric unit (control unit) (Without ESP)
B2	(E24)	GY/3	: Front combination lamp RH	E2	(E65)	B/2	: ESP/TCS/ABS relay box (With ESP)
B2	(E25)	-/3	: Headlamp aiming motor RH	E2	(E66)	B/8	: ESP/TCS/ABS relay box (With ESP)
C2	(E26)	-/5	: Headlamp RH	E1	(E67)	B/8	: ESP/TCS/ABS actuator (With ESP)
A1	(E27)	BR/6	: Daytime light relay	E2	(E68)	GY/8	: ESP/TCS/ABS actuator (With ESP)
D2	(E28)	-	: Body ground	E2	(E70)	B/4	: To (F13)
D2	(E29)	-	: Alternator	C1	(E71)	-	: Relay box
D2	(E30)	-	: Alternator	A1	(E72)	GY/6	: ICC brake hold relay
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.

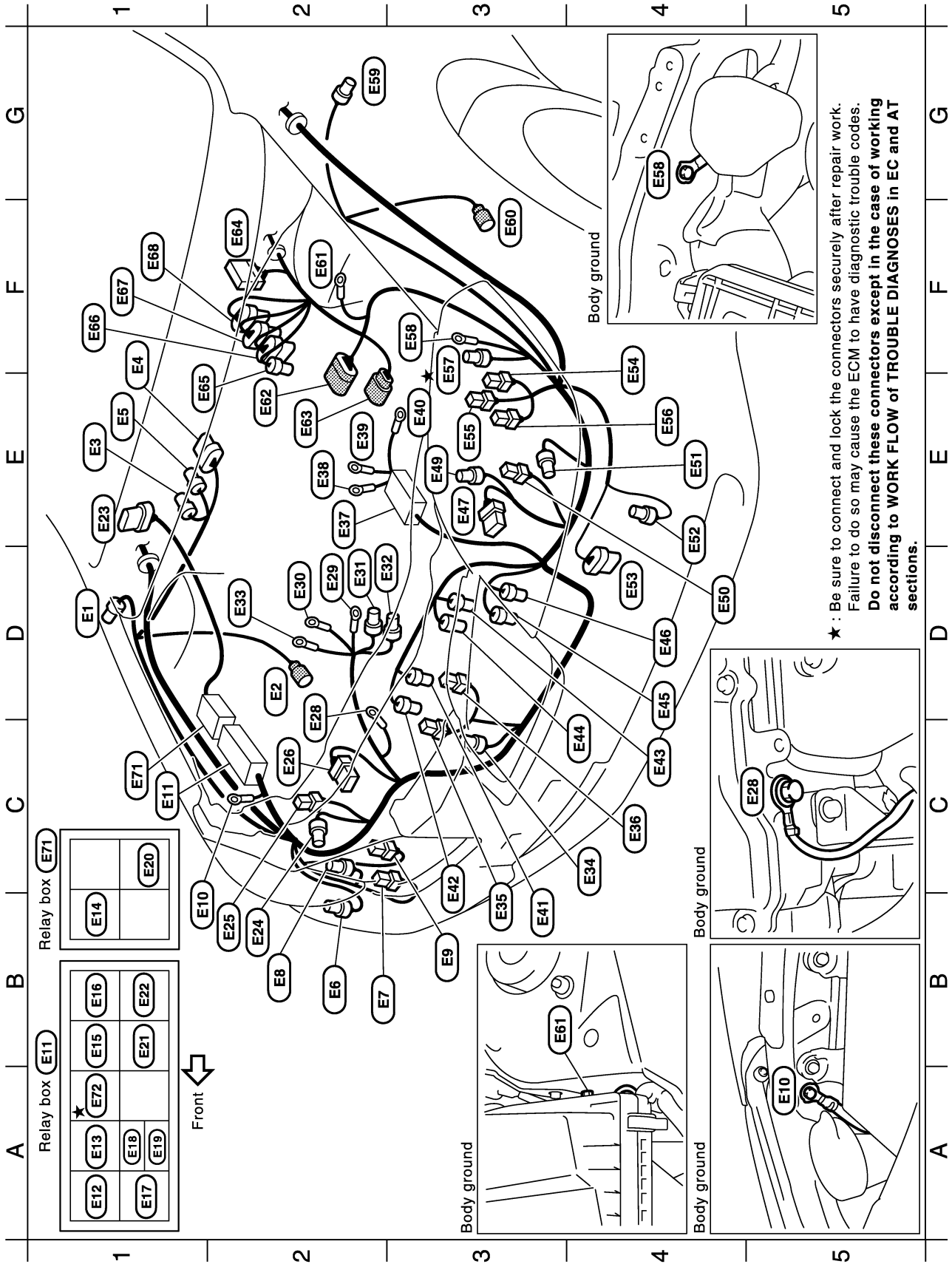


E115	BR/12	:	Combination switch (Lighting and turn signal switch)
E116	W/6	:	Ignition switch
E117	W/16	:	To E104 (With ESP)
E118	W/2	:	To E105 (With ESP)
E119	BR/16	:	To E106 (With ESP)
E120	GY/6	:	To E107 (Without ESP)
E121	GY/6	:	Daytime light control unit
E122	GY/8	:	Daytime light control unit
E123	W/12	:	To M17
E124	W/16	:	To M25

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

HARNESS

ENGINE ROOM HARNESS/RHD MODELS



MKWA0729E

D1	(E1)	-/2	: Side turn signal lamp	E3	(E40)	-	: Battery
D2	(E2)	GY/2	: Front wheel sensor RH	B3	★(E41)	B/2	: Cooling fan motor-2 (With QR or YD engine)
E1	(E3)	GY/2	: Brake fluid level switch	C3	(E42)	B/2	: Cooling fan motor-2 (With QG engine)
F1	(E4)	GY/6	: Brake booster	C4	★(E43)	B/2	: Cooling fan motor-1 (With QR or YD engine)
E1	(E5)	-/3	: Brake pressure sensor	C4	(E44)	B/2	: Cooling fan motor-1 (With QG engine)
B2	(E6)	-/2	: Front fog lamp RH	D4	(E45)	B/3	: Refrigerant pressure sensor (With gasoline engine)
B2	(E7)	B/2	: Washer level switch	D4	(E46)	B/2	: Dual pressure switch (With YD engine)
B2	(E8)	-/2	: Headlamp washer motor	E3	(E47)	-/5	: Headlamp LH
B3	(E9)	-/2	: Washer motor	E3	(E49)	GY/2	: Food switch
B1	(E10)	-	: Body ground	D4	(E50)	-/3	: Headlamp aiming motor LH
C1	(E11)	-	: Relay box	E4	(E51)	GY/3	: Front combination lamp LH
A1	★(E12)	B/5	: Cooling fan relay-2 (With QR or YD engine)	E4	(E52)	-/2	: Front fog lamp LH
A1	(E13)	L/4	: Park/neutral position relay (With A/T or CVT)	D4	(E53)	-/6	: ICC sensor
B1	(E14)	L/4	: Headlamp LH relay (With xenon type)	F4	(E54)	W/1	: Glow relay (With YD engine)
B1	(E15)	W/3	: Horn relay	E3	(E55)	W/1	: Glow relay (With YD engine)
B1	★(E16)	B/5	: Cooling fan relay-4 (With QR or YD engine)	E4	(E56)	G/2	: Glow relay (With YD engine)
A1	(E17)	L/4	: Air conditioner relay	F3	★(E57)	GY/2	: Dropping resistor (With A/T)
A1	★(E18)	B/4	: Cooling fan relay-1 (With QR or YD engine)	F3	(E58)	-	: Body ground
A1	(E19)	BR/6	: Cooling fan relay-1 (With QG engine)	G2	(E59)	-/2	: Side turn signal lamp LH
C1	(E20)	L/4	: Headlamp RH relay (With xenon type)	F3	(E60)	L/2	: Front wheel sensor LH
B1	★(E21)	B/4	: Cooling fan relay-3 (With QR or YD engine)	F2	(E61)	-	: Body ground (Without ESP)
B1	(E22)	L/4	: Front fog lamp relay	E2	★(E62)	GY/9	: To (F12)
E1	(E23)	GY/6	: Front wiper motor	E2	★(E63)	B/6	: To (F31)
B2	(E24)	GY/3	: Front combination lamp RH	F2	(E64)	-/26	: ABS actuator and electric unit (control unit) (Without ESP)
B2	(E25)	-/3	: Headlamp aiming motor RH	E1	(E65)	B/2	: ESP/TCS/ABS relay box (With ESP)
C2	(E26)	-/5	: Headlamp RH	F1	(E66)	B/8	: ESP/TCS/ABS relay box (With ESP)
D2	(E28)	-	: Body ground	F1	(E67)	B/8	: ESP/TCS/ABS actuator (With ESP)
D2	(E29)	-	: Alternator	F1	(E68)	GY/8	: ESP/TCS/ABS actuator (With ESP)
D2	(E30)	-	: Alternator	C1	(E71)	-	: Relay box
D2	(E31)	GY/2	: Alternator	A1	★(E72)	GY/6	: ICC brake hold relay
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.



- ★ : 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.**

★ : 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.**

(F1)	GY/2	: Condenser
(F2)	GY/1	: Oil pressure switch
(F3)	B/1	: Starter motor (With CVT)
★ (F4)	-/2	: Knock sensor
★ (F5)	B/3	: Crankshaft position sensor
★ (F6)	B/3	: Power steering pressure sensor
★ (F7)	GY/2	: Dropping resistor (With CVT)
★ (F8)	B/3	: Secondary speed sensor (With CVT)
★ (F9)	B/2	: Park/neutral position switch (With M/T)
★ (F10)	L/2	: Evap canister purge volume control solenoid valve
★ (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 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 (F81)
★ (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)

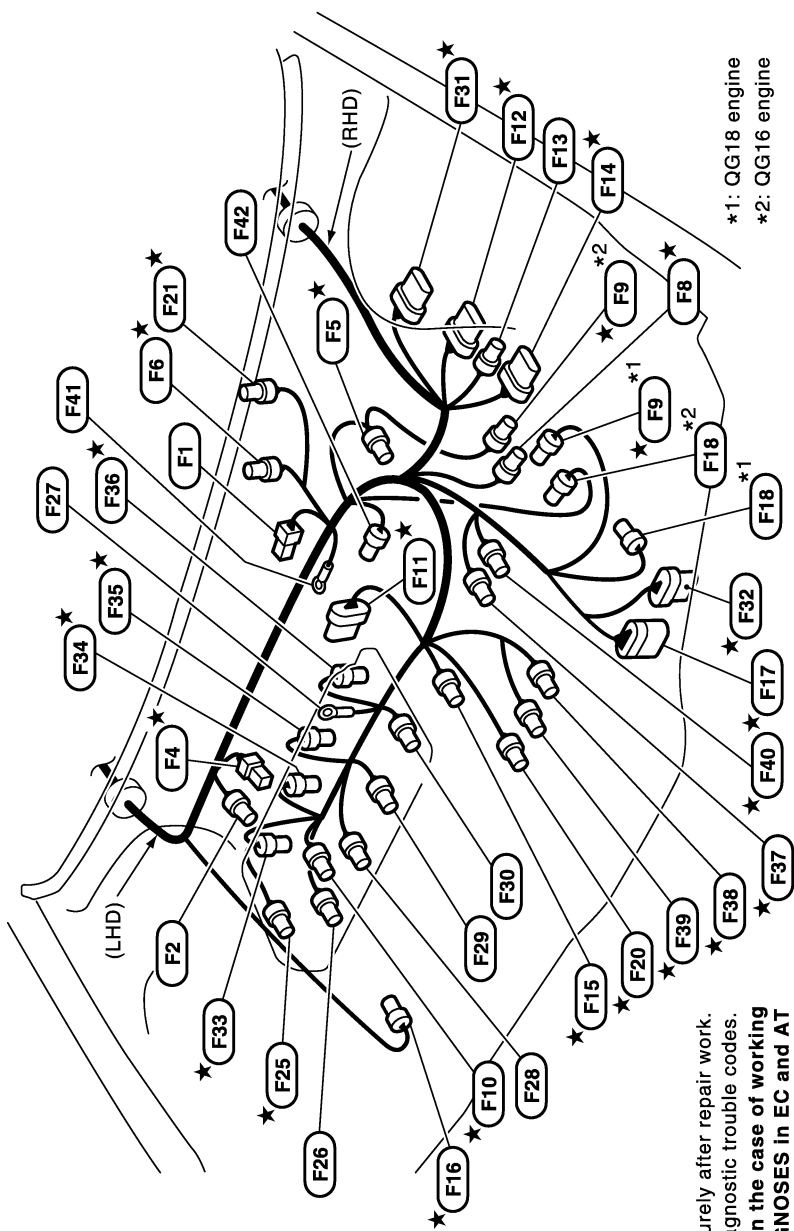
★ (F101)	-/81	: ECM
★ (F102)	-/40	: ECM
★ (F103)	W/24	: TCM (Transmission control module) (With CVT)
★ (F104)	GY/24	: TCM (Transmission control module) (With CVT)
(F105)	-	: Body ground
(F106)	W/2	: To (M78)
★ (F107)	BR/6	: ECM relay
★ (F108)	W/16	: To (M79)
(F109)	W/24	: To (M77)
(F115)	-	: Body ground

Engine sub-harness

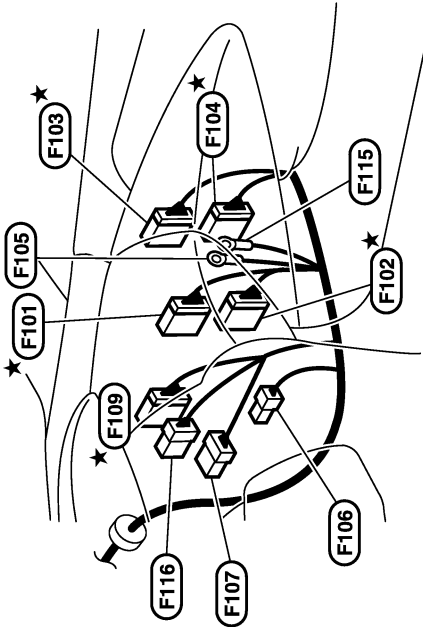
★ (F81)	B/6	: To (F24)
★ (F82)	GY/2	: Injector No. 1
★ (F83)	GY/2	: Injector No. 2
★ (F84)	GY/2	: Injector No. 3
★ (F85)	GY/2	: Injector No. 4

★ : 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.

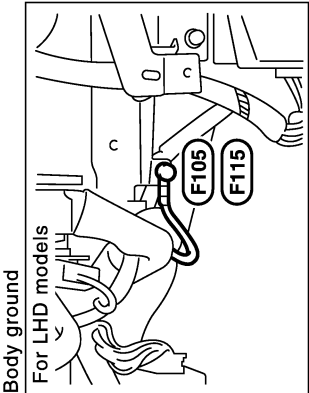
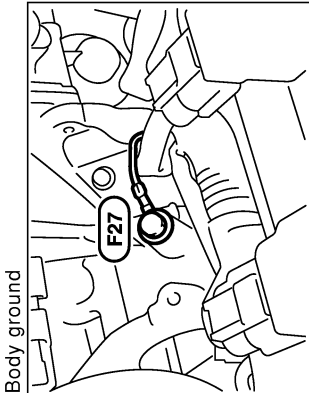
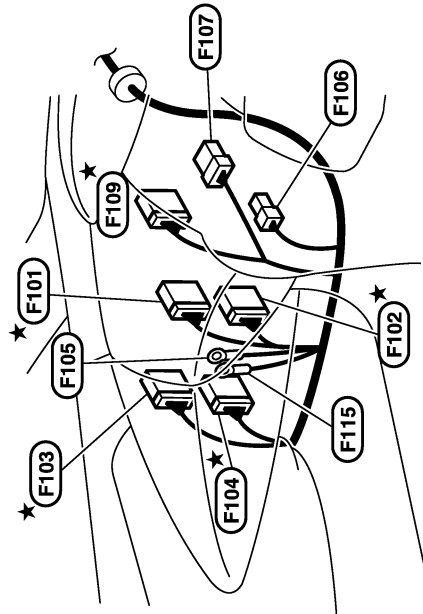
ENGINE CONTROL HARNESS/QG ENGINE



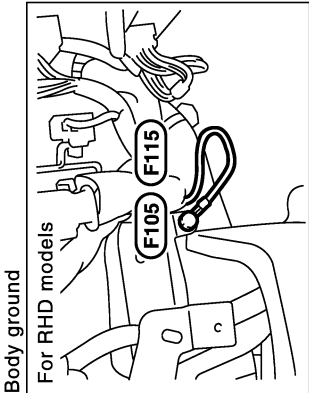
LHD models



RHD models



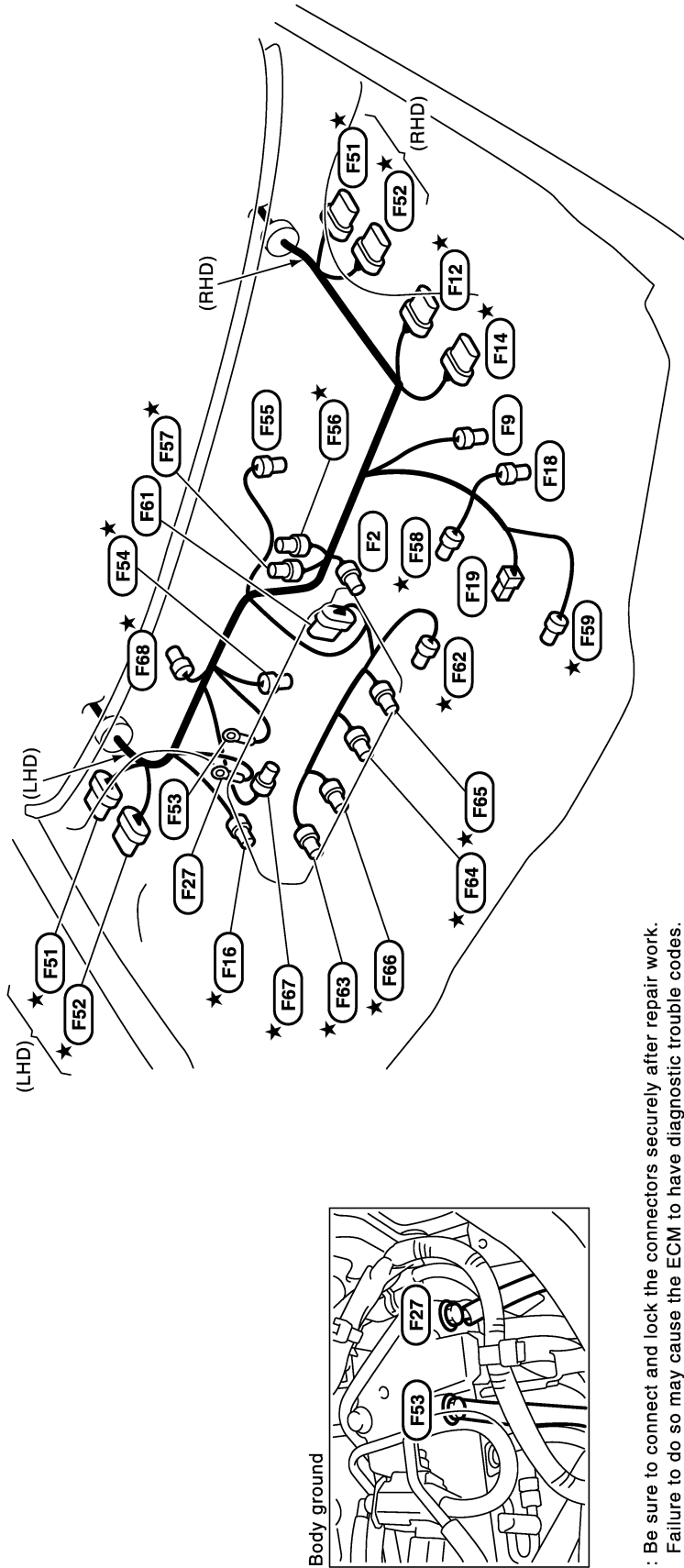
★ : Be sure to connect and lock the connectors securely after repair work.
Failure to do so may cause the ECM to have diagnostic trouble codes.
Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC and AT sections.



(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	(F115)	–	: Body ground
★(F12)	GY/9	: To (E62)	(F116)	W/8	: To (M129) (LHD models)
★(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.

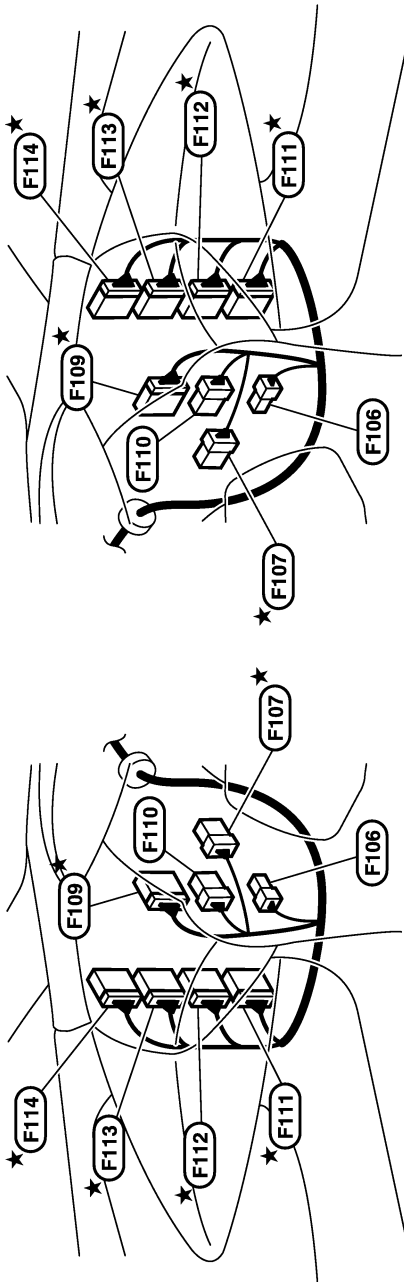
ENGINE CONTROL HARNESS/YD ENGINE



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

LHD models

RHD models

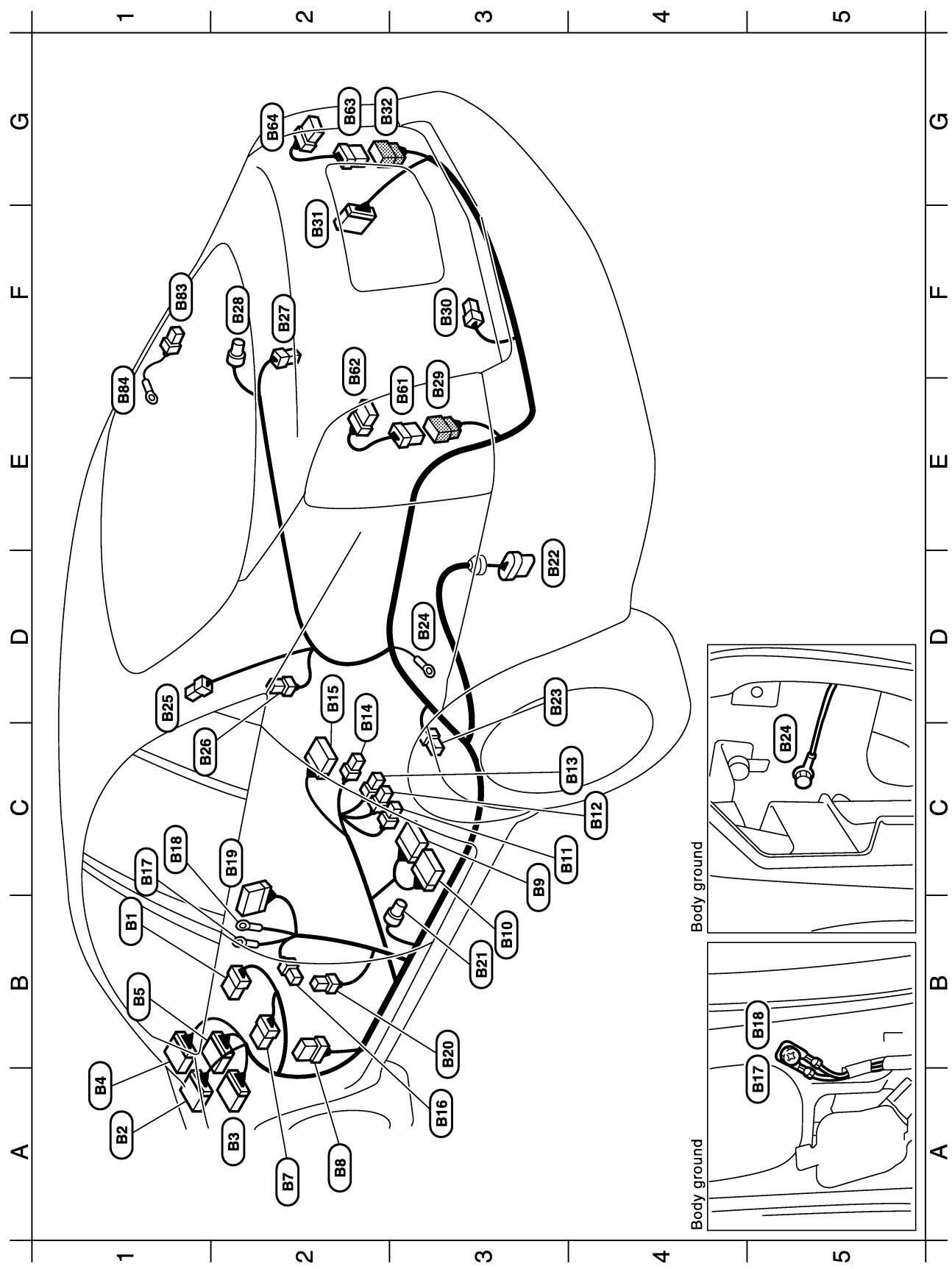


★	(F9)	B/2	: Park/neutral position switch
★	(F12)	GY/9	: To (E62)
★	(F14)	GY/5	: Mass air flow sensor
★	(F16)	GY/2	: Engine coolant temperature sensor
	(F18)	B/2	: Back-up lamp switch
	(F19)	B/1	: Starter motor
	(F27)	—	: Engine ground
★	(F51)	—/5	: EDU (Electronic drive unit)
★	(F52)	—/8	: EDU (Electronic 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

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HARNESS

BODY HARNESS/SEDAN LHD MODELS



MKWA0737E

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

Rear window defogger harness		
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)	B/5 : 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 : Rear window defogger
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)

HARNESS

BODY HARNESS/SEDAN RHD MODELS



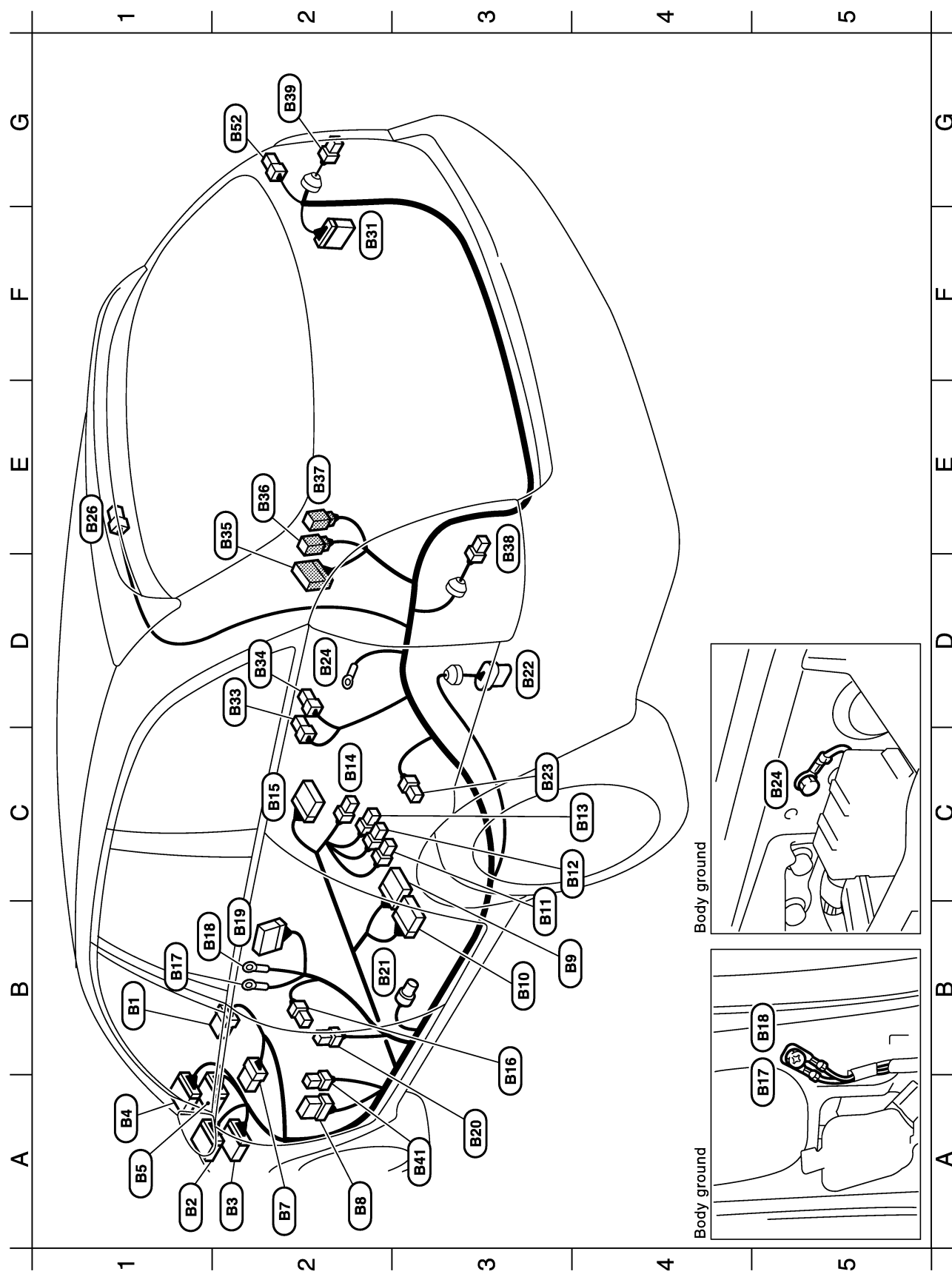
MKWA0739E

Sub-harness		
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		
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)	B/5 : 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 : Rear window defogger
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
C2	(B50)	GY/8 : To (T1) (With rear view monitor)
C2	(B51)	W/4 : To (T2) (Without rear view monitor)

HARNESS

BODY HARNESS/WAGN LHD MODELS



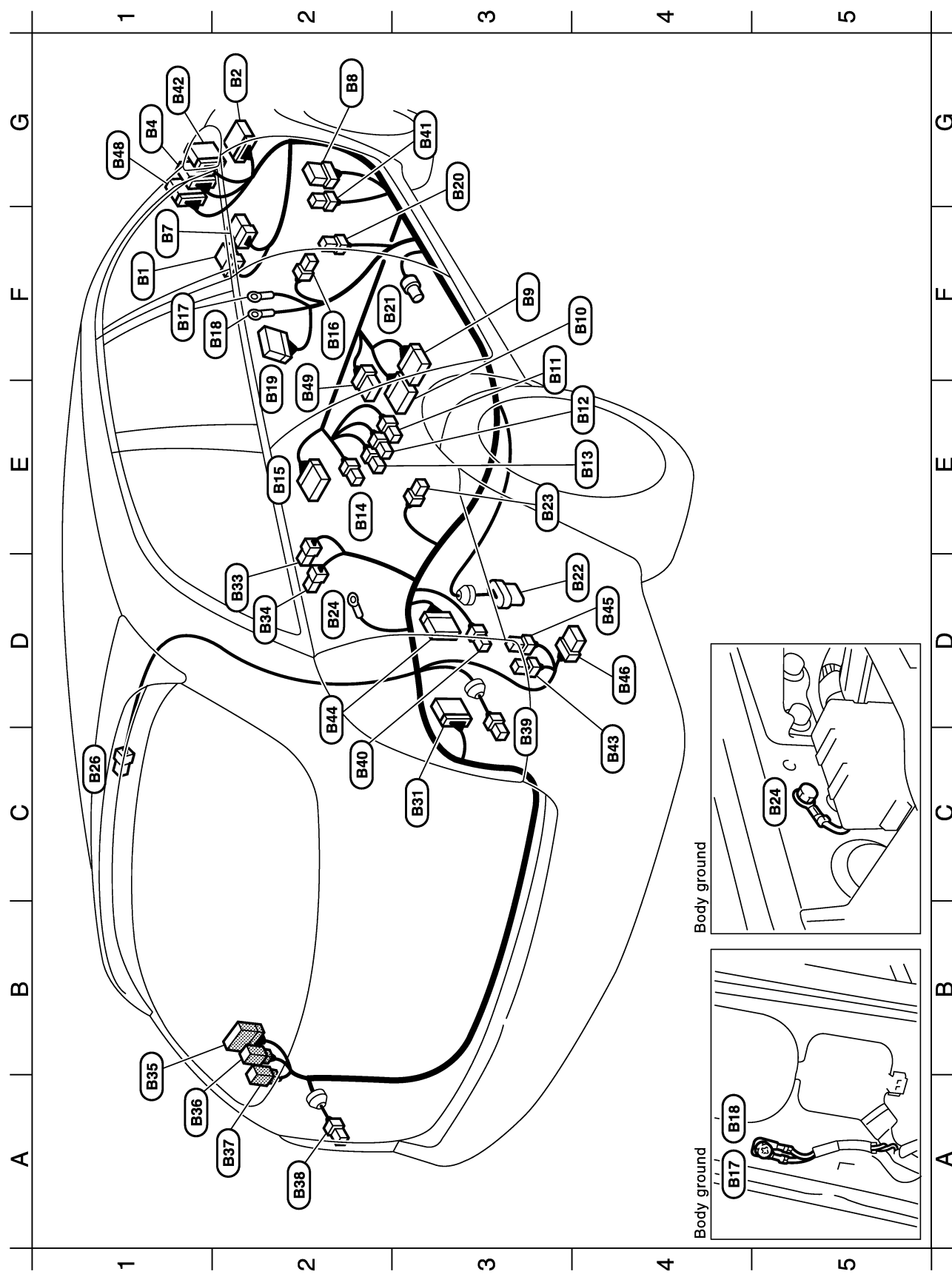
MKWA0741E

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)	B/5	: 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
G2	(B52)	W/3	: To (B136) (With rear view monitor)

MKWA0742E

HARNESS

BODY HARNESS/WAGON RHD MODELS



MKWA0743E

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)	B/5	:	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

MKWA0744E

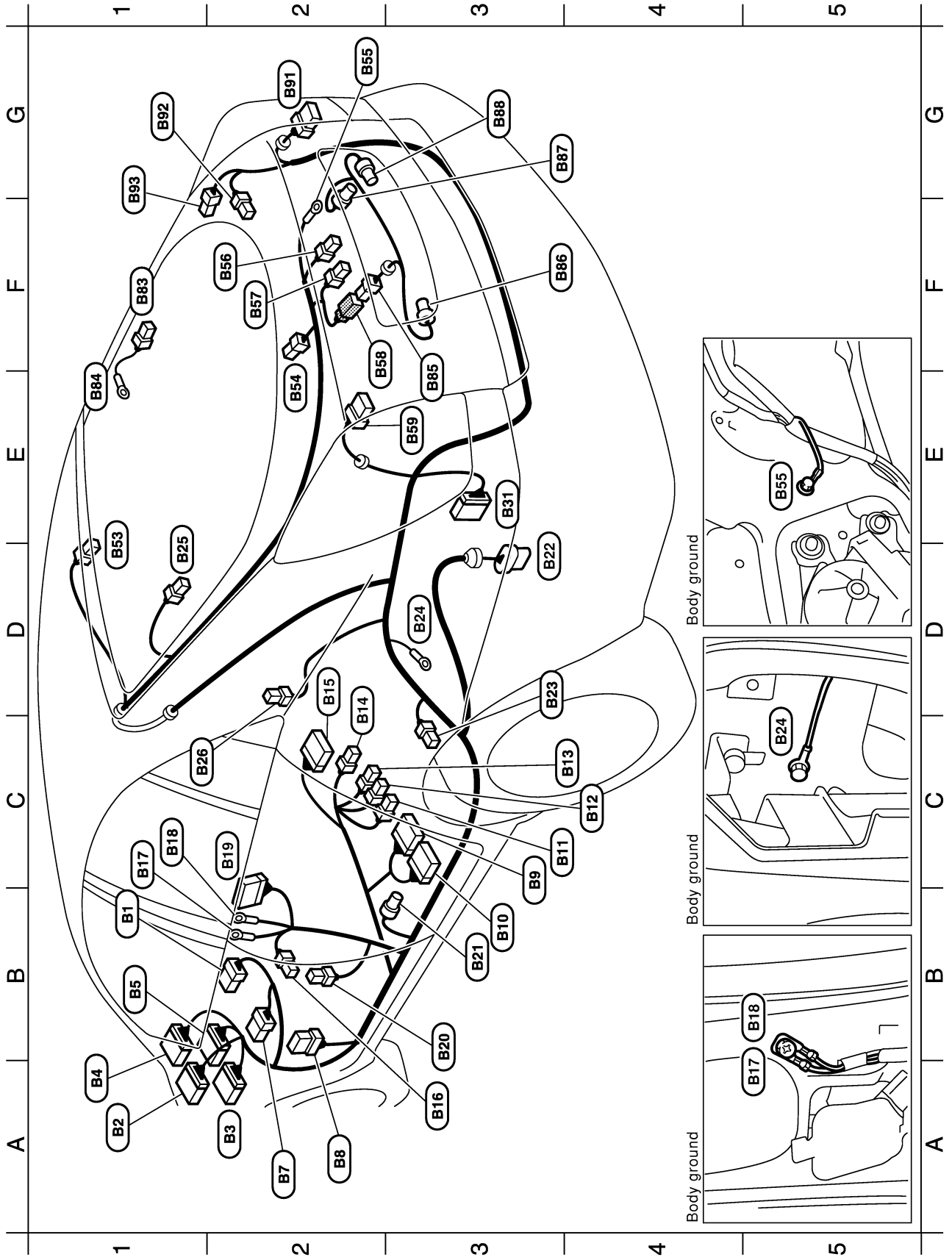
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J

PG

L
M

HARNESS

BODY HARNESS/HATCHBACK LHD MODELS



MKWA0745E

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)	B/5	: 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	: Rear window defogger
C1	(B26)	Y/2	: LH side curtain air bag module
E3	(B31)	W/16	: CD auto-changer
E1	(B53)	W/3	: High-mounted stop lamp
E2	(B54)	-/3	: Rear wiper motor
G2	(B55)	-	: Body ground
F2	(B56)	W/4	: Rear view camera (With rear view monitor)
F2	(B57)	-/4	: Back door release actuator
E2	(B58)	W/3	: To (B85)
F3	(B59)	-/6	: Rear combination lamp LH
G2	(B91)	-/6	: Rear combination lamp RH
G1	(B92)	W/2	: Luggage room lamp
G1	(B93)	W/3	: To (B141) (With rear view monitor)

MKWA0746E

Rear window defogger harness

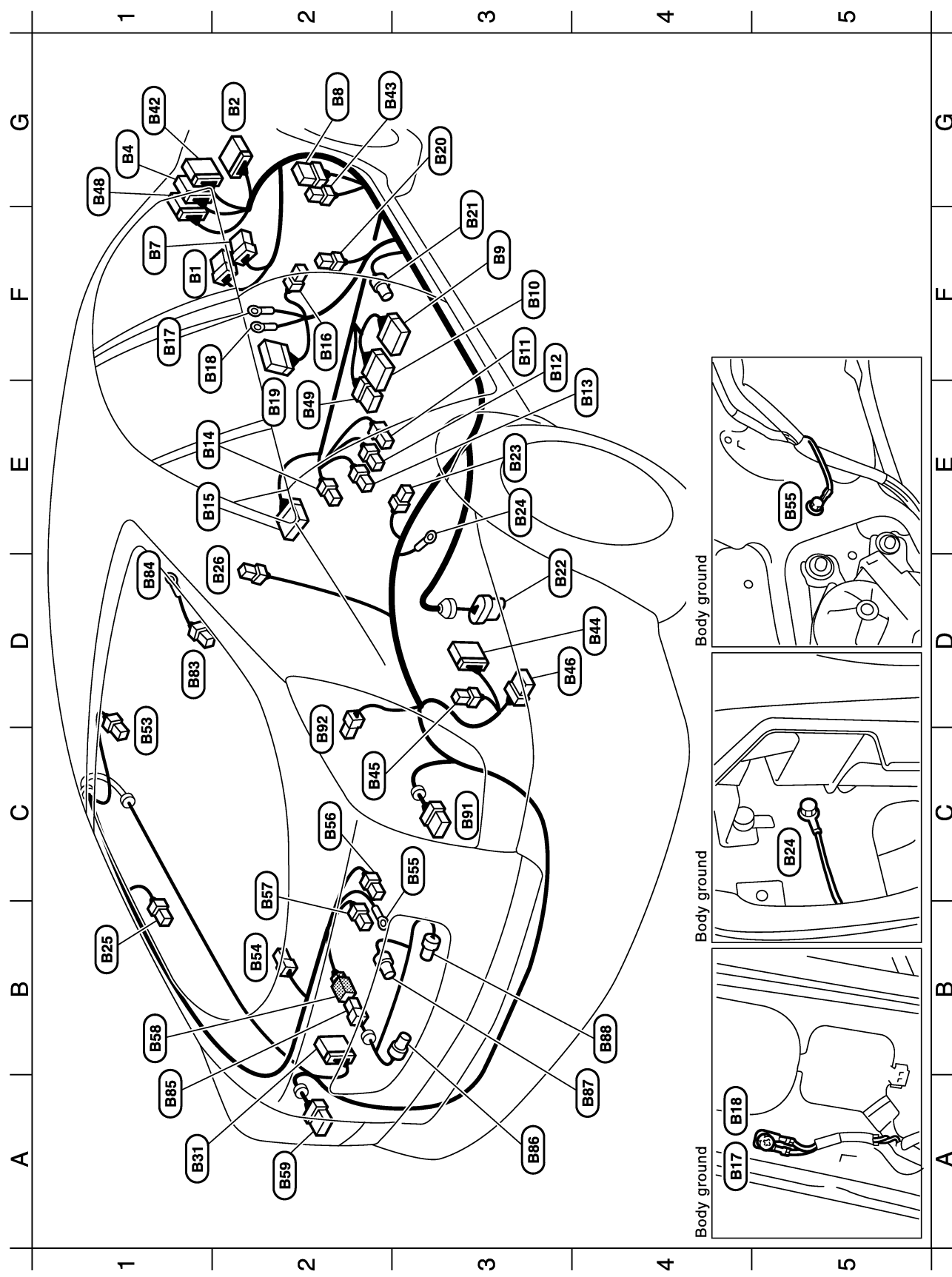
F1 (B83) B/1 : Rear window defogger
E1 (B84) - : Body ground

License sub-harness

E3 (B85) W/3 : To (B58)
F3 (B86) -/2 : License plate lamp LH
F3 (B87) GY/2 : External back door release switch
G3 (B88) -/2 : License plate lamp RH

HARNESS

BODY HARNESS/HATCHBACK RHD MODELS



MKWA0747E

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)	B/5	:	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
B1	(B25)	B/1	:	Rear window defogger
D2	(B26)	Y/2	:	RH side curtain air bag module
C4	(B31)	W/16	:	CD auto-changer
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
D1	(B53)	W/3	:	High-mounted stop lamp
B2	(B54)	-/3	:	Rear wiper motor
C3	(B55)	-	:	Body ground
C2	(B56)	W/4	:	Rear view camera (With rear view monitor)
C2	(B57)	-/4	:	Back door release actuator
B1	(B58)	W/3	:	To (B85)
A2	(B59)	-/6	:	Rear combination lamp LH
C3	(B91)	-/6	:	Rear combination lamp RH
C2	(B92)	W/2	:	Luggage room lamp
Rear window defogger harness				
D1	(B83)	B/1	:	Rear window defogger
D1	(B84)	-	:	Body ground
License sub-harness				
B1	(B85)	W/3	:	To (B58)
B3	(B86)	-/2	:	License plate lamp LH
B4	(B87)	GY/2	:	External back door release switch
B4	(B88)	-/2	:	License plate lamp RH

MKWA0748E

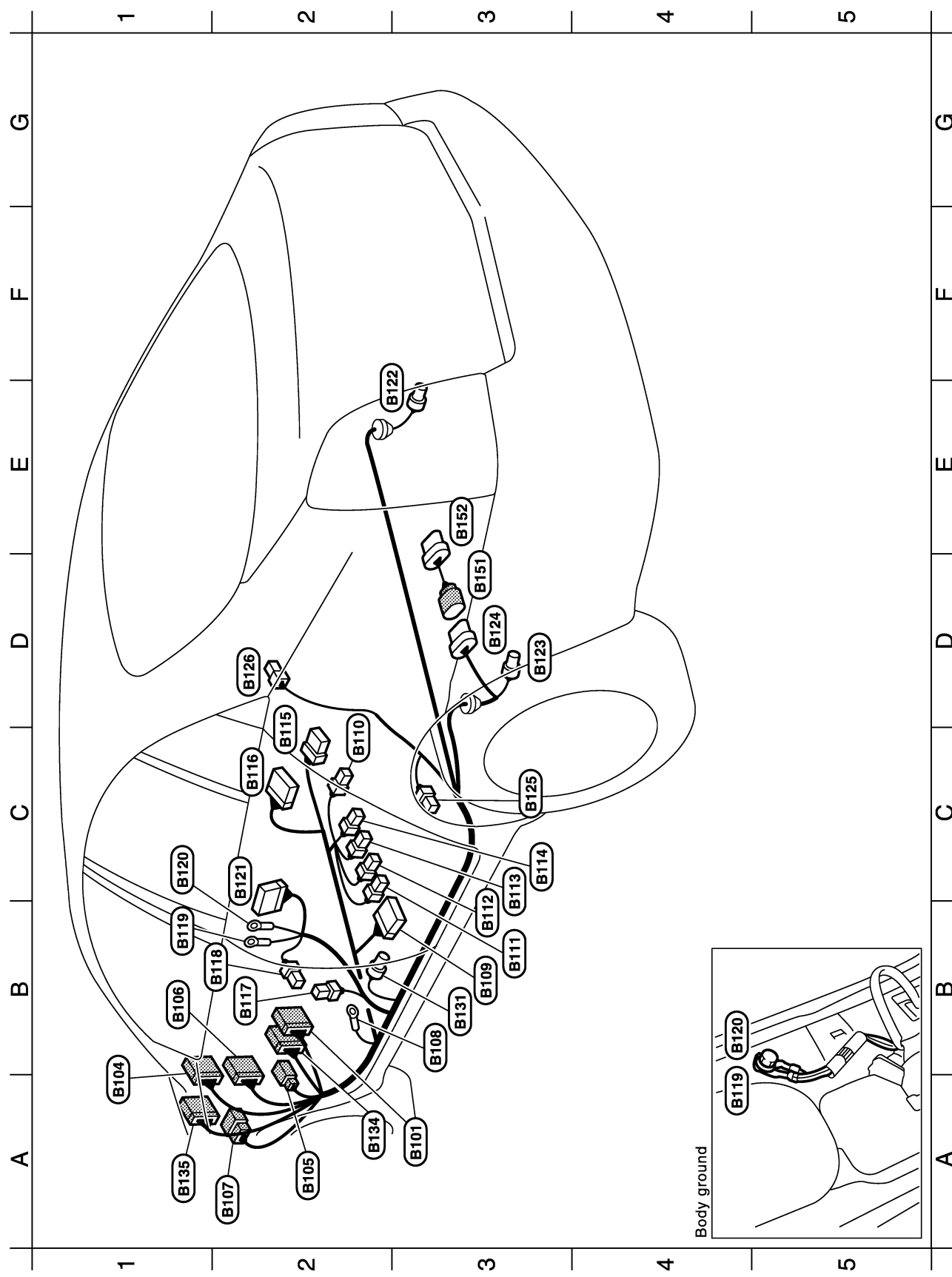
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Sub-harness			C3 (B151)	GY/6	: To (B124)
			D3 (B152)	-/8	: Height sensor
G3 (B101)	W/24	: To (M87)			
G1 (B102)	W/16	: To (M89)			
F1 (B103)	W/12	: To (M90) (With ESP)			
G1 (B104)	W/16	: To (E117) (With ESP)			
G1 (B105)	W/2	: To (E118) (With ESP)			
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

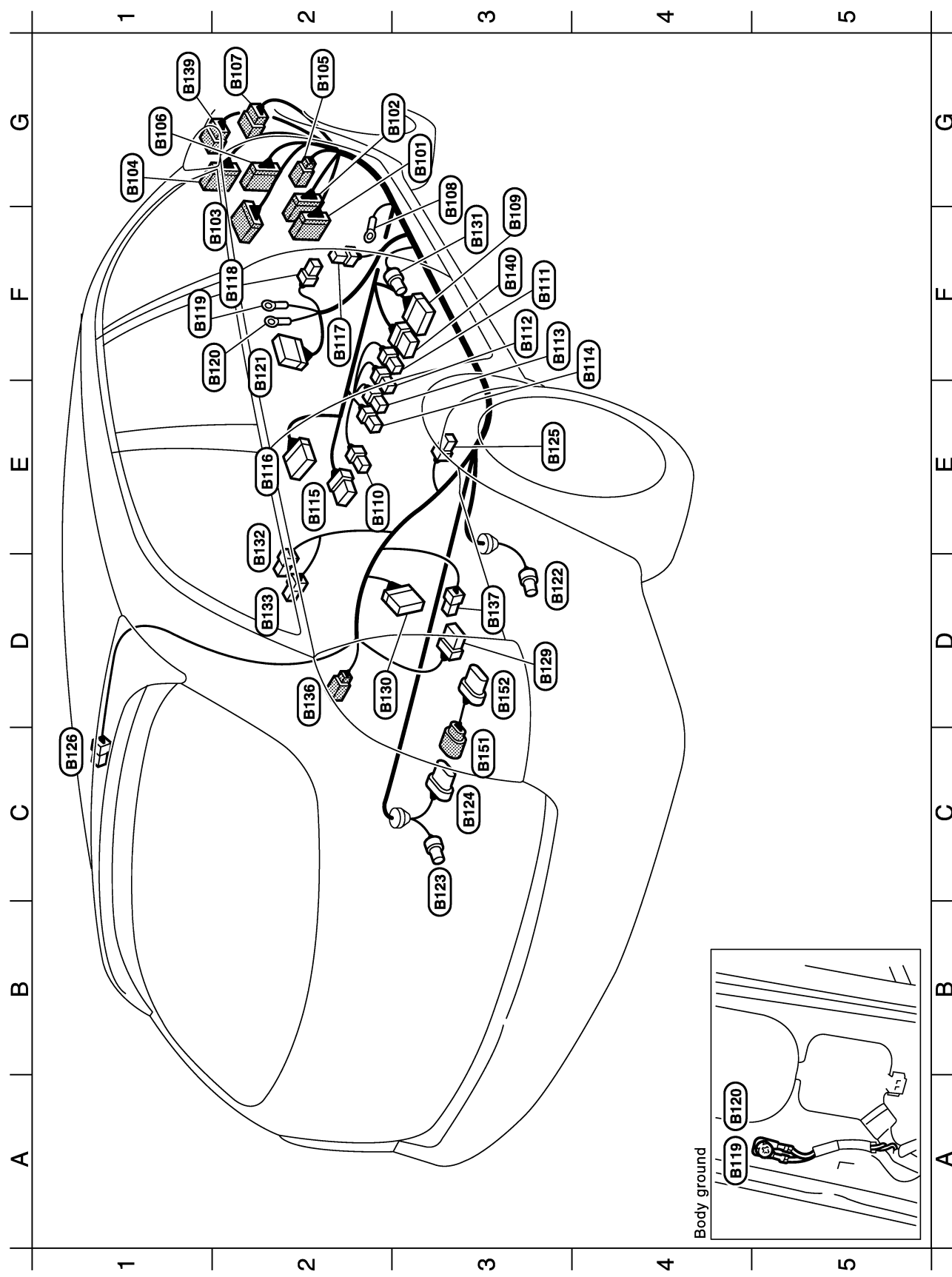


MKWA0749E

Sub-harness			D3 (B151) GY/6 : To (B124)
			E3 (B152) -/8 : Height sensor
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)	
B3 (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	
C3 (B113)	W/3	: Heated seat LH	
C3 (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	
C1 (B120)	-	: Body ground	
C2 (B121)	W/12	: To (D51)	
E3 (B122)	GY/2	: Rear wheel sensor RH	
D3 (B123)	L/2	: Rear wheel sensor LH	
D3 (B124)	GY/6	: To (B151)	
C3 (B125)	W/1	: Rear door switch LH	
D2 (B126)	Y/2	: LH side curtain air bag module	
B3 (B131)	Y/2	: LH side air bag (Satellite) sensor	
A2 (B134)	W/12	: To (M91) (With ESP)	
A1 (B135)	W/10	: To (M92) (Without ESP)	

HARNESS

BODY NO.2 HARNESS/WAGON LHD MODELS

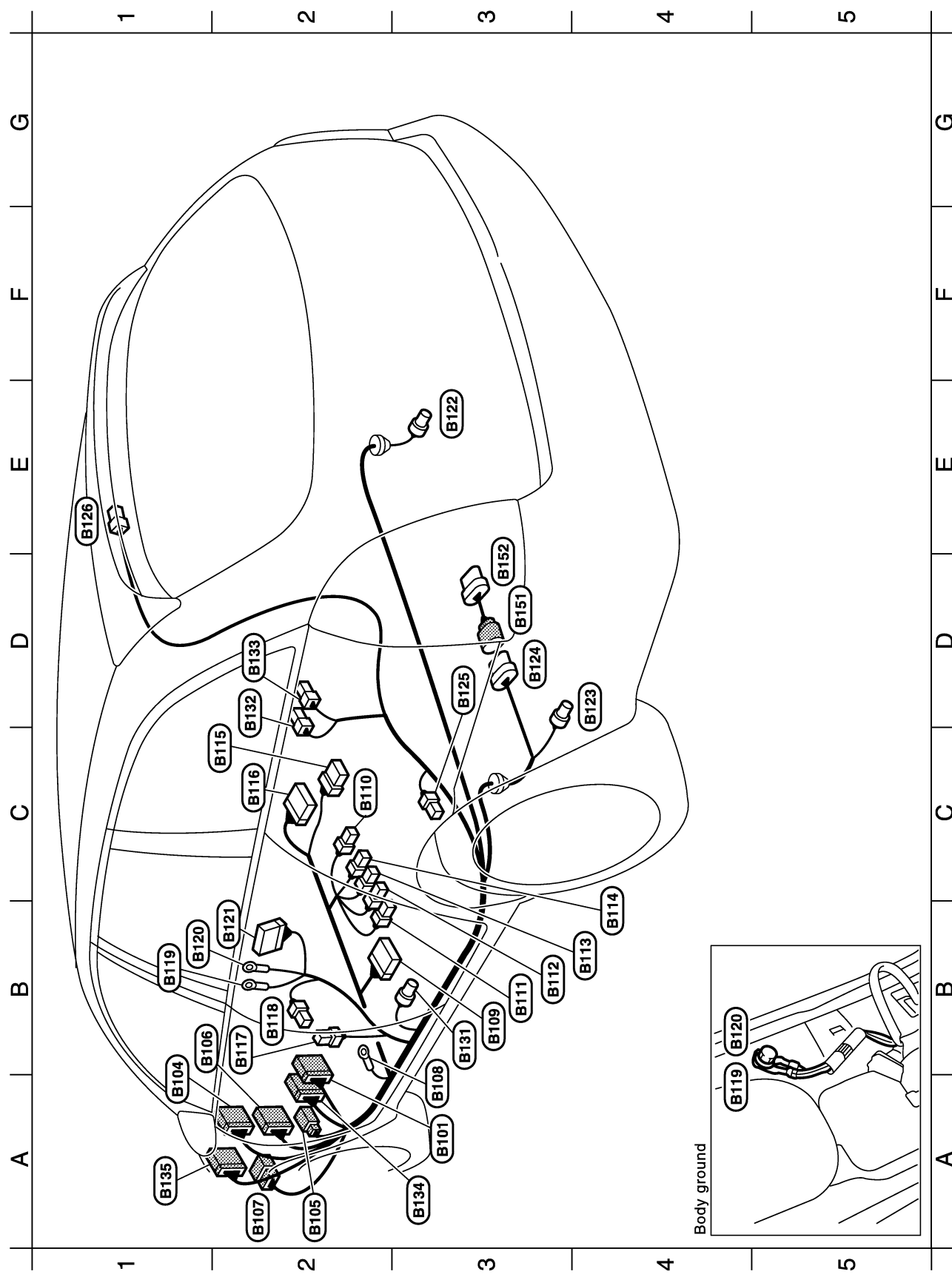


MKWA0751E

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			

HARNESS

BODY NO.2 HARNESS/WAGON RHD MODELS



MKWA0752E

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

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

HARNESS

BODY NO.2 HARNESS/HATCHBACK LHD MODELS

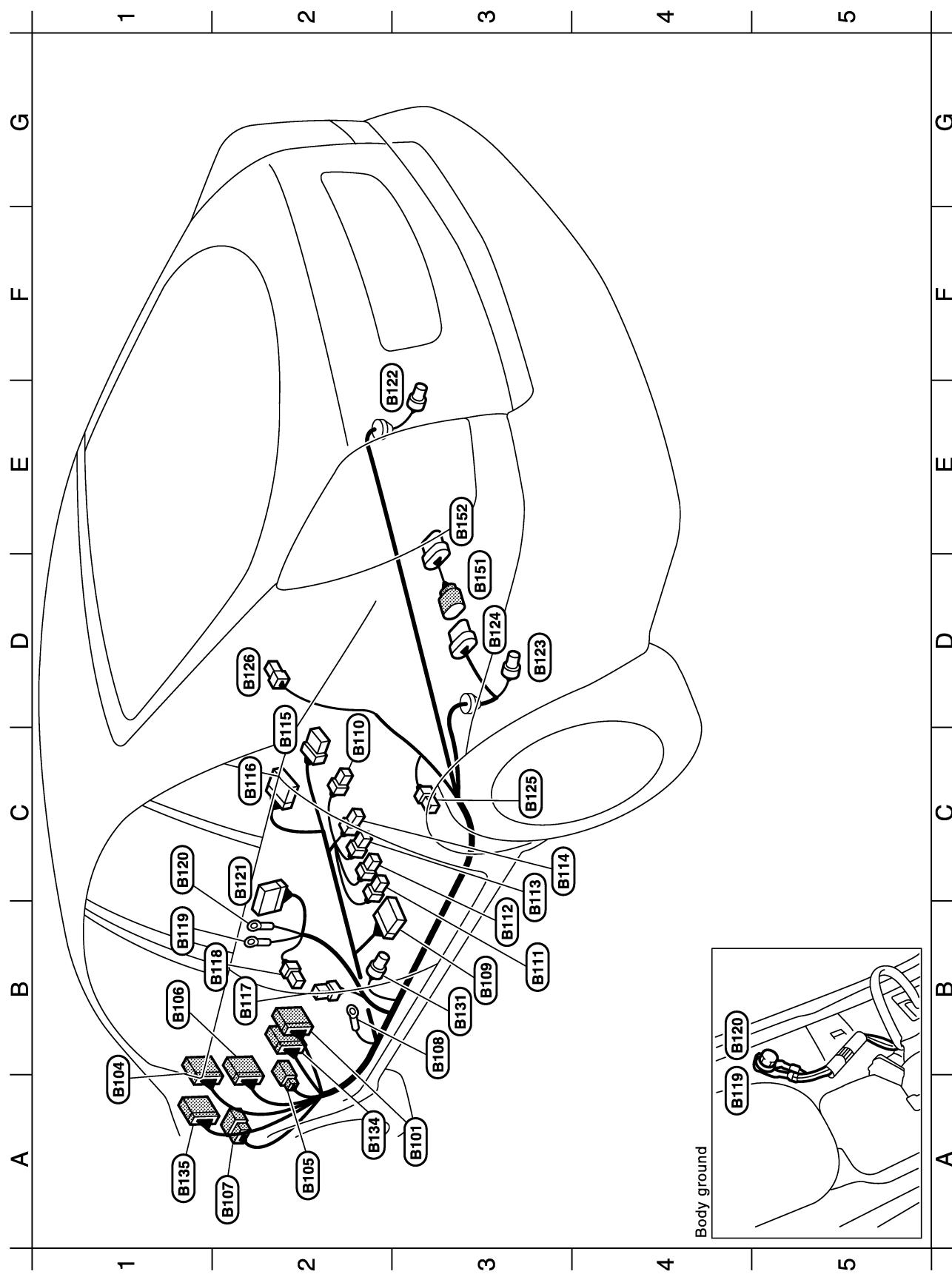


MKWA0754E

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			
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			
D2 (B141)	W/3	: To (B93) (With rear view monitor)			

HARNESS

BODY NO.2 HARNESS/HATCHBACK RHD MODELS



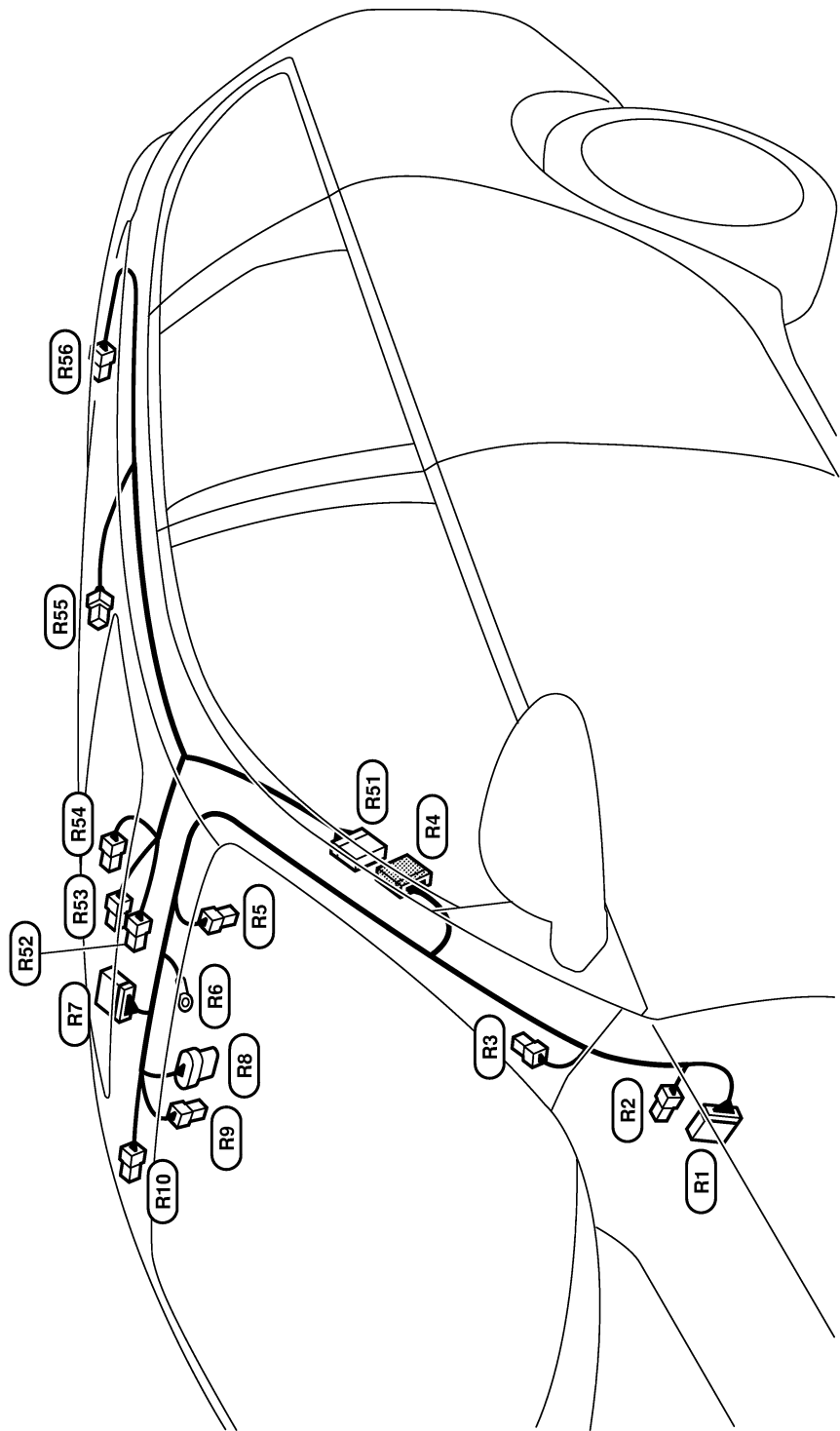
MKWA0756E

Sub-harness			D3 (B151) GY/6 : To (B124)
			E3 (B152) -/8 : Height sensor
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)	
B3 (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	
C3 (B113)	W/3	: Heated seat LH	
C3 (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	
C1 (B120)	-	: Body ground	
C2 (B121)	W/12	: To (D51)	
E3 (B122)	GY/2	: Rear wheel sensor RH	
D3 (B123)	L/2	: Rear wheel sensor LH	
D3 (B124)	GY/6	: To (B151)	
C3 (B125)	W/1	: Rear door switch LH	
D2 (B126)	Y/2	: LH side curtain air bag module	
B3 (B131)	Y/2	: LH side air bag (Satellite) sensor	
A2 (B134)	W/12	: To (M91) (With ESP)	
A1 (B135)	W/10	: To (M92) (Without ESP)	

HARNESS

ROOM LAMP HARNESS

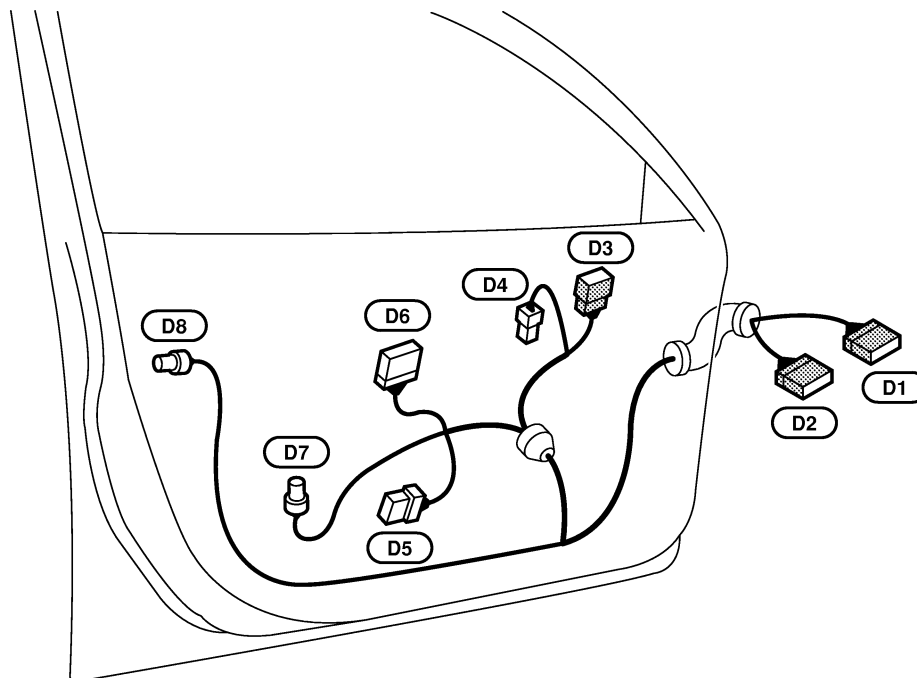
Sub-harness		
R1	W/12	: To M18
R2	W/3	: To M19
R3	BR/2	: Tweeter LH
R4	W/10	: To R51
R5	B/2	: Vanity mirror LH (RHD models)
R6	-	: Body ground
R7	-/12	: Sunroof motor
R8	-/6	: Auto anti-dazzling inside mirror
R9	-/4	: Rain sensor
R10	B/2	: Vanity mirror RH (LHD models)
R51	W/10	: To R4
R52	W/4	: Ultrasonic sensor
R53	-	: Spot lamp
R54	W/3	: Sun roof switch
R55	-	: Interior room lamp
R56	-	: Luggage room lamp (Wagon)



HARNESS

FRONT DOOR HARNESS LH SIDE/LHD MODELS

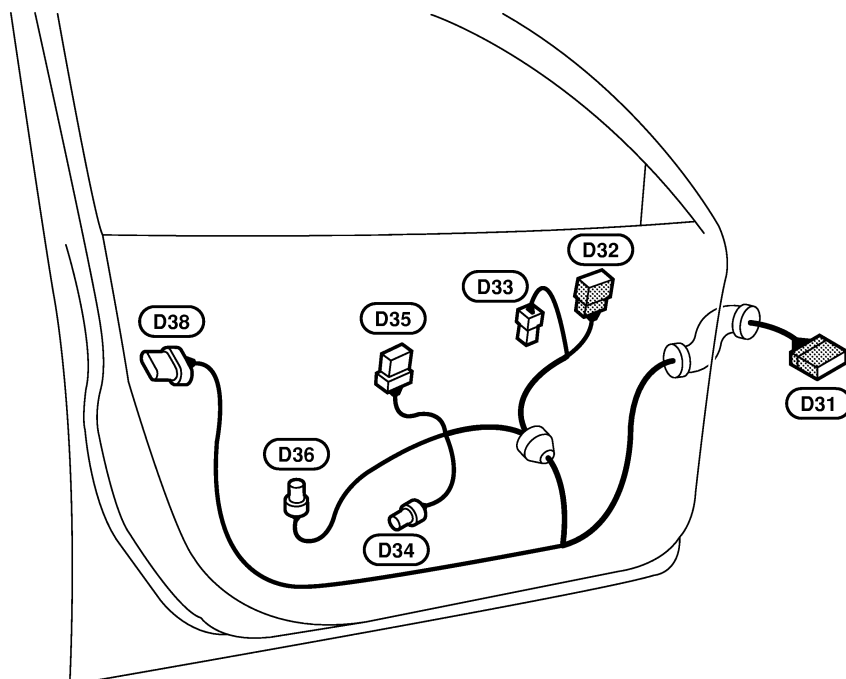
(D1) W/12 : To (M14)	(D5) -/6 : Front power window regulator and control unit
(D2) W/16 : To (M15)	(D6) W/16 : Power window main switch
(D3) GY/8 : Door mirror actuator LH	(D7) -/2 : Door step lamp LH
(D4) W/2 : Front door speaker LH	(D8) -/4 : Door lock actuator LH



MKWA0339E

FRONT DOOR HARNESS LH SIDE/RHD MODELS

(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	

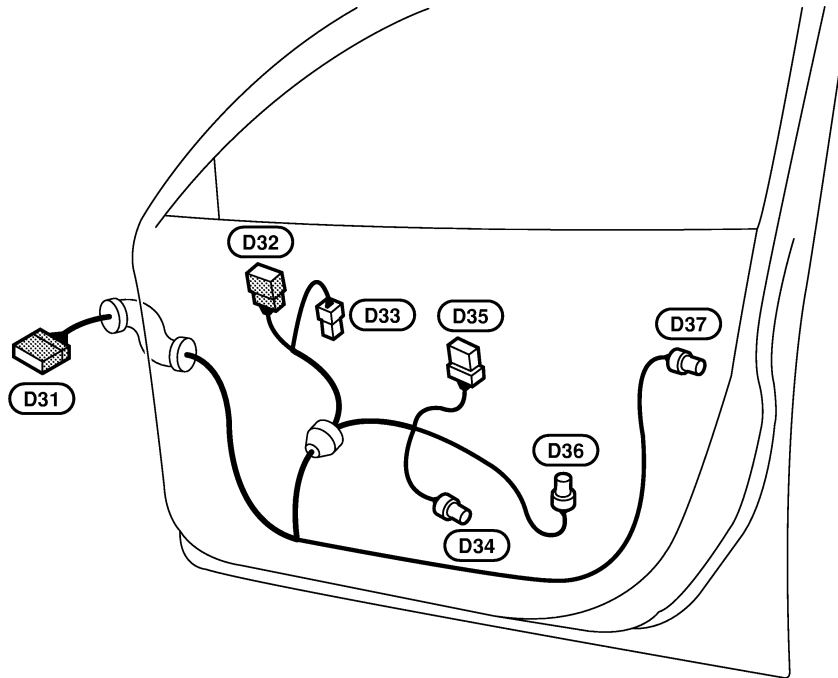


MKWA0340E

HARNESS

FRONT DOOR HARNESS RH SIDE/LHD MODELS

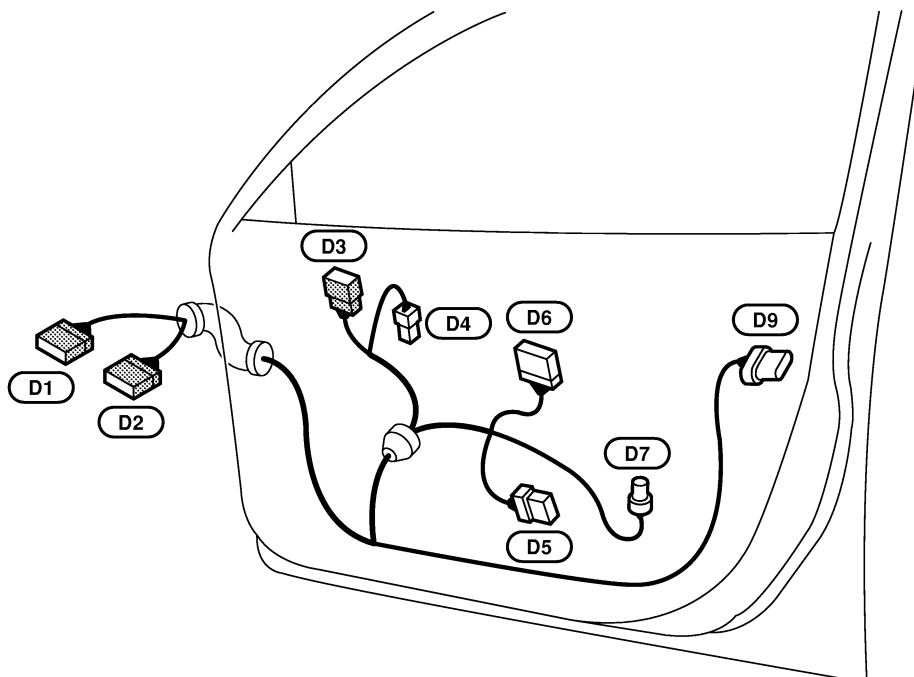
(D31) W/16	: To (M86)	(D35) W/8	: Front power window switch RH
(D32) GY/8	: Door mirror actuator RH	(D36) -/2	: Door step lamp RH
(D33) W/2	: Front door speaker RH	(D37) -/4	: Door lock actuator RH
(D34) -/2	: Front power window regulator RH		



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

HARNESS

REAR DOOR HARNESS LH

- D51

W/12

:

To

B19

 (LHD models)
- D52

-/2
- :
- Rear power window regulator LH

D53

W/2

:

Rear door speaker LH

D54

W/8

:

Rear power window switch LH

D55

-/4

:

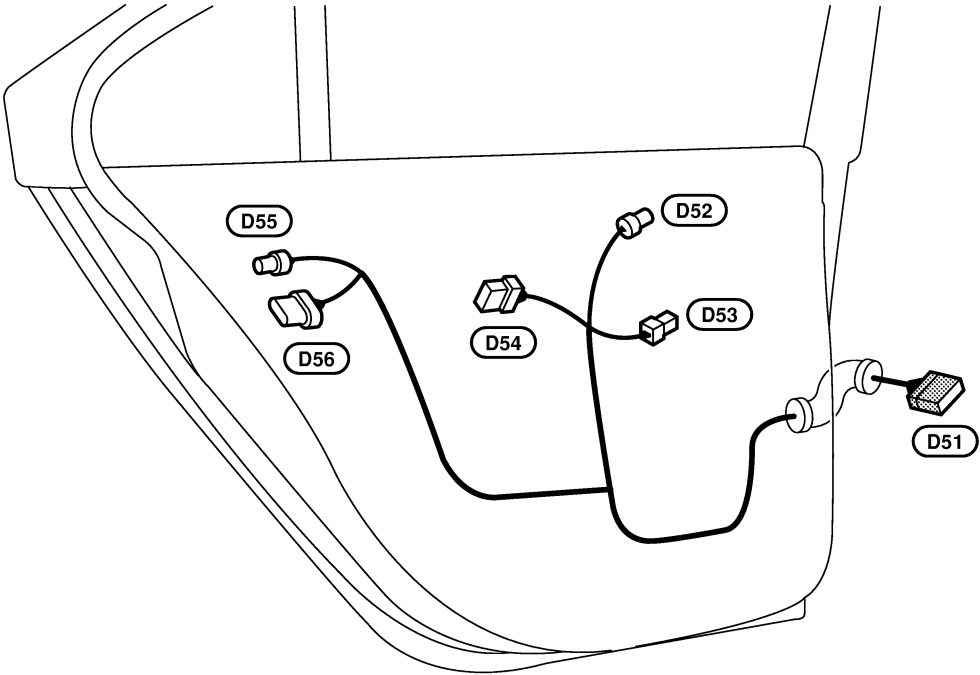
Rear door lock actuato LH (LHD models)

D56

-/6

:

Rear door lock actuato LH (RHD models)



MKWA0343E

REAR DOOR HARNESS RH

- D61

W/12

:

To

B121

 (LHD models)
- D62

-/2
- :
- Rear power window regulator RH

D63

W/2

:

Rear door speaker RH

D64

W/8

:

Rear power window switch RH

D65

-/4

:

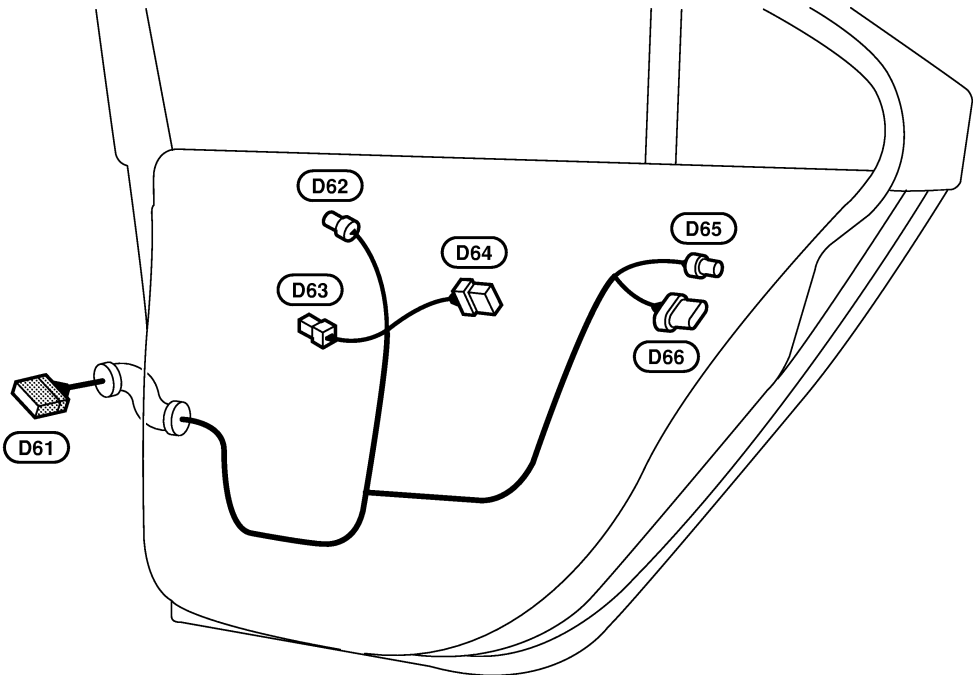
Rear door lock actuator RH (LHD models)

D66

-/6

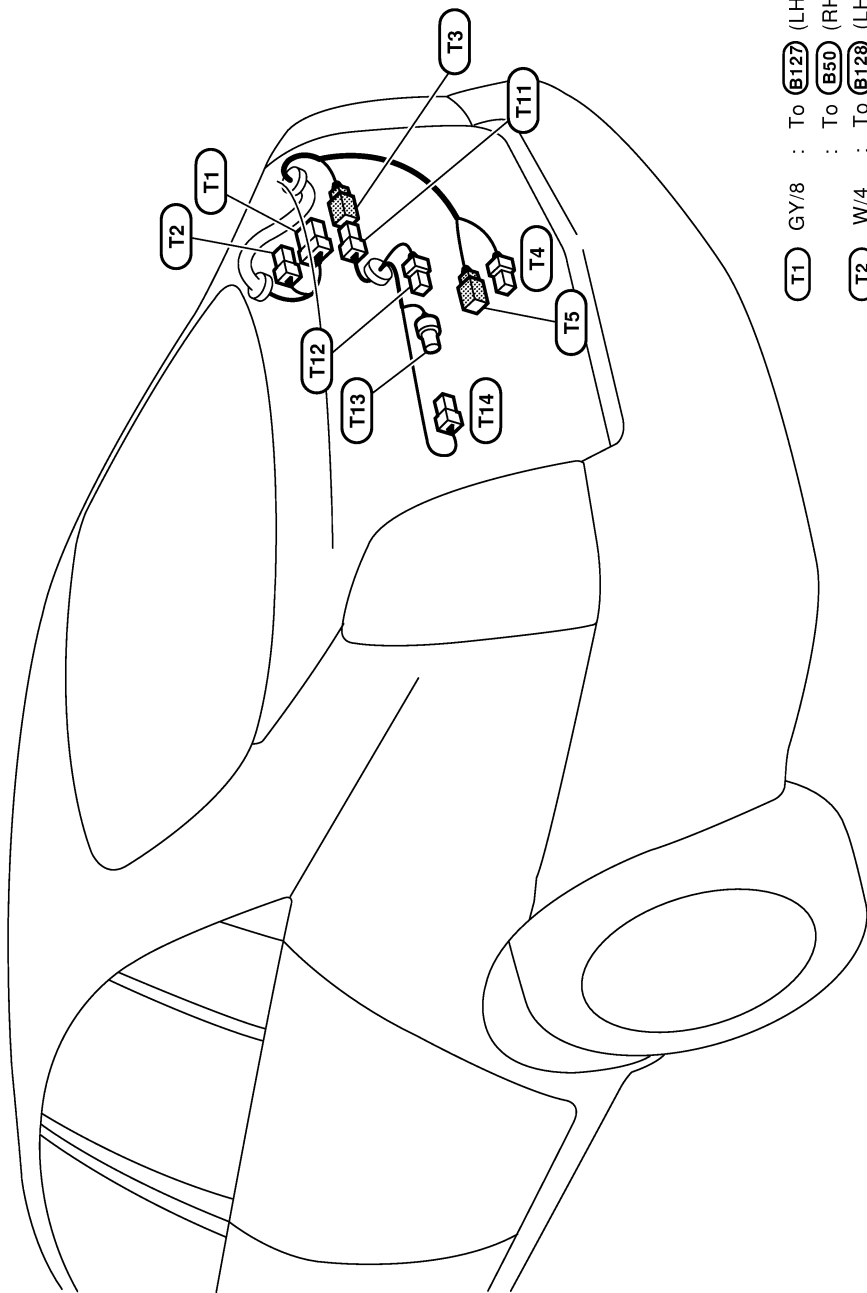
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Rear door lock actuator RH (RHD models)



MKWA0344E

TAIL HARNESS
SEDAN MODELS



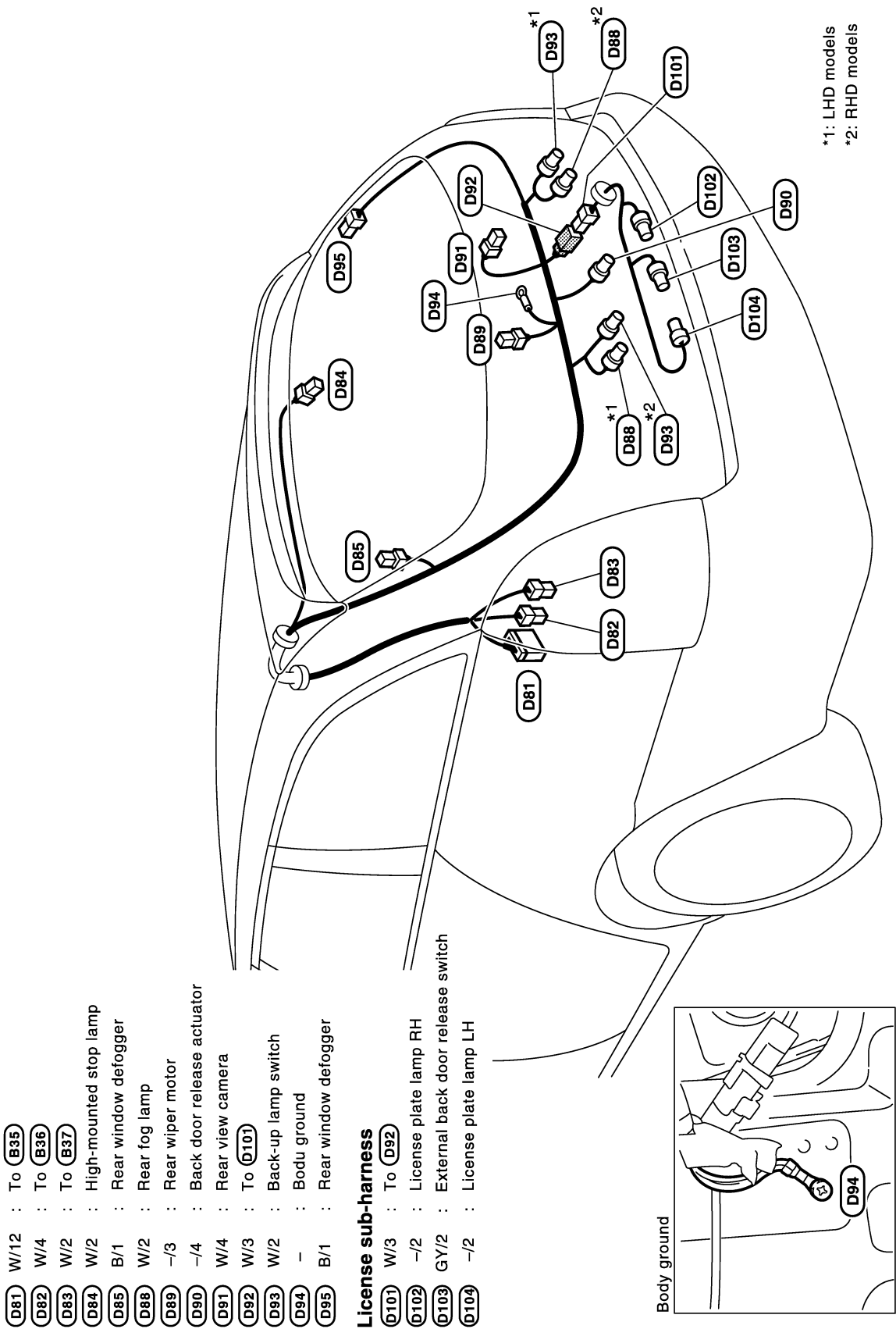
- | | | | | |
|----|------|---|---|--|
| T1 | GY/8 | : | To B127 | (LHD models with rear view monitor) |
| | | : | To B50 | (RHD models with rear view monitor) |
| T2 | W/4 | : | To B128 | (LHD models without rear view monitor) |
| | | : | To B51 | (RHD models without rear view monitor) |
| T3 | W/4 | : | 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 | |

HARNESS

BACK DOOR HARNESS
WAGON AND HATCHBACK MODELS



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
ASCB/S	EC	ASCD Brake Switch
ASC/SW	EC	ASCD Steering 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)
CLOCK	DI	Clock
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

HARNESS

Code	Section	Wiring Diagram Name
ETC2	EC	Electrical Throttle Control Motor Relay
ETC3	EC	Electrical Throttle Control Motor
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)

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HARNESS

Code	Section	Wiring Diagram Name
NAVI	AV	Navigation System
NONDTC	AT	NON-detective Items
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

HARNESS

Code	Section	Wiring Diagram Name
TPS	CVT	Throttle Position Sensor
TPS1	EC	Electric Throttle Control Actuator (Throttle Position Sensor 1)
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

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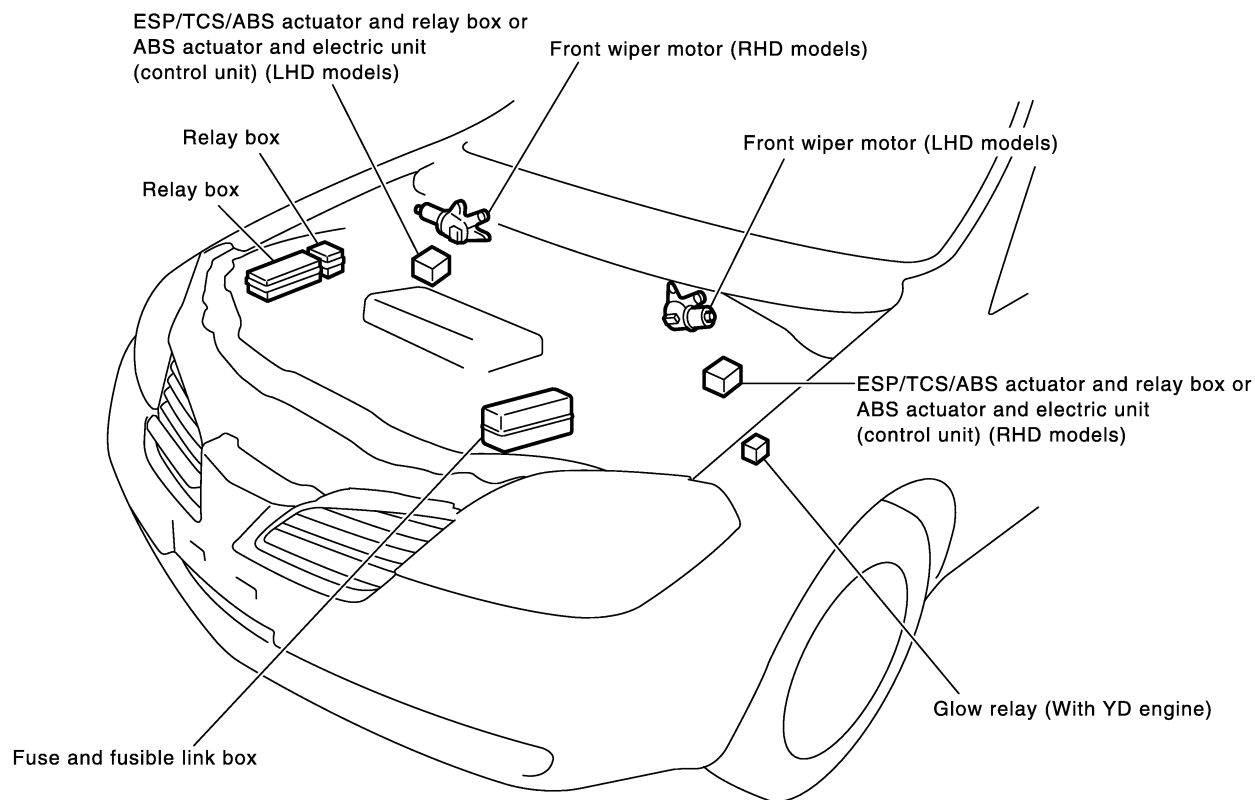
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ELECTRICAL UNITS LOCATION

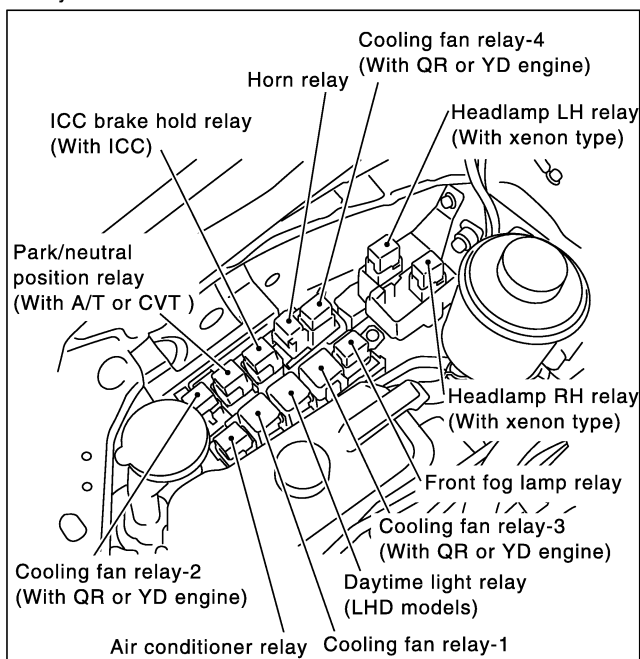
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Electrical Units Location ENGINE COMPARTMENT

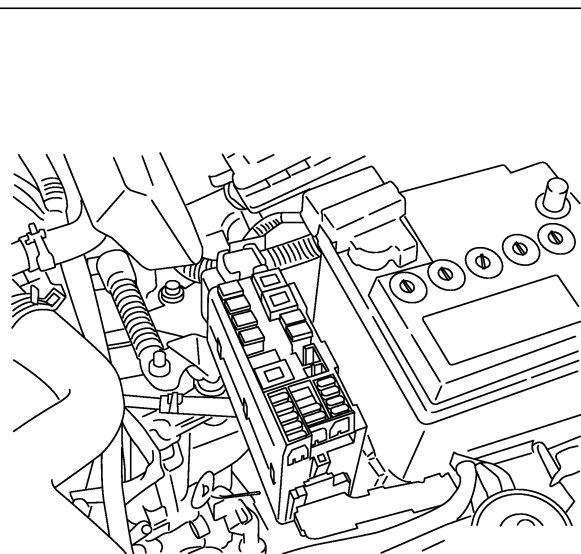
EKS0044H



Relay box

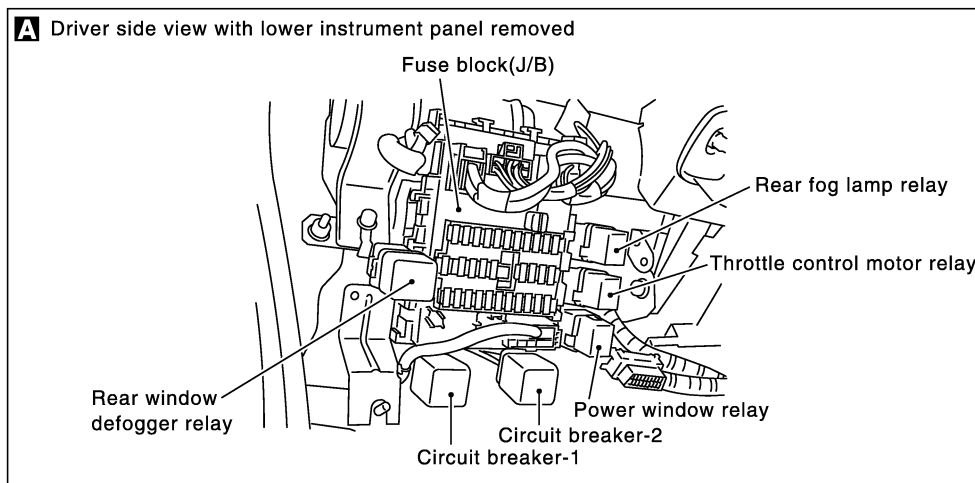
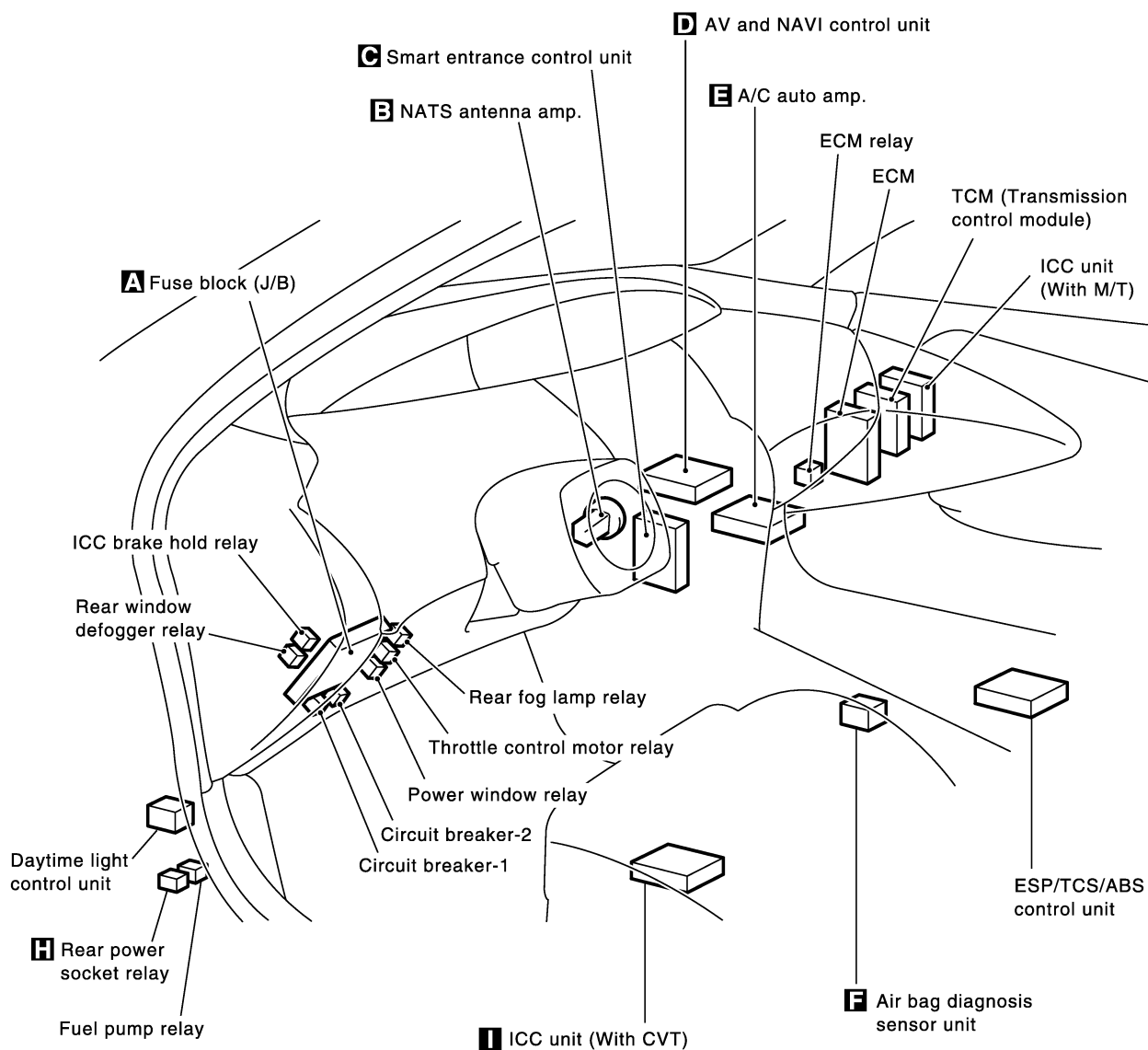


Fuse and fusible link box



ELECTRICAL UNITS LOCATION

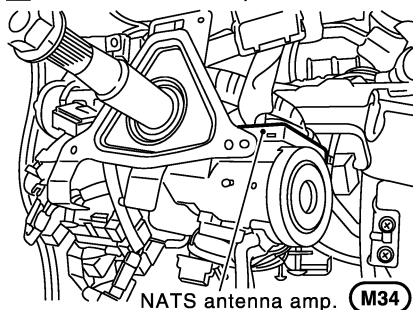
PASSENGER COMPARTMENT/LHD MODELS



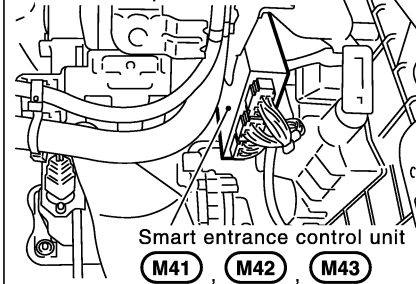
MKWA0762E

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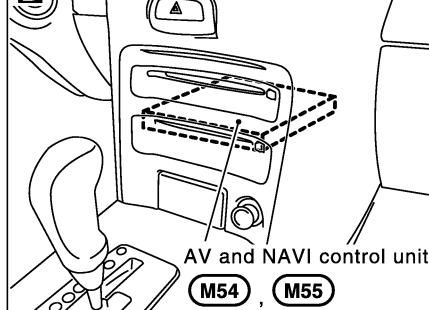
B View with instrument panel removed



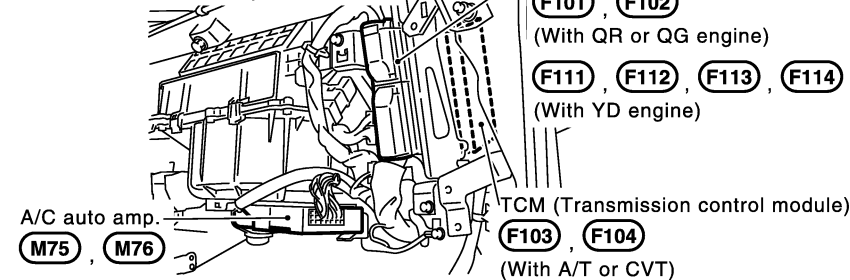
C View with lower instrument panel removed



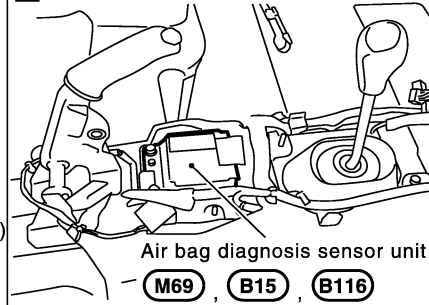
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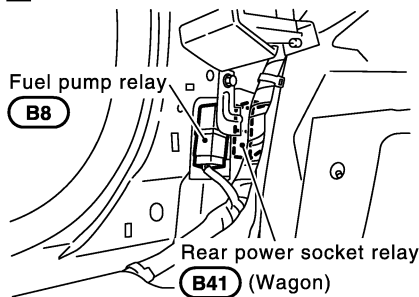
E Passenger side view with lower instrument panel removed



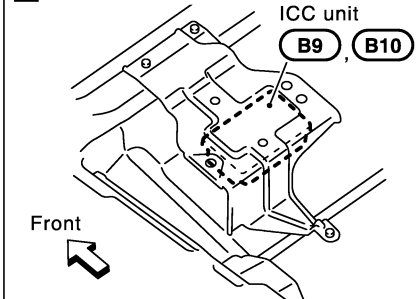
F View with console box removed



H Dash side LH

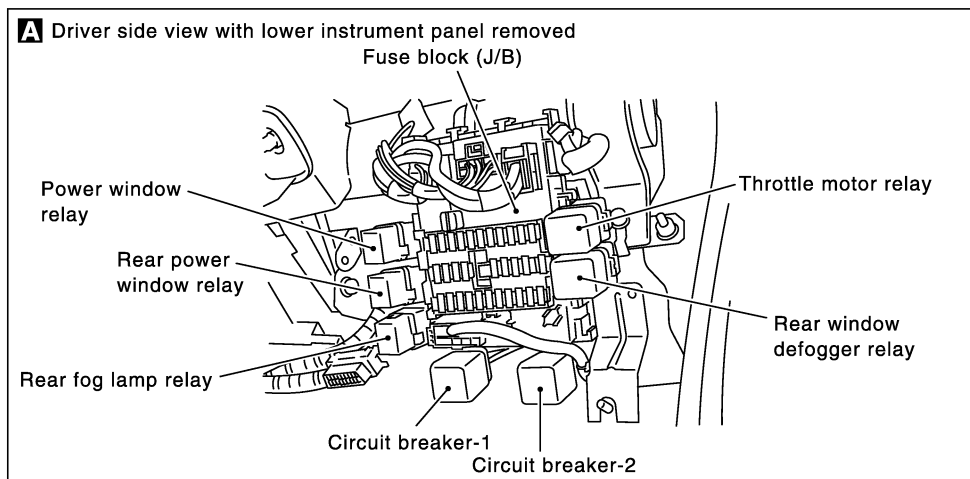
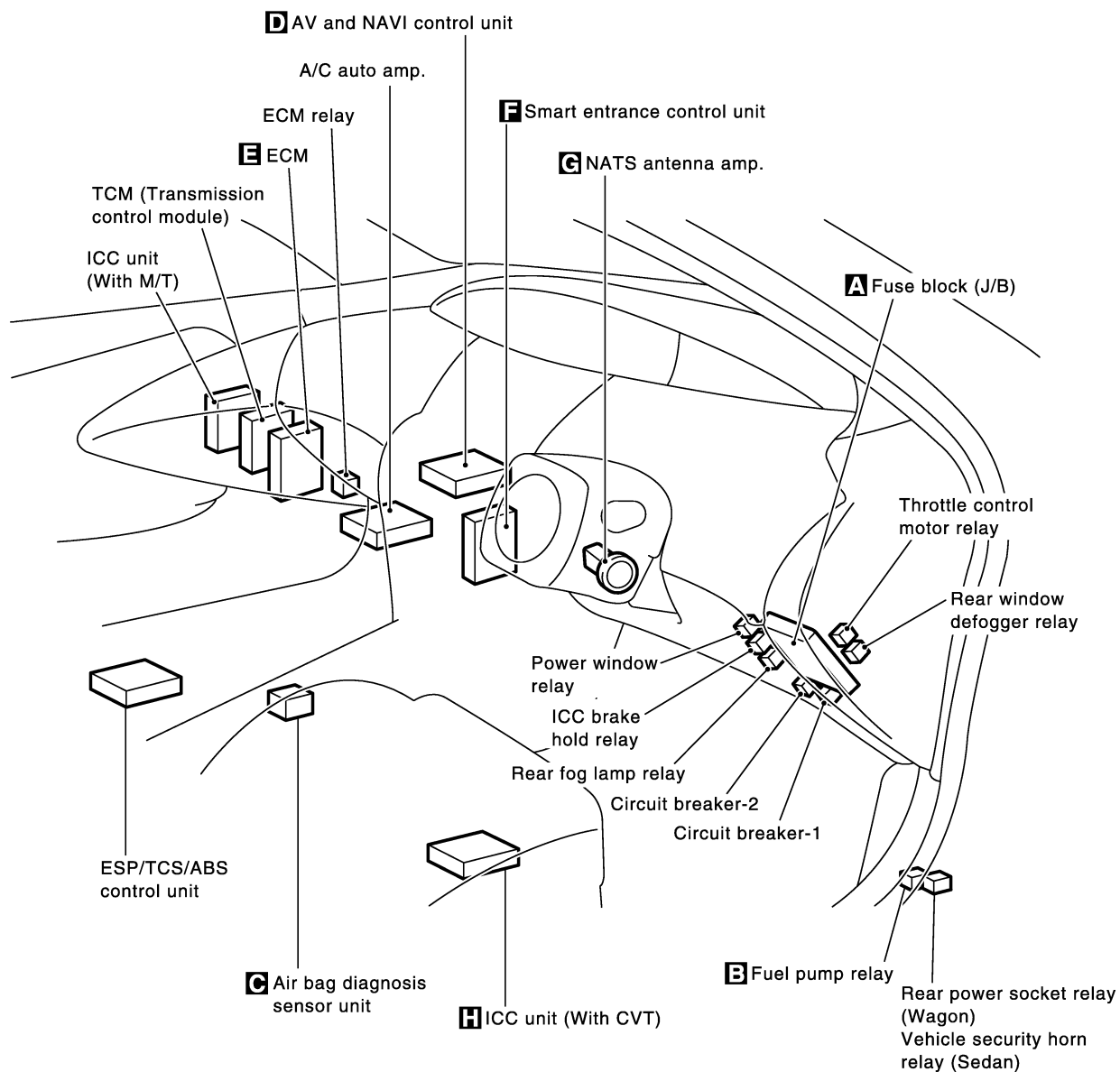


I Under the driver's seat



ELECTRICAL UNITS LOCATION

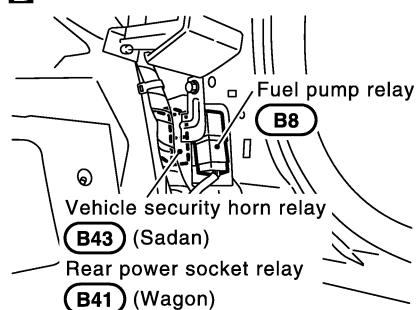
PASSENGER COMPARTMENT/RHD MODELS



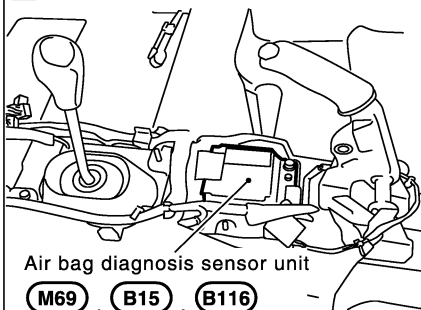
MKWA0764E

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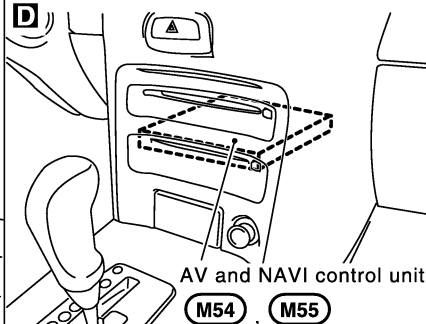
B Dash side LH



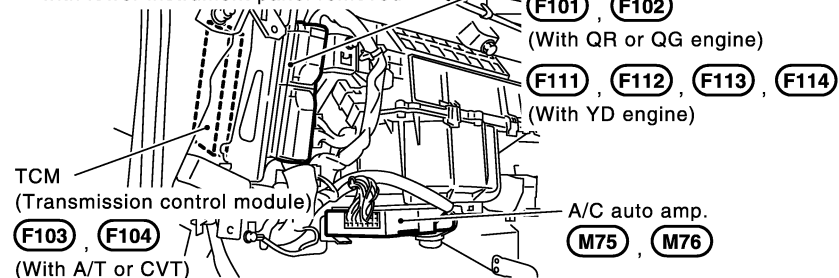
C View with console box removed



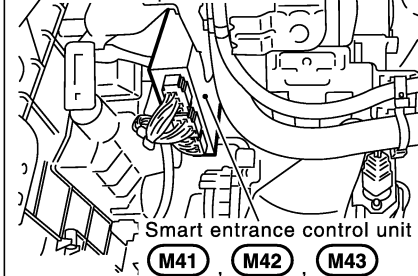
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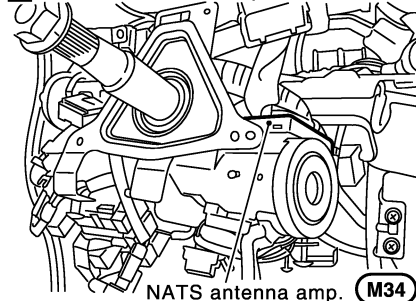
E Passenger side view
with lower instrument panel removed



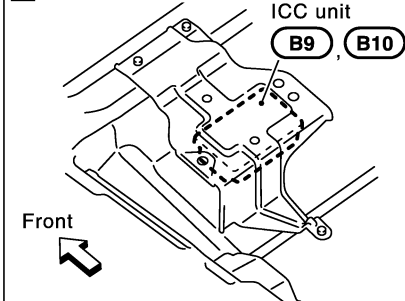
F View with lower
instrument panel removed



G View with instrument panel removed

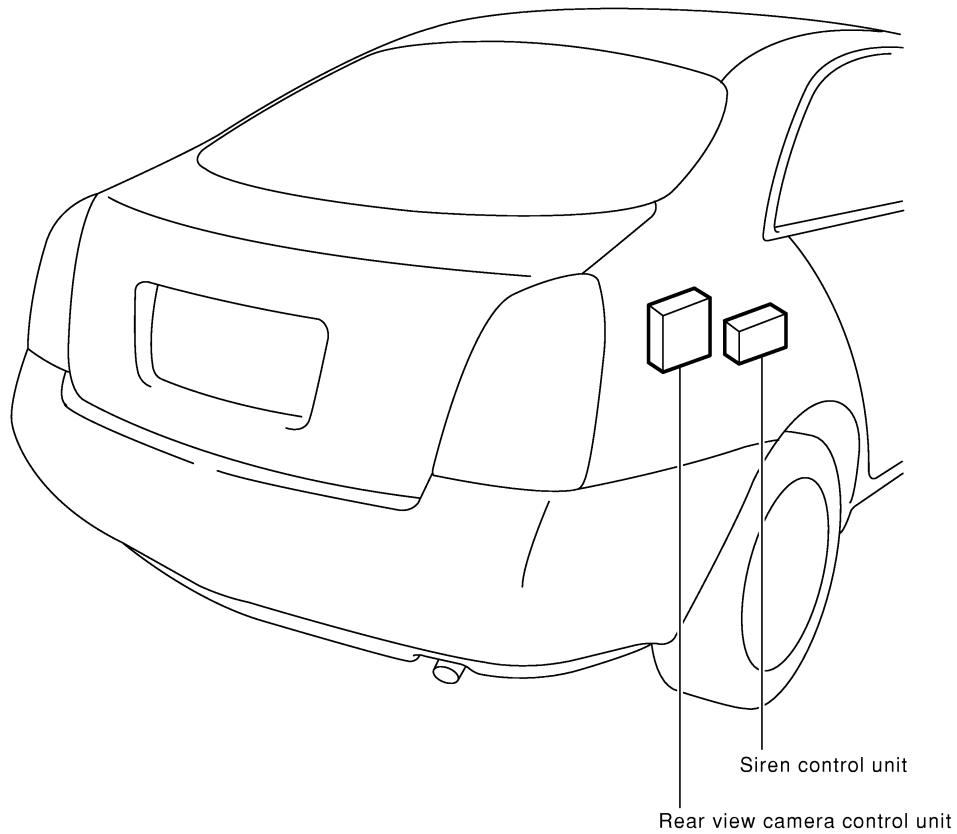


H Under the driver's seat



ELECTRICAL UNITS LOCATION

TRUNK ROOM COMPARTMENT



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HARNESS CONNECTOR

PFP:00011

Description

HARNESS CONNECTOR (TAB-LOCKING TYPE)

EKS0044I

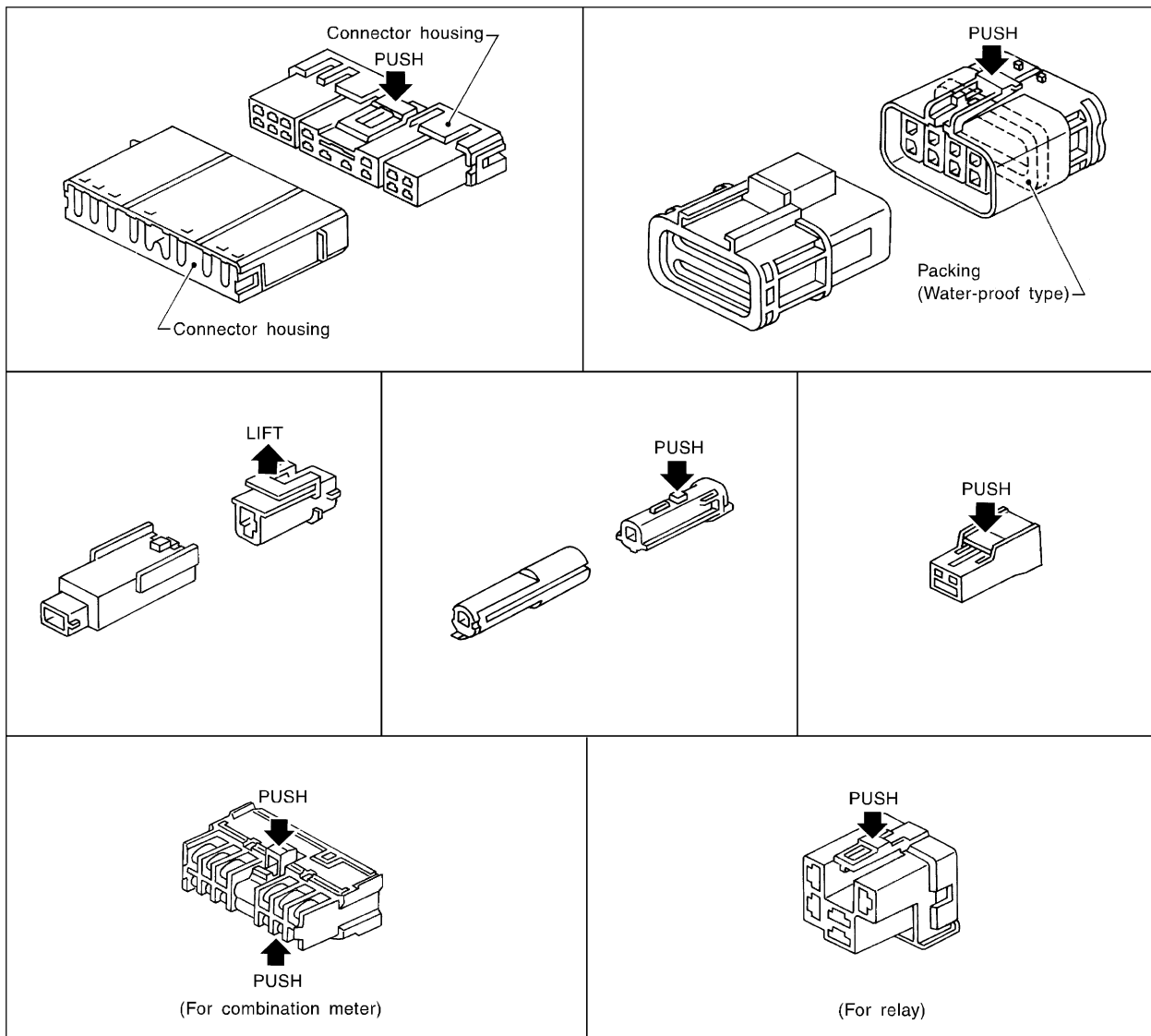
- The tab-locking type connectors help prevent accidental looseness or disconnection.
- The tab-locking type connectors are disconnected by pushing or lifting the locking tab(s). Refer to the illustration below.

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

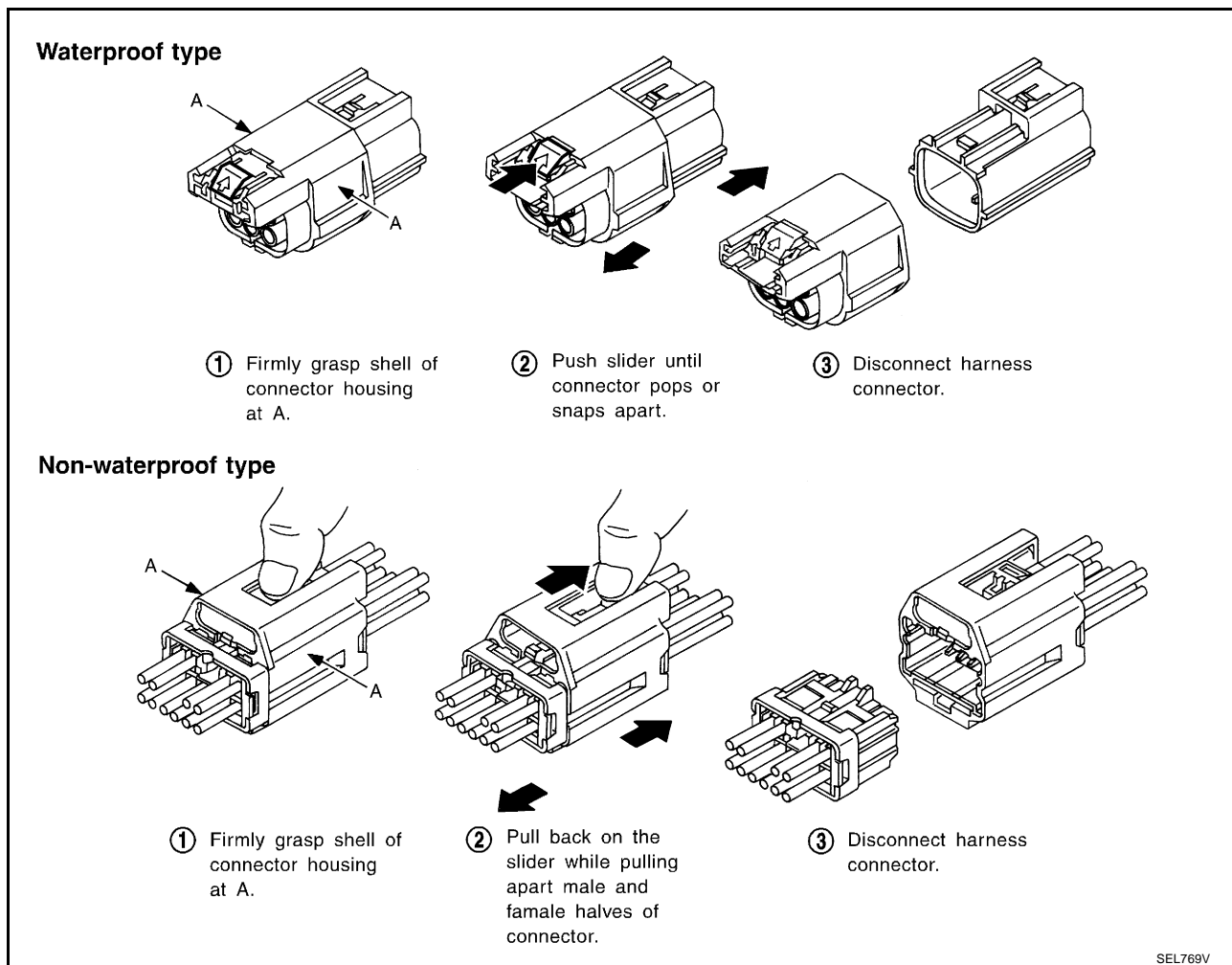
HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

- 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]



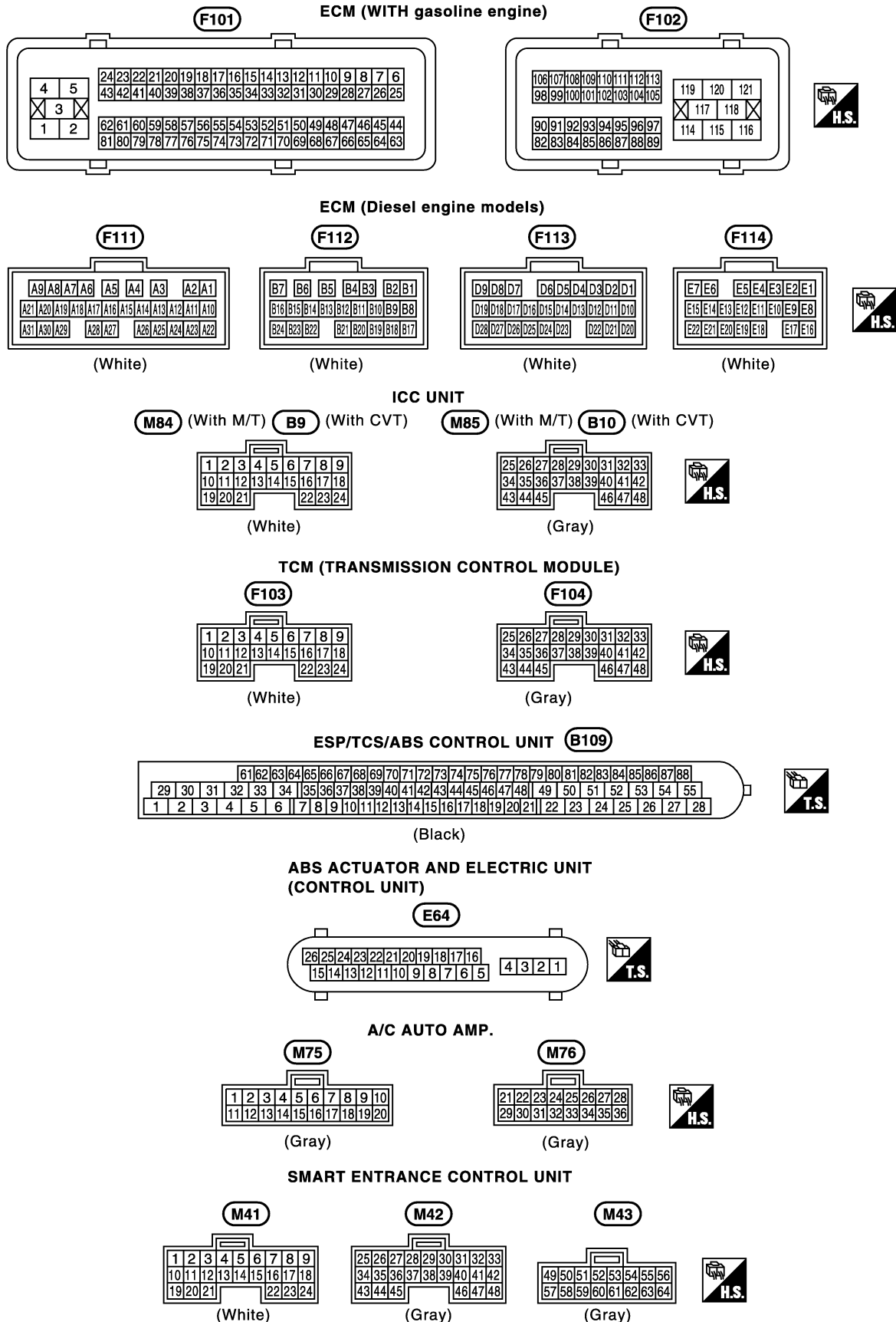
ELECTRICAL UNITS

ELECTRICAL UNITS

PFP:00011

Terminal Arrangement

EKS0044K



MKWA0766E

STANDARDIZED RELAY

STANDARDIZED RELAY

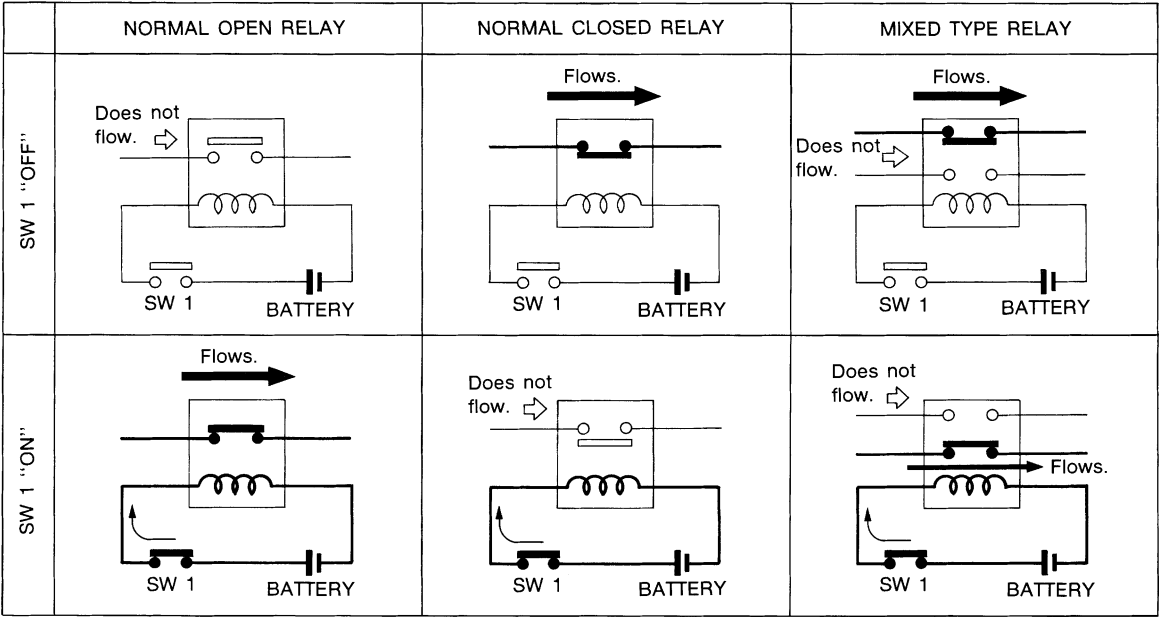
PFP:00011

Description

EKS0044L

NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

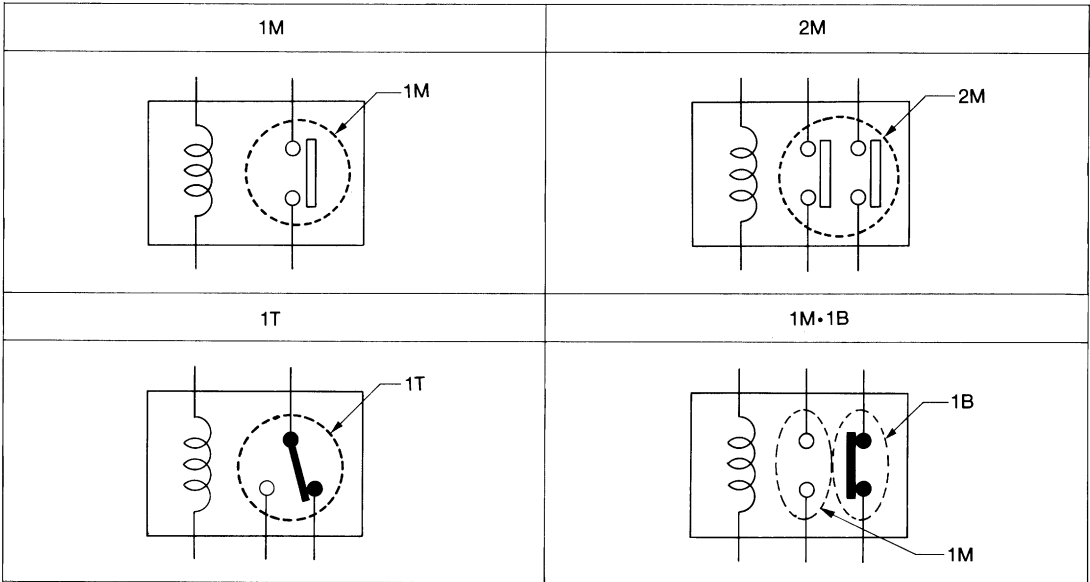
Relays can mainly be divided into three types: normal open, normal closed and mixed type relays.



SEL881H

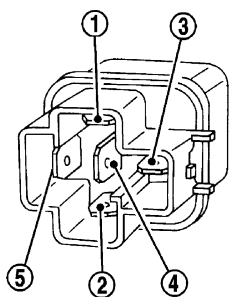
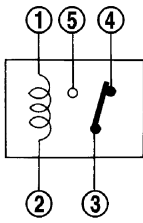
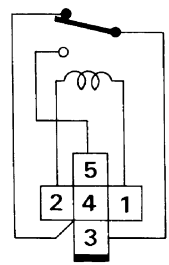
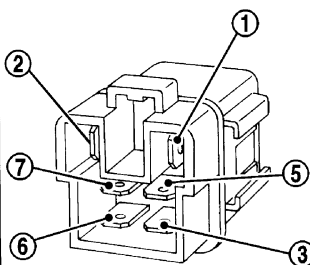
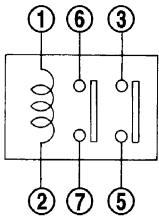
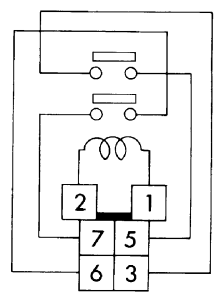
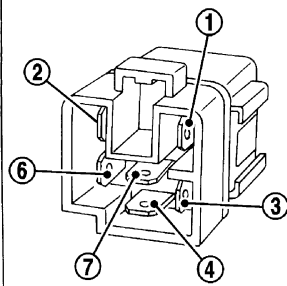
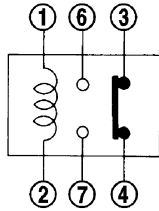
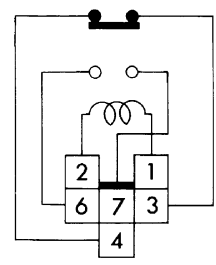
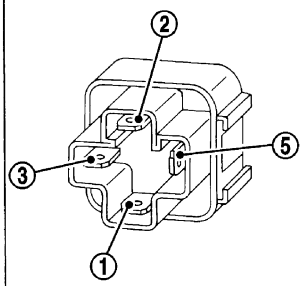
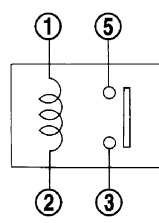
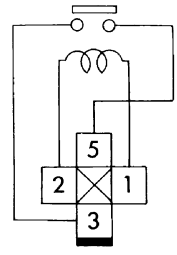
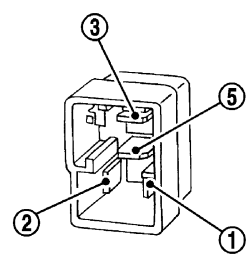
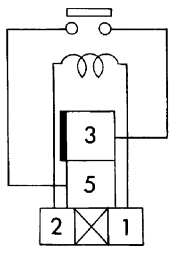
TYPE OF STANDARDIZED RELAYS

- 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

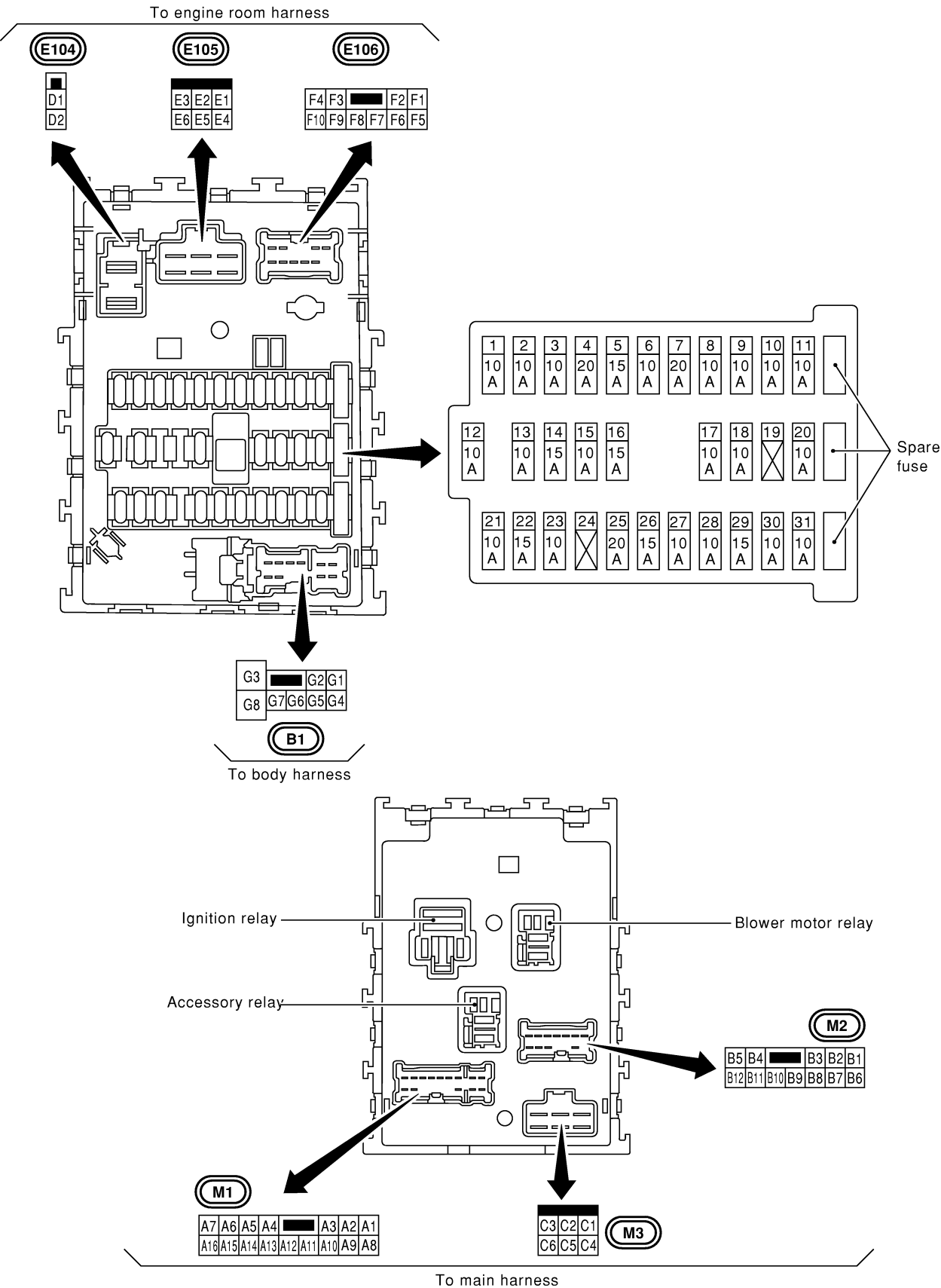
FUSE BLOCK - JUNCTION BOX (J/B)

FUSE BLOCK - JUNCTION BOX (J/B)

PPF:24350

Terminal Arrangement

EKS0044M



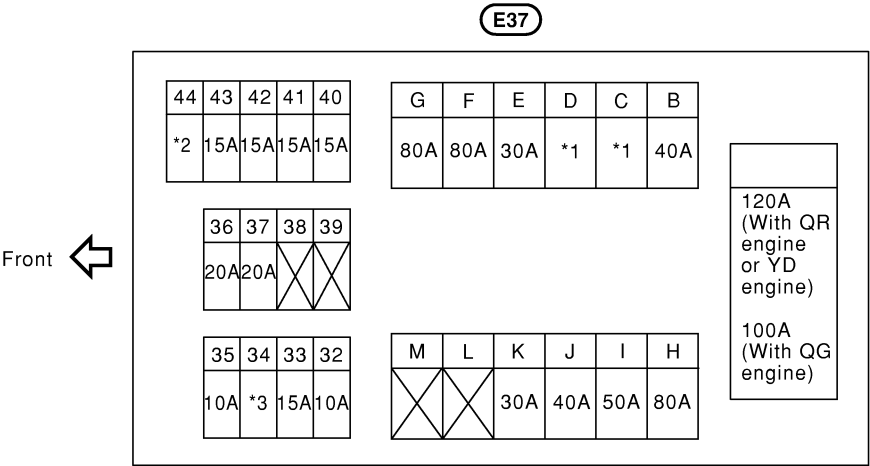
PG

FUSE AND FUSIBLE LINK BOX

FUSE AND FUSIBLE LINK BOX
Terminal Arrangement

PFP:24381

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