

SECTION **PG**

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POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

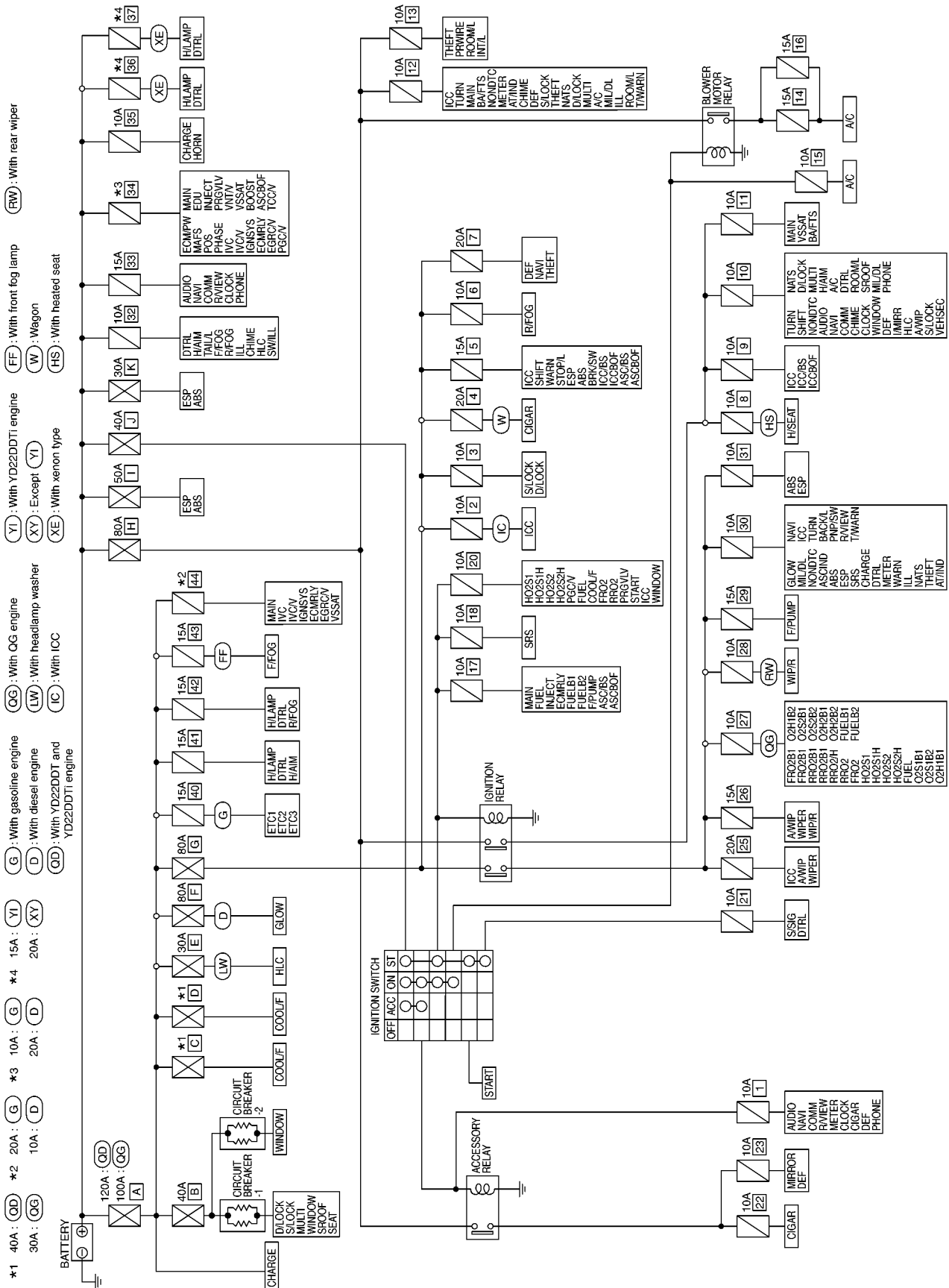
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Schematic/EXCEPT FOR F9Q ENGINE MODELS

EKS00A07



EKS00B5U



POWER SUPPLY ROUTING

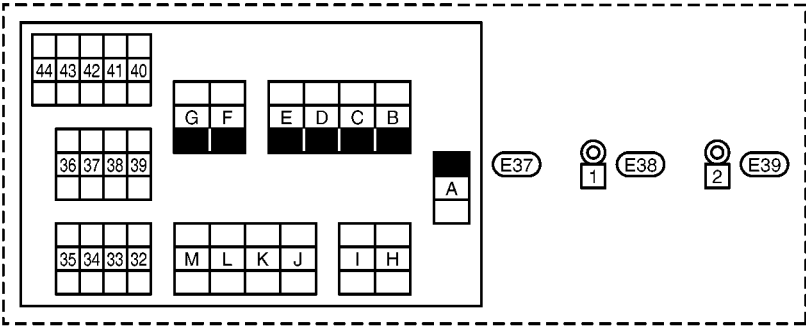
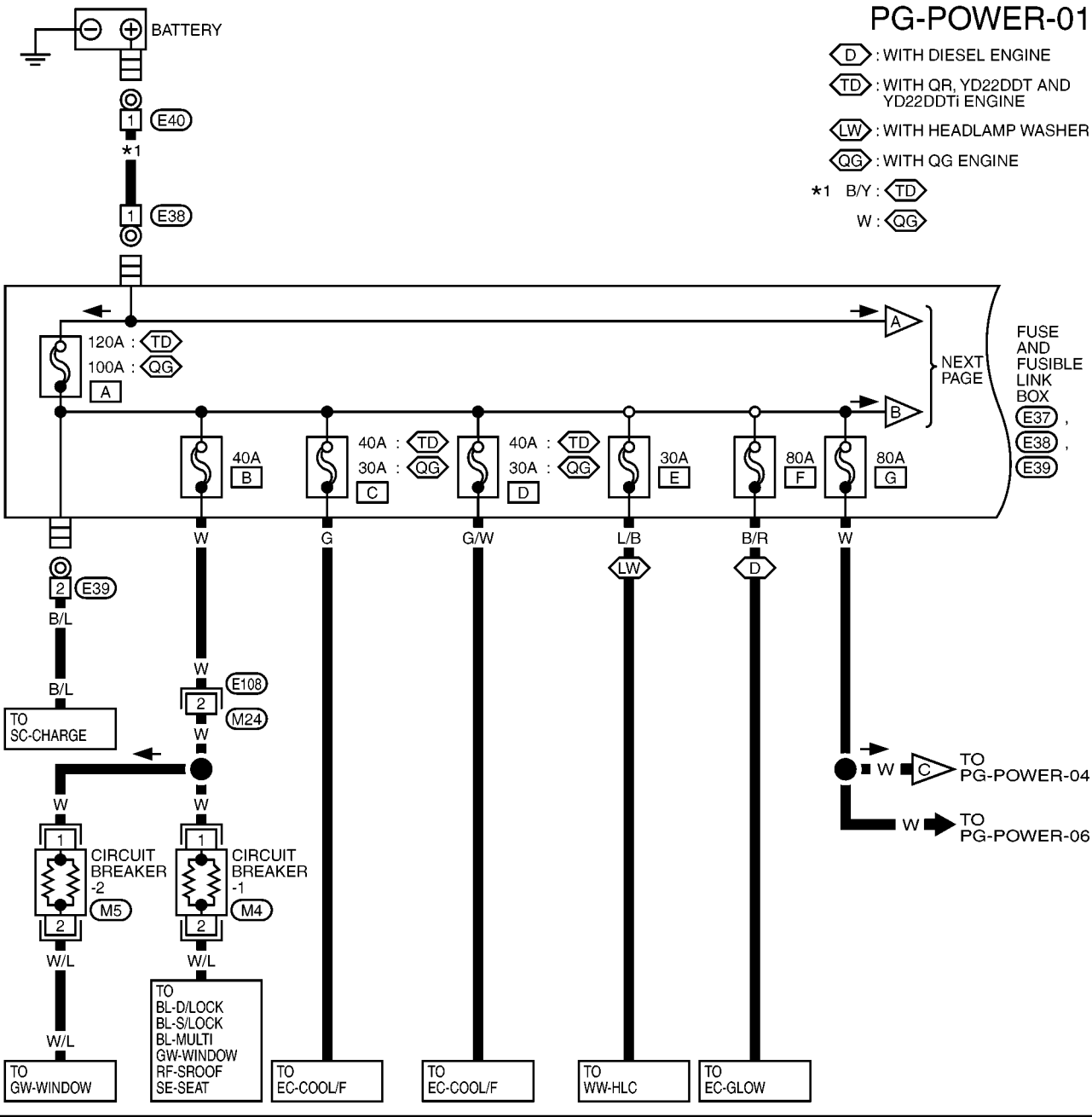
Wiring Diagram — POWER —/EXCEPT FOR F9Q ENGINE MODELS
BATTERY POWER SUPPLY — IGNITION SW. IN ANY POSITION

EKS00A08

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PG-POWER-01

- D : WITH DIESEL ENGINE
- TD : WITH QR, YD22DDT AND YD22DDTi ENGINE
- LW : WITH HEADLAMP WASHER
- QG : WITH QG ENGINE
- *1 B/Y : TD
- W : QG



MAWA1152E

POWER SUPPLY ROUTING

PG-POWER-02

- G

: WITH GASOLINE ENGINE

D

: WITH DIESEL ENGINE

ES

: WITH ESP
- OE

: WITHOUT ESP
- FF

: WITH FRONT FOG LAMP
- *1

 20A:

G

*2

 W/L:

ES

*3

 L:

ES
- 10A

:

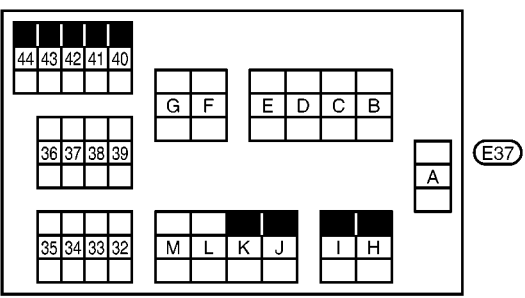
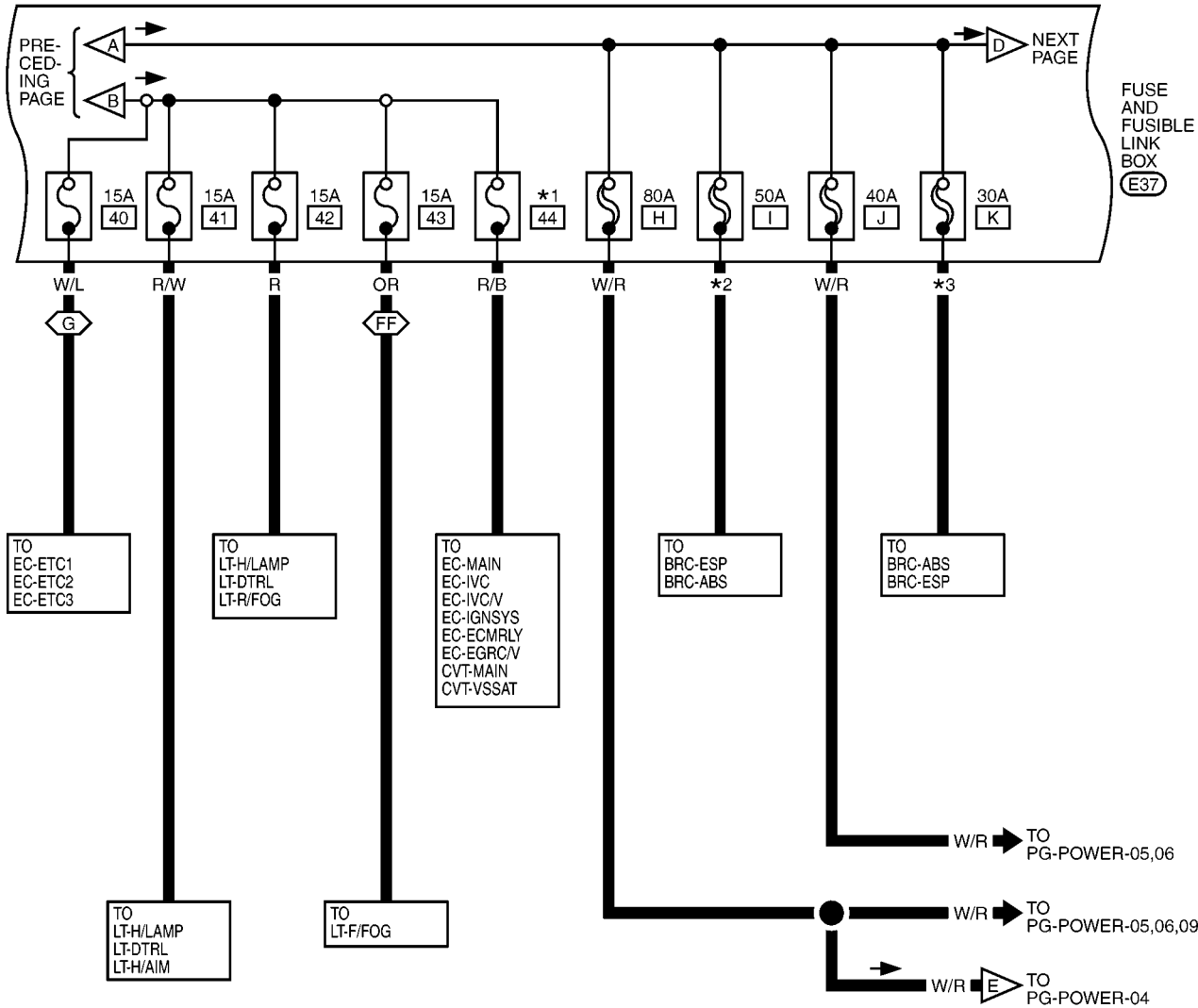
D

 B/Y:

OE

 Y:

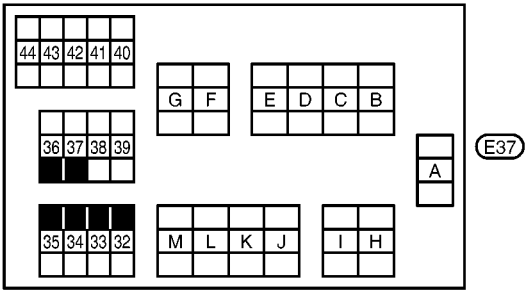
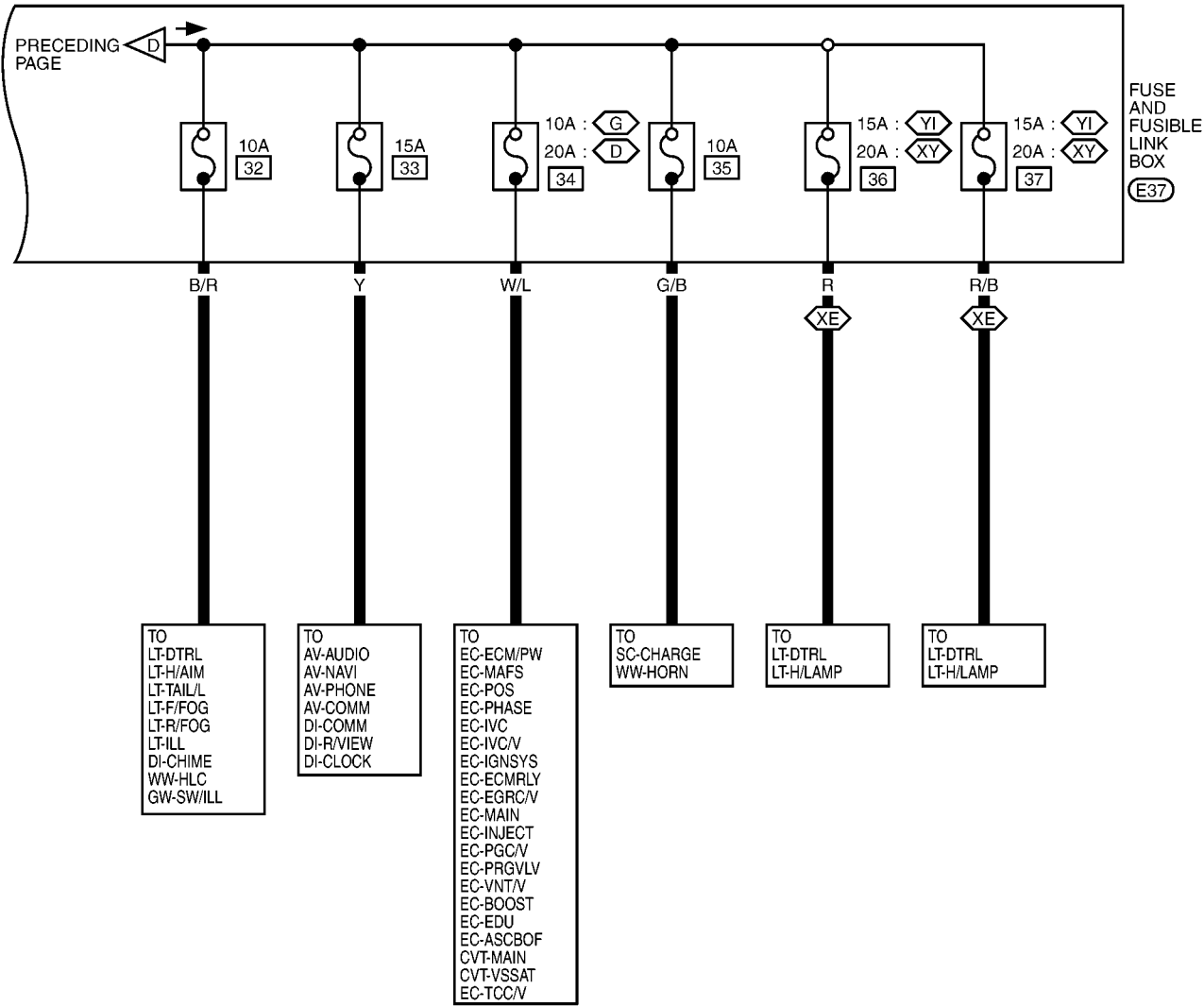
OE



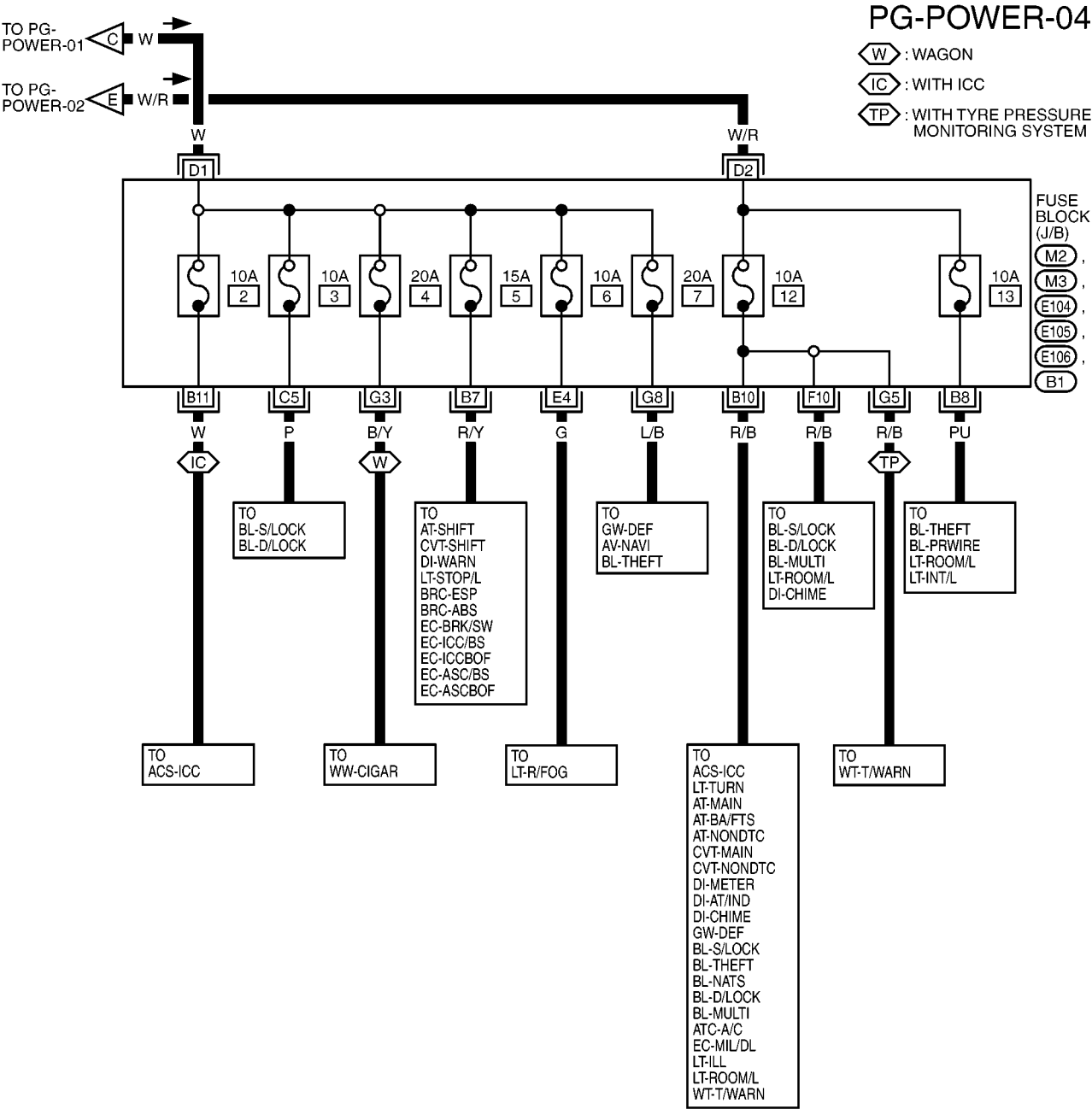
POWER SUPPLY ROUTING

PG-POWER-03

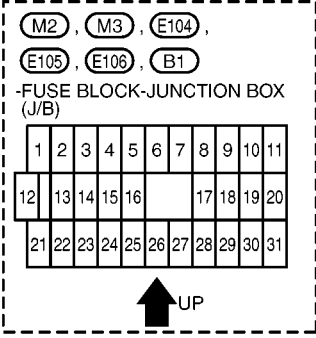
- XE : WITH XENON TYPE
- G : WITH GASOLINE ENGINE
- D : WITH DIESEL ENGINE
- YI : WITH YD22DDTi ENGINE
- XY : EXCEPT YI



POWER SUPPLY ROUTING



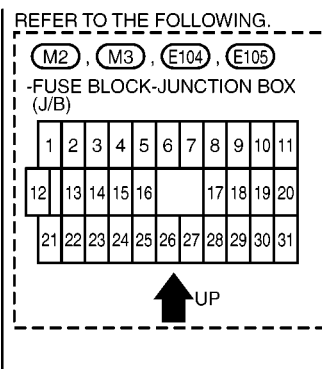
REFER TO THE FOLLOWING.



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PG-POWER-05

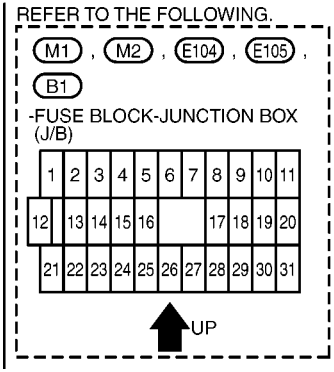
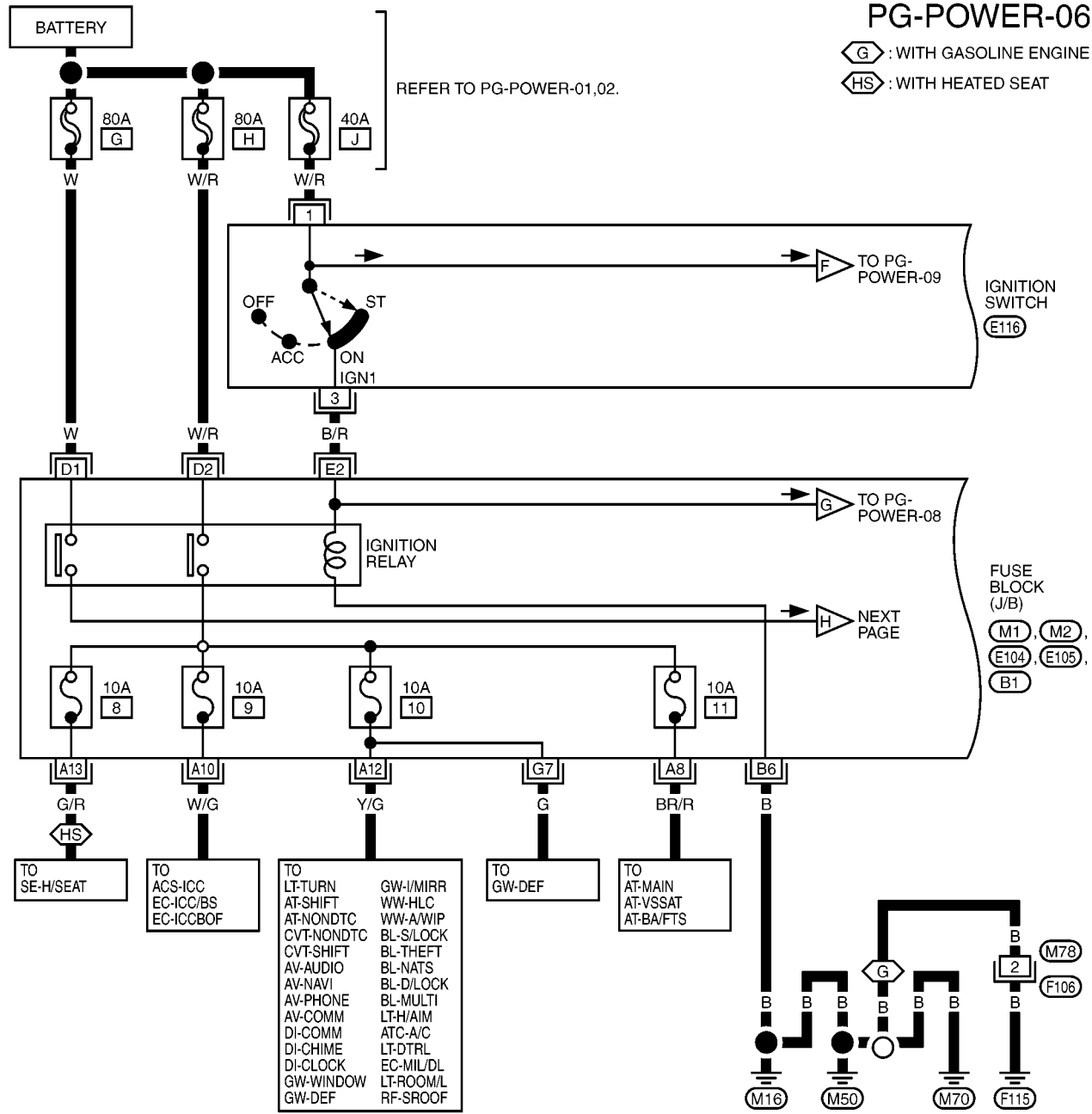


POWER SUPPLY ROUTING

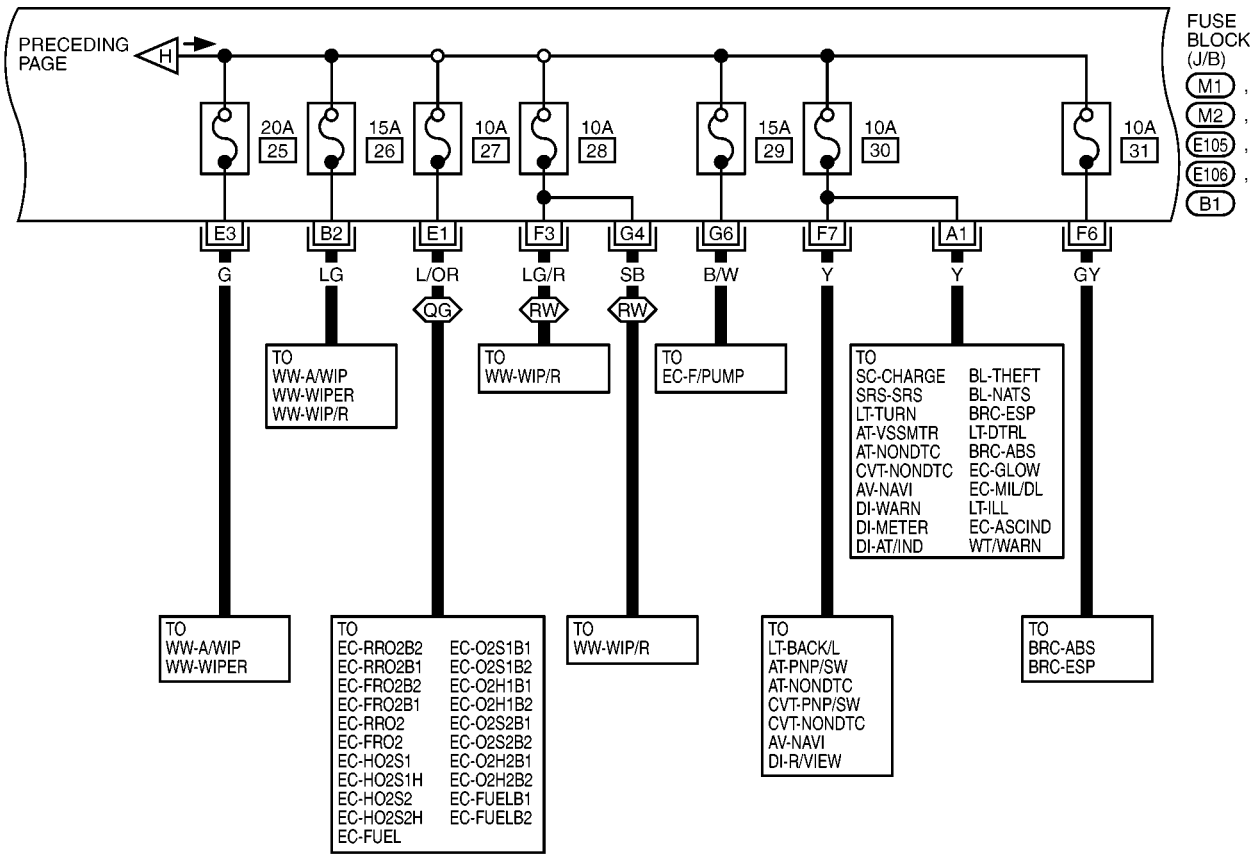
IGNITION POWER SUPPLY — IGNITION SW. IN “ON” AND/OR “START”

PG-POWER-06

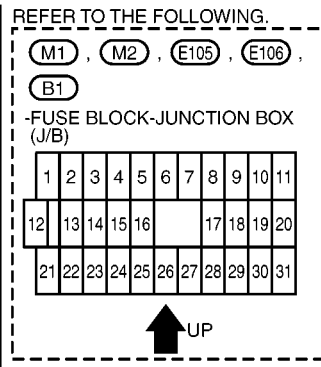
G : WITH GASOLINE ENGINE
HS : WITH HEATED SEAT



QG : WITH QG ENGINE
RW : WITH REAR WIPER



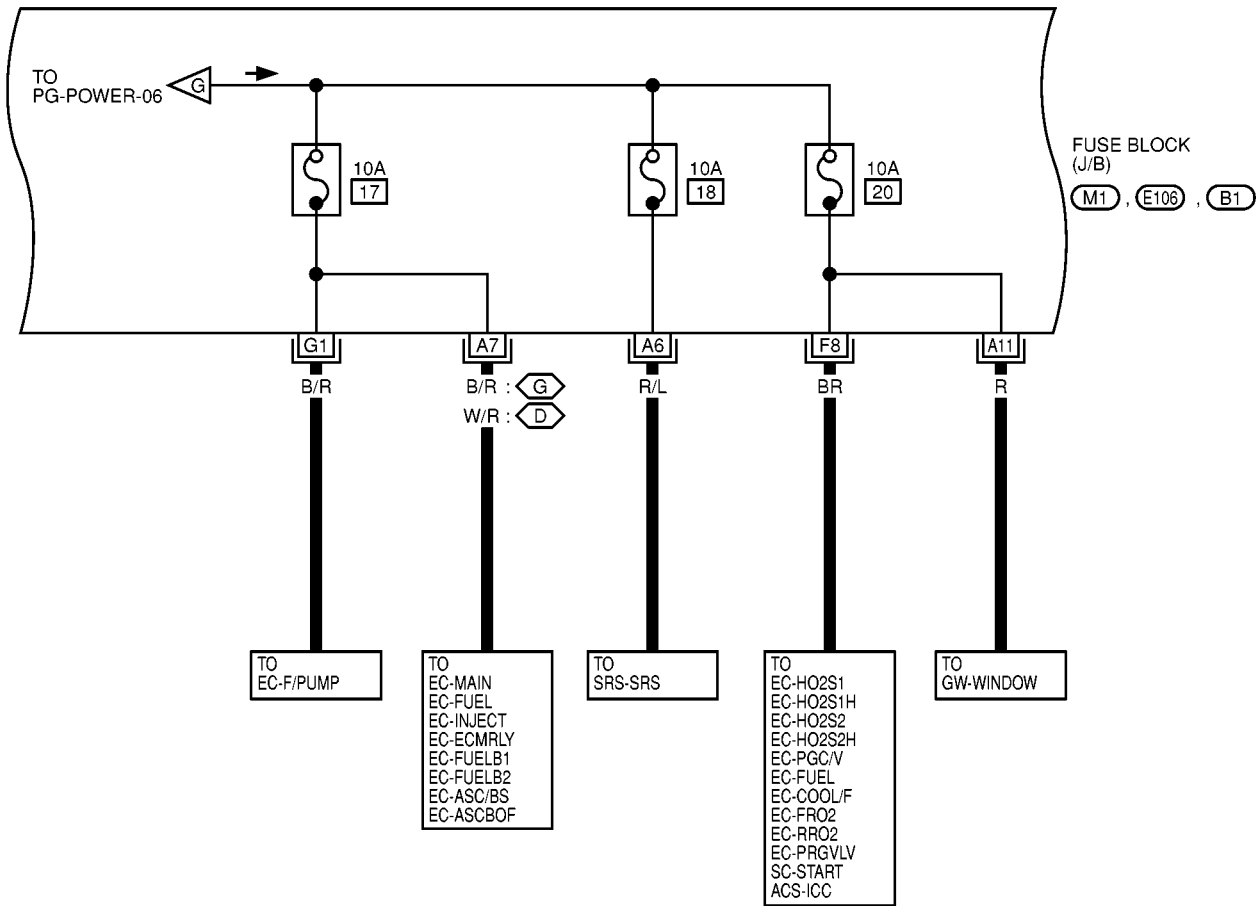
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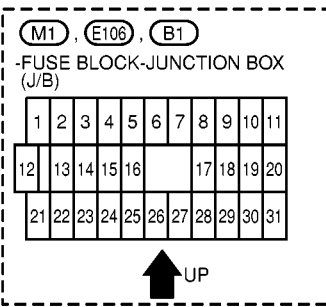
POWER SUPPLY ROUTING

PG-POWER-08

G : WITH GASOLINE ENGINE
D : WITH DIESEL ENGINE



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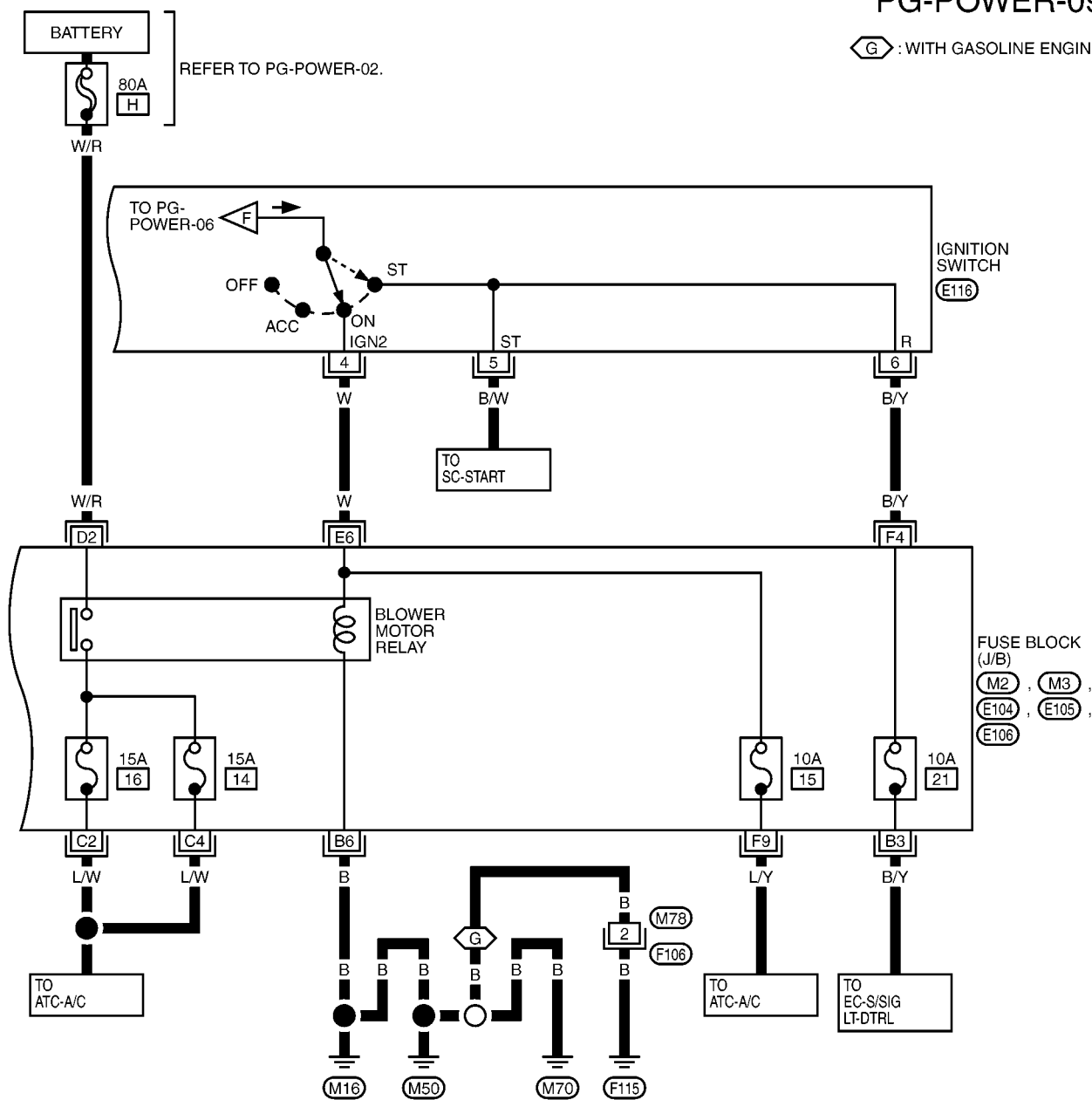


MKWA0706E

POWER SUPPLY ROUTING

PG-POWER-09

G : WITH GASOLINE ENGINE



3	5	1
4	2	6

E118

W

1
2

F106

W

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



UP

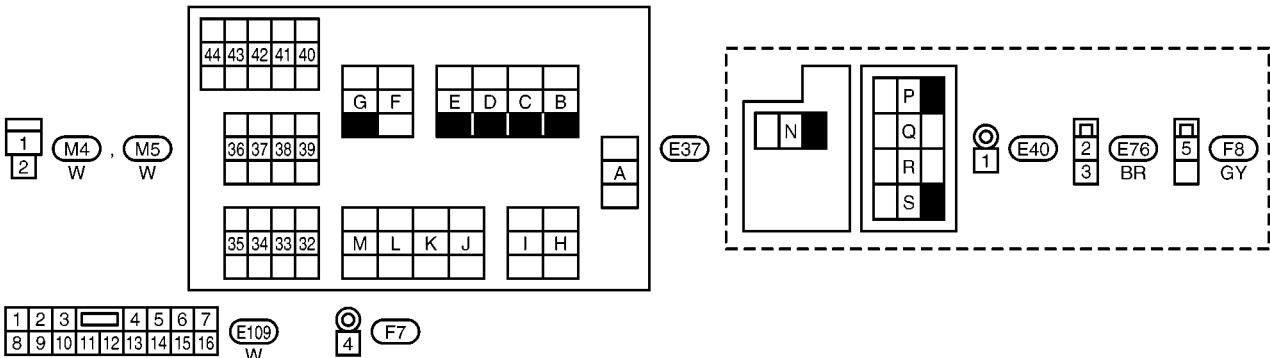
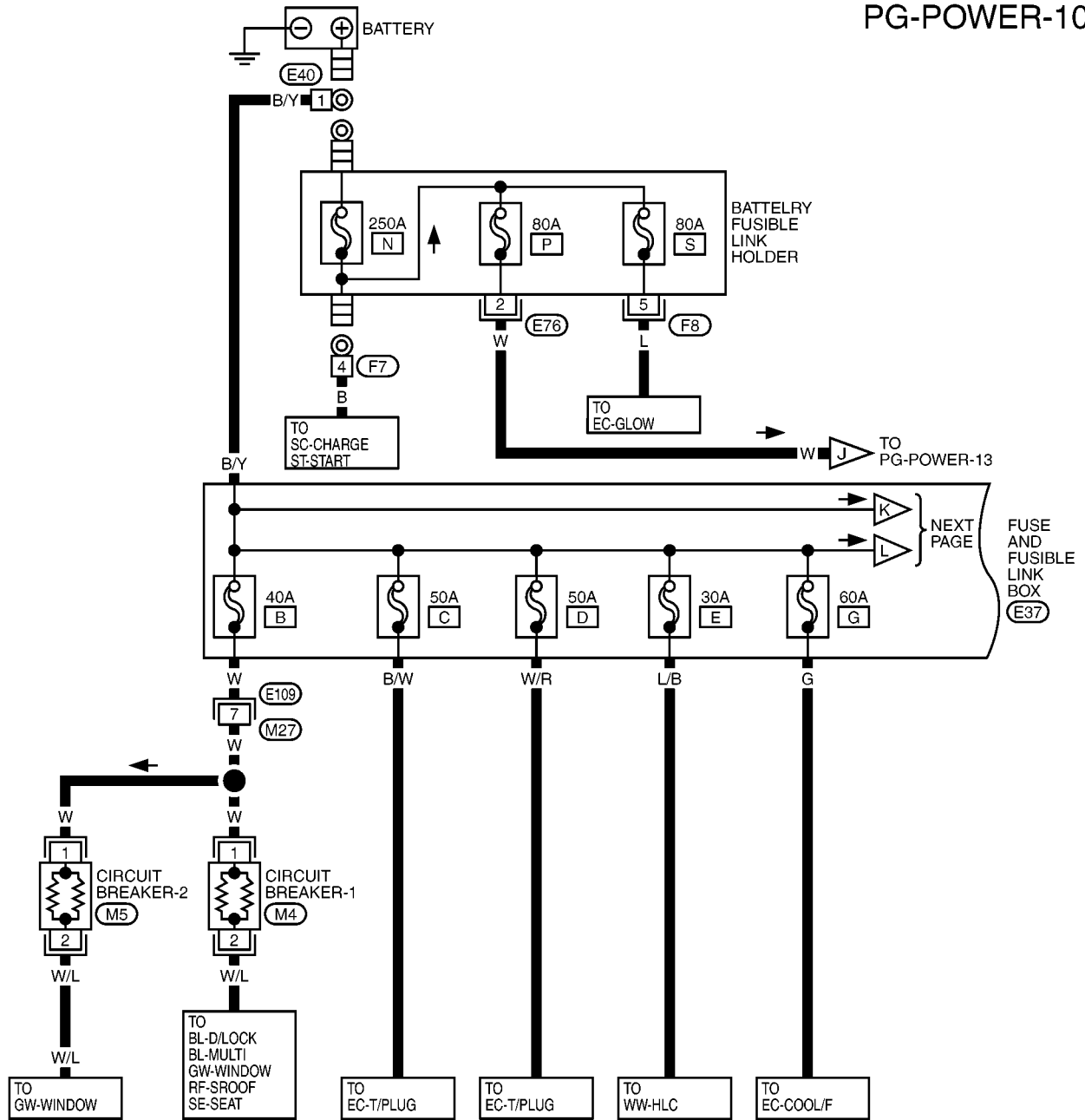
MAWA1159E

POWER SUPPLY ROUTING

Wiring Diagram — POWER —/FOR F9Q ENGINE MODELS BATTERY POWER SUPPLY — IGNITION SW. IN ANY POSITION

EKS00B5V

PG-POWER-10



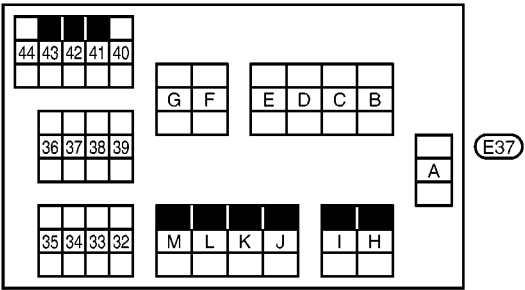
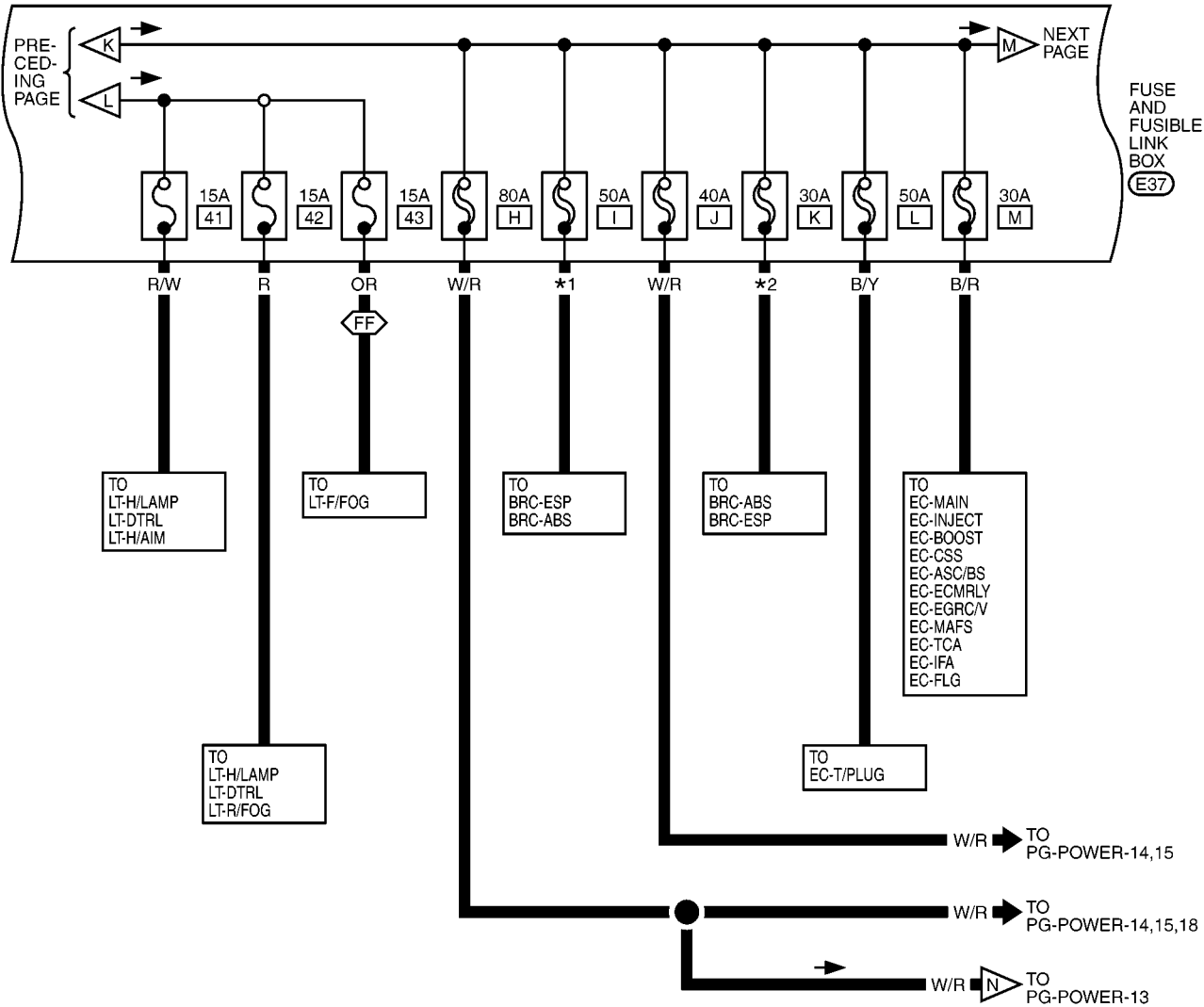
MAWA1161E

POWER SUPPLY ROUTING

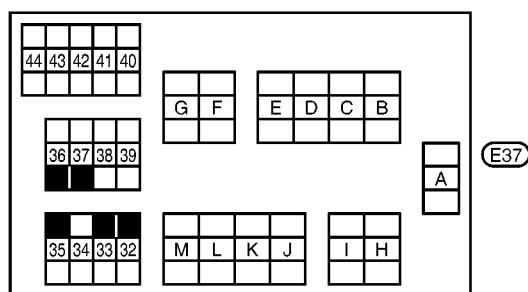
PG-POWER-11

FF : WITH FRONT FOG LAMP
ES : WITH ESP
OE : WITHOUT ESP

*1 W/L : ES *2 L : ES
B/Y : OE Y : OE

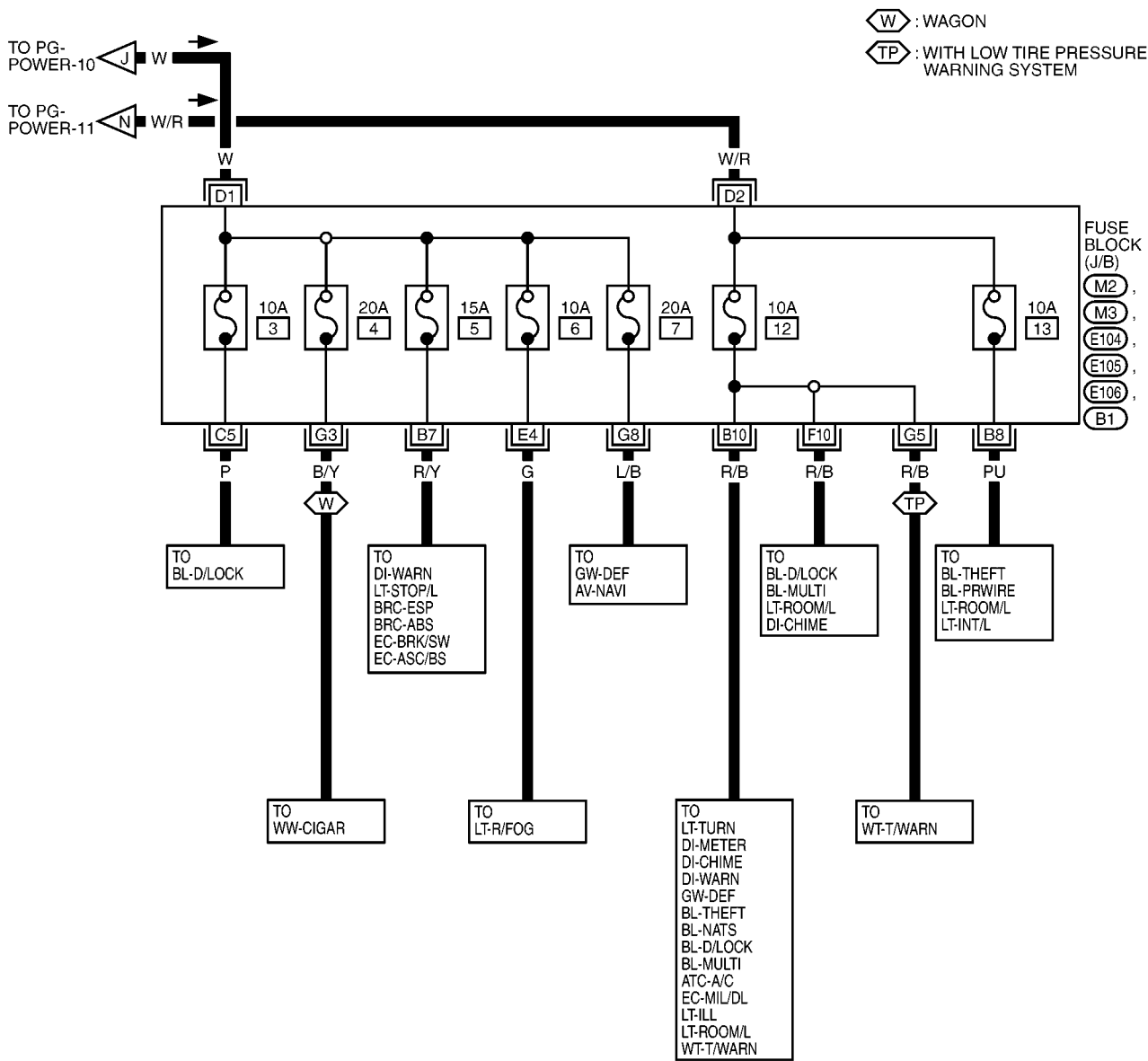


XE : WITH XENON TYPE



POWER SUPPLY ROUTING

PG-POWER-13



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

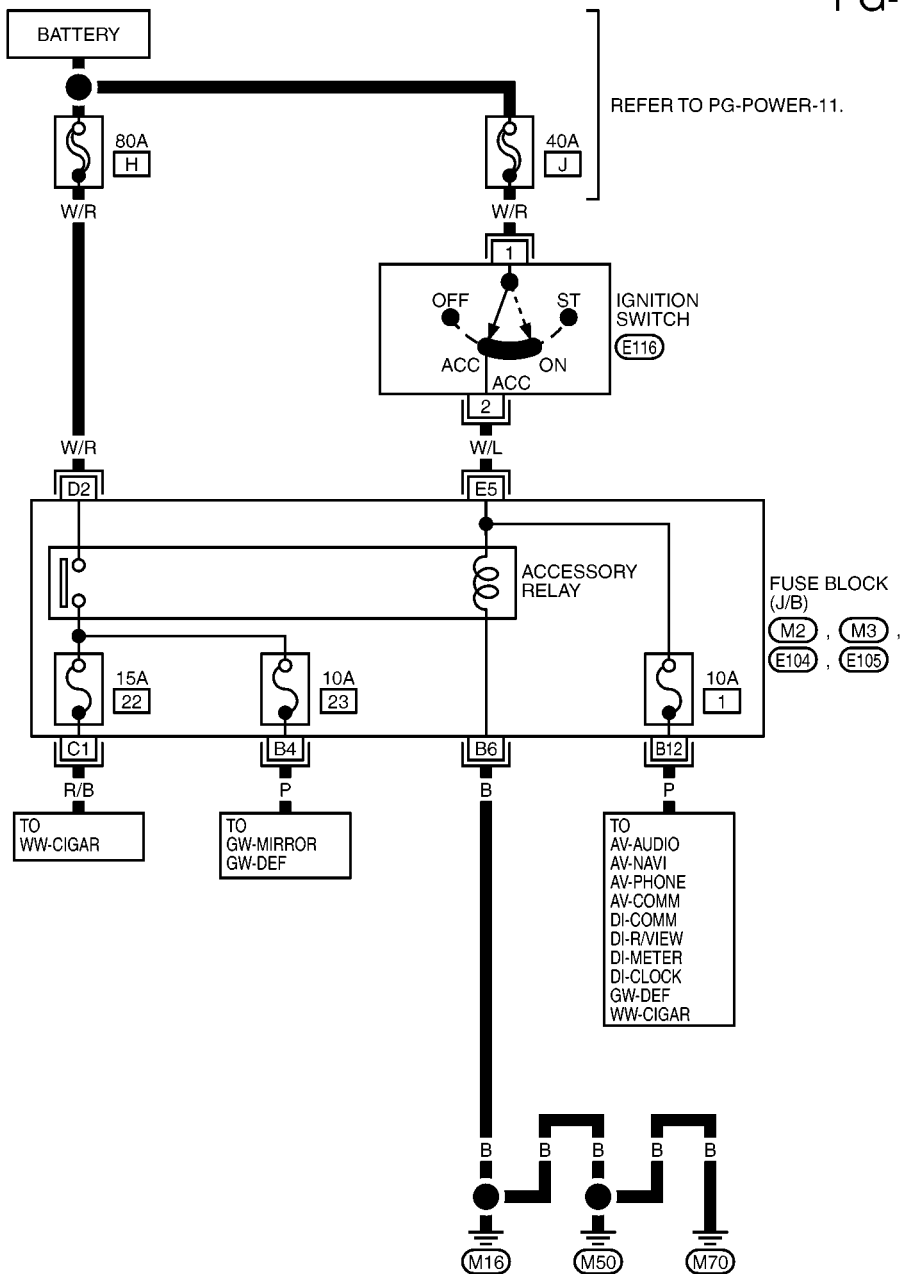


UP

POWER SUPPLY ROUTING

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

PG-POWER-14



3	5	1
4	2	6

E116
W

REFER TO THE FOLLOWING.

M2	M3	E104	E105
----	----	------	------

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

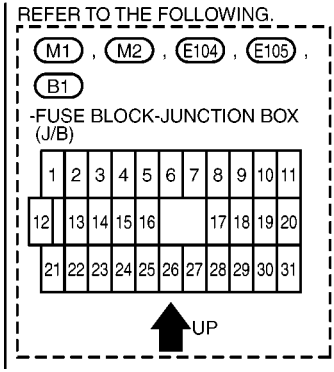
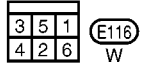
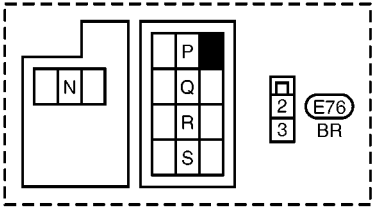
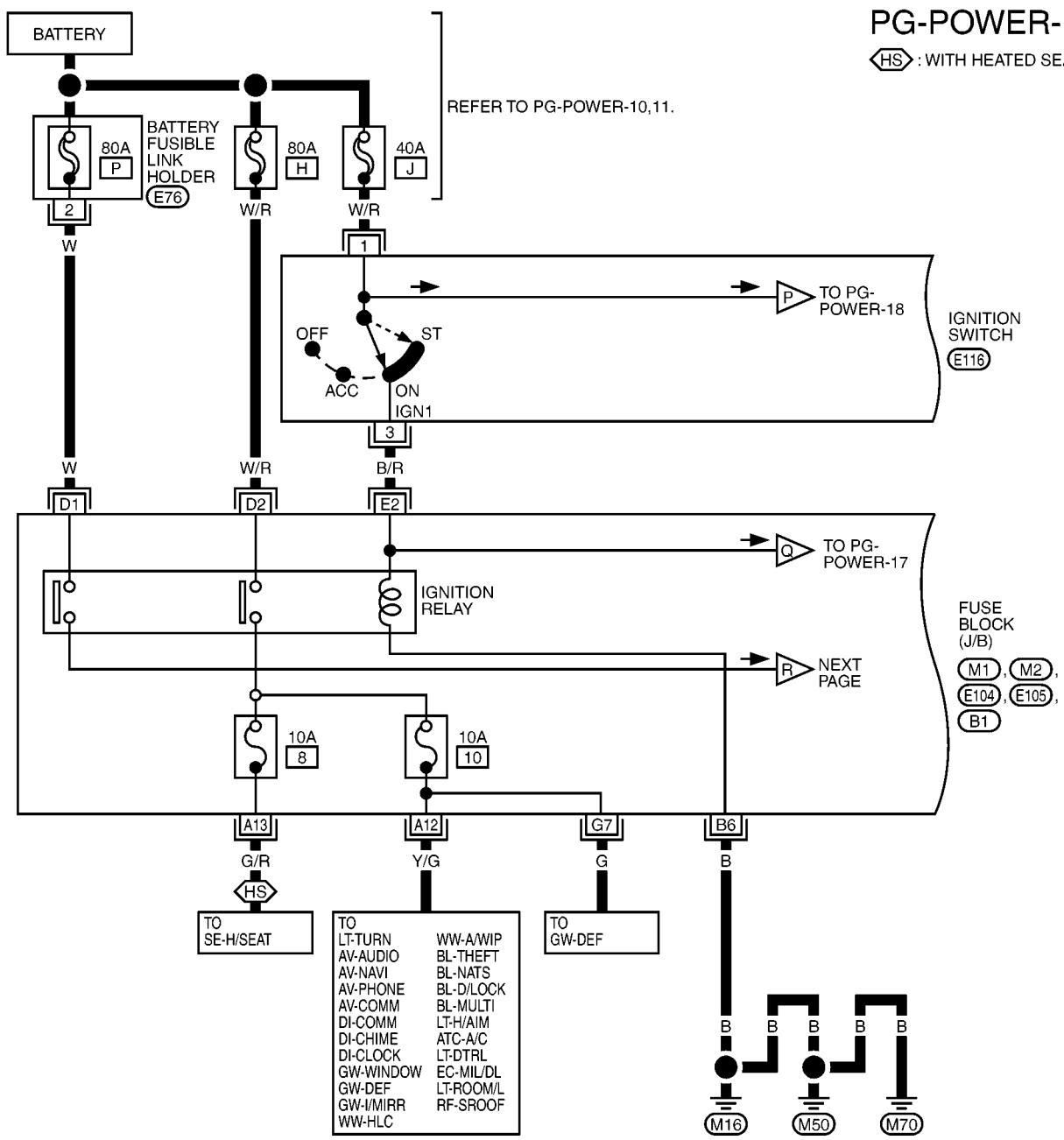
UP

POWER SUPPLY ROUTING

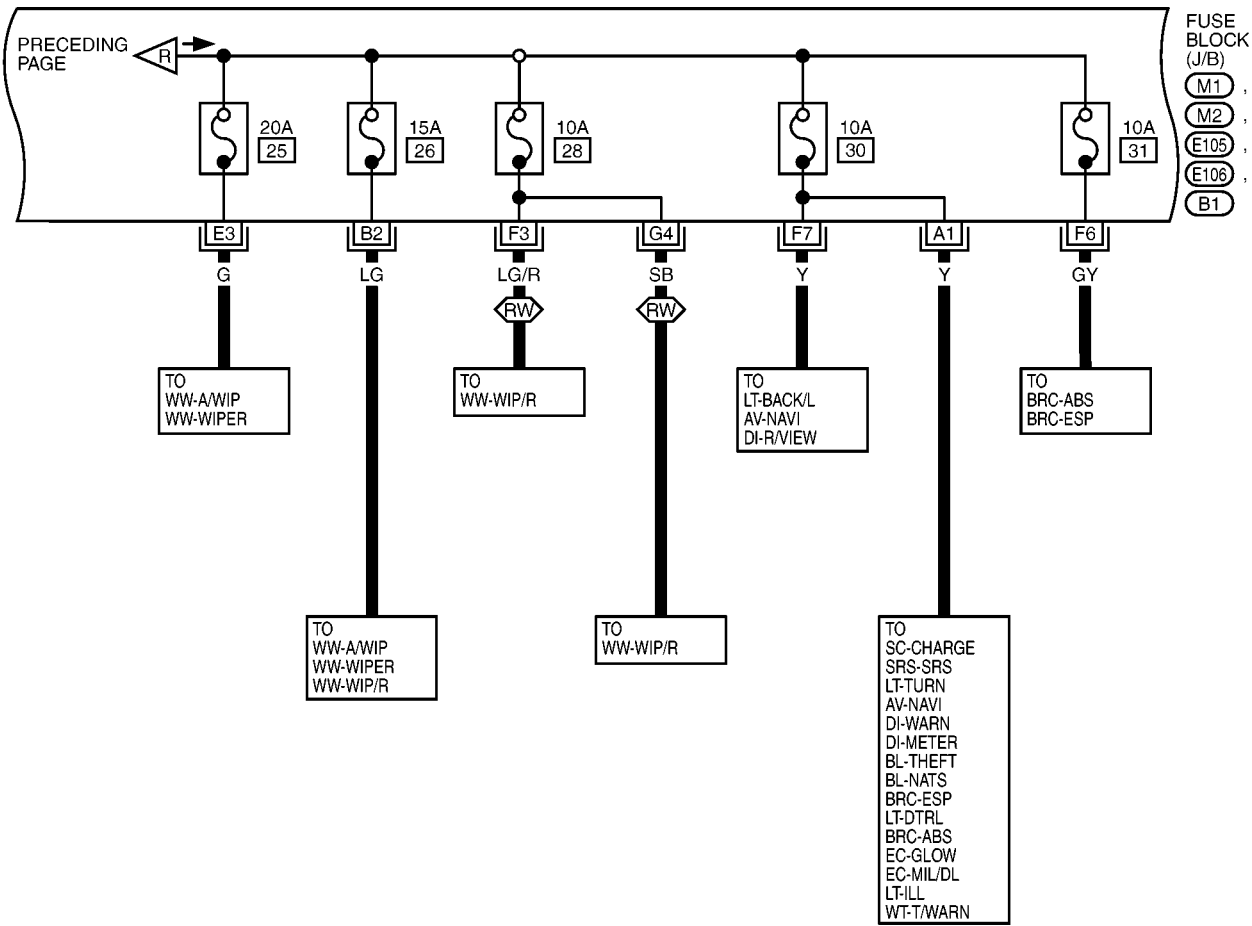
IGNITION POWER SUPPLY — IGNITION SW. IN “ON” AND/OR “START”

PG-POWER-15

HS : WITH HEATED SEAT



 : WITH REAR WIPER



REFER TO THE FOLLOWING.

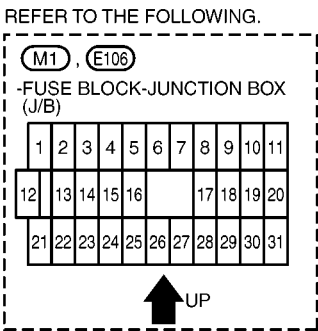
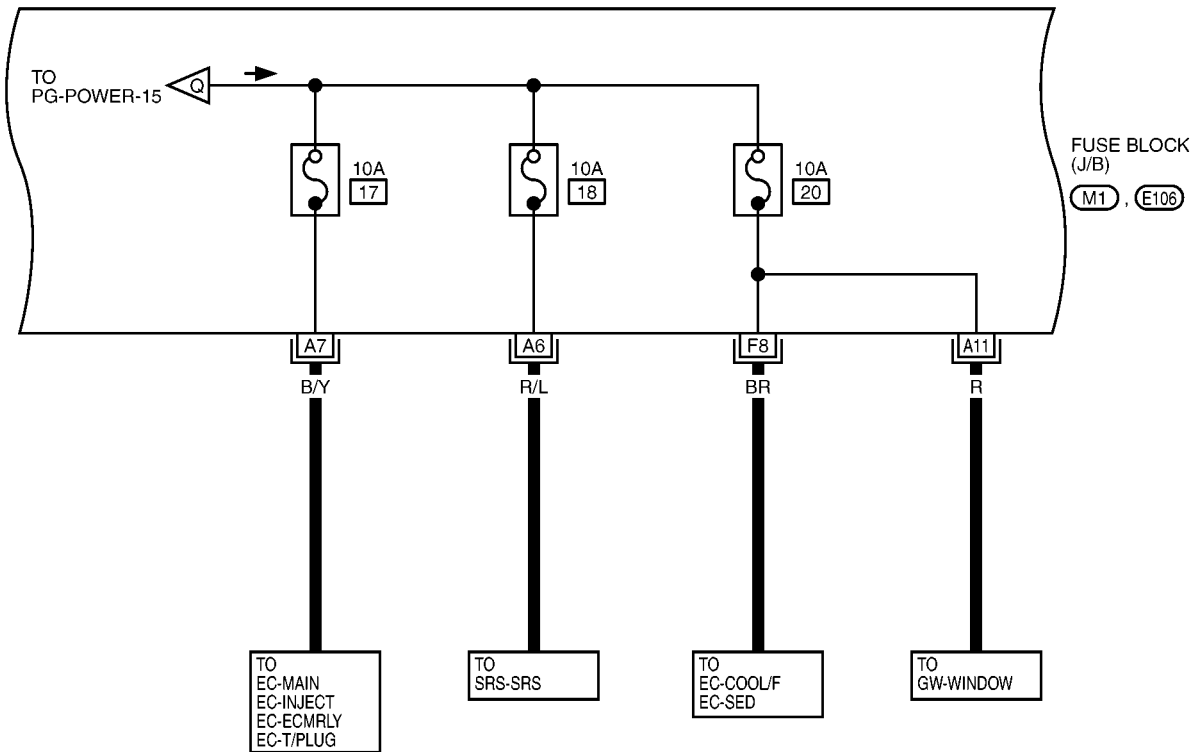
M1 , M2 , E105 , E106 ,
B1

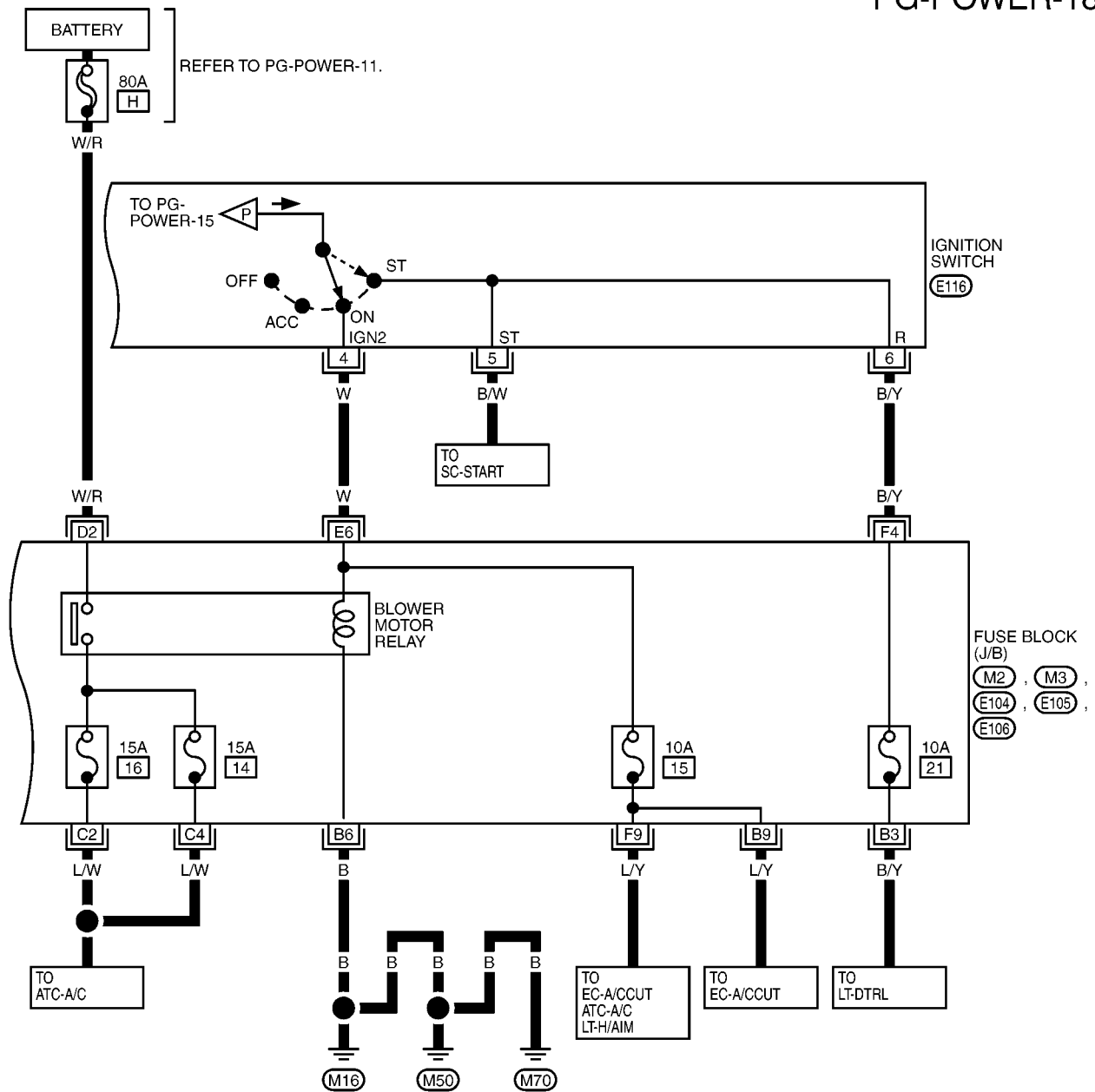
FUSE BLOCK-JUNCTION BOX
(J/B)

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





3	5	1
4	2	6

E116
W

REFER TO THE FOLLOWING.

M2, M3, E104, E105, E106

1 -FUSE BLOCK-JUNCTION BOX
1 (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	

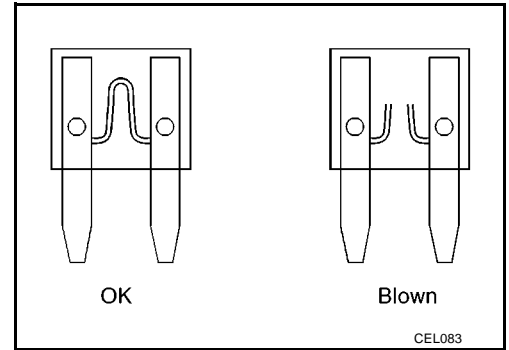
UP

POWER SUPPLY ROUTING

Fuse

EKS00A09

- 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.



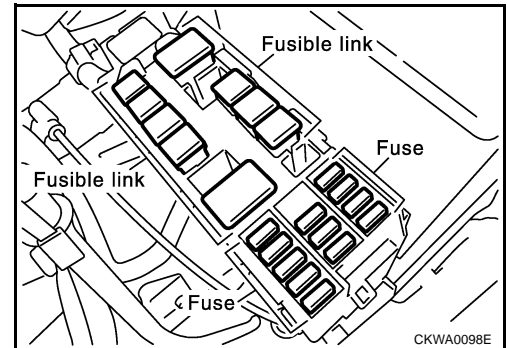
Fusible Link

EKS00A0A

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:

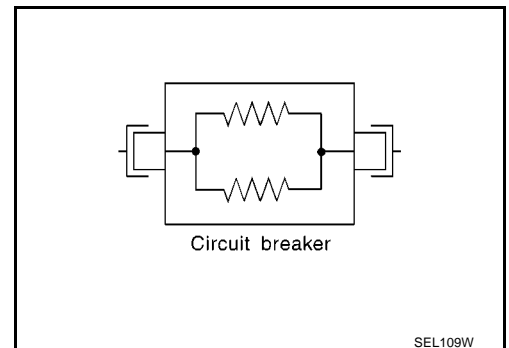
- If fusible link should melt, it is possible that critical circuit (power supply or large current carrying circuit) is shorted. In such a case, carefully check and eliminate cause of incident.
- Never wrap outside of fusible link with vinyl tape. Important: Never let fusible link touch any other wiring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



Circuit Breaker

EKS00A0B

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.



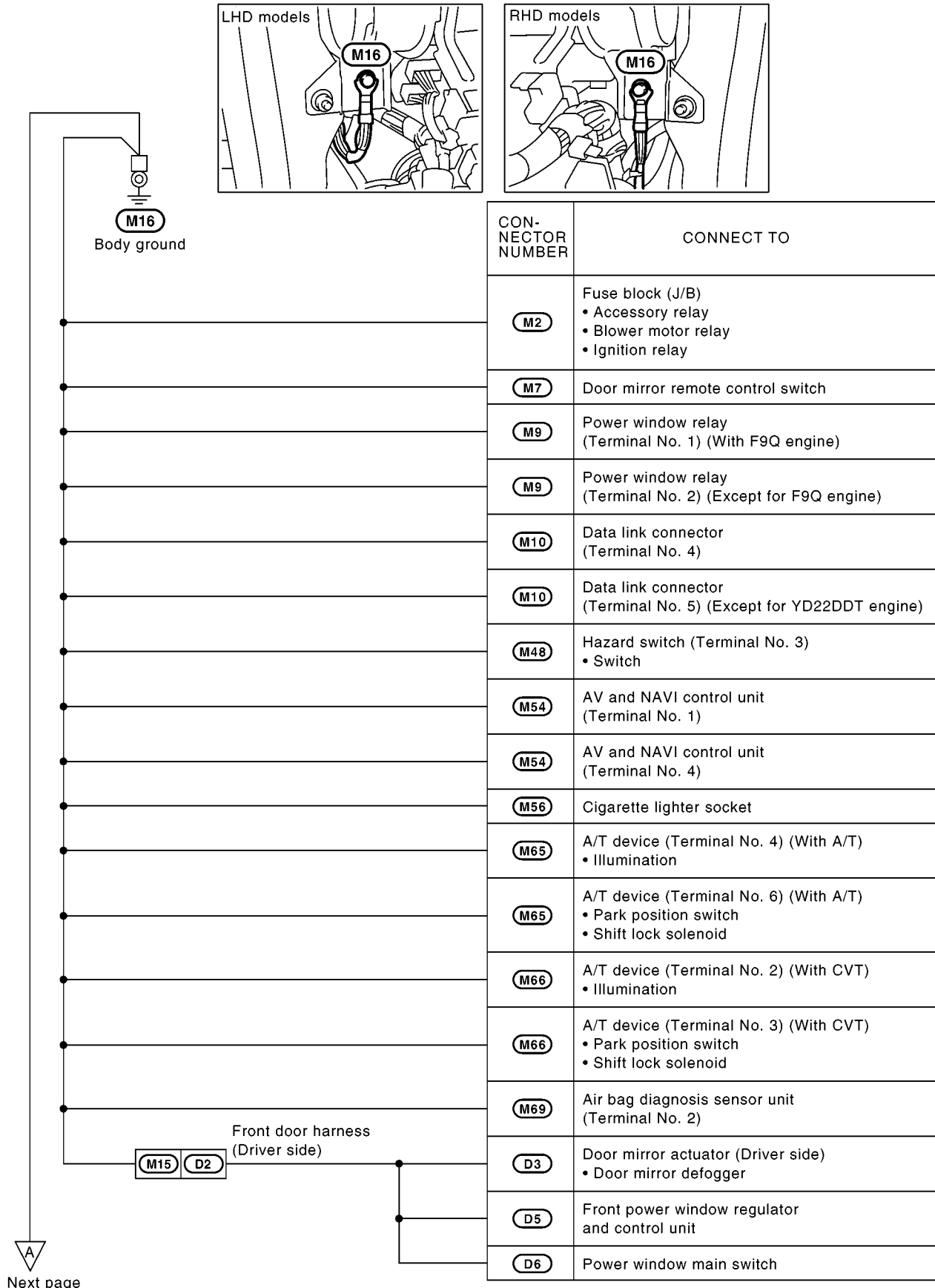
GROUND

GROUND

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Ground Distribution MAIN HARNESS

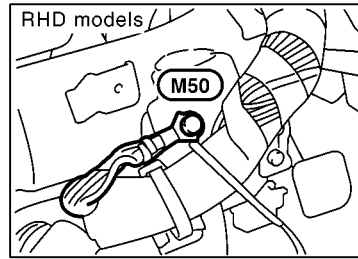
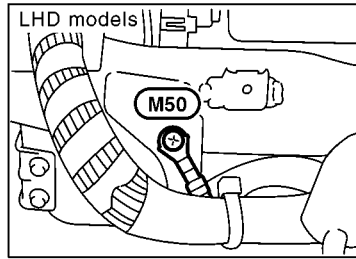
EKS00A0C



MAWA1174E

GROUND

Preceding page



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	A/C auto 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
Next page



L (With QR
engine) **M** (With QG
engine)

To engine control harness

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MAWA1175E

GROUND

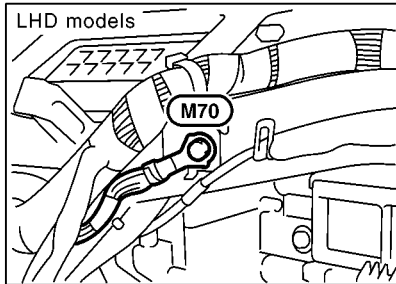
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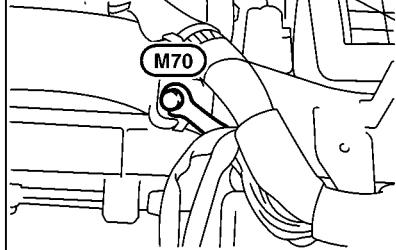
M67 M101

Console harness

LHD models



RHD models



M70

Body ground



Next page

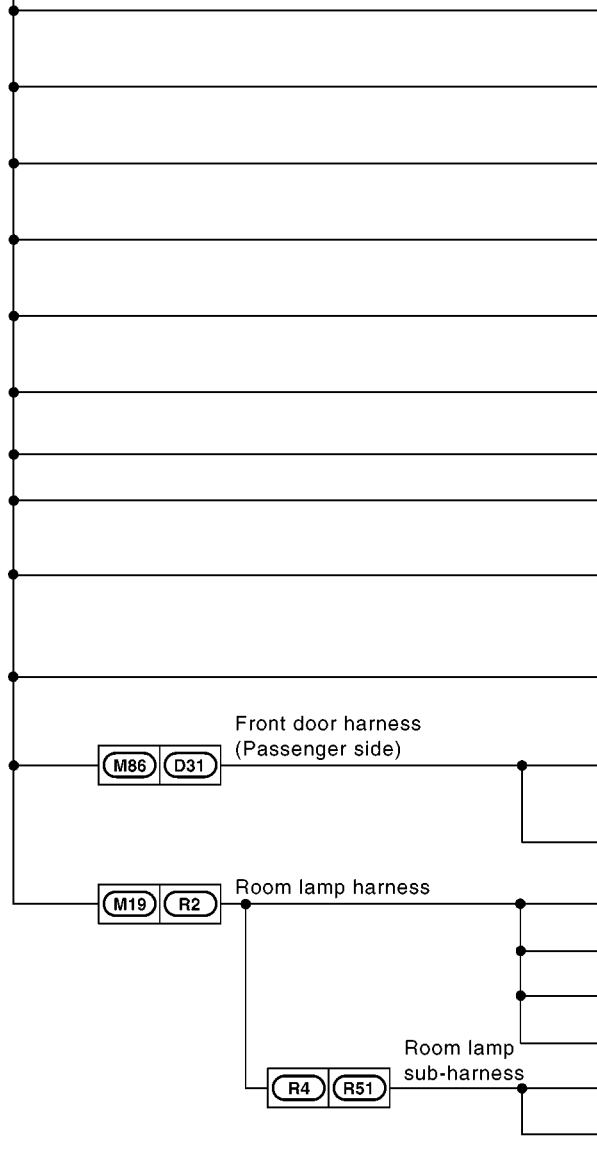
CON- NECTOR NUMBER	CONNECT TO
M102	Door lock/unlock switch • Switch • Illumination
M103	Heated seat switch RH (Terminal No. 4) • Switch
M103	Heated seat switch RH (Terminal No. 6) • Illumination
M104	Heated seat switch LH (Terminal No. 4) • Switch
M104	Heated seat switch LH (Terminal No. 6) • Illumination
M133	Oil level warning unit (With F9Q engine)

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

MAWA1176E

GROUND

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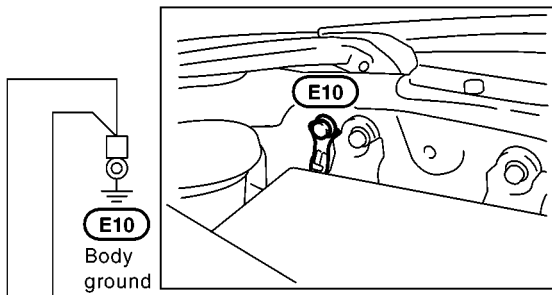
CON- NECTOR NUMBER	CONNECT TO
M61	Display unit (Terminal No. 1) (With LCD monitor)
M61	Display unit (Terminal No. 3) (With LCD monitor)
M63	Display (Terminal No. 22) (With navigation system)
M63	Display (Terminal No. 24) (With navigation system)
M65	A/T device (Terminal No. 2) (With A/T) • Overdrive control switch
M66	A/T device (Terminal No. 11) (With CVT) • Manual mode switch
M71	Glove box lamp
M97	Telephone sub-harness
M129	Tyre pressure monitoring control unit (Terminal No. 2) (LHD models with YD22DDTi and F9Q engine)
M129	Tyre pressure monitoring control unit (Terminal No. 10) (LHD models with YD22DDTi and F9Q engine)
D32	Door mirror actuator (Passenger side) • Door mirror defogger
D35	Front power window switch (Passenger side) • Illumination
R5	Vanity mirror LH (RHD models)
R8	Inside mirror
R9	Rain sensor
R10	Vanity mirror RH (LHD models)
R52	Ultrasonic sensor
R53	Spot lamp

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MAWA1177E

GROUND

ENGINE ROOM HARNESS



E10
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 , YD22DDT and YD22DDTi engine)
E14	Headlamp LH relay (Xenon type)
E16	Cooling fan relay-4 (LHD models with QR , YD22DDT and YD22DDTi engine)
E20	Headlamp RH relay (Xenon type)
E22	Front fog lamp relay
E23	Front wiper motor (With F9Q engine)
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 and F9Q engine) <ul style="list-style-type: none"> • Front wiper switch
E112	Combination switch (Terminal No. 24) (RHD models and F9Q engine) <ul style="list-style-type: none"> • Rear wiper switch
E115	Combination switch <ul style="list-style-type: none"> • Turn signal switch

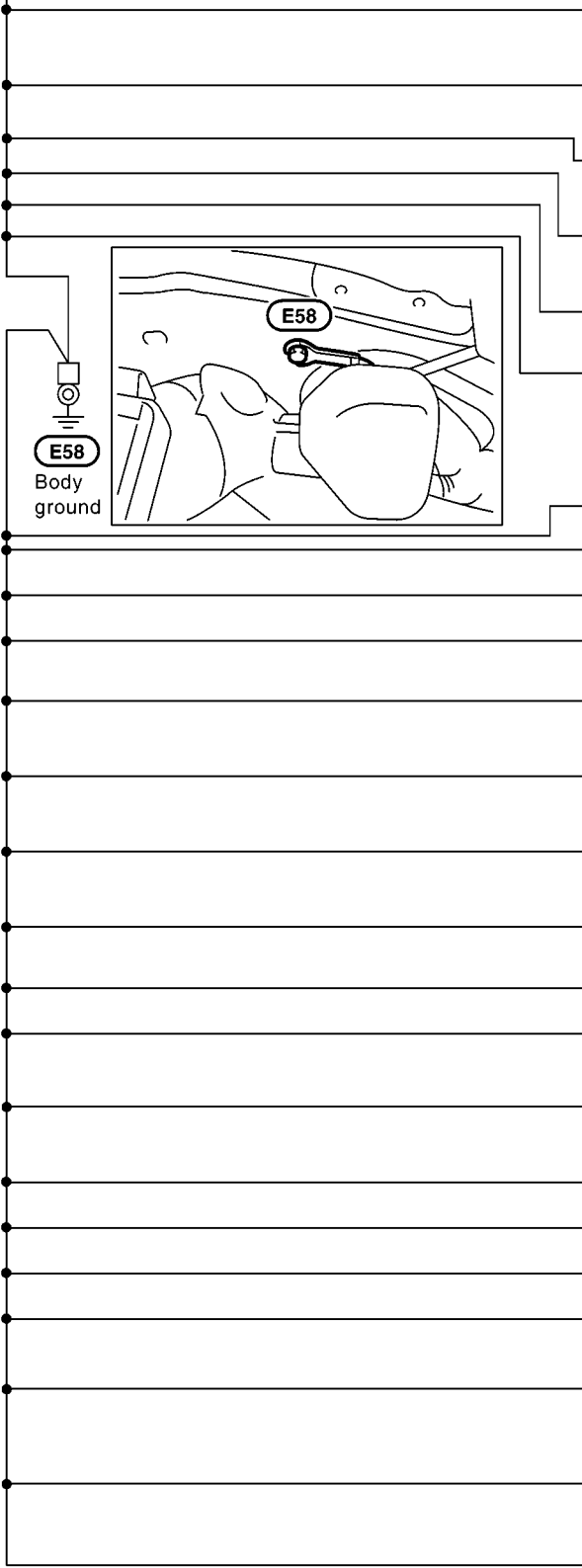


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MAWA1178E

GROUND

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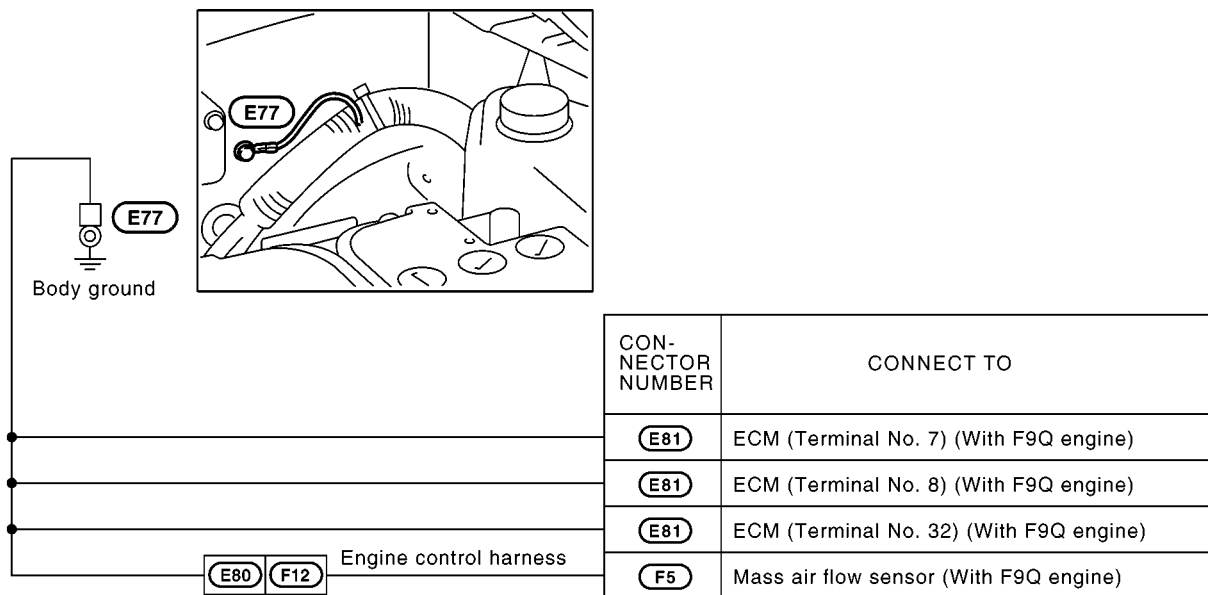
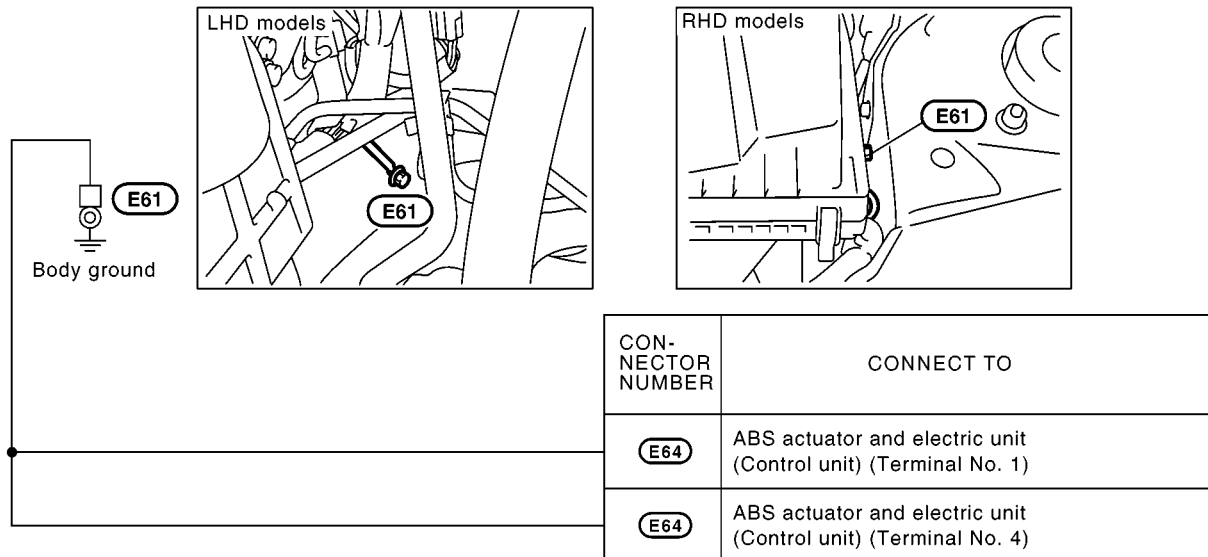
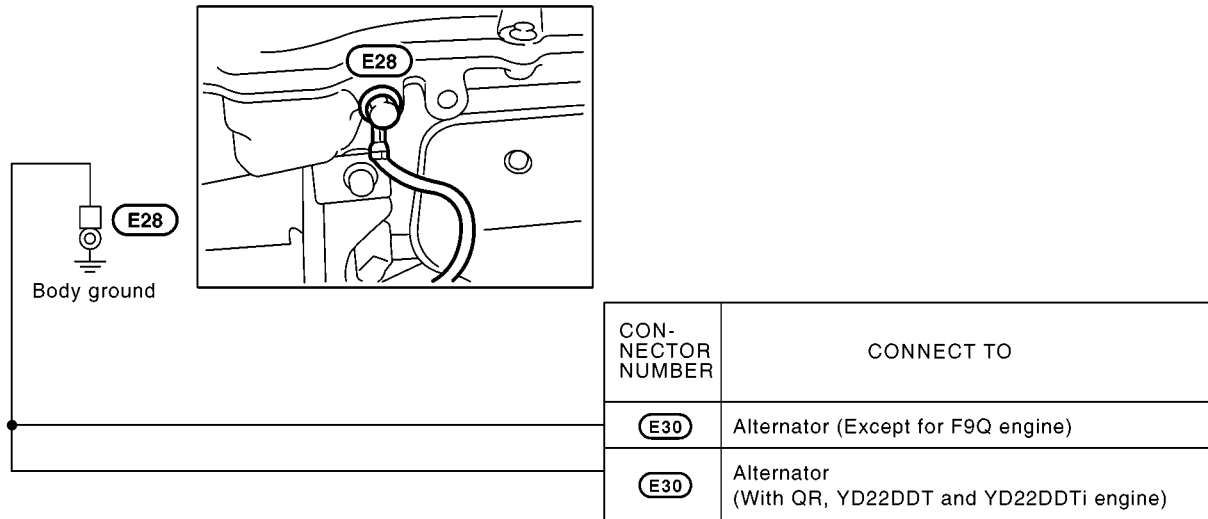


CON- NECTOR NUMBER	CONNECT TO
E12	Cooling fan relay-2 (RHD models with QR, YD22DDT and YD22DDTi engine)
E16	Cooling fan relay-4 (RHD models with QR, YD22DDT and YD22DDTi engine)
E41	Cooling fan motor-2 (LHD models with QR, YD22DDT and YD22DDTi engine)
E42	Cooling fan motor-2 (LHD models with QG engine)
E44	Cooling fan motor-1 (RHD models with QG engine)
E97	Cooling fan motor (With F9Q engine)

CON- NECTOR NUMBER	CONNECT TO
E3	Brake fluid level switch (LHD models)
E6	Front fog lamp RH
E23	Front wiper motor (Except for F9Q engine)
E26	Headlamp RH (Conventional type)
E26	Headlamp RH (Terminal No. 3) (Xenon type)
E41	Cooling fan motor-2 (RHD models with QR, YD22DDT and YD22DDTi 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
E82	Sedimenta (With F9Q engine)
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 except for F9Q engine) <ul style="list-style-type: none"> • Rear wiper switch
E122	Daytime light control unit (With daytime light system)

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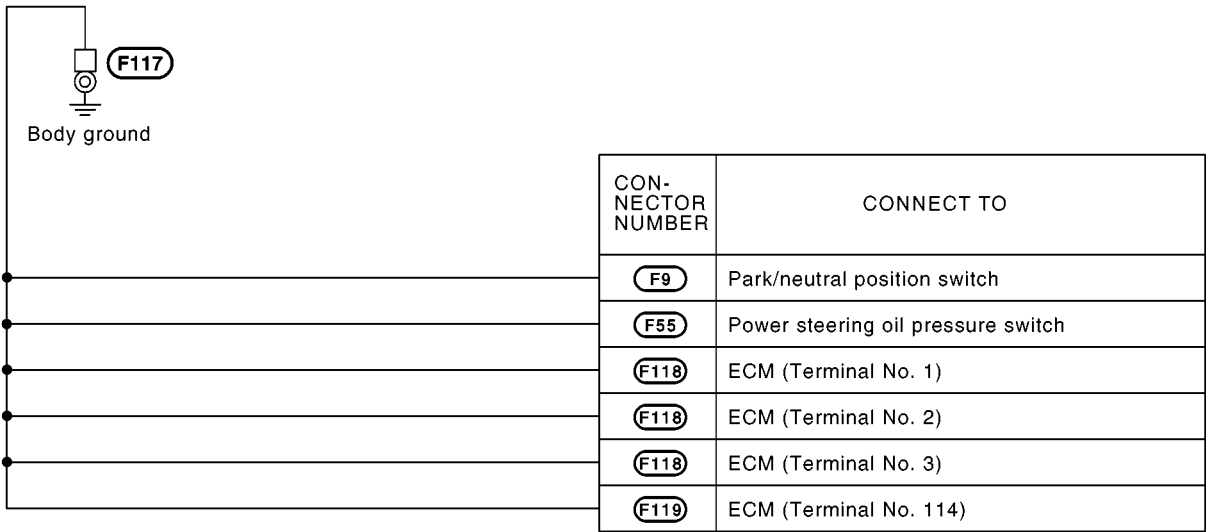
GROUND



MAWA1180E

GROUND

ENGINE CONTROL HARNESS/YD22DDTI ENGINE MODELS



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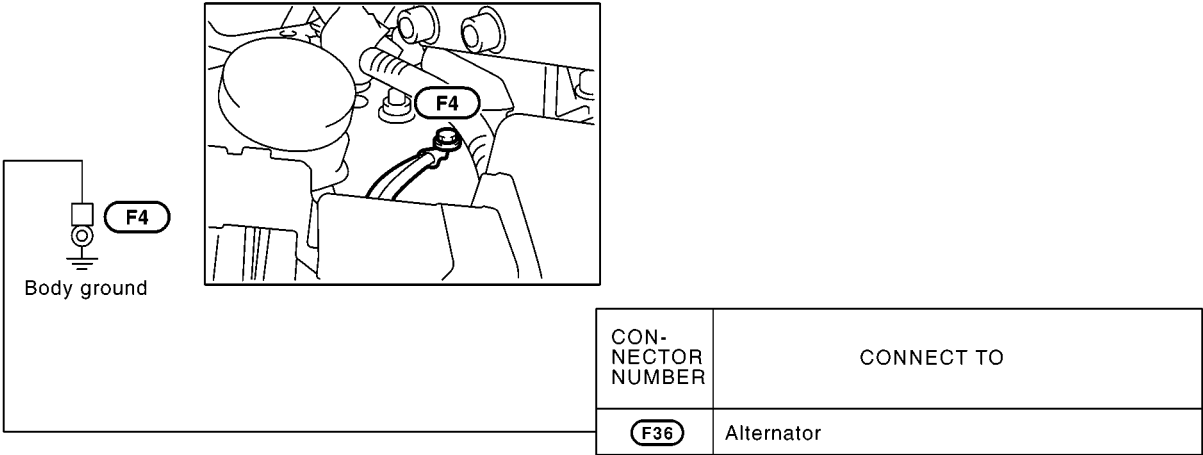
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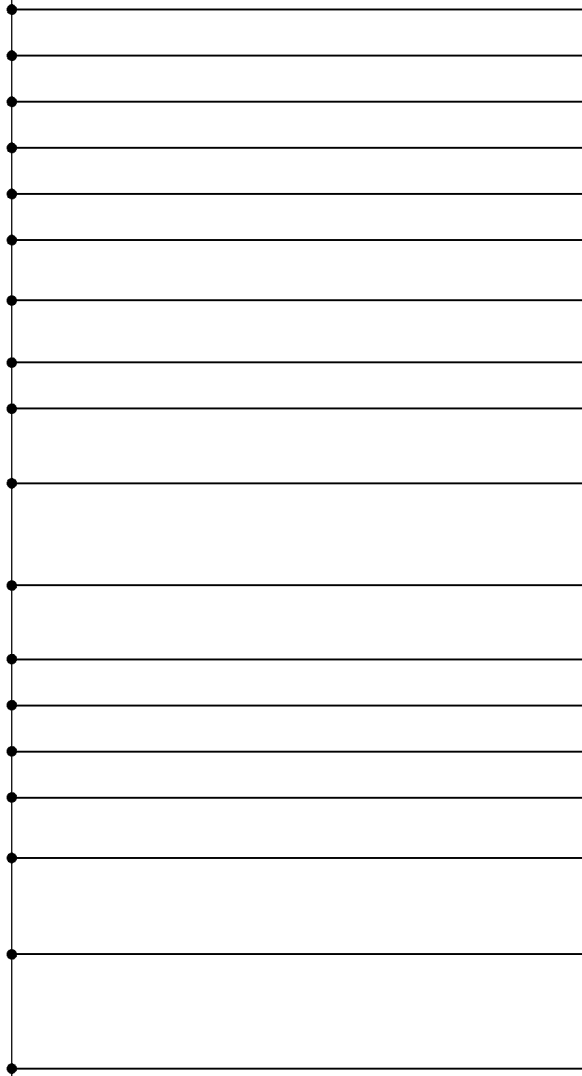
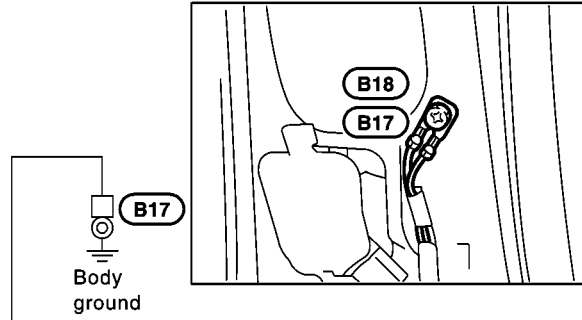
GROUND

ENGINE CONTROL HARNESS/F9Q ENGINE MODELS



GROUND

BODY HARNESS/LHD MODELS

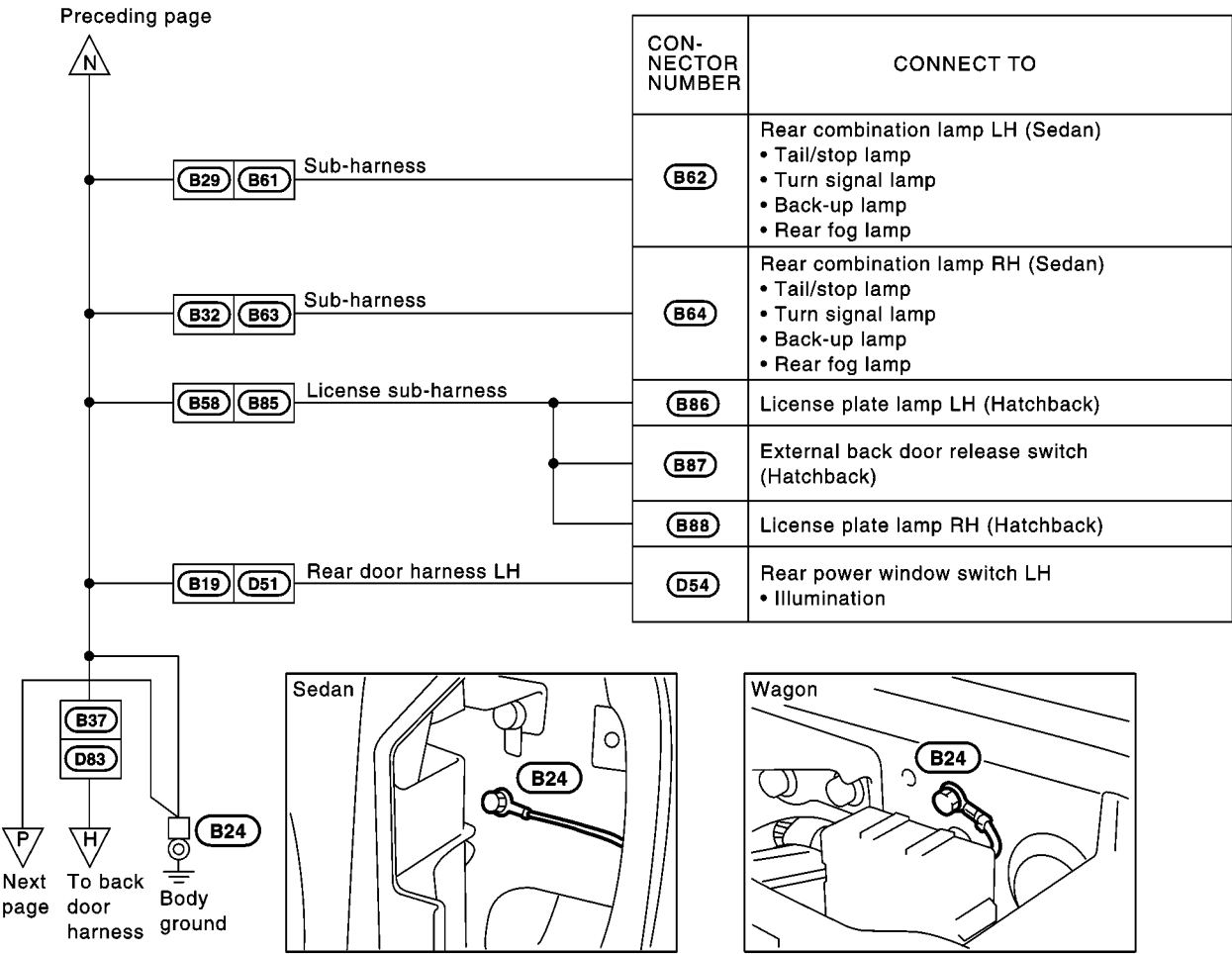


CON- NECTOR NUMBER	CONNECT TO
B9	ICC unit (Terminal No. 19) (With CVT)
B9	ICC unit (Terminal No. 20) (With CVT)
B10	ICC unit (Terminal No. 46) (With CVT)
B11	Heated seat LH
B12	Seat belt buckle switch LH
B13	Power seat LH
B22	Fuel level sensor unit and fuel pump • Fuel pump
B28	High-mounted stop lamp (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

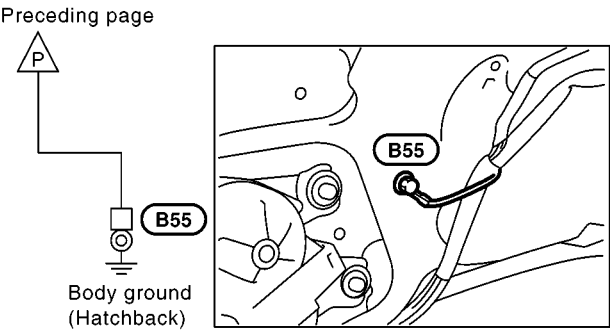
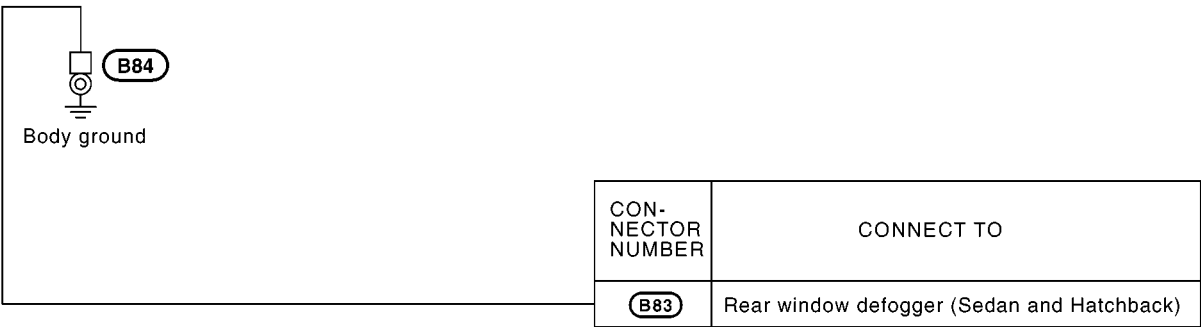
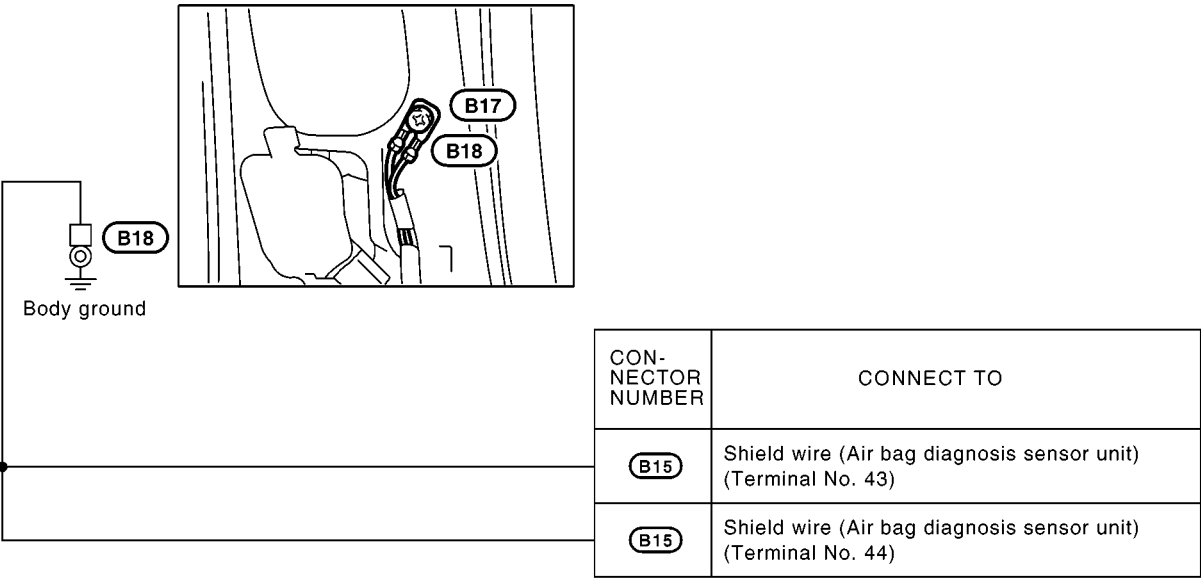


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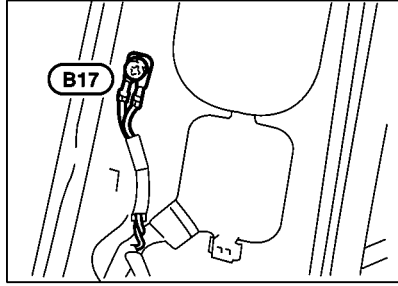
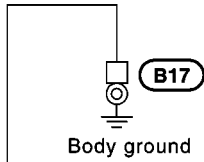


GROUND



GROUND

BODY HARNESS/RHD 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 RH
	B12	Seat belt buckle switch RH
	B13	Power seat RH
	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
	B40	Rear power socket (Wagon)
	B41	Rear power socket relay (Wagon)
	B44	Rear view camera control unit
	B46	Siren control unit
	B49	Sub woofer

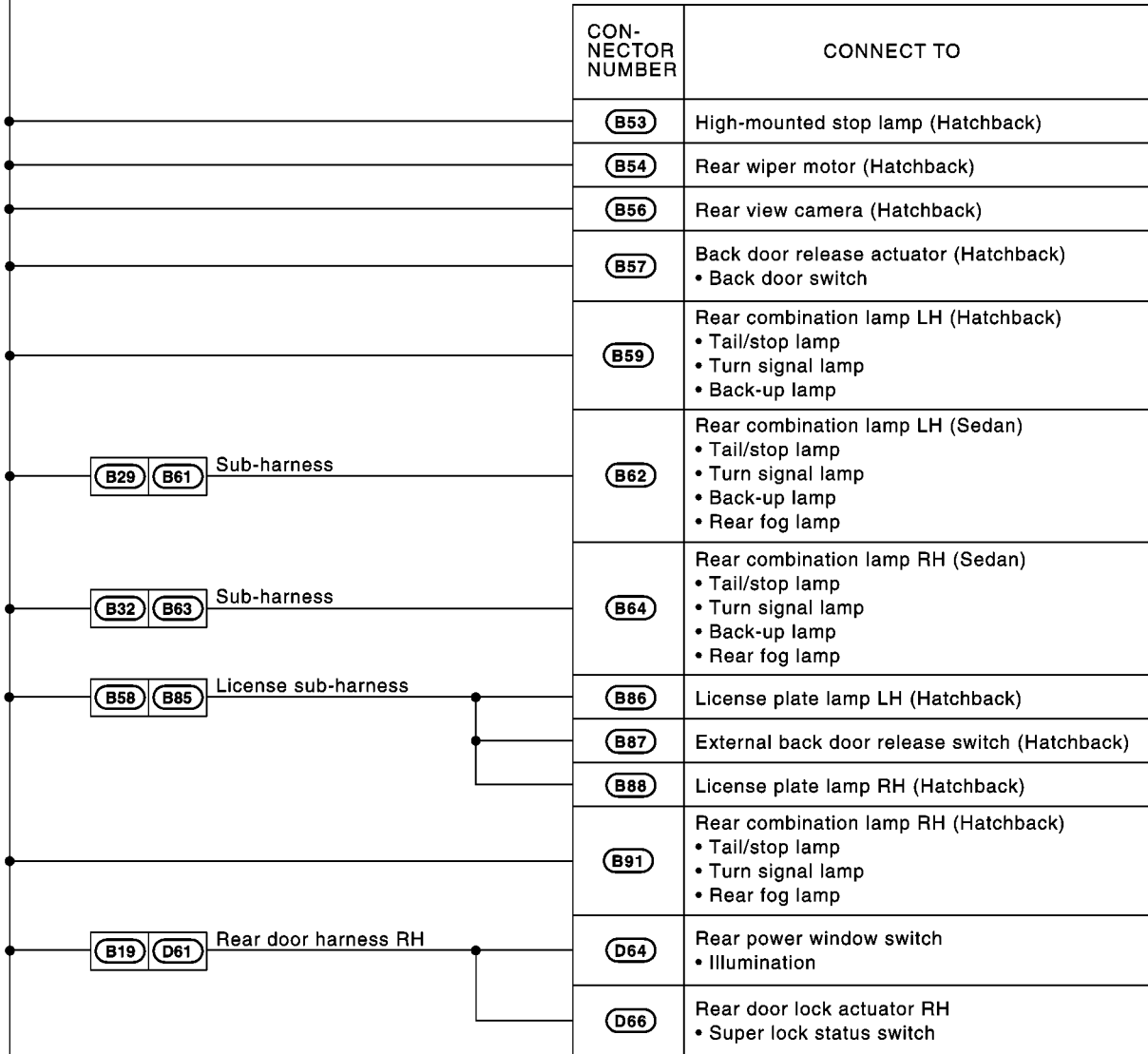


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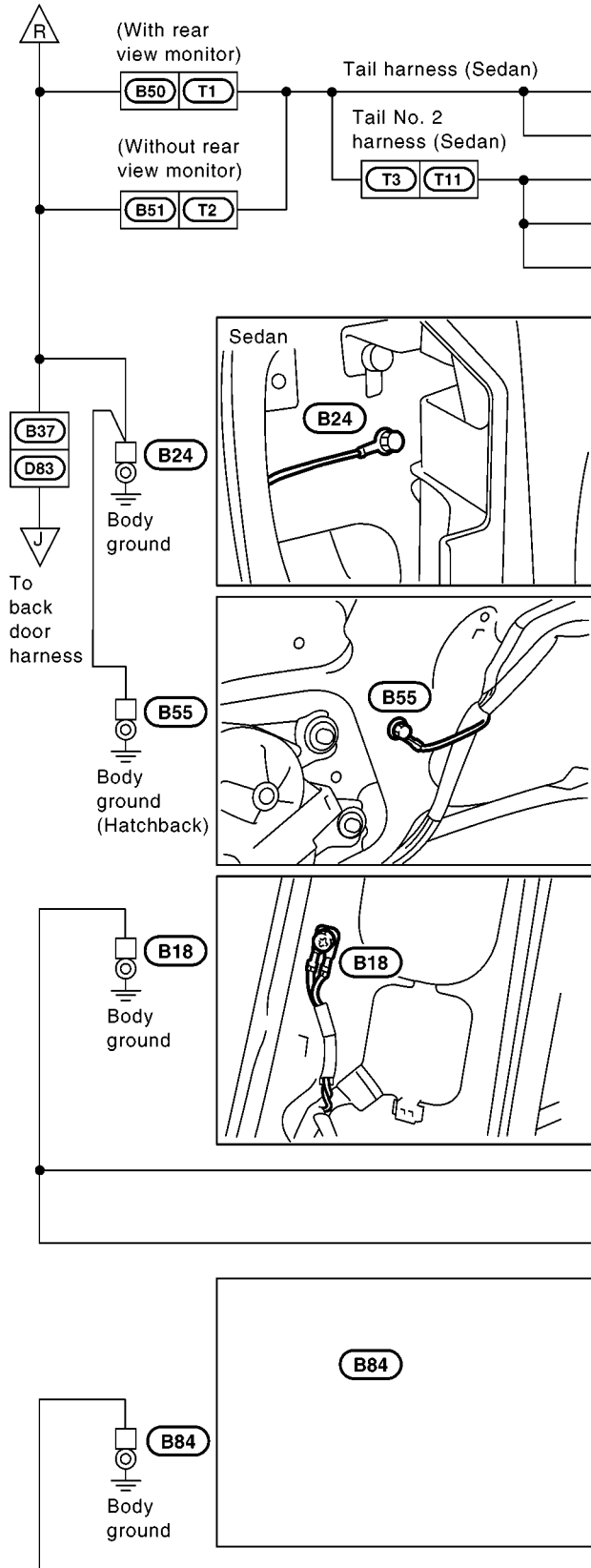
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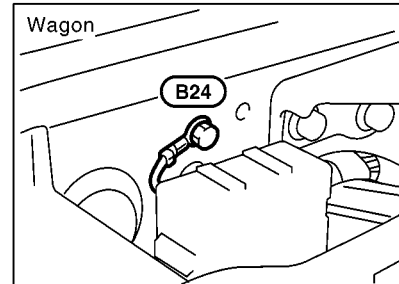
MKWA0719E

GROUND

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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)



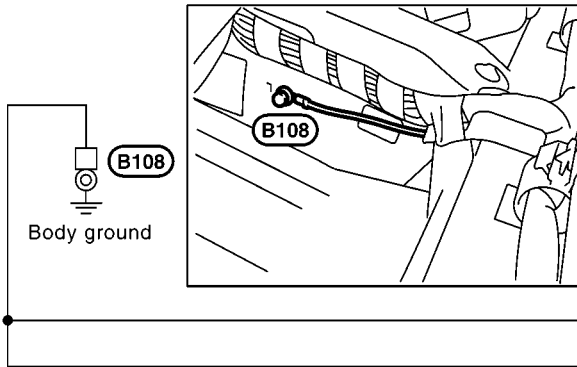
CON-NECTOR NUMBER	CONNECT TO
B15	Shield wire (Air bag diagnosis sensor unit) (Terminal No. 39)
B15	Shield wire (Air bag diagnosis sensor unit) (Terminal No. 40)

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

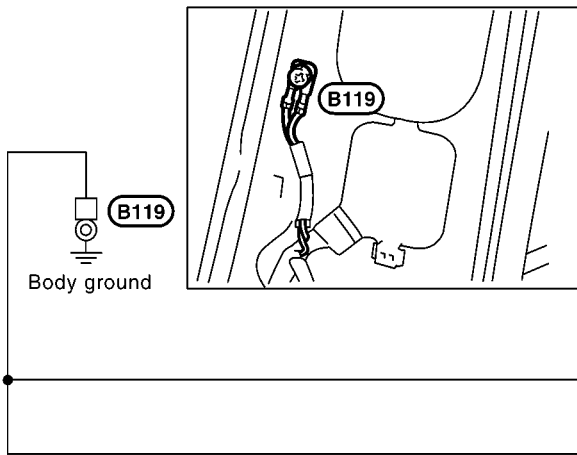
MAWA1184E

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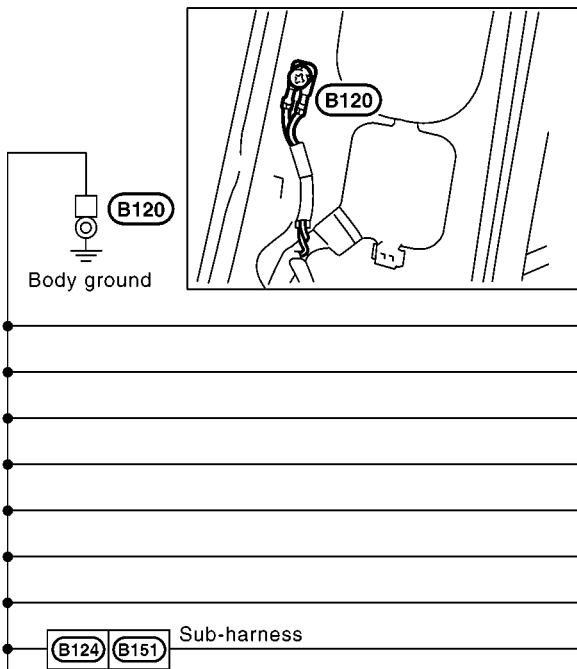
BODY NO.2 HARNESS/LHD MODELS



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)



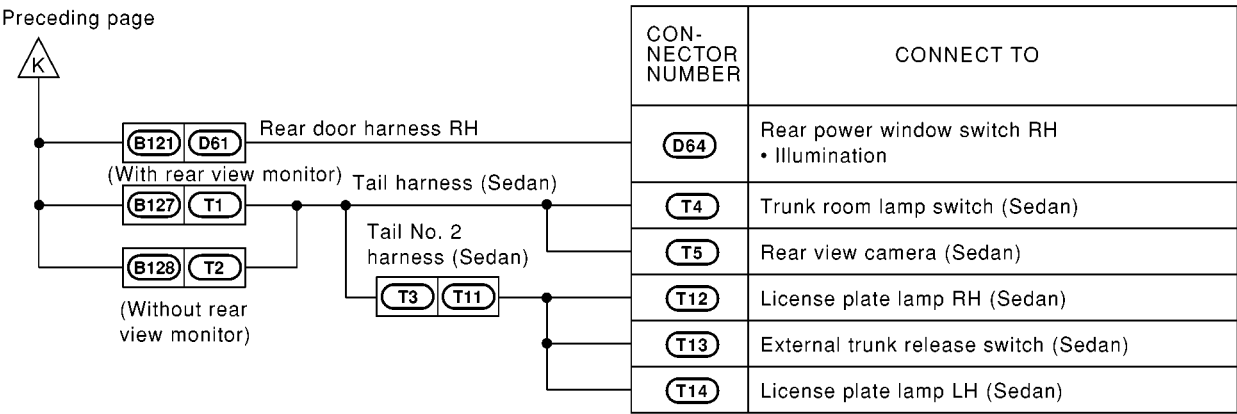
CON- NECTOR NUMBER	CONNECT TO
B111	Seat belt buckle switch RH
B112	Power seat RH
B113	Heated seat RH
B129	Siren control unit
B130	Rear view camera control unit
B137	Rear power socket (Wagon)
B140	Sub woofer
B152	Height sensor

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MAWA1185E

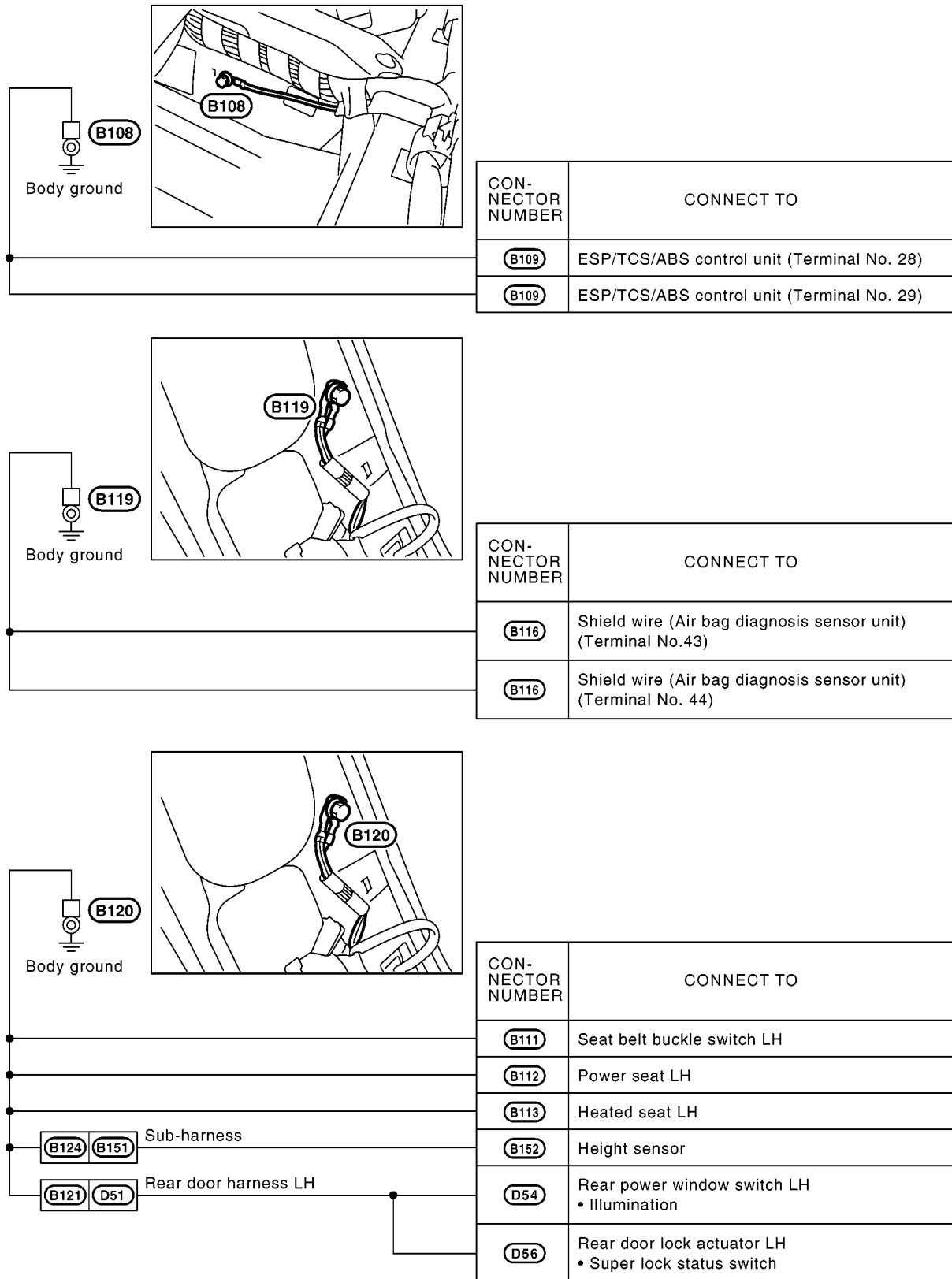
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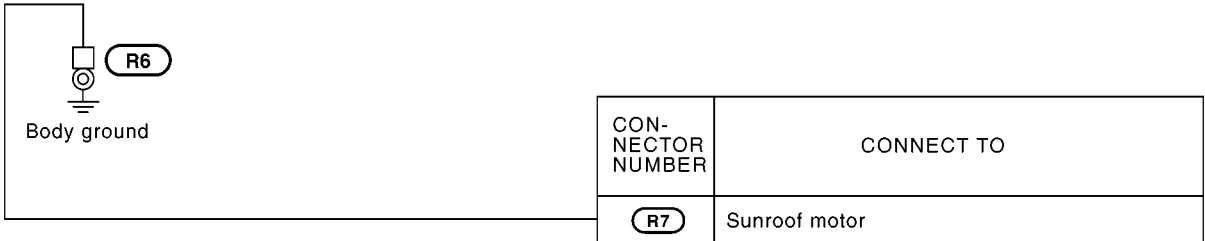
BODY NO.2 HARNESS/RHD MODELS



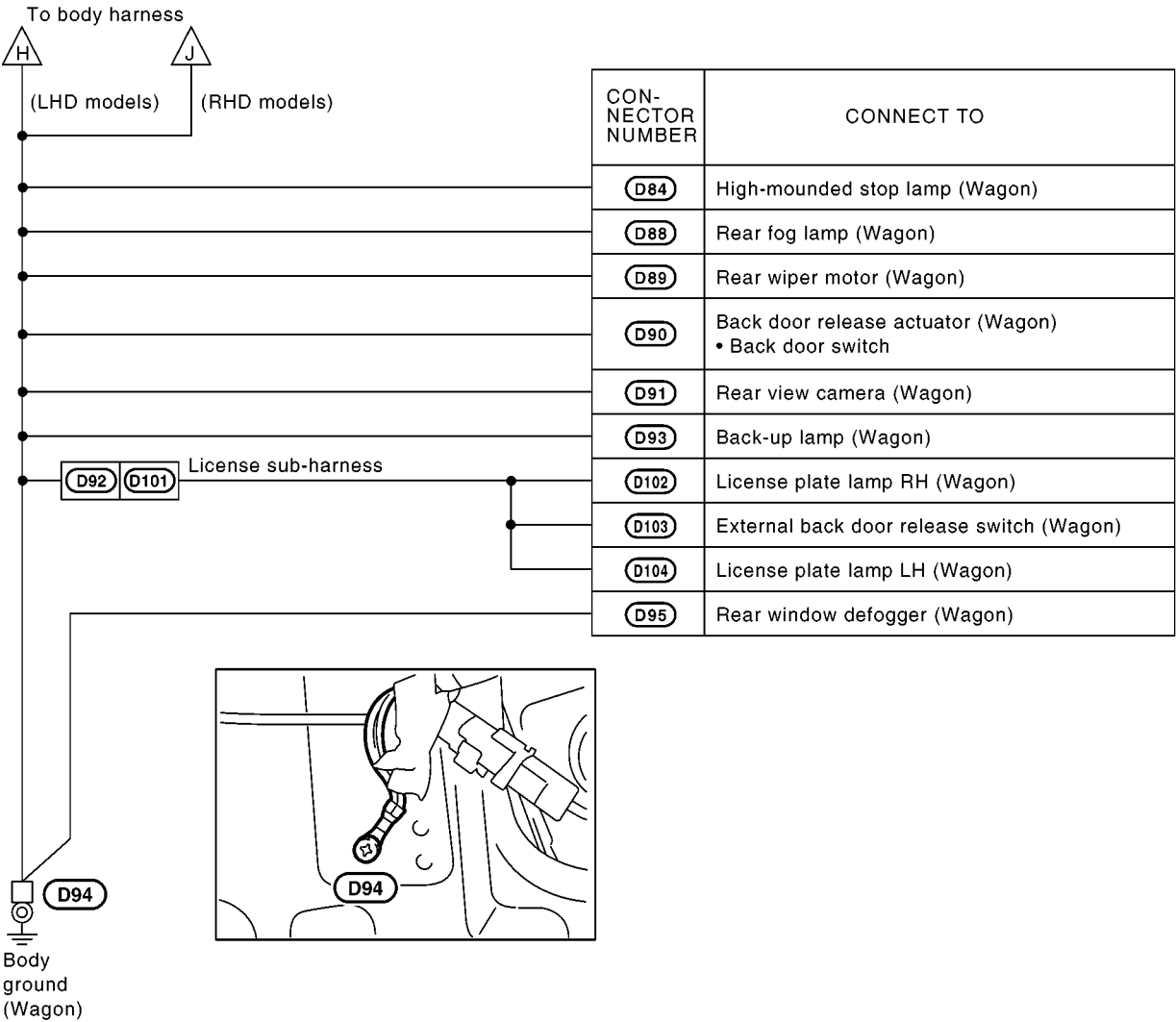
MAWA1186E

GROUND

ROOM LAMP HARNESS



BACK DOOR HARNESS



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HARNESS

PFP:00011

Harness Layout
HOW TO READ HARNESS LAYOUTS

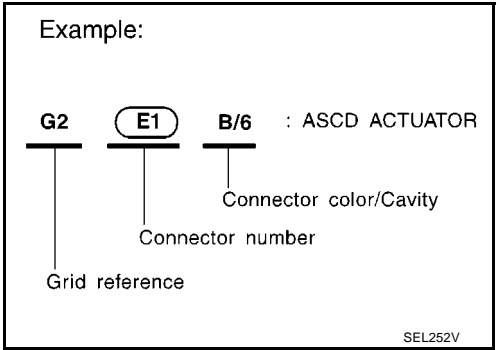
EKS00A00

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

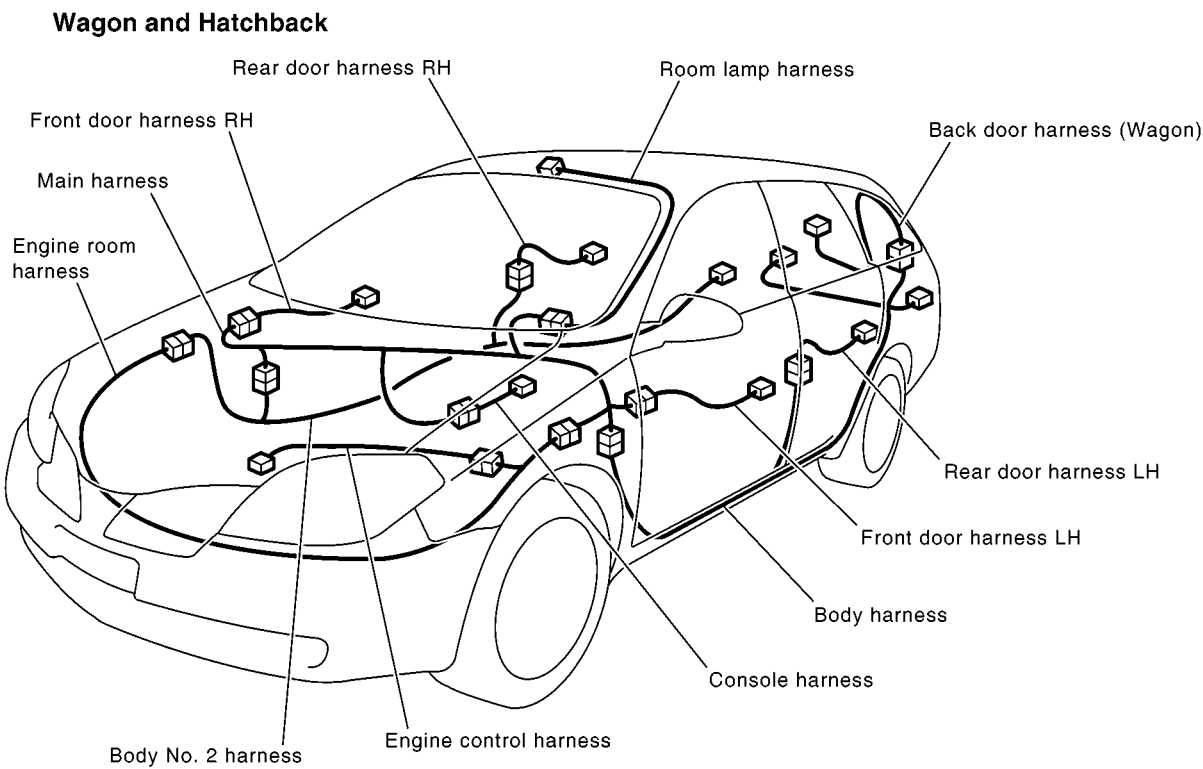
Main symbols of connector (in Harness Layout) are indicated in the below.

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.	—			

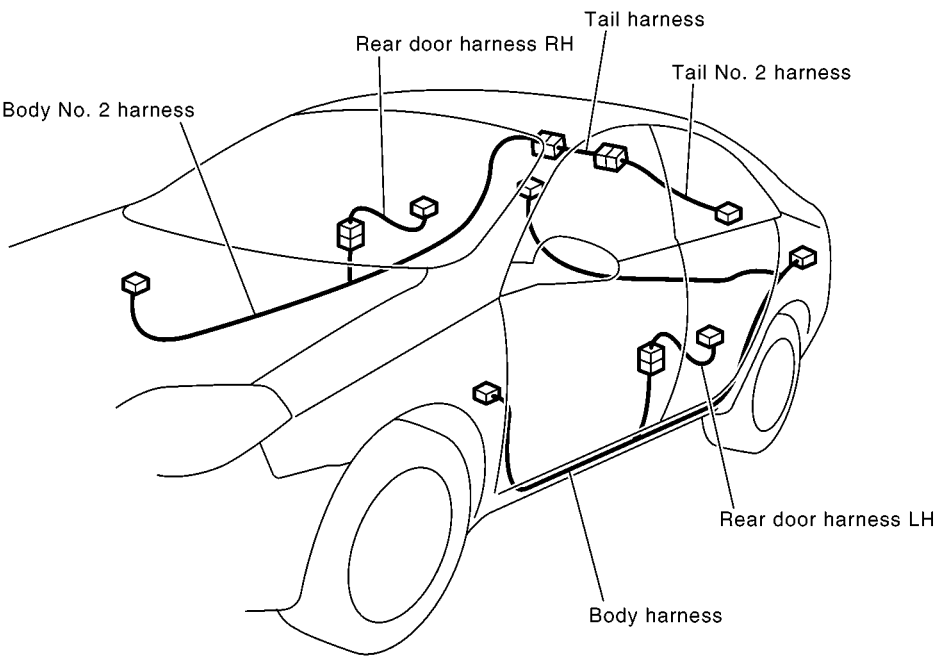
SKIA0404E

HARNESS

OUTLINE/LHD MODELS



Sedan

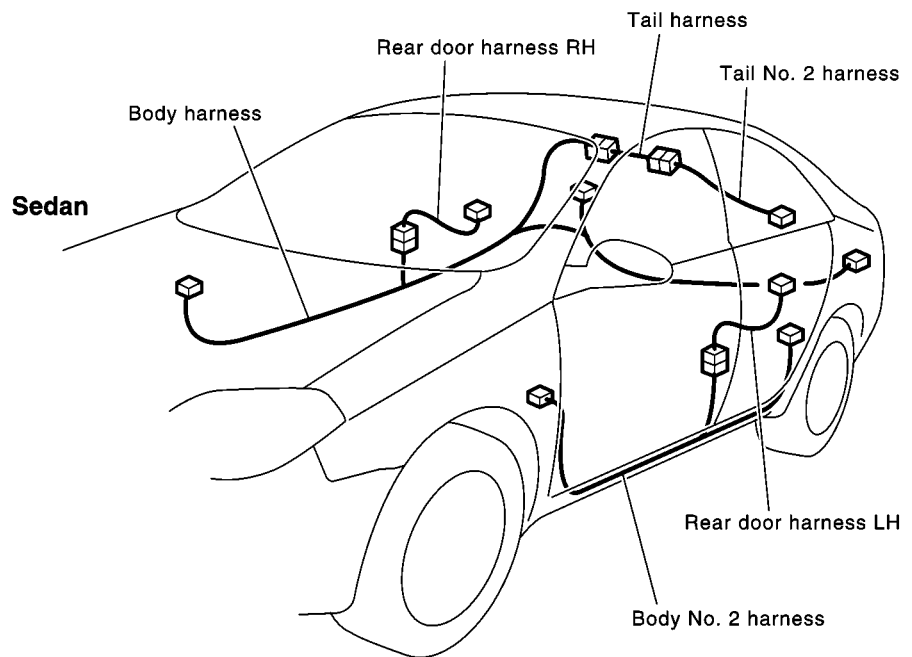
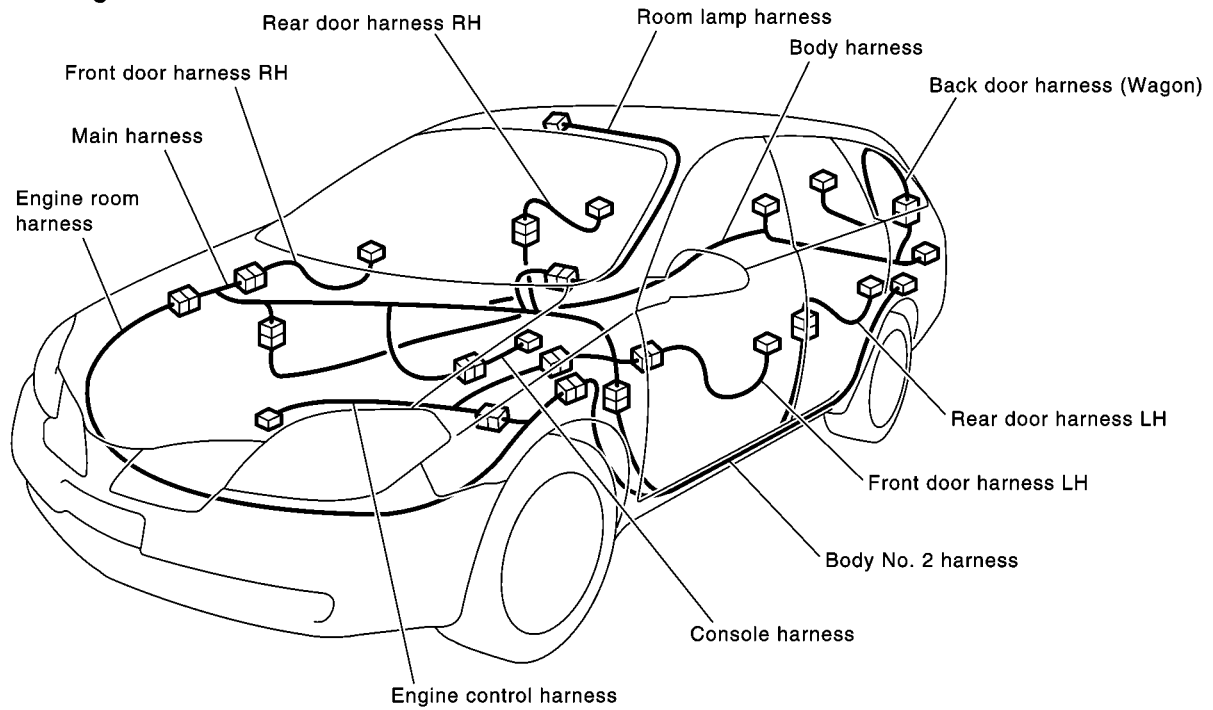


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HARNESS

OUTLINE/RHD MODELS

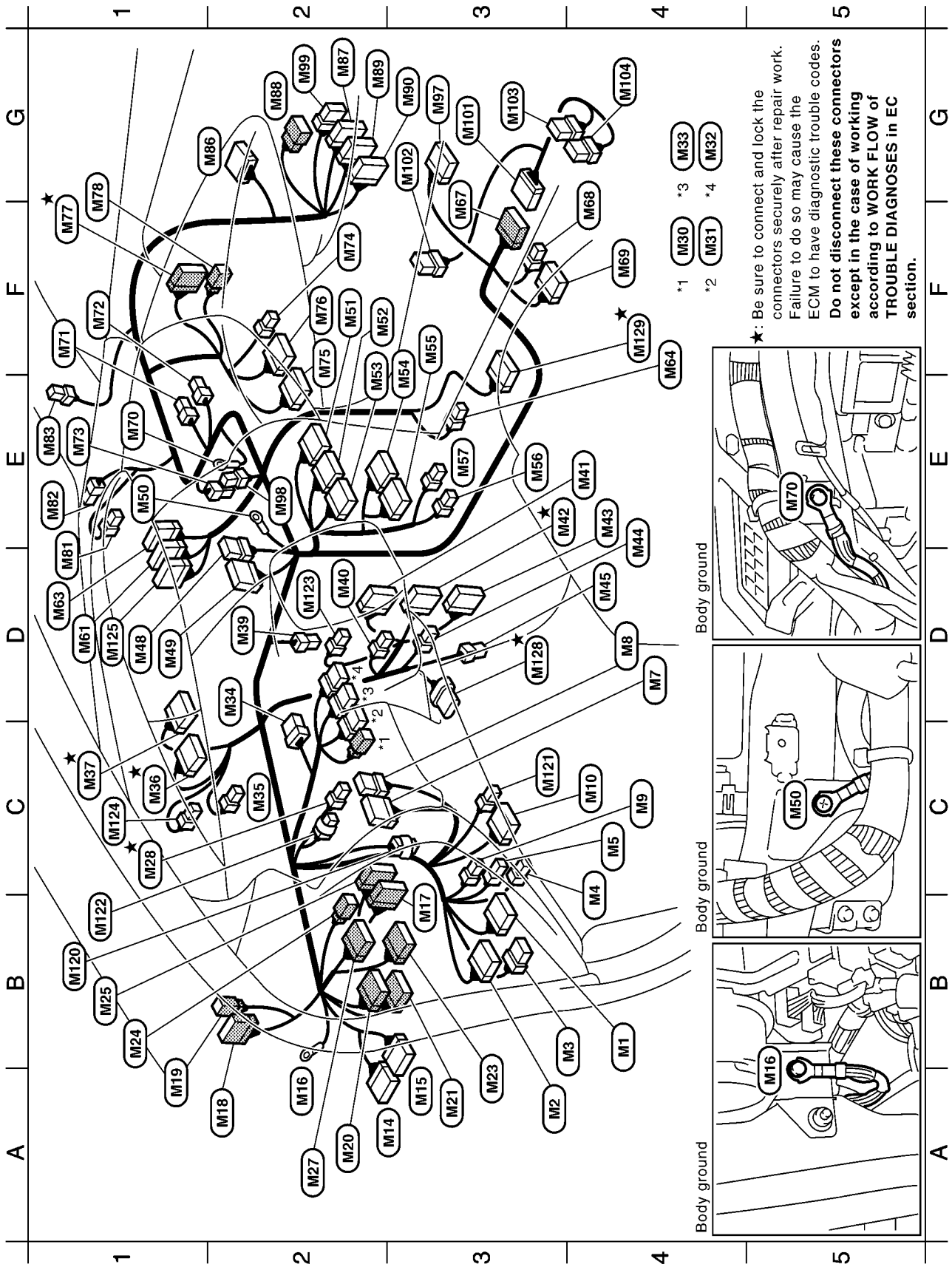
Wagon and Hatchback



MKWA0760E

HARNESS

MAIN HARNESS/LHD MODELS WITH YD22DDTI ENGINE



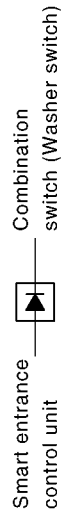
MAWA0005E

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/4	: Fan control amp.	G2	(M87)	W/24	: To (B10)
D4	(M7)	W/10	: Door mirror remote control switch	D1	(M48)	W/8	: Hazard switch	G2	(M88)	W/6	: After market alarm
D4	(M8)	GY/6	: ESP off switch (With ESP)	D1	(M49)	W/16	: Multi function switch	G2	(M89)	W/16	: To (B102)
C4	(M9)	L/4	: Power window relay	E1	(M50)	-	: Body ground	G3	(M90)	W/12	: To (B103) (With ESP)
C4	(M10)	W/16	: Data link connector	F2	(M51)	W/12	: Audio unit	G3	(M97)	W/12	: Telephone sub-harness
A2	(M14)	W/12	: To (D1)	F2	(M52)	W/12	: Audio unit (With CD auto-changer)	E2	(M98)	W/2	: Microphone
A3	(M15)	W/16	: To (D2)	E2	(M53)	W/24	: Audio unit	G2	(M99)	W/6	: To (B139)
A2	(M16)	-	: Body ground	E3	(M54)	W/24	: AV and NAVI control unit (With navigation system)	B1	(M120)	L/2	: ASCD clutch switch (With ASCD)
B3	(M17)	W/12	: To (E123)	F3	(M55)	GY/24	: AV and NAVI control unit (With navigation system)	C3	(M121)	BR/2	: Pre-display unit (With LCD monitor)
A2	(M18)	W/12	: To (R1)	E3	(M56)	B/2	: Cigarette lighter socket	B1	(M122)	BR/2	: ASCD brake switch (With ASCD)
A1	(M19)	W/3	: To (R2)	E3	(M57)	W/2	: Ashtray illumination	D2	(M123)	B/2	: Diode (With headlamp washer)
A2	(M20)	BR/16	: To (B2)	D1	(M61)	BR/24	: Display unit (Without navigation system)	C1	(M124)	W/3	: Flasher sounder
A3	(M21)	W/20	: To (B3)	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)	D3	(M129)	-/6	: Accelerator pedal position sensor
B1	(M24)	W/2	: To (E108)	F4	(M64)	W/2	: Intake sensor	F4	(M129)	-/15	: Tyre pressure monitoring control unit
B1	(M25)	W/16	: To (E124)	G3	(M67)	W/12	: To (M101)	Console harness			
A2	(M27)	W/16	: To (E109)	G4	(M68)	B/1	: Parking brake switch	G3	(M101)	W/12	: To (M67)
C1	(M28)	B/2	: Stop lamp switch	F4	(M69)	Y/20	: Air bag diagnosis sensor unit	G3	(M102)	GY/6	: Door lock/unlock switch
F4	(M30)	W/2	: Key switch	E1	(M70)	-	: Body ground	G3	(M103)	BR/6	: Heated seat switch RH (With heated seat)
F4	(M31)	Y/6	: Spiral cable	F1	(M71)	W/2	: Glove box lamp	G4	(M104)	W/6	: Heated seat switch LH (With heated seat)
G4	(M32)	GY/8	: Spiral cable	F1	(M72)	Y/2	: Front passenger air bag module				
G4	(M33)	W/8	: Steering angle sensor (With ESP)	E1	(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.				
C1	(M37)	Y/26	: Combination meter	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								

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

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

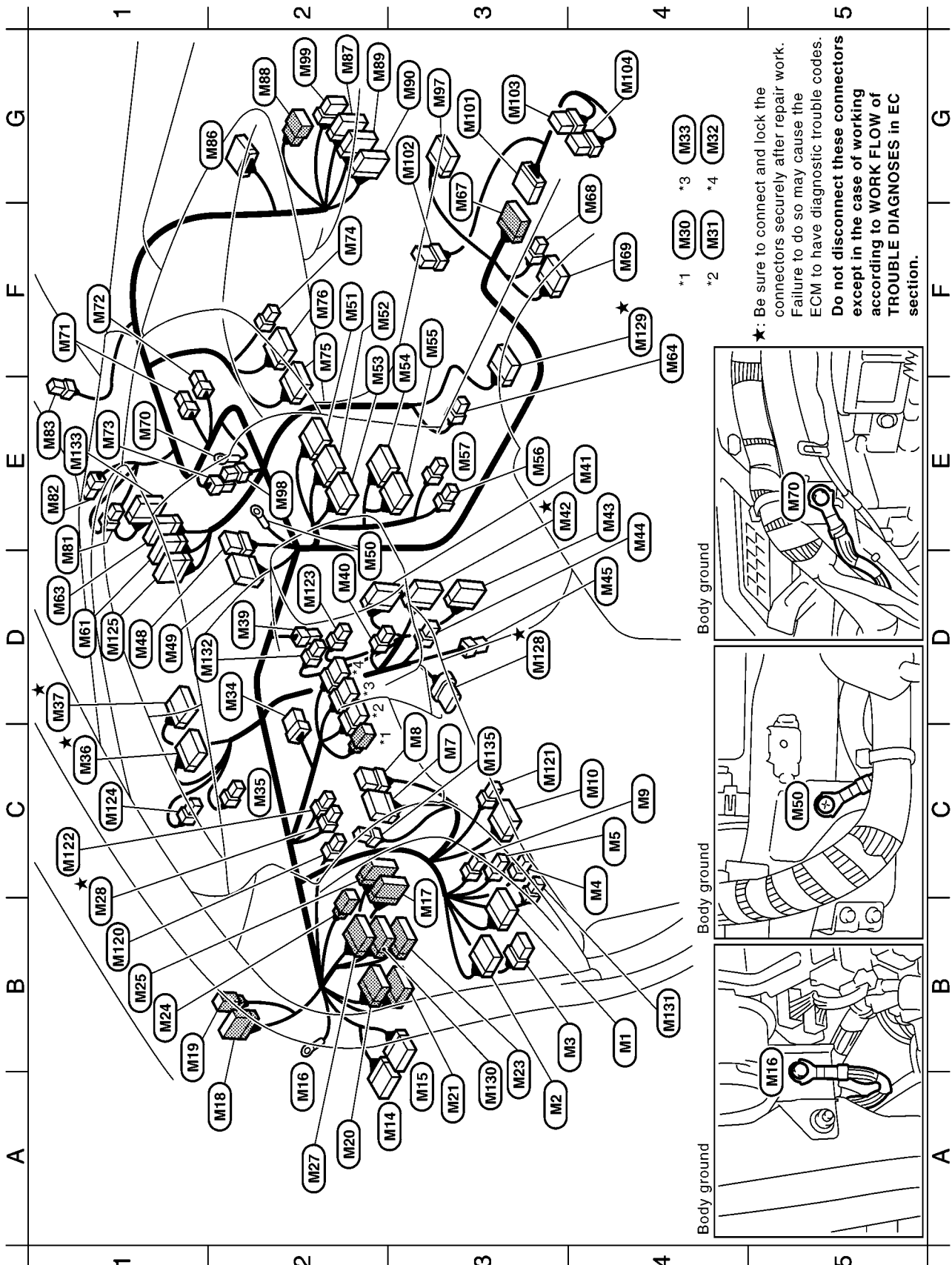
Diode (M123)



Smart entrance control unit ———> Combination switch (Washer switch)

HARNESS

MAIN HARNESS/LHD MODELS WITH F9Q ENGINE

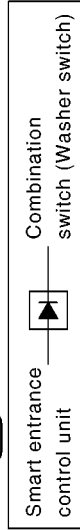


B4	(M1)	W/16	: Fuse block (J/B)	D1	(M49)	W/16	: Multi function switch	E2	(M98)	W/2	: Microphone
A3	(M2)	W/12	: Fuse block (J/B)	D2	(M50)	—	: Body ground	G2	(M99)	W/6	: To (B139) (Without ESP)
B3	(M3)	W/6	: Fuse block (J/B)	F2	(M51)	W/12	: Audio unit	B1	(M120)	B/2	: ASCD clutch switch
C4	(M4)	W/2	: Circuit breaker-1	F2	(M52)	W/12	: Audio unit	C3	(M121)	BR/2	: Pre-display unit (With LCD monitor)
C4	(M5)	W/2	: Circuit breaker-2	E2	(M53)	W/24	: Audio unit	C1	(M122)	BR/2	: ASCD brake switch
C3	(M7)	W/10	: Door mirror remote control switch	E3	(M54)	W/24	: AV and NAVI control unit (With navigation system)	D2	(M123)	B/2	: Diode
C3	(M8)	GY/6	: ESP off switch	F3	(M55)	GY/24	: AV and NAVI control unit (With navigation system)	C1	(M124)	W/3	: Flasher sounder
C4	(M9)	L/4	: Power window relay	E3	(M56)	B/2	: Cigarette lighter socket	D1	(M125)	W/16	: Display unit (With LCD monitor)
C4	(M10)	W/16	: Data link connector	E3	(M57)	W/2	: Ashtray illumination	D3	(M128)	-/6	: Accelerator pedal position sensor
A2	(M14)	W/12	: To (D1)	D1	(M61)	BR/24	: Display unit (Without navigation system)	F4	(M129)	-/15	: Tyre pressure monitoring control unit (With tyre pressure monitoring system)
A3	(M15)	W/16	: To (D2)								
A2	(M16)	—	: Body ground								
B3	(M17)	W/12	: To (E123)	D1	(M63)	GY/24	: Display (With navigation system)	A3	(M130)	W/24	: To (E125)
A2	(M18)	W/12	: To (R1)	F4	(M64)	W/2	: Intake sensor	B4	(M131)	L/4	: Air conditioner relay
B1	(M19)	W/3	: To (R2)	G3	(M67)	W/12	: To (M101)	D2	(M132)	B/2	: Diode
A2	(M20)	BR/16	: To (B2)	G4	(M68)	B/1	: Parking brake switch	E1	(M133)	W/12	: Oil level warning unit
A3	(M21)	W/20	: To (B3)	F4	(M69)	Y/20	: Air bag diagnosis sensor unit	C3	(M135)	W/4	: ASCD off switch (With ASCD)
A3	(M23)	BR/20	: To (B5)	E1	(M70)	—	: Body ground				
B1	(M24)	W/2	: To (E108)	F1	(M71)	W/2	: Glove box lamp				
B1	(M25)	W/16	: To (E124)	F1	(M72)	Y/2	: Front passenger air bag module				
A2	(M27)	W/16	: To (E109)	E1	(M73)	W/3	: Intake door motor				
C1	(M28)	B/2	: Stop lamp switch	F2	(M74)	W/2	: Blower motor				
F4	(M30)	W/2	: Key switch	F2	(M75)	GY/20	: A/C auto amp.				
F4	(M31)	Y/6	: Spiral cable	F2	(M76)	GY/16	: A/C auto amp.	G4	(M104)	W/6	: Heated seat switch LH (With heated seat)
G4	(M32)	GY/8	: Spiral cable	E1	(M81)	B/2	: Seat belt warning lamp (Passenger side)				
G4	(M33)	W/8	: Steering angle sensor (With ESP)								
D2	(M34)	W/8	: NATS antenna amp.								
C2	(M35)	B/2	: Seat belt warning lamp (Driver side)	E1	(M82)	B/2	: Sunload sensor				
C1	(M36)	L/26	: Combination meter	E1	(M83)	BR/2	: Tweeter RH				
D1	(M37)	Y/26	: Combination meter	G2	(M86)	W/16	: To (D31)				
D2	(M39)	W/2	: In-vehicle sensor	G2	(M87)	W/24	: To (B101)				
D2	(M40)	W/3	: Air mix door motor	G2	(M88)	W/6	: After market alarm				
E4	(M41)	W/24	: Smart entrance control unit	G2	(M89)	W/16	: To (B102)				
E3	(M42)	GY/24	: Smart entrance control unit	G3	(M90)	W/12	: To (B103) (With ESP)				
E4	(M43)	GY/16	: Smart entrance control unit	G3	(M97)	W/12	: Telephone sub-harness				
E4	(M44)	W/3	: Mode door motor								
D4	(M45)	W/4	: Fan control amp.								
D1	(M48)	W/8	: Hazard switch								

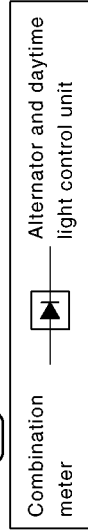
Console harness

G3	(M101)	W/12	: To (M67)
G3	(M102)	GY/6	: Door lock/unlock switch
G3	(M103)	BR/6	: Heated seat switch RH (With heated seat)
G4	(M104)	W/6	: Heated seat switch LH (With heated seat)

Diode (M123)



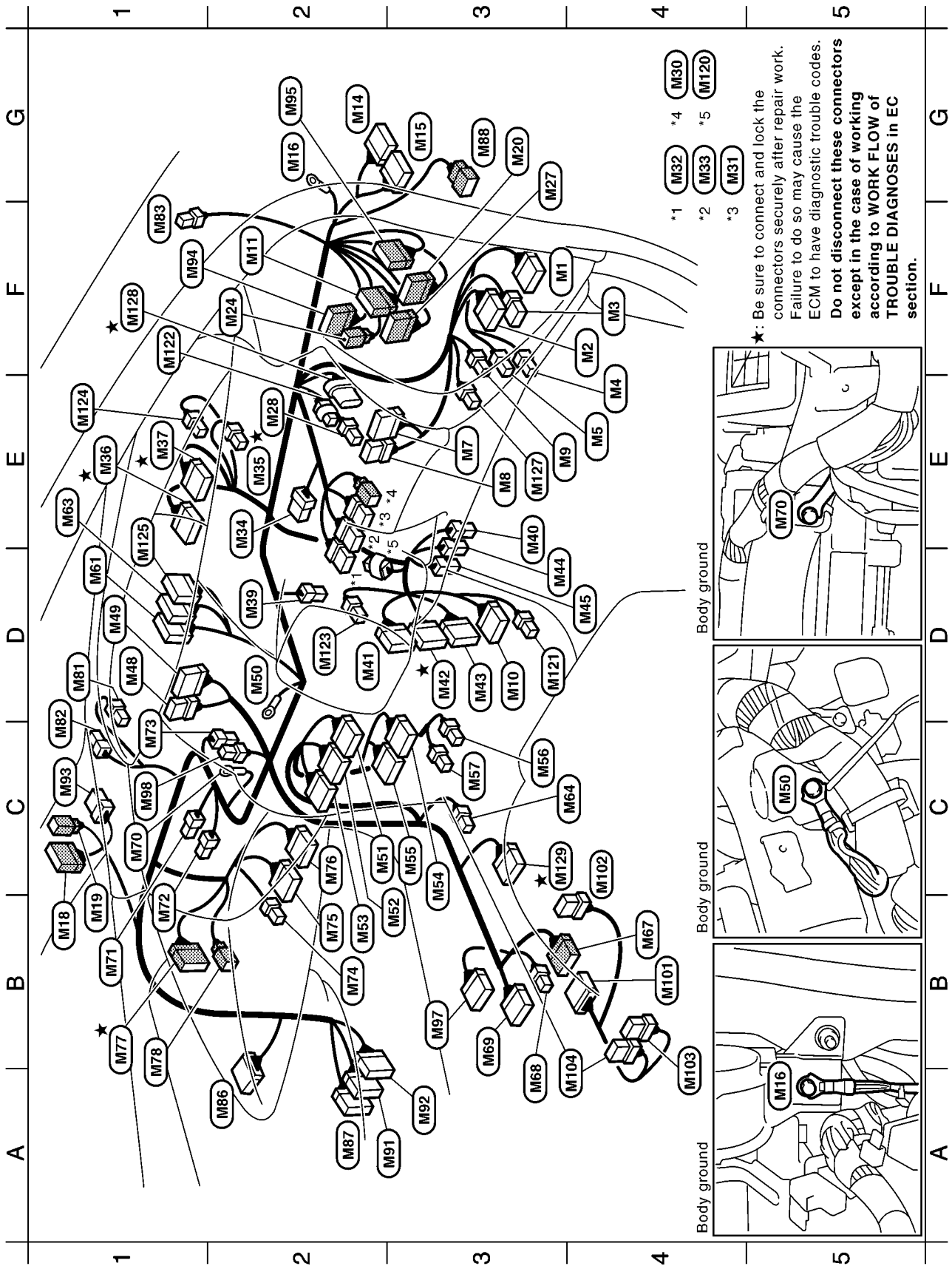
Diode (M132)



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

HARNESS

MAIN HARNESS/RHD MODELS WITH YD22DDTI ENGINE



MAWA0007E

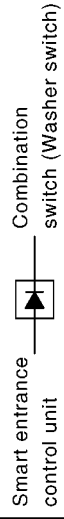
F3	(M1)	W/16	:	Fuse block (J/B)	D2	(M41)	W/24	:	Smart entrance control unit	D1	(M81)	B/2	:	Seat belt warning lamp (Passenger side)
F4	(M2)	W/12	:	Fuse block (J/B)	D3	(M42)	GY/24	:	Smart entrance control unit					
F4	(M3)	W/6	:	Fuse block (J/B)	D3	(M43)	GY/16	:	Smart entrance control unit					
E4	(M4)	W/2	:	Circuit breaker-1	D3	(M44)	W/3	:	Mode door motor	F1	(M83)	BR/2	:	Sunload sensor
E4	(M5)	W/2	:	Circuit breaker-2	D4	(M45)	W/4	:	Fan control amp.	A2	(M86)	W/16	:	Tweeter RH
E3	(M7)	W/10	:	Door mirror remote control switch	D1	(M48)	W/8	:	Hazard switch	A2	(M87)	W/24	:	To (D31)
E3	(M8)	GY/6	:	ESP off switch (With ESP)	D1	(M49)	W/16	:	Multi function switch	G3	(M88)	W/6	:	To (B101)
E3	(M9)	L/4	:	Power window relay	D2	(M50)	—	:	Body ground	A2	(M91)	W/12	:	After market alarm
D3	(M10)	W/16	:	Data link connector	C2	(M51)	W/12	:	Audio unit	A3	(M92)	W/10	:	To (B134) (With ESP)
F2	(M11)	BR/24	:	To (B48)	B3	(M52)	W/12	:	Audio unit (With CD auto-changer)	C1	(M93)	BR/8	:	To (B135) (Without ESP)
G2	(M14)	W/12	:	To (D1)	B2	(M53)	W/24	:	Audio unit	F1	(M94)	W/24	:	Dongle unit
G3	(M15)	W/16	:	To (D2)	C3	(M54)	W/24	:	AV and NAVI control unit (With navigation system)	G2	(M95)	GY/24	:	To (E110)
G2	(M16)	—	:	Body ground				:		B3	(M97)	W/12	:	To (B42)
B1	(M18)	W/12	:	To (R1)	C3	(M55)	GY/24	:	AV and NAVI control unit (With navigation system)				:	Telephone sub-harness
B1	(M19)	W/3	:	To (R2)				:		C1	(M98)	W/2	:	Microphone
G3	(M20)	BR/16	:	To (B2)	C3	(M56)	B/2	:	Cigarette lighter socket	G4	(M120)	L/2	:	ASCD clutch switch (With ASCD)
F2	(M24)	W/2	:	To (E108)	C3	(M57)	W/2	:	Ashtray illumination	D3	(M121)	BR/2	:	Pre-display unit (With LCD monitor)
G3	(M27)	W/16	:	To (E109)	D1	(M61)	BR/24	:	Display unit	F1	(M122)	BR/2	:	ASCD brake switch (With ASCD)
E2	(M28)	B/2	:	Stop lamp switch				:		D2	(M123)	B/2	:	Diode (With headlamp washer)
G4	(M30)	W/2	:	Key switch	E1	(M63)	GY/24	:	Display (With navigation system)	E1	(M124)	W/3	:	Flasher sounder
G4	(M31)	Y/6	:	Spiral cable	C3	(M64)	W/2	:	Intake sensor	E1	(M125)	W/16	:	Display unit (Without navigation system)
F4	(M32)	GY/8	:	Spiral cable	B4	(M67)	W/12	:	To (M101)	E3	(M127)	L/4	:	Rear power window relay
F4	(M33)	W/8	:	Steering angle sensor (With ESP)	A3	(M68)	B/1	:	Parking brake switch	F1	(M128)	—/6	:	Accelerator pedal position sensor
E2	(M34)	W/8	:	NATS antenna amp.	B3	(M69)	Y/20	:	Air bag diagnosis sensor unit	C3	(M129)	—/15	:	Tyre pressure monitoring control unit
E2	(M35)	B/2	:	Seat belt warning lamp	C1	(M70)	—	:	Body ground				:	
E1	(M36)	L/26	:	Combination meter	B1	(M71)	W/2	:	Glove box lamp				:	
E1	(M37)	Y/26	:	Combination meter	B1	(M72)	Y/2	:	Front passenger air bag module	B4	(M101)	W/12	:	To (M57)
D2	(M39)	W/2	:	In-vehicle sensor	C1	(M73)	W/3	:	Intake door motor	C4	(M102)	GY/6	:	Door lock/unlock switch
E3	(M40)	W/3	:	Air mix door motor	B2	(M74)	W/2	:	Blower motor	B4	(M103)	BR/6	:	Heated seat switch RH (With heated seat)
					B2	(M75)	GY/20	:	A/C auto amp.	B3	(M104)	W/6	:	Heated seat switch LH (With heated seat)
					C2	(M76)	GY/16	:	A/C auto amp.				:	
					B1	(M77)	W/24	:	To (E109)				:	
					B1	(M78)	W/2	:	To (E106)				:	

Console harness

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

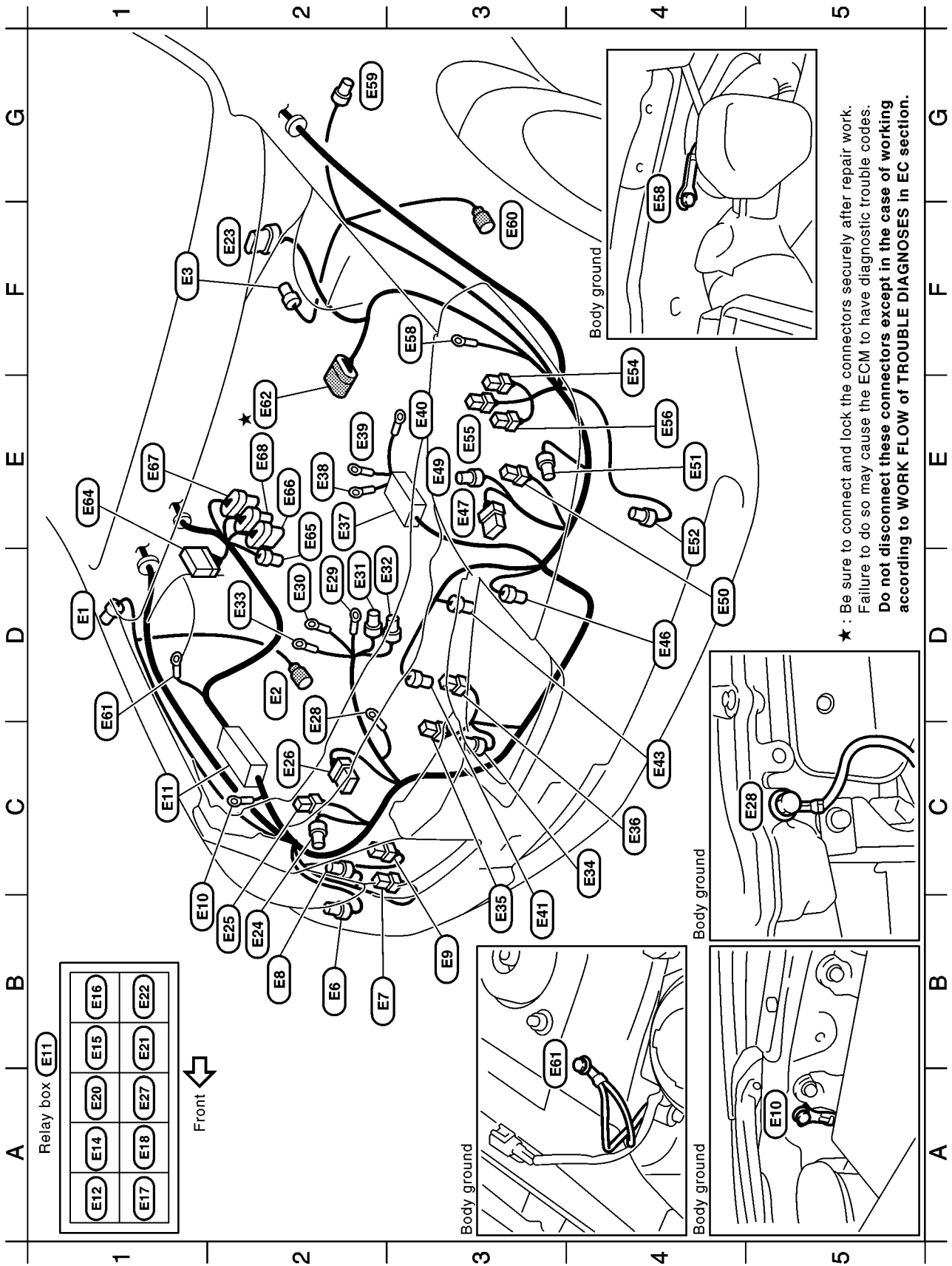
Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC section.

Diode (M123)



HARNESS

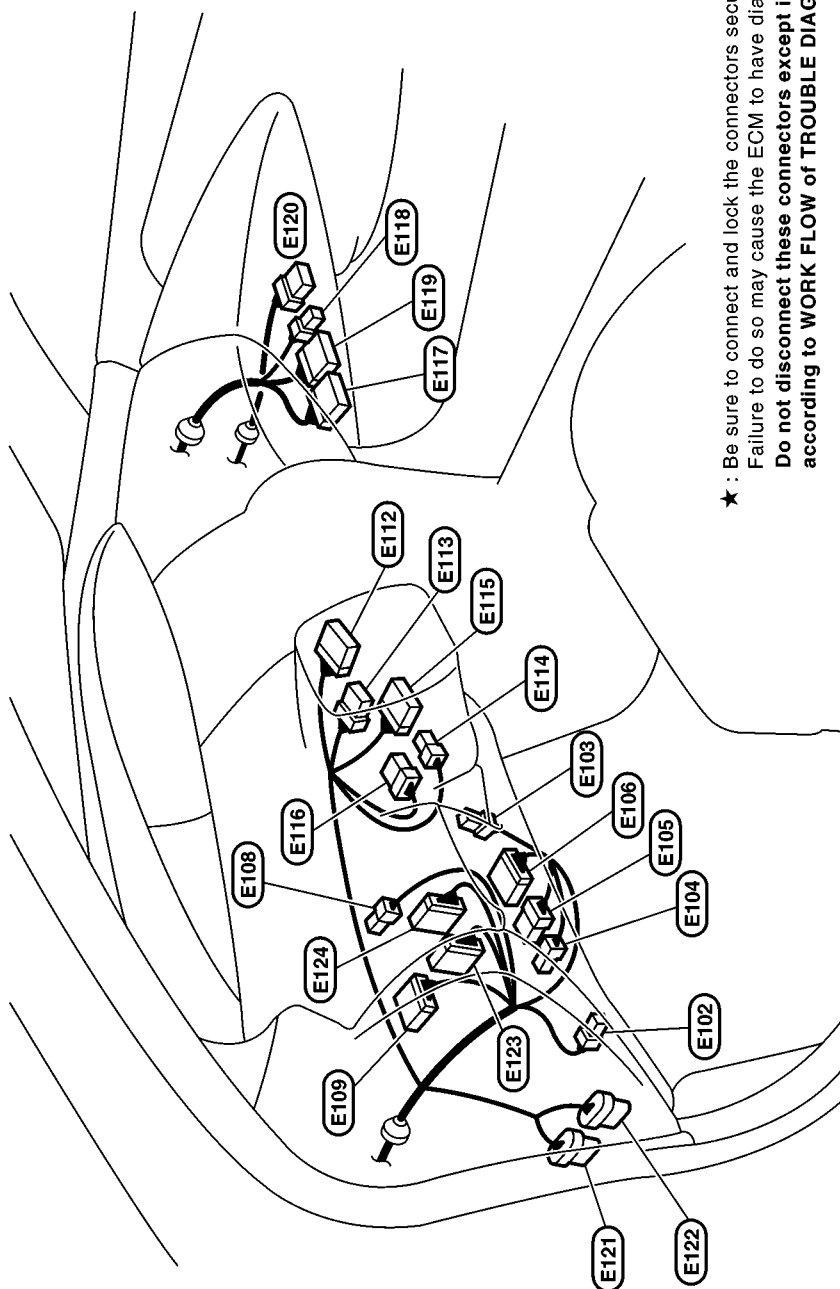
ENGINE ROOM HARNESS/LHD MODELS WITH YD22DDTI ENGINE



MAWA1209E

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
F1	(E3)	GY/2	: Brake fluid level switch	C4	★(E43)	B/2	: Cooling fan motor-1
B2	(E6)	-/2	: Front fog lamp RH	D4	(E46)	B/2	: Dual-pressure switch
B2	(E7)	B/2	: Washer level switch	E3	(E47)	-/5	: Headlamp LH
B2	(E8)	-/2	: Headlamp washer motor	E3	(E49)	GY/2	: Hood switch
B3	(E9)	-/2	: Washer motor	D4	(E50)	-/3	: Headlamp aiming motor LH
B1	(E10)	-	: Body ground	E4	(E51)	GY/3	: Front combination lamp LH
C1	(E11)	-	: Relay box	E4	(E52)	-/2	: Front fog lamp LH
★A1	(E12)	B/5	: Cooling fan relay-2	F4	(E54)	W/1	: Glow relay
A1	(E14)	L/4	: Headlamp LH relay (With xenon type)	E3	(E55)	W/1	: Glow relay
B1	(E15)	W/3	: Horn relay	E4	(E56)	G/2	: Glow relay
★B1	(E16)	B/5	: Cooling fan relay-4	F3	(E58)	-	: Body ground
A1	(E17)	L/4	: Air conditioner relay	G2	(E59)	-/2	: Side turn signal lamp LH
★A1	(E18)	B/4	: Cooling fan relay-1	F3	(E60)	L/2	: Front wheel sensor LH
A1	(E20)	L/4	: Headlamp RH relay (With xenon type)	C1	(E61)	-	: Body ground (Without ESP)
★B1	(E21)	B/4	: Cooling fan relay-3	E2	★(E62)	GY/9	: To (F12)
B1	(E22)	L/4	: Front fog lamp relay	E1	(E64)	-/26	: ABS actuator and electric unit (control unit) (Without ESP)
F2	(E23)	GY/6	: Front wiper motor	E2	(E65)	B/2	: ESP/TCS/ABS relay box (With ESP)
B2	(E24)	GY/3	: Front combination lamp RH	E2	(E66)	B/8	: ESP/TCS/ABS relay box (With ESP)
B2	(E25)	-/3	: Headlamp aiming motor RH	E1	(E67)	B/8	: ESP/TCS/ABS actuator (With ESP)
C2	(E26)	-/5	: Headlamp RH	E2	(E68)	GY/8	: ESP/TCS/ABS actuator (With ESP)
A1	(E27)	BR/6	: Daytime light relay (With daytime light system)				
D2	(E28)	-	: Body ground				
D2	(E29)	-	: Alternator				
D2	(E30)	-	: Alternator				
D2	(E31)	GY/2	: Alternator				
D2	(E32)	B/1	: Compressor				
D2	(E33)	-	: Glow plug				
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 section.

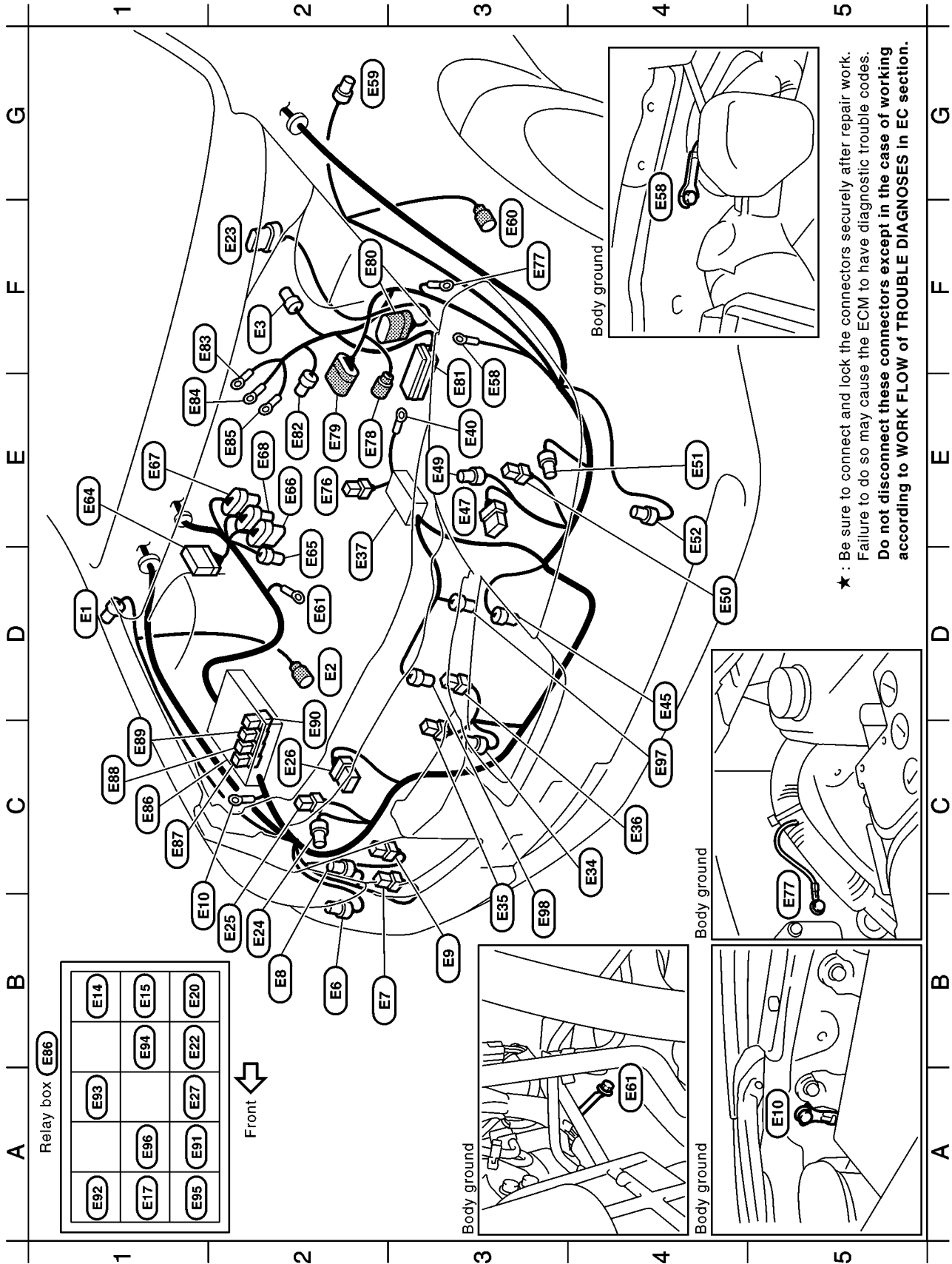


★ : Be sure to connect and lock the connectors securely after repair work. Failure to do so may cause the ECM to have diagnostic trouble codes. **Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC section.**

- | | | | |
|---------|-------|---|--|
| (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) |
| (E108) | W/2 | : | To (M24) |
| (E109) | W/16 | : | To (M27) |
| (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 |
| (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 (With daytime light system) |
| (E122) | GY/8 | : | Daytime light control unit (With daytime light system) |
| ★(E123) | W/12 | : | To (M17) |
| (E124) | W/16 | : | To (M25) |

HARNESS

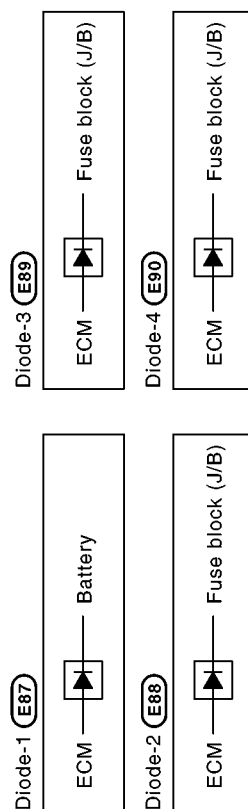
ENGINE ROOM HARNESS/LHD MODELS WITH F9Q ENGINE



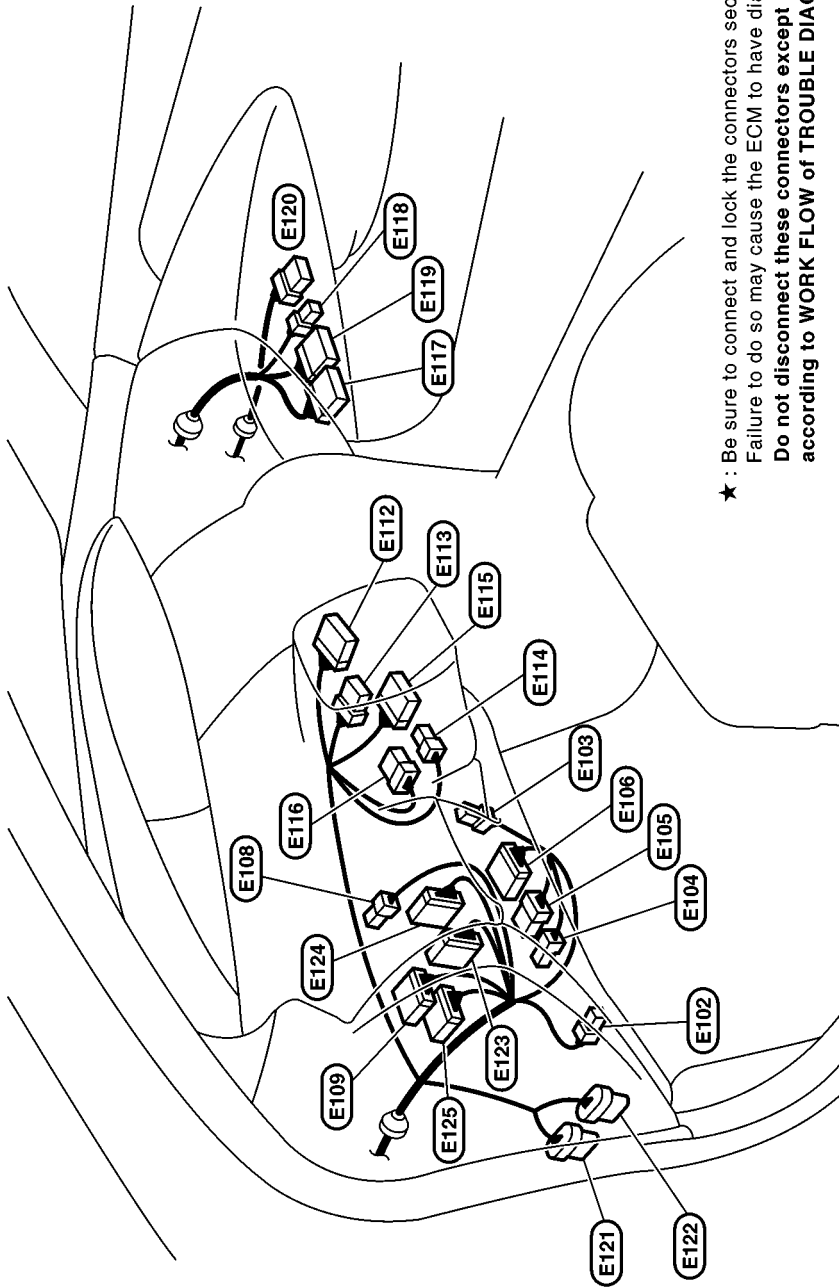
MAWA1212E

D1	(E1)	-/2	: Side turn signal lamp RH
D2	(E2)	GY/2	: Front wheel sensor RH
F3	(E3)	GY/2	: Brake fluid level switch
B2	(E6)	-/2	: Front fog lamp RH
B2	(E7)	B/2	: Washer level switch
B2	(E8)	B/2	: Headlamp washer motor
B3	(E9)	B/2	: Washer motor
B1	(E10)	-	: Body ground
B1	(E14)	L/4	: Headlamp LH relay (With xenon type)
B1	(E15)	W/3	: Horn relay
A1	(E17)	L/4	: Air conditioner relay
B1	(E20)	L/4	: Headlamp RH relay (With xenon type)
B1	(E22)	L/4	: Front fog lamp relay
F2	(E23)	GY/6	: Front wiper motor
B2	(E24)	GY/3	: Front combination lamp RH
B2	(E25)	B/3	: Headlamp aiming motor RH
C2	(E26)	B/5	: Headlamp RH
A1	(E27)	BR/6	: Daytime light relay (Conventional type headlamp with daytime light system)
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
E3	(E40)	-	: Battery
D4	(E45)	B/3	: Refrigerant pressure sensor
E3	(E47)	B/5	: Headlamp LH
E3	(E49)	GY/2	: Hood switch
D4	(E50)	B/3	: Headlamp aiming motor LH
E4	(E51)	GY/3	: Front combination lamp LH
E4	(E52)	-/2	: Front fog lamp LH
F3	(E58)	-	: Body ground
G2	(E59)	-/2	: Side turn signal lamp LH
F3	(E60)	L/2	: Front wheel sensor LH
D2	(E61)	-	: Body ground (Without ESP)
E1	(E64)	-/26	: ABS actuator and electric unit (control unit) (Without ESP)
E2	(E65)	B/2	: ESP/TCS/ABS relay box (With ESP)
E2	(E66)	B/8	: ESP/TCS/ABS relay box (With ESP)
E1	(E67)	B/8	: ESP/TCS/ABS actuator (With ESP)
E2	(E68)	GY/8	: ESP/TCS/ABS actuator (With ESP)

E2	(E76)	BR/2	: Battery fusible link holder
F3	(E77)	-	: Body ground
E2	(E78)	GY/2	: To (F2)
E2	(E79)	B/8	: To (F3)
F2	(E80)	GY/9	: To (F12)
F3	(E81)	-/32	: ECM
E2	(E82)	B/2	: SEDIMENTA
F2	(E83)	-	: Thermo plug No. 1 (For cold area)
E1	(E84)	-	: Thermo plug No. 2 (For cold area)
E2	(E85)	-	: Thermo plug No. 3 (For cold area)
C1	(E86)	-	: Relay box
C1	(E87)	B/2	: Diode-1
C1	(E88)	B/2	: Diode-2 (For cold area)
C1	(E89)	B/2	: Diode-3 (For cold area)
D2	(E90)	B/2	: Diode-4 (For cold area)
A1	(E91)	L/4	: ECM relay
A1	(E92)	-/4	: Thermo plug relay-1 (For cold area)
A1	(E93)	-/4	: Thermo plug relay-2 (For cold area)
B1	(E94)	-/4	: Thermo plug relay-3 (For cold area)
A1	(E95)	-/4	: Cooling fan relay (Low)
A1	(E96)	-/4	: Cooling fan relay (High)
C4	(E97)	B/2	: Cooling fan motor
B3	(E98)	-/2	: M/FAN RES



★ : Be sure to connect and lock the connectors securely after repair work.
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Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC section.

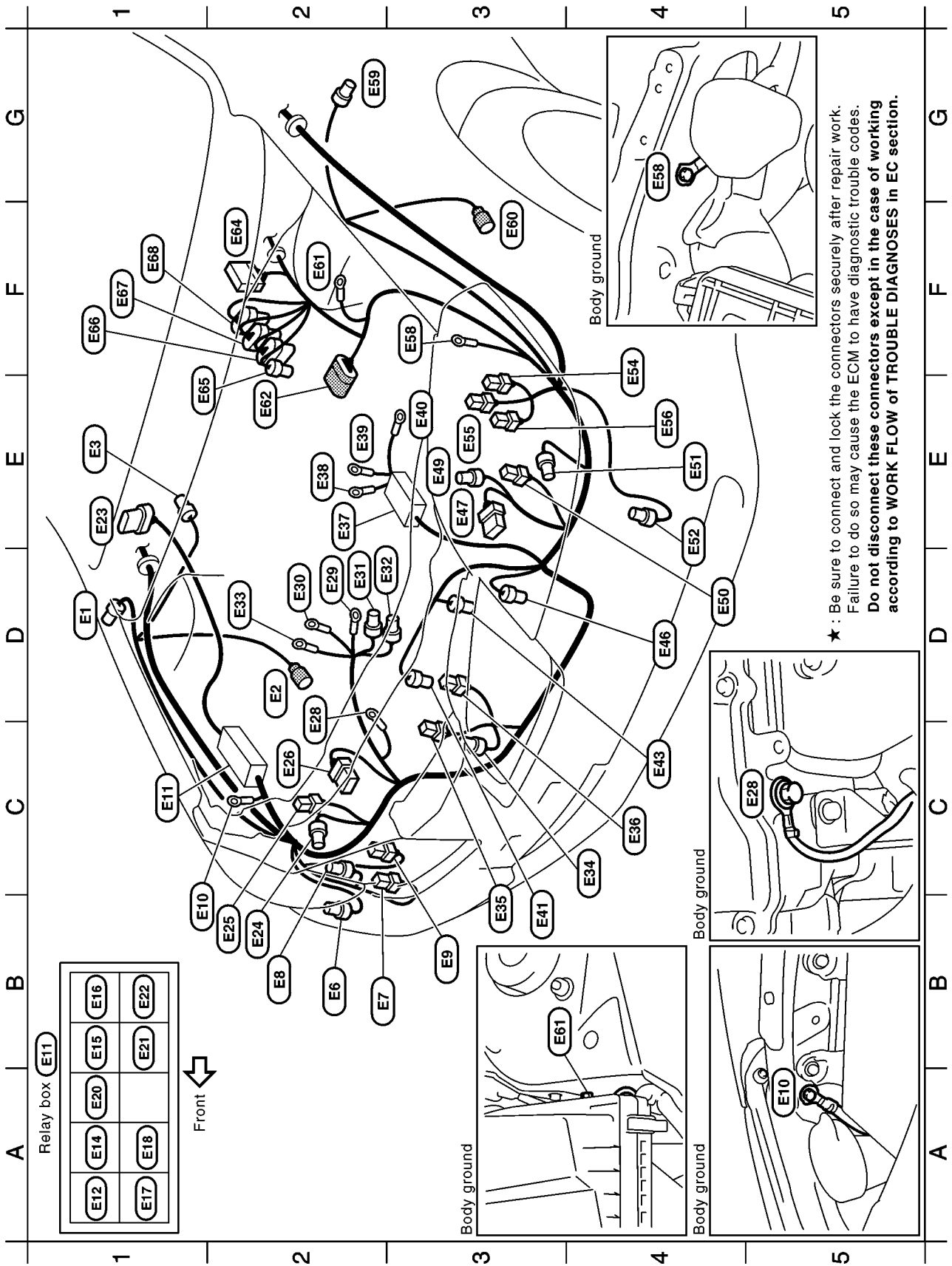


★ : Be sure to connect and lock the connectors securely after repair work.
Failure to do so may cause the ECM to have diagnostic trouble codes.
Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC section.

E102	L/4	: Rear fog lamp relay	E115	BR/12	: Combination switch (Lighting and turn signal switch)
E103	W/4	: Headlamp aiming switch (Manual type)	E116	W/6	: Ignition switch
E104	B/2	: Fuse block (J/B)	E117	W/16	: To E104 (With ESP)
E105	W/6	: Fuse block (J/B)	E118	W/2	: To E105 (With ESP)
E106	W/10	: Fuse block (J/B)	E119	BR/16	: To E106 (With ESP)
E107	W/2	: To M24	E120	GY/6	: To E107 (Without ESP)
E108	W/16	: To M27	E121	GY/6	: Daytime light control unit (With daytime light system)
E109	GY/12	: Combination switch (Wiper and washer switch)	E122	GY/8	: Daytime light control unit (With daytime light system)
E110	W/8	: Combination switch (Front and rear fog lamp switch)	E123	W/12	: To M17
E111	W/2	: Key hole illumination	E124	W/16	: To M25
			E125	W/24	: To M130

HARNESS

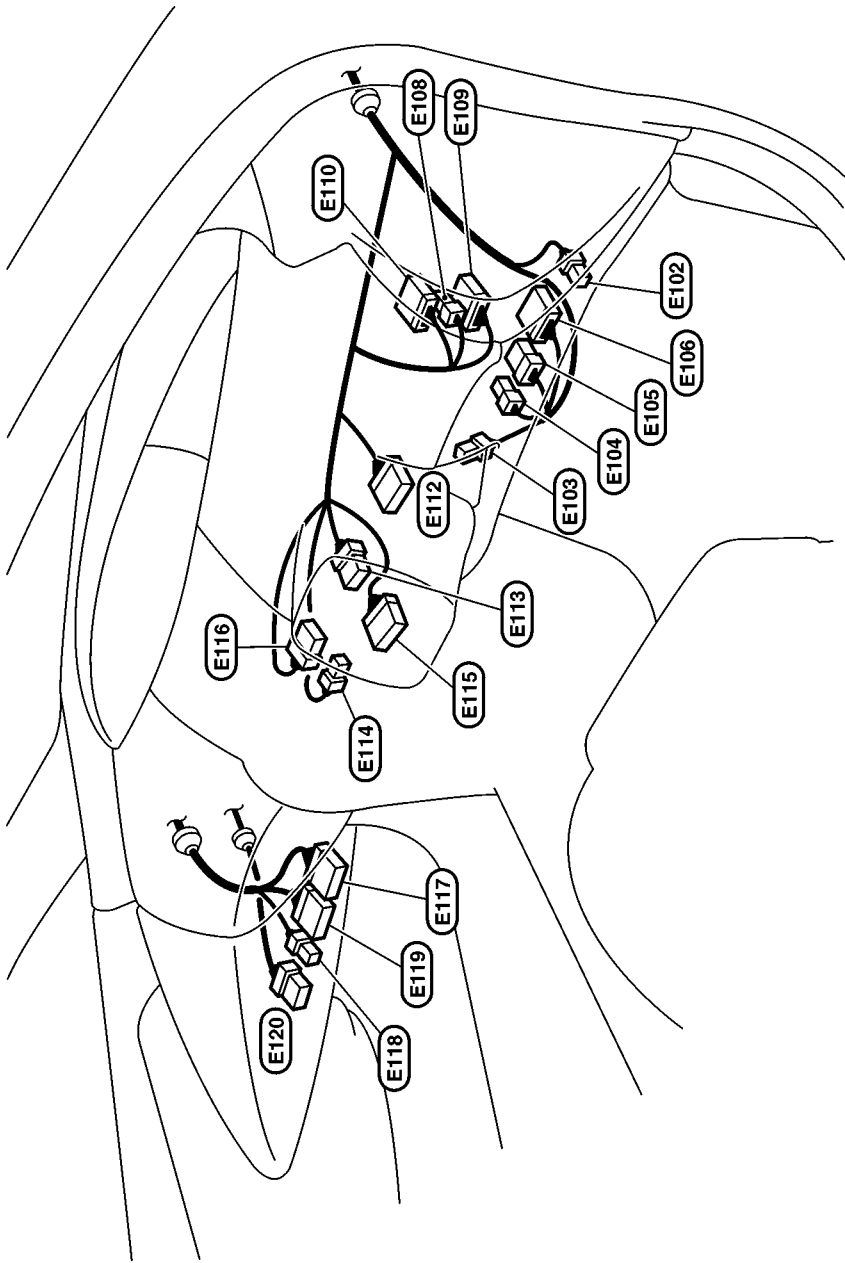
ENGINE ROOM HARNESS/RHD MODELS WITH YD22DDTI ENGINE



MAWA1218E

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
E1	(E3)	GY/2	: Brake fluid level switch	C4	★(E43)	B/2	: Cooling fan motor-1
B2	(E6)	-/2	: Front fog lamp RH	D4	(E46)	B/2	: Dual-pressure switch
B2	(E7)	B/2	: Washer level switch	E3	(E47)	-/5	: Headlamp LH
B2	(E8)	-/2	: Headlamp washer motor	E3	(E49)	GY/2	: Hood switch
B3	(E9)	-/2	: Washer motor	D4	(E50)	-/3	: Headlamp aiming motor LH
B1	(E10)	-	: Body ground	E4	(E51)	GY/3	: Front combination lamp LH
C1	(E11)	-	: Relay box	E4	(E52)	-/2	: Front fog lamp LH
A1	★(E12)	B/5	: Cooling fan relay-2	F4	(E54)	W/1	: Glow relay
A1	(E14)	L/4	: Headlamp LH relay (With xenon type)	E3	(E55)	W/1	: Glow relay
B1	(E15)	W/3	: Horn relay	E4	(E56)	G/2	: Glow relay
B1	★(E16)	B/5	: Cooling fan relay-4	F3	(E58)	-	: Body ground
A1	(E17)	L/4	: Air conditioner relay	G2	(E59)	-/2	: Side turn signal lamp LH
A1	★(E18)	B/4	: Cooling fan relay-1	F3	(E60)	L/2	: Front wheel sensor LH
A1	(E20)	L/4	: Headlamp RH relay (With xenon type)	F2	(E61)	-	: Body ground (Without ESP)
B1	★(E21)	B/4	: Cooling fan relay-3	E2	★(E62)	GY/9	: To (F12)
B1	(E22)	L/4	: Front fog lamp relay	F2	(E64)	-/26	: ABS actuator and electric unit (control unit) (Without ESP)
E1	(E23)	GY/6	: Front wiper motor	E1	(E65)	B/2	: ESP/TCS/ABS relay box (With ESP)
B2	(E24)	GY/3	: Front combination lamp RH	F1	(E66)	B/8	: ESP/TCS/ABS relay box (With ESP)
B2	(E25)	-/3	: Headlamp aiming motor RH	F1	(E67)	B/8	: ESP/TCS/ABS actuator (With ESP)
C2	(E26)	-/5	: Headlamp RH	F1	(E68)	GY/8	: ESP/TCS/ABS actuator (With ESP)
D2	(E28)	-	: Body ground				
D2	(E29)	-	: Alternator				
D2	(E30)	-	: Alternator				
D2	(E31)	GY/2	: Alternator				
D2	(E32)	B/1	: Compressor				
D2	(E33)	-	: Glow plug				
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 section.

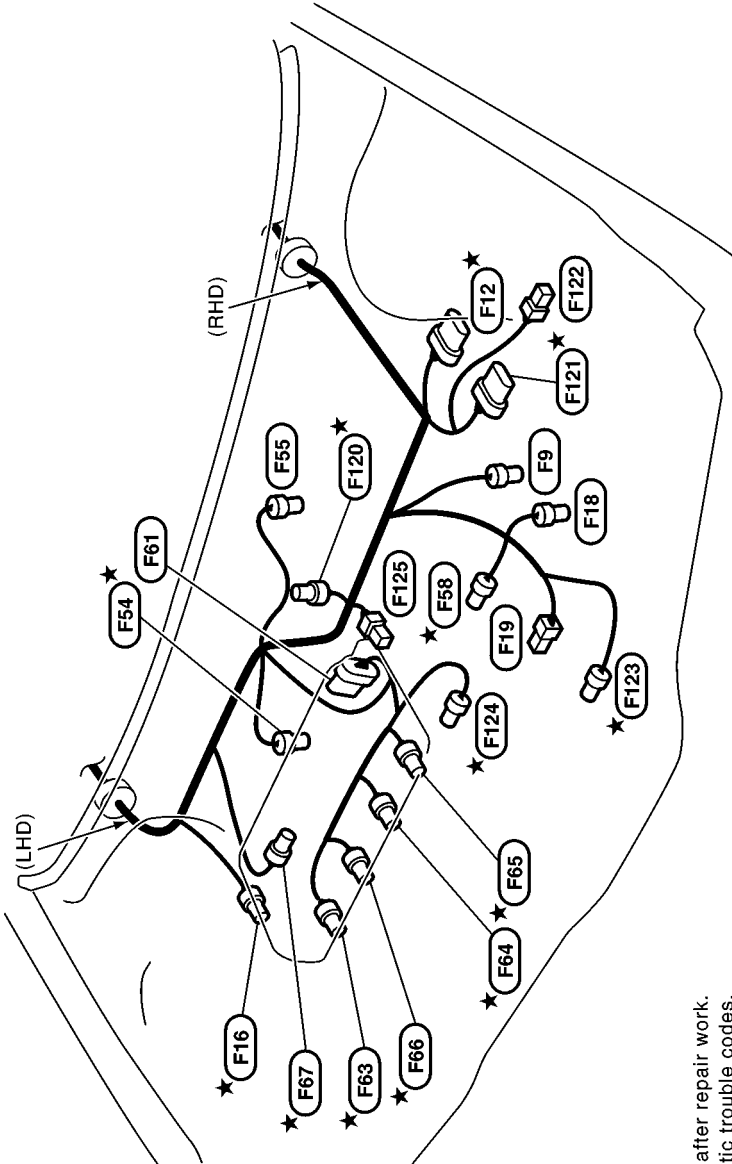


- | | | | | | | | |
|--------|-------|---|---|--------|-------|---|--|
| (E102) | L/4 | : | Rear fog lamp relay | (E114) | W/2 | : | Key hole illumination |
| (E103) | W/4 | : | Headlamp aiming switch (Manual type) | (E115) | BR/12 | : | Combination switch (Lighting and turn signal switch) |
| (E104) | 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) |
| (E108) | W/2 | : | To (M24) | (E119) | BR/16 | : | To (E106) (With ESP) |
| (E109) | W/16 | : | To (M27) | (E120) | GY/6 | : | To (E107) (Without ESP) |
| (E110) | W/24 | : | To (M94) | | | | |
| (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 ECM to have diagnostic trouble codes.
Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC section.

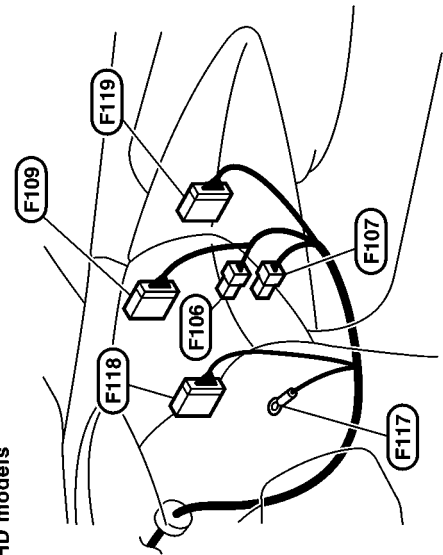
HARNESS

ENGINE CONTROL HARNESS/YD22DDTI ENGINE

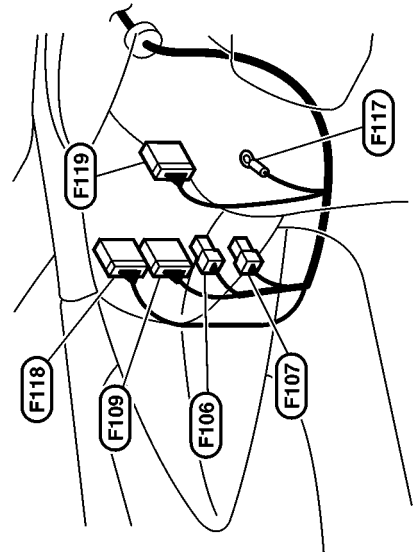


★ : Be sure to connect and lock the connectors securely after repair work.
Failure to do so may cause the ECM to have diagnostic trouble codes.
Do not disconnect these connectors except in the case of working according to WORK FLOW of TROUBLE DIAGNOSES in EC section.

LHD models



RHD models



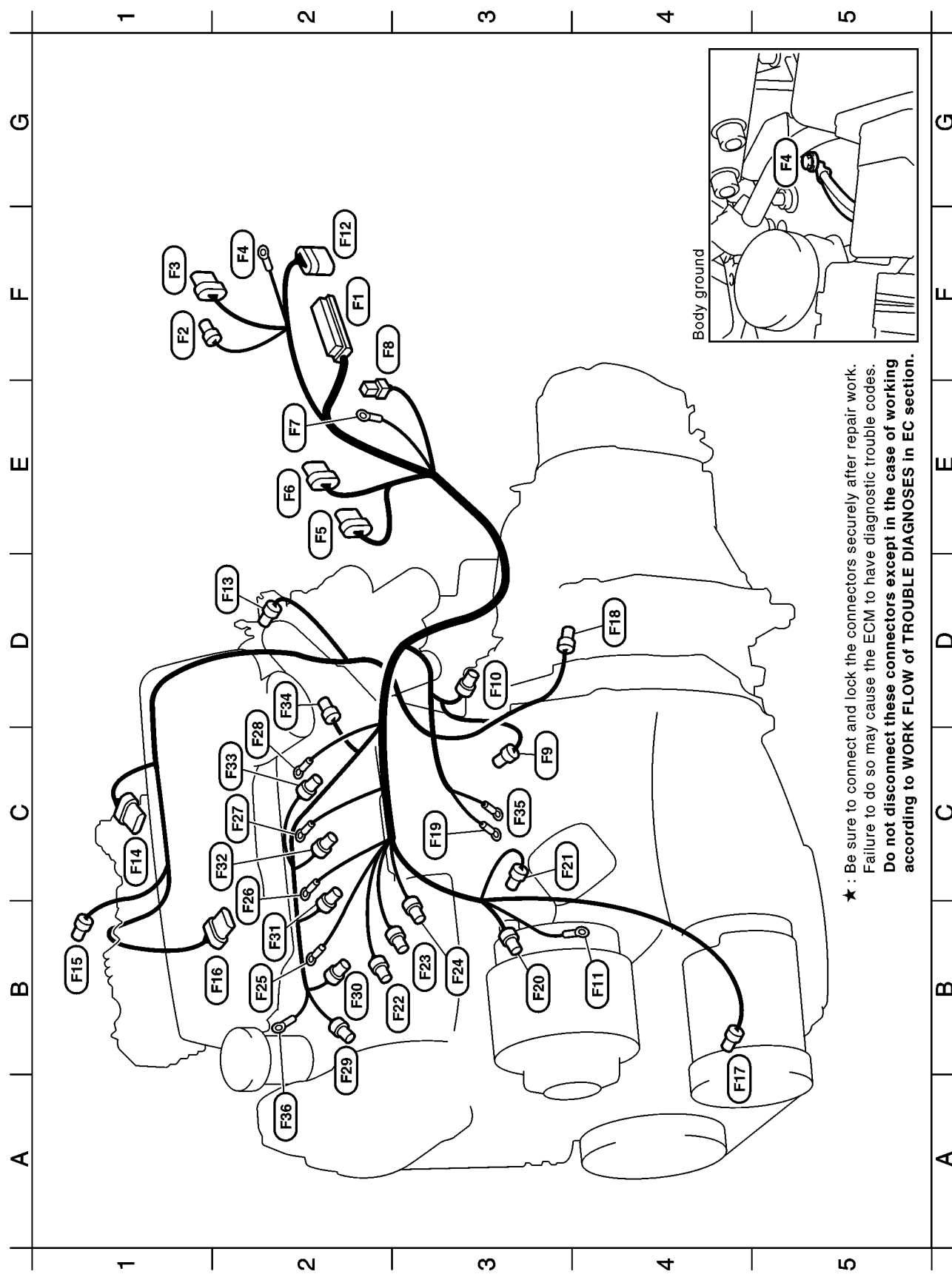
(F9)	B/2	: Park/neutral position switch
★ (F12)	GY/9	: To (E62)
★ (F16)	GY/2	: Engine coolant temperature sensor
(F18)	B/2	: Back-up lamp switch
(F19)	B/1	: Starter motor
★ (F54)	W/2	: Fuel pump (Fuel pump temperature sensor)
(F55)	B/2	: Power steering pressure switch
★ (F58)	GY/3	: Turbocharger boost sensor
(F61)	-/6	: EGR volume control valve
★ (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	: Fuel rail pressure sensor
(F106)	W/2	: To (M76)
★ (F107)	BR/6	: ECM relay
★ (F109)	W/24	: To (M77)
(F117)	-	: Body ground
(F118)	-/81	: ECM
(F119)	-/40	: ECM
(F120)	-/2	: Fuel pump
(F121)	B/6	: Mass air flow sensor
(F122)	GY/2	: Turbocharger boost control solenoid valve
(F123)	-/3	: Crankshaft position sensor
(F124)	-/3	: Camshaft position sensor
(F125)	B/1	: Oil pressure 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 section.

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HARNESS

ENGINE CONTROL HARNESS/F9Q ENGINE



MAWA1229E

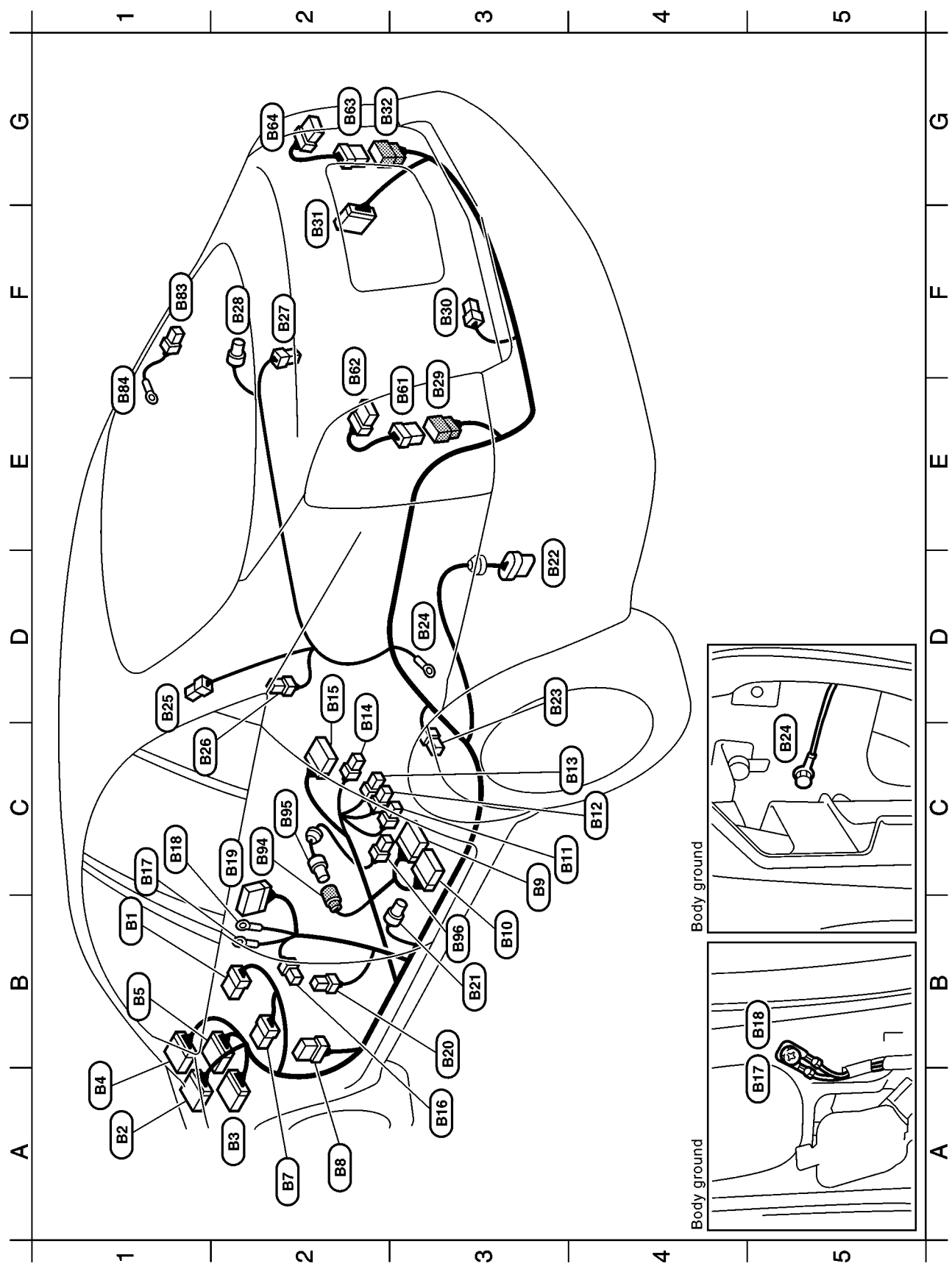
F2	F1	-/80	:	ECM
F1	F2	GY/2	:	To (E78)
F1	F3	B/8	:	To (E79)
F2	F4	-	:	Body ground
E2	F5	-/6	:	Mass air flow sensor
E2	F6	-/8	:	Glow relay
E2	F7	-	:	Battery
F2	F8	GY/2	:	Battery fusible link holder
C3	F9	-/2	:	Oil level sensor
D3	F10	-/2	:	Crank angle sensor
B4	F11	-	:	Alternator
F2	F12	GY/9	:	To (E80)
D2	F13	-/4	:	Engine coolant temperature sensor
C1	F14	-/6	:	EGR valve control solenoid valve
B1	F15	-/2	:	TCA solenoid valve
B1	F16	-/2	:	IAF solenoid valve
B4	F17	-/2	:	Compressor
D4	F18	B/2	:	Back-up lamp switch
C3	F19	-	:	Starter motor
B3	F20	-/2	:	Alternator
C3	F21	-/1	:	Oil pressure switch
B2	F22	-/2	:	Fuel temperature sensor
B3	F23	-/2	:	Flow governor
B3	F24	-/3	:	Common rail fuel pressure sensor
B2	F25	-	:	Glow plug No. 1
C2	F26	-	:	Glow plug No. 2
C2	F27	-	:	Glow plug No. 3
C2	F28	-	:	Glow plug No. 4
B2	F29	-/3	:	Camshaft position sensor
B2	F30	-/2	:	Injector No. 1
B2	F31	-/2	:	Injector No. 2
C2	F32	-/2	:	Injector No. 3
C2	F33	-/2	:	Injector No. 4
D2	F34	-/3	:	Charge air pressure sensor
C3	F35	-	:	Starter motor
A2	F36	-	:	Alternator

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

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HARNESS

BODY HARNESS/SEDAN LHD MODELS



MAWA1231E

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) (With ICC)
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 (With heated seat)
C4	(B12)	W/2	:	Seat belt buckle switch LH
C4	(B13)	W/2	:	Power seat LH (With power seat)
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 (With CD auto-changer)
G2	(B32)	W/6	:	To (B63)
B2	(B94)	BR/3	:	To (B95) (With low tire pressure warning system)
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
Sub-harness (With low tire pressure warning system)				
C2	(B95)	BR/3	:	To (B94)
B3	(B96)	-/4	:	Antenna

HARNESS

BODY HARNESS/SEDAN RHD MODELS



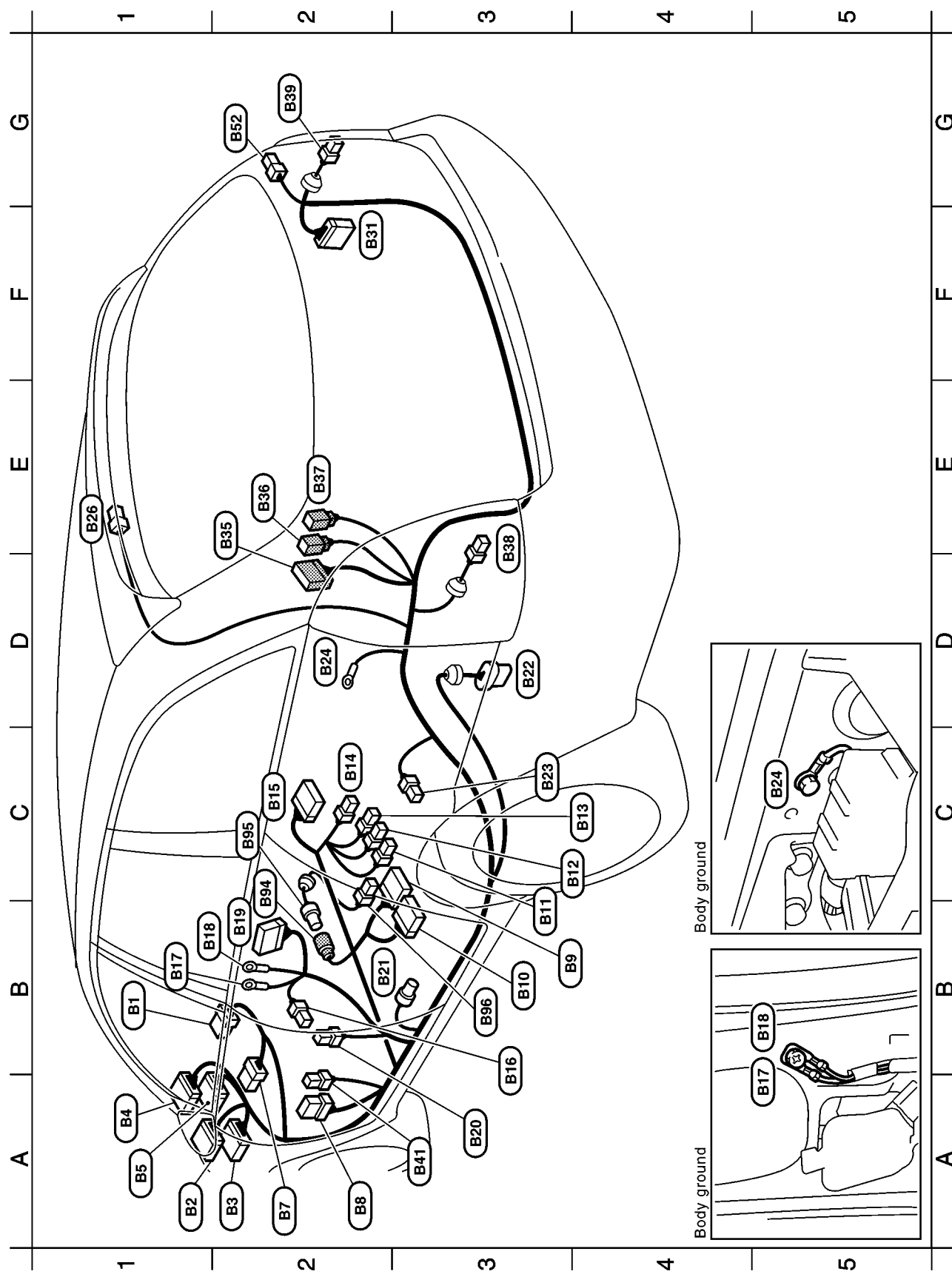
MAWA1233E

F1	(B1)	W/8	: Fuse block (J/B)
G2	(B2)	BR/16	: To (M20)
G1	(B4)	W/24	: To (M22) (With ICC)
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 (With heated seat)
F3	(B12)	W/2	: Seat belt buckle switch RH
E3	(B13)	W/2	: Power seat RH (With power seat)
E1	(B14)	Y/2	: Front RH side air bag module
E1	(B15)	Y/12	: Air bag diagnosis sensor unit
F2	(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 (With 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 (With rear view monitor)
C2	(B45)	B/1	: Vehicle security horn
D3	(B46)	-/6	: Siren control unit (With theft warning system)
G1	(B48)	BR/24	: To (M11)
E2	(B49)	W/6	: Sub woofer (With 7-speaker)
C2	(B50)	GY/8	: To (T1) (With rear view monitor)
D2	(B51)	W/4	: To (T2) (Without rear view monitor)

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HARNESS

BODY HARNESS/WAGN LHD MODELS



MAWA1235E

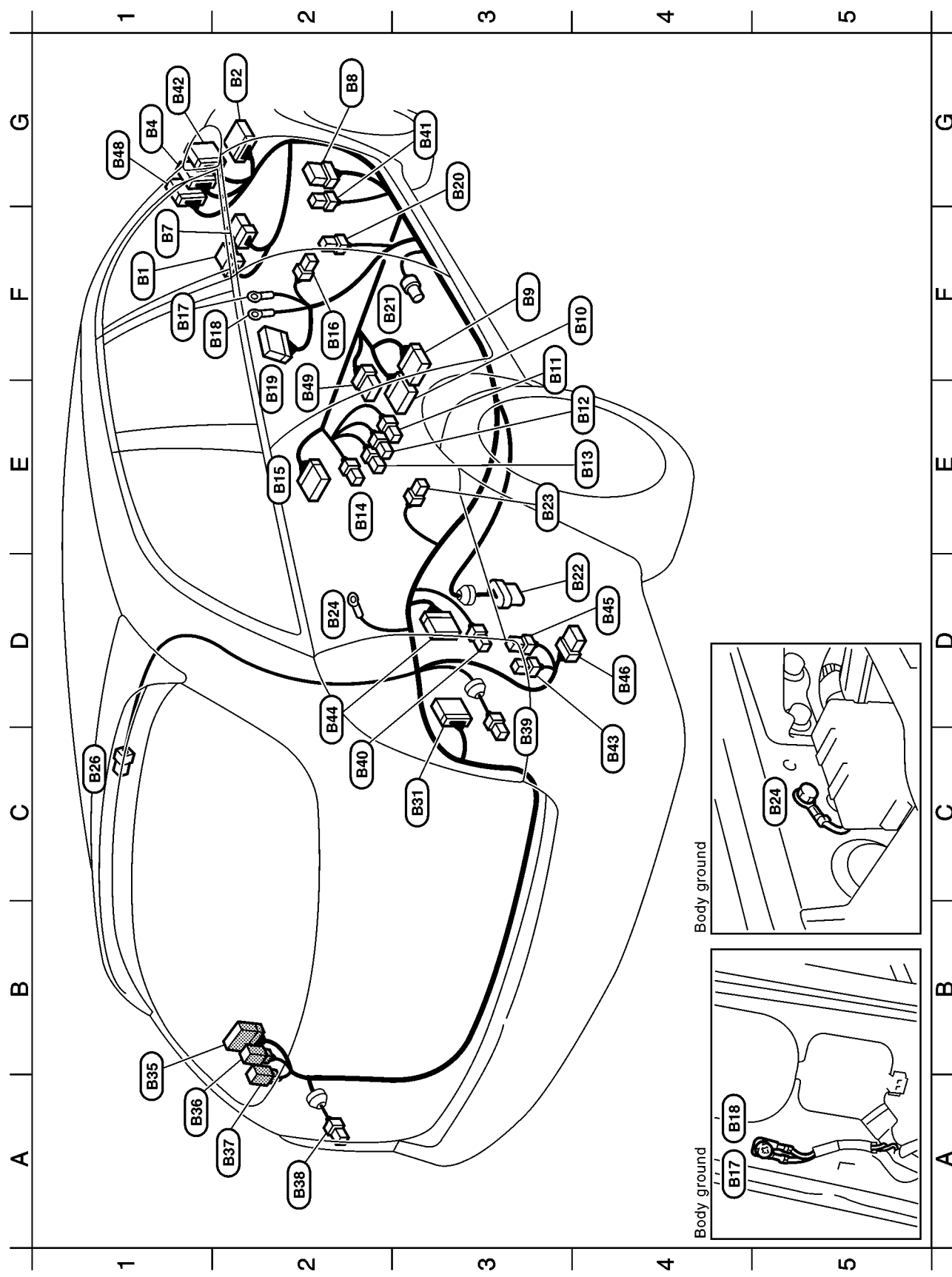
Sub-harness (With low tire pressure warning system)

C2 (B95) BR/3 : To (B94)
B3 (B96) -/4 : Antenna

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) (With ICC)
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)
B3	(B10)	GY/24	: ICC unit (With CVT)
B3	(B11)	W/3	: Heated seat LH (With heated seat)
C4	(B12)	W/2	: Seat belt buckle switch LH
C4	(B13)	W/2	: Power seat LH (With power seat)
C2	(B14)	Y/2	: Front LH side air bag module
C2	(B15)	Y/12	: Air bag diagnosis sensor unit
B3	(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 (With CD auto-changer)
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)
C2	(B94)	BR/3	: To (B95) (With low tire pressure warning system)

HARNESS

BODY HARNESS/WAGON RHD MODELS



MAWA1237E

F1	(B1)	W/8	: Fuse block (J/B)
G2	(B2)	BR/16	: To (M20)
G1	(B4)	W/24	: To (M22) (With ICC)
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 (With heated seat)
E4	(B12)	W/2	: Seat belt buckle switch RH
E4	(B13)	W/2	: Power seat RH (With power seat)
E2	(B14)	Y/2	: Front RH side air bag module
E2	(B15)	Y/12	: 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 (With CD auto-changer)
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 (With rear view monitor)
D4	(B45)	B/1	: Vehicle security horn
D4	(B46)	-/6	: Siren control unit (With theft warning system)
G1	(B48)	BR/24	: To (M11)
E2	(B49)	W/6	: Sub woofer (With 7-speaker)

MAWA1238E

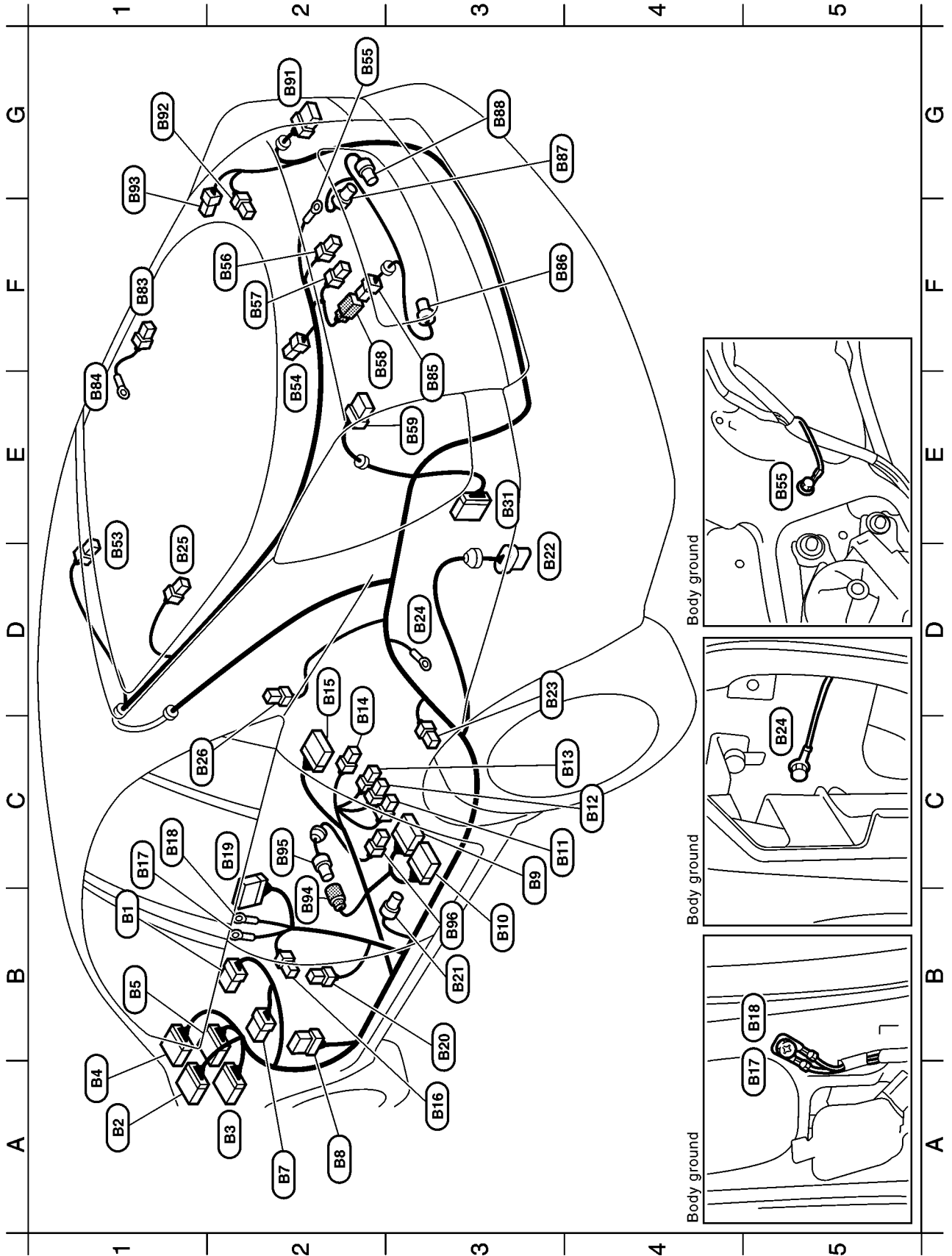
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HARNESS

BODY HARNESS/HATCHBACK LHD MODELS



MAWA1239E

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) (With ICC)
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 (With heated seat)
C4	(B12)	W/2	: Seat belt buckle switch LH
C4	(B13)	W/2	: Power seat LH (With power seat)
D2	(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 (With 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
F2	(B58)	W/3	: To (B83)
E3	(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 (B143) (With rear view monitor)
B2	(B94)	BR/3	: To (B95) (With low tire pressure warning system)

Rear window defogger harness

F1 (B83) : Rear window defogger

E1 (B84) - : Body ground

License sub-harness

E3 (B85) W/3 : To (B58)

F3 (B86) -/2 : License plate lamp LH

G3 (B87) GY/2 : External back door release switch

G3 (B88) -/2 : License plate lamp RH

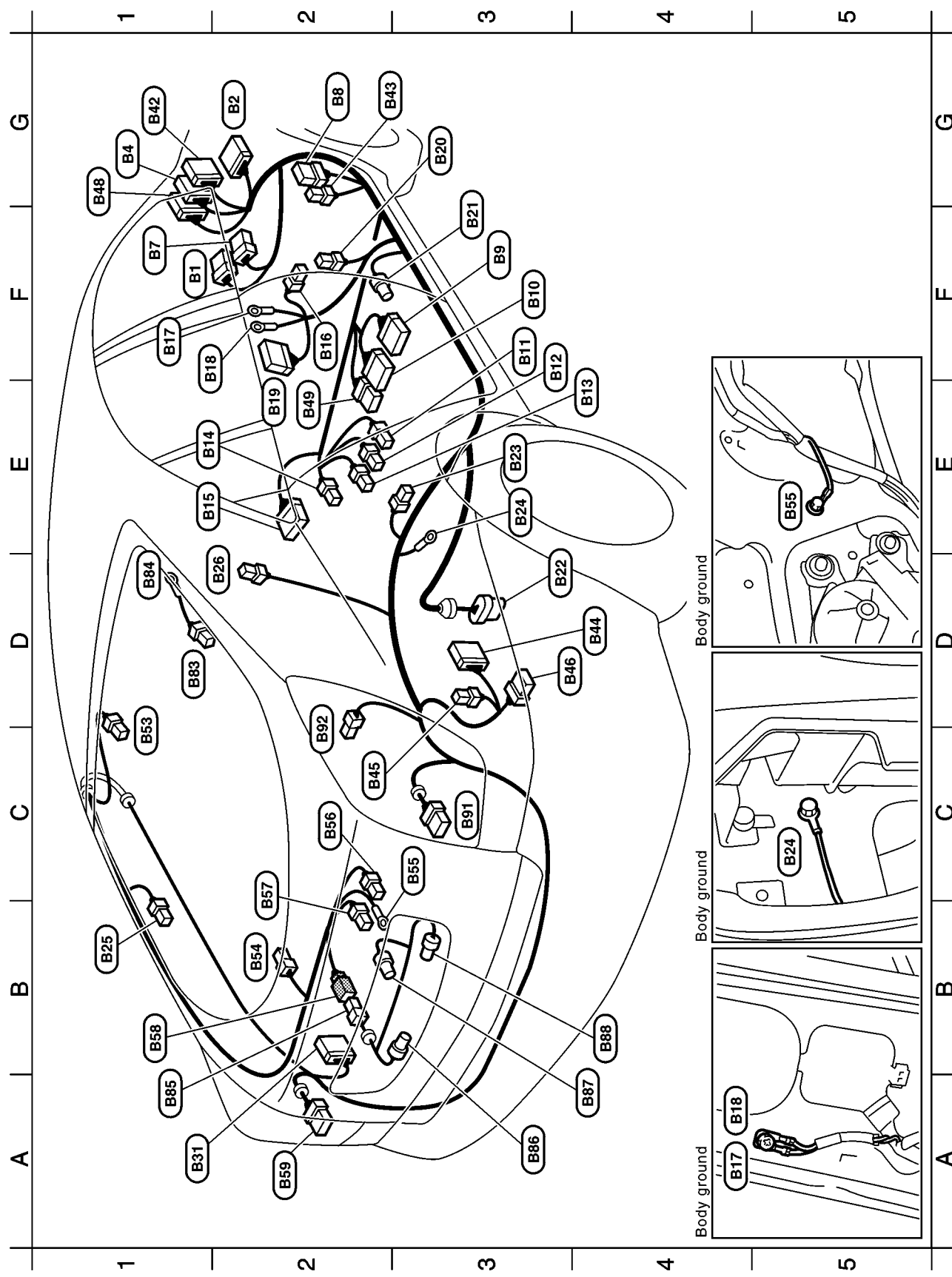
Sub-harness (With low tire pressure warning system)

C2 (B95) BR/3 : To (B94)

B3 (B96) -/4 : Antenna

HARNESS

BODY HARNESS/HATCHBACK RHD MODELS



MAWA1241E

F1	(B1)	W/8	: Fuse block (J/B)
G2	(B2)	BR/16	: To (M20)
G1	(B4)	W/24	: To (M22) (With ICC)
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 (With heated seat)
F3	(B12)	W/2	: Seat belt buckle switch RH
E4	(B13)	W/2	: Power seat RH (With power seat)
E1	(B14)	Y/2	: Front RH side air bag module
E1	(B15)	Y/12	: Air bag diagnosis sensor unit
F2	(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
A1	(B31)	W/16	: CD auto-changer (With CD auto-changer)
G1	(B42)	GY/24	: To (M95)
G2	(B43)	L/4	: Vehicle security horn relay
D4	(B44)	W/16	: Rear view camera control unit (With rear view monitor)
C2	(B45)	B/1	: Vehicle security horn
D3	(B46)	-/6	: Siren control unit (With theft warning system)
G1	(B48)	BR/24	: To (M11)
E2	(B49)	W/6	: Sub woofer (With 7-speaker)
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

A1 (B85) W/3 : To (B58)

B3 (B86) -/2 : License plate lamp LH

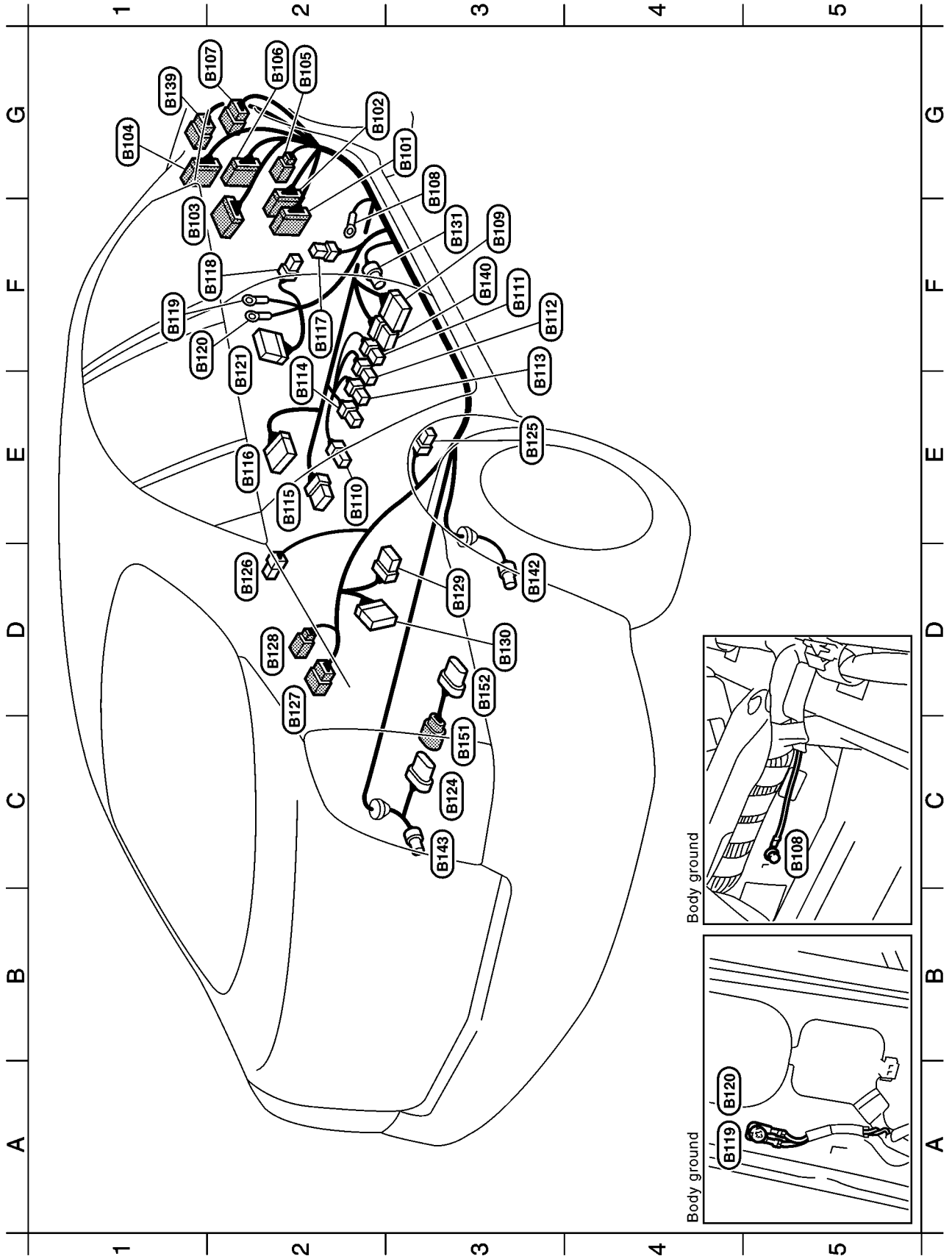
A4 (B87) GY/2 : External back door release switch

B4 (B88) -/2 : License plate lamp RH

MAWA1242E

HARNESS

BODY NO.2 HARNESS/SEDAN LHD MODELS

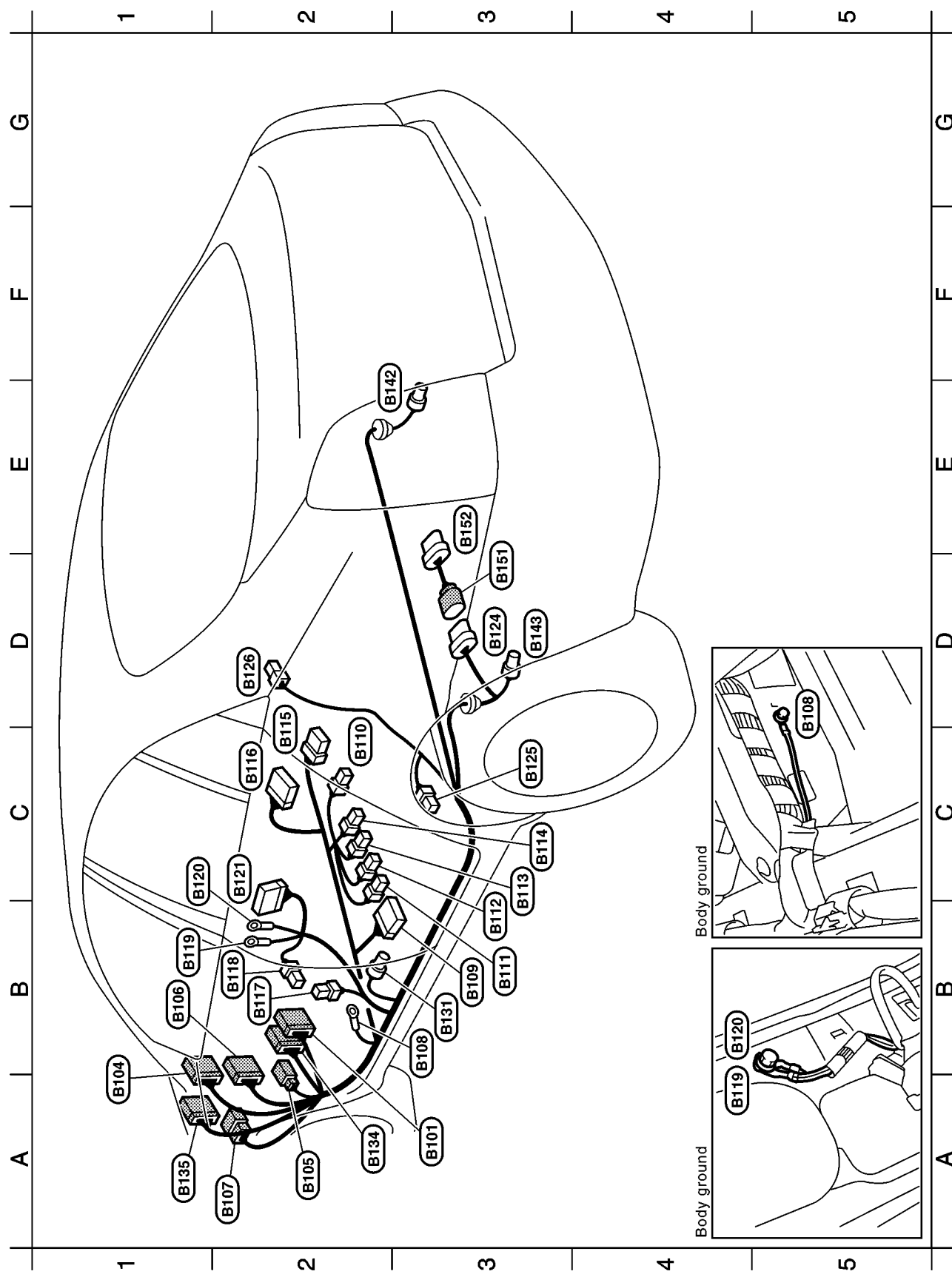


MAWA1243E

Sub-harness			C3 (B151)	GY/6	: To (B124)
			D3 (B152)	-/8	: Height sensor
G3 (B101)	W/24	: To (M87)			
G2 (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)			
G2 (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 (With power seat)			
F3 (B113)	W/3	: Heated seat RH (With heated seat)			
E2 (B114)	Y/2	: Front RH side air bag module			
E2 (B115)	-/6	: Yaw rate /side G sensor (With ESP)			
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)			
C3 (B124)	GY/6	: To (B151) (With headlamp aiming)			
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 (With theft warning system)			
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 for 7-speaker models)			
F3 (B140)	W/6	: Sub woofer (With 7-speaker)			
D3 (B142)	B/2	: Rear wheel sensor RH			
C3 (B143)	B/2	: Rear wheel sensor LH			

HARNESS

BODY NO.2 HARNESS/SEDAN RHD MODELS

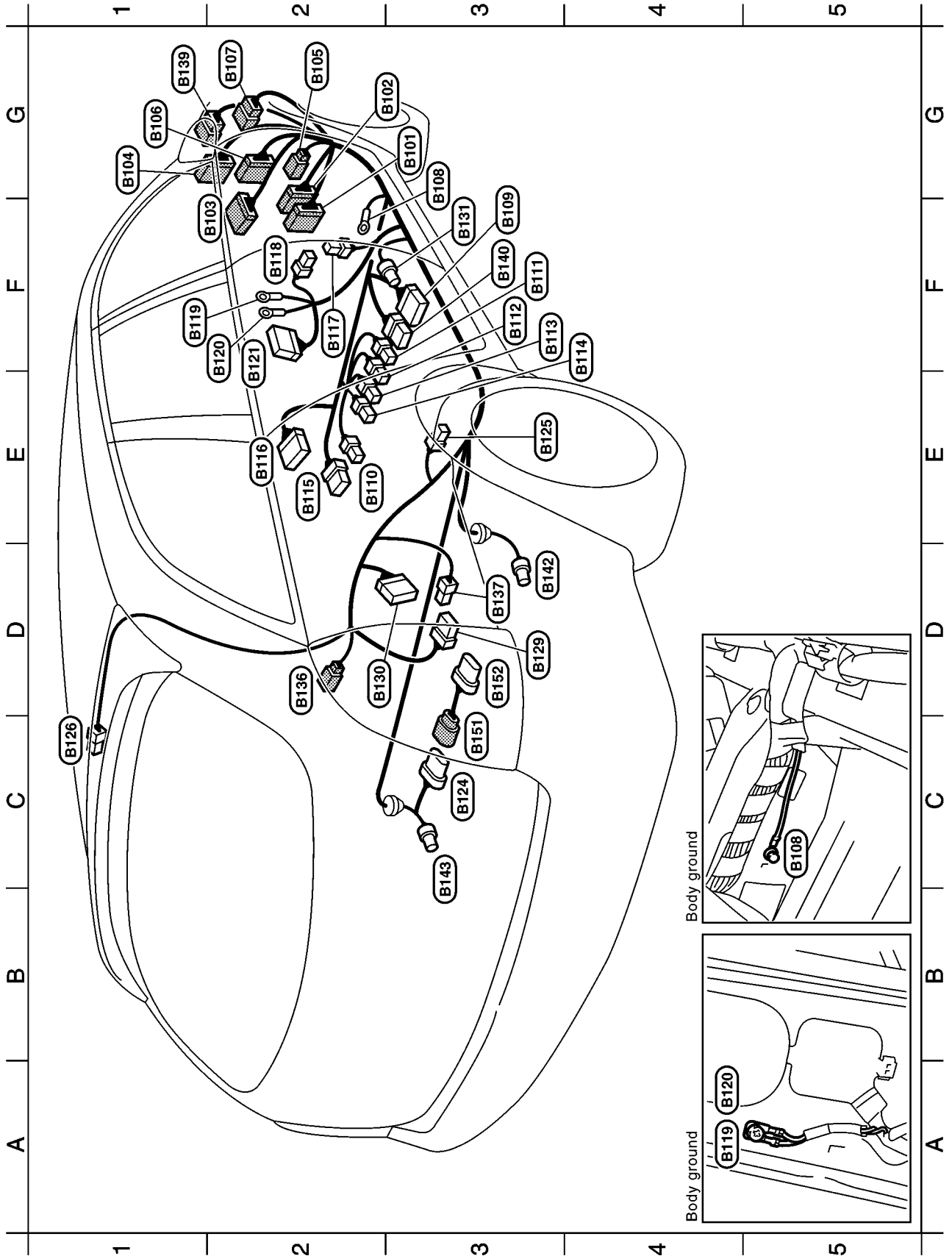


MAWA1245E

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 (With power seat)	
C3 (B113)	W/3	: Heated seat LH (With heated seat)	
C3 (B114)	Y/2	: Front LH side air bag module	
C2 (B115)	-/6	: Yaw rate /side G sensor (With ESP)	
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)	
D3 (B124)	GY/6	: To (B151) (With headlamp aiming)	
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)	
E2 (B142)	B/2	: Rear wheel sensor RH	
D3 (B143)	B/2	: Rear wheel sensor LH	

HARNESS

BODY NO.2 HARNESS/WAGON LHD MODELS

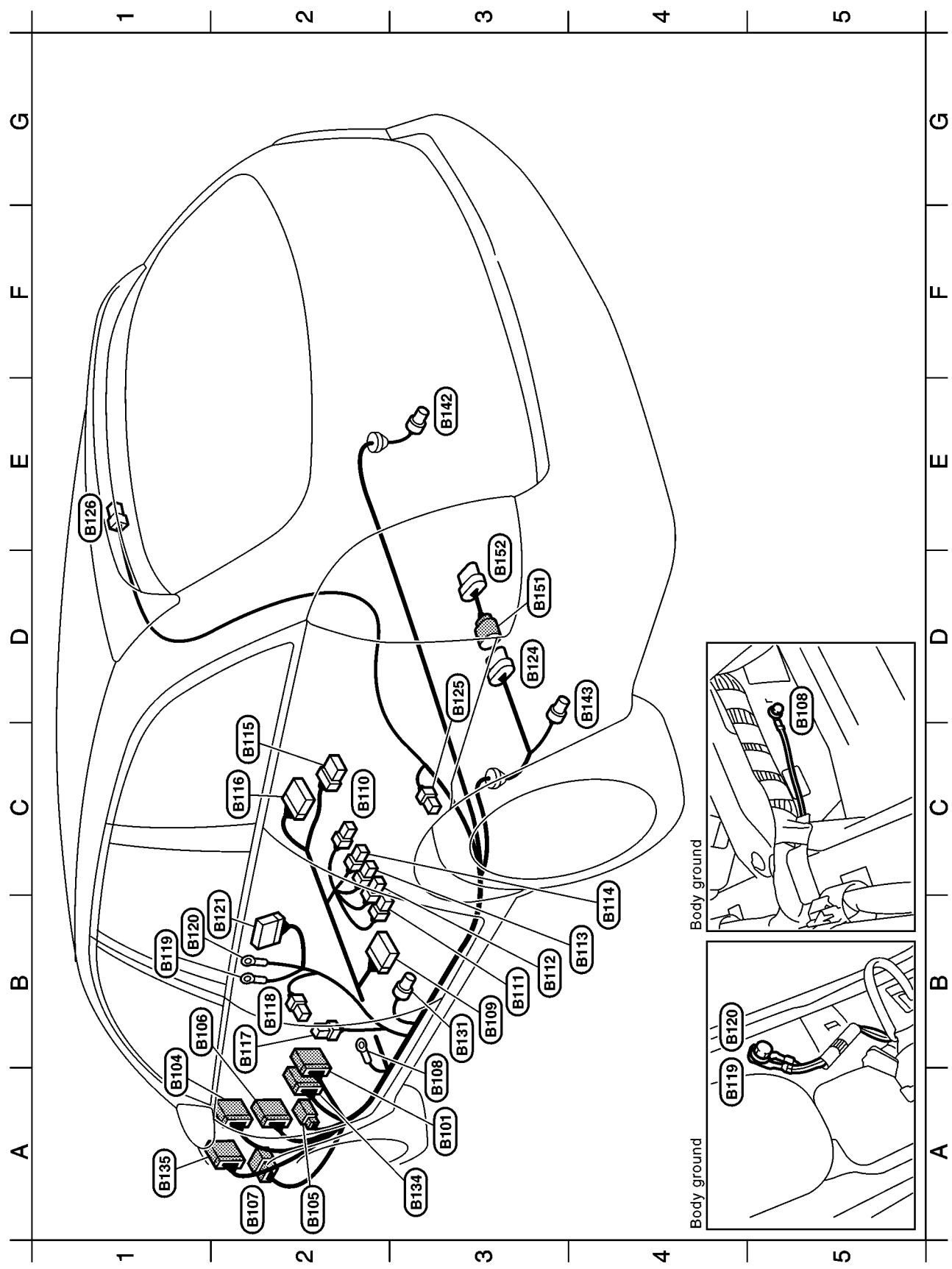


MAWA1247E

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)			
F2 (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 (With power seat)			
F3 (B113)	W/3	: Heated seat RH (With heated seat)			
F4 (B114)	Y/2	: Front RH side air bag module			
E2 (B115)	-/6	: Yaw rate /side G sensor (With ESP)			
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			
F2 (B120)	-	: Body ground			
F2 (B121)	W/12	: To (D61)			
C3 (B124)	GY/6	: To (B151) (With headlamp aiming)			
E3 (B125)	W/1	: Rear door switch RH			
C1 (B126)	Y/2	: RH side curtain air bag module			
D3 (B129)	-/6	: Siren control unit (With theft warning system)			
D2 (B130)	W/16	: Rear view camera control unit (With rear view monitor)			
F3 (B131)	Y/2	: RH side air bag (Satellite) sensor			
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 for 7-speaker models)			
F3 (B140)	W/6	: Sub woofer (With 7-speaker)			
D3 (B142)	B/2	: Rear wheel sensor RH			
C3 (B143)	B/2	: Rear wheel sensor LH			

HARNESS

BODY NO.2 HARNESS/WAGON RHD MODELS



MAWA1249E

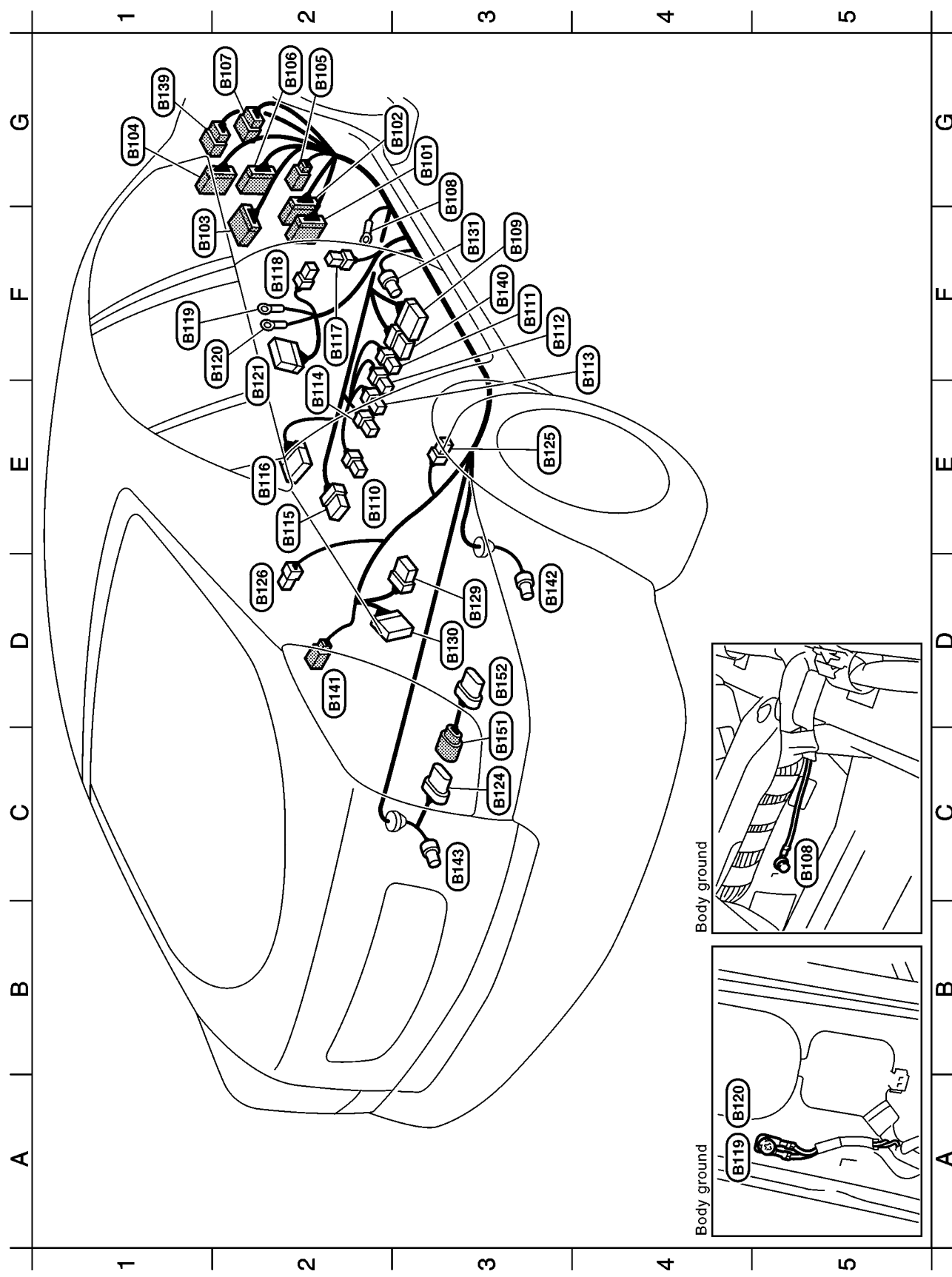
Sub-harness			
D3	(B151)	GY/6	: To (B124)
D3	(B152)	-/8	: Height sensor
A3	(B101)	W/24	: To (M87)
A1	(B104)	W/16	: To (E117) (With ESP)
A2	(B105)	W/2	: To (E118) (With ESP)
B1	(B106)	BR/16	: To (E119) (With ESP)
A2	(B107)	GY/6	: To (E120) (Without ESP)
A3	(B108)	-	: Body ground (With ESP)
B3	(B109)	B/88	: 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 (With power seat)
B4	(B113)	W/3	: Heated seat LH (With heated seat)
B4	(B114)	Y/2	: Front LH side air bag module
C2	(B115)	-/6	: Yaw rate /side G sensor (With ESP)
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)
D3	(B124)	GY/6	: To (B151) (With headlamp aiming)
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
A3	(B134)	W/12	: To (M91) (With ESP)
A1	(B135)	W/10	: To (M92) (Without ESP)
E3	(B142)	B/2	: Rear wheel sensor RH
D4	(B143)	B/2	: Rear wheel sensor 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.

A
B
C
D
E
F
G
H
I
J

HARNESS

BODY NO.2 HARNESS/HATCHBACK LHD MODELS

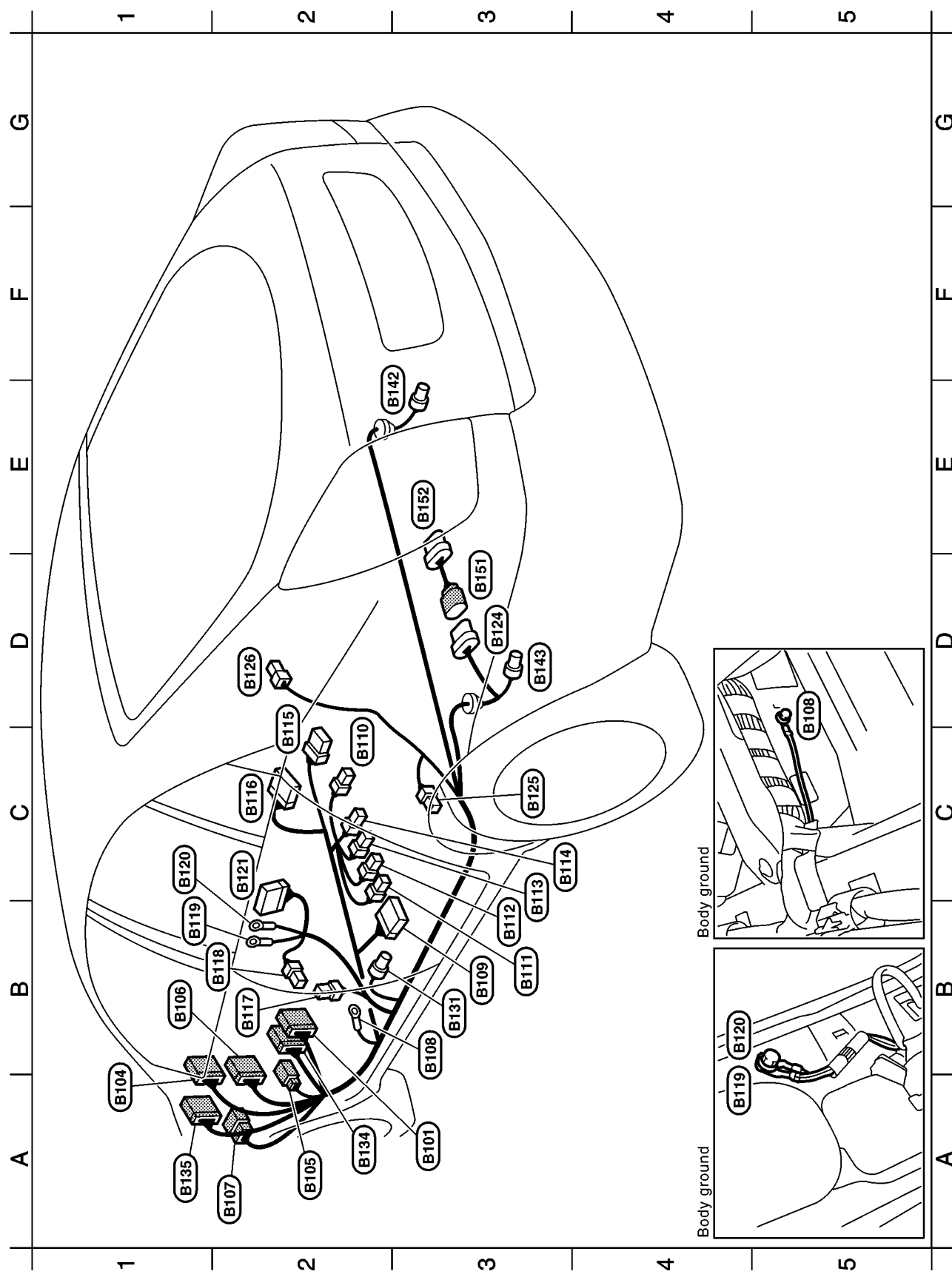


MAWA1251E

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)			
G2 (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 (With power seat)			
F4 (B113)	W/3	: Heated seat RH (With heated seat)			
E2 (B114)	Y/2	: Front RH side air bag module			
E2 (B115)	-/6	: Yaw rate /side G sensor (With ESP)			
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)			
C3 (B124)	GY/6	: To (B151) (With headlamp aiming)			
E3 (B125)	W/1	: Rear door switch RH			
D2 (B126)	Y/2	: RH side curtain air bag module			
D3 (B129)	-/6	: Siren control unit (With theft warning system)			
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 for 7-speaker models)			
F3 (B140)	W/6	: Sub woofer (With 7-speaker)			
D2 (B141)	W/3	: To (B93) (With rear view monitor)			
D3 (B142)	B/2	: Rear wheel sensor RH			
C3 (B143)	B/2	: Rear wheel sensor LH			

HARNESS

BODY NO.2 HARNESS/HATCHBACK RHD MODELS



MAWA1253E

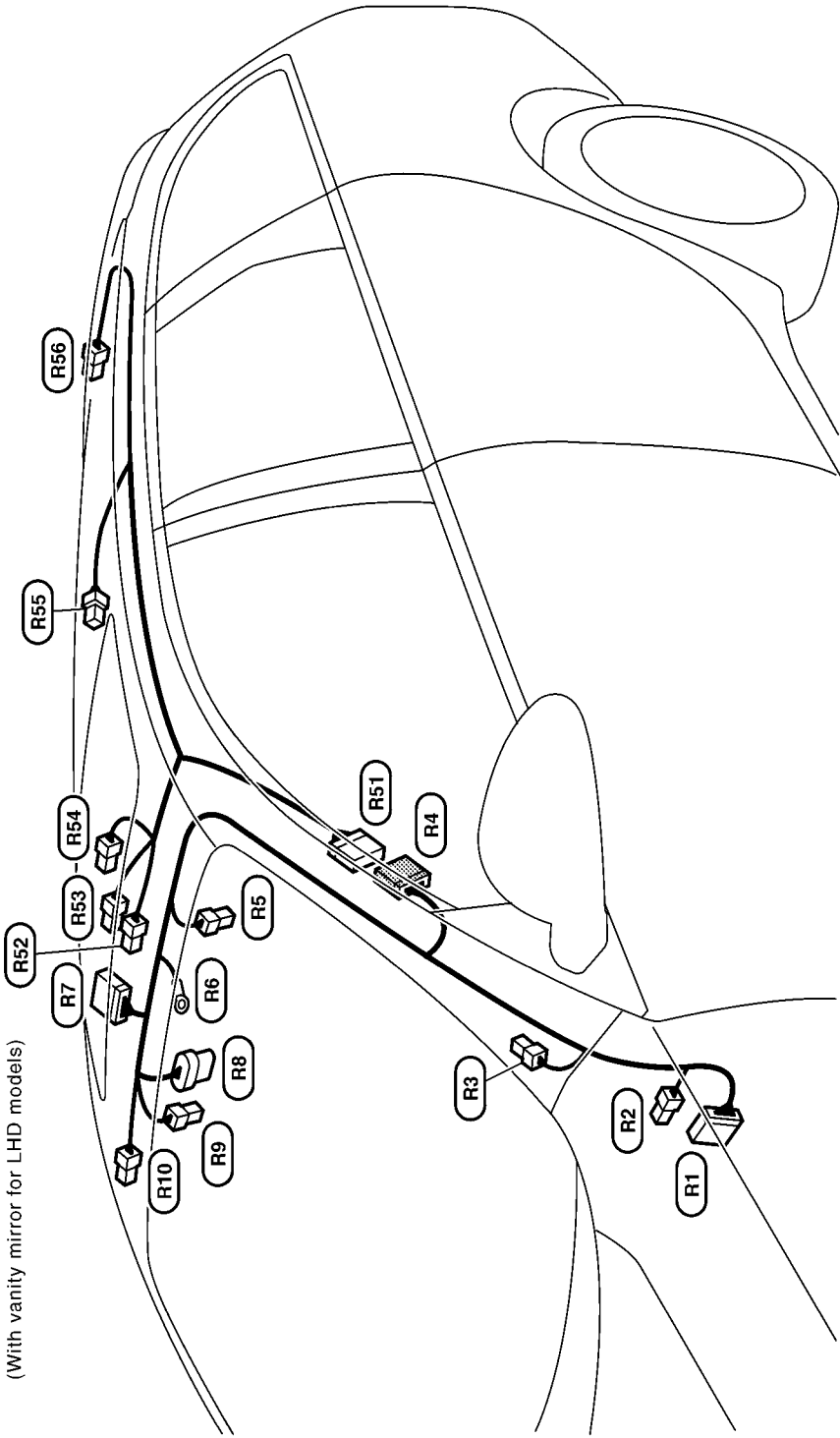
Sub-harness			D3 (B151) GY/6 : To (B124)
			E3 (B152) -/8 : Height sensor
A3 (B101)	W/24	: To (M87)	
A1 (B104)	W/16	: To (E117) (With ESP)	
A2 (B105)	W/2	: To (E118) (With ESP)	
B1 (B106)	BR/16	: To (E119) (With ESP)	
A2 (B107)	GY/6	: To (E120) (Without ESP)	
B3 (B108)	-	: Body ground (With ESP)	
B3 (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 (With power seat)	
C3 (B113)	W/3	: Heated seat LH (With heated seat)	
C3 (B114)	Y/2	: Front LH side air bag module	
C2 (B115)	-/6	: Yaw rate /side G sensor (With ESP)	
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)	
D3 (B124)	GY/6	: To (B151) (With headlamp aiming)	
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)	
E3 (B142)	B/2	: Rear wheel sensor RH	
D3 (B143)	B/2	: Rear wheel sensor LH	

HARNESS

ROOM LAMP HARNESS

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

(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
(R6)	-	(With vanity mirror for RHD models)
(R7)	-	Body ground (With sunroof)
(R8)	-/12	Sunroof motor (With sunroof)
(R9)	-/6	Auto anti-dazzling inside mirror
(R10)	-/4	(With auto-dazzling inside mirror)
(R11)	B/2	Rain sensor (With rain sensor)
(R12)	B/2	Vanity mirror RH
(R13)	B/2	(With vanity mirror for LHD models)



HARNESS

FRONT DOOR HARNESS LH SIDE/LHD MODELS

- D1

W/12

:

To

M14
- D2

W/16
- :
- To
- M15

D3

GY/8

:

Door mirror actuator LH

D4

W/2

:

Front door speaker LH

D5

-/6

:

Front power window regulator and control unit

D6

W/16

:

Power window main switch

D7

-/2

:

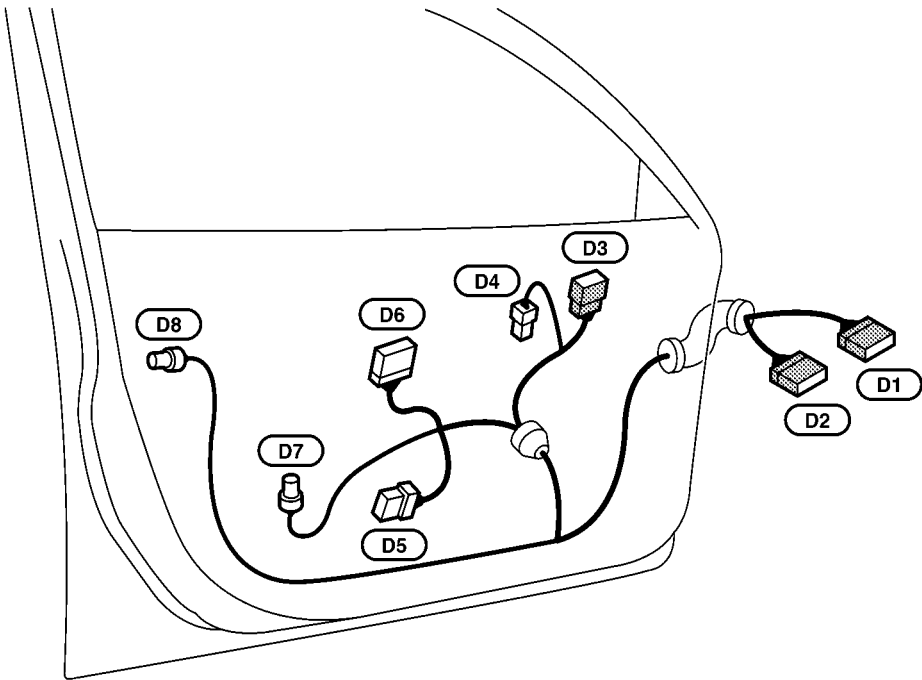
Door step lamp LH (With door step lamp)

D8

-/4

:

Front door lock actuator LH



MAWA1256E

FRONT DOOR HARNESS LH SIDE/RHD MODELS

- D31

W/16

:

To

M86
- D32

GY/8
- :
- Door mirror actuator LH
- D33

W/2
- :
- Front door speaker LH
- D34

-/2
- :
- Front power window regulator LH

D35

W/8

:

Front power window switch LH

D36

-/2

:

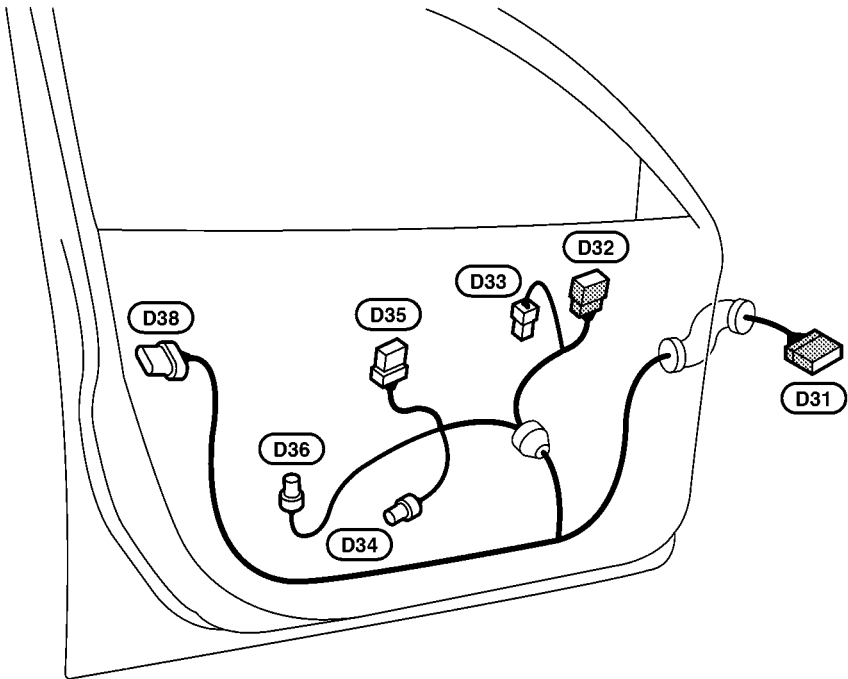
Door step lamp LH (With door step lamp)

D38

-/6

:

Front door lock actuator LH

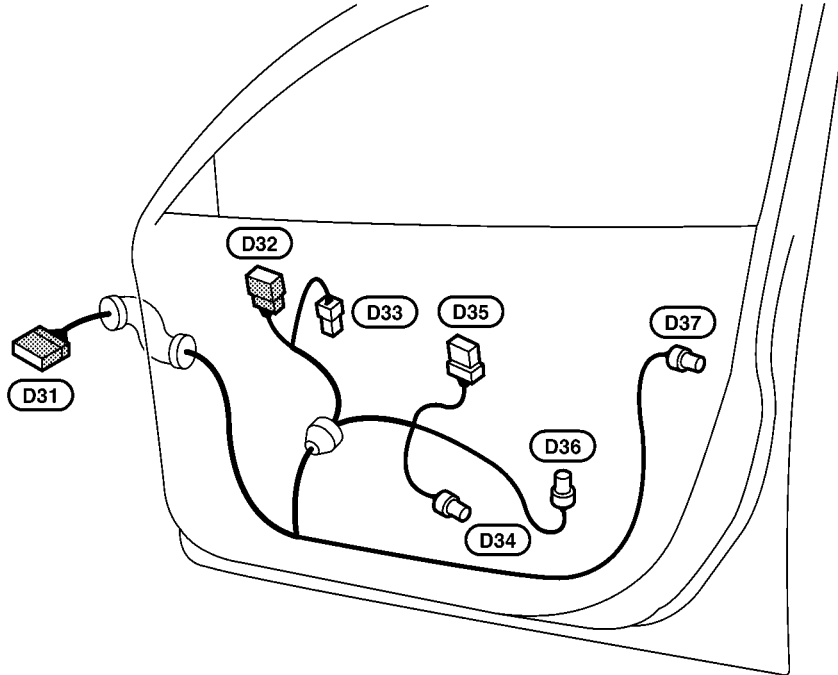


MAWA1257E

HARNESS

FRONT DOOR HARNESS RH SIDE/LHD MODELS

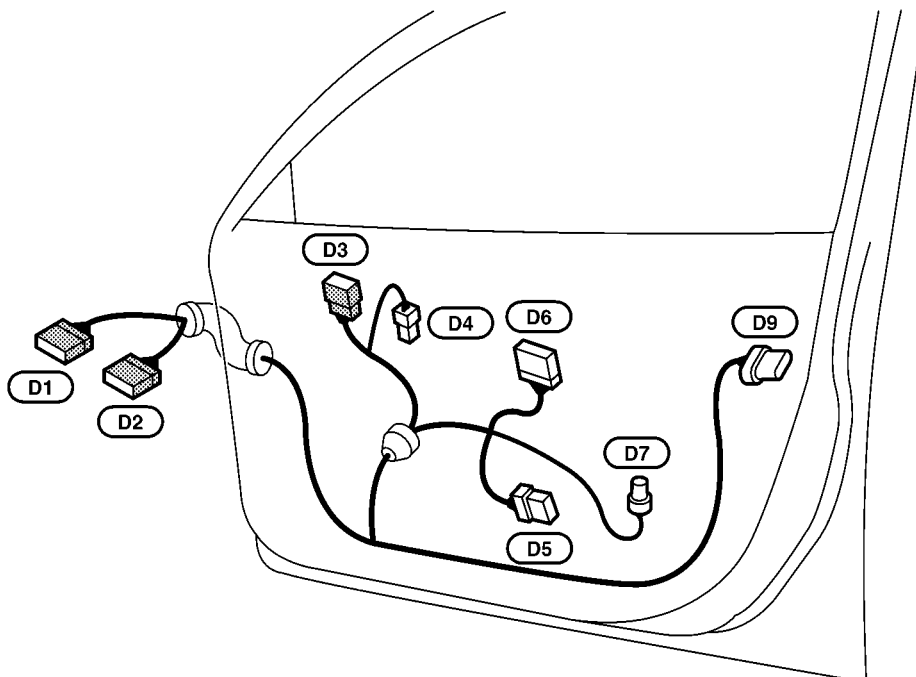
- | | | | | | |
|------------|---|---------------------------------|-----------|---|---|
| (D31) W/16 | : | To (M86) | (D35) W/8 | : | Front power window switch RH |
| (D32) GY/8 | : | Door mirror actuator RH | (D36) -/2 | : | Door step lamp RH (With door step lamp) |
| (D33) W/2 | : | Front door speaker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



MAWA1258E

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 (With door step lamp) |
| (D4) W/2 | : | Front door speaker RH | (D9) -/6 | : | Front door lock actuator RH |

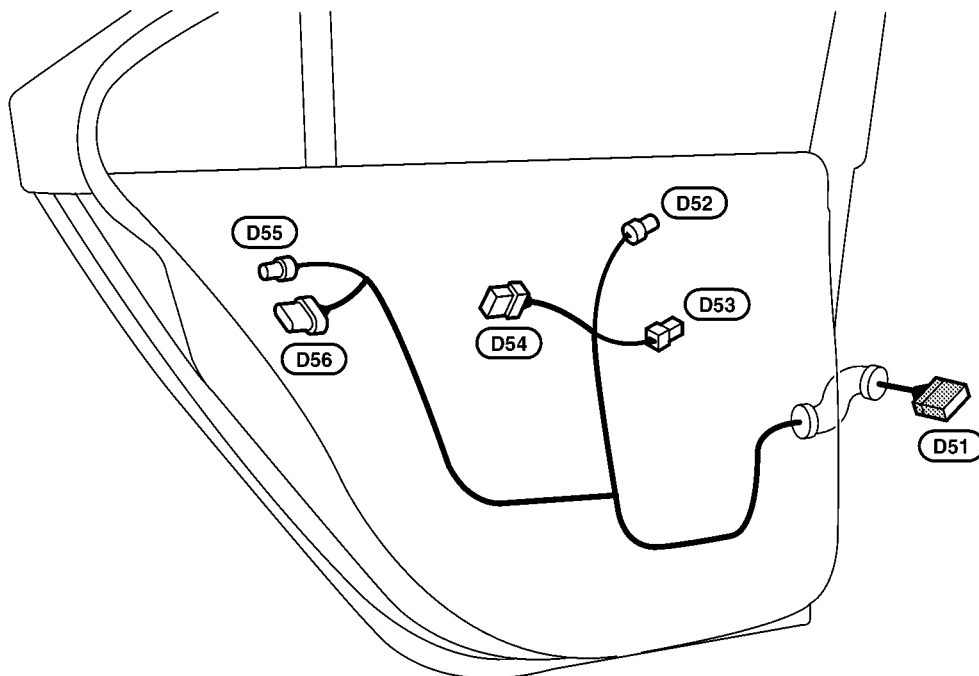


MAWA1259E

HARNESS

REAR DOOR HARNESS LH

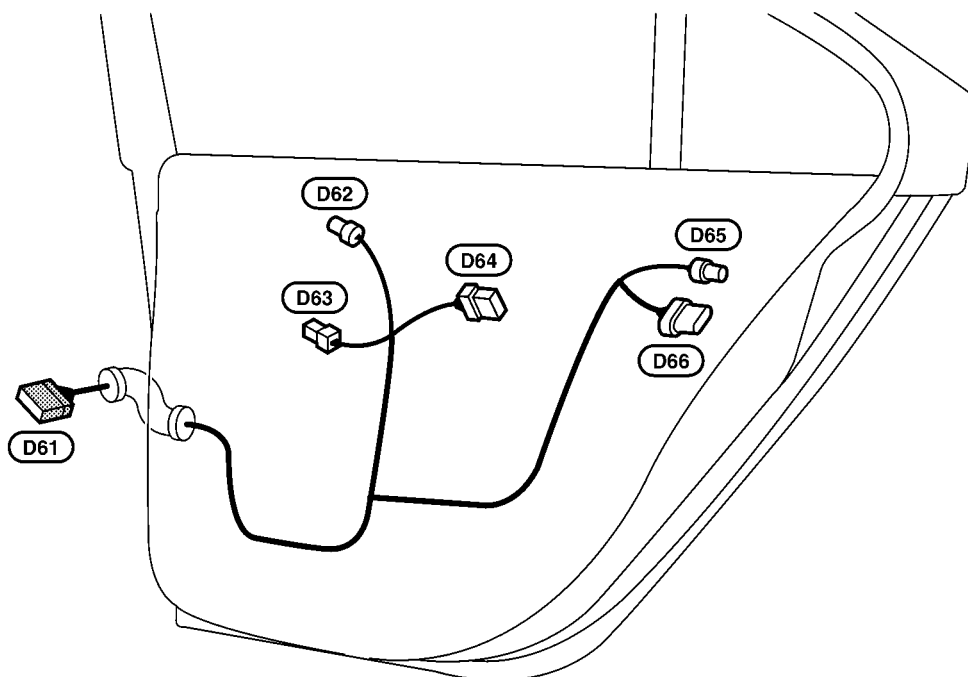
- | | |
|--|---|
| (D51) W/12 : To (B19) (LHD models)
To (B121) (RHD models) | (D54) W/8 : Rear power window switch LH
(With rear power window) |
| (D52) -/2 : Rear power window regulator LH
(With rear power window) | (D55) -/4 : Rear door lock actuator LH (LHD models) |
| (D53) W/2 : Rear door speaker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



MAWA1260E

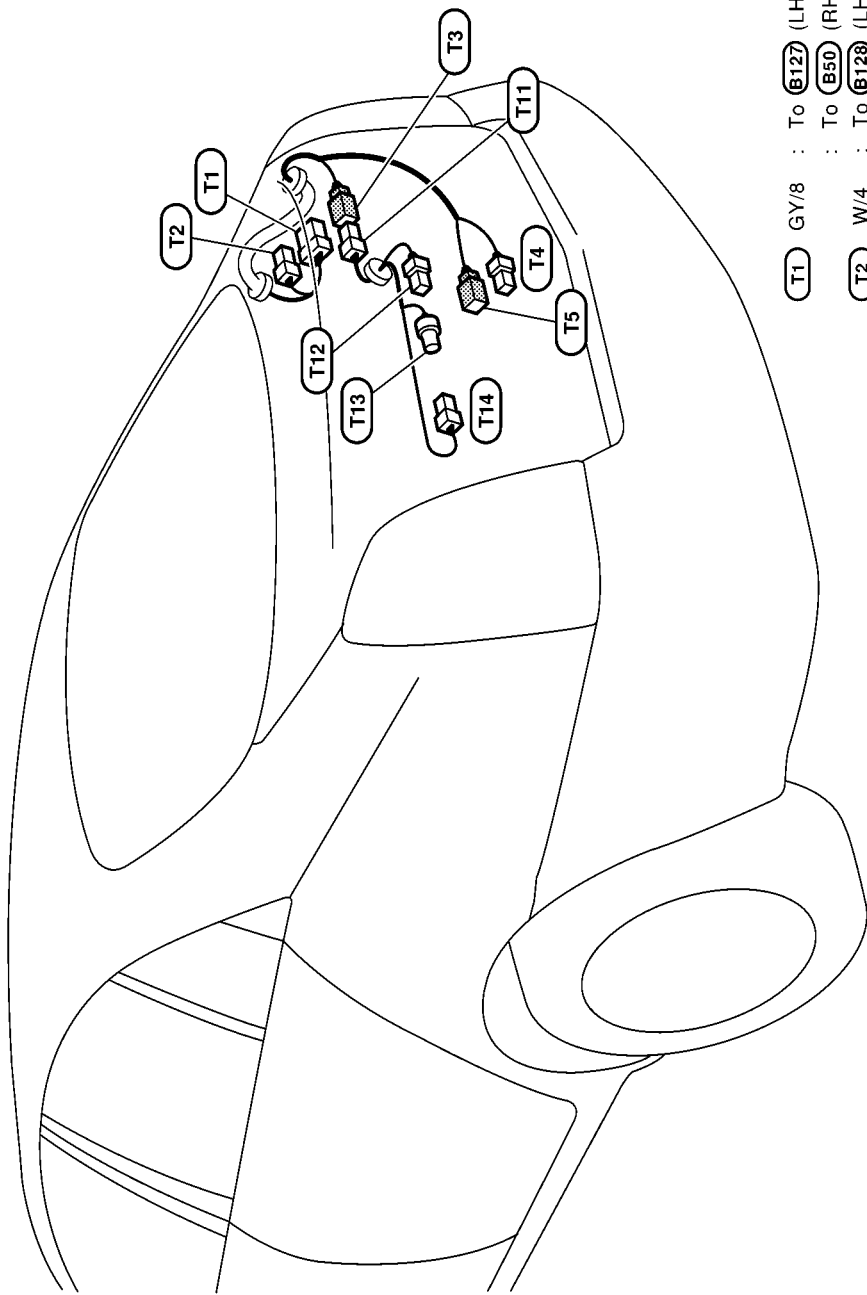
REAR DOOR HARNESS RH

- | | |
|--|---|
| (D61) W/12 : To (B121) (LHD models)
To (B19) (RHD models) | (D64) W/8 : Rear power window switch RH
(With rear power window) |
| (D62) -/2 : Rear power window regulator RH
(With rear power window) | (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) |



MAWA1261E

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

- D81

W/12

:

To

D35
- D82

W/4

:

To

D36
- D83

W/2

:

To

D37
- D84

W/2

:

High-mounted stop lamp
- D85

B/1

:

Rear window defogger
- D88

W/2

:

Rear fog lamp
- D89

-/3

:

Rear wiper motor
- D90

-/4

:

Back door release actuator
- D91

W/4

:

Rear view camera
- D92

W/3

:

To

D101
- D93

W/2

:

Back-up lamp switch
- D94

-

:

Body ground
- D95

B/1

:

Rear window defogger
- D101

W/3

:

To

D92
- D102

-/2

:

License plate lamp RH
- D103

GY/2

:

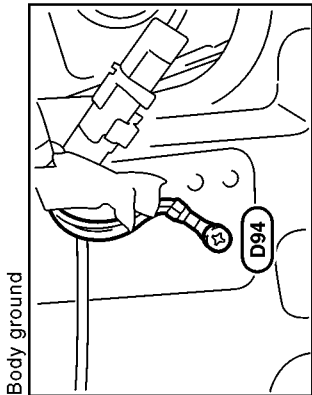
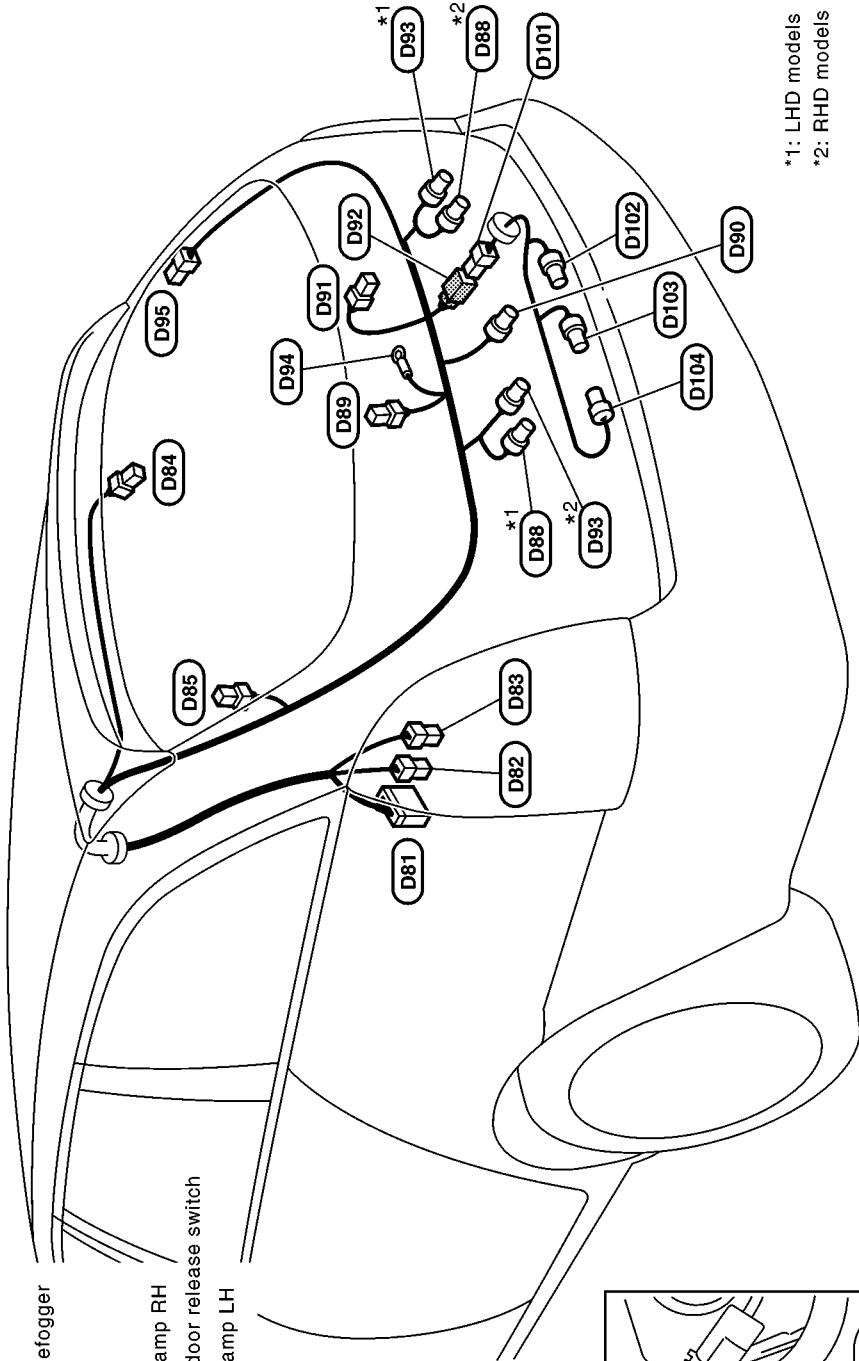
External back door release switch
- D104

-/2

:

License plate lamp LH

License sub-harness



HARNESS

Wiring Diagram Codes (Cell Codes)

EKS00A0E

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
4THSIG	AT	A/T 4TH Signal
A/C	ATC	Air Conditioner
A/CCUT	EC	Air Conditioner Cut Control
A/WIP	WW	Wiper and Washer - Auto
ABS	BRC	Anti-lock Brake System
APP1PW	EC	Accelerator Pedal Position Sensor 1 Power
APP2PW	EC	Accelerator Pedal Position Sensor 2 Power
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
ASCBOW	EC	ASCD Brake Switch
ASC/BS	EC	ASCD Brake Switch
ASCIND	EC	ASCD Indicator
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/Turbo charger Boost 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
CAS	EC	Crank Angle Sensor
CHARGE	SC	Charging System
CHIME	DI	Warning Chime
CIGAR	WW	Cigarette Lighter
CKPS	EC	Crankshaft Position Sensor (TDC)
CLOCK	DI	Clock
CLT/SW	EC	ASCD Clutch Switch
CMPS	EC	Camshaft Position Sensor
COMM	AV	Audio Visual Communication Line
COMM	DI	VFD, LCD Display
COOL/F	EC	Cooling Fan Control
CRFPS	EC	Common Rail Fuel Pressure Sensor

HARNESS

Code	Section	Wiring Diagram Name	
CSS	EC	Camshaft Position Sensor	A
D/LOCK	BL	Power Door Lock	
DEF	GW	Rear Window Defogger	B
DTRL	LT	Headlamp - With Daytime Light System	
ECM/PW	EC	ECM Power Supply	
ECMRLY	EC	ECM Relay	C
ECTS	EC	Engine Coolant Temperature Sensor	
EDU	EC	EDU	D
EGRC/V	EC	EGR Volume Control System	
ENGSS	AT	Engine Speed Signal	
ENGSS	CVT	Engine Speed Signal	E
ESP	BRC	Vehicle Dynamics Control System	
ETC1	EC	Electrical Throttle Control Function	
ETC2	EC	Electrical Throttle Control Motor Relay	F
ETC3	EC	Electrical Throttle Control Motor	
F/FOG	LT	Front Fog Lamp	G
F/PUMP	EC	Fuel Pump	
FIAR	EC	Fuel Injector Adjustment Resistor	
FLG	EC	Flow Governor	H
FRO2	EC	Heated Oxygen Sensor 1	
FRO2B1	EC	Heated Oxygen Sensor 1 Bank 1	I
FRO2B2	EC	Heated Oxygen Sensor 1 Bank 2	
FRPS	EC	Fuel Rail Pressure Sensor	
FTS	AT	A/T Fluid Temperature Sensor	J
FTS	CVT	CVT Fluid Temperature Sensor	
FTS	EC	Fuel Temperature Sensor/Fuel Pump (Fuel Pump Temperature Sensor)	PG
FUEL	EC	Fuel Injection System Function	
FUELB1	EC	Fuel Injection System Function (Bank 1)	
FUELB2	EC	Fuel Injection System Function (Bank 2)	L
GLOW	EC	Glow Control System	
H/AIM	LT	Headlamp Aiming Control System	M
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	
HORN	WW	Horn	
I/MIRR	GW	Inside Mirror (Auto Anti-dazzling mirror)	
IATS	EC	Intake Air Temperature sensor	
IATSEN	EC	Intake Air Temperature sensor	
ICC/BS	EC	Intelligent Cruise Control System - ICC Brake Switch	
ICC/SW	EC	Intelligent Cruise Control System - ICC Steering Switch	

HARNESS

Code	Section	Wiring Diagram Name
ICCB0F	EC	Intelligent Cruise Control System - ICC Brake Switch
IFA	CEC	IFA Solenoid Valve
IGNSYS	EC	Ignition Signal
ILL	LT	Illumination
INJ/PW	EC	Injector Power Supply
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
LPS	CVT	Line Pressure Solenoid Valve
LPSV	AT	Line Pressure Solenoid Valve
LPSV	CVT	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
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 2
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
PHASE	EC	Camshaft Position Sensor (PHASE)
PHONE	AV	Telephone
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)
POWER	PG	Power Supply Routing

HARNESS

Code	Section	Wiring Diagram Name
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 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
RRO2B1	EC	Heated Oxygen Sensor 2 Bank 1
RRO2B2	EC	Heated Oxygen Sensor 2 Bank 2
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
SWL/V	EC	Swirl Control Valve Control Solenoid Valve
T/PLUG	EC	Thermo Plug
T/WARN	WT	Tyre Pressure Monitoring System
TAIL/L	LT	Parking, License, Tail and Stop Lamps
TCA	EC	TCA Solenoid Valve
TCC/V	EC	Turbocharger Boost Control Solenoid Valve
TCV	AT	Torque Converter Clutch Solenoid Valve
TCV	CVT	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)
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

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HARNESS

Code	Section	Wiring Diagram Name
VSSMTR	AT	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

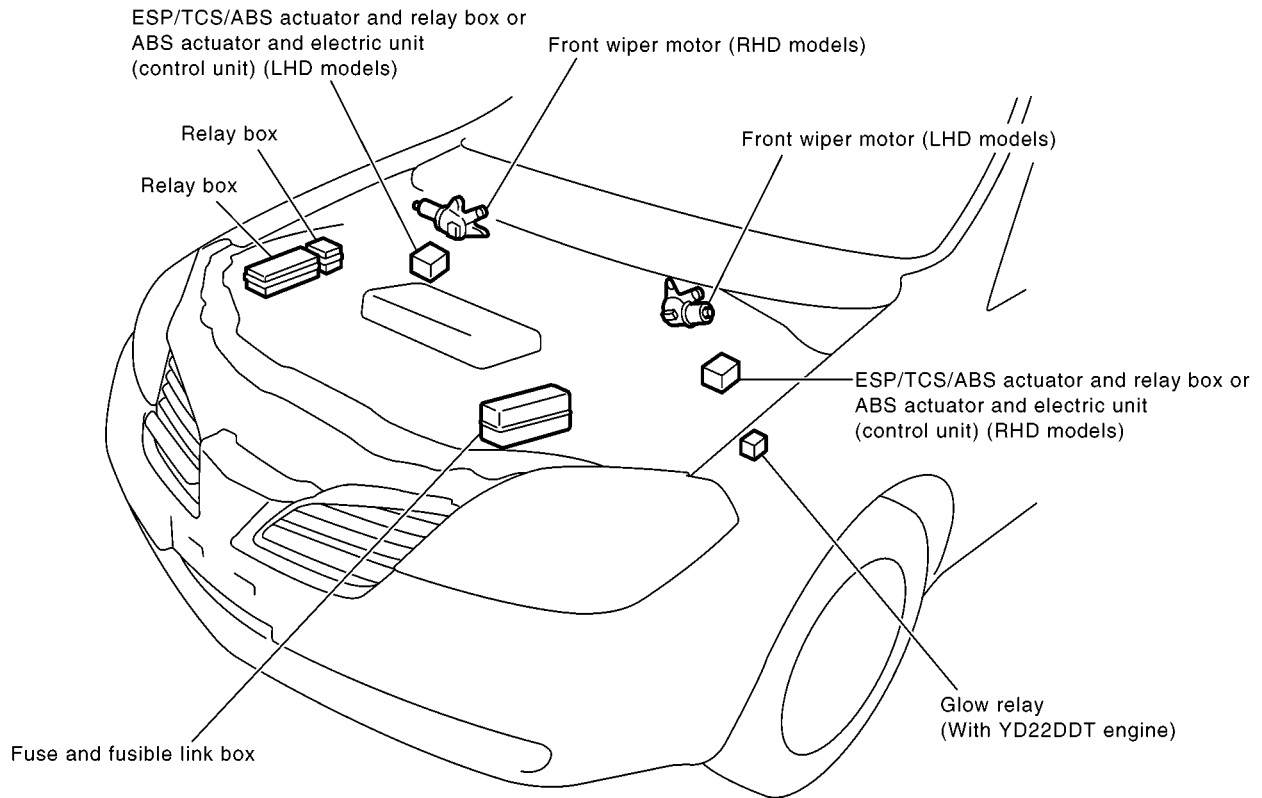
ELECTRICAL UNITS LOCATION

PPF:25230

Electrical Units Location

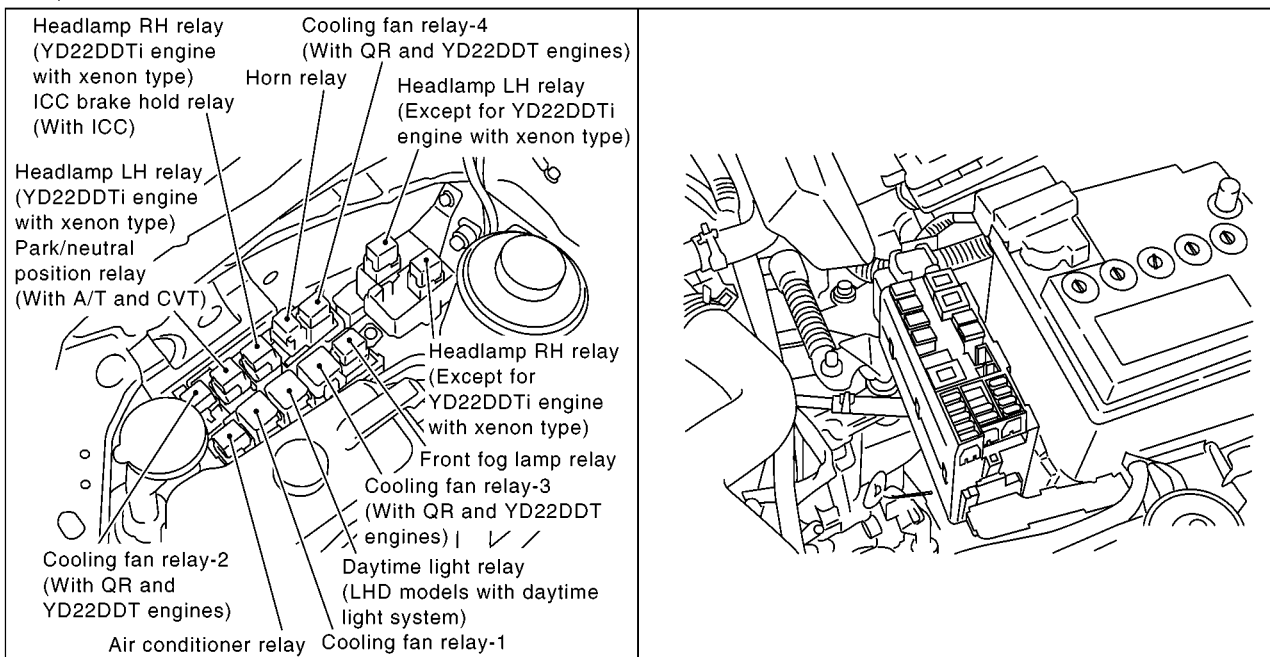
ENGINE COMPARTMENT /EXCEPT FOR F9Q ENGINE

EKS00A0F



Relay box

Fuse and fusible link box



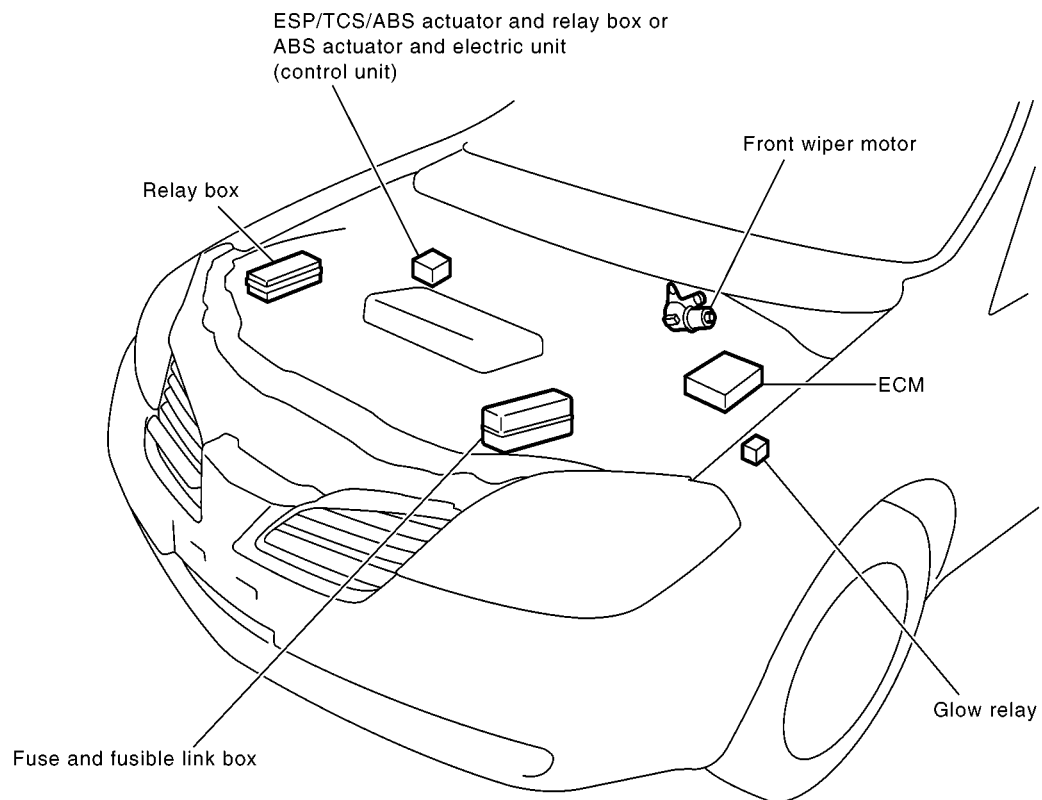
PG

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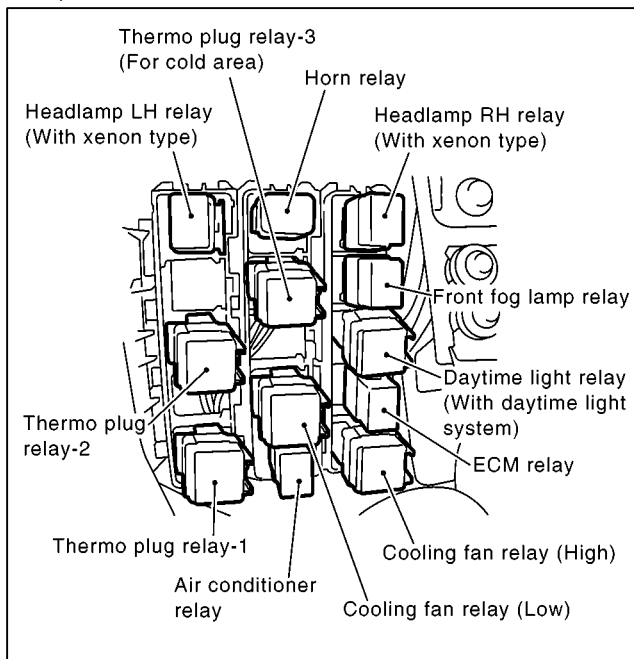
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ELECTRICAL UNITS LOCATION

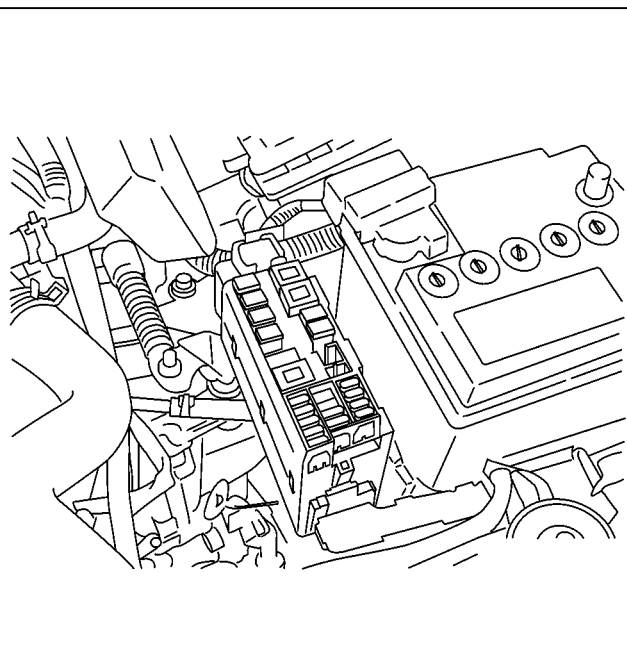
ENGINE COMPARTMENT /FOR F9Q ENGINE



Relay box



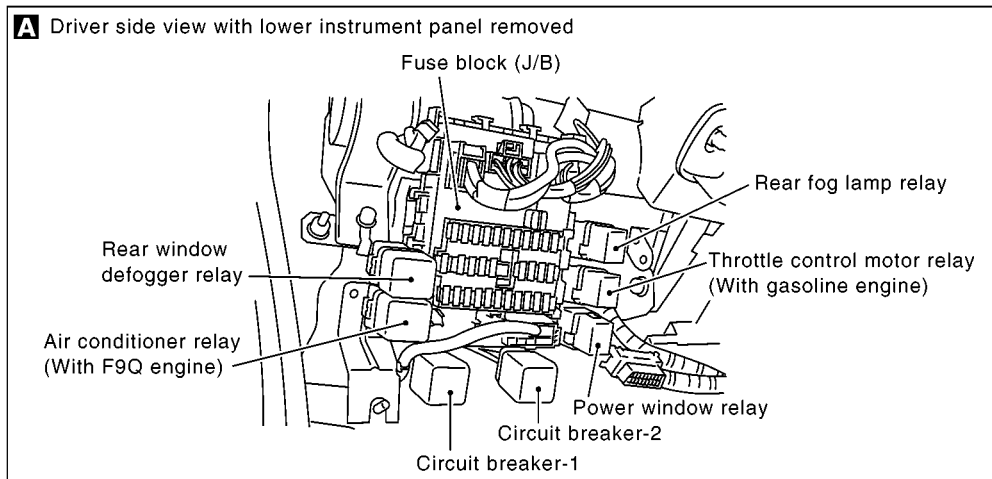
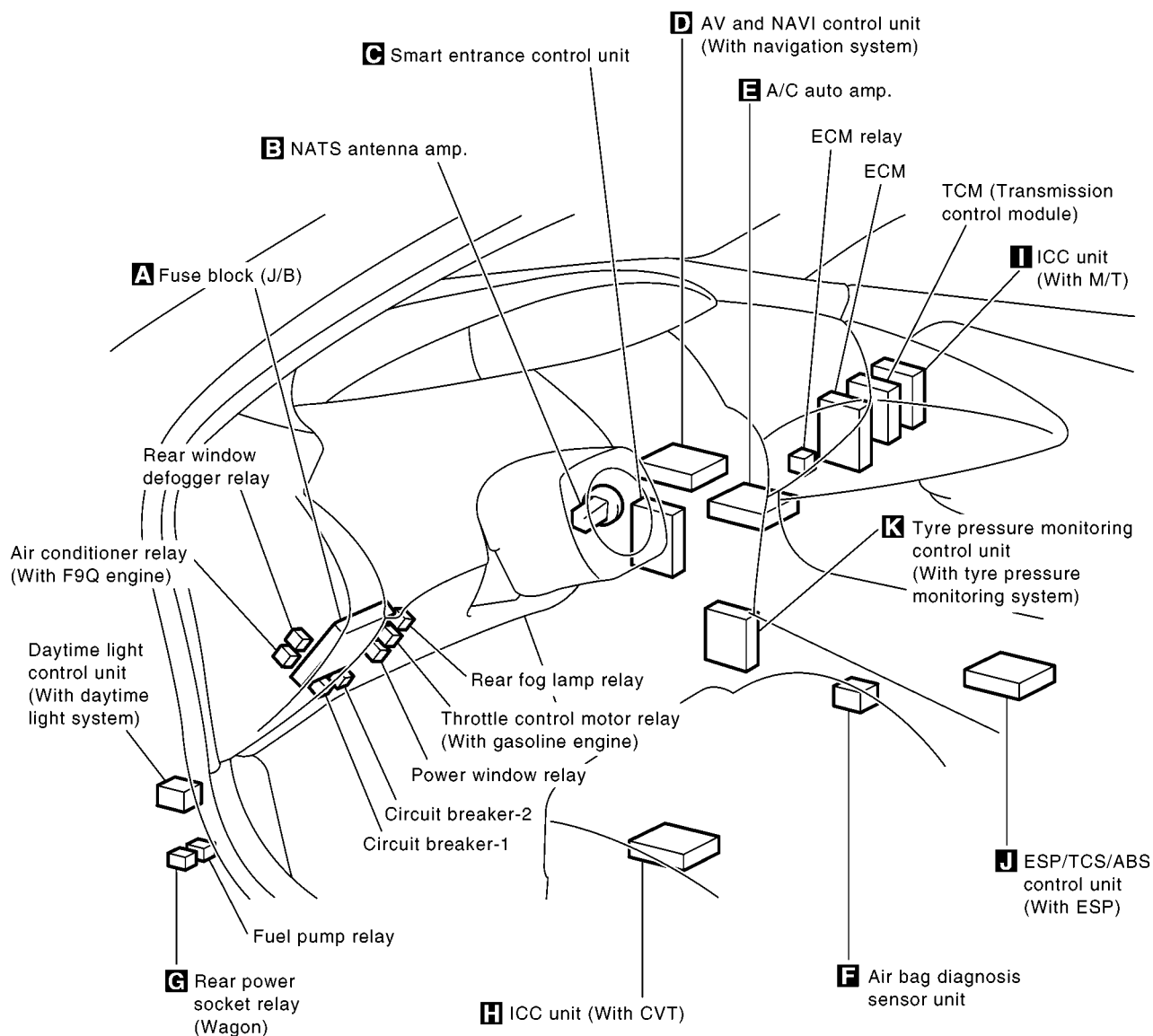
Fuse and fusible link box



ELECTRICAL UNITS LOCATION

PASSENGER COMPARTMENT/LHD MODELS

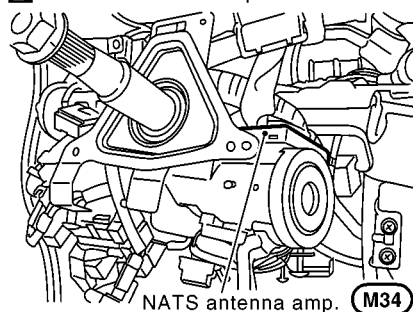
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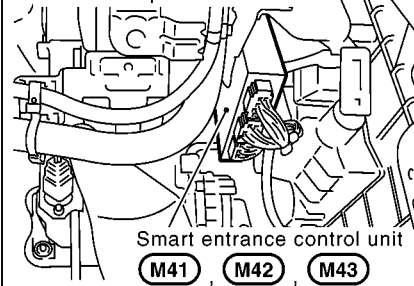
MAWA1191E

ELECTRICAL UNITS LOCATION

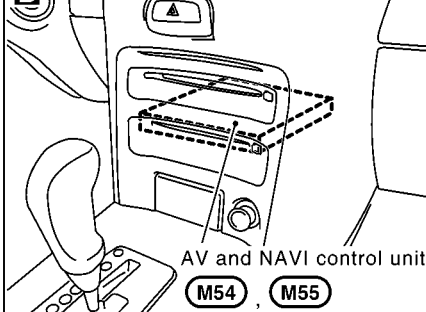
B View with instrument panel removed



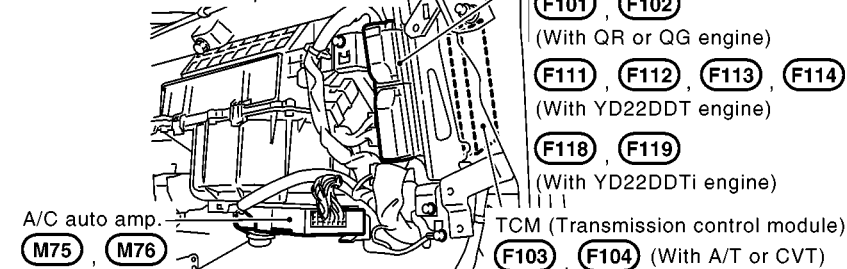
C View with lower instrument panel removed



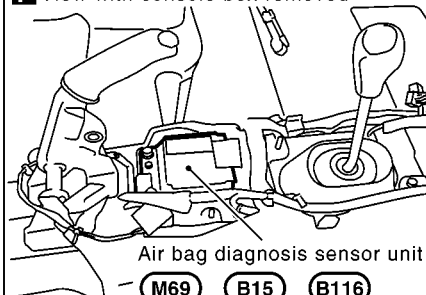
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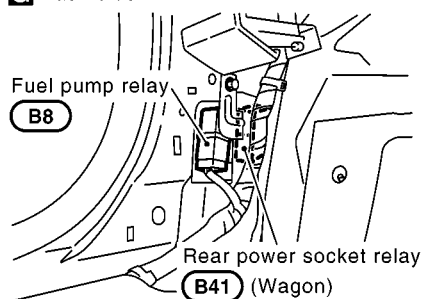
E Passenger side view with lower instrument panel removed



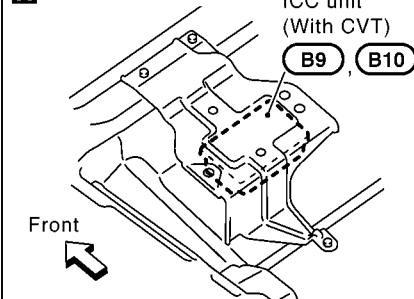
F View with console box removed



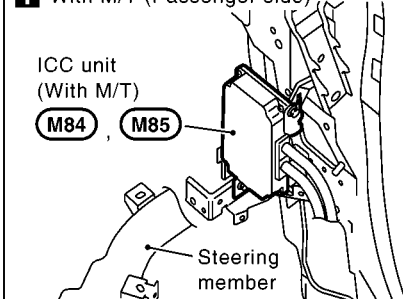
G Dash side LH



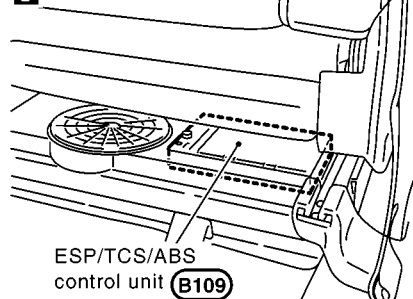
H Under the driver's seat



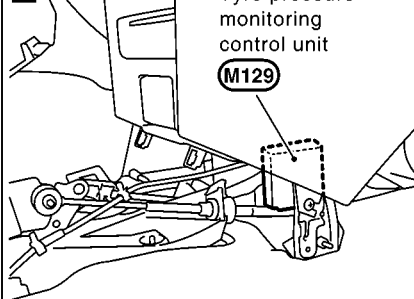
I With M/T (Passenger side)



J

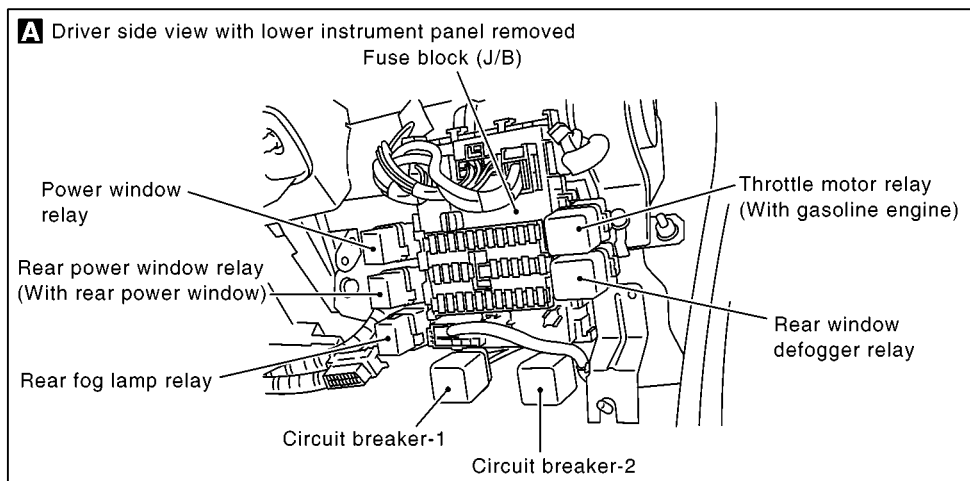
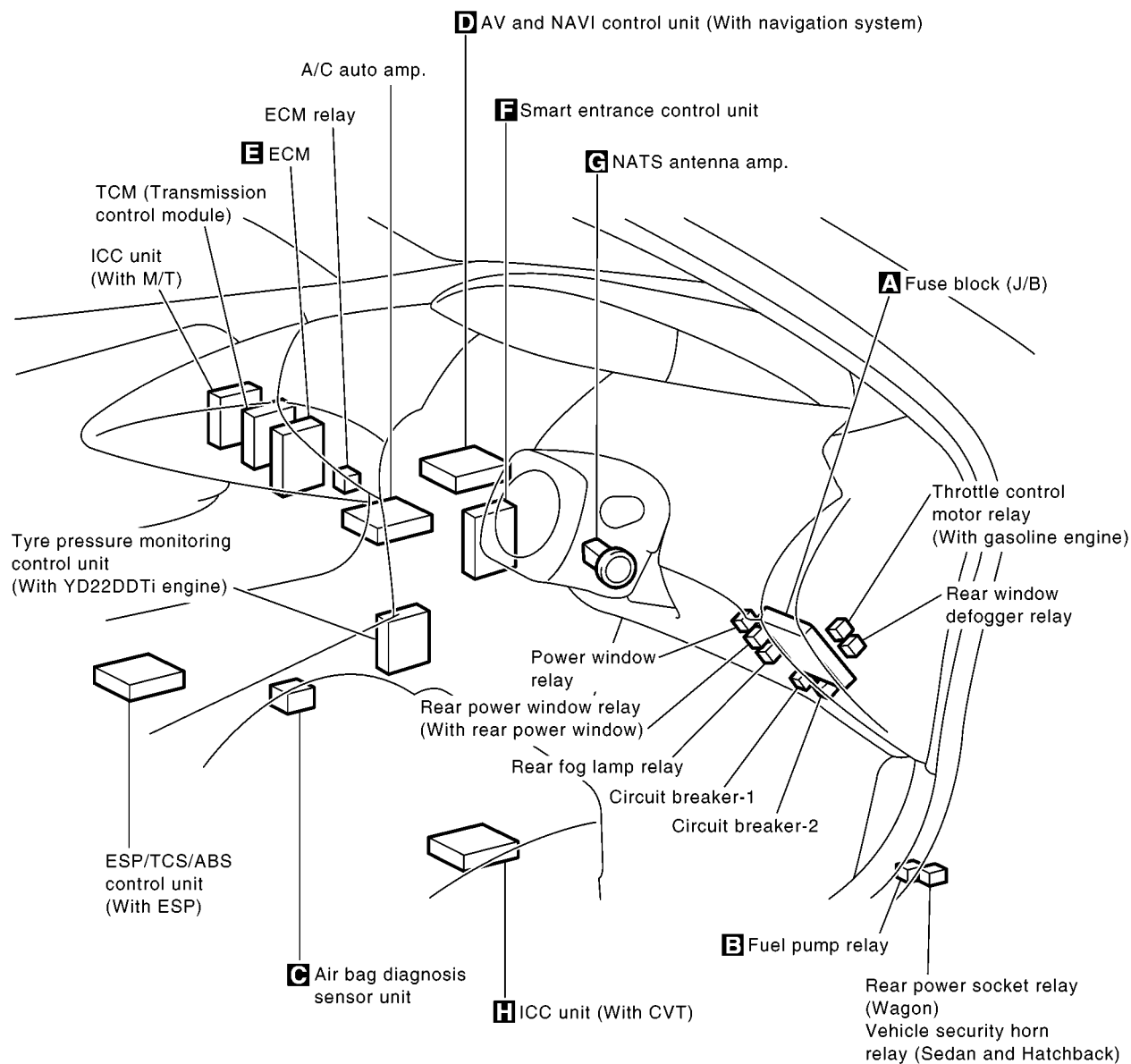


K



ELECTRICAL UNITS LOCATION

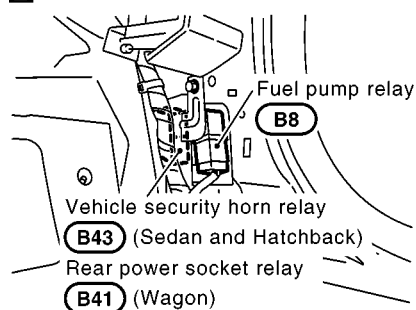
PASSENGER COMPARTMENT/RHD MODELS



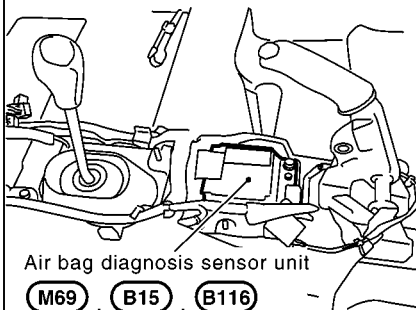
MAWA1193E

ELECTRICAL UNITS LOCATION

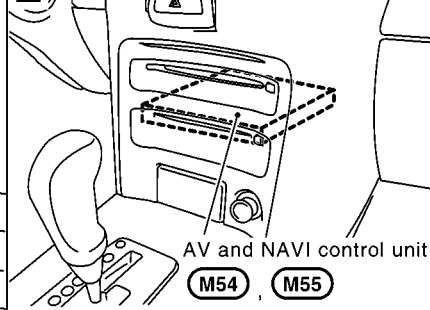
B Dash side LH



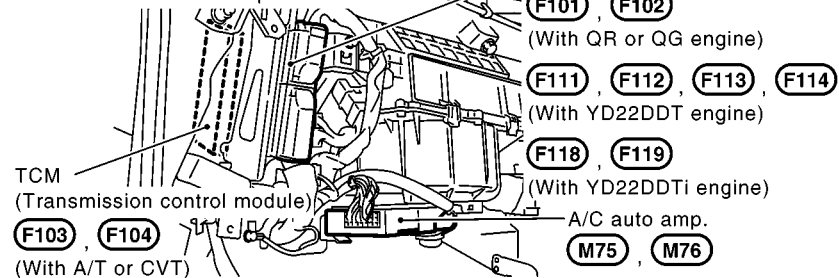
C View with console box removed



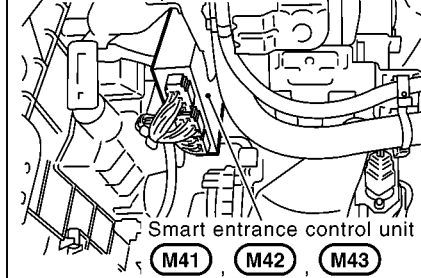
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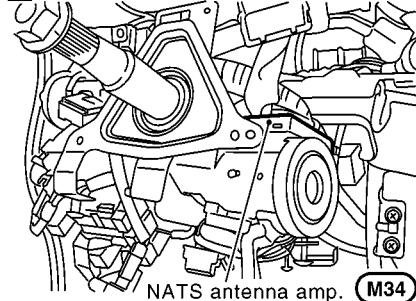
E Passenger side view
with lower instrument panel removed



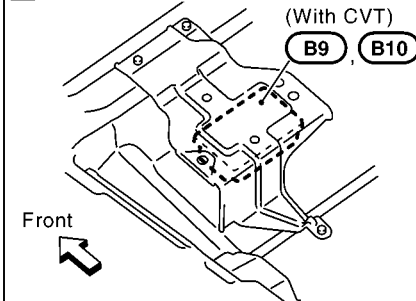
F View with lower
instrument panel removed



G View with instrument panel removed

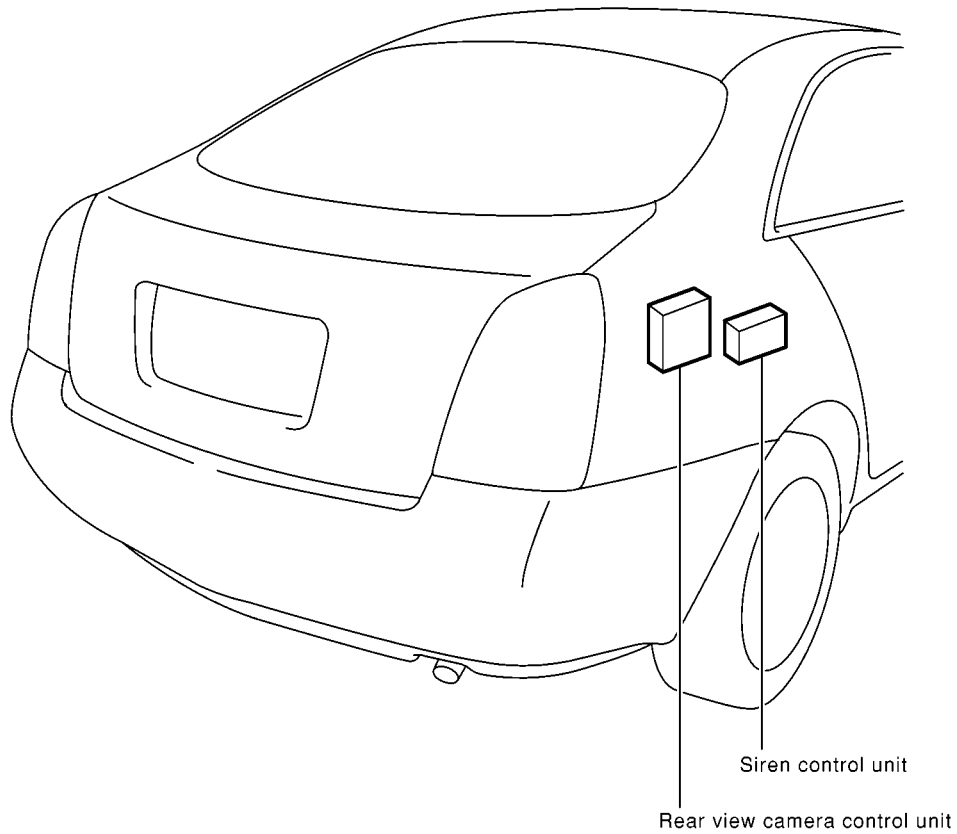


H Under the driver's seat ICC unit



ELECTRICAL UNITS LOCATION

TRUNK ROOM COMPARTMENT



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HARNESS CONNECTOR

HARNESS CONNECTOR

PFP:00011

Description

HARNESS CONNECTOR (TAB-LOCKING TYPE)

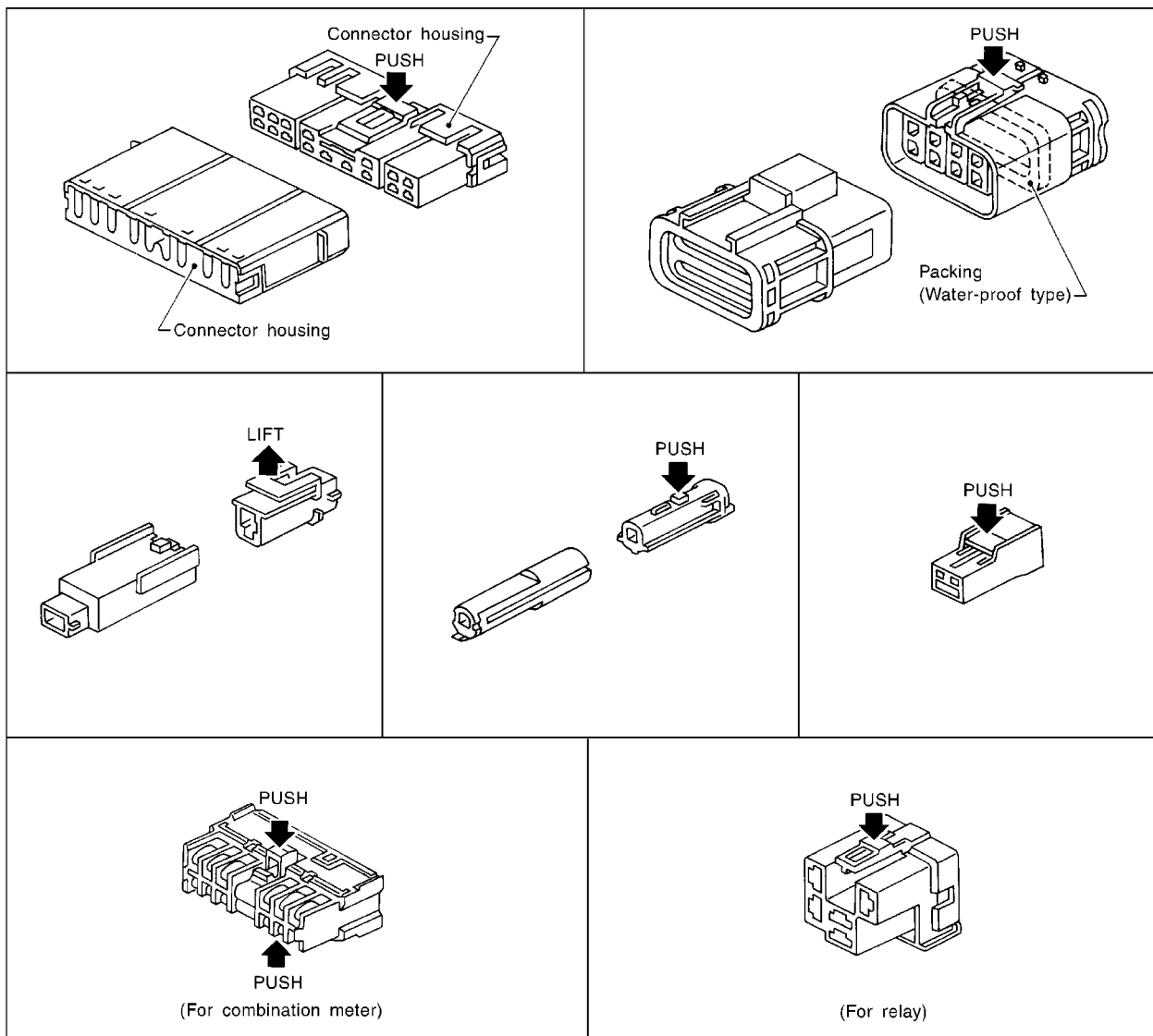
EKS00A0G

- 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.

CAUTION:

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

[Example]



SEL769DA

HARNESS CONNECTOR

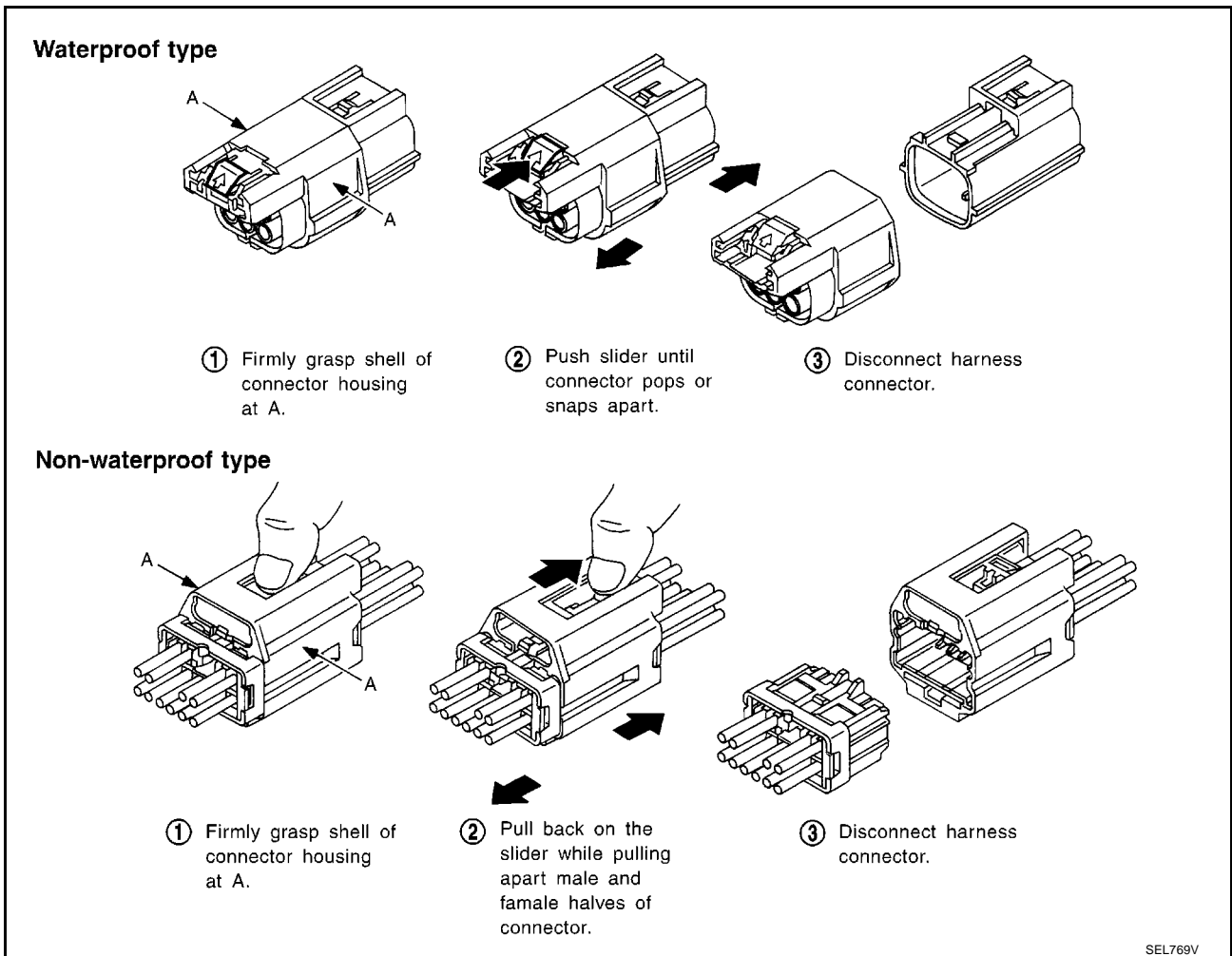
HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

- The 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]



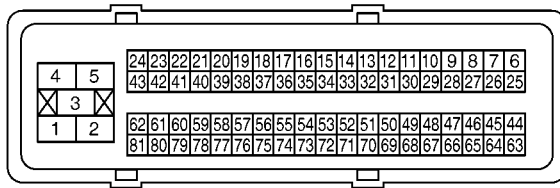
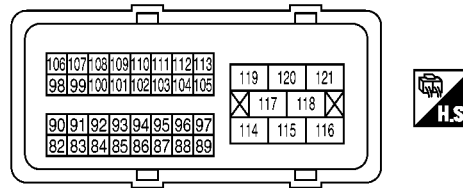
ELECTRICAL UNITS

PFP:00011

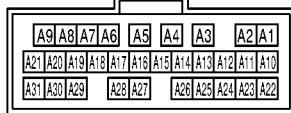
Terminal Arrangement

EKS00A0H

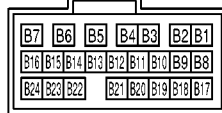
(With gasoline and YD22DDTi engines)

F101 ECM (With gasoline engine)**F118** ECM (With YD22DDTi engine)**F102** ECM (With gasoline engine)**F119** ECM (With YD22DDTi engine)

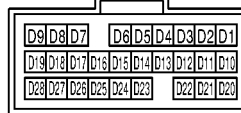
ECM (With YD22DDT engine)

F111

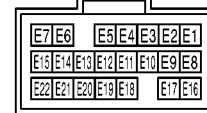
(White)

F112

(White)

F113

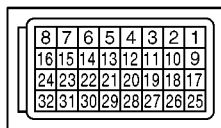
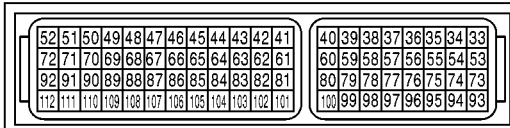
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F114

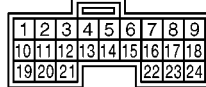
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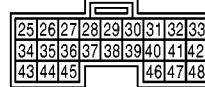
ECM (With F9Q engine)

E81**F1**

ICC UNIT

M84 (With M/T)**B9** (With CVT)**M85** (With M/T)**B10** (With CVT)

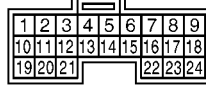
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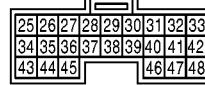
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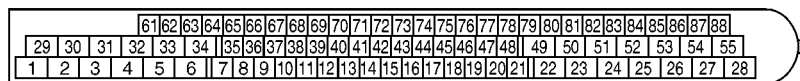
TCM (TRANSMISSION CONTROL MODULE)

F103

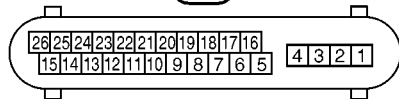
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F104

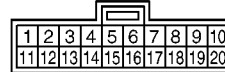
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ESP/TCS/ABS CONTROL UNIT **B109**

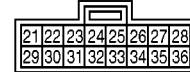
(Black)

ABS ACTUATOR AND ELECTRIC UNIT
(CONTROL UNIT)**E64****M75**

A/C AUTO AMP.

M76

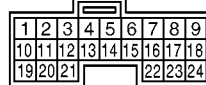
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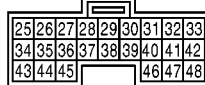
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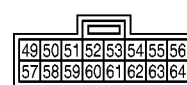
SMART ENTRANCE CONTROL UNIT

M41

(White)

M42

(Gray)

M43

(Gray)



MAWA1170E

STANDARDIZED RELAY

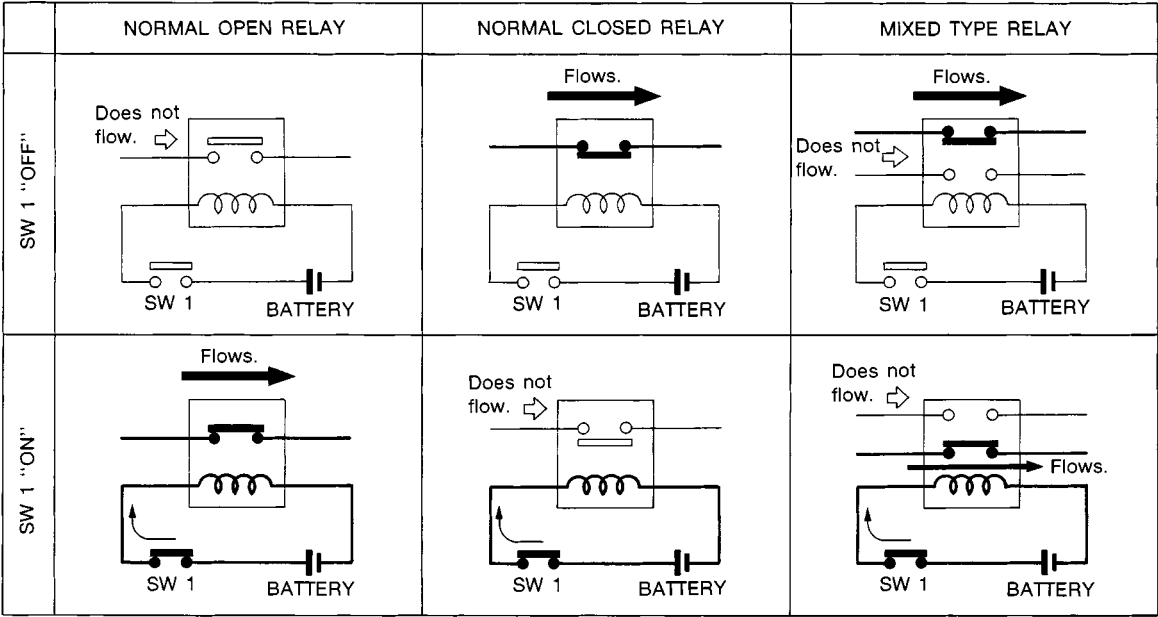
STANDARDIZED RELAY

PFP:00011

Description
NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

EKS00A01

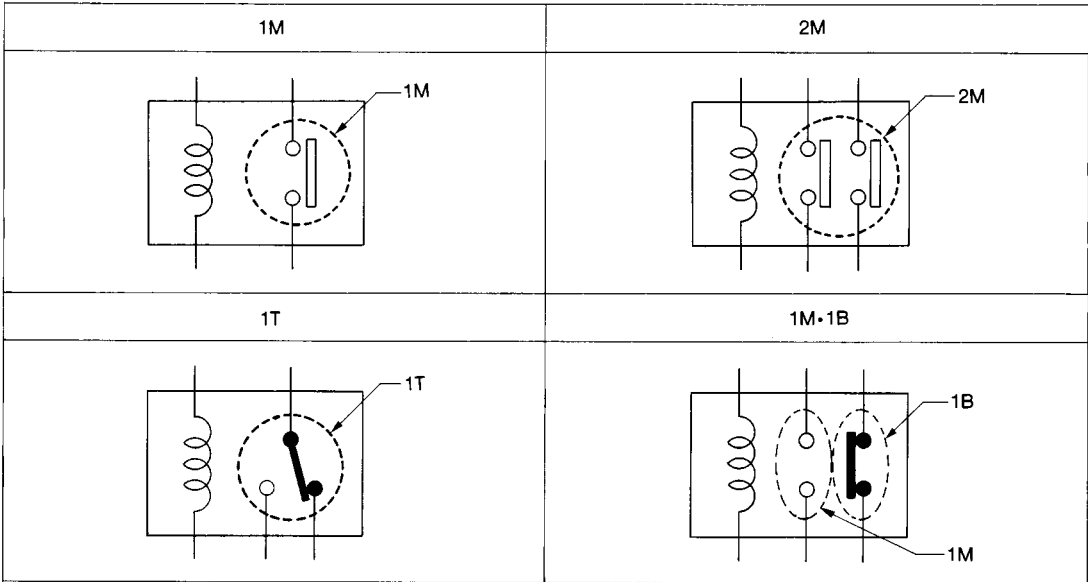
Relays can mainly be divided into three types: normal open, normal closed and mixed type relays.



SEL881H

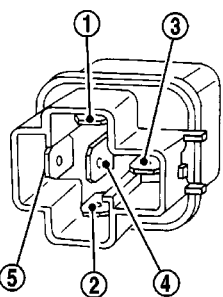
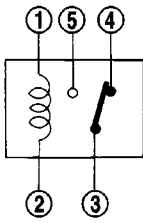
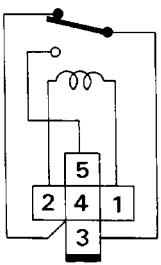
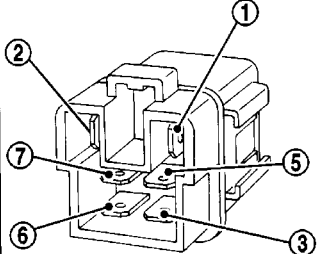
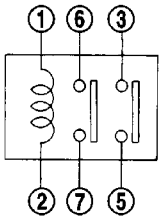
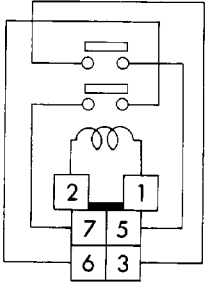
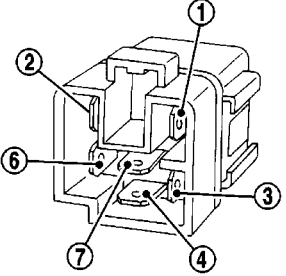
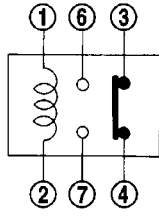
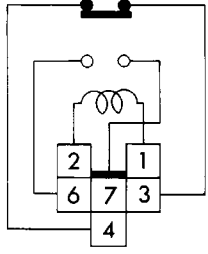
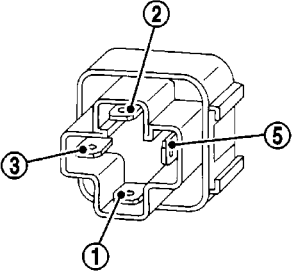
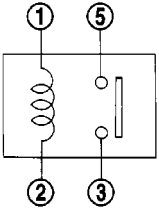
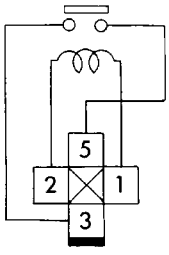
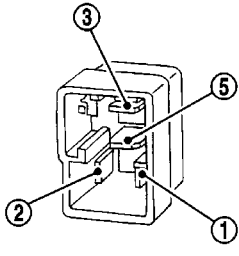
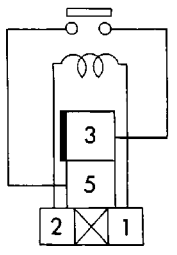
TYPE OF STANDARDIZED RELAYS

- 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

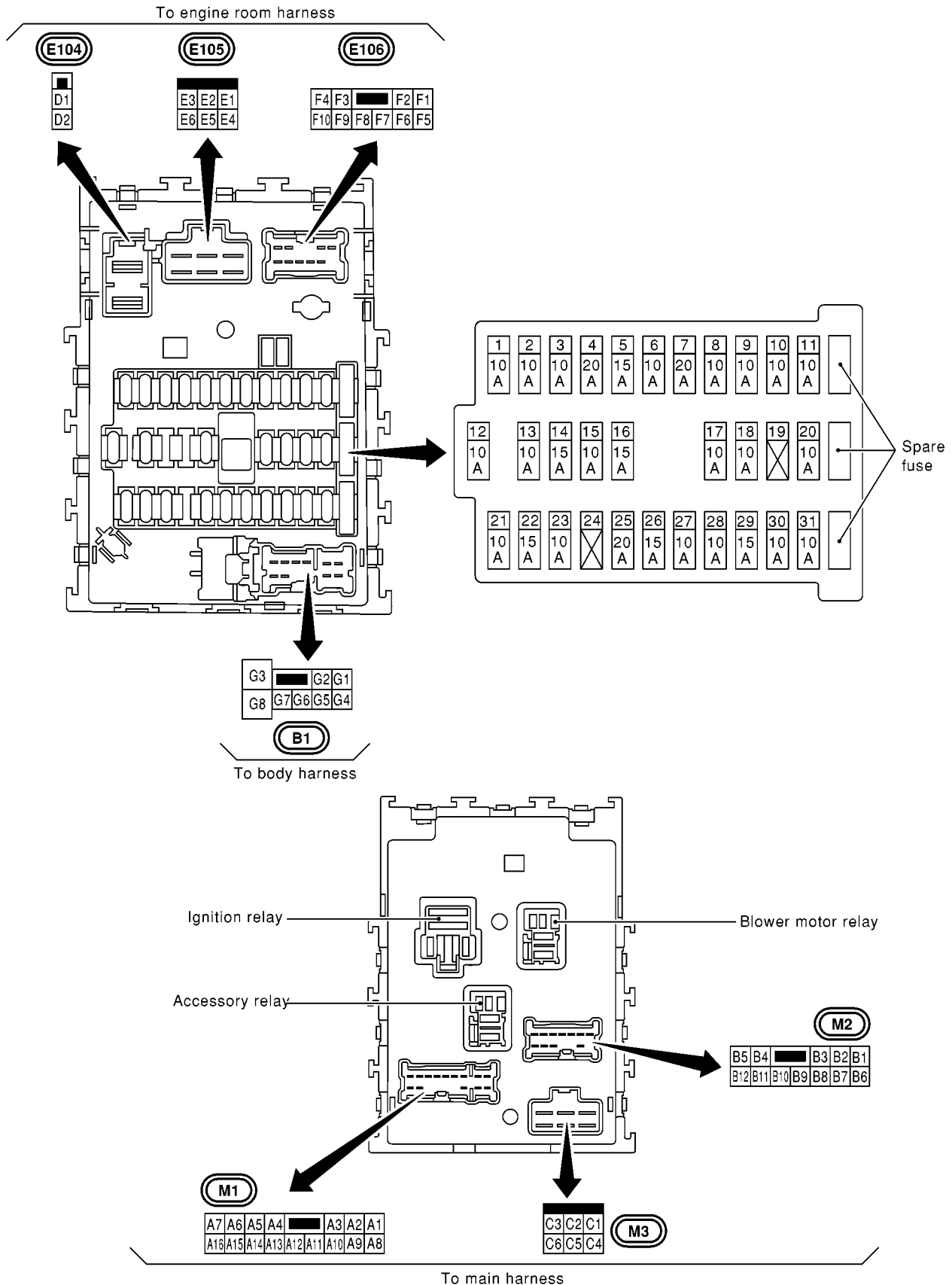
FUSE BLOCK - JUNCTION BOX (J/B)

FUSE BLOCK - JUNCTION BOX (J/B)

PFP:24350

Terminal Arrangement

EKS00A0J



PG

L

M

MKWA0347E

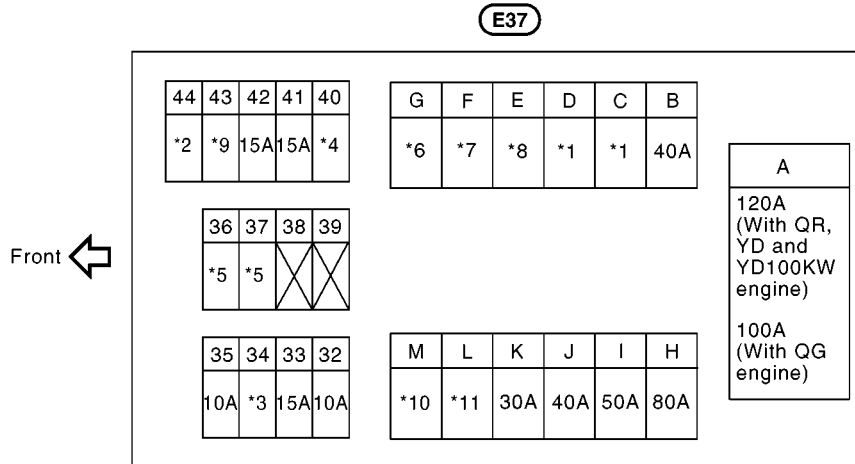
FUSE AND FUSIBLE LINK BOX

FUSE AND FUSIBLE LINK BOX

PFP:24381

Terminal Arrangement

EKS00A0K

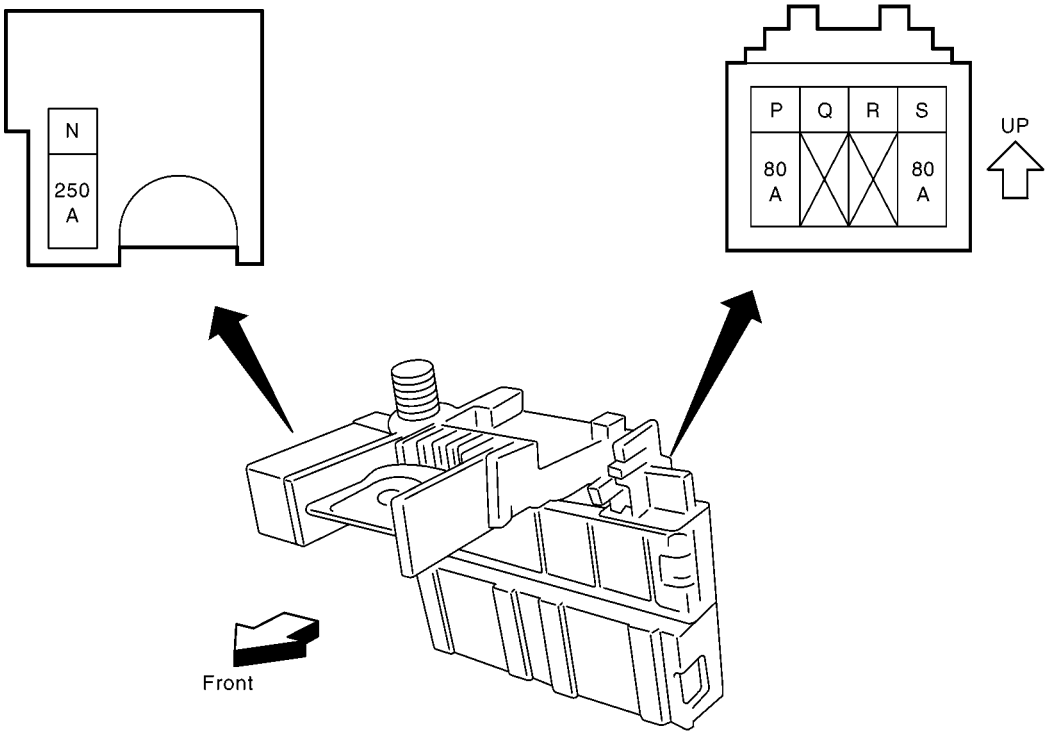


No. 32 to 44 : FUSE A to M : FUSIBLE LINK

- *1 50A: With F9Q engine
40A: With QR, YD and YD100KW engines
30A: With QG engine
- *2 20A: With gasoline engine
10A: With YD and YD100KW engines
- *3 10A: With gasoline engine
20A: With YD and YD100KW engines
- *4 15A: With gasoline engine
- *5 20A: With QG, QR and YD engines
15A: With YD100KW and F9Q engines
- *6 80A: With QG, QR, YD and YD100KW engines
60A: With F9Q engine
- *7 80A: With YD and YD100KW engines
- *8 30A: With headlamp washer
- *9 15A: With front fog lamp
- *10 30A: With F9Q engine
- *11 50A: With F9Q engine

FUSE AND FUSIBLE LINK BOX

FUSIBLE LINK HOLDER (FOR F9Q ENGINE)



A

B

C

D

E

F

G

H

I

J

PG

L

M

FUSE AND FUSIBLE LINK BOX
