SECTION PG

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

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PRECAUTION

PRECAUTIONS

Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TENSIONER"

INFOID:0000000013788221

Risk of injury

There is a risk of injury caused by parts becoming projectiles if uncontrolled deployment of air bag or seat belt pre-tensioner occurs, or by storing air bag with the deployment side facing downwards. When scrapping air bag or seat belt pre-tensioner by means of controlled deployment, there is also a danger present if a sufficiently safe distance is not maintained, or if opening using cutting torches or other cutting tools, or due to smelting or if parts that are not yet triggered are exposed to a blaze or a smoldering fire at landfills.

Safety instructions/precautions

- Removed air bag must always be stored with deployment side facing up.
- Acquisition, transportation, storage, testing and assembly work should only be performed or supervised by properly trained personnel.
- Install air bag or seat belt pre-tensioner immediately following retrieval from storage.
- Air bag and seat belt pre-tensioner must be protected from flying sparks, open fires and temperature exceeding 100°C (212°F).
- Never transport air bag and seat belt pre-tensioner in the passenger compartment. Store them securely in the luggage room of the vehicle in their original replacement part packaging and secure them so that they cannot slip around.
- Never allow air bag and seat belt pre-tensioner to come into contact with grease, oil, or cleaning agents.
- Perform system tests using approved testing equipment only, and only when the units are properly installed and the vehicle is unoccupied.
- Before the initial hookup of the battery or an external power supply, the ignition must be switched on and the vehicle unoccupied.
- Air bag and seat belt pre-tensioner that fall from a height of more than 0.5 m must be replaced.
- When scrapping by means of controlled deployment of air bag and seat belt pre-tensioner, a safe distance of at least 10 m must be maintained.
- Before starting work on air bag and seat belt pre-tensioner and work on components that are connected to air bag and seat belt pre-tensioner or require and intervention in their electric circuit (e.g. when removing the steering wheel):
- Disconnect any external power sources (e.g. charger).
- Disconnect and insulate ground line of battery
- Before starting bodywork in combination with welding or retrofitting, during which work is performed on uninsulated, current-carrying lines or require an intervention in their electric circuit (e.g. when removing the steering wheel):
- Disconnect any external power sources (e.g. charger).
- Disconnect and insulate ground line of battery.
- During welding, disconnect plug connection and from control unit of air bag.
- When the air bag deploys, the pyrofuse activates and the power source from the battery is disconnected. This prevents possible fires caused by electric leakage after an accident occurs.

Precautions for Removing Battery Terminal

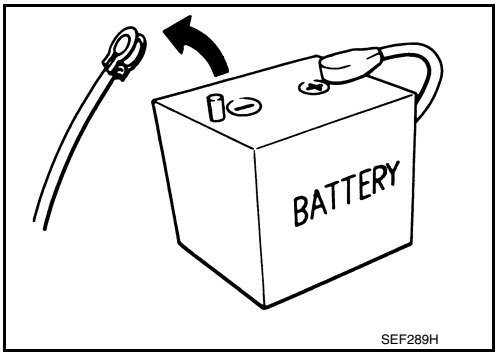
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When disconnecting the battery terminal, pay attention to the following.

- Always use a 12V battery as power source.
- Never disconnect battery terminal while engine is running.

- When removing the 12V battery terminal, turn OFF the ignition switch and wait at least 30 seconds.
- For vehicles with the engine listed below, remove the battery terminal after a lapse of the specified time:

BR08DE	: 4 minutes	YD25DDTi	: 2 minutes
D4D engine	: 20 minutes	YS23DDT	: 4 minutes
HRA2DDT	: 12 minutes	YS23DDTT	: 4 minutes
K9K engine	: 4 minutes	ZD30DDTi	: 60 seconds
M9R engine	: 4 minutes	ZD30DDTT	: 60 seconds
R9M engine	: 4 minutes		
V9X engine	: 4 minutes		



NOTE:
ECU may be active for several tens of seconds after the ignition switch is turned OFF. If the battery terminal is removed before ECU stops, then a DTC detection error or ECU data corruption may occur.

- After high-load driving, if the vehicle is equipped with the V9X engine, turn the ignition switch OFF and wait for at least 15 minutes to remove the battery terminal.

NOTE:
- Turbocharger cooling pump may operate in a few minutes after the ignition switch is turned OFF.
- Example of high-load driving
  - Driving for 30 minutes or more at 140 km/h (86 MPH) or more.
  - Driving for 30 minutes or more on a steep slope.

- For vehicles with the 2-batteries, be sure to connect the main battery and the sub battery before turning ON the ignition switch.

NOTE:
If the ignition switch is turned ON with any one of the terminals of main battery and sub battery disconnected, then DTC may be detected.

- After installing the 12V battery, always check "Self Diagnosis Result" of all ECUs and erase DTC.

NOTE:
The removal of 12V battery may cause a DTC detection error.

Notes on Battery

INFOID:0000000013767863

General information on batteries
- Do not store batteries over a longer period at a storage point with direct solar radiation.
- Discharged or defective batteries can freeze, therefore store free from frost.
- Avoid polarity reversal and short-circuits.
- Discharged or defective batteries can freeze, therefore store free from frost.
- Do not place any tools or other conducting objects on the battery (risk of short-circuit).
- Before removal and installation of batteries all switchable current consumers should be switched off, as well as the engine switched off so that inadvertent arcing is ruled out.
- Always detach the negative terminal first and always connect the positive terminal first.
- Only charge batteries with DC, 10 % of the capacity is recommended as charging current for slow charging and 50 % of the capacity recommended for fast charging.
- Only switch on the charger after connecting to the terminals and switch off before disconnecting.
- If the battery is to remain in the parked vehicle for an extended period, the negative terminal should be disconnected.
- If possible batteries should be kept clean and dry.

Notes on lead gel batteries or absorbent glass mat batteries (VRLA, AGM)
- The battery is leaktight and can therefore be installed in any position.
- The battery is maintenance free.
- The battery housing is encapsulated.
- When quick-charging, it is important to ensure that the housing of the battery does not heat up too much, otherwise damage can occur.

Notes on lead acid batteries
- Always store lead-acid batteries horizontally to prevent acid leaking out and do not tilt during transportation.
- When fast charging ensure that the housing of the lead-acid battery does not heat up excessively.

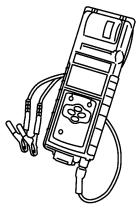
Notes on lithium-ion batteries
- The battery is leaktight and can therefore be installed in any position.
- The battery is maintenance free.
- The battery housing is bolted and must not be opened.
- When quick-charging, it is important to ensure that the housing of the battery does not heat up too much, otherwise damage can occur.
- At battery temperatures < 0 °C (32 °F), the charging voltage must be limited to 13.5 V or the battery must be conditioned to room temperature prior to charging.
- The battery should only be stored in its original packaging when it is removed from the vehicle.
- The battery belongs to hazardous material class 9, II and must be handled in accordance with the relevant regulations.

PREPARATION

PREPARATION

Special Service Tools

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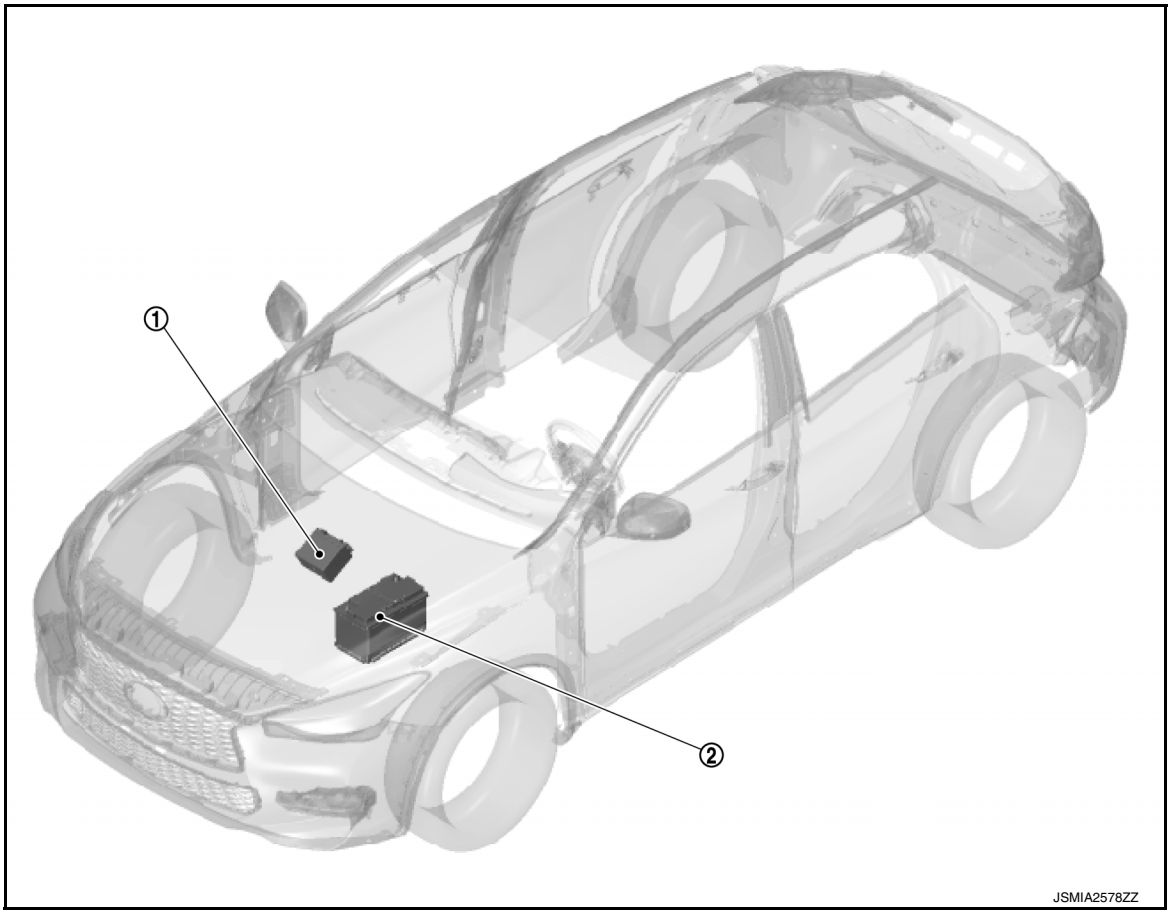
Tool number (Kent-Moore No.) Tool name		Description
— (—) Model GR8-1200 NI Multitasking battery and electrical diagnostic station	 AWIIA1239ZZ	Tests batteries, starting and charging systems and charges batteries. For operating instructions, refer to diagnostic station instruction manual.
— (—) Model EXP-800 NI Battery and electrical diagnostic analyzer	 JSMIA0806ZZ	Tests batteries and charging systems. For operating instructions, refer to diagnostic analyzer instruction manual.

SYSTEM DESCRIPTION

COMPONENT PARTS

Component Parts Location

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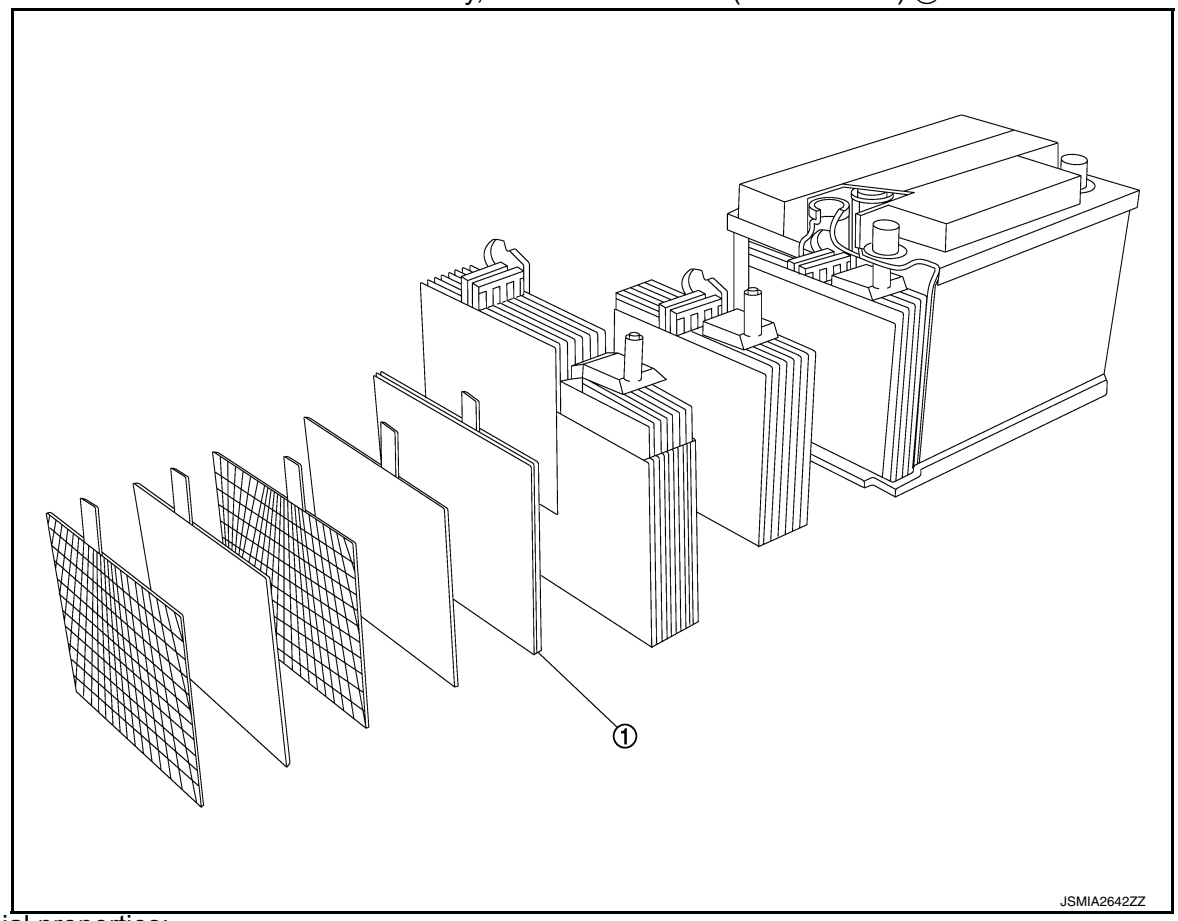
No.	Component	Function
①	Sub battery	Refer to PG-8, "Sub Battery".
②	Main battery	Refer to PG-7, "Main Battery".

Main Battery

INFOID:0000000013767865

- The battery with AGM technology is equipped.

• Instead of the acid in a conventional battery, a conductive fabric (bonded fiber) ① is used.



• Special properties;
- High cycle strength (long service life)
- Improved cold starting characteristics
- No escaping acid if housing damaged
- Improved deep-discharge resistance
- Absolutely maintenance-free

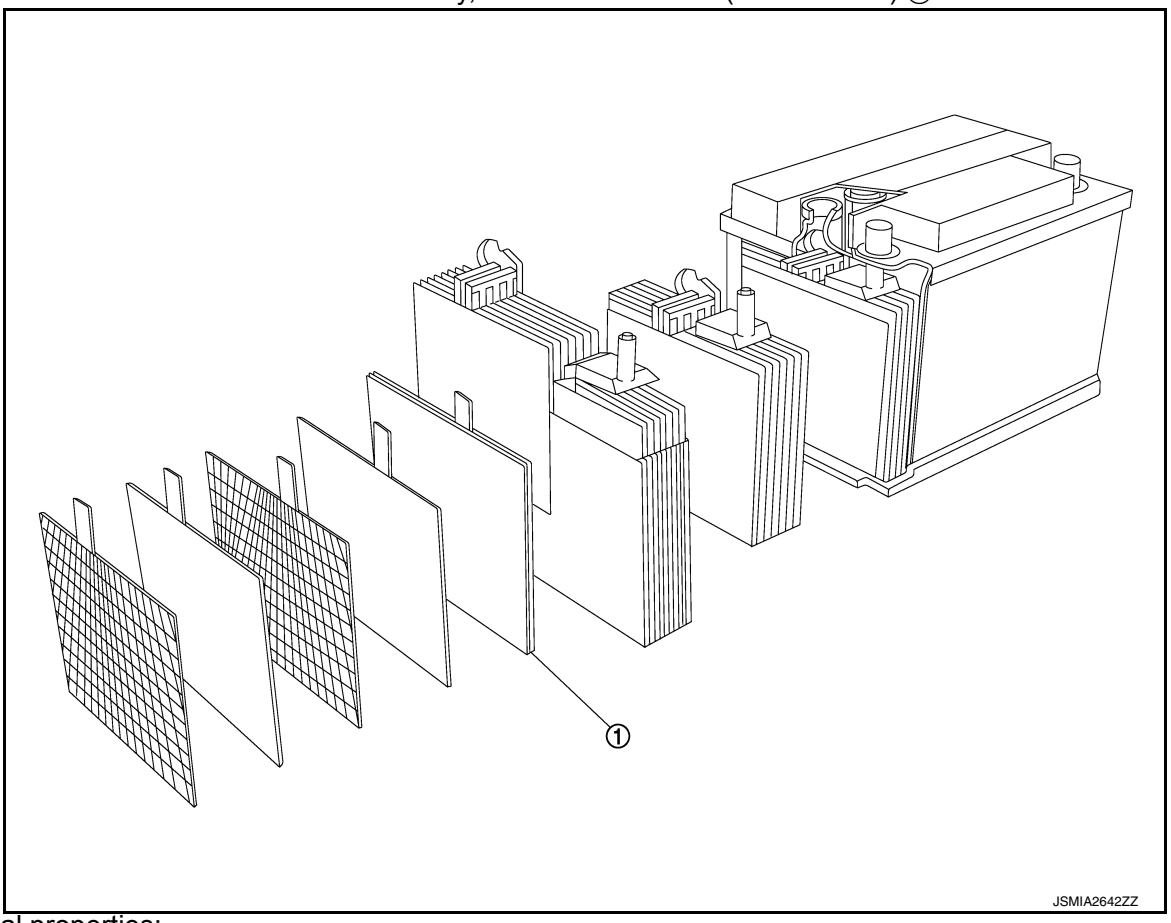
Type		L4
20 hour rate capacity	[V – Ah]	12 – 70
Cold cranking current (For reference value)	[A]	760

Sub Battery

INFOID:0000000013767866

• The battery with AGM technology is equipped.

• Instead of the acid in a conventional battery, a conductive fabric (bonded fiber) ① is used.



• Special properties;
- High cycle strength (long service life)
- Improved cold starting characteristics
- No escaping acid if housing damaged
- Improved deep-discharge resistance
- Absolutely maintenance-free

Type		GTX14-12B
20 hour rate capacity	[V – Ah]	12 – 12
Cold cranking current (For reference value)	[A]	170

Harness Connector

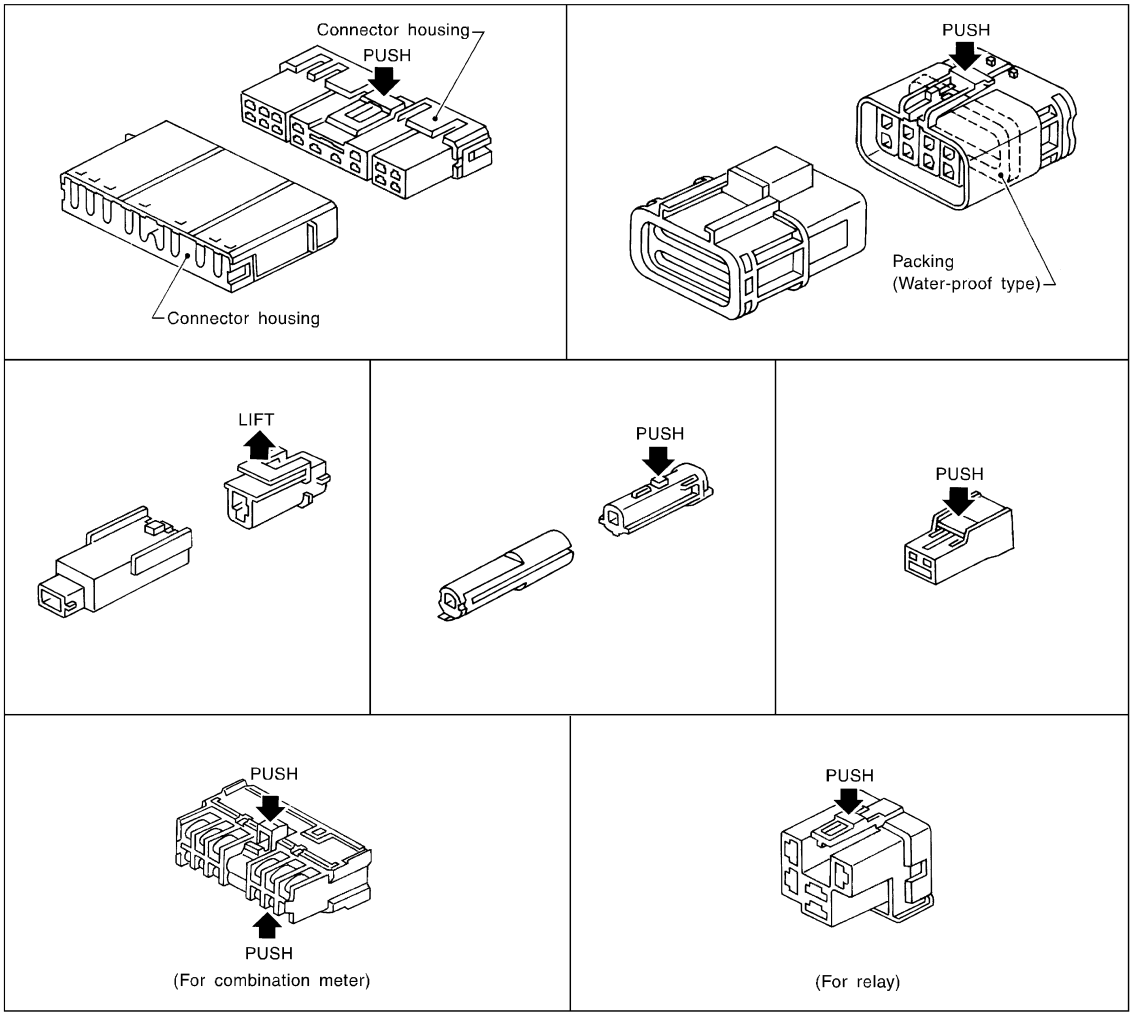
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HARNESS CONNECTOR (TAB-LOCKING TYPE)

• 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 figure below.

CAUTION:
To prevent damage to the parts, never pull the harness or wires when disconnecting the connector.

[Example]



SEL769DA

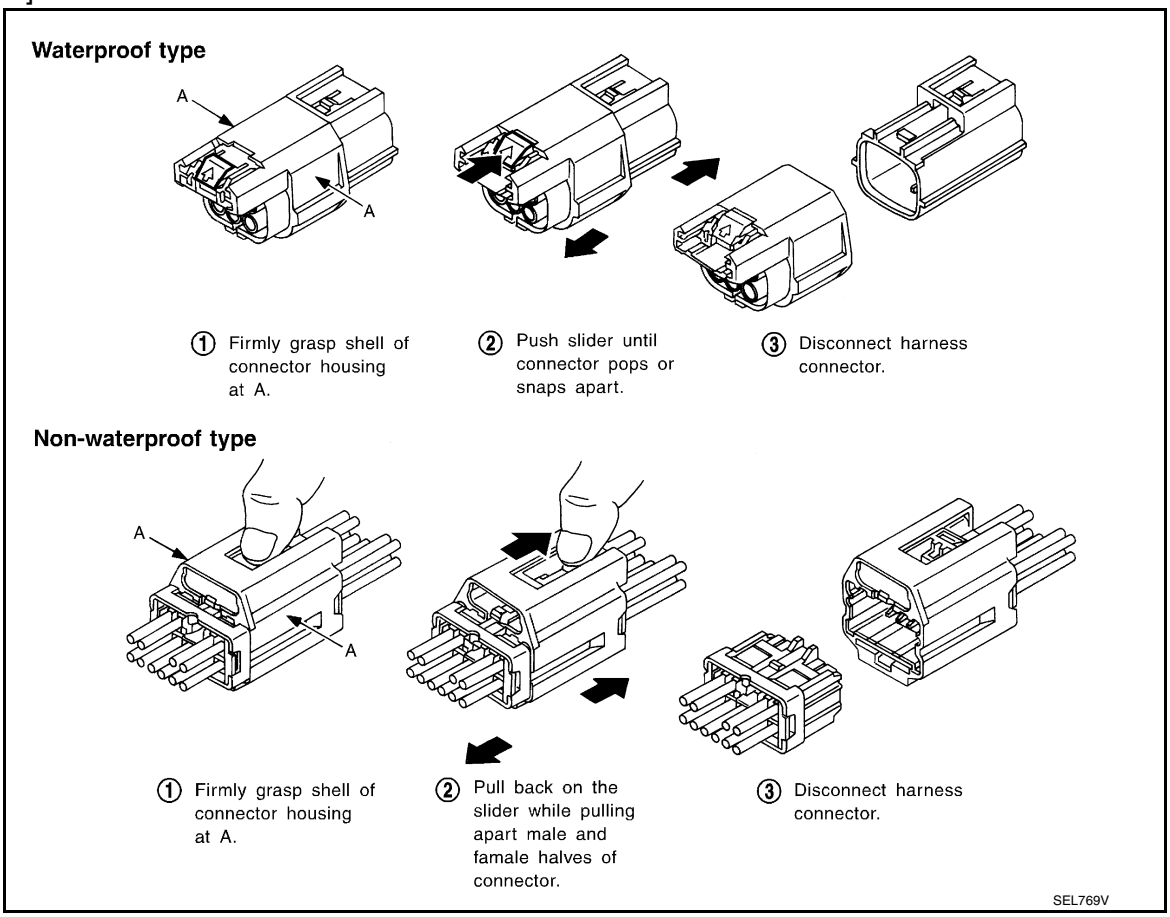
HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

- 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 figure below.

CAUTION:

- **To prevent damage to the parts, never pull the harness or wires when disconnecting the connector.**
- **To prevent damage to the parts, be careful not to damage the connector support bracket when disconnecting the connector.**

[Example]

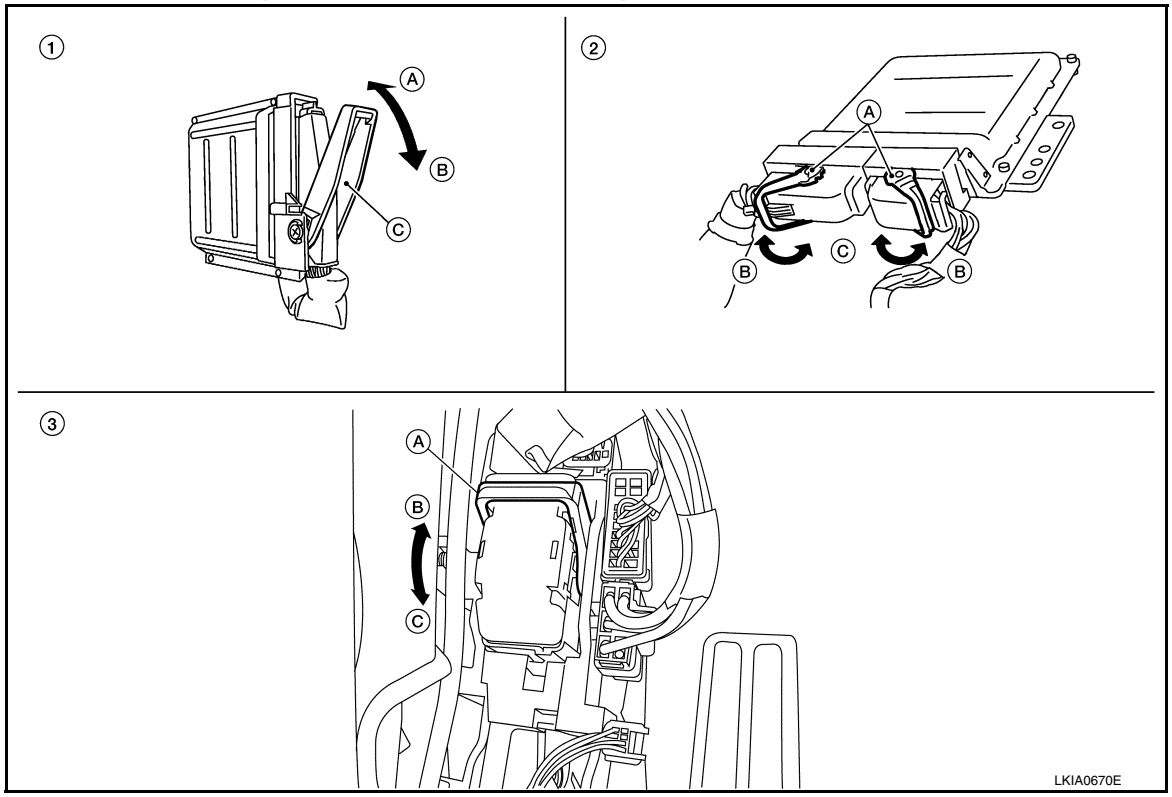


HARNESS CONNECTOR (LEVER LOCKING TYPE)

Always confirm the lever is fully locked in place by moving the lever as far as it will go to ensure full connection.

CAUTION:

Always confirm the lever is fully released (loosened) before attempting to disconnect or connect these connectors to avoid damage to the connector housing or terminals.



① Control unit with single lever
- Ⓐ Fasten
- Ⓑ Loosen
- Ⓒ Lever

② Control unit with dual levers
- Ⓐ Levers
- Ⓑ Fasten
- Ⓒ Loosen

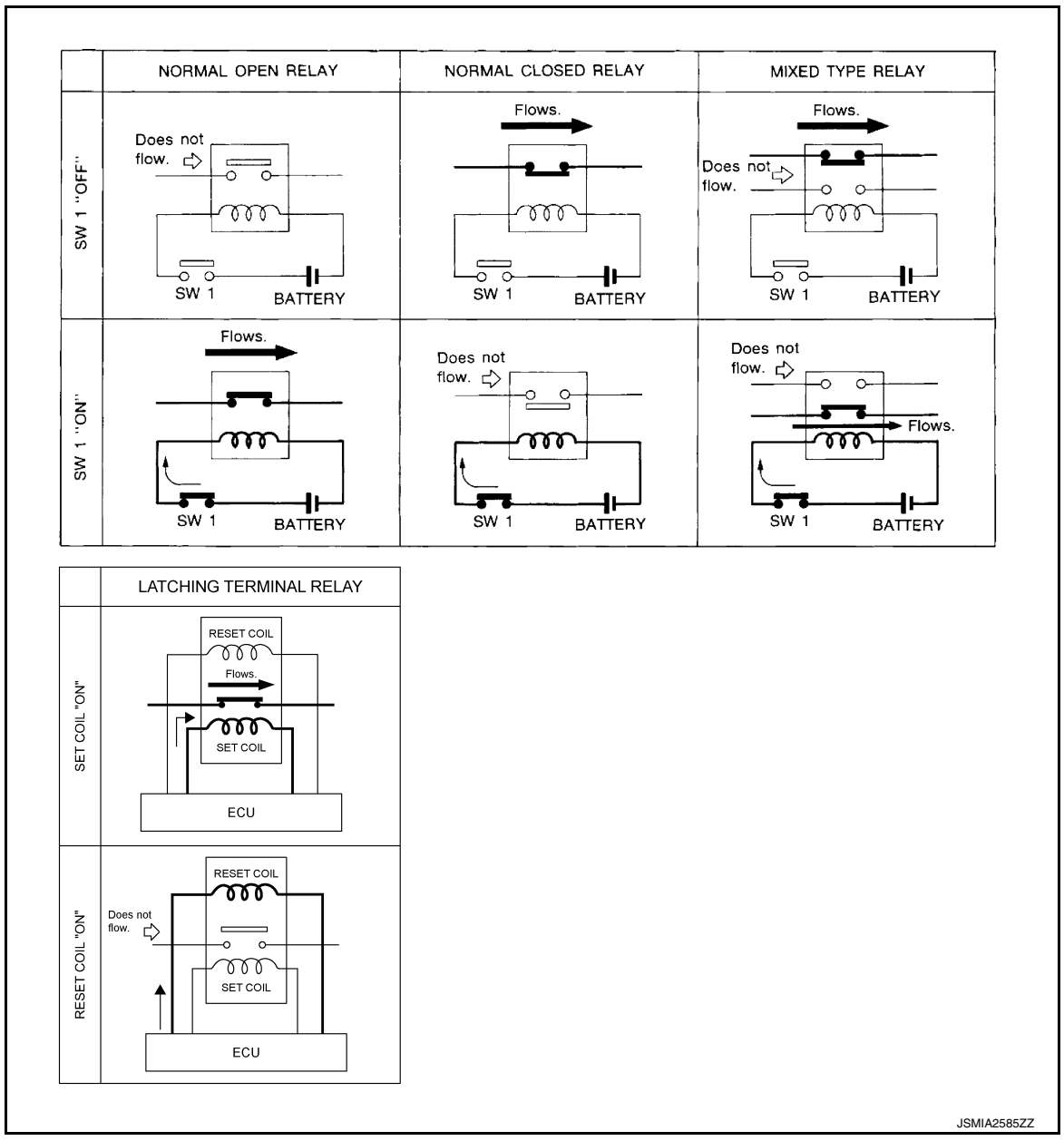
③ SMJ connector
- Ⓐ Lever
- Ⓑ Fasten
- Ⓒ Loosen

Standardized Relay

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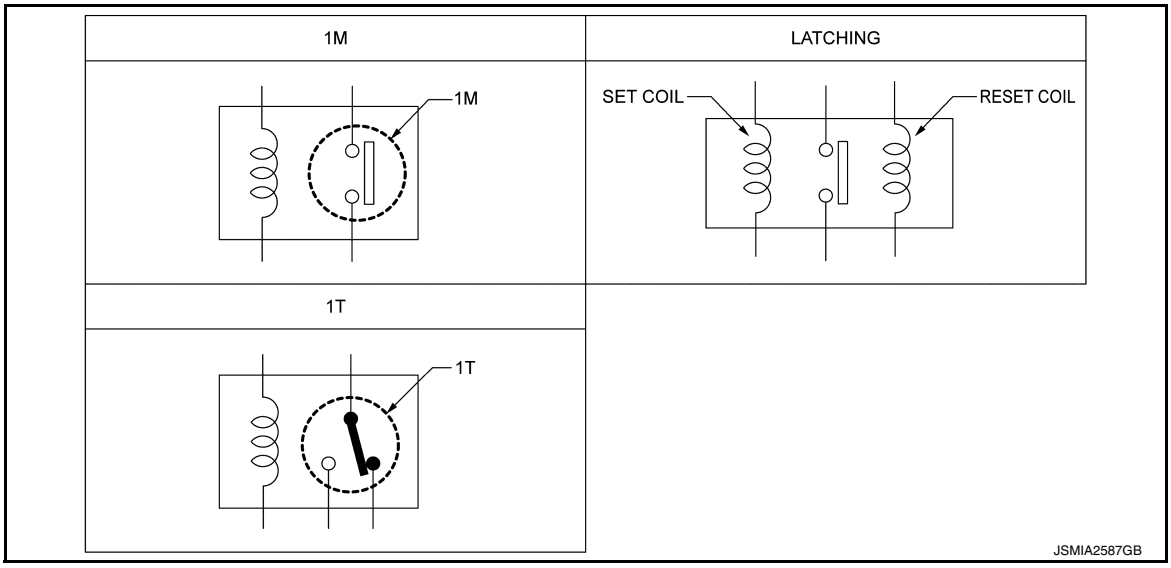
NORMAL OPEN, NORMAL CLOSED, MIXED TYPE AND LATCHING RELAYS

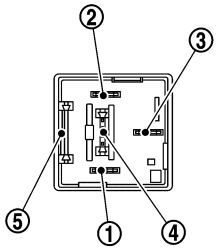
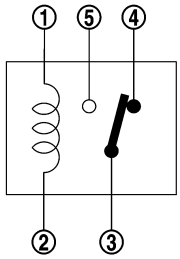
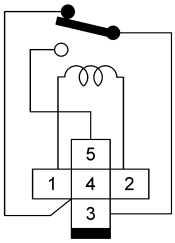
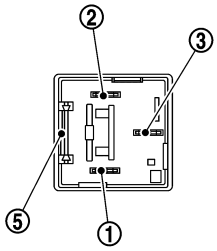
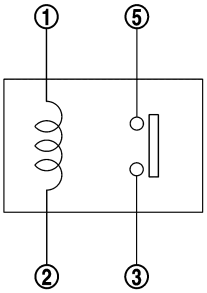
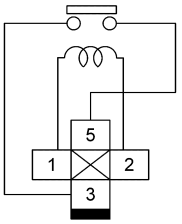
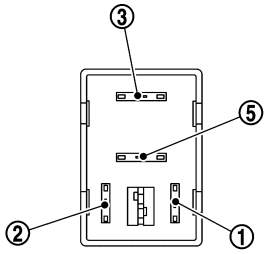
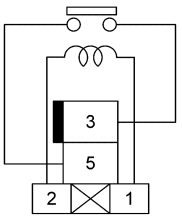
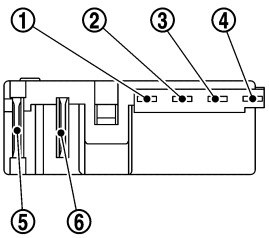
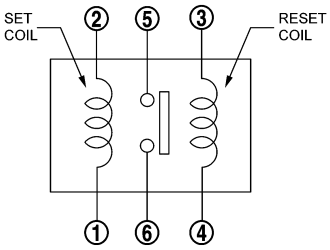
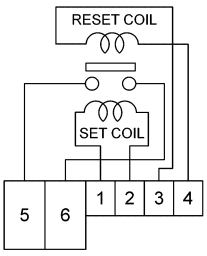
Relays can mainly be divided into three types: normal open, normal closed, mixed type and latching terminal relays.



TYPE OF STANDARDIZED RELAYS

1M ····· 1 Make Latching
1T ····· 1 Transfer



Type	Outer view	Circuit	Connector symbol and connection
1T			
1M			
			
LATCHING			

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

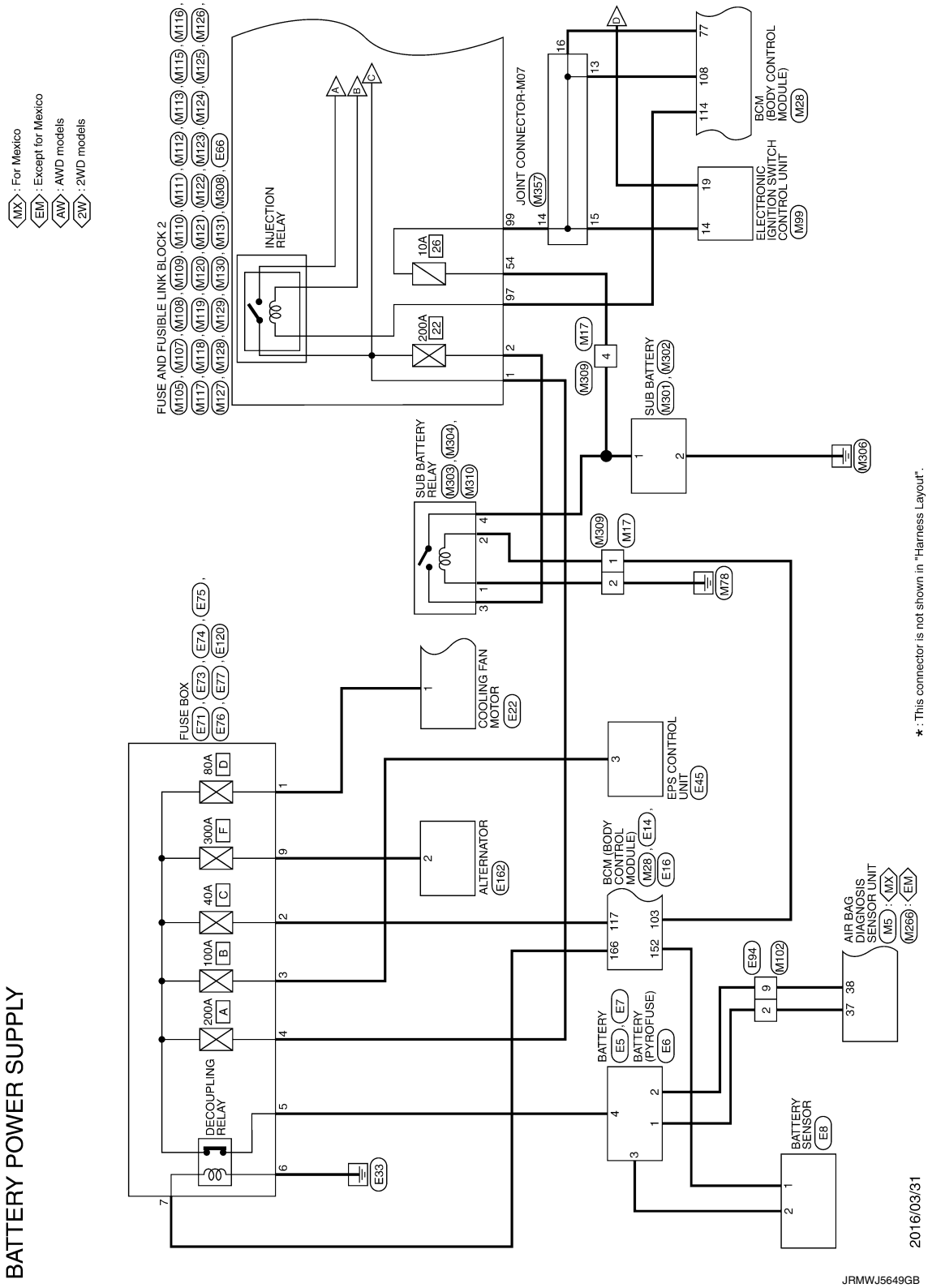
JSMIA2588GB

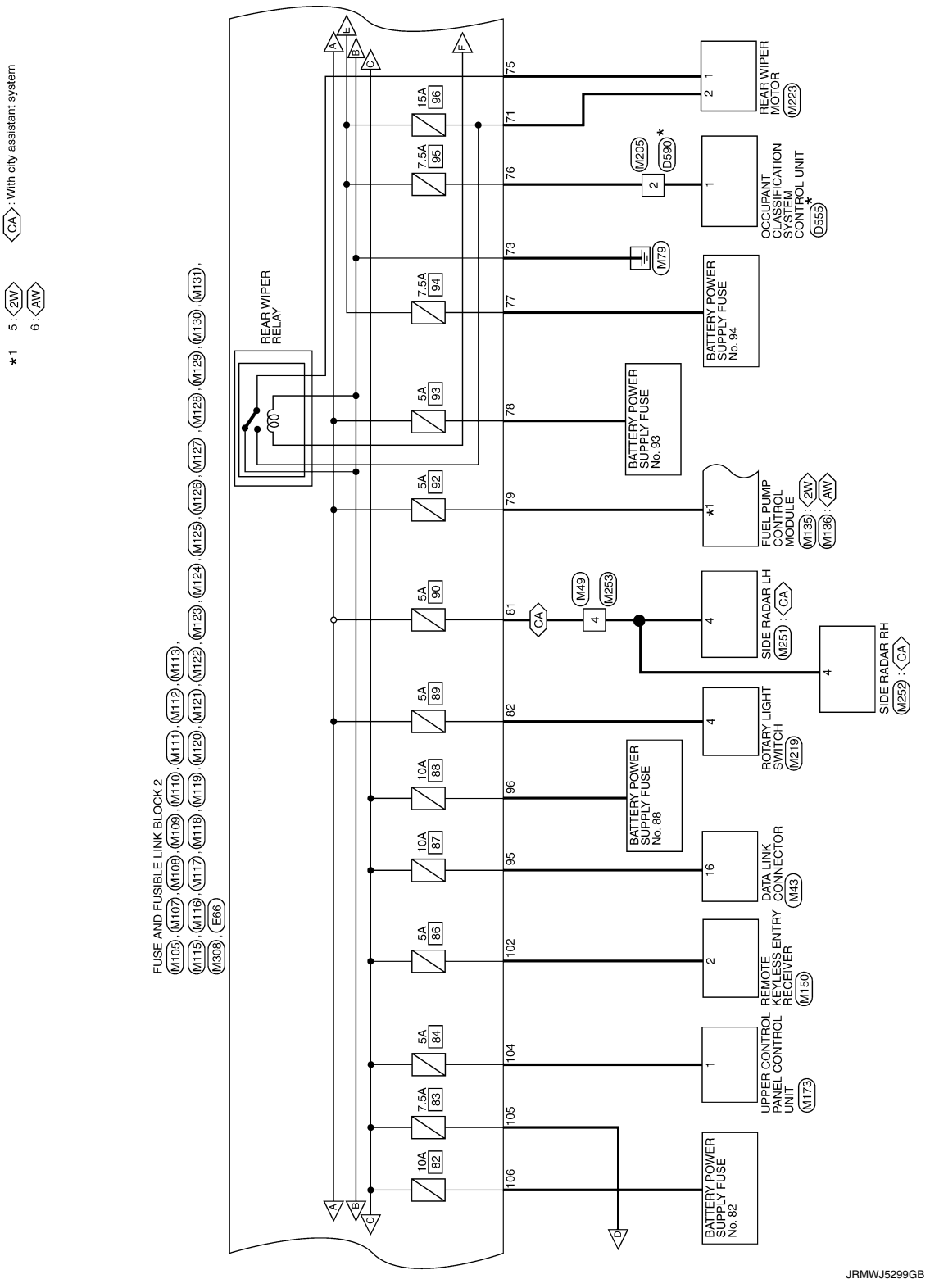
WIRING DIAGRAM

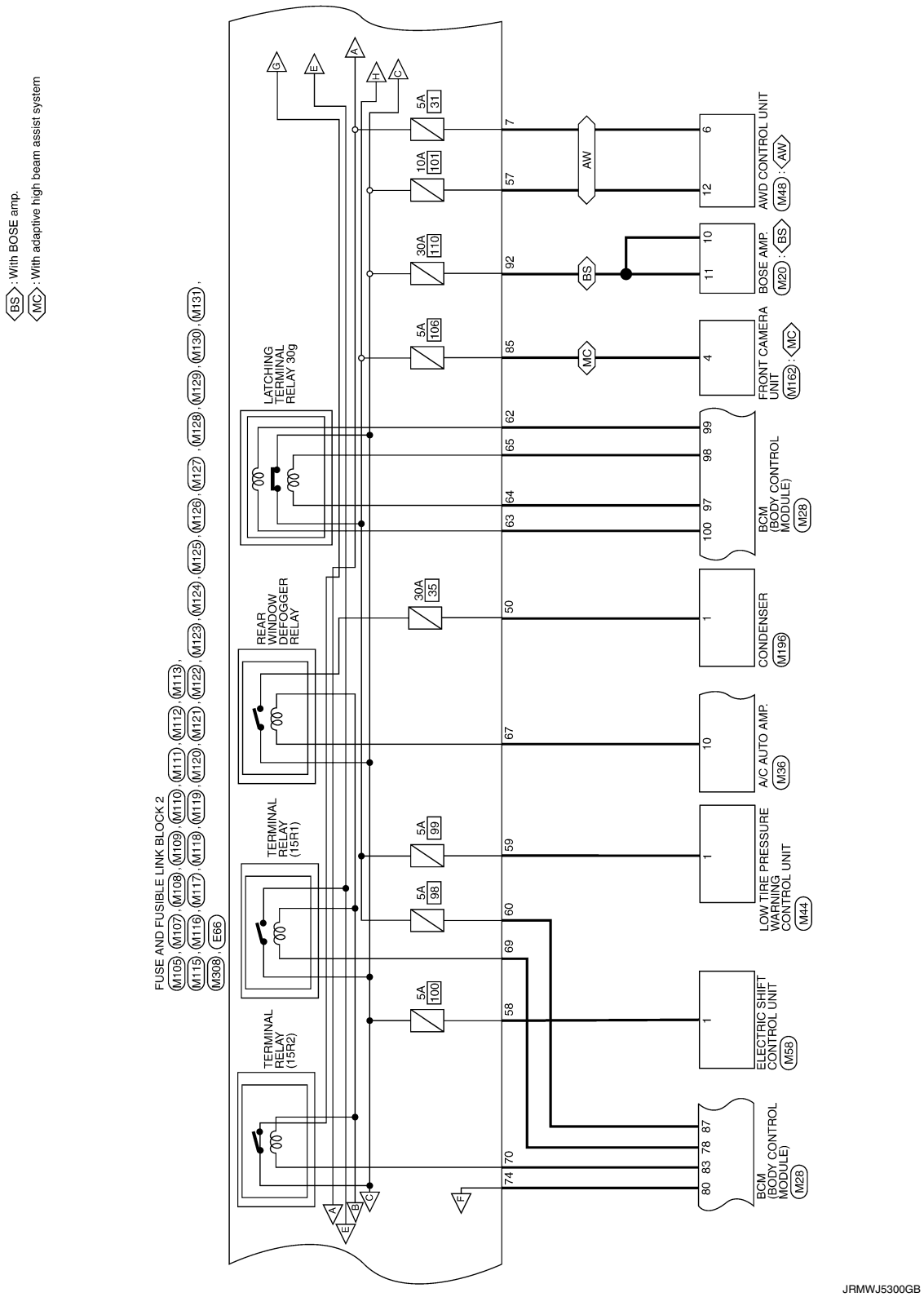
POWER SUPPLY ROUTING CIRCUIT

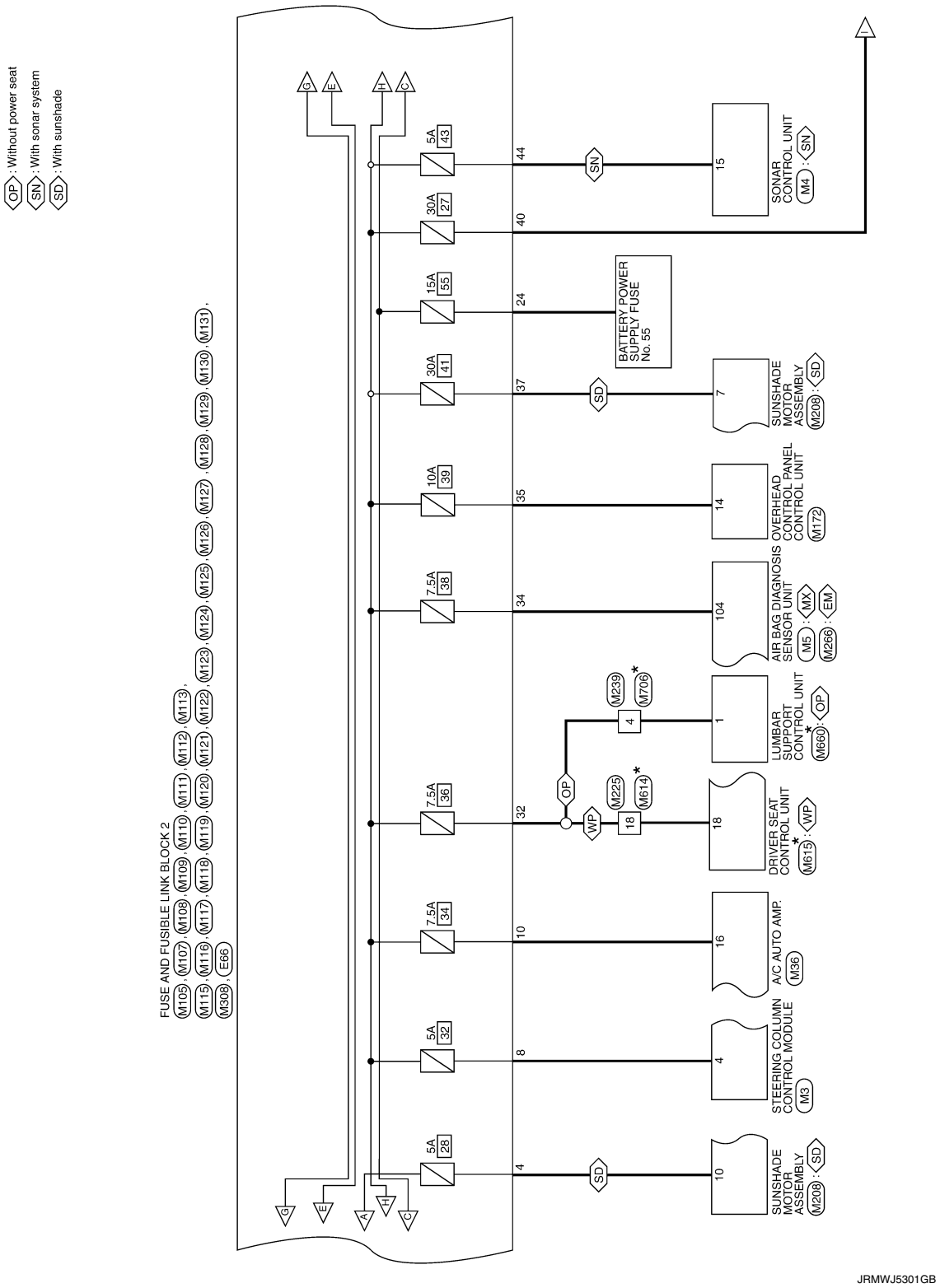
Wiring Diagram - BATTERY POWER SUPPLY -

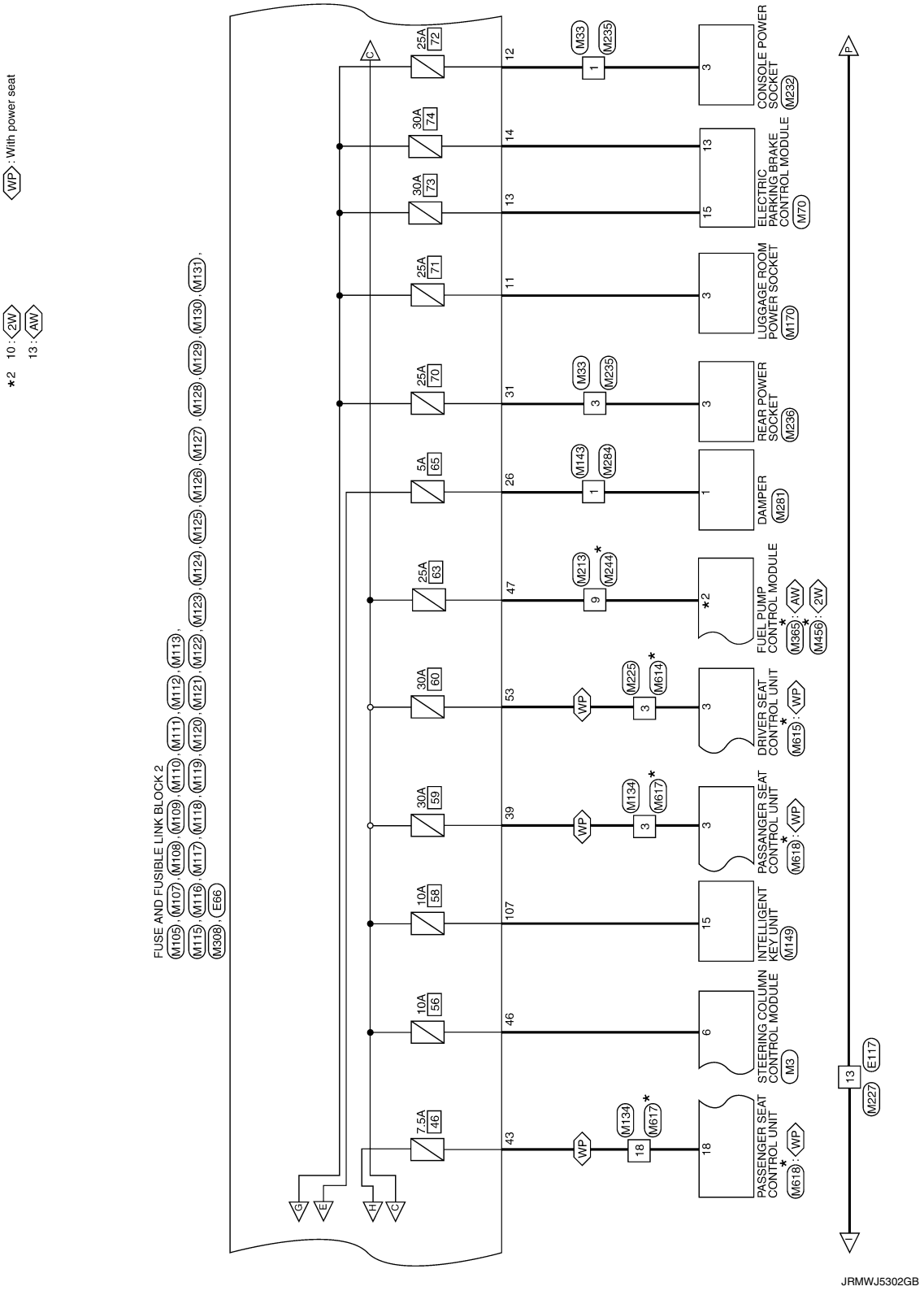
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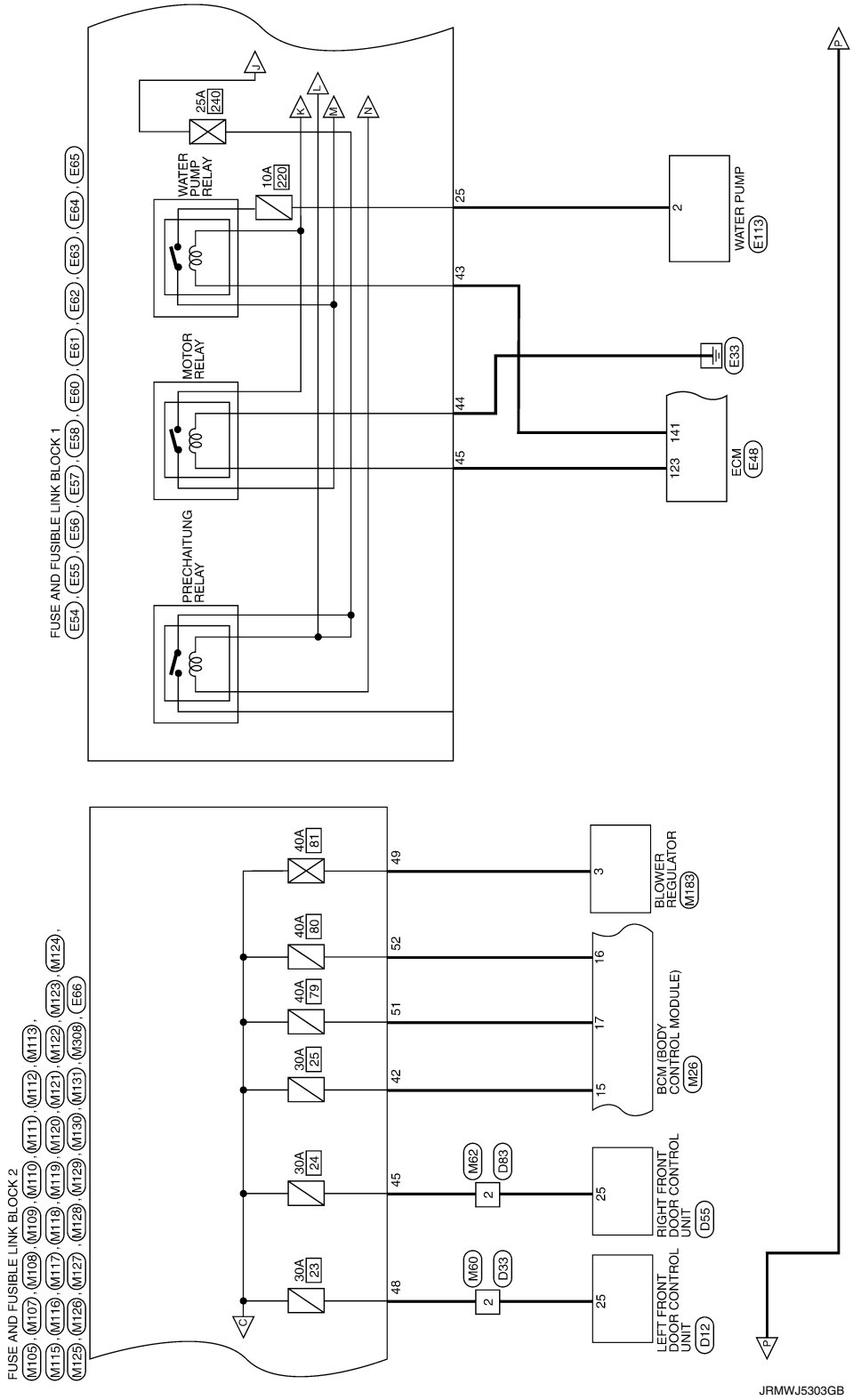


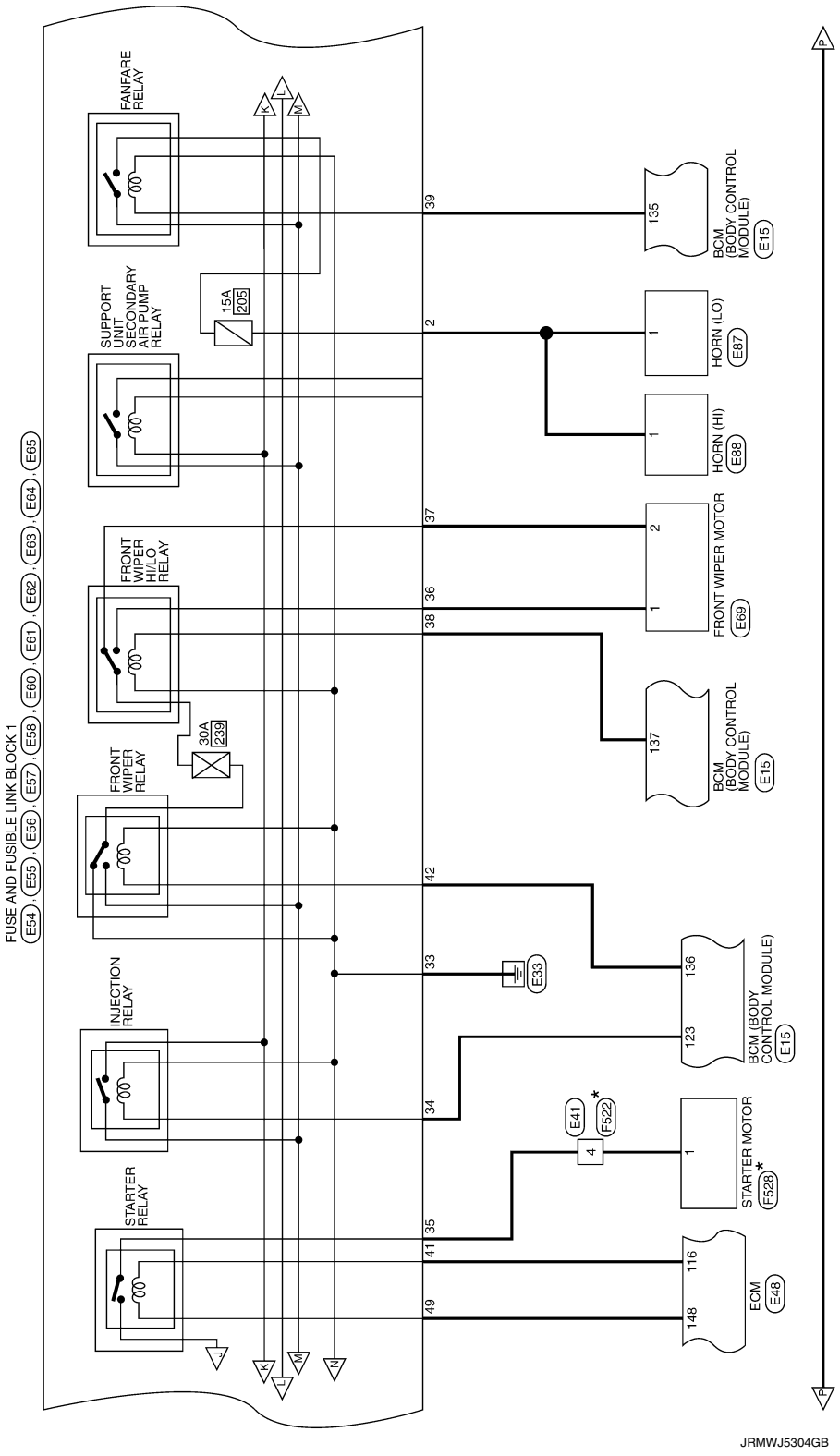

CA : With city assistant system
*1 5 : 2W
6 : AW
FUSE AND FUSIBLE LINK BLOCK 2
M105, M107, M108, M109, M110, M111, M112, M113, M115, M116, M117, M118, M119, M120, M121, M122, M123, M124, M125, M126, M127, M128, M129, M130, M131, M308, E66
REAR WIPER RELAY
15A 96
7.5A 95
7.5A 94
5A 93
5A 92
5A 90
5A 89
10A 88
10A 87
5A 86
5A 84
7.5A 83
10A 82
75
71
76
73
77
78
79
81
82
96
95
102
104
105
106
REAR WIPER MOTOR M223
OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT * D555
M205 D590 *
M79
BATTERY POWER SUPPLY FUSE No. 94
BATTERY POWER SUPPLY FUSE No. 93
*1
FUEL PUMP CONTROL MODULE M135 : 2W M136 : AW
M49 M253
SIDE RADAR LH M251 : CA
SIDE RADAR RH M252 : CA
ROTARY LIGHT SWITCH M219
BATTERY POWER SUPPLY FUSE No. 88
DATA LINK CONNECTOR M43
REMOTE KEYLESS ENTRY RECEIVER M150
UPPER CONTROL PANEL CONTROL UNIT M173
BATTERY POWER SUPPLY FUSE No. 82
JRMWJ5299GB

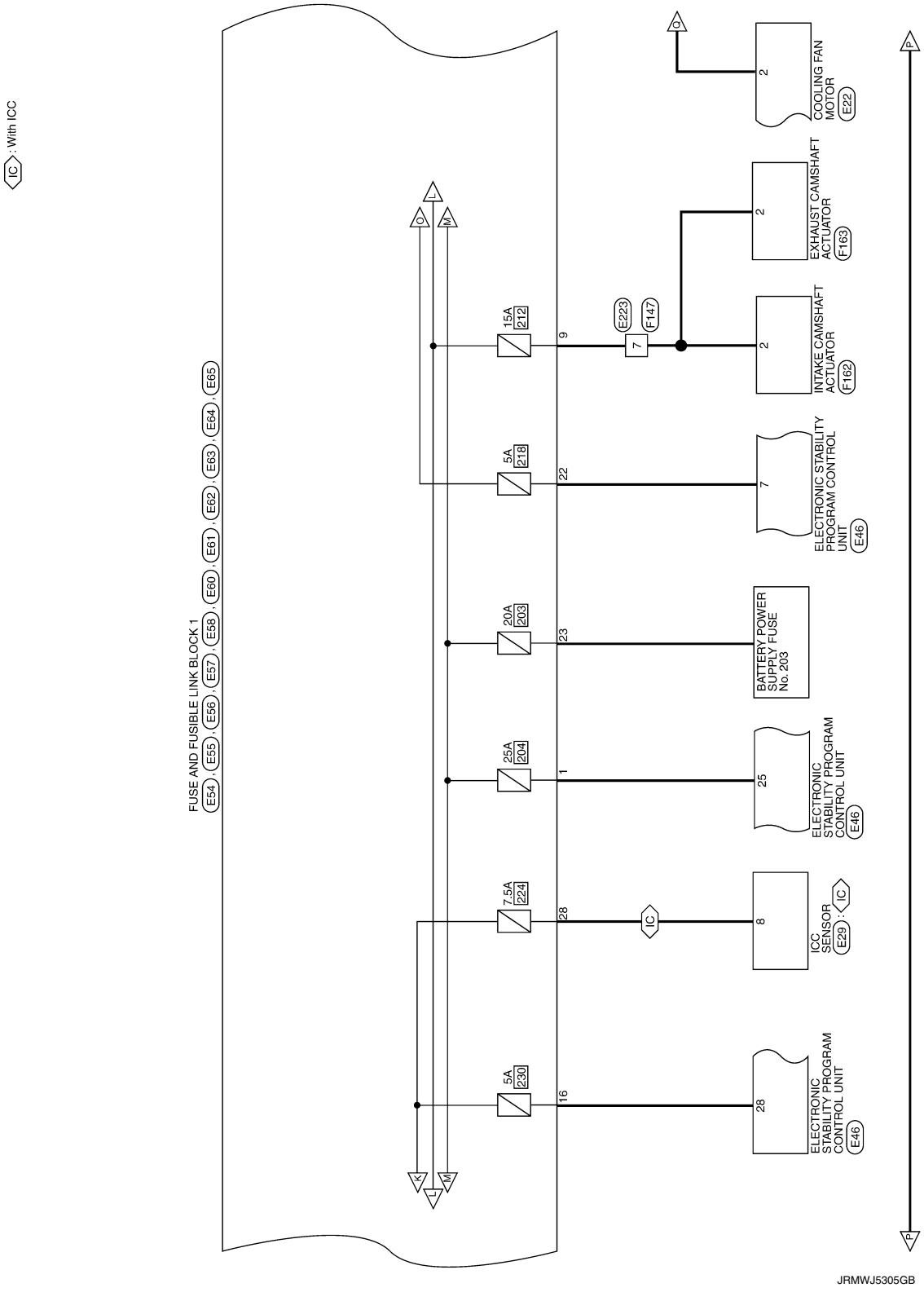

BS : With BOSE amp.
MC : With adaptive high beam assist system
FUSE AND FUSIBLE LINK BLOCK 2
(M105), (M107), (M108), (M109), (M110), (M111), (M112), (M113), (M115), (M116), (M117), (M118), (M119), (M120), (M121), (M122), (M123), (M124), (M125), (M126), (M127), (M128), (M129), (M130), (M131), (M308), E66
LATCHING TERMINAL RELAY 30g
REAR WINDOW DEFOGGER RELAY
TERMINAL RELAY (15R1)
TERMINAL RELAY (15R2)
5A 31
10A 101
30A 110
5A 106
30A 35
5A 99
5A 98
5A 100
AW
BS
MC
AWD CONTROL UNIT (M48) : AW
BOSE AMP. (M20) : BS
FRONT CAMERA UNIT (M162) : MC
BCM (BODY CONTROL MODULE) (M28)
CONDENSER (M196)
A/C AUTO AMP. (M36)
LOW TIRE PRESSURE WARNING CONTROL UNIT (M44)
ELECTRIC SHIFT CONTROL UNIT (M58)
BCM (BODY CONTROL MODULE) (M28)
JRMWJ5300GB

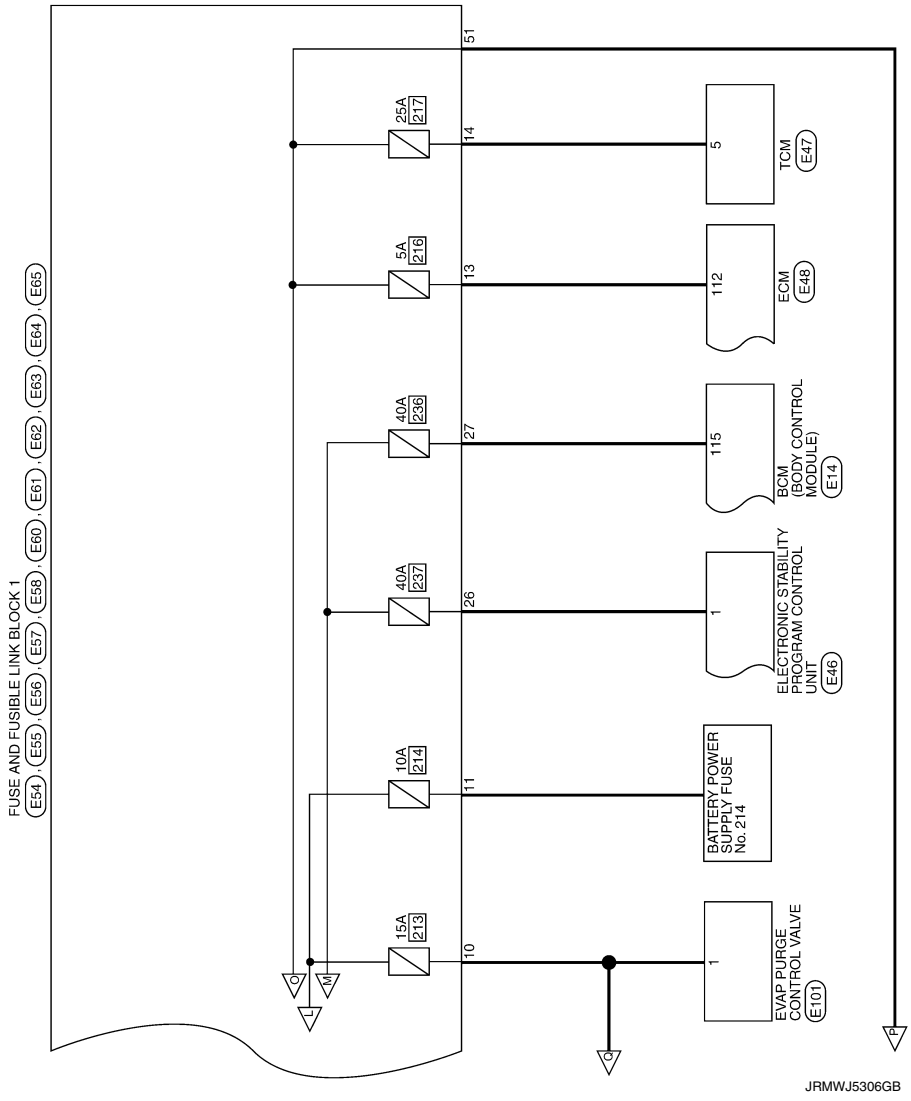

OP : Without power seat
SN : With sonar system
SD : With sunshade
FUSE AND FUSIBLE LINK BLOCK 2
M105, M107, M108, M109, M110, M111, M112, M113, M115, M116, M117, M118, M119, M120, M121, M122, M123, M124, M125, M126, M127, M128, M129, M130, M131, M308, E66
BATTERY POWER SUPPLY FUSE No. 55
SONAR CONTROL UNIT
M4 : SN
SUNSHADE MOTOR ASSEMBLY
M208 : SD
OVERHEAD CONTROL PANEL CONTROL UNIT
M172
AIR BAG DIAGNOSIS SENSOR UNIT
M5 : MX
M266 : EM
LUMBAR SUPPORT CONTROL UNIT
M660* : OP
DRIVER SEAT CONTROL UNIT
M615* : WP
A/C AUTO AMP.
M36
STEERING COLUMN CONTROL MODULE
M3
SUNSHADE MOTOR ASSEMBLY
M208 : SD
JRMWJ5301GB

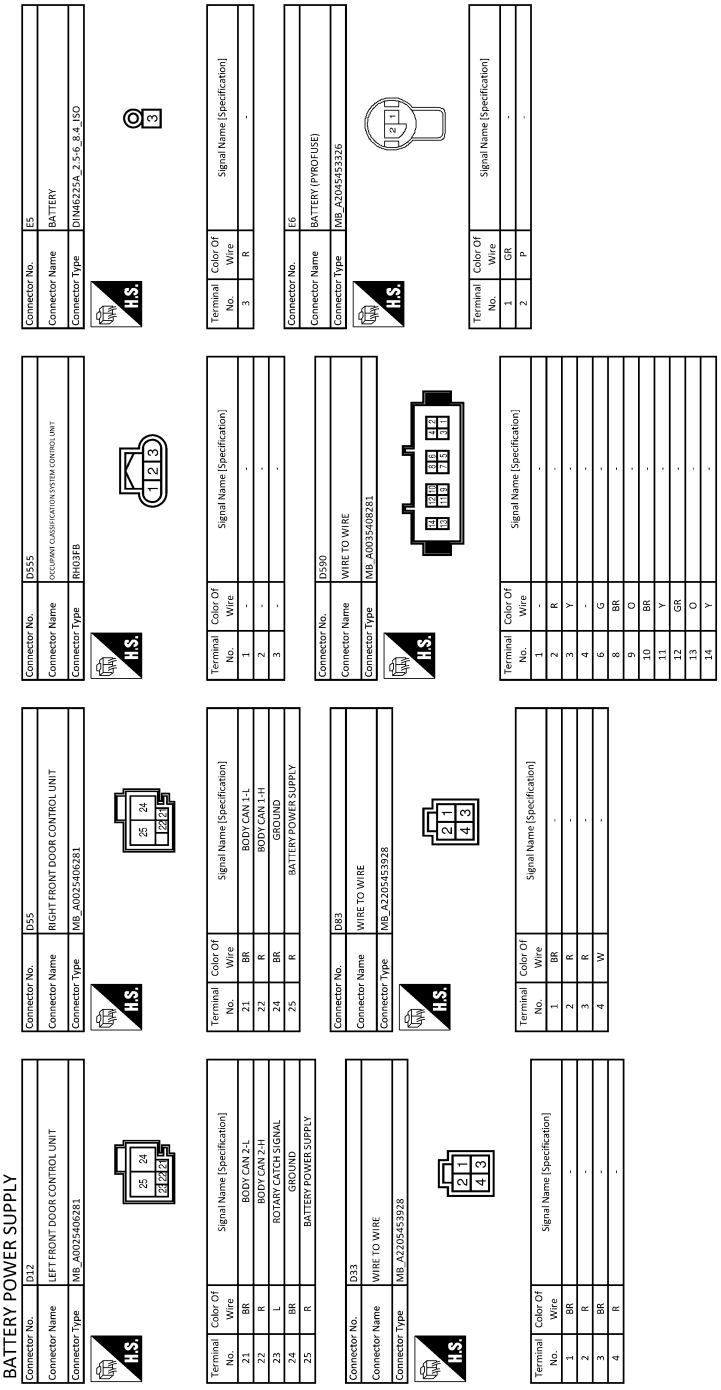

WP : With power seat
*2 10 : 2W
13 : AW
FUSE AND FUSIBLE LINK BLOCK 2
M105, M107, M108, M109, M110, M111, M112, M113, M115, M116, M117, M118, M119, M120, M121, M122, M123, M124, M125, M126, M127, M128, M129, M130, M131, M308, E66
25A 72
30A 74
30A 73
25A 71
25A 70
5A 65
25A 63
30A 60
30A 59
10A 58
10A 56
7.5A 46
CONSOLE POWER SOCKET M232
ELECTRIC PARKING BRAKE CONTROL MODULE M70
LUGGAGE ROOM POWER SOCKET M170
REAR POWER SOCKET M236
DAMPER M281
FUEL PUMP CONTROL MODULE *2 M365 : AW M456 : 2W
DRIVER SEAT CONTROL UNIT M615 : WP
PASSANGER SEAT CONTROL UNIT M618 : WP
INTELLIGENT KEY UNIT M149
STEERING COLUMN CONTROL MODULE M3
PASSENGER SEAT CONTROL UNIT M618 : WP
M33 M235
M143 M284
M213 M244
M225 M614
M134 M617
M227 E117
G E H C
JRMWJ5302GB


FUSE AND FUSIBLE LINK BLOCK 1
E54, E55, E56, E57, E58, E60, E61, E62, E63, E64, E65
FUSE AND FUSIBLE LINK BLOCK 2
M105, M107, M108, M109, M110, M111, M112, M113, M115, M116, M117, M118, M119, M120, M121, M122, M123, M124, M125, M126, M127, M128, M129, M130, M131, M308, E66
PRECHAITUNG RELAY
MOTOR RELAY
WATER PUMP RELAY
25A 240
10A 220
40A 81
40A 80
40A 79
30A 25
30A 24
30A 23
WATER PUMP
WATER PUMP E113
ECM E48
BCM (BODY CONTROL MODULE) M26
BLOWER REGULATOR M183
RIGHT FRONT DOOR CONTROL UNIT D55
LEFT FRONT DOOR CONTROL UNIT D12
M62 D83
M60 D33
JRMWJ5303GB


FUSE AND FUSIBLE LINK BLOCK 1
E54, E55, E56, E57, E58, E60, E61, E62, E63, E64, E65
FANFARE RELAY
SUPPORT UNIT SECONDARY AIR PUMP RELAY
15A 205
FRONT WIPER HI/LO RELAY
FRONT WIPER RELAY
30A 239
INJECTION RELAY
STARTER RELAY
39
2
37
36
38
42
33
34
35
41
49
135
BCM (BODY CONTROL MODULE) E15
HORN (LO) E87
HORN (HI) E88
FRONT WIPER MOTOR E69
137
BCM (BODY CONTROL MODULE) E15
E33
136
123
BCM (BODY CONTROL MODULE) E15
E41
F522
4
1
STARTER MOTOR F528
116
148
ECM E48
JRMWJ5304GB


IC : With ICC
FUSE AND FUSIBLE LINK BLOCK 1
E54, E55, E56, E57, E58, E60, E61, E62, E63, E64, E65
15A 212
5A 218
20A 203
25A 204
7.5A 224
5A 230
9
22
23
1
28
16
E223
F147
7
IC
COOLING FAN MOTOR E22
EXHAUST CAMSHAFT ACTUATOR F163
INTAKE CAMSHAFT ACTUATOR F162
ELECTRONIC STABILITY PROGRAM CONTROL UNIT E46
BATTERY POWER SUPPLY FUSE No. 203
ELECTRONIC STABILITY PROGRAM CONTROL UNIT E46
ICC SENSOR E29 : IC
ELECTRONIC STABILITY PROGRAM CONTROL UNIT E46
JRMWJ5305GB


FUSE AND FUSIBLE LINK BLOCK 1
(E54), (E55), (E56), (E57), (E58), (E60), (E61), (E62), (E63), (E64), (E65)
51
25A 217
14
5
TCM (E47)
5A 216
13
112
ECM (E48)
40A 236
27
115
BCM (BODY CONTROL MODULE) (E14)
40A 237
26
1
ELECTRONIC STABILITY PROGRAM CONTROL UNIT (E46)
10A 214
11
BATTERY POWER SUPPLY FUSE No. 214
15A 213
10
1
EVAP PURGE CONTROL VALVE (E101)
JRMWJ5306GB



JRMWJ5650GB

BATTERY POWER SUPPLY

Connector No.	E7
Connector Name	BATTERY
Connector Type	MB_A2469820102

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
4	B	-

Connector No.	E8
Connector Name	BATTERY SENSOR
Connector Type	MB_A0065400281

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	R	-

Connector No.	E14
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MB_A0235458926

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
115	R	BAT (VIA DECOUPLING RELAY)
117	R	BAT (VIA DECOUPLING RELAY)
118	BR	GND

Connector No.	E15
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MB_A1665400081

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
119	V	RR WASHER CONT
120	GR	FR WASHER CONT
121	W	BRAKE PEDAL
122	Y	SPARY NOZZLE HOSE HEATER POWER SUPPLY
123	G	INJECTION RELAY CONT
124	BR	HOOD SWITCH STATUS 1
125	B	KI.15 MOTORST
126	GR	PARKING LAMP LH
129	G	FRONT WIPER STOP POSITION
131	Y	FRONT FOG LAMP LH
132	O	HIGH BEAM LH
133	L	LOW BEAM RH [With halogen lamp]
133	Y	LOW BEAM RH [With LED lamp]
134	BR	WASHER LEVEL SW GND
135	P	HORN CONT
136	R	FR WIPER RELAY CONT
137	V	FR WIPER HI/LO RELAY CONT
138	G	BRAKE FLUID LEVEL SW SIG
139	L	WASHER LEVEL SW SIG
140	Y	HOOD SWITCH STATUS 2
141	R	WARM START
142	V	FRONT TURN SIGNAL LH

Connector No.	E16
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MB_A1665400181

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
143	Y	FRONT FOG LAMP RH
144	W	HIGH BEAM RH
145	GR	LOW BEAM LH
146	P	FRONT TURN SIGNAL RH
148	V	FR BRAKE WEAR SENSOR RH
150	GR	PARKING LAMP RH
152	L	LIN (BAT SENSOR)
154	Y	HEADLAMP AIMING RH
157	O	SSK STAT
158	R	COOLANT LEVEL SW SIG
159	BR	COOLANT LEVEL SW GND
161	P	AMBIENT SENSOR GND
162	G	AMBIENT SENSOR SIG
164	O	BRAKE FLUID LEVEL SW GND
165	V	HEADLAMP AIMING LH
166	R	DECOUPLING RELAY CONT

Connector No.	E22
Connector Name	COOLING FAN MOTOR
Connector Type	MB_A2225400081

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	BATTERY POWER SUPPLY
2	R	BATTERY POWER SUPPLY (MOTOR RELAY)
3	L	COOING FAN MOTOR CONTROL
4	B	GROUND

Connector No.	E29
Connector Name	ICC SENSOR
Connector Type	MB_A2105404581

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	GROUND
2	W	CAN-H
3	G	CAN-L
8	B	BATTERY POWER SUPPLY

Connector No.	E41
Connector Name	WIRE TO WIRE
Connector Type	MB_A0275459826

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	-	-
3	R	-
4	V	-
8	V	-
10	P	-
11	G	-
12	BR	-
14	W	-

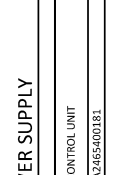
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BATTERY POWER SUPPLY

Connector No.	E45
Connector Name	EPS CONTROL UNIT
Connector Type	MB_A2465400181

Terminal No.	Color Of Wire	Signal Name [Specification]
3	R	BATTERY POWER SUPPLY
4	BR	GROUND

Connector No.	E46
Connector Name	ELECTRONIC STABILITY PROGRAM CONTROL UNIT
Connector Type	MB_A2465400581



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	MOTOR POWER SUPPLY
2	W	BRAKE PEDAL
4	P	RIGHT FRONT AXLE RPM SENSOR SIGNAL
5	GR	BRAKE VACUUM SENSOR POWER SUPPLY
6	B	BRAKE LIGHT SWITCH-L
7	R	BATTERY POWER SUPPLY
8	Y	LFET FRONT AXLE RPM SENSOR SIGNAL
10	O	STANDSTILL CONTROL (SSC) STATUS
12	P	BRAKE VACUUM SENSOR SIGNAL
13	BR	GROUND (MOTOR)
14	G	CAN-L
16	B	RIGHT FRONT AXLE RPM SENSOR POWER SUPPLY
17	Y	RIGHT REAR AXLE RPM SENSOR POWER SUPPLY
18	BR	LFET REAR AXLE RPM SENSOR SIGNAL
19	W	LFET FRONT AXLE RPM SENSOR POWER SUPPLY
23	B	BRAKE VACUUM SENSOR GROUND
25	P	VALVE RELAY POWER SUPPLY
26	W	CAN-H

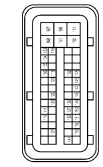
28	R	BATTERY POWER SUPPLY
29	P	RIGHT REAR AXLE RPM SENSOR SIGNAL
30	V	BRAKE LIGHT SWITCH-H
31	GR	LFET REAR AXLE RPM SENSOR POWER SUPPLY
32	L	BRAKE LIGHT SWITCH GROUND
35	R	BRAKE LIGHT SWITCH POWER SUPPLY
38	B	GROUND (VALVE)

Connector No.	E47
Connector Name	TCM
Connector Type	MB_A2465450026



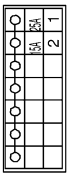
Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	CAN-L
2	V	NOT P
3	GR	CAN-H
5	W	BATTERY POWER SUPPLY

Connector No.	E48
Connector Name	ECM
Connector Type	MB_A0075406981



Terminal No.	Color Of Wire	Signal Name [Specification]
97	R	POWER SUPPLY (ECM)
98	BR	ECM GROUND
99	V	POWER SUPPLY (ECM)
100	BR	ECM GROUND
101	R	POWER SUPPLY (ECM)
102	B	ECM GROUND
103	L	COOLING FAN CONTROL SIGNAL
104	R	SENSOR POWER SUPPLY (ACCELERATOR PEDAL POSITION SENSOR 1)
105	G	SENSOR POWER SUPPLY (ACCELERATOR PEDAL POSITION SENSOR 2)
106	BR	SENSOR GROUND (ACCELERATOR PEDAL POSITION SENSOR1)
111	B	IGNITION SIGNAL
112	Y	POWER SUPPLY (BATTERY)
116	W	STARTER RELAY-L
119	GR	SENSOR GROUND (ACCELERATOR PEDAL POSITION SENSOR 2)
120	O	SENSOR GROUND
122	R	HOT START SIGNAL
123	GR	MOTOR RELAY CONTROL SIGNAL
127	O	FUEL PUMP ON SIGNAL
132	G	ACCELERATOR PEDAL POSITION SENSOR 1
136	Y	POWERTRAIN SENSOR CAN-H
137	W	CAN-H
138	GR	POWERTRAIN CAN-H
141	B	WATER PUMP RELAY CONTROL SIGNAL
145	W	ACCELERATOR PEDAL POSITION SENSOR 2
146	G	FUEL TANK PRESSURE SENSOR
147	L	CRASH SIGNAL
148	W	STARTER RELAY-H
149	B	POWERTRAIN SENSOR CAN-L
150	G	CAN-L
151	L	POWERTRAIN CAN-L
152	V	EVAP CANISTER VENT CONTROL VALVE
153	BR	EVAP PURGE CONTROL VALVE

Connector No.	E54
Connector Name	FUSE AND FUSIBLE LINK BLOCK 1
Connector Type	MB_A0055459701



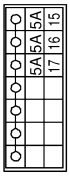
Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	-
2	B	-

Connector No.	E55
Connector Name	FUSE AND FUSIBLE LINK BLOCK 1
Connector Type	MB_A0055459901



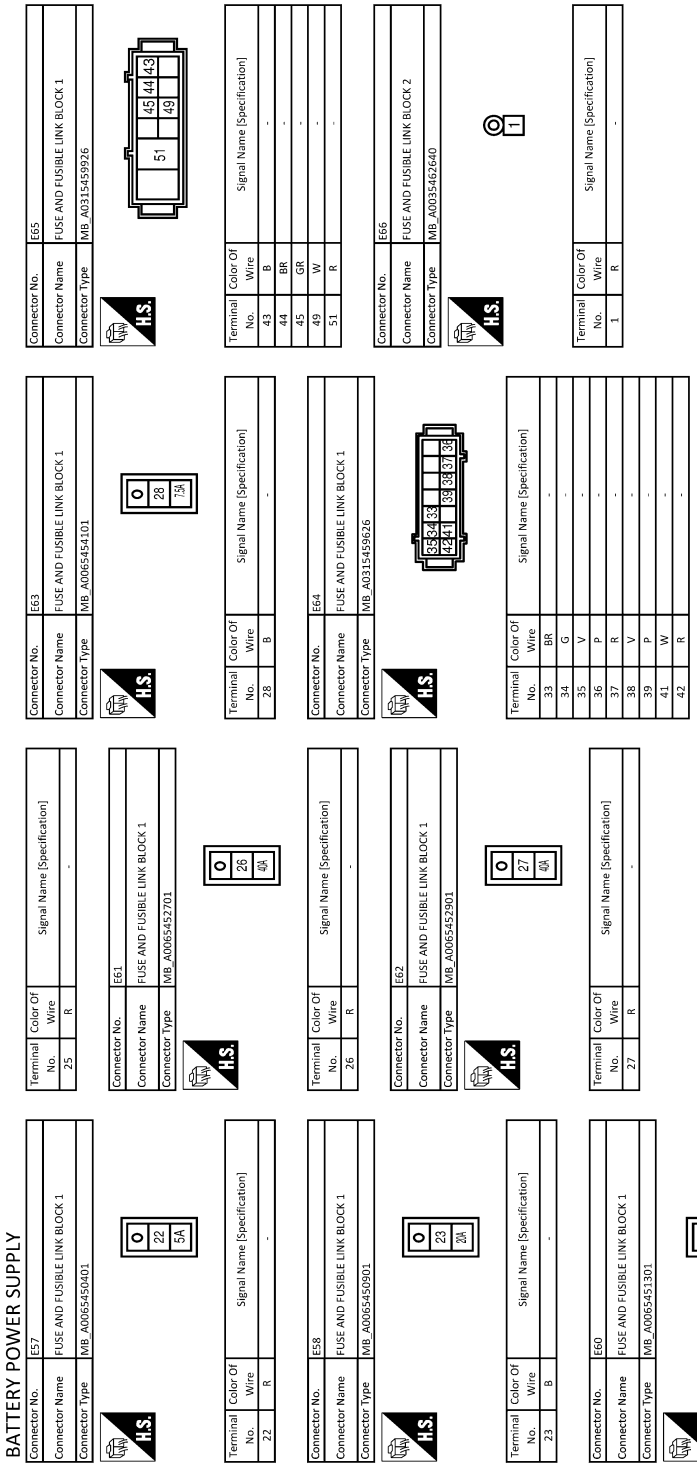
Terminal No.	Color Of Wire	Signal Name [Specification]
9	G	-
10	L	-
11	V	-
13	Y	-
14	W	-

Connector No.	E56
Connector Name	FUSE AND FUSIBLE LINK BLOCK 1
Connector Type	MB_A0065450001

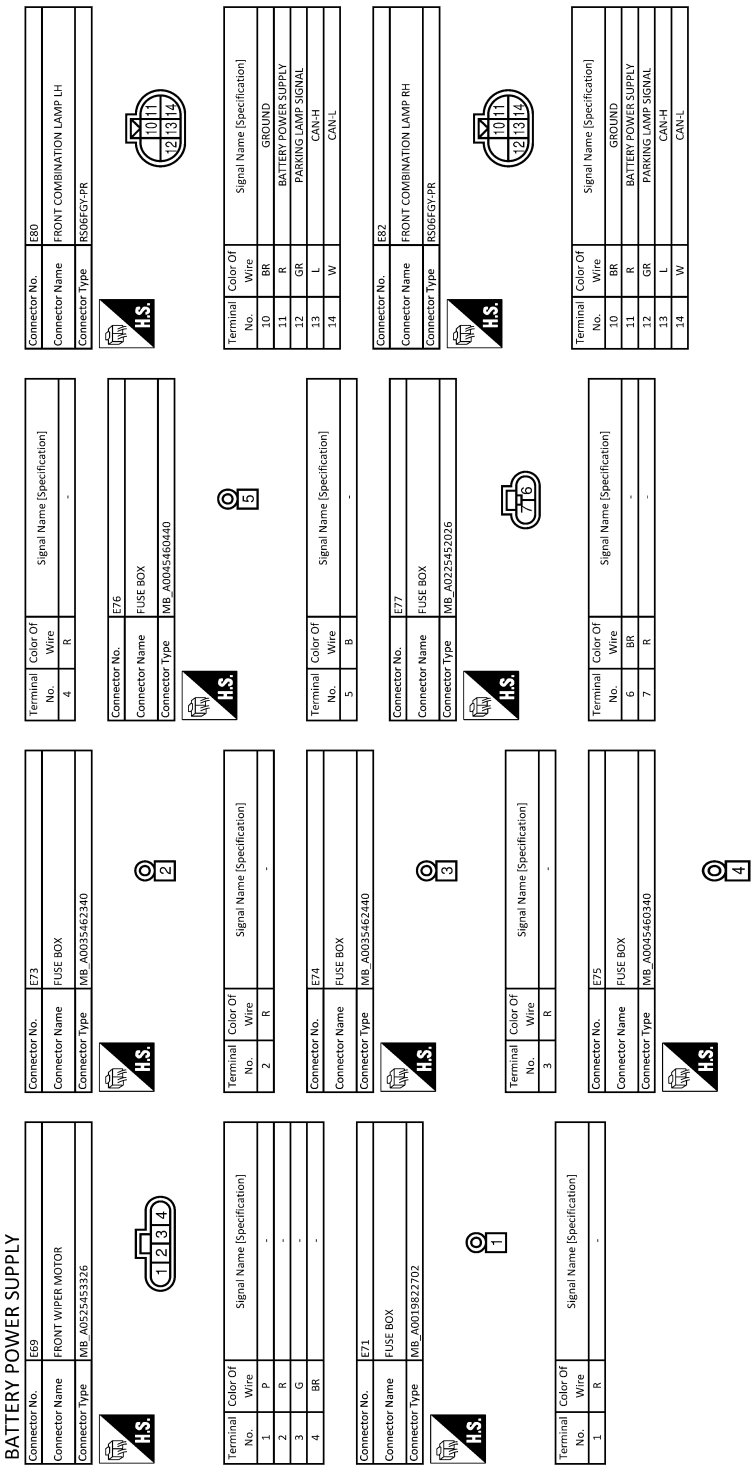


Terminal No.	Color Of Wire	Signal Name [Specification]
15	G	-
16	R	-
17	P	-

JRMWJ5309GB



JRMWJ5310GB



JRMWJ5311GB

BATTERY POWER SUPPLY

Connector No.	E87
Connector Name	HORN (LO)
Connector Type	MB_A0525453826

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	BR	-

Connector No.	E88
Connector Name	HORN (HI)
Connector Type	MB_A0525453826

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	BR	-

Connector No.	E94
Connector Name	WIRE TO WIRE
Connector Type	MB_A2205459928

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	V	-
2	GR	-
3	L	-
4	W	-
6	BR	-
7	L	-
9	P	-
10	Y	-
12	GR	-
13	O	-
14	P	-

Connector No.	E101
Connector Name	EVAP PURGE CONTROL VALVE
Connector Type	MB_A0435454228

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	-
2	BR	-

Connector No.	E113
Connector Name	WATER PUMP
Connector Type	MB_A0225452426

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	R	-

Connector No.	E115
Connector Name	FRONT COMBINATION LAMP LH
Connector Type	R508FGY-PR

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	CAN-H
2	L	CAN-L
3	Y	HEADLAMP POWER SUPPLY
4	V	BATTERY POWER SUPPLY
5	B	GROUND
11	GR	HEADLAMP POWER SUPPLY
12	BR	BATTERY POWER SUPPLY
13	B	GROUND

Connector No.	E116
Connector Name	FRONT COMBINATION LAMP RH
Connector Type	R508FGY-PR

H.S.

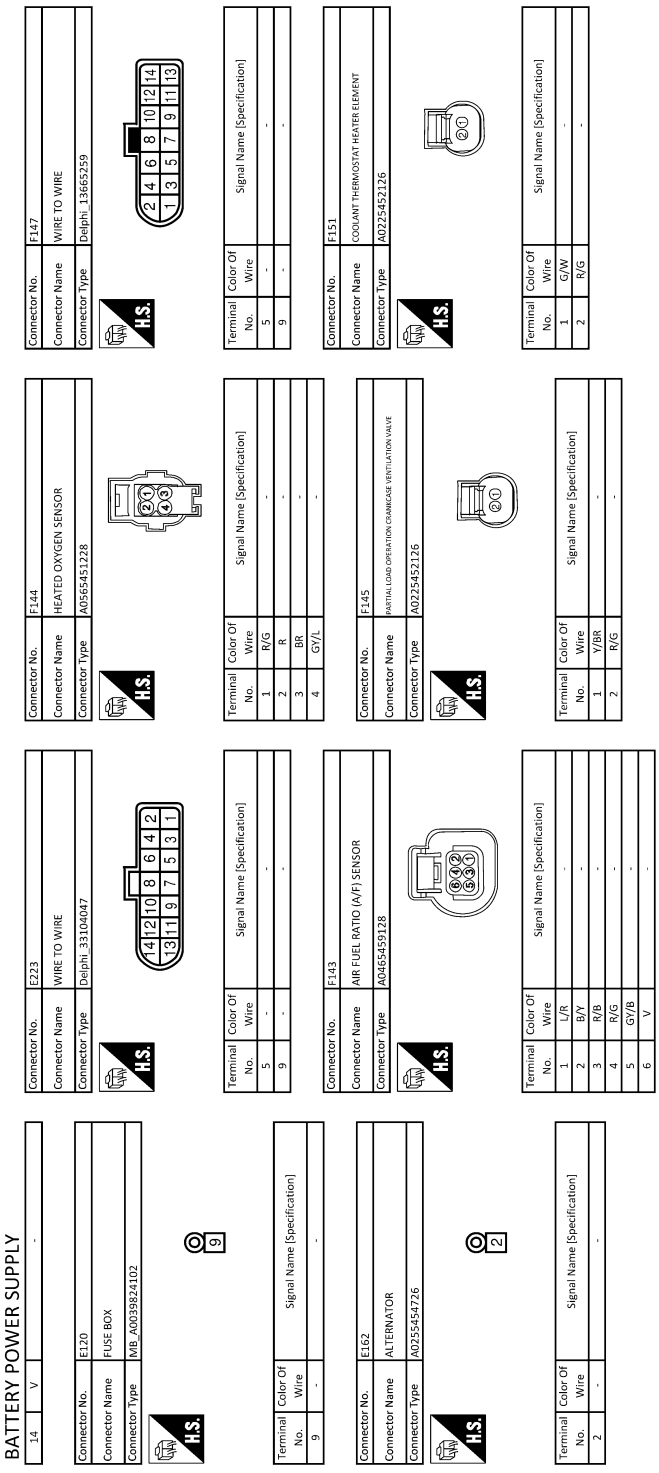
Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	CAN-H
2	L	CAN-L
3	GR	HEADLAMP POWER SUPPLY
4	BR	BATTERY POWER SUPPLY
5	B	GROUND
11	Y	HEADLAMP POWER SUPPLY
12	BR	BATTERY POWER SUPPLY
13	B	GROUND

Connector No.	E117
Connector Name	WIRE TO WIRE
Connector Type	MB_A2205459928

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	V	-
3	R	-
4	P	-
5	GR	-
6	L	-
7	G	-
8	O	-
10	Y	-
11	W	-
12	B	-
13	R	-

JRMWJ5312GB

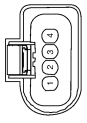


JRMWJ5313GB

BATTERY POWER SUPPLY

Connector No.	F153
Connector Name	IGNITION COIL (No.1)
Connector Type	A0225457026

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B/L	-
2	BR/Y	-
3	P	-
4	BR	-

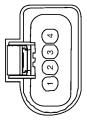
Connector No.	F154
Connector Name	IGNITION COIL (No.2)
Connector Type	A0225457026

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	B/L	-
2	BR/Y	-
3	L	-
4	BR	-

Connector No.	F155
Connector Name	IGNITION COIL (No.3)
Connector Type	A0225457026

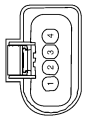
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B/L	-
2	BR/Y	-
3	G	-
4	BR	-

Connector No.	F156
Connector Name	IGNITION COIL (No.4)
Connector Type	A0225457026

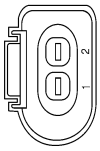
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B/L	-
2	BR/Y	-
3	V/L	-
4	BR	-

Connector No.	F157
Connector Name	FUEL LOAD OPERATION VENTURE HEATER ELEMENT
Connector Type	A0525453826

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	-	-
2	-	-

Connector No.	F159
Connector Name	DIVERT AIR SWITCHOVER VALVE
Connector Type	A0315454826

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B/BR	-
2	R/G	-

Connector No.	F160
Connector Name	ENGINE OIL PUMP VALVE
Connector Type	A0225451926

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	W/R	-
2	R/G	-

Connector No.	F161
Connector Name	COOLANT PUMP SWITCHOVER VALVE
Connector Type	A0065401781

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R/G	-
2	BR/B	-

JRMWJ5314GB

BATTERY POWER SUPPLY

Connector No.	F162
Connector Name	INTAKE CAMSHAFT ACTUATOR
Connector Type	A0315454826

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	BR/B	-

Connector No.	F163
Connector Name	EXHAUST CAMSHAFT ACTUATOR
Connector Type	A0315454826

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	P/Y	-
2	BR/B	-

Connector No.	F168
Connector Name	BOOST PRESSURE CONTROL VACUUM TRANSDUCER
Connector Type	A0225451926

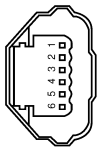
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R/G	-
2	BR/Y	-

Connector No.	F172
Connector Name	INTAKE CAMSHAFT VALVE LIFT SWITCHOVER
Connector Type	A0325456926

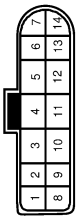
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-

Connector No.	F522
Connector Name	WIRE TO WIRE
Connector Type	MB_A0555452928

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	-	-
3	R	-
4	V	-
8	V	-
10	P	-
11	G	-
12	BR	-
14	W	-

Connector No.	F528
Connector Name	STARTER MOTOR
Connector Type	YPZ01FGY

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	-	-

Connector No.	M3
Connector Name	STEERING COLUMN CONTROL MODULE
Connector Type	MB_A2045401281

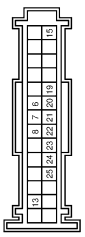
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	CAN-L (CHASIS)
2	W	CAN-H (CHASIS)
3	BR	GND
4	R	KL30G
6	R	KL30
7	BR	GND
8	L	AB1+
9	Y	AB1-
10	V	AB2+
11	G	AB2-

Connector No.	M4
Connector Name	SONAR CONTROL UNIT
Connector Type	MB_A0015403081

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
6	L	CORNER SENSAR SIGNAL REAR LH
7	R	CENTER SENSAR SIGNAL REAR RH
8	Y	SIDE SENSAR SIGNAL REAR RH
13	BR	GROUND
15	R	BATTERY POWER SUPPLY
19	BR	REAR SENSOR POWER SUPPLY
20	V	SIDE SENSAR SIGNAL REAR LH
21	W	CENTER SENSAR SIGNAL REAR LH
22	Y	CORNER SENSAR SIGNAL REAR RH
23	B	REAR SENSOR GROUND

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BATTERY POWER SUPPLY

24	G	CAN-L
25	W	CAN-H

Connector No.	M5
Connector Name	AIR BAG DIAGNOSIS SENSOR UNIT
Connector Type	MB_A0095405681

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	BUMPER SENSOR RH GROUND
2	W	BUMPER SENSOR RH SIGNAL
3	B	BUMPER SENSOR LH SIGNAL
4	W	BUMPER SENSOR LH GROUND
9	L/G	POP-UP ENGINE HOOD ACTUATOR RH (-)
10	BR/B	POP-UP ENGINE HOOD ACTUATOR RH (+)
11	O	POP-UP ENGINE HOOD ACTUATOR LH (+)
12	BR/W	POP-UP ENGINE HOOD ACTUATOR LH (-)
37	V	FUSE(-)
38	W	FUSE(+)
40	Y	OCCUPANT I/N SIGNAL
41	V/G	RPRH(+)
42	BR/Y	RPRH(-)
43	BR/Y	RPLH(-)
44	V/G	RPLH(+)
45	B	REAR BUCKLE SWITCH RH(-)
46	G	REAR BUCKLE SWITCH RH(+)
47	B	REAR BUCKLE SWITCH CENTER(-)
48	G	REAR BUCKLE SWITCH CENTER(+)
49	B	REAR BUCKLE SWITCH RH(-)
50	G	REAR BUCKLE SWITCH RH(+)
51	Y	AIR BAG SIGNAL
52	P	AIR BAG SIGNAL
53	G	CAN-L
54	W	CAN-H
57	R	B-SATELITE LH(+)
58	B	B-SATELITE LH(-)
59	BR	B-SATELITE RH(-)
60	L	B-SATELITE RH(+)
61	BR	FRONT DOOR SATELLITE RH(-)
62	G	FRONT DOOR SATELLITE RH(+)
63	B	FRONT DOOR SATELLITE LH(+)
64	BR	FRONT DOOR SATELLITE LH(-)
67	W	REAR DOOR SATELLITE RH(-)
68	B	REAR DOOR SATELLITE RH(+)
69	R	REAR DOOR SATELLITE LH(+)
70	W	REAR DOOR SATELLITE LH(-)
71	Y	BUCKLE SWITCH AS(+)
72	O	BUCKLE SWITCH AS(-)
73	Y	BUCKLE SWITCH DR(+)
74	O	BUCKLE SWITCH DR(-)
75	V/G	CLH(+)
76	BR/Y	CLH(-)
77	W/BR	CRH(+)
78	R/V	CRH(-)
85	P	CZS RH(-)
86	W	CZS RH(+)
87	BR	CZS LH(-)
88	L	CZS LH(+)
89	O	SAB AS(-)
90	Y	SAB AS(+)
93	Y	SAB DR(+)
94	O	SAB DR(-)
95	BR	FPRH(-)
96	L/W	FPRH(+)
97	G	FPLH(+)
98	V	FPLH(-)
100	BR	GND
101	BR	GND
103	Y	KI.15R
104	G	KI.30

Connector No.	M8
Connector Name	AROUND VIEW MONITOR CONTROL UNIT
Connector Type	TH40FW-NH

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
3	SHIELD	SHIELD
4	O	CAMERA IMAGE SIGNAL
5	B	FRONT CAMERA GROUND
6	R	FRONT CAMERA POWER SUPPLY
7	SHIELD	SHIELD
8	W	FRONT CAMERA IMAGE SIGNAL
9	W	SIDE CAMERA LH GROUND
10	R	SIDE CAMERA LH POWER SUPPLY
11	SHIELD	SHIELD
12	B	SIDE CAMERA LH IMAGE SIGNAL
13	W	SIDE CAMERA RH GROUND
14	R	SIDE CAMERA RH POWER SUPPLY
15	SHIELD	SHIELD
16	B	SIDE CAMERA RH IMAGE SIGNAL
17	R	REAR CAMERA GROUND
18	W	REAR CAMERA POWER SUPPLY
19	SHIELD	SHIELD
20	B	REAR CAMERA IMAGE SIGNAL
24	P	CAN-L
25	L	CAN-H
26	L	REVERSE SIGNAL
32	G	GROUND
39	B	IGNITION SIGNAL
40	G	

Connector No.	M9
Connector Name	AV CONTROL UNIT
Connector Type	TH18FW-CS2

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	SHIELD	SHIELD
2	L	SOUND SIGNAL FRONT LH (+) [Without BOSE audio]
2	L	SOUND SIGNAL LH (+) [With BOSE audio]
3	P	SOUND SIGNAL LH (-) [With BOSE audio]
3	W	SOUND SIGNAL FRONT LH (-) [Without BOSE audio]
4	LG	SOUND SIGNAL REAR LH (+)
5	SB	SOUND SIGNAL REAR LH (-)
7	L	ACC POWER SUPPLY
8	W	DISK EJECT SIGNAL
9	G	DISK EJECT SIGNAL GROUND
10	SHIELD	SHIELD
11	BR	SOUND SIGNAL FRONT RH (+) [Without BOSE audio]
11	LG	SOUND SIGNAL RH (+) [With BOSE audio]
12	P	SOUND SIGNAL RH (-) [With BOSE audio]
12	Y	SOUND SIGNAL FRONT RH (-) [Without BOSE audio]
19	Y	BATTERY POWER SUPPLY
20	B	GROUND

Connector No.	M17
Connector Name	WIRE TO WIRE
Connector Type	MB_A2205453928

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	V	-
2	BR	-
4	L	-

Connector No.	M20
Connector Name	BOSE AMP.
Connector Type	SGA12FBR-SJA2

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	SOUND SIGNAL FRONT DOOR SPEAKER RH (+)
2	W	SOUND SIGNAL FRONT DOOR SPEAKER RH (-)
3	L	SOUND SIGNAL WOOFER (+)
4	Y	SOUND SIGNAL WOOFER (-)
5	BR	SOUND SIGNAL FRONT DOOR SPEAKER LH (+)
6	R	SOUND SIGNAL FRONT DOOR SPEAKER LH (-)
7	B	GROUND
8	V	SOUND SIGNAL WOOFER (-)
9	BR	SOUND SIGNAL REAR PILLAR SQUAWKER RH (-)
10	BR	BATTERY POWER SUPPLY
11	GR	BATTERY POWER SUPPLY
12	B	GROUND
13	O	SOUND SIGNAL WOOFER (+)
14	P	SOUND SIGNAL REAR PILLAR SQUAWKER RH (+)

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BATTERY POWER SUPPLY

Connector No.	M26
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MB_A023545982 6

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
15	W	BAT (FUSE)
16	BR	BAT (FUSE)
17	R	BAT (FUSE)
18	B	GND

Connector No.	M28
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MB_A166540048 1

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
67	V	BACK DOOR UNLOCK
69	GR	STOP LAMP (BODY RH)
70	B	REAR TURN SIGNAL LH
71	GR	BACK-UP LAMP RH
72	Y	LICENSE PLATE LAMP RH
73	L	RR POWER WINDOW SW RH UP
74	B	RR POWER WINDOW SW RH DOWN
75	L	RR POWER WINDOW SW RH GND
76	GR	HALL SENSOR RH POWER SUPPLY
77	R	SUB BAT-
78	B	TERMINAL RELAY 15R1 CONT
80	B	REAR WIPER RELAY CONT
82	GR	TAIL LAMP (BODY LH)
83	P	TERMINAL RELAY 15R2 CONT
85	B	TAIL LAMP (BK LH)
87	R	BAT (VIA LATCHING TERMINAL RELAY 30G)
89	O	HALL SENSOR RH GND
90	V	HALL SENSOR RH SIGNAL
91	P	FUEL LEVEL SENSOR GND
92	L	FUEL LEVEL SENSOR
93	GR	FUEL LEVEL SENSOR
94	Y	FUEL FILLER LID STATUS
97	G	LATCHING TERMINAL RELAY 30G CONT 1
98	B	LATCHING TERMINAL RELAY 30G GND 1
99	W	LATCHING TERMINAL RELAY 30G GND 2
100	V	LATCHING TERMINAL RELAY 30G CONT 2
101	Y	REAR DOOR INSIDE HANDLE LAMP CONT
102	GR	AMBIENT LAMP CONT
103	V	SUB BAT RELAY CONT
105	G	RR DOOR LH UNLOCK
106	W	FUEL FILLER LID UNLOCK
107	L	RR DOOR LH LOCK
108	R	SUB BAT+
109	O	LIN (ROOF)
112	BR	CAN-L (BODY 1)
113	R	CAN-H (BODY 1)
114	B	INJECTION RELAY CONT

Connector No.	M32
Connector Name	COMBINATION METER
Connector Type	MB_A052545272 6

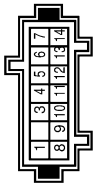
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	GROUND
4	R	BATTERY POWER SUPPLY
12	GR	CAN-L
13	W	CAN-H
17	BR	CAN-L
18	R	CAN-H

Connector No.	M33
Connector Name	WIRE TO WIRE
Connector Type	MB_A036545872 8

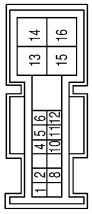
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
3	R	-
4	B	-
5	W	-
6	B	-
7	G	-
8	R	-
9	V	-
10	BR	-
11	BR	-
14	BR	-

Connector No.	M36
Connector Name	A/C AUTO AMP.
Connector Type	MB_A002540558 1

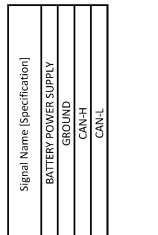
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	REFRIGERANT PRESSURE SENSOR GROUND
2	B	REFRIGERANT PRESSURE SENSOR SIGNAL
4	BR	CAN-L
5	R	CAN-H
6	V	COMPRESSOR (ECV) CONTROL SIGNAL
8	L	REFRIGERANT PRESSURE SENSOR POWER SUPPLY
10	Y	REAR WINDOW DEFOGGER RELAY CONTROL SIGNAL
11	V	LIN (BLOWER MOTOR)
12	G	COMPRESSOR (ECV) GROUND
13	P	COMPRESSOR (MAGNET CLUTCH) CONTROL SIGNAL
14	R	COOLANT CIRCULATION PUMP CONTROL SIGNAL
15	BR	GROUND
16	O	BATTERY POWER SUPPLY

Connector No.	M43
Connector Name	DATA LINK CONNECTOR
Connector Type	BD16FW

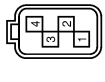
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
4	B	CHASSIS_GND
5	B	ELECTRONICS_GND
6	GR	DIAGNOSTICS-CAN_H_DAI
8	W	IGN_SW
12	L	DIAGNOSTIC-CAN-L_NIS
13	V	DIAGNOSTIC-CAN_H_NIS
14	GR	DIAGNOSTICS-CAN_L_DAI
16	R	BATTERY

Connector No.	M44
Connector Name	LOW TIRE PRESSURE WARNING CONTROL UNIT
Connector Type	MB_A210540438 1

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
1	O	BATTERY POWER SUPPLY
2	BR	GROUND
3	W	CAN-H
4	G	CAN-L

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BATTERY POWER SUPPLY

Connector No.	M48
Connector Name	AWD CONTROL UNIT
Connector Type	MB_A0523451826

Terminal No.	Color Of Wire	Signal Name [Specification]
2	L	CAN-L
3	W	CAN-H
6	L	BATTERY POWER SUPPLY
7	BR	GROUND
10	BR	AWD SOL (-)
11	O	AWD SOL (+)
12	R	BATTERY POWER SUPPLY

Connector No.	M49
Connector Name	WIRE TO WIRE
Connector Type	MB_A0535451528

Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	L	-
3	W	-
4	O	-

Connector No.	M52
Connector Name	DISPLAY CONTROL UNIT
Connector Type	TH24FW-NH

Terminal No.	Color Of Wire	Signal Name [Specification]
46	G	AV COMMUNICATION SIGNAL (L)
47	P	CAN-L
49	R	DIMMER SIGNAL
50	BR	REVERSE SIGNAL
52	B	GROUND
56	BR	CAMERA SWITCH SIGNAL
58	Y	AV COMMUNICATION SIGNAL (H)
59	L	CAN-H
60	W	IGNITION SIGNAL
61	R	VEHICLE SPEED SIGNAL (8-PULSE)
63	L	ACC POWER SUPPLY
64	Y	BATTERY POWER SUPPLY

Connector No.	M58
Connector Name	ELECTRIC SHIFT CONTROL UNIT
Connector Type	MB_A0385457228

Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	BATTERY POWER SUPPLY
2	BR	GROUND
3	W	CAN-H
4	L	CAN-L

Connector No.	M60
Connector Name	WIRE TO WIRE
Connector Type	MB_A0375450528

Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	Y	-
3	BR	-
4	R	-

Connector No.	M62
Connector Name	WIRE TO WIRE
Connector Type	MB_A0375450528

Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	R	-
3	R	-
4	W	-

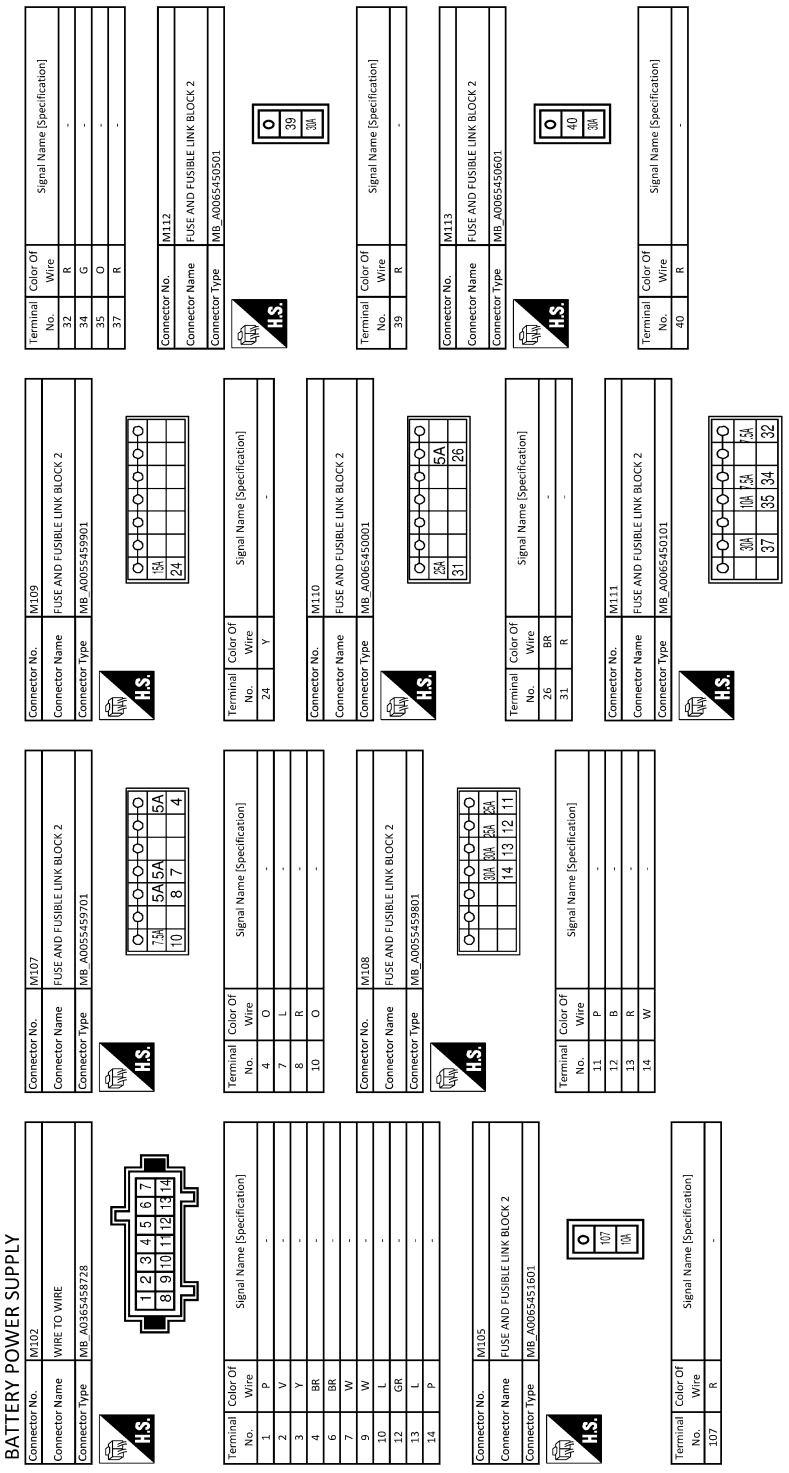
Connector No.	M70
Connector Name	ELECTRIC PARKING BRAKE CONTROL MODULE
Connector Type	MB_A0085409281

Terminal No.	Color Of Wire	Signal Name [Specification]
9	G	ELECTRIC PARKING BRAKE SWITCH 1
10	P	ELECTRIC PARKING BRAKE SWITCH 2
12	R	MOTOR RH (+)
13	W	MOTOR POWER SUPPLY (RH)
14	R	MOTOR LH (+)
15	R	MOTOR POWER SUPPLY (LH)
16	W	CAN-H
17	G	CAN-L
18	O	ELECTRIC PARKING BRAKE SWITCH 3
19	G	ELECTRIC PARKING BRAKE SWITCH 4
22	B	POWER SUPPLY
27	Y	MOTOR RH (-)
28	BR	GROUND (MOTOR RH)
29	V	MOTOR LH (-)
30	BR	GROUND (MOTOR LH)

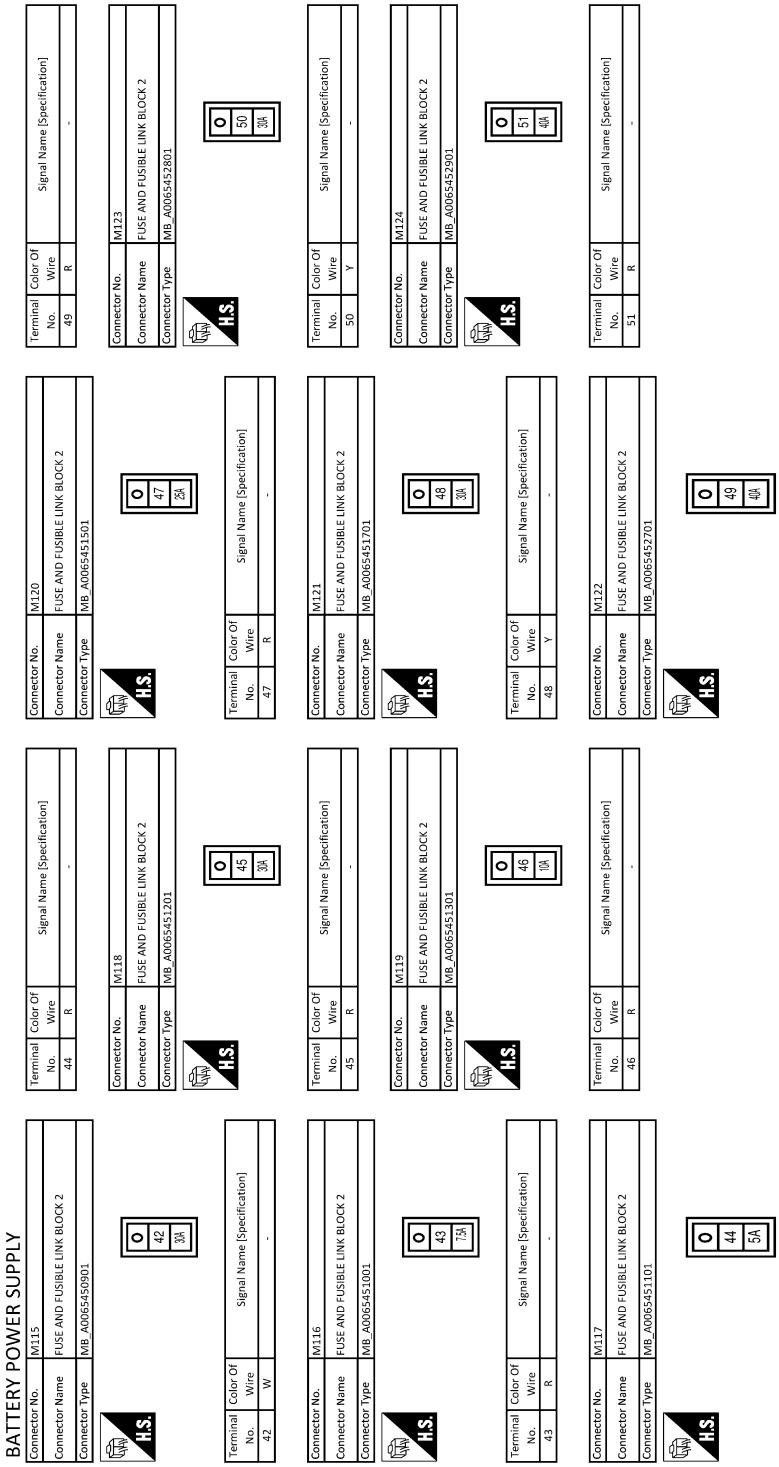
Connector No.	M99
Connector Name	ELECTRONIC IGNITION SWITCH CONTROL UNIT
Connector Type	MB_A0255459026

Terminal No.	Color Of Wire	Signal Name [Specification]
14	R	POWER SUPPLY
15	B	GND
16	L	ROTARY CATCH
17	P	NOT P
19	V	POWER SUPPLY

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BATTERY POWER SUPPLY

Connector No.	M125
Connector Name	FUSE AND FUSIBLE LINK BLOCK 2
Connector Type	MB_A0065453101

H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
52	BR	-

Connector No.	M126
Connector Name	FUSE AND FUSIBLE LINK BLOCK 2
Connector Type	MB_A0065454101

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
53	R	-

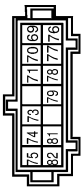
Connector No.	M127
Connector Name	FUSE AND FUSIBLE LINK BLOCK 2
Connector Type	MB_A0065454201

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
54	L	-

Connector No.	M128
Connector Name	FUSE AND FUSIBLE LINK BLOCK 2
Connector Type	MB_A0395456128

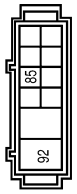
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
69	B	-
70	P	-
71	B	-
73	BR	-
74	B	-
75	G	-
76	R	-
77	Y	-
78	P	-
79	GR	-
81	O	-
82	B	-

Connector No.	M129
Connector Name	FUSE AND FUSIBLE LINK BLOCK 2
Connector Type	MB_A2205453428

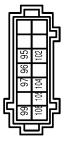
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
85	R	-
92	BR	-

Connector No.	M130
Connector Name	FUSE AND FUSIBLE LINK BLOCK 2
Connector Type	MB_A2205453728

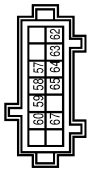
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
95	R	-
96	R	-
97	B	-
99	R	-
102	P	-
104	GR	-
105	V	-
106	W	-

Connector No.	M131
Connector Name	FUSE AND FUSIBLE LINK BLOCK 2
Connector Type	MB_A2205459928

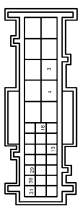
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
57	R	-
58	P	-
59	O	-
60	R	-
62	W	-
63	V	-
64	G	-
65	B	-
67	Y	-

Connector No.	M134
Connector Name	WIRE TO WIRE
Connector Type	MB_A0085402081

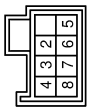
H.S.



Terminal No.	Color Of Wire	Signal Name [Specification]
3	R	-
4	BR	-
13	BR	-
18	R	-
29	R	-
30	BR	-
31	O	-

Connector No.	M135
Connector Name	FUEL PUMP CONTROL MODULE
Connector Type	MB_A0255458826

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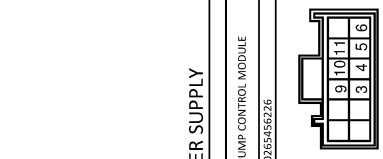


Terminal No.	Color Of Wire	Signal Name [Specification]
2	L	FUEL PUMP ACTIVATION REQUEST
3	W	POWERTRAIN CAN-H
4	L	POWERTRAIN CAN-L
5	GR	BATTERY POWER SUPPLY
6	O	SENSOR GROUND
7	V	FUEL PRESSURE SENSOR
8	G	SENSOR POWER SUPPLY

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BATTERY POWER SUPPLY

Connector No.	M136
Connector Name	FUEL PUMP CONTROL MODULE
Connector Type	MB_A026545626

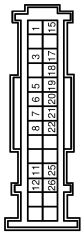


Terminal No.	Color Of Wire	Signal Name [Specification]
3	G	SENSOR POWER SUPPLY
4	V	FUEL PRESSURE SENSOR
5	O	SENSOR GROUND
6	GR	IGNITION SIGNAL
9	L	POWERTRAIN CAN-L
10	W	POWERTRAIN CAN-H
11	L	FUEL PUMP ACTIVATION REQUEST

Connector No.	M143
Connector Name	WIRE TO WIRE
Connector Type	MB_A043545962 8

Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	B	-

Connector No.	M149
Connector Name	INTELLIGENT KEY UNIT
Connector Type	MB_A004540728 1



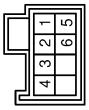
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GND
3	BR	BODY CAN 1-L
5	L	REAR INSIDE KEY ANTENNA SIG 1
6	Y	OUTSIDE KEY ANTENNA RH SIG 1
7	G	OUTSIDE KEY ANTENNA LH SIG 1
8	W	FRONT INSIDE KEY ANTENNA SIG 1
11	GR	FR I-KEY DOOR HANDLE RH GND
12	B	FR I-KEY DOOR HANDLE LH GND
15	R	BATTERY POWER SUPPLY
17	R	BODY CAN 1-H
18	B	KEYLESS COMMUNICATION SIG
19	R	REAR INSIDE KEY ANTENNA SIG 2
20	O	OUTSIDE KEY ANTENNA RH SIG 2
21	V	OUTSIDE KEY ANTENNA LH SIG 2
22	B	FRONT INSIDE KEY ANTENNA SIG 2
25	V	FR I-KEY DOOR HANDLE RH SIG
26	P	FR I-KEY DOOR HANDLE LH SIG

Connector No.	M150
Connector Name	REMOTE KEYLESS ENTRY RECEIVER
Connector Type	MB_A036545672 8



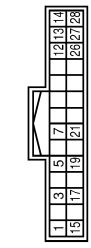
Terminal No.	Color Of Wire	Signal Name [Specification]
2	P	BATTERY POWER SUPPLY
3	B	KEYLESS COMMUNICATION SIG

Connector No.	M162
Connector Name	FRONT CAMERA UNIT
Connector Type	MB_A025545882 6



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	GROUND
2	L	CAN-L
3	W	CAN-H
4	R	BATTERY POWER SUPPLY
5	O	HEATER GROUND
6	Y	HEATER POWER SUPPLY

Connector No.	M163
Connector Name	NAVI CONTROL UNIT
Connector Type	TH28FW



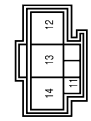
Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	BATTERY POWER SUPPLY
3	B	GROUND
5	L	ACC POWER SUPPLY
7	O	VEHICLE SPEED SIGNAL [8-PULSE]
12	G	MICROPHONE SIGNAL
13	SHIELD	SHIELD
14	W	VOICE GUIDANCE SIGNAL (+)
15	P	BATTERY POWER SUPPLY
17	B	GROUND
19	V	IGNITION SIGNAL
21	BR	REVERSE SIGNAL
26	R	MICROPHONE SIGNAL GROUND
27	SHIELD	SHIELD
28	B	VOICE GUIDANCE SIGNAL (-)

Connector No.	M170
Connector Name	LUGGAGE ROOM POWER SOCKET
Connector Type	MB_A031545202 6



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
3	P	-

Connector No.	M172
Connector Name	OVERHEAD CONTROL PANEL CONTROL UNIT
Connector Type	MB_A002540678 1

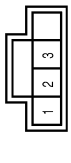


Terminal No.	Color Of Wire	Signal Name [Specification]
11	O	LIN (ROOF)
12	B	GND
13	G	BATTERY POWER SUPPLY
14	O	BATTERY POWER SUPPLY

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BATTERY POWER SUPPLY

Connector No.	M173
Connector Name	UPPER CONTROL PANEL CONTROL UNIT
Connector Type	MB_A0385451228



Terminal No.	Color Of Wire	Signal Name [Specification]
1	GR	PWR SPLY
2	BR	GND
3	O	LIN

Connector No.	M183
Connector Name	BLOWER REGULATOR
Connector Type	MB_A0485456728

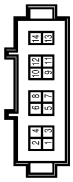
Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
3	R	-
4	V	-

Connector No.	M196
Connector Name	CONDENSER
Connector Type	M01FW-LC



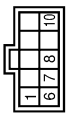
Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-

Connector No.	M205
Connector Name	WIRE TO WIRE
Connector Type	MB_A0465455228



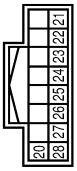
Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	R	-
3	Y	-
6	G	-
8	BR	-
9	O	-
10	BR	-
11	Y	-
12	GR	-
13	O	-
14	Y	-

Connector No.	M208
Connector Name	SUNSHADE MOTOR ASSEMBLY
Connector Type	MOLEX_0988161011



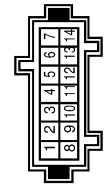
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GROUND
6	O	CLOSE SIGNAL
7	R	BATTERY POWER SUPPLY
8	Y	OPEN SIGNAL
10	O	IGNITION POWER SUPPLY

Connector No.	M210
Connector Name	PRESET SWITCH
Connector Type	TH16FW-NH



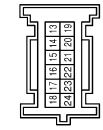
Terminal No.	Color Of Wire	Signal Name [Specification]
20	O	ACC POWER SUPPLY
21	W	DISK EJECT SIGNAL
22	BR	CAMERA SWITCH SIGNAL
23	G	DISK EJECT SIGNAL GROUND
24	W	ILLUMINATION CONTROL SIGNAL
25	B	GROUND
26	G	AV COMMUNICATION SIGNAL (L)
27	L	AV COMMUNICATION SIGNAL (H)
28	W	ILLUMINATION SIGNAL

Connector No.	M213
Connector Name	WIRE TO WIRE
Connector Type	MB_A0365458728



Terminal No.	Color Of Wire	Signal Name [Specification]
2	GR	- [4WD models]
2	L	- [2WD models]
3	B	-
4	V	-
5	R	-
6	L	-
7	W	-
8	P	-
9	R	-
10	G	-
11	O	-
12	BR	-
13	G	-

Connector No.	M218
Connector Name	CAN GATEWAY
Connector Type	MB_A0225400581



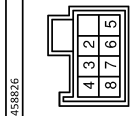
Terminal No.	Color Of Wire	Signal Name [Specification]
13	B	GROUND
14	G	AV COMMUNICATION-L
15	L	AV COMMUNICATION-H
16	G	CHASSIS CAN-L
17	W	CHASSIS CAN-H
18	O	BATTERY POWER SUPPLY
19	P	MULTIFUNCTION MEDIA CAN-L

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BATTERY POWER SUPPLY

20	L	MULTIFUNCTION MEDIA CAN-H
21	BR	BODY CAN 1-L
22	R	BODY CAN 1-H
23	L	DIAGNOSTIC CAN-L
24	V	DIAGNOSTIC CAN-H

Connector No.	M219
Connector Name	ROTARY LIGHT SWITCH
Connector Type	MB_A0255458826



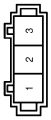
Terminal No.	Color Of Wire	Signal Name [Specification]
2	GR	-
3	Y	-
4	B	-
5	G	-
6	R	-
7	O	-
8	W	-

Connector No.	M222
Connector Name	EXTERNAL DATA INPUT BOX (USB)
Connector Type	TH04FW-NH



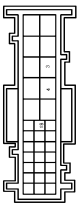
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	GROUND
3	V	ACC POWER SUPPLY
4	R	BATTERY POWER SUPPLY

Connector No.	M223
Connector Name	REAR WIPER MOTOR
Connector Type	MB_A0385454828



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	B	-
3	BR	-

Connector No.	M225
Connector Name	WIRE TO WIRE
Connector Type	MB_A0085402081



Terminal No.	Color Of Wire	Signal Name [Specification]
3	R	-
4	BR	-
18	R	-

Connector No.	M227
Connector Name	WIRE TO WIRE
Connector Type	MB_A0365458728



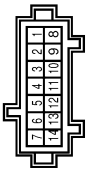
Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	V	-
3	R	-
4	BR	-
5	BR	-
6	L	-
7	G	-
8	O	-
10	W	-
11	P	-
12	B	-
13	R	-
14	V	-

Connector No.	M232
Connector Name	CONSOLE POWER SOCKET
Connector Type	MB_A0375450228



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
3	B	-

Connector No.	M235
Connector Name	WIRE TO WIRE
Connector Type	MB_A2205459928



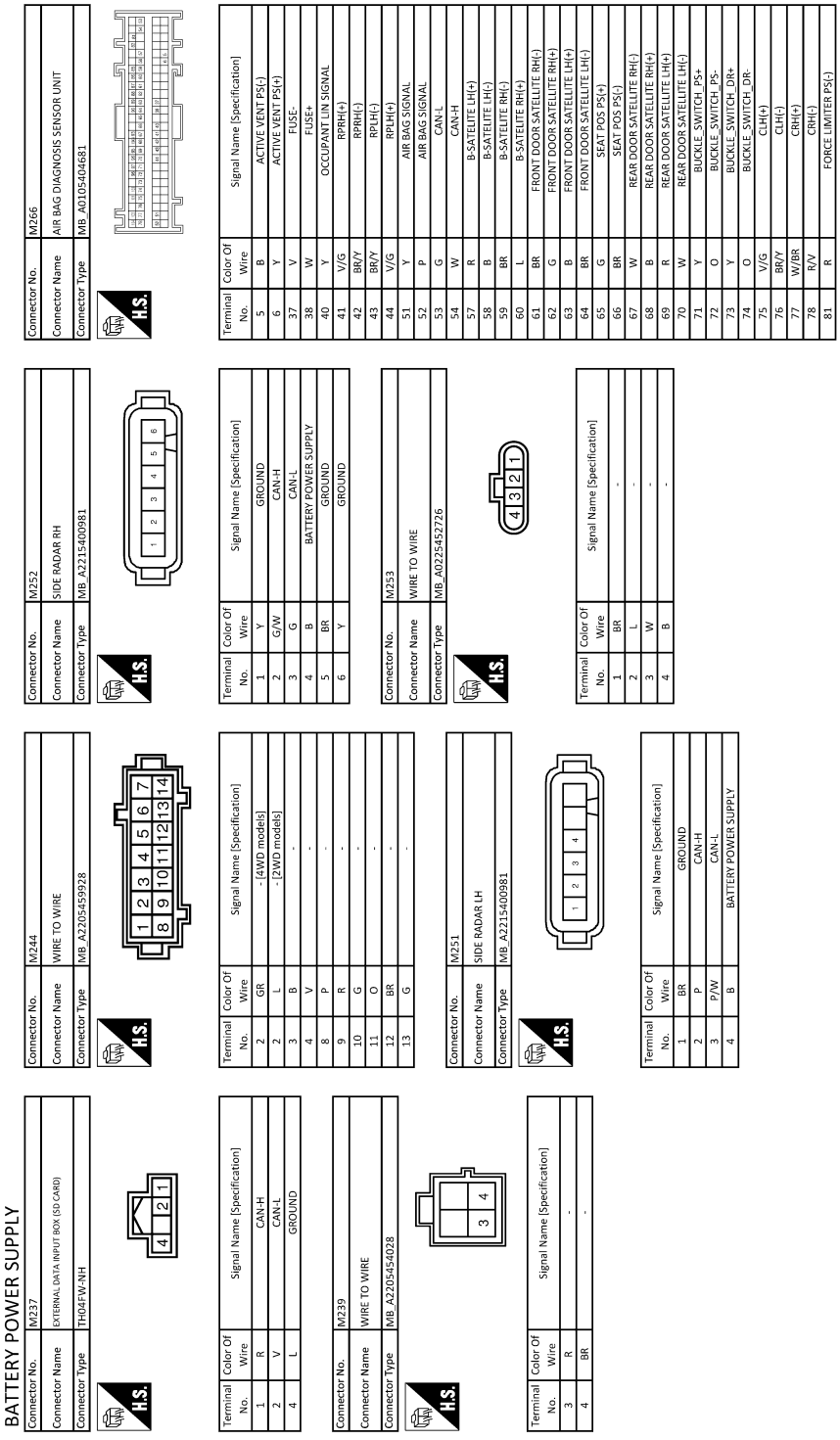
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
3	B	-
4	Y	-
5	W	-
6	B	-
7	G	-
8	R	-
9	V	-
10	L	-
11	BR	-
14	BR	-

Connector No.	M236
Connector Name	REAR POWER SOCKET
Connector Type	MB_A0375450228



Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
3	B	-

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BATTERY POWER SUPPLY

82	B	FORCE LIMITER PS(+)
85	P	CZS RH(-)
86	W	CZS RH(+)
87	BR	CZS LH(-)
88	L	CZS LH(+)
89	O	SAB AS(-)
90	Y	SAB AS(+)
93	Y	SAB DR(+)
94	O	SAB DR(-)
95	BR	FPRH(-)
96	L/W	FPRH(+)
97	G	FPLH(+)
98	V	FPLH(-)
100	BR	GND
101	BR	GND
103	Y	KI.15R
104	G	KI.30

Connector No.	M272
Connector Name	ACCY_PRE_WIRE_RH
Connector Type	TH12MW-NH

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	IGN
2	R	BATTERY POWER SUPPLY
3	V	TAIL_LAMP
4	Y	ROOM_LAMP
5	P	BAT_SAVER
6	G	FR_DOOR_SW_RH
7	O	FR_DOOR_SW_LH
8	GR	THRU_SIGNAL_1
9	L	RR_DOOR_RH
10	W	RR_DOOR_LH
11	O	ACC
12	B	GND

Connector No.	M273
Connector Name	ACCY_PRE_WIRE_LH
Connector Type	TH12MW-NH

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	IGN
2	R	BATTERY POWER SUPPLY
3	V	TAIL_LAMP
4	Y	ROOM_LAMP
5	P	BAT_SAVER
6	O	FR_DOOR_SW_RH
7	G	FR_DOOR_SW_LH
8	GR	THRU_SIGNAL_1
9	L	RR_DOOR_RH
10	W	RR_DOOR_LH
11	O	ACC
12	B	GND

Connector No.	M281
Connector Name	DAMPER
Connector Type	MB_A0295455528

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-
3	B	-

Connector No.	M284
Connector Name	WIRE TO WIRE
Connector Type	MB_A2215450228

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-
2	BR	-

Connector No.	M301
Connector Name	SUB BATTERY
Connector Type	MB_A2049821402

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	-

Connector No.	M302
Connector Name	SUB BATTERY
Connector Type	MB_A2049821502

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
2	BR	-

Connector No.	M303
Connector Name	SUB BATTERY RELAY
Connector Type	MB_A0035466440

H.S.

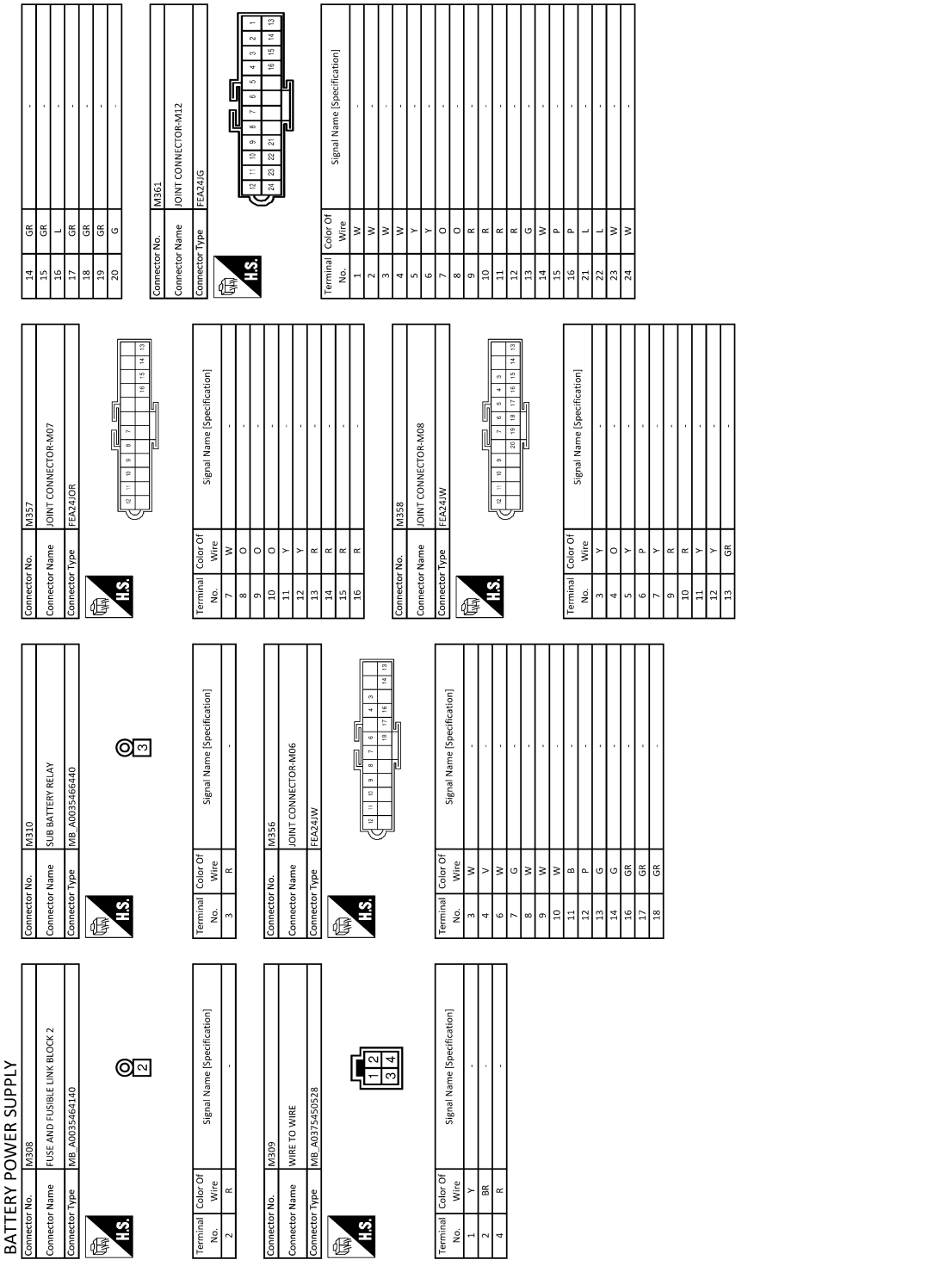
Terminal No.	Color Of Wire	Signal Name [Specification]
4	R	-

Connector No.	M304
Connector Name	SUB BATTERY RELAY
Connector Type	MB_A0225451926

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	Y	-

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BATTERY POWER SUPPLY

Connector No.	M365
Connector Name	FUEL PUMP CONTROL MODULE
Connector Type	M365

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
13	O/LG	BATTERY POWER SUPPLY
14	BR	FPCM GROUND
15	BR	FUEL PUMP MOTOR GROUND
16	B/W	FUEL PUMP MOTOR U
17	V	FUEL PUMP MOTOR W
18	W	FUEL PUMP MOTOR V

Connector No.	M614
Connector Name	WIRE TO WIRE
Connector Type	MB_A0085402081

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
3	-	-
4	-	-
18	-	-
29	-	-
30	-	-

Connector No.	M615
Connector Name	DRIVER SEAT CONTROL UNIT
Connector Type	A2465400509

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
3	R	BATTERY POWER SUPPLY
4	BR	GROUND
18	R	BATTERY POWER SUPPLY
29	R	CAN-H
30	BR	CAN-L

Connector No.	M617
Connector Name	WIRE TO WIRE
Connector Type	MB_A0085402081

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
3	-	-
4	-	-
13	-	-
18	-	-
29	-	-
30	-	-
31	-	-

Connector No.	M618
Connector Name	PASSENGER SEAT CONTROL UNIT
Connector Type	A0085402281

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
3	R	BATTERY POWER SUPPLY
4	BR	GROUND
13	BR	GROUND
18	R	BATTERY POWER SUPPLY
29	R	CAN-H
30	BR	CAN-L
31	-	-

Connector No.	M660
Connector Name	LUMBAR SUPPORT CONTROL UNIT
Connector Type	A038554457128

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	LUMBAR SUPPORT CONTROL UNIT POWER
2	B	GND
3	Y	LUMBAR SUPPORT PUMP CONT
4	BR	LUMBAR SUPPORT SW SIG (UP/DOWN)
5	W	LUMBAR SUPPORT SW GND
6	L	LUMBAR SUPPORT SW SIG (FRONT/BACK)

Connector No.	M706
Connector Name	WIRE TO WIRE
Connector Type	A0285459728

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
3	-	-
4	-	-

Connector No.	M456
Connector Name	FUEL PUMP CONTROL MODULE
Connector Type	HIRSCHMANN_772-717-501

H.S.

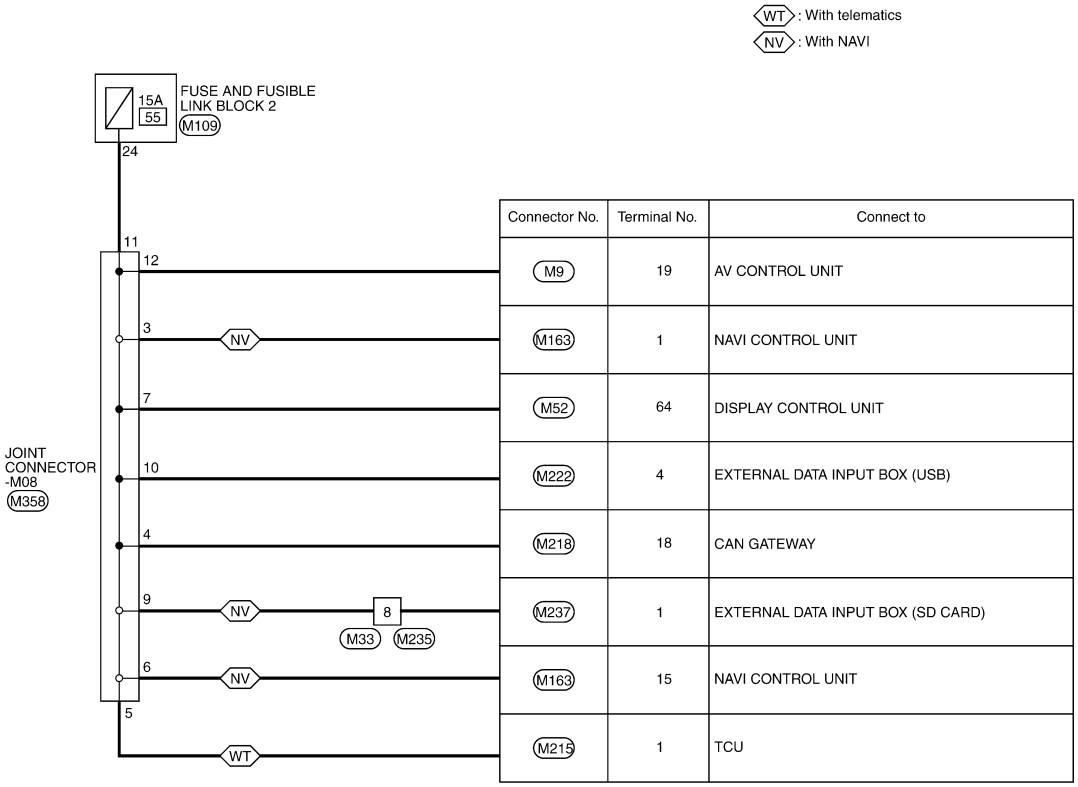
Terminal No.	Color Of Wire	Signal Name [Specification]
9	BR	GROUND
10	O/LG	POWER SUPPLY (BATTERY)
11	BR/O	FUEL PUMP GROUND
12	O/L	FUEL PUMP CONTROL SIGNAL

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Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 55 -

INFOID:0000000013767870

BATTERY POWER SUPPLY FUSE No. 55



Connector No.	Terminal No.	Connect to
M9	19	AV CONTROL UNIT
M163	1	NAVI CONTROL UNIT
M52	64	DISPLAY CONTROL UNIT
M222	4	EXTERNAL DATA INPUT BOX (USB)
M218	18	CAN GATEWAY
M237	1	EXTERNAL DATA INPUT BOX (SD CARD)
M163	15	NAVI CONTROL UNIT
M215	1	TCU

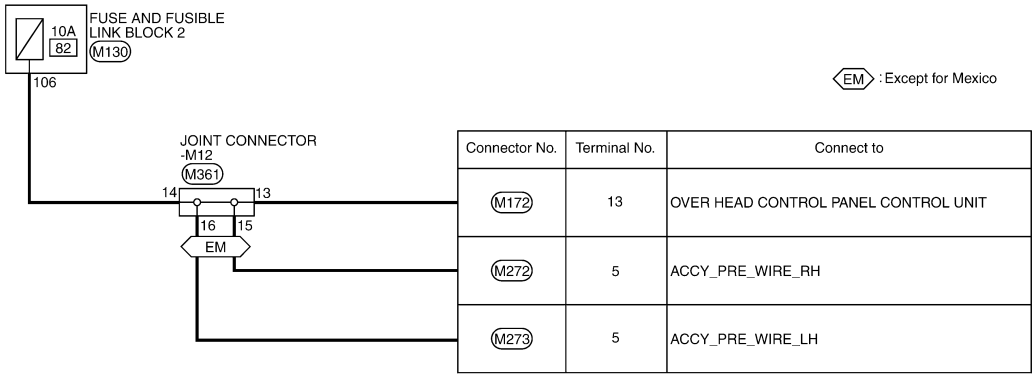
2016/02/08

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Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 82 -

INFOID:0000000013767874

BATTERY POWER SUPPLY FUSE No. 82



Connector No.	Terminal No.	Connect to
M172	13	OVER HEAD CONTROL PANEL CONTROL UNIT
M272	5	ACCY_PRE_WIRE_RH
M273	5	ACCY_PRE_WIRE_LH

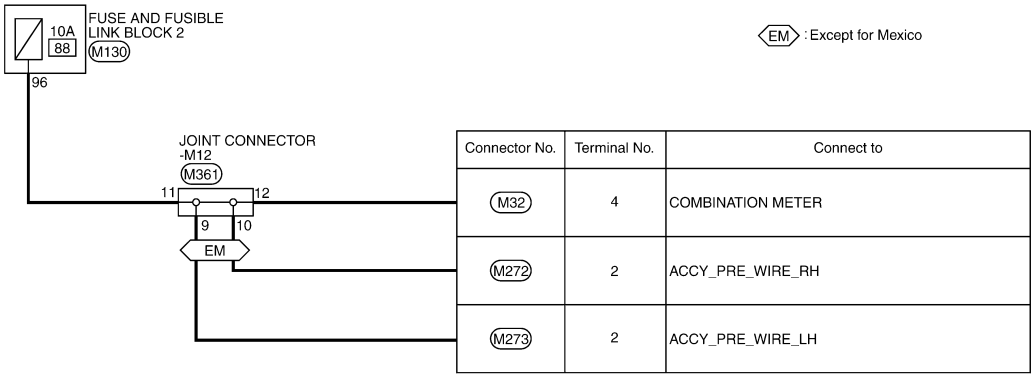
2016/02/08

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Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 88 -

INFOID:0000000013767875

BATTERY POWER SUPPLY FUSE No. 88



Connector No.	Terminal No.	Connect to
M32	4	COMBINATION METER
M272	2	ACCY_PRE_WIRE_RH
M273	2	ACCY_PRE_WIRE_LH

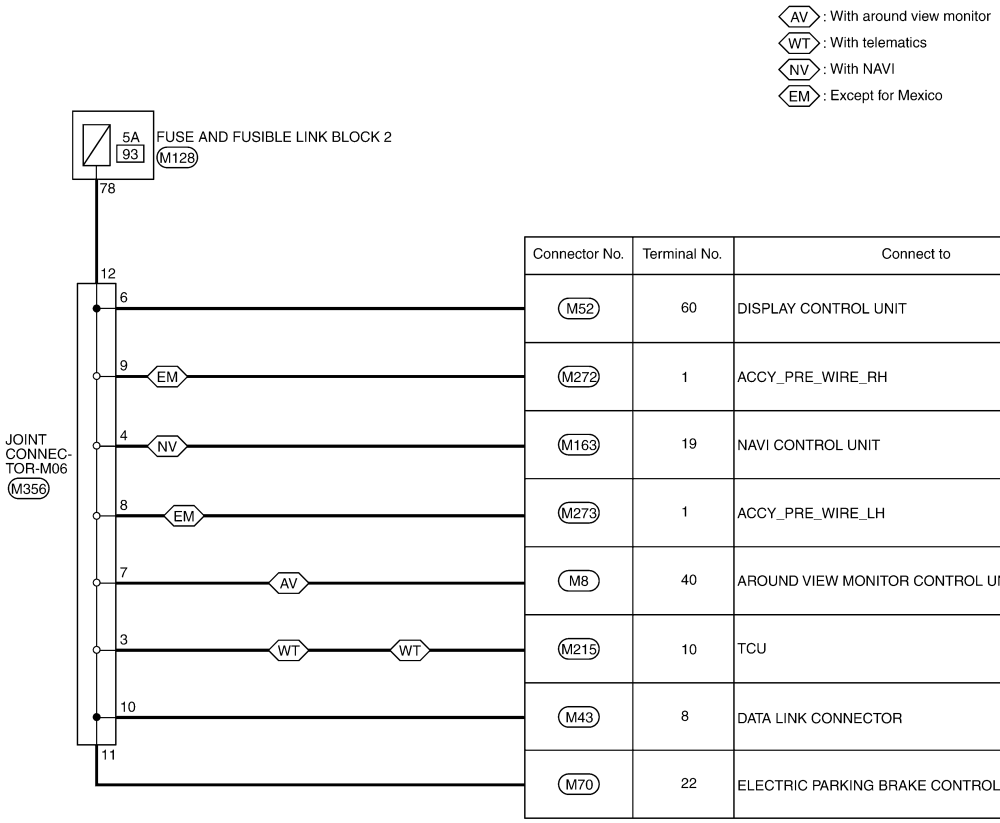
2016/02/08

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Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 93 -

INFOID:0000000013767871

BATTERY POWER SUPPLY FUSE No. 93



Connector No.	Terminal No.	Connect to
M52	60	DISPLAY CONTROL UNIT
M272	1	ACCY_PRE_WIRE_RH
M163	19	NAVI CONTROL UNIT
M273	1	ACCY_PRE_WIRE_LH
M8	40	AROUND VIEW MONITOR CONTROL UNIT
M215	10	TCU
M43	8	DATA LINK CONNECTOR
M70	22	ELECTRIC PARKING BRAKE CONTROL MODULE

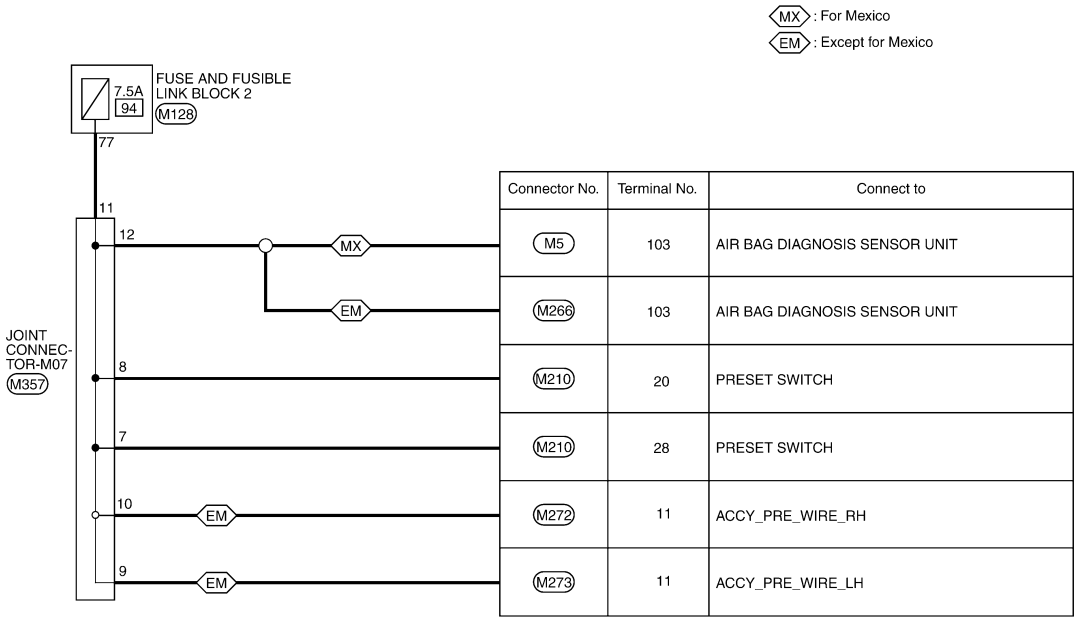
2016/02/08

JRMWJ5332GB

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 94 -

INFOID:0000000013767872

BATTERY POWER SUPPLY FUSE No. 94



Connector No.	Terminal No.	Connect to
M5	103	AIR BAG DIAGNOSIS SENSOR UNIT
M266	103	AIR BAG DIAGNOSIS SENSOR UNIT
M210	20	PRESET SWITCH
M210	28	PRESET SWITCH
M272	11	ACCY_PRE_WIRE_RH
M273	11	ACCY_PRE_WIRE_LH

2016/02/08

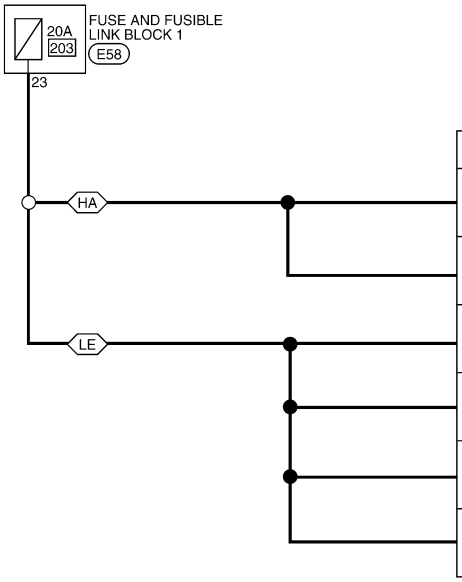
JRMWJ5333GB

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 203 -

INFOID:0000000013767873

BATTERY POWER SUPPLY FUSE No. 203

HA : Halogen head lamp models
LE : LED head lamp models



Connector No.	Terminal No.	Connect to
E80	11	FRONT COMBINATION LAMP LH
E82	11	FRONT COMBINATION LAMP RH
E115	4	FRONT COMBINATION LAMP LH
E115	12	FRONT COMBINATION LAMP LH
E116	4	FRONT COMBINATION LAMP RH
E116	12	FRONT COMBINATION LAMP RH

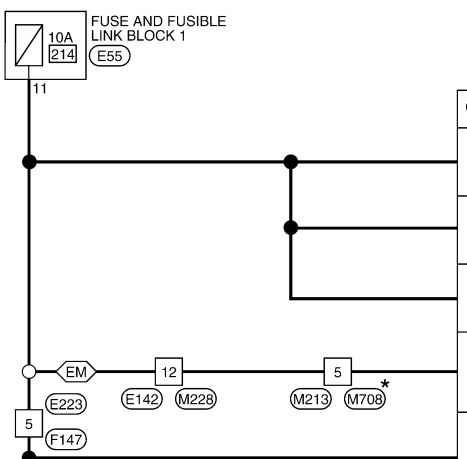
2015/10/16

JRMWI9683GB

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 214 -

INFOID:0000000013767876

BATTERY POWER SUPPLY FUSE No. 214



EM : Except for Mexico

Connector No.	Terminal No.	Connect to
E48	97	ECM
E48	99	ECM
E48	101	ECM
M710 *	2	EVAP CANISTER VENT CONTROL VALVE
F153	1	IGNITION COIL (No.1)
F154	1	IGNITION COIL (No.2)
F155	1	IGNITION COIL (No.3)
F156	1	IGNITION COIL (No.4)
F161	1	COOLANT PUMP SWITCHOVER VALVE
F151	2	COOLANT THERMOSTAT HEATER ELEMENT
F157	1	FULL-LOAD OPERATION VENTLINE HEATER ELEMENT
F143	4	AIR FUEL RATIO (A/F) SENSOR
F144	1	HEATED OXYGEN SENSOR
F168	1	BOOST PRESSURE CONTROL VACUUM TRANSDUCER
F159	2	DIVERT AIR SWITCHOVER VALVE
F160	2	ENGINE OIL PUMP VALVE
F145	2	PARTIAL LOAD OPERATION CRANKCASE VENTILATION VALVE
F172	6	INTAKE CAMSHAFT VALVE LIFT SWITCHOVER

* : This connector is not shown in "Harness Layout".

2016/02/08

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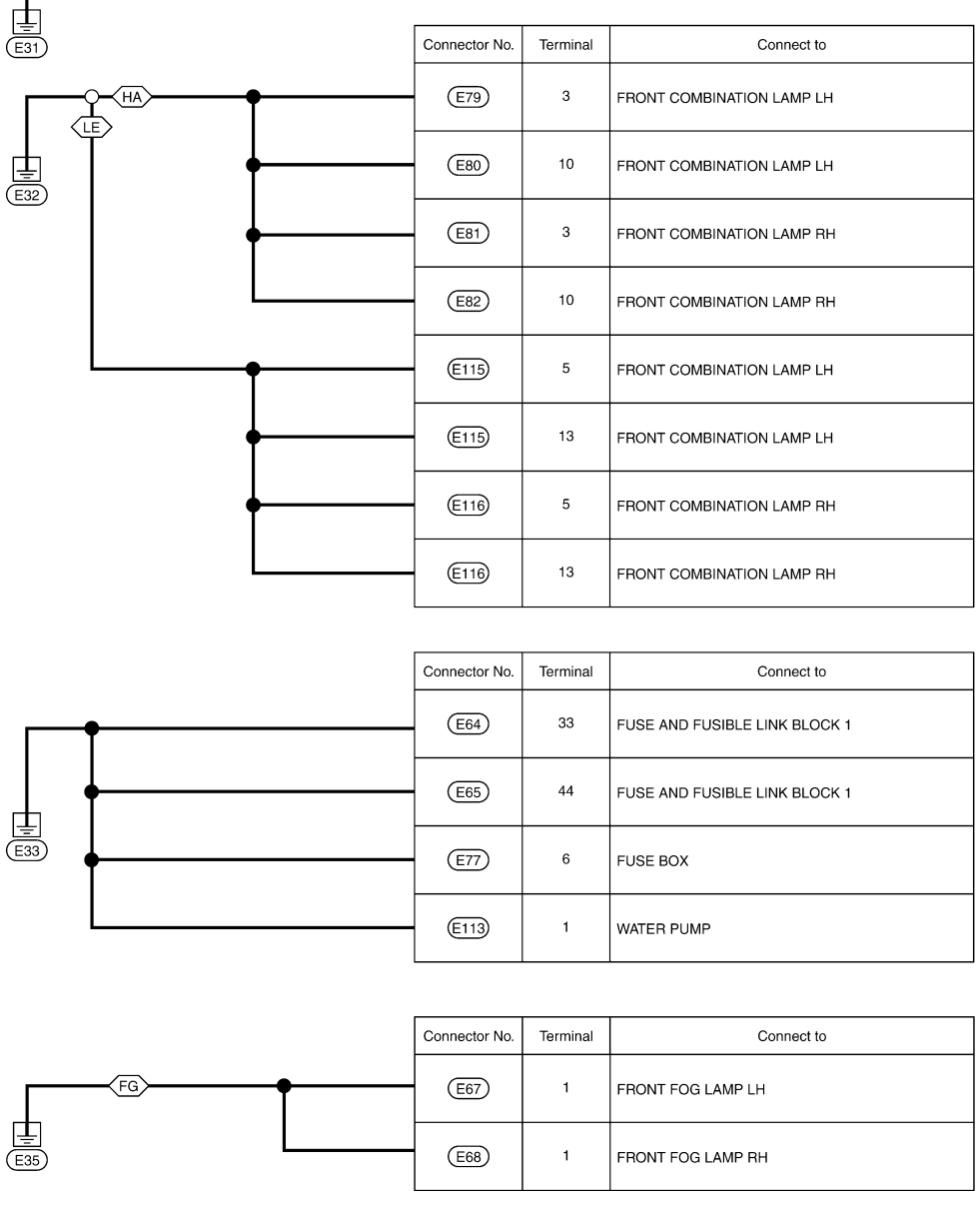
GROUND DISTRIBUTION

Engine Room Harness

INFOID:0000000013767878

ENGINE ROOM HARNESS

LE : LED headlamp models
HA : Halogen headlamp models
FG : With front fog lamp
IC : With ICC
WH : With heated windshield washer system



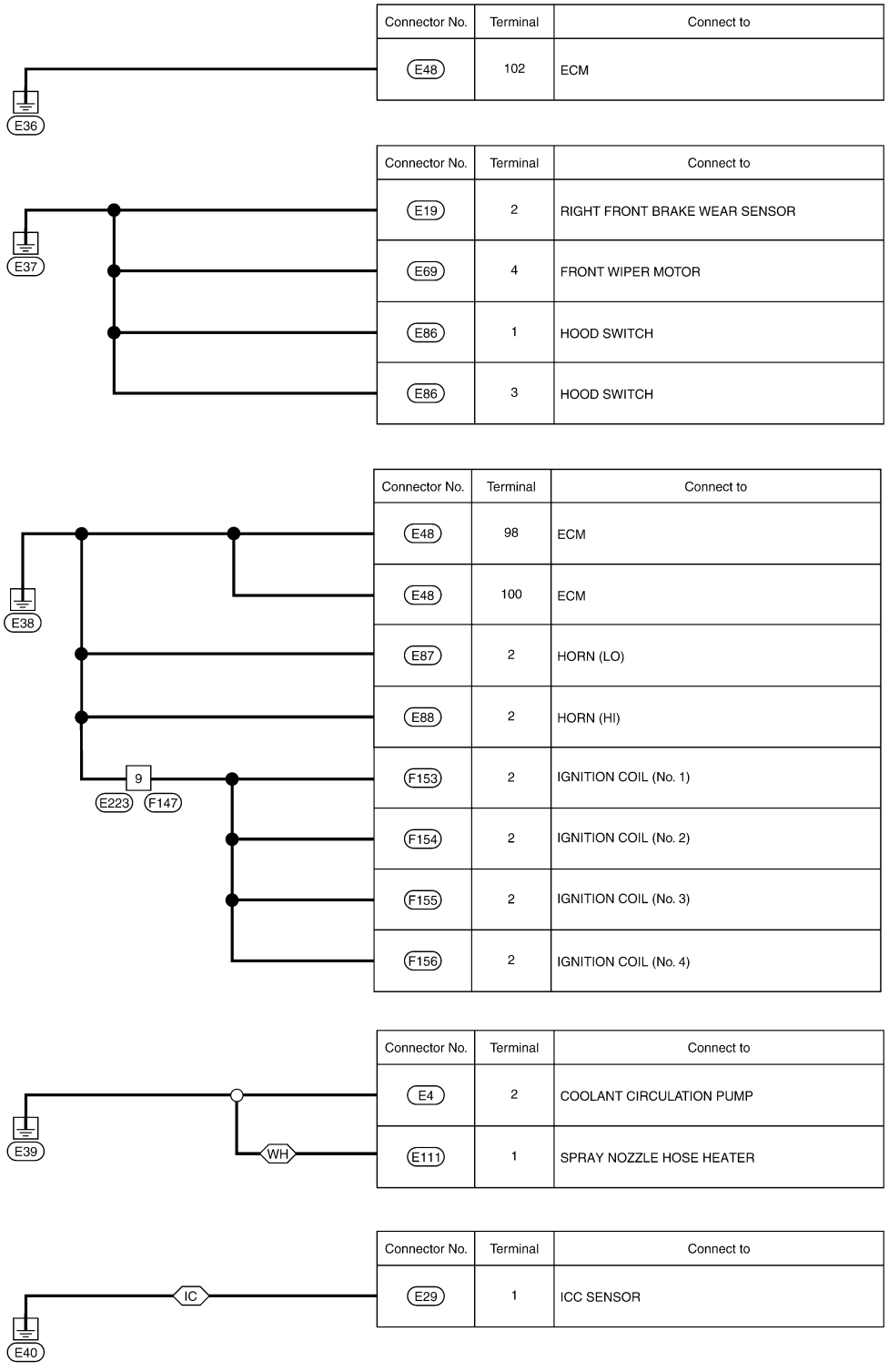
Connector No.	Terminal	Connect to
E22	4	COOLING FAN MOTOR

Connector No.	Terminal	Connect to
E79	3	FRONT COMBINATION LAMP LH
E80	10	FRONT COMBINATION LAMP LH
E81	3	FRONT COMBINATION LAMP RH
E82	10	FRONT COMBINATION LAMP RH
E115	5	FRONT COMBINATION LAMP LH
E115	13	FRONT COMBINATION LAMP LH
E116	5	FRONT COMBINATION LAMP RH
E116	13	FRONT COMBINATION LAMP RH

Connector No.	Terminal	Connect to
E64	33	FUSE AND FUSIBLE LINK BLOCK 1
E65	44	FUSE AND FUSIBLE LINK BLOCK 1
E77	6	FUSE BOX
E113	1	WATER PUMP

Connector No.	Terminal	Connect to
E67	1	FRONT FOG LAMP LH
E68	1	FRONT FOG LAMP RH

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Connector No.	Terminal	Connect to
E48	102	ECM

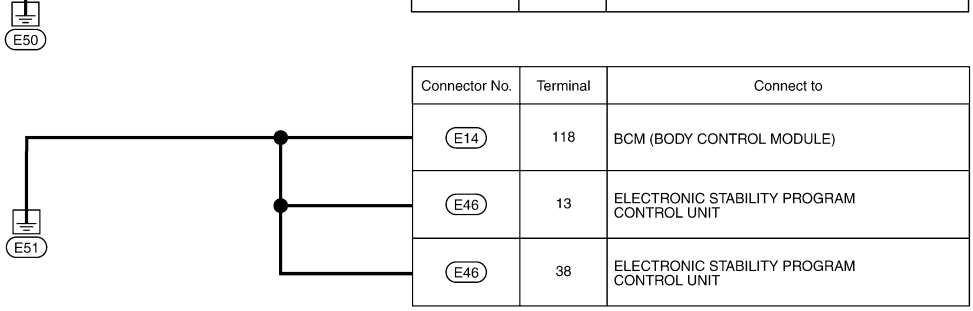
Connector No.	Terminal	Connect to
E19	2	RIGHT FRONT BRAKE WEAR SENSOR
E69	4	FRONT WIPER MOTOR
E86	1	HOOD SWITCH
E86	3	HOOD SWITCH

Connector No.	Terminal	Connect to
E48	98	ECM
E48	100	ECM
E87	2	HORN (LO)
E88	2	HORN (HI)
F153	2	IGNITION COIL (No. 1)
F154	2	IGNITION COIL (No. 2)
F155	2	IGNITION COIL (No. 3)
F156	2	IGNITION COIL (No. 4)

Connector No.	Terminal	Connect to
E4	2	COOLANT CIRCULATION PUMP
E111	1	SPRAY NOZZLE HOSE HEATER

Connector No.	Terminal	Connect to
E29	1	ICC SENSOR

JRMWJ5346GB



Connector No.	Terminal	Connect to
E45	4	EPS CONTROL UNIT

Connector No.	Terminal	Connect to
E14	118	BCM (BODY CONTROL MODULE)
E46	13	ELECTRONIC STABILITY PROGRAM CONTROL UNIT
E46	38	ELECTRONIC STABILITY PROGRAM CONTROL UNIT

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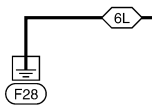
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Engine Control Harness

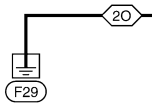
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ENGINE CONTROL HARNESS

6L : 1.6L turbo gasoline engine
2O : 2.0L turbo gasoline engine



Connector No.	Terminal	Connect to
F152	1	ENGINE OIL LEVEL SWITCH
F153	4	IGNITION COIL (No. 1)
F154	4	IGNITION COIL (No. 2)
F155	4	IGNITION COIL (No. 3)
F156	4	IGNITION COIL (No. 4)



Connector No.	Terminal	Connect to
F152	1	ENGINE OIL LEVEL SWITCH
F153	4	IGNITION COIL (No. 1)
F154	4	IGNITION COIL (No. 2)
F155	4	IGNITION COIL (No. 3)
F156	4	IGNITION COIL (No. 4)

2016/02/08

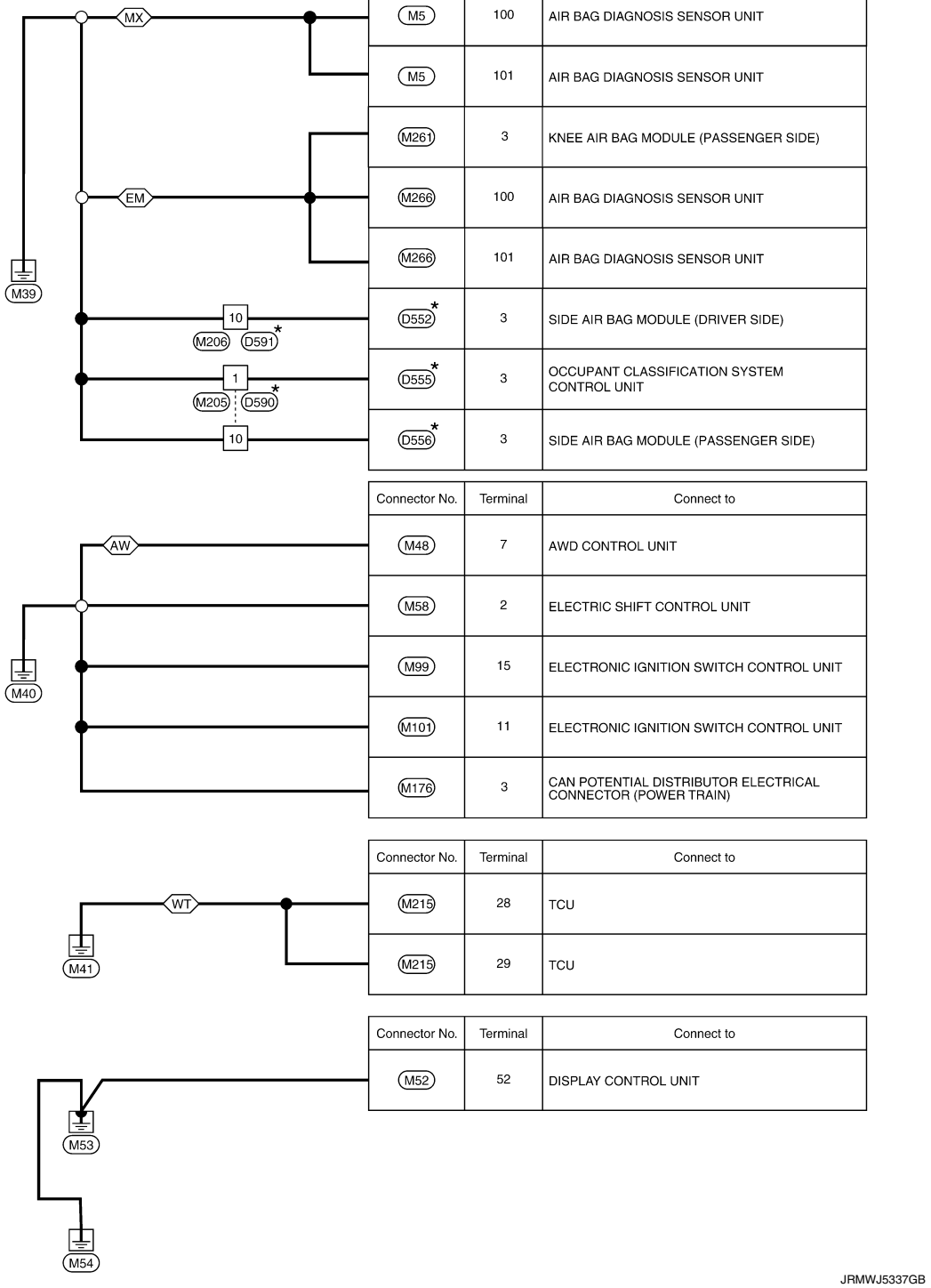
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Main Harness

INFOID:0000000013767879

MAIN HARNESS

2W : 2WD models
AW : AWD models
WT : With telematics
MX : For Mexico
EM : Except for Mexico



Connector No.	Terminal	Connect to
M5	100	AIR BAG DIAGNOSIS SENSOR UNIT
M5	101	AIR BAG DIAGNOSIS SENSOR UNIT
M261	3	KNEE AIR BAG MODULE (PASSENGER SIDE)
M266	100	AIR BAG DIAGNOSIS SENSOR UNIT
M266	101	AIR BAG DIAGNOSIS SENSOR UNIT
D552*	3	SIDE AIR BAG MODULE (DRIVER SIDE)
D555*	3	OCCUPANT CLASSIFICATION SYSTEM CONTROL UNIT
D556*	3	SIDE AIR BAG MODULE (PASSENGER SIDE)

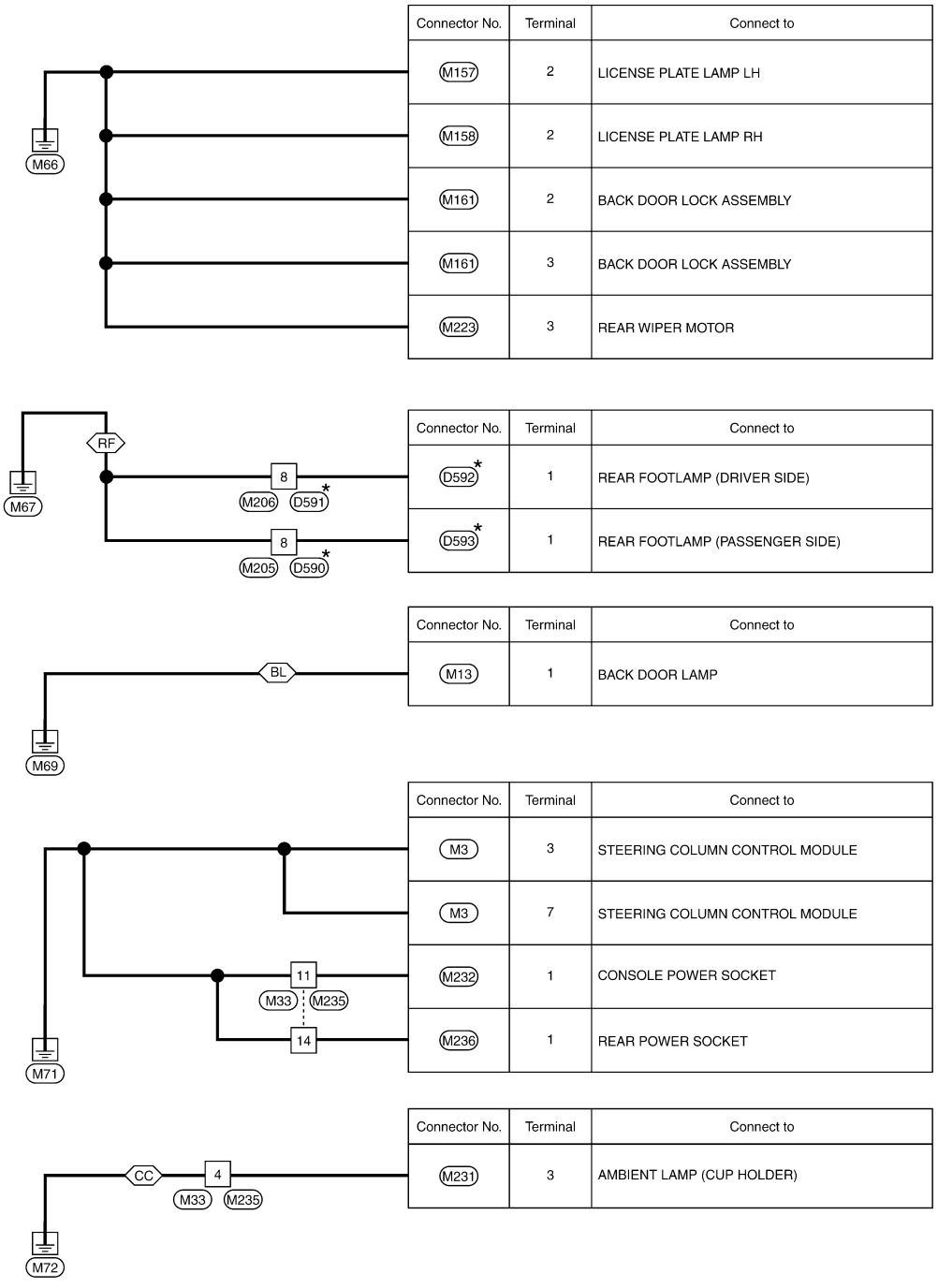
Connector No.	Terminal	Connect to
M48	7	AWD CONTROL UNIT
M58	2	ELECTRIC SHIFT CONTROL UNIT
M99	15	ELECTRONIC IGNITION SWITCH CONTROL UNIT
M101	11	ELECTRONIC IGNITION SWITCH CONTROL UNIT
M176	3	CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (POWER TRAIN)

Connector No.	Terminal	Connect to
M215	28	TCU
M215	29	TCU

Connector No.	Terminal	Connect to
M52	52	DISPLAY CONTROL UNIT

JRMWJ5337GB

RF : With rear foot lamp models
DH : With door handle lamp
CC : With ambient lamp (cup holder)
BL : With back door lamp



Connector No.	Terminal	Connect to
M157	2	LICENSE PLATE LAMP LH
M158	2	LICENSE PLATE LAMP RH
M161	2	BACK DOOR LOCK ASSEMBLY
M161	3	BACK DOOR LOCK ASSEMBLY
M223	3	REAR WIPER MOTOR

Connector No.	Terminal	Connect to
D592*	1	REAR FOOTLAMP (DRIVER SIDE)
D593*	1	REAR FOOTLAMP (PASSENGER SIDE)

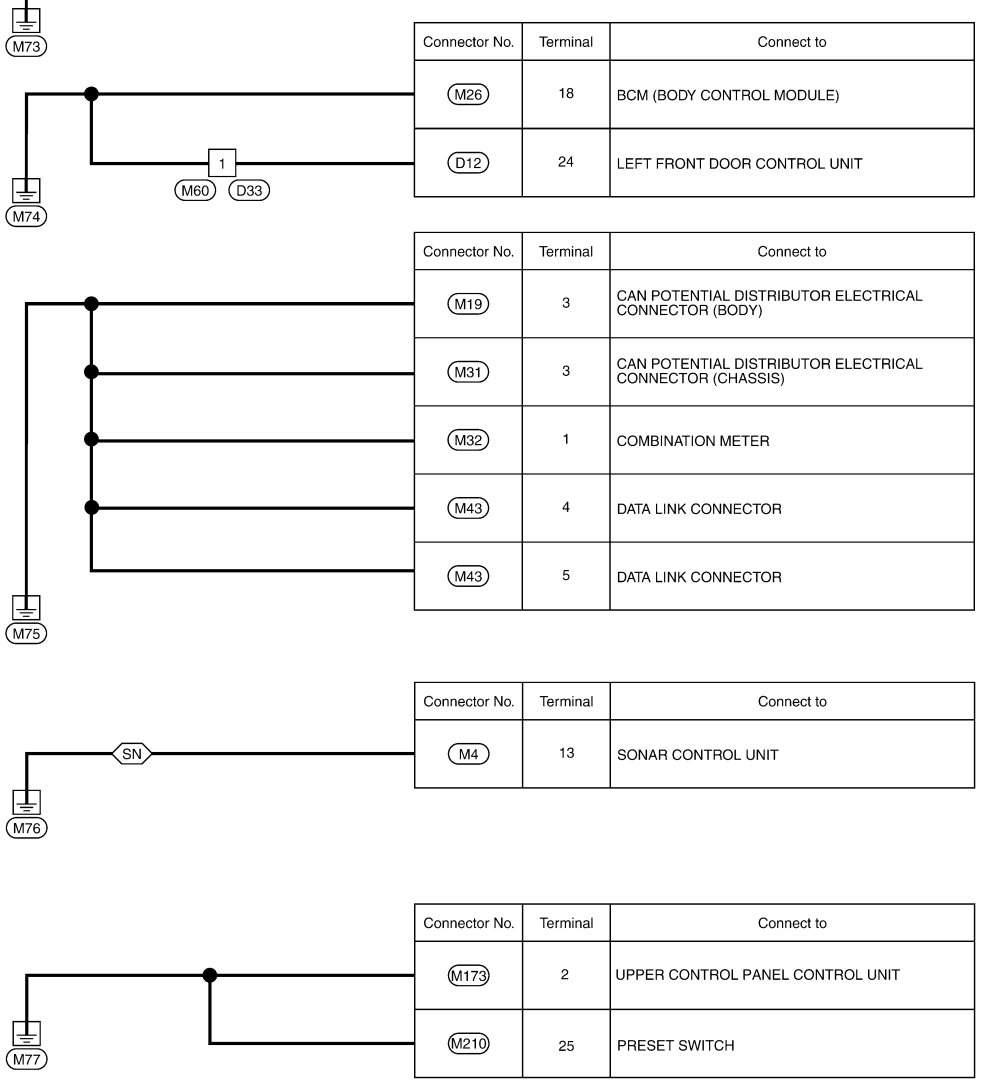
Connector No.	Terminal	Connect to
M13	1	BACK DOOR LAMP

Connector No.	Terminal	Connect to
M3	3	STEERING COLUMN CONTROL MODULE
M3	7	STEERING COLUMN CONTROL MODULE
M232	1	CONSOLE POWER SOCKET
M236	1	REAR POWER SOCKET

Connector No.	Terminal	Connect to
M231	3	AMBIENT LAMP (CUP HOLDER)

JRMWJ5338GB

SN : With sonar system
CP : With ambient lamp (instrument panel)



Connector No.	Terminal	Connect to
M9	20	AV CONTROL UNIT
M52	52	DISPLAY CONTROL UNIT

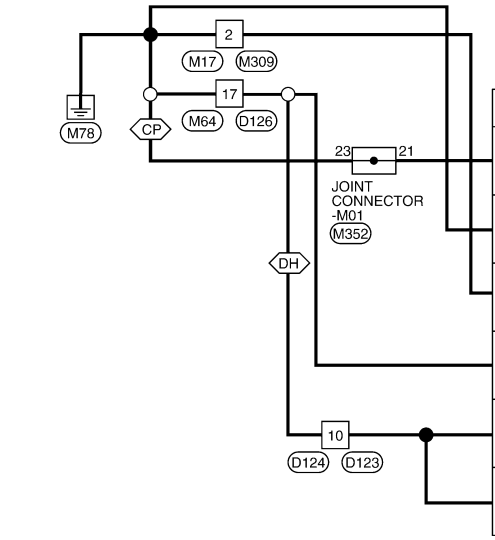
Connector No.	Terminal	Connect to
M26	18	BCM (BODY CONTROL MODULE)
D12	24	LEFT FRONT DOOR CONTROL UNIT

Connector No.	Terminal	Connect to
M19	3	CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (BODY)
M31	3	CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (CHASSIS)
M32	1	COMBINATION METER
M43	4	DATA LINK CONNECTOR
M43	5	DATA LINK CONNECTOR

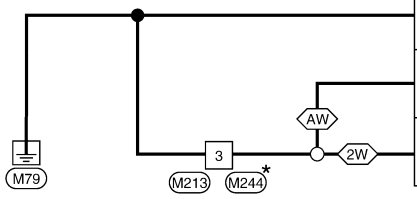
Connector No.	Terminal	Connect to
M4	13	SONAR CONTROL UNIT

Connector No.	Terminal	Connect to
M173	2	UPPER CONTROL PANEL CONTROL UNIT
M210	25	PRESET SWITCH

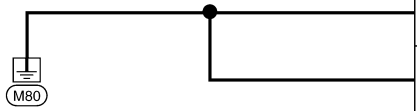
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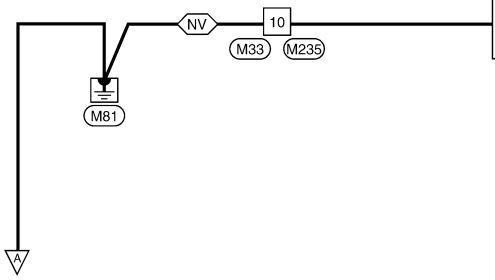
Connector No.	Terminal	Connect to
M140	3	AMBIENT LAMP (INSTRUMENT PANEL)
M142	3	CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (FRONT END)
M304	1	SUB BATTERY RELAY
D121	4	REAR DOOR LOCK ASSEMBLY RH
D130	1	AMBIENT LAMP (REAR DOOR GRIP RH)
D131	1	AMBIENT LAMP (REAR INSIDE HANDLE RH)



Connector No.	Terminal	Connect to
M128	73	FUSE AND FUSIBLE LINK BLOCK 2
M365*	14	FUEL PUMP CONTROL MODULE
M456*	9	FUEL PUMP CONTROL MODULE

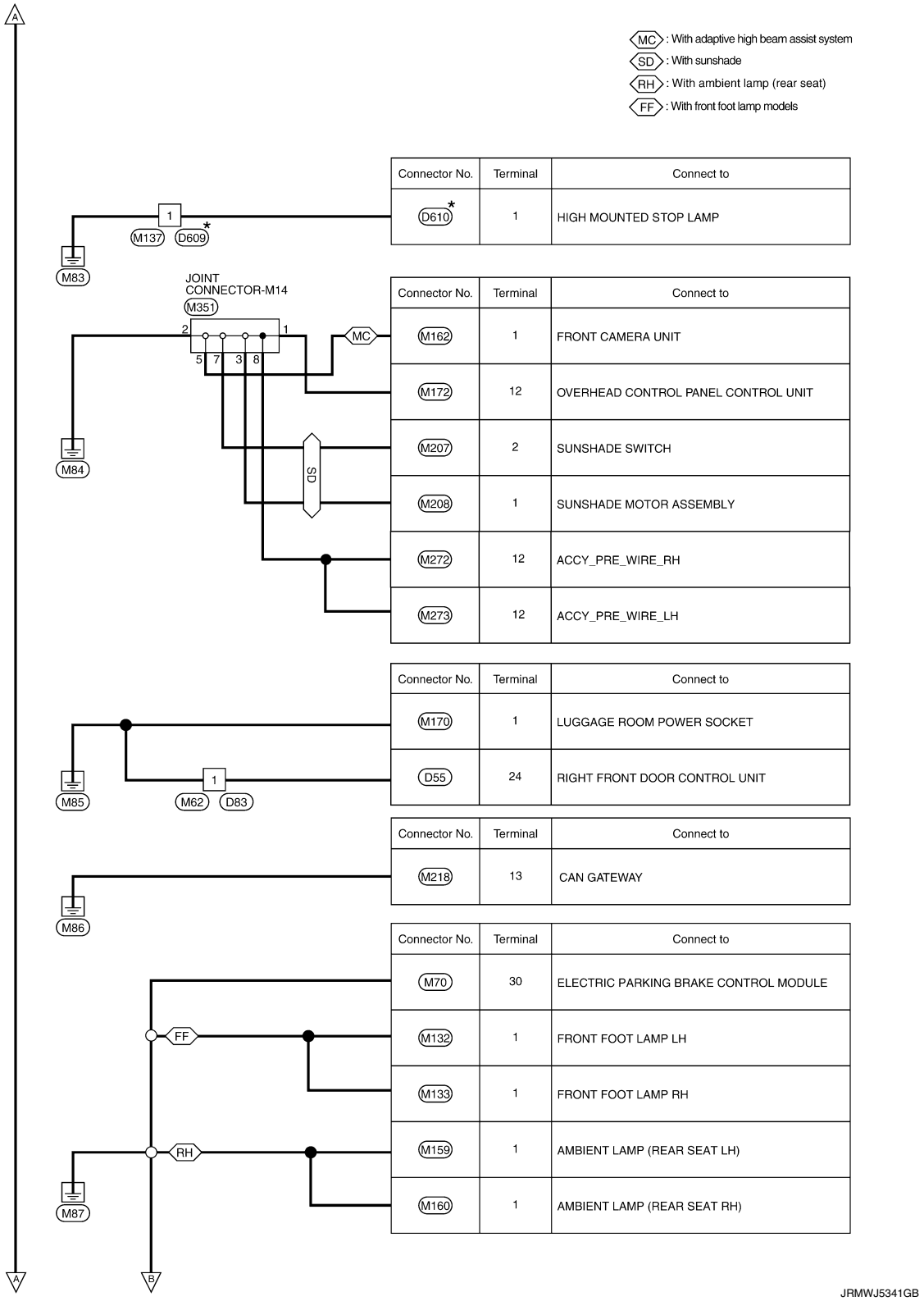


Connector No.	Terminal	Connect to
M36	15	A/C AUTO AMP.
M183	1	BLOWER REGULATOR



Connector No.	Terminal	Connect to
M237	4	EXTERNAL DATA INPUT BOX (SD CARD)

JRMWJ5340GB



Connector No.	Terminal	Connect to
D610 *	1	HIGH MOUNTED STOP LAMP

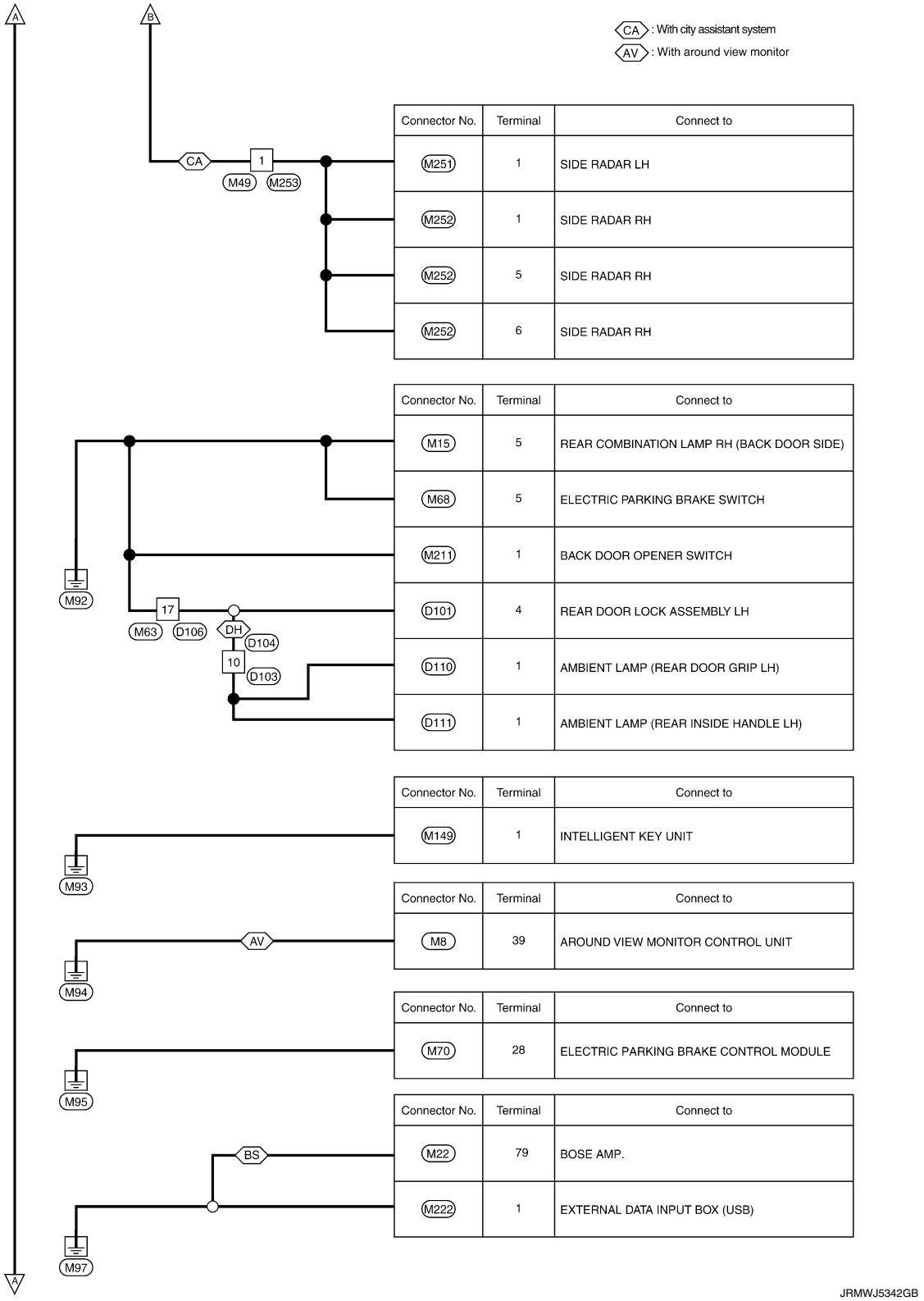
Connector No.	Terminal	Connect to
M162	1	FRONT CAMERA UNIT
M172	12	OVERHEAD CONTROL PANEL CONTROL UNIT
M207	2	SUNSHADE SWITCH
M208	1	SUNSHADE MOTOR ASSEMBLY
M272	12	ACCY_PRE_WIRE_RH
M273	12	ACCY_PRE_WIRE_LH

Connector No.	Terminal	Connect to
M170	1	LUGGAGE ROOM POWER SOCKET
D55	24	RIGHT FRONT DOOR CONTROL UNIT

Connector No.	Terminal	Connect to
M218	13	CAN GATEWAY

Connector No.	Terminal	Connect to
M70	30	ELECTRIC PARKING BRAKE CONTROL MODULE
M132	1	FRONT FOOT LAMP LH
M133	1	FRONT FOOT LAMP RH
M159	1	AMBIENT LAMP (REAR SEAT LH)
M160	1	AMBIENT LAMP (REAR SEAT RH)

JRMWJ5341GB



Connector No.	Terminal	Connect to
M251	1	SIDE RADAR LH
M252	1	SIDE RADAR RH
M252	5	SIDE RADAR RH
M252	6	SIDE RADAR RH

Connector No.	Terminal	Connect to
M15	5	REAR COMBINATION LAMP RH (BACK DOOR SIDE)
M68	5	ELECTRIC PARKING BRAKE SWITCH
M211	1	BACK DOOR OPENER SWITCH
D101	4	REAR DOOR LOCK ASSEMBLY LH
D110	1	AMBIENT LAMP (REAR DOOR GRIP LH)
D111	1	AMBIENT LAMP (REAR INSIDE HANDLE LH)

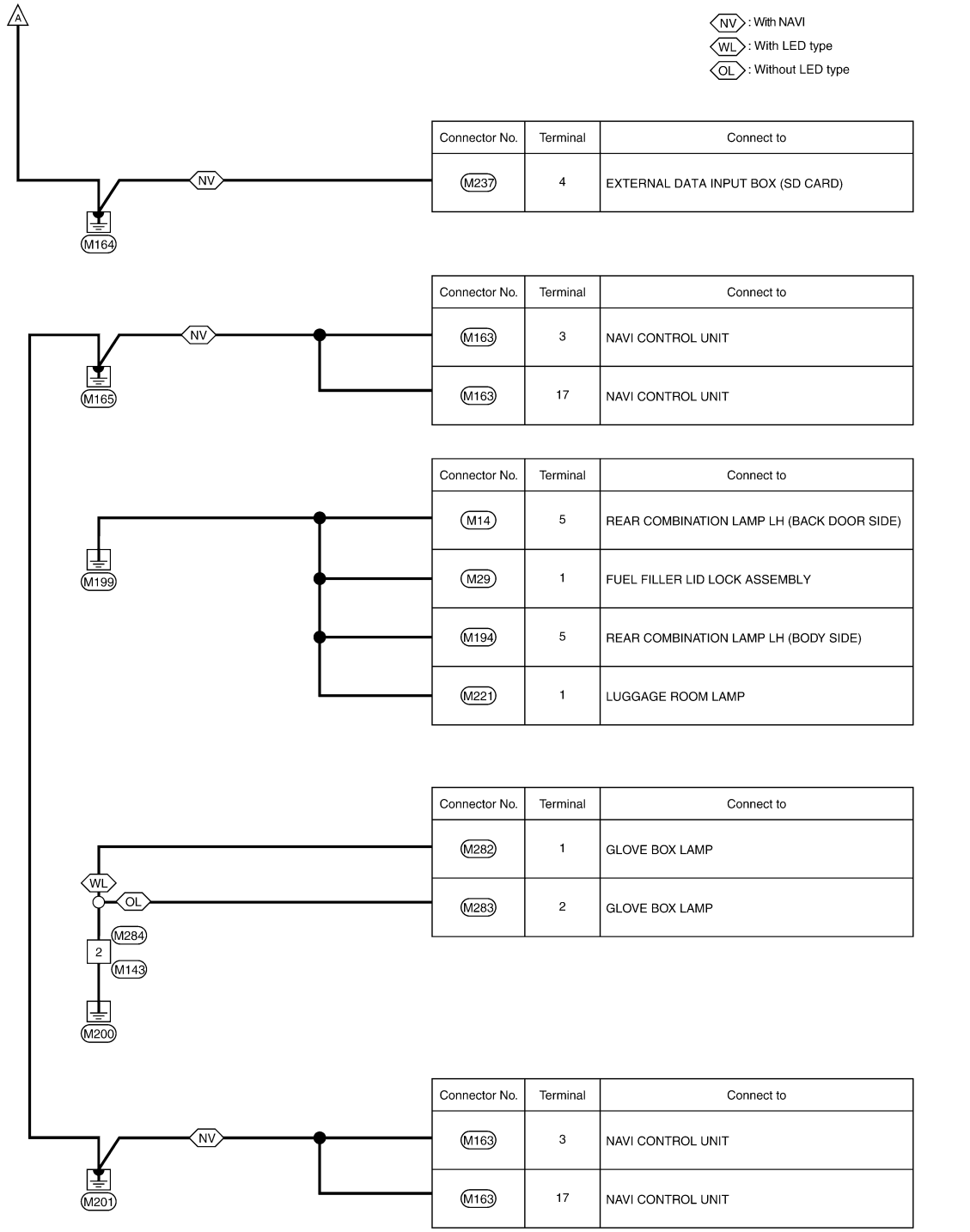
Connector No.	Terminal	Connect to
M149	1	INTELLIGENT KEY UNIT

Connector No.	Terminal	Connect to
M8	39	AROUND VIEW MONITOR CONTROL UNIT

Connector No.	Terminal	Connect to
M70	28	ELECTRIC PARKING BRAKE CONTROL MODULE

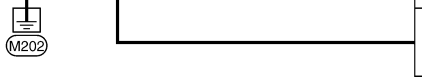
Connector No.	Terminal	Connect to
M22	79	BOSE AMP.
M222	1	EXTERNAL DATA INPUT BOX (USB)

JRMWJ5342GB

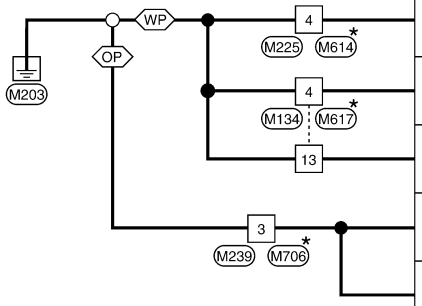


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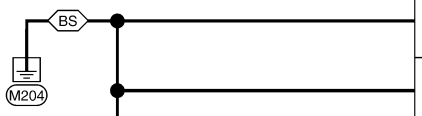
BS : With BOSE amp.
OP : Without power seat
WP : With power seat



Connector No.	Terminal	Connect to
M44	2	LOW TIRE PRESSURE WARNING CONTROL UNIT
M195	5	REAR COMBINATION LAMP RH (BODY SIDE)



Connector No.	Terminal	Connect to
M615*	4	DRIVER SEAT CONTROL UNIT
M618*	4	PASSENGER SEAT CONTROL UNIT
M618*	13	PASSENGER SEAT CONTROL UNIT
M660*	2	LUMBAR SUPPORT CONTROL UNIT
M662*	2	LUMBAR SUPPORT PUMP



Connector No.	Terminal	Connect to
M20	7	BOSE AMP.
M20	12	BOSE AMP.
M22	58	BOSE AMP.



Connector No.	Terminal	Connect to
M302	2	SUB BATTERY

* : This connector is not shown in "Harness Layout".

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Body Harness

INFOID:0000000013767880

BODY HARNESS



Connector No.	Terminal	Connect to
B472*	2	REAR WINDOW DEFOGGER

*: This connector is not shown in "Harness Layout".

2015/10/16

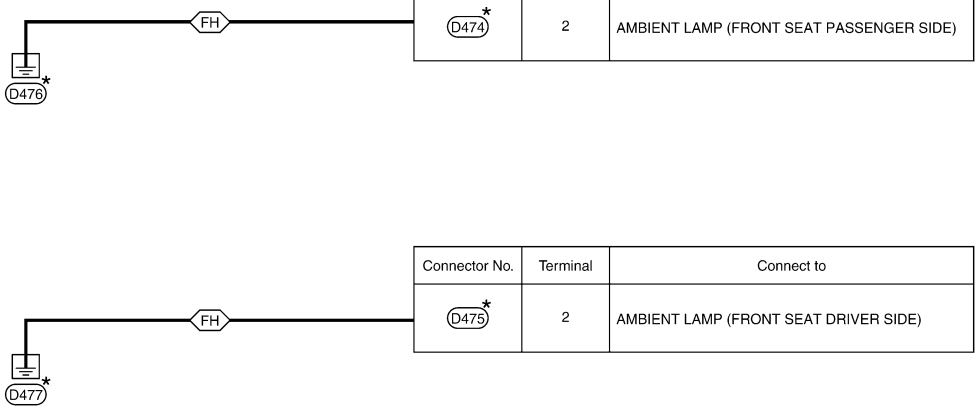
JRMWI9701GB

Door Harness

INFOID:0000000013767881

DOOR HARNESS

FH : With front headrest lamp



Connector No.	Terminal	Connect to
D474*	2	AMBIENT LAMP (FRONT SEAT PASSENGER SIDE)

Connector No.	Terminal	Connect to
D475*	2	AMBIENT LAMP (FRONT SEAT DRIVER SIDE)

* : This connector is not shown in "Harness Layout".

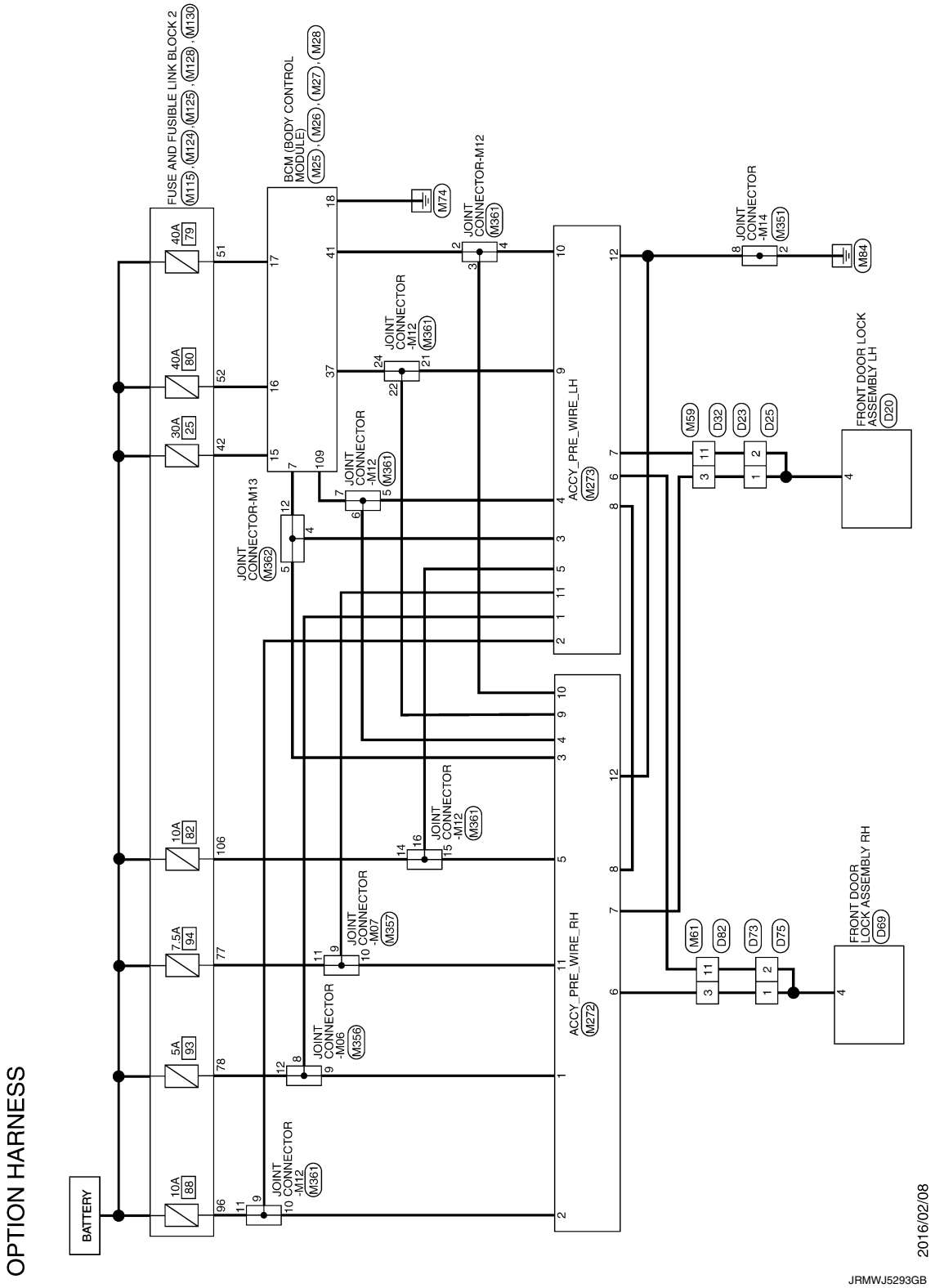
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JRMWI9702GB

OPTION HARNESS

Wiring Diagram

INFOID:0000000013767882



OPTION HARNESS

Connector No.	D20
Connector Name	FRONT DOOR LOCK ASSEMBLY LH
Connector Type	MB_A0225452726

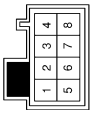


Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	B	-
3	BR	-
4	P	-

Connector No.	D23
Connector Name	WIRE TO WIRE
Connector Type	MB_A0255458926

Terminal No.	Color Of Wire	Signal Name [Specification]
1	P	-
2	G	-
5	BR	-
6	R	-
7	BR	- [Without BOSE audio]
7	P	- [With BOSE audio]
8	GR	- [Without BOSE audio]
8	V	- [With BOSE audio]

Connector No.	D25
Connector Name	WIRE TO WIRE
Connector Type	MB_A0495450928



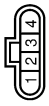
Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	G	-
5	BR	-
6	R	-
7	BR	- [Without BOSE audio]
7	P	- [With BOSE audio]
8	GR	- [Without BOSE audio]
8	V	- [With BOSE audio]

Connector No.	D32
Connector Name	WIRE TO WIRE
Connector Type	AMP_953892-1

Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	BR	-
3	P	-
4	GR	- [Without BOSE audio]
4	V	- [With BOSE audio]
5	P	-
6	L	-
7	R	-
8	W	-
9	B	-
10	R	-

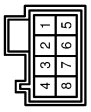
11	G	-
12	BR	- [Without BOSE audio]
12	P	- [With BOSE audio]
13	B	-
15	B	-
16	SHIELD	-

Connector No.	D69
Connector Name	FRONT DOOR LOCK ASSEMBLY RH
Connector Type	MB_A0225452726



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	B	-
3	BR	-
4	P	-

Connector No.	D73
Connector Name	WIRE TO WIRE
Connector Type	MB_A0255458926



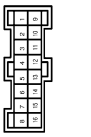
Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	G	-
5	R	-
6	W	- [Without BOSE audio]
7	BR	- [With BOSE audio]
7	G	- [Without BOSE audio]
8	GR	- [With BOSE audio]

8	L	- [With BOSE audio]

Connector No.	D75
Connector Name	WIRE TO WIRE
Connector Type	MB_A0495450928

Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	G	-
5	R	-
6	W	-
7	BR	- [Without BOSE audio]
7	G	- [With BOSE audio]
8	GR	- [Without BOSE audio]
8	L	- [With BOSE audio]

Connector No.	D82
Connector Name	WIRE TO WIRE
Connector Type	AMP_953892-1



Terminal No.	Color Of Wire	Signal Name [Specification]
1	B	-
2	BR	-
3	G	-
4	GR	- [Without BOSE audio]
4	L	- [With BOSE audio]
5	Y	-
7	R	-
8	W	-

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OPTION HARNESS

9	BR	-
10	R	-
11	G	-
12	BR	- [Without BOSE audio]
12	G	- [With BOSE audio]
13	GR	-
15	B	-
16	SHIELD	-

Connector No.	M25
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MB_A00754050B1

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	ROTARY LIGHT SW GND
2	O	ROTARY LIGHT SW (PU,PR/TAIL)
3	R	ROTARY LIGHT SW (AUTO/LOW)
4	G	ROTARY LIGHT SW (FR FOG)
5	Y	-
7	GR	SWITCH INDICATOR
8	R	CAN-H (BODY 2)
9	BR	CAN-L (BODY 2)
12	O	LIN (IBS)
14	G	FOOT LAMP

Connector No.	M26
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MB_A02354598Z6

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
15	W	BAT (FUSE)
16	BR	BAT (FUSE)
17	R	BAT (FUSE)
18	B	GND

Connector No.	M27
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MB_A16654D0381

H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
19	Y	RR POWER WINDOW MOTOR RH CONT (UP)
20	G	RR POWER WINDOW MOTOR RH CONT (DOWN)
21	B	RR POWER WINDOW MOTOR LH CONT (UP)
22	GR	RR POWER WINDOW MOTOR LH CONT (DOWN)
23	P	AIR BAG SIGNAL
27	GR	BACK DOOR OPENER SW
33	O	RR POWER WINDOW SW LH GND
34	BR	RR POWER WINDOW SW LH (DOWN)
36	O	RR POWER WINDOW SW LH (UP)
37	W	RR DOOR RH STATUS
39	Y	BACK DOOR STATUS
40	V	BACK DOOR LAMP
41	W	RR DOOR LH STATUS
42	V	LUGGAGE ROOM LAMP
43	GR	BACK-UP LAMP LH
44	W	HIGH-MOUNTED STOP LAMP
45	O	TAIL LAMP (BODY RH)
48	GR	TAIL LAMP (BK RH)
50	GR	-
57	Y	STOP LAMP (BODY LH)
58	B	REAR TURN SIGNAL RH
59	P	RR DOOR RH UNLOCK
60	G	RR DOOR RH LOCK
62	GR	LICENSE PLATE LAMP LH
63	W	HALL SENSOR LH SIGNAL
64	GR	HALL SENSOR LH GND
65	R	HALL SENSOR LH POWER SUPPLY

Connector No.	M28
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	MB_A16654004B1

H.S.

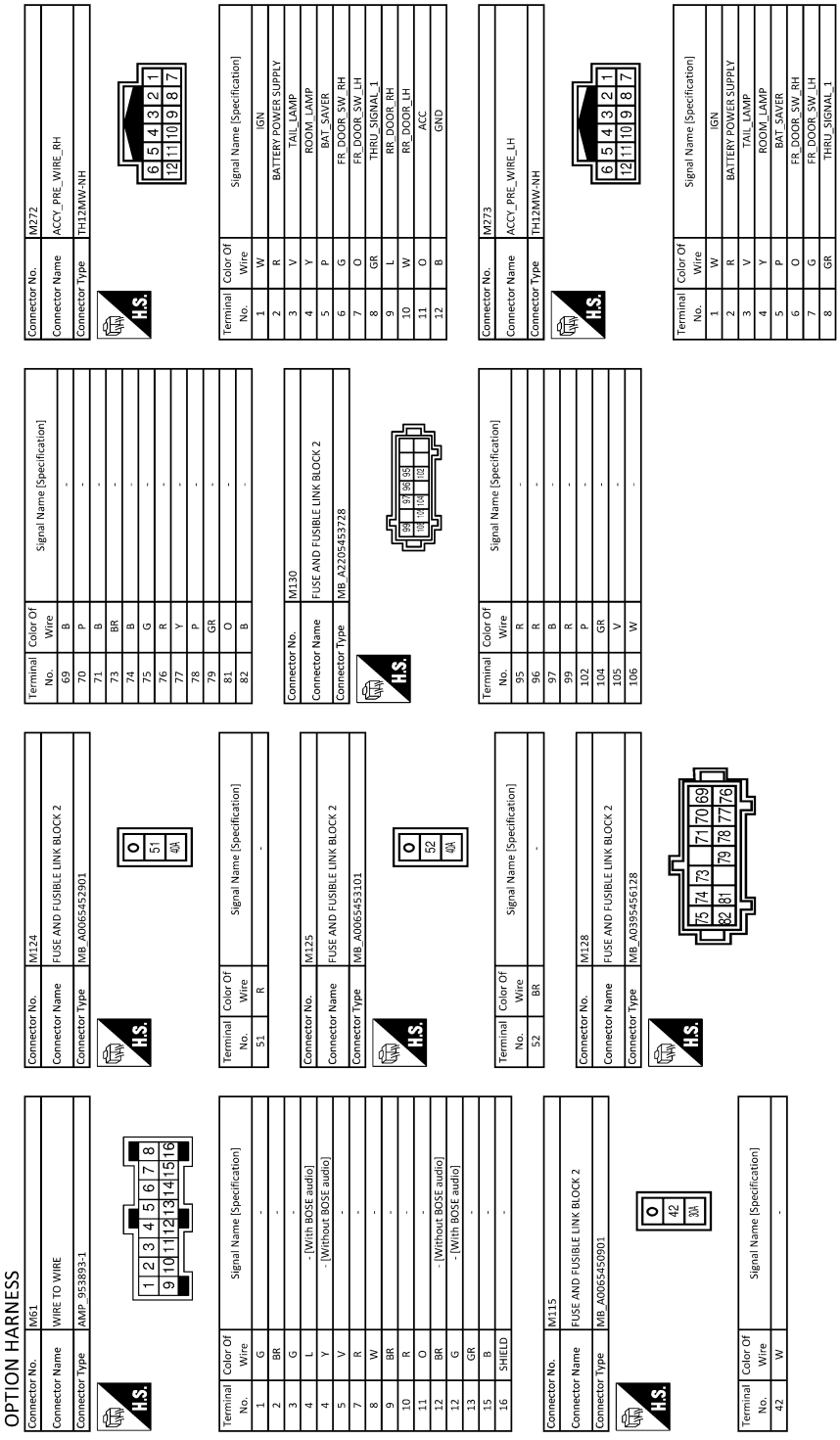
Terminal No.	Color Of Wire	Signal Name [Specification]
67	V	BACK DOOR UNLOCK
69	GR	STOP LAMP (BODY RH)
70	B	REAR TURN SIGNAL LH
71	GR	BACK-UP LAMP RH
72	Y	LICENSE PLATE LAMP RH
73	L	RR POWER WINDOW SW RH UP
74	B	RR POWER WINDOW SW RH DOWN
75	L	RR POWER WINDOW SW RH GND
76	GR	HALL SENSOR RH POWER SUPPLY
77	R	SUB BAT-
78	B	TERMINAL RELAY 15R1 CONT
80	B	REAR WIPER RELAY CONT
82	GR	TAIL LAMP (BODY LH)
83	P	TERMINAL RELAY 15R2 CONT
85	B	TAIL LAMP (BK LH)
87	R	BAT (VIA LATCHING TERMINAL RELAY 30G)
89	O	HALL SENSOR RH GND
90	V	HALL SENSOR RH SIGNAL
91	P	FUEL LEVEL SENSOR GND
92	L	FUEL LEVEL SENSOR
93	GR	FUEL LEVEL SENSOR
94	Y	FUEL FILLER LID STATUS
97	G	LATCHING TERMINAL RELAY 30G CONT 1
98	B	LATCHING TERMINAL RELAY 30G GND 1
99	W	LATCHING TERMINAL RELAY 30G GND 2
100	V	LATCHING TERMINAL RELAY 30G CONT 2
101	Y	REAR DOOR INSIDE HANDLE LAMP CONT
102	GR	AMBIENT LAMP CONT
103	V	SUB BAT RELAY CONT
105	G	RR DOOR LH UNLOCK
106	W	FUEL FILLER LID UNLOCK
107	L	RR DOOR LH LOCK
108	R	SUB BAT+
109	O	LIN (ROOF)
112	BR	CAN-L (BODY 1)
113	R	CAN-H (BODY 1)
114	B	INJECTION RELAY CONT

Connector No.	M59
Connector Name	WIRE TO WIRE
Connector Type	AMP_953893-1

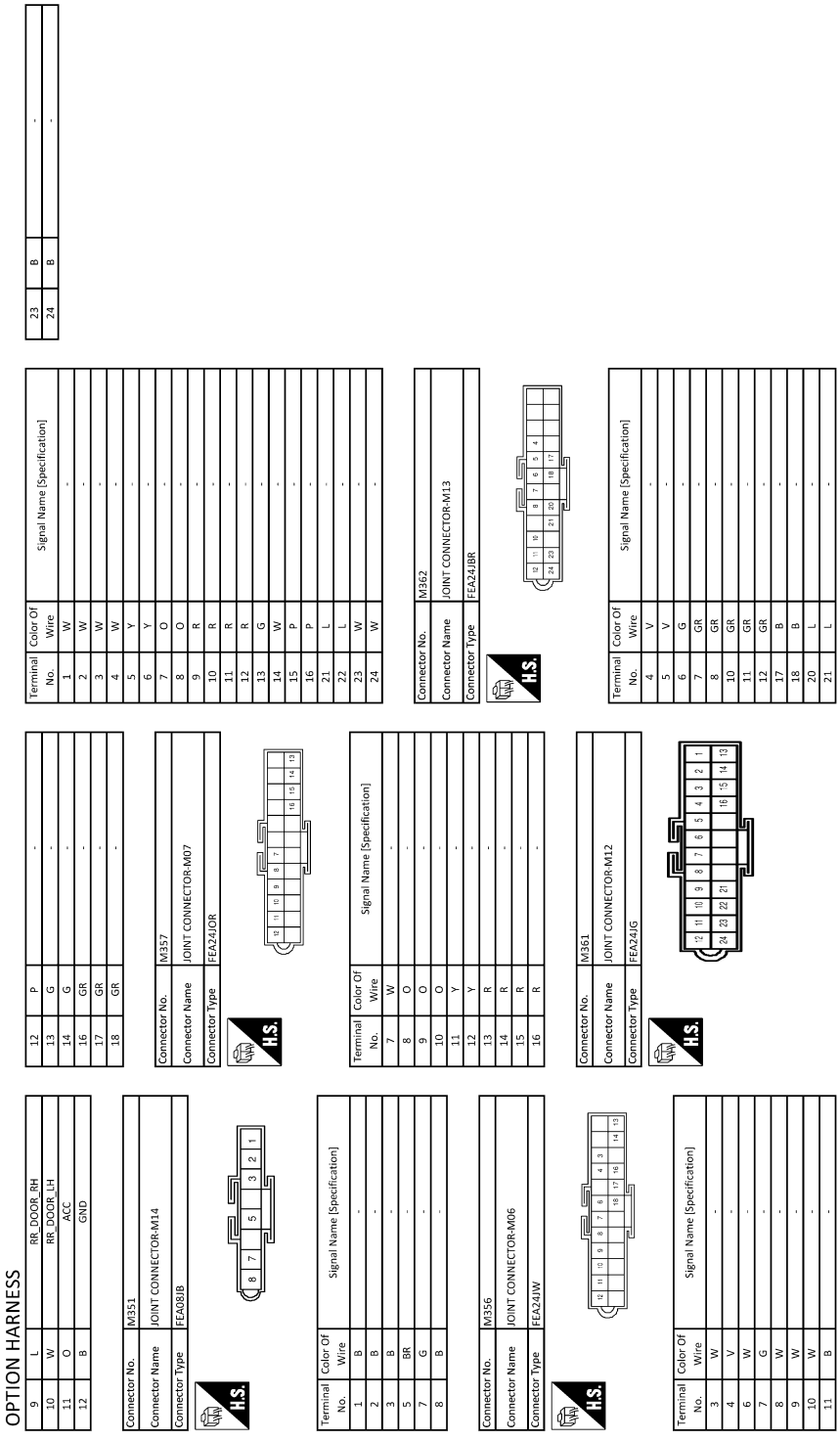
H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	BR	-
2	BR	-
3	O	-
4	V	- [With BOSE audio]
4	W	- [Without BOSE audio]
5	P	-
6	L	-
7	R	-
8	W	-
9	B	-
10	R	-
11	G	-
12	L	- [Without BOSE audio]
12	P	- [With BOSE audio]
13	B	-
15	B	-
16	SHIELD	-

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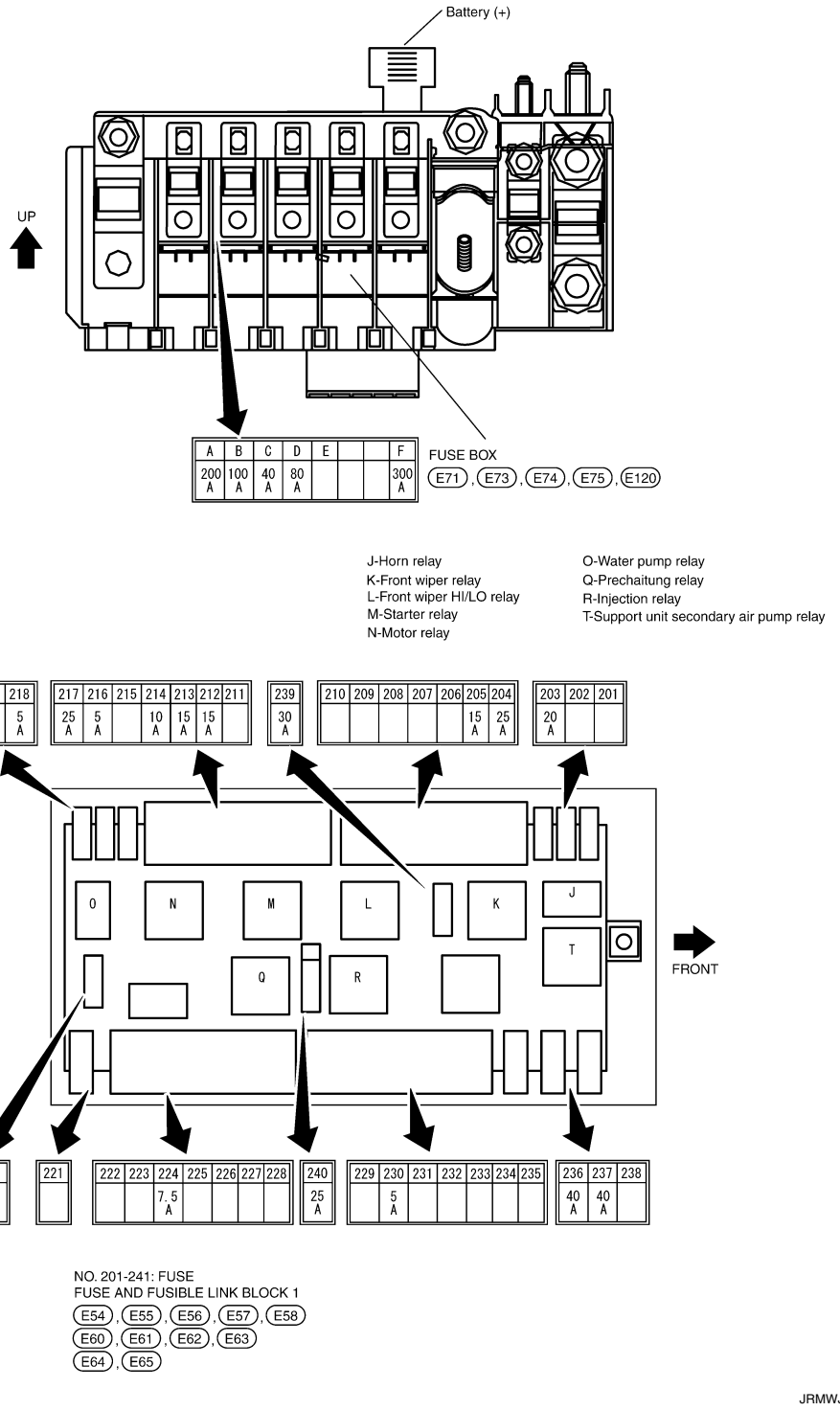
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FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

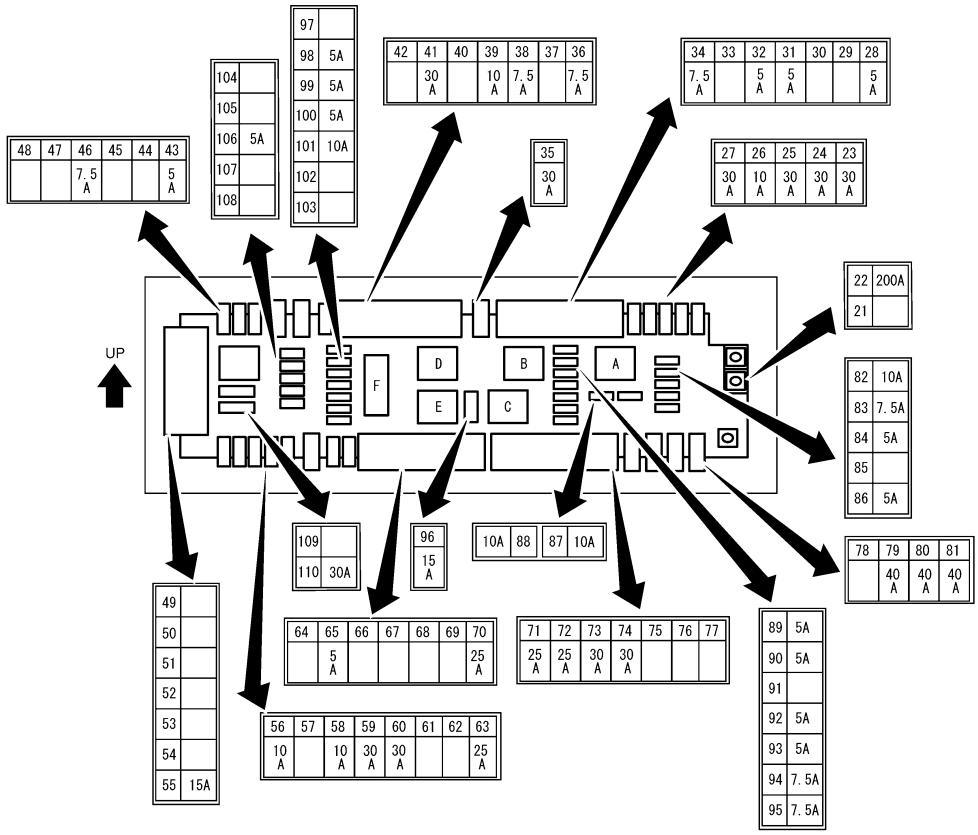
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FUSE,FUSIBLE LINK AND RELAY BOX and fusible link arrangement



JRMWJ5335GB

A-Injection relay
B-Rear wiper relay
C-Terminal relay (15R2)
D-Heated rear window relay (HHS)
E-Terminal relay (15R1)
F-Latching terminal relay 30g



NO. 21-110: FUSE
FUSE AND FUSIBLE LINK BLOCK 2
(M105), (M107), (M108), (M109), (M110),
(M111), (M112), (M113), (M115), (M116),
(M117), (M118), (M119), (M120), (M121), (M122),
(M123), (M124), (M125), (M126), (M127), (M128),
(M129), (M130), (M131), (M308), (E66)

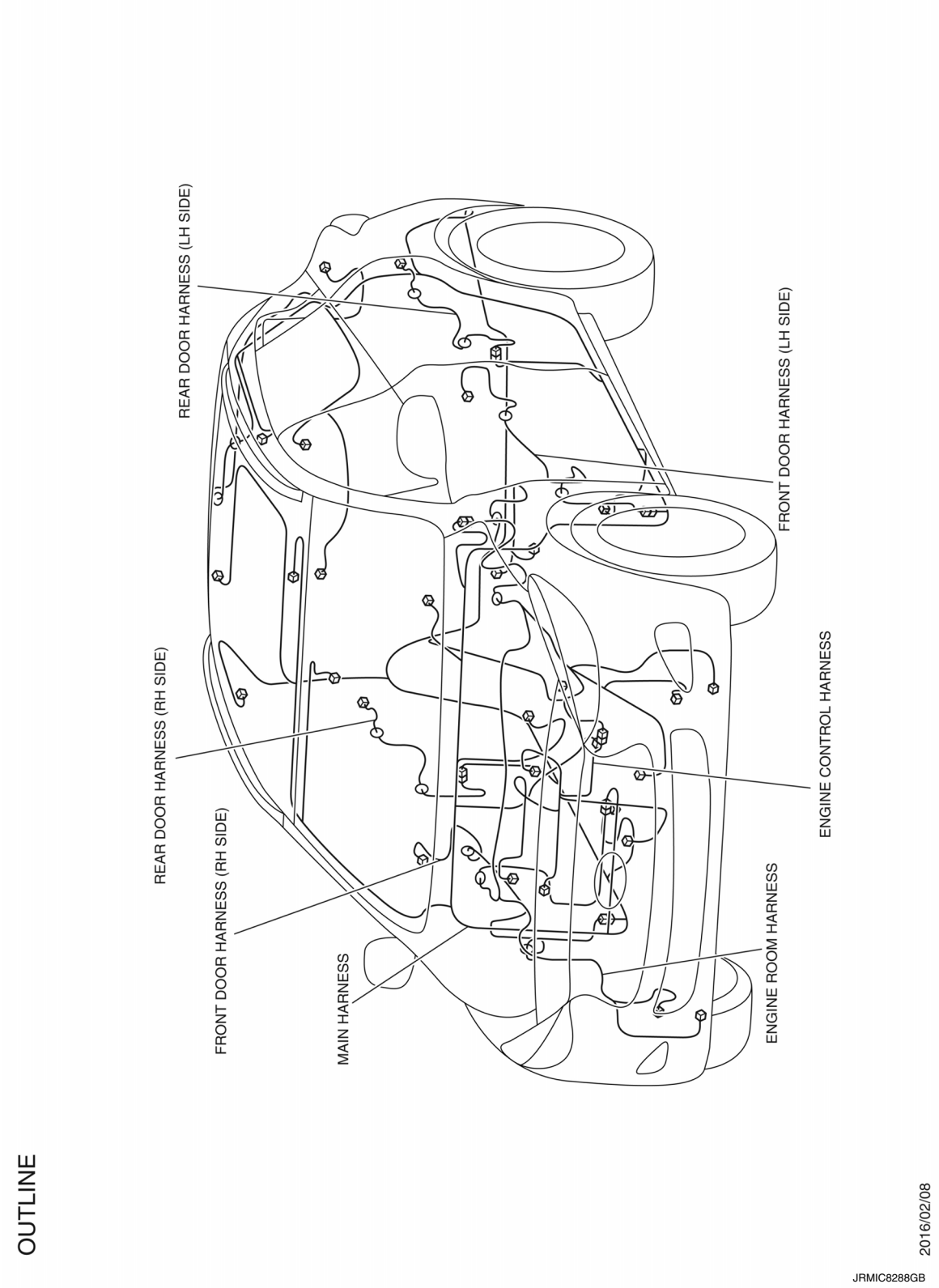
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HARNESS LAYOUT

Outline

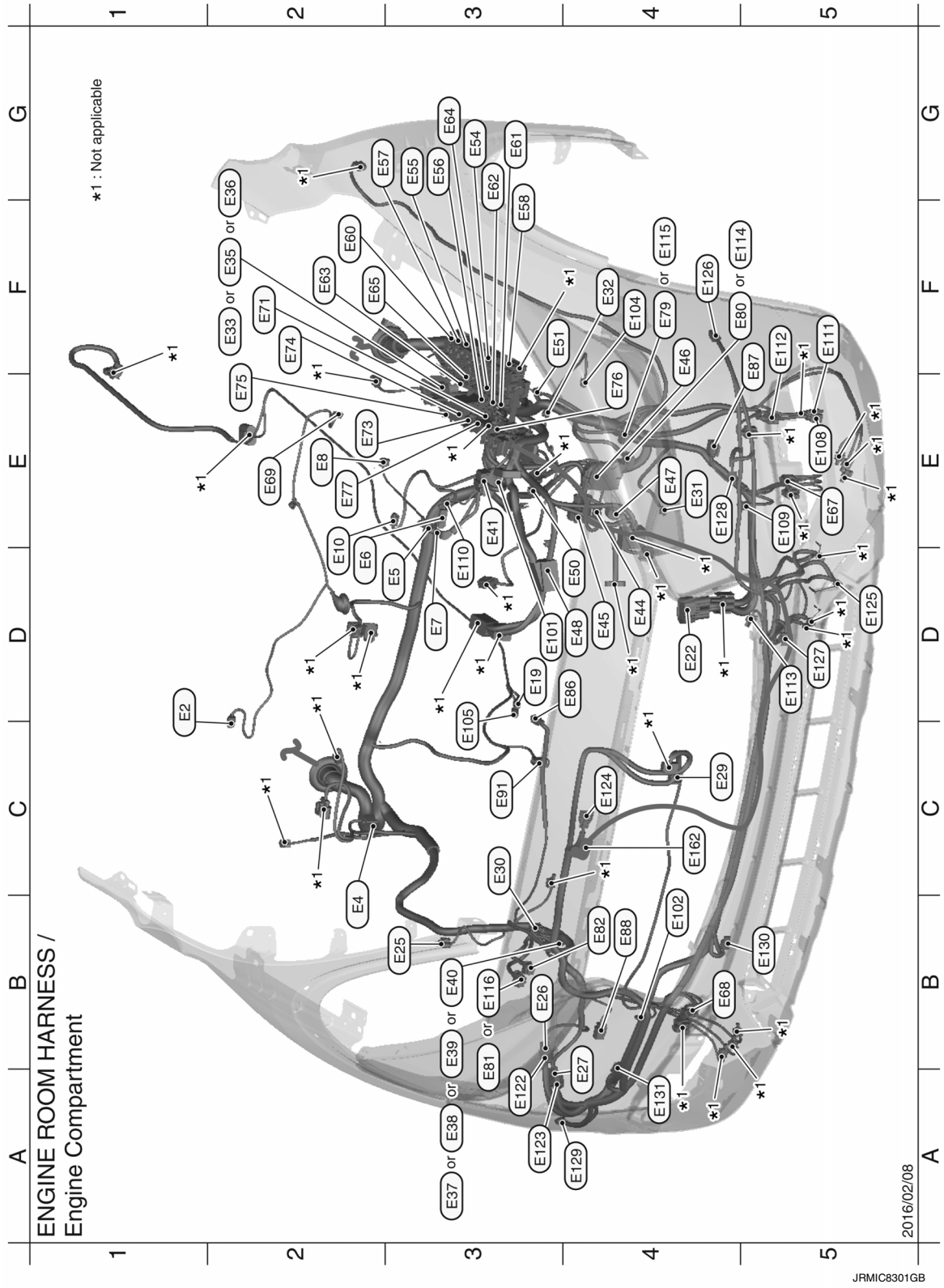
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Engine Room Harness

INFOID:0000000013767885

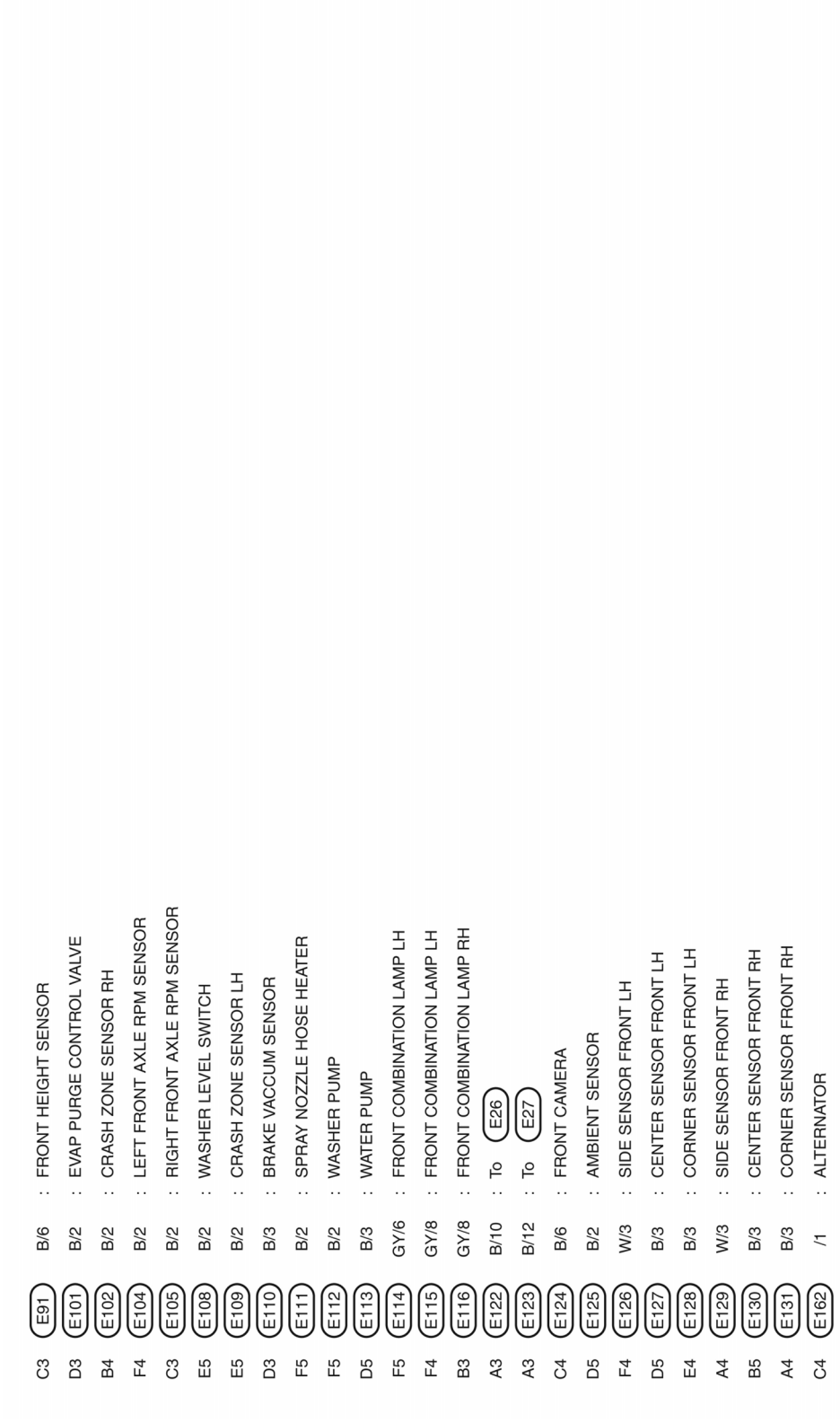
ENGINE COMPARTMENT



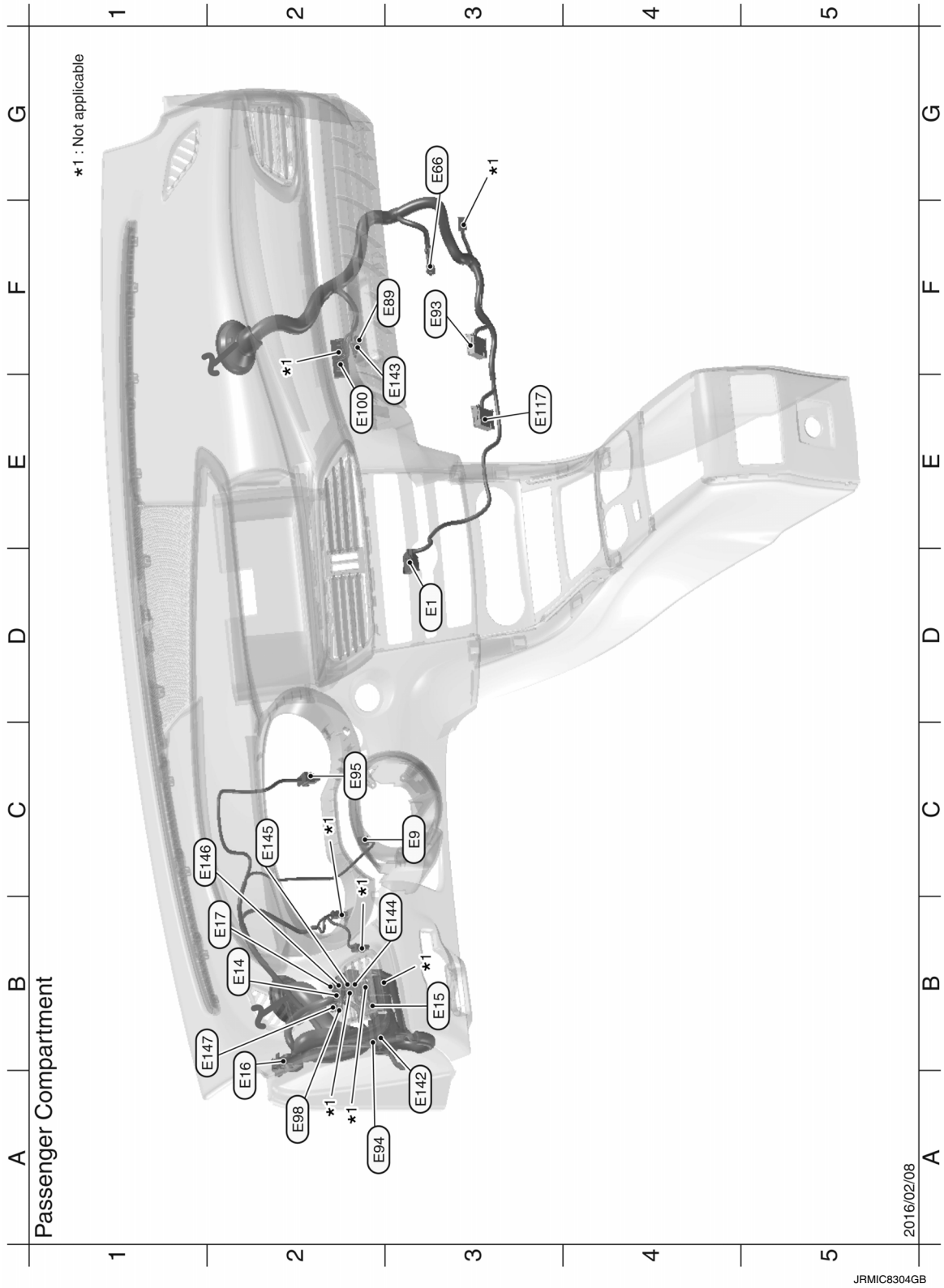
D1	E2	B/3	: AIR QUALITY SENSOR	D4	E50	-	: BODY GROUND				
B2	E4	B/2	: COOLANT CIRCULATION PUMP	F3	E51	-	: BODY GROUND				
D3	E5	-	: BATTERY	G3	E54	Y/7	: FUSE AND FUSIBLE LINK BLOCK 1				
D2	E6	B/2	: BATTERY (PYROFUSE)	G3	E55	LB/7	: FUSE AND FUSIBLE LINK BLOCK 1				
D3	E7	-	: BATTERY	G3	E56	R/7	: FUSE AND FUSIBLE LINK BLOCK 1				
E2	E8	-	: BATTERY SENSOR	G2	E57	W/1	: FUSE AND FUSIBLE LINK BLOCK 1				
D2	E10	B/2	: BRAKE FLUID LEVEL SWITCH	F3	E58	W/1	: FUSE AND FUSIBLE LINK BLOCK 1				
D3	E19	B/2	: RIGHT FRONT BRAKE WEAR SENSOR	F2	E60	GY/1	: FUSE AND FUSIBLE LINK BLOCK 1				
D4	E22	B/4	: COOLING FAN MOTOR	G3	E61	W/1	: FUSE AND FUSIBLE LINK BLOCK 1				
B3	E25	B/4	: COOLANT LEVEL SWITCH	G3	E62	G/1	: FUSE AND FUSIBLE LINK BLOCK 1				
B3	E26	B/10	: To E122	F2	E63	G/1	: FUSE AND FUSIBLE LINK BLOCK 1				
B4	E27	B/12	: To E123	G3	E64	B/14	: FUSE AND FUSIBLE LINK BLOCK 1				
C4	E29	B/8	: ICC SENSOR	F2	E65	W/10	: FUSE AND FUSIBLE LINK BLOCK 1				
C3	E30	B/3	: REFRIGERANT PRESSURE SENSOR	E5	E67	B/2	: FRONT FOG LAMP LH				
E4	E31	-	: BODY GROUND	B4	E68	B/2	: FRONT FOG LAMP RH				
F4	E32	-	: BODY GROUND	E2	E69	B/4	: FRONT WIPER MOTOR				
F2	E33	-	: BODY GROUND	F2	E71	-	: FUSE BOX				
G2	E35	-	: BODY GROUND	E2	E73	-	: FUSE BOX				
G2	E36	-	: BODY GROUND	F2	E74	-	: FUSE BOX				
A3	E37	-	: BODY GROUND	E2	E75	-	: FUSE BOX				
A3	E38	-	: BODY GROUND	E4	E76	-	: FUSE BOX				
B3	E39	-	: BODY GROUND	E2	E77	W/2	: FUSE BOX				
B3	E40	-	: BODY GROUND	F4	E79	GY/8	: FRONT COMBINATION LAMP LH				
E3	E41	B/14	: To F522	F5	E80	GY/6	: FRONT COMBINATION LAMP LH				
D4	E44	GY/2	: EPS CONTROL UNIT	B3	E81	GY/8	: FRONT COMBINATION LAMP RH				
D4	E45	B/2	: EPS CONTROL UNIT	B4	E82	GY/6	: FRONT COMBINATION LAMP RH				
F4	E46	B/38	: ELECTRONIC STABILITY PROGRAM CONTROL UNIT	D4	E86	W/4	: HOOD SWITCH				
E4	E47	B/5	: TCM	F5	E87	B/2	: HORN (LO)				
D4	E48	B/58	: ECM	B4	E88	B/2	: HORN (HI)				

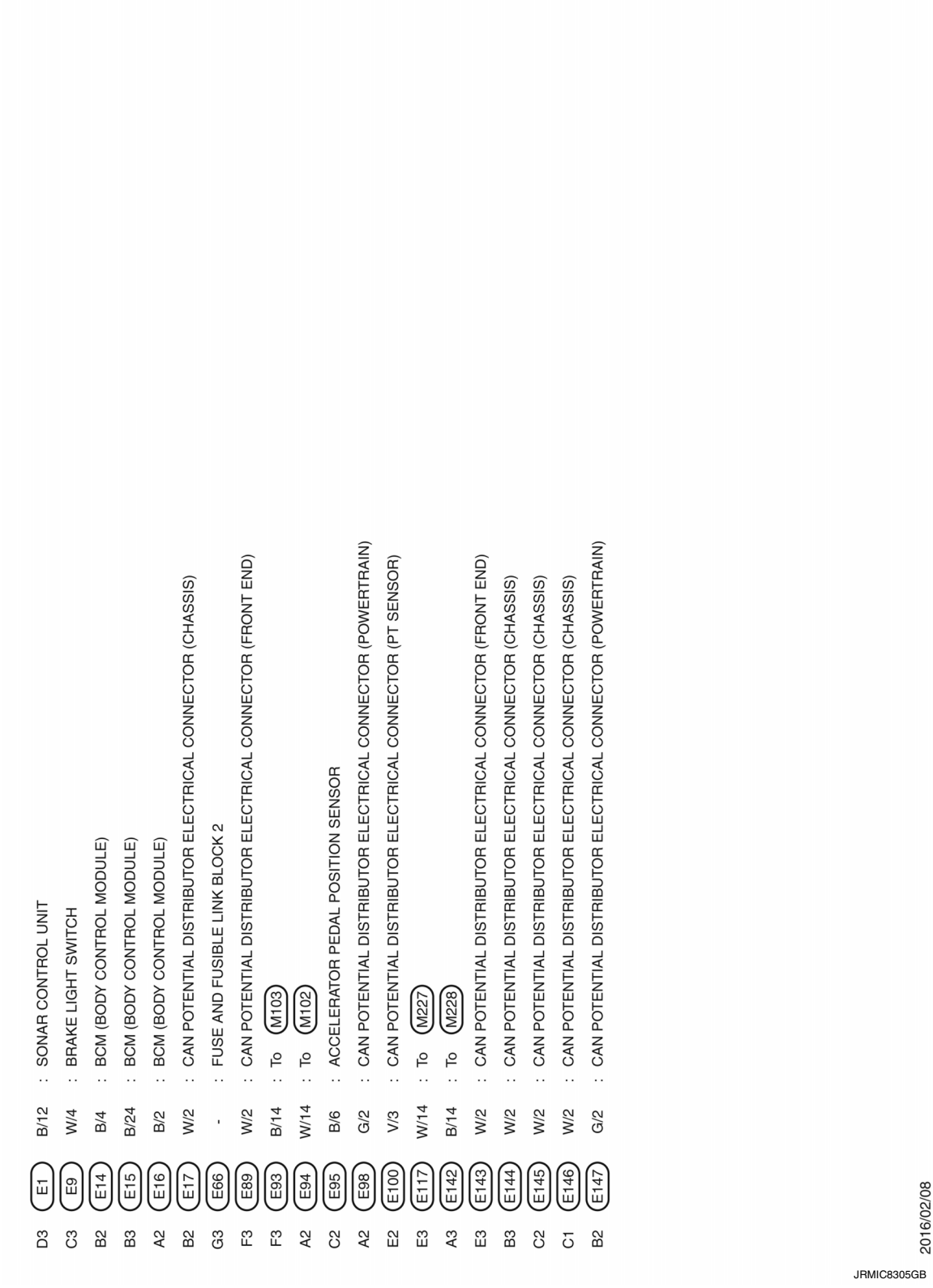
2016/03/31

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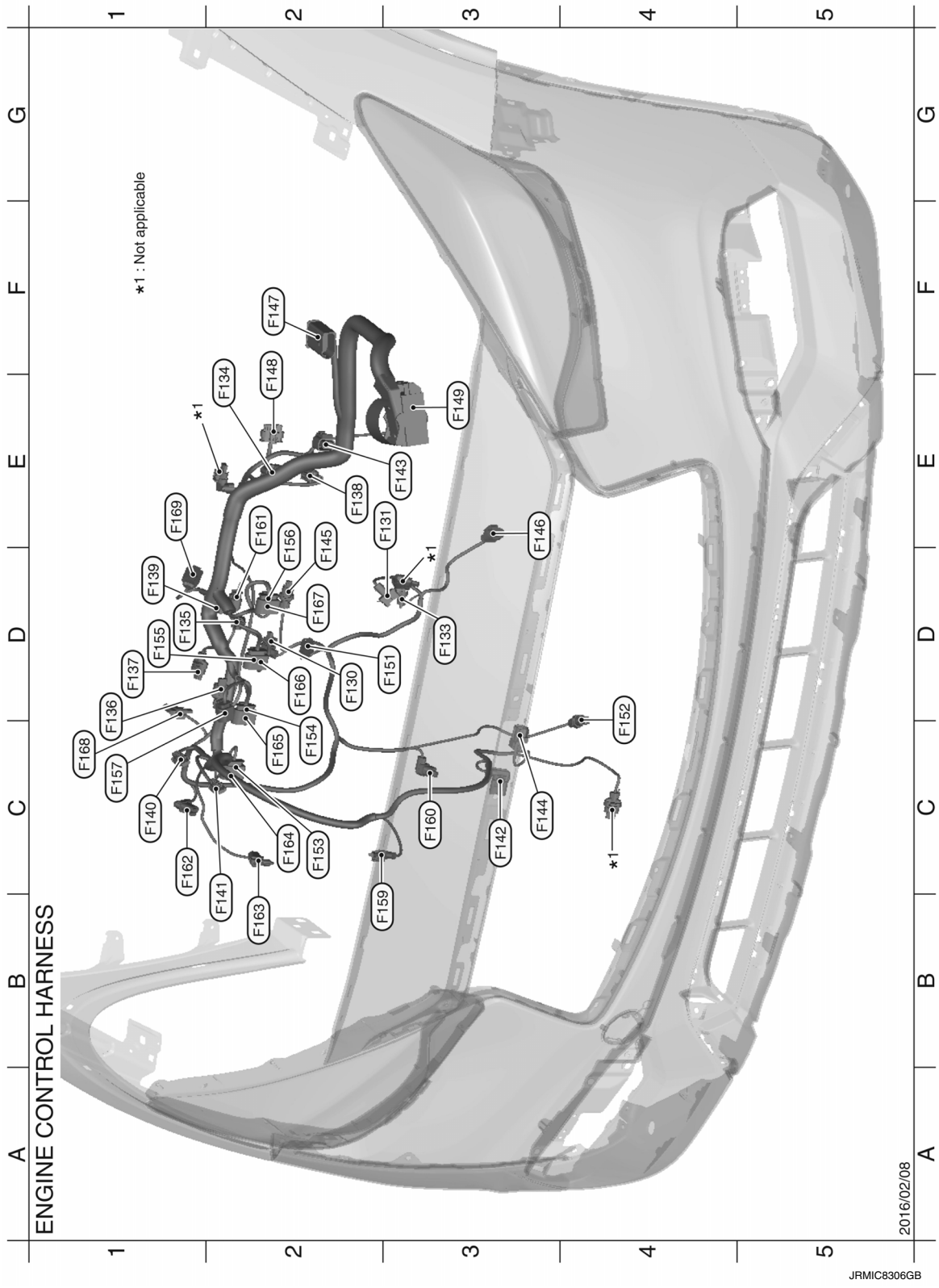
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*1 : Not applicable
Passenger Compartment
E66
*1
E89
E93
*1
E143
E100
E117
E1
E95
*1
E145
E9
E146
*1
E144
E17
E14
*1
E15
E147
E16
E142
E98
*1
*1
E94
2016/02/08
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D3 E1 B/12 : SONAR CONTROL UNIT
C3 E9 W/4 : BRAKE LIGHT SWITCH
B2 E14 B/4 : BCM (BODY CONTROL MODULE)
B3 E15 B/24 : BCM (BODY CONTROL MODULE)
A2 E16 B/2 : BCM (BODY CONTROL MODULE)
B2 E17 W/2 : CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (CHASSIS)
G3 E66 - : FUSE AND FUSIBLE LINK BLOCK 2
F3 E89 W/2 : CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (FRONT END)
F3 E93 B/14 : To M103
A2 E94 W/14 : To M102
C2 E95 B/6 : ACCELERATOR PEDAL POSITION SENSOR
A2 E98 G/2 : CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (POWERTRAIN)
E2 E100 V/3 : CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (PT SENSOR)
E3 E117 W/14 : To M227
A3 E142 B/14 : To M228
E3 E143 W/2 : CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (FRONT END)
B3 E144 W/2 : CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (CHASSIS)
C2 E145 W/2 : CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (CHASSIS)
C1 E146 W/2 : CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (CHASSIS)
B2 E147 G/2 : CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (POWERTRAIN)
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Engine Control Harness

INFOID:0000000013767886



D2	F130	B/2	: KNOCK SENSOR 1	C1	F162	-	: INTAKE CAMSHAFT ACTUATOR		
E3	F131	-	: KNOCK SENSOR 2	B2	F163	-	: EXHAUST CAMSHAFT ACTUATOR		
D3	F133	-	: ENGINE COOLANT TEMPERATURE SENSOR	C2	F164	B/2	: FUEL INJECTOR (No. 1)		
E2	F134	W/2	: CHARGE AIR TEMPERATURE SENSOR UPSTREAM OF THROTTLE VALVE	C2	F165	B/2	: FUEL INJECTOR (No. 2)		
D1	F135	W/2	: CHARGE AIR TEMPERATURE SENSOR DOWNSTREAM OF THROTTLE VALVE	D2	F166	B/2	: FUEL INJECTOR (No. 3)		
D1	F136	-	: PRESSURE SENSOR DOWNSTREAM OF AIR FILTER	D2	F167	B/2	: FUEL INJECTOR (No. 4)		
D1	F137	B/3	: PRESSURE SENSOR DOWNSTREAM OF THROTTLE VALVE	C1	F168	B/2	: BOOST PRESSURE CONTROL VACUUM TRANSDUCER		
E2	F138	B/3	: PRESSURE SENSOR UPSTREAM OF THROTTLE VALVE	E1	F169	-	: QUANTITY CONTROL VALVE		
D1	F139	-	: FUEL PRESSURE AND TEMPERATURE SENSOR						
C1	F140	B/3	: INTAKE CAMSHAFT POSITION SENSOR						
B2	F141	B/3	: EXHAUST CAMSHAFT POSITION SENSOR						
C3	F142	-	: ALTERNATOR						
E3	F143	-	: AIR FUEL RATIO (A/F) SENSOR						
C3	F144	-	: HEATED OXYGEN SENSOR						
E2	F145	-	: PARTIAL LOAD OPERATION CRANKCASE VENTILATION VALVE						
E3	F146	-	: CRANKSHAFT POSITION SENSOR						
F2	F147	/14	: To E223						
E2	F148	B/6	: THROTTLE VALVE ACTUATOR						
E3	F149	/96	: ECM						
D3	F151	-	: COOLANT THERMOSTAT HEATER ELEMENT						
D4	F152	B/2	: ENGINE OIL LEVEL SWITCH						
C2	F153	-	: IGNITION COIL (No.1)						
C2	F154	-	: IGNITION COIL (No.2)						
D1	F155	-	: IGNITION COIL (No.3)						
E2	F156	-	: IGNITION COIL (No.4)						
C1	F157	/2	: FULL-LOAD OPERATION VENTLINE HEATER ELEMENT						
B3	F159	-	: DIVERT AIR SWITCHOVER VALVE						
C3	F160	B/2	: ENGINE OIL PUMP VALVE						
E2	F161	-	: COOLANT PUMP SWITCHOVER VALVE						

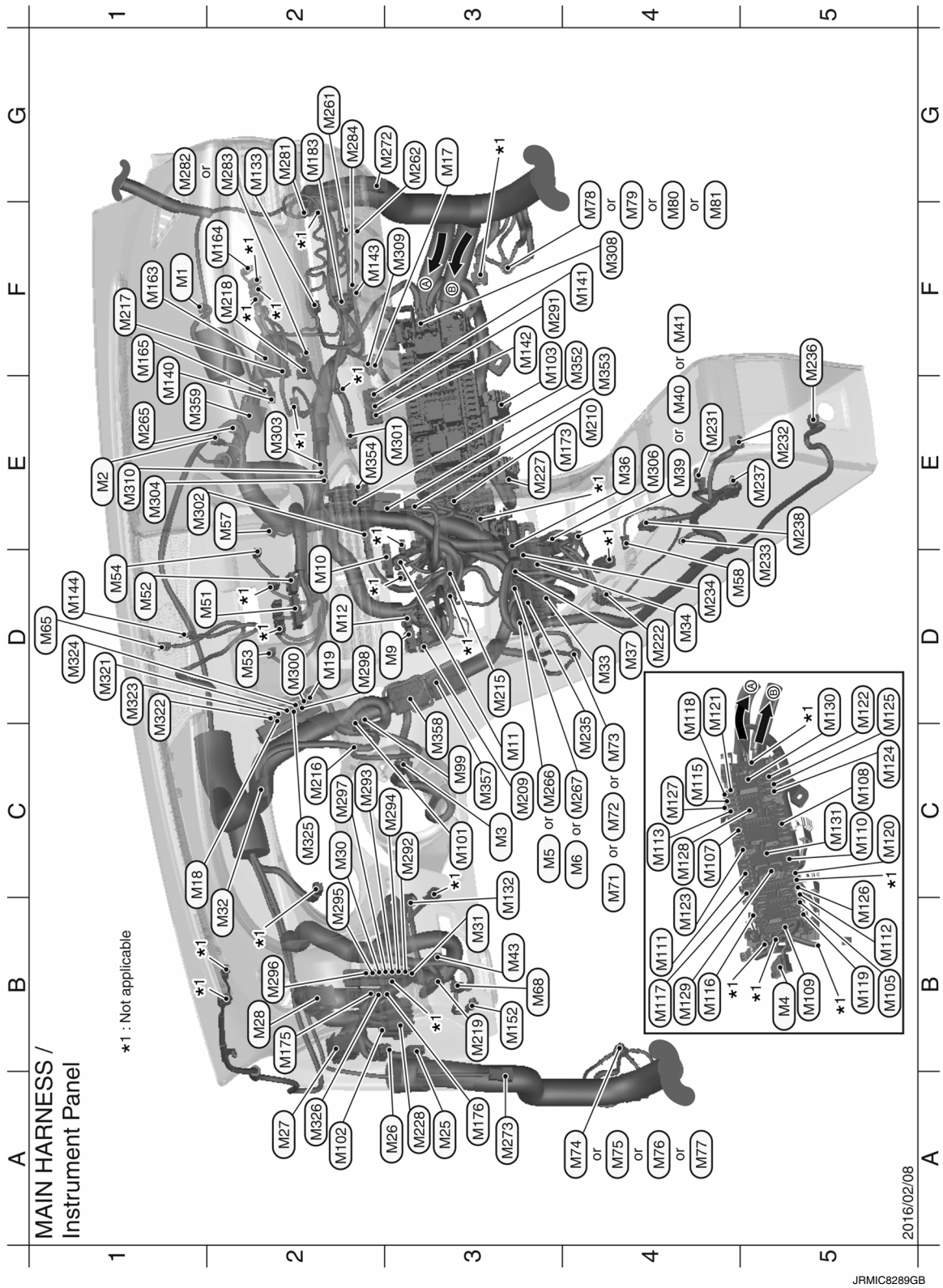
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Main Harness

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INSTRUMENT PANEL



F1	M1	G/2	: PASSENGER AIR BAG MODULE	D2	M53	B/1	: BODY GROUND
E1	M2	Y/2	: PASSENGER AIR BAG MODULE	D1	M54	B/1	: BODY GROUND
C3	M3	Y/14	: STEERING COLUMN CONTROL MODULE	E2	M57	W/2	: DIODE
B5	M4	B/28	: SONAR CONTROL UNIT	D4	M58	W/6	: ELECTRIC SHIFT CONTROL UNIT
C3	M5	ZY/104	: AIR BAG DIAGNOSIS SENSOR UNIT	D1	M65	B/4	: SUNLOAD SENSOR
C4	M6	ZY/20	: AIR BAG DIAGNOSIS SENSOR UNIT	B3	M68	W/8	: ELECTRIC PARKING BRAKE SWITCH
D3	M9	W/20	: AV CONTROL UNIT	C4	M71	-	: BODY GROUND
D2	M10	W/40	: AV CONTROL UNIT	C4	M72	-	: BODY GROUND
C3	M11	W/12	: AV CONTROL UNIT	C4	M73	-	: BODY GROUND
D2	M12	W/16	: AV CONTROL UNIT	A4	M74	-	: BODY GROUND
G3	M17	B/4	: To M309	A4	M75	-	: BODY GROUND
C1	M18	B/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (BODY)	A4	M76	-	: BODY GROUND
D2	M19	B/3	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (BODY)	A4	M77	-	: BODY GROUND
A3	M25	B/14	: BCM (BODY CONTROL MODULE)	F4	M78	-	: BODY GROUND
A3	M26	GY/4	: BCM (BODY CONTROL MODULE)	F4	M79	-	: BODY GROUND
A2	M27	B/48	: BCM (BODY CONTROL MODULE)	F4	M80	-	: BODY GROUND
B2	M28	W/48	: BCM (BODY CONTROL MODULE)	F4	M81	-	: BODY GROUND
C2	M30	W/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (CHASSIS)	C3	M99	LB/8	: ELECTRONIC IGNITION SWITCH CONTROL UNIT
B3	M31	W/3	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (CHASSIS)	C3	M101	G/12	: ELECTRONIC IGNITION SWITCH CONTROL UNIT
B2	M32	-	: COMBINATION METER	A2	M102	W/14	: To E94
D4	M33	W/14	: To M235	F3	M103	B/14	: To E93
D4	M34	B/14	: To M234	B5	M105	V/1	: FUSE AND FUSIBLE LINK BLOCK 2
E4	M36	-	: A/C AUTO AMP.	C4	M107	Y/7	: FUSE AND FUSIBLE LINK BLOCK 2
D4	M37	LB/12	: A/C AUTO AMP.	C5	M108	W/7	: FUSE AND FUSIBLE LINK BLOCK 2
E4	M39	-	: BODY GROUND	B5	M109	LB/7	: FUSE AND FUSIBLE LINK BLOCK 2
E4	M40	-	: BODY GROUND	C5	M110	R/7	: FUSE AND FUSIBLE LINK BLOCK 2
F4	M41	-	: BODY GROUND	B4	M111	G/7	: FUSE AND FUSIBLE LINK BLOCK 2
B3	M43	W/16	: DATA LINK CONNECTOR	B5	M112	LB/1	: FUSE AND FUSIBLE LINK BLOCK 2
D1	M51	W/40	: DISPLAY CONTROL UNIT	C4	M113	G/1	: FUSE AND FUSIBLE LINK BLOCK 2
D1	M52	W/24	: DISPLAY CONTROL UNIT				

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C4	M115	R/1	: FUSE AND FUSIBLE LINK BLOCK 2	B2	M175	G/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (POWERTRAIN)
B4	M116	O/1	: FUSE AND FUSIBLE LINK BLOCK 2	A3	M176	G/3	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (POWERTRAIN)
B4	M117	LB/1	: FUSE AND FUSIBLE LINK BLOCK 2	G2	M183	B/4	: BLOWER REGULATOR
D4	M118	LB/1	: FUSE AND FUSIBLE LINK BLOCK 2	C3	M209	W/12	: PRESET SWITCH
B5	M119	GR/1	: FUSE AND FUSIBLE LINK BLOCK 2	E4	M210	W/16	: PRESET SWITCH
C5	M120	Y/1	: FUSE AND FUSIBLE LINK BLOCK 2	D3	M215	B/40	: TCU
D4	M121	R/1	: FUSE AND FUSIBLE LINK BLOCK 2	C2	M216	B/4	: IN-VEHICLE SENSOR
D5	M122	W/1	: FUSE AND FUSIBLE LINK BLOCK 2	F1	M217	B/12	: CAN GATEWAY
B4	M123	LB/1	: FUSE AND FUSIBLE LINK BLOCK 2	F2	M218	B/12	: CAN GATEWAY
C5	M124	G/1	: FUSE AND FUSIBLE LINK BLOCK 2	B3	M219	B/8	: ROTARY LIGHT SWITCH
D5	M125	Y/1	: FUSE AND FUSIBLE LINK BLOCK 2	D4	M222	W/4	: EXTERNAL DATA INPUT BOX (USB)
C5	M126	G/1	: FUSE AND FUSIBLE LINK BLOCK 2	E3	M227	W/14	: To E117
C4	M127	GR/1	: FUSE AND FUSIBLE LINK BLOCK 2	A3	M228	B/14	: To E142
C4	M128	LB/14	: FUSE AND FUSIBLE LINK BLOCK 2	E4	M231	W/4	: AMBIENT LAMP (CUP HOLDER)
B5	M129	B/10	: FUSE AND FUSIBLE LINK BLOCK 2	E5	M232	B/3	: CONSOLE POWER SOCKET
D5	M130	B/14	: FUSE AND FUSIBLE LINK BLOCK 2	D5	M233	B/2	: FRONT INSIDE KEY ANTENNA
C5	M131	W/14	: FUSE AND FUSIBLE LINK BLOCK 2	D4	M234	B/14	: To M34
C3	M132	LB/2	: FRONT FOOT LAMP LH	C4	M235	W/14	: To M33
G2	M133	LB/2	: FRONT FOOT LAMP RH	F5	M236	B/3	: REAR POWER SOCKET
E1	M140	W/4	: AMBIENT LAMP (INSTRUMENT PANEL)	E5	M237	W/4	: EXTERNAL DATA INPUT BOX (SD CARD)
F4	M141	W/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (FRONT END)	E5	M238	W/12	: MULTIFUNCTION SWITCH
F3	M142	W/3	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (FRONT END)	G2	M261	-	: KNEE AIR BAG MODULE (PASSENGER SIDE)
F2	M143	LB/2	: To M284	G3	M262	B/2	: KNEE AIR BAG MODULE (PASSENGER SIDE)
D1	M144	BR/2	: CENTER SQUAWKER	E1	M265	B/2	: PASSENGER AIR BAG MODULE (ACTIVE VENT)
B3	M152	B/2	: KNEE AIR BAG MODULE (DRIVER SIDE)	C3	M266	-	: AIR BAG DIAGNOSIS SENSOR UNIT
F1	M163	W/28	: NAVI CONTROL UNIT	C4	M267	ZY/20	: AIR BAG DIAGNOSIS SENSOR UNIT
F2	M164	B/1	: BODY GROUND	G2	M272	W/12	: ACCY_PRE_WIRE_RH
F1	M165	B/1	: BODY GROUND	A3	M273	W/12	: ACCY_PRE_WIRE_LH
E4	M173	W/4	: UPPER CONTROL PANEL CONTROL UNIT	G2	M281	B/3	: DAMPER

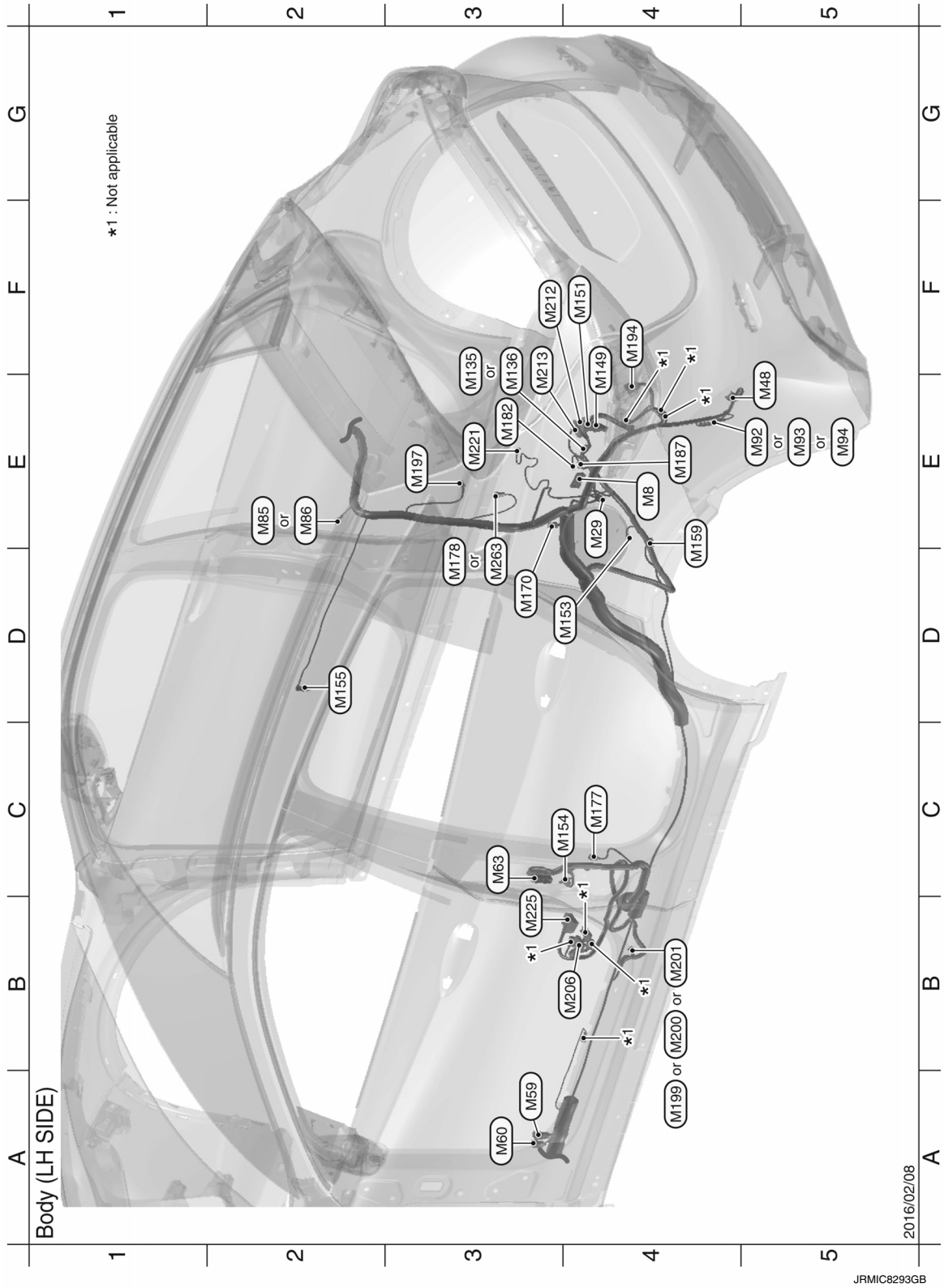
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G1	M282	LB/2	: GLOVE BOX LAMP	E2	M354	-	: JOINT CONNECTOR-M04
G2	M283	B/2	: GLOVE BOX LAMP	C3	M357	-	: JOINT CONNECTOR-M07
G2	M284	-	: To M143	C3	M358	-	: JOINT CONNECTOR-M08
F3	M291	W/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (FRONT END)	E1	M359	-	: JOINT CONNECTOR-M10
C3	M292	W/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (CHASSIS)				
C2	M293	W/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (CHASSIS)				
C3	M294	W/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (CHASSIS)				
B2	M295	W/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (CHASSIS)				
B2	M296	W/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (CHASSIS)				
C2	M297	W/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (CHASSIS)				
D2	M298	B/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (BODY)				
D2	M300	B/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (BODY)				
E3	M301	-	: SUB BATTERY				
E1	M302	-	: SUB BATTERY				
E2	M303	-	: SUB BATTERY RELAY				
E1	M304	B/2	: SUB BATTERY RELAY				
E4	M306	-	: BODY GROUND				
F4	M308	-	: FUSE AND FUSIBLE LINK BLOCK 2				
F3	M309	B/4	: To M17				
E1	M310	-	: SUB BATTERY RELAY				
D1	M321	B/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (BODY)				
D1	M322	B/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (BODY)				
D1	M323	B/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (BODY)				
D1	M324	B/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (BODY)				
C2	M325	B/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (BODY)				
A2	M326	G/2	: CAN POTENTIAL DISTRIBUTOR ELECTRICAL CONNECTOR (POWERTRAIN)				
F4	M352	-	: JOINT CONNECTOR-M01				
F4	M353	-	: JOINT CONNECTOR-M02				

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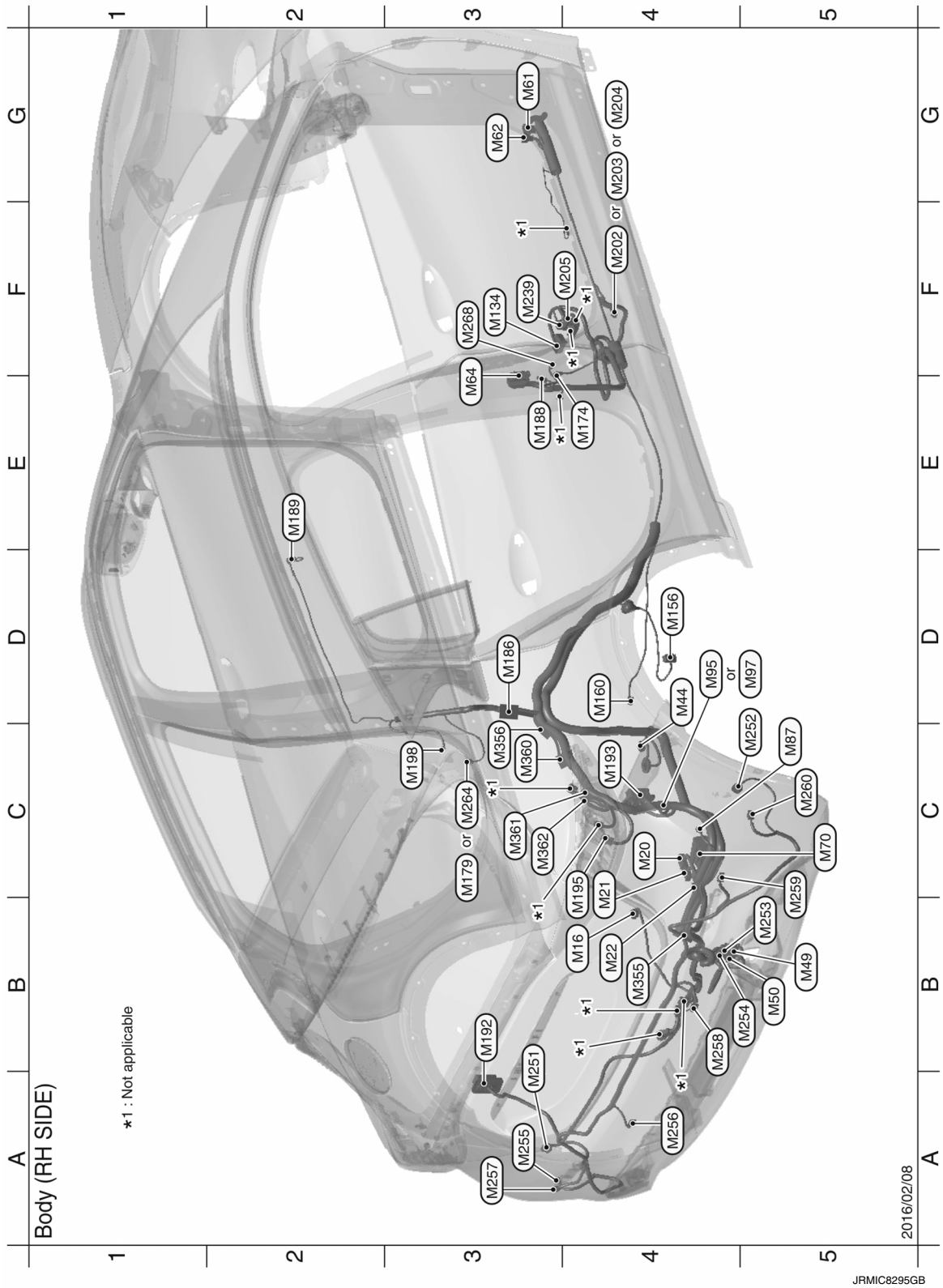

*1 : Not applicable
Body (LH SIDE)
M212
M151
M194
M135
or
M136
M213
M149
*1
*1
*1
M48
M182
M92
or
M93
or
M94
M221
M187
M197
M8
M85
or
M86
M29
M159
M178
or
M263
M170
M153
M155
M154
M177
M63
M225
*1
*1
M206
M201
*1
*1
M199 or M200 or M201
M59
M60
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E4 M8 W/40 : AROUND VIEW MONITOR CONTROL UNIT
E4 M29 B/3 : FUEL FILLER LID LOCK ASSEMBLY
E5 M48 B/12 : AWD CONTROL UNIT
A3 M59 /16 : To D32
A3 M60 B/4 : To D33
C3 M63 B/27 : To D106
E2 M85 - : BODY GROUND
E2 M86 - : BODY GROUND
E5 M92 - : BODY GROUND
E5 M93 - : BODY GROUND
E5 M94 - : BODY GROUND
F3 M135 B/8 : FUEL PUMP CONTROL MODULE
F3 M136 L/12 : FUEL PUMP CONTROL MODULE
F4 M149 W/28 : INTELLIGENT KEY UNIT
F4 M151 B/2 : REAR INSIDE KEY ANTENNA
D3 M153 Y/2 : REAR SEAT BELT BUCKLE SWITCH (LH)
C3 M154 B/2 : B-PILLAR SATELLITE SENSOR LH
D2 M155 B/2 : CURTAIN AIR BAG MODULE LH
E4 M159 B/3 : AMBIENT LAMP (REAR SEAT LH)
D3 M170 W/3 : LUGGAGE ROOM POWER SOCKET
C4 M177 B/2 : FRONT SEAT BELT PRE-TENSIONER LH
D3 M178 B/2 : REAR SEAT BELT PRE-TENSIONER LH
E3 M182 LB/2 : REAR SEAT BELT BUCKLE SWITCH (CENTER)
E4 M187 Y/2 : REAR SEAT BELT BUCKLE SWITCH (RH)
F4 M194 W/6 : REAR COMBINATION LAMP LH (BODY SIDE)
E3 M197 BR/2 : REAR PILLAR SQUAWKER LH
A4 M199 - : BODY GROUND
B4 M200 - : BODY GROUND
B4 M201 - : BODY GROUND
B4 M206 Y/14 : To -

F3 M212 Y/3 : To M245
F3 M213 W/14 : To M244
E3 M221 B/2 : LUGGAGE ROOM LAMP
B3 M225 B/31 : To M614
D3 M263 Y/2 : REAR SEAT BELT PRE-TENSIONER LH

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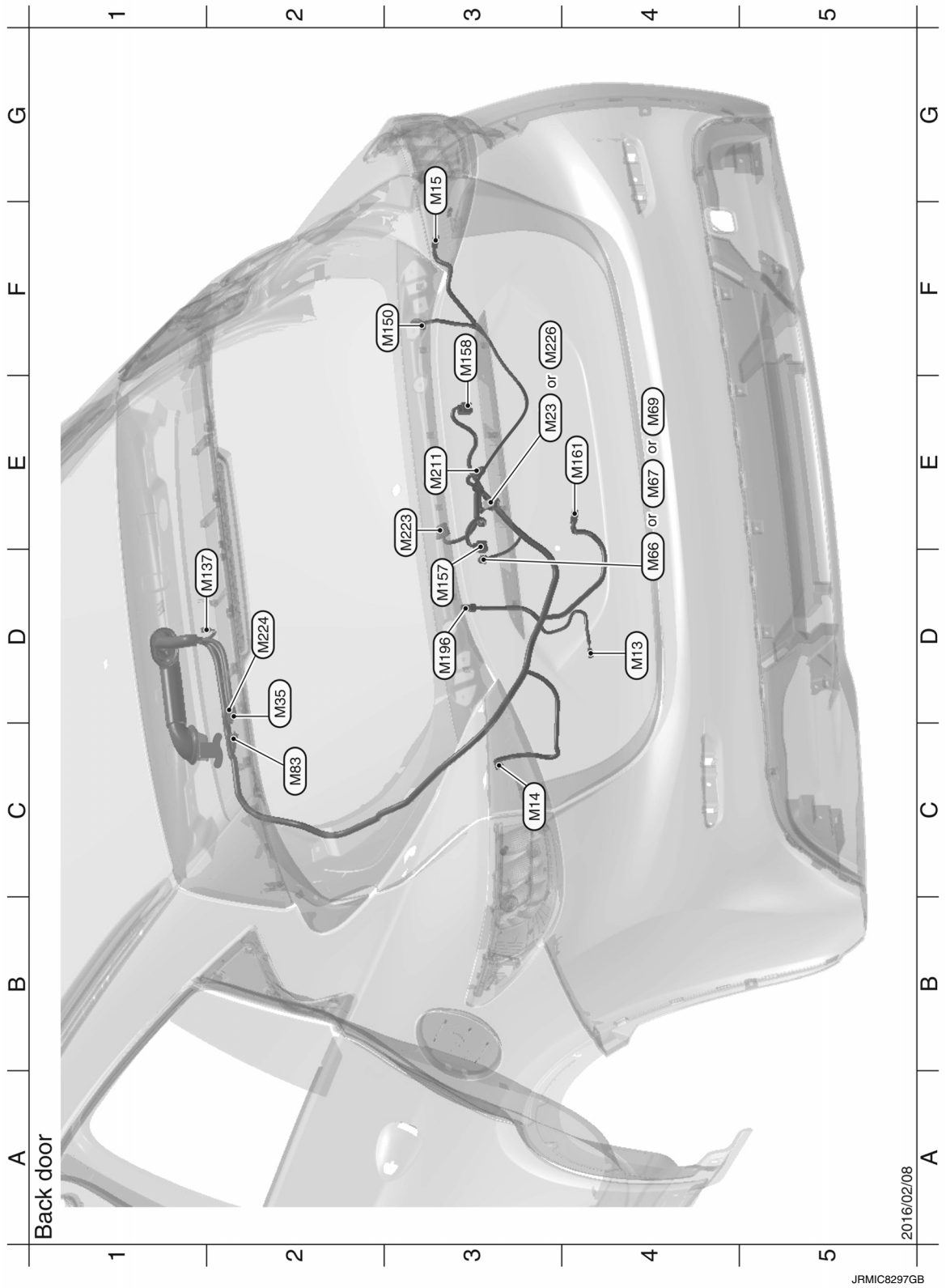
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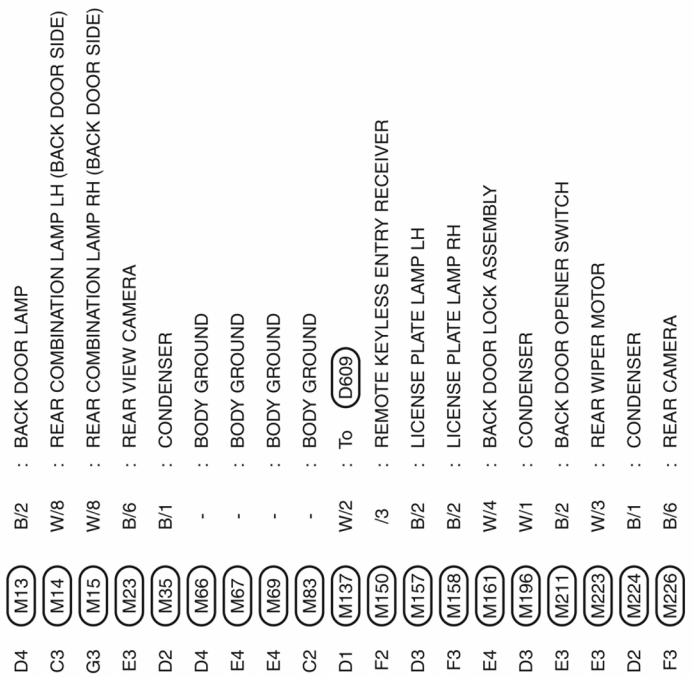

Body (RH SIDE)
*1 : Not applicable
M61
M62
M204
or
M203
or
M202
*1
M205
M239
M134
M268
M64
M188
M174
M189
M156
M186
M160
M44
M95
or
M97
M252
M87
M260
M70
M259
M253
M49
M50
M254
M258
M256
M257
M255
M251
M192
M198
M356
M360
M193
M264
M361
M362
M179
M20
M195
M21
M16
M22
M355
2016/02/08
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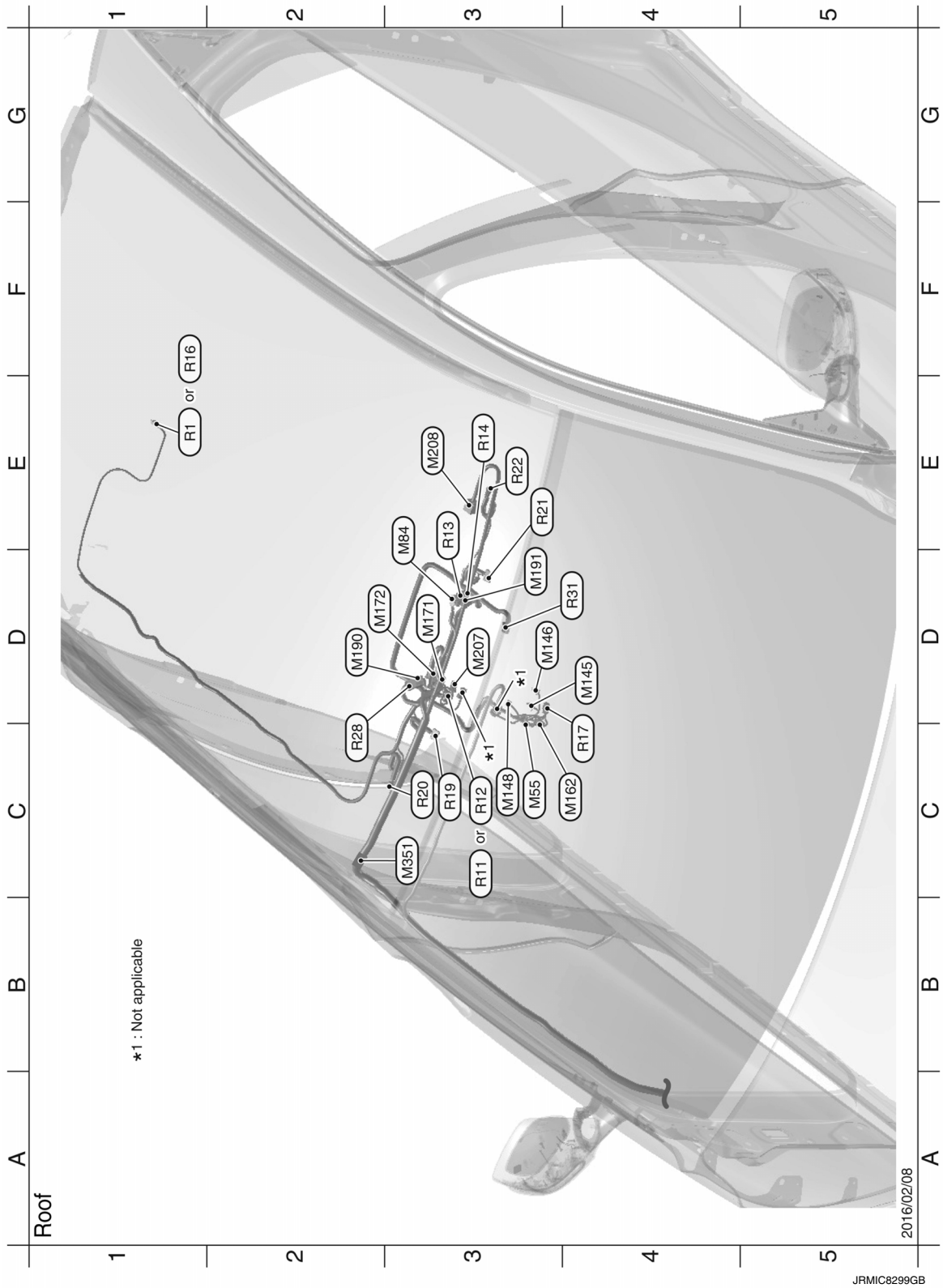
B4	M16	GY/4	: WOOFER		
C4	M20	BR/14	: BOSE AMP.		
C4	M21	BR/23	: BOSE AMP.		
B4	M22	W/40	: BOSE AMP.		
D4	M44	B/4	: LOW TIRE PRESSURE WARNING CONTROL UNIT		
B5	M49	B/4	: To M253		
B5	M50	B/8	: To M254		
G3	M61	/16	: To D82		
G3	M62	B/4	: To D83		
E3	M64	B/27	: To D126		
C5	M70	B/30	: ELECTRIC PARKING BRAKE CONTROL MODULE		
C5	M87	-	: BODY GROUND		
D4	M95	-	: BODY GROUND		
D5	M97	-	: BODY GROUND		
F3	M134	B/31	: To M617		
D4	M156	B/6	: REAR HEIGHT SENSOR		
D4	M160	B/3	: AMBIENT LAMP (REAR SEAT RH)		
E4	M174	B/2	: FRONT SEAT BELT PRE-TENSIONER RH		
C3	M179	B/2	: REAR SEAT BELT PRE-TENSIONER RH		
D3	M186	BR/2	: RESISTOR1		
E3	M188	B/2	: B-PILLAR SATELLITE SENSOR RH		
E2	M189	B/2	: CURTAIN AIR BAG MODULE RH		
B3	M192	W/12	: To M605		
C4	M193	W/12	: To M606		
C4	M195	W/6	: REAR COMBINATION LAMP RH (BODY SIDE)		
C3	M198	BR/2	: REAR PILLAR SQUAWKER RH		
F4	M202	-	: BODY GROUND		
G4	M203	-	: BODY GROUND		
G4	M204	-	: BODY GROUND		
F3	M205	Y/14	: To M590		
F3	M239	W/4	: To M706		
B3	M251	-	: SIDE RADAR LH		
C5	M252	-	: SIDE RADAR RH		
B5	M253	B/4	: To M49		
B5	M254	W/4	: To M50		
A3	M255	B/3	: SIDE SENSOR REAR LH		
A4	M256	B/3	: CENTER SENSOR REAR LH		
A3	M257	B/3	: CORNER SENSOR REAR LH		
B4	M258	B/3	: CENTER SENSOR REAR RH		
C5	M259	B/3	: CORNER SENSOR REAR RH		
C5	M260	B/3	: SIDE SENSOR REAR RH		
C3	M264	Y/2	: REAR SEAT BELT PRE-TENSIONER RH		
F3	M268	G/2	: FRONT PASSENGER BELT FORCE LIMITER		
B4	M355	-	: JOINT CONNECTOR-M05		
C3	M356	-	: JOINT CONNECTOR-M06		
C3	M360	-	: JOINT CONNECTOR-M11		
C3	M361	-	: JOINT CONNECTOR-M12		
C3	M362	-	: JOINT CONNECTOR-M13		

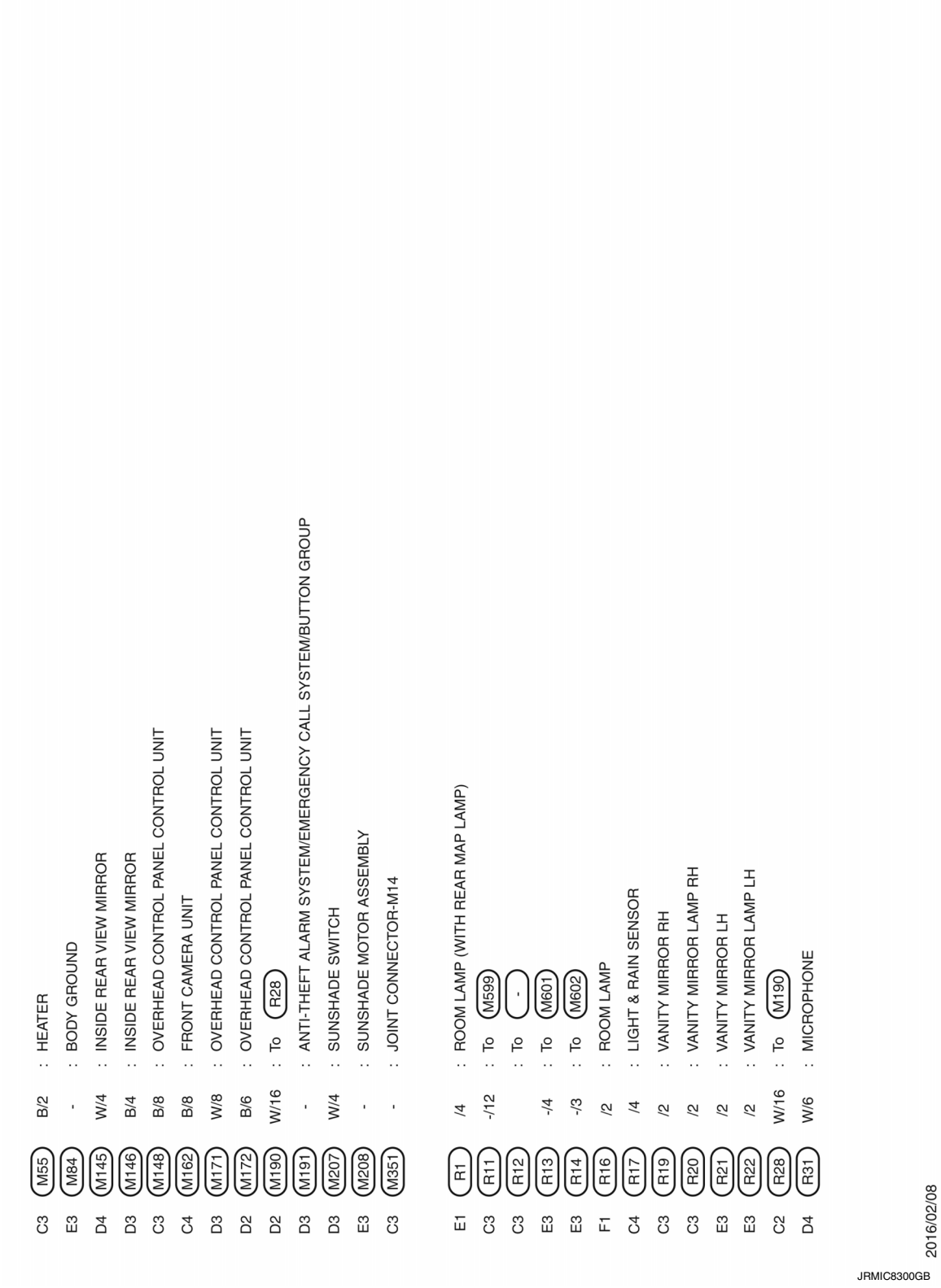
2016/02/08

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Back door
M15
M150
M158
M226
or
M23
M69
M211
M161
M67
or
M223
M66
M157
M137
M224
M196
M13
M35
M83
M14
2016/02/08
JRMIC8297GB


D4 M13 B/2 : BACK DOOR LAMP
C3 M14 W/8 : REAR COMBINATION LAMP LH (BACK DOOR SIDE)
G3 M15 W/8 : REAR COMBINATION LAMP RH (BACK DOOR SIDE)
E3 M23 B/6 : REAR VIEW CAMERA
D2 M35 B/1 : CONDENSER
D4 M66 - : BODY GROUND
E4 M67 - : BODY GROUND
E4 M69 - : BODY GROUND
C2 M83 - : BODY GROUND
D1 M137 W/2 : To D609
F2 M150 /3 : REMOTE KEYLESS ENTRY RECEIVER
D3 M157 B/2 : LICENSE PLATE LAMP LH
F3 M158 B/2 : LICENSE PLATE LAMP RH
E4 M161 W/4 : BACK DOOR LOCK ASSEMBLY
D3 M196 W/1 : CONDENSER
E3 M211 B/2 : BACK DOOR OPENER SWITCH
E3 M223 W/3 : REAR WIPER MOTOR
D2 M224 B/1 : CONDENSER
F3 M226 B/6 : REAR CAMERA
2016/02/08
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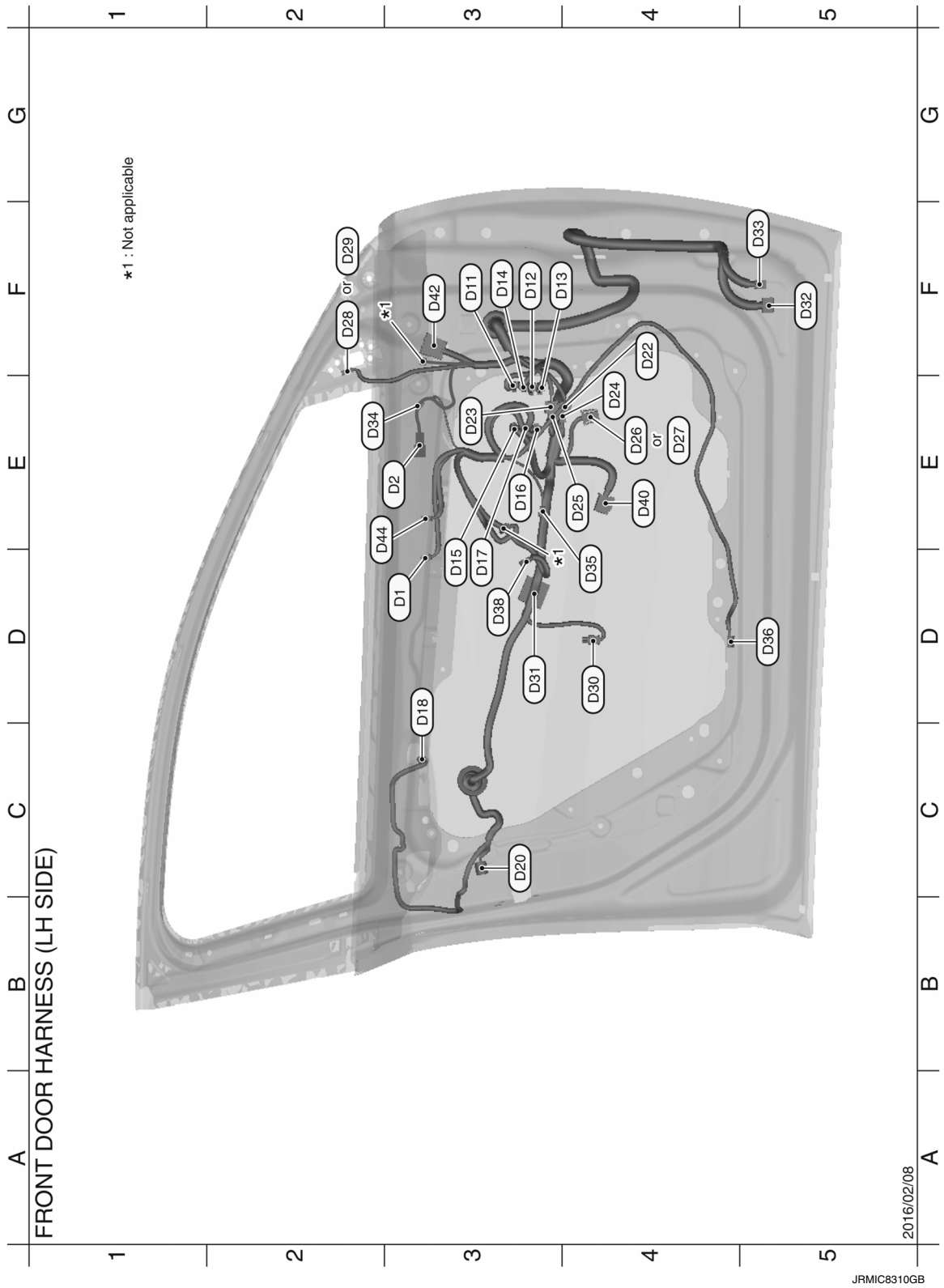

Roof
R1
or
R16
M208
R14
R22
R21
M84
R13
M191
M172
M171
R31
M190
M207
M146
*1
M145
R28
*1
R17
R20
R19
R12
M148
M55
M162
or
M351
R11
*1 : Not applicable
2016/02/08
JRMIC8299GB

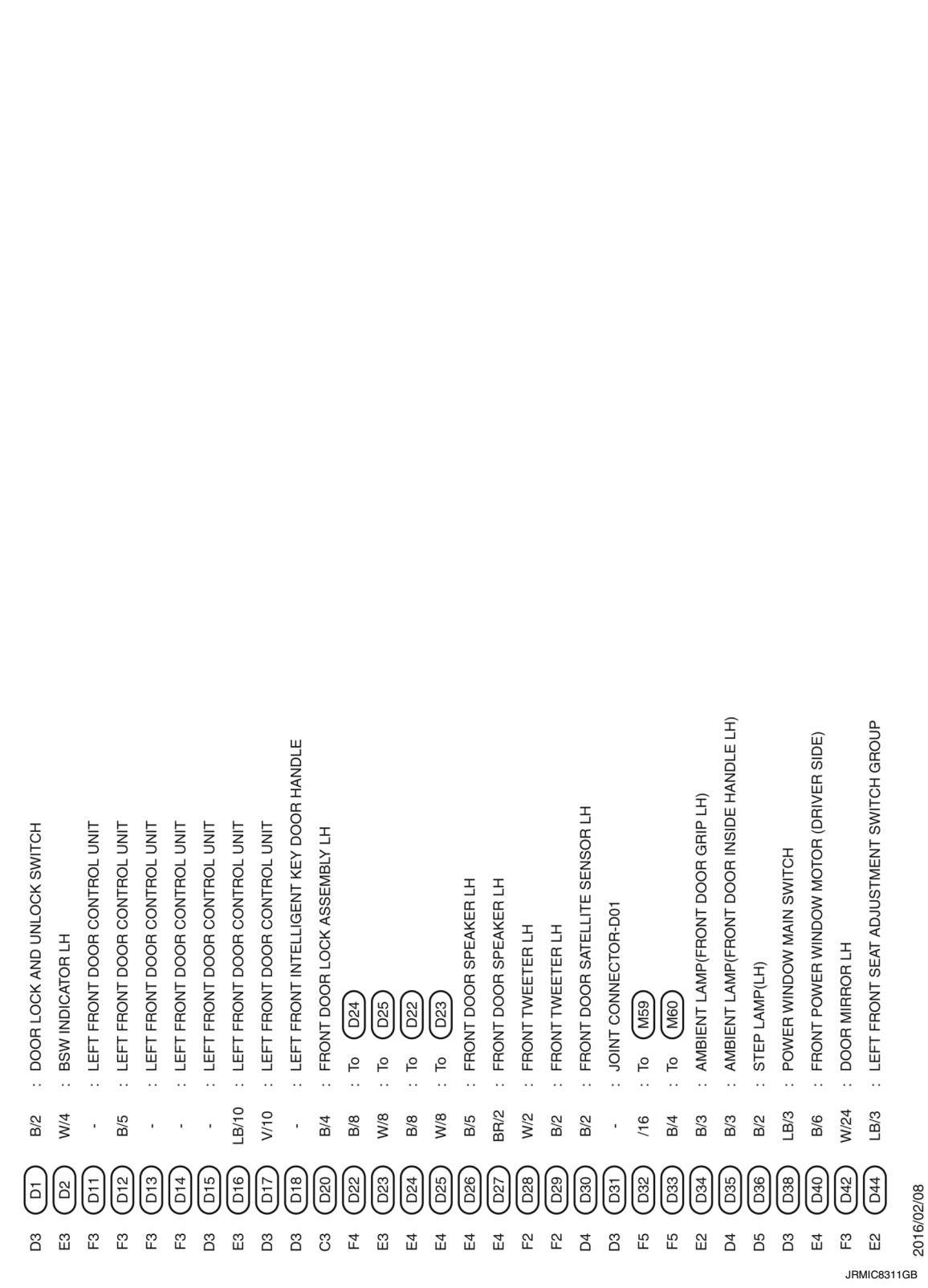

C3 M55 B/2 : HEATER
E3 M84 - : BODY GROUND
D4 M145 W/4 : INSIDE REAR VIEW MIRROR
D3 M146 B/4 : INSIDE REAR VIEW MIRROR
C3 M148 B/8 : OVERHEAD CONTROL PANEL CONTROL UNIT
C4 M162 B/8 : FRONT CAMERA UNIT
D3 M171 W/8 : OVERHEAD CONTROL PANEL CONTROL UNIT
D2 M172 B/6 : OVERHEAD CONTROL PANEL CONTROL UNIT
D2 M190 W/16 : To R28
D3 M191 - : ANTI-THEFT ALARM SYSTEM/EMERGENCY CALL SYSTEM/BUTTON GROUP
D3 M207 W/4 : SUNSHADE SWITCH
E3 M208 - : SUNSHADE MOTOR ASSEMBLY
C3 M351 - : JOINT CONNECTOR-M14
E1 R1 /4 : ROOM LAMP (WITH REAR MAP LAMP)
C3 R11 -/12 : To M599
C3 R12 : To -
E3 R13 -/4 : To M601
E3 R14 -/3 : To M602
F1 R16 /2 : ROOM LAMP
C4 R17 /4 : LIGHT & RAIN SENSOR
C3 R19 /2 : VANITY MIRROR RH
C3 R20 /2 : VANITY MIRROR LAMP RH
E3 R21 /2 : VANITY MIRROR LH
E3 R22 /2 : VANITY MIRROR LAMP LH
C2 R28 W/16 : To M190
D4 R31 W/6 : MICROPHONE
2016/02/08
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Door Harness

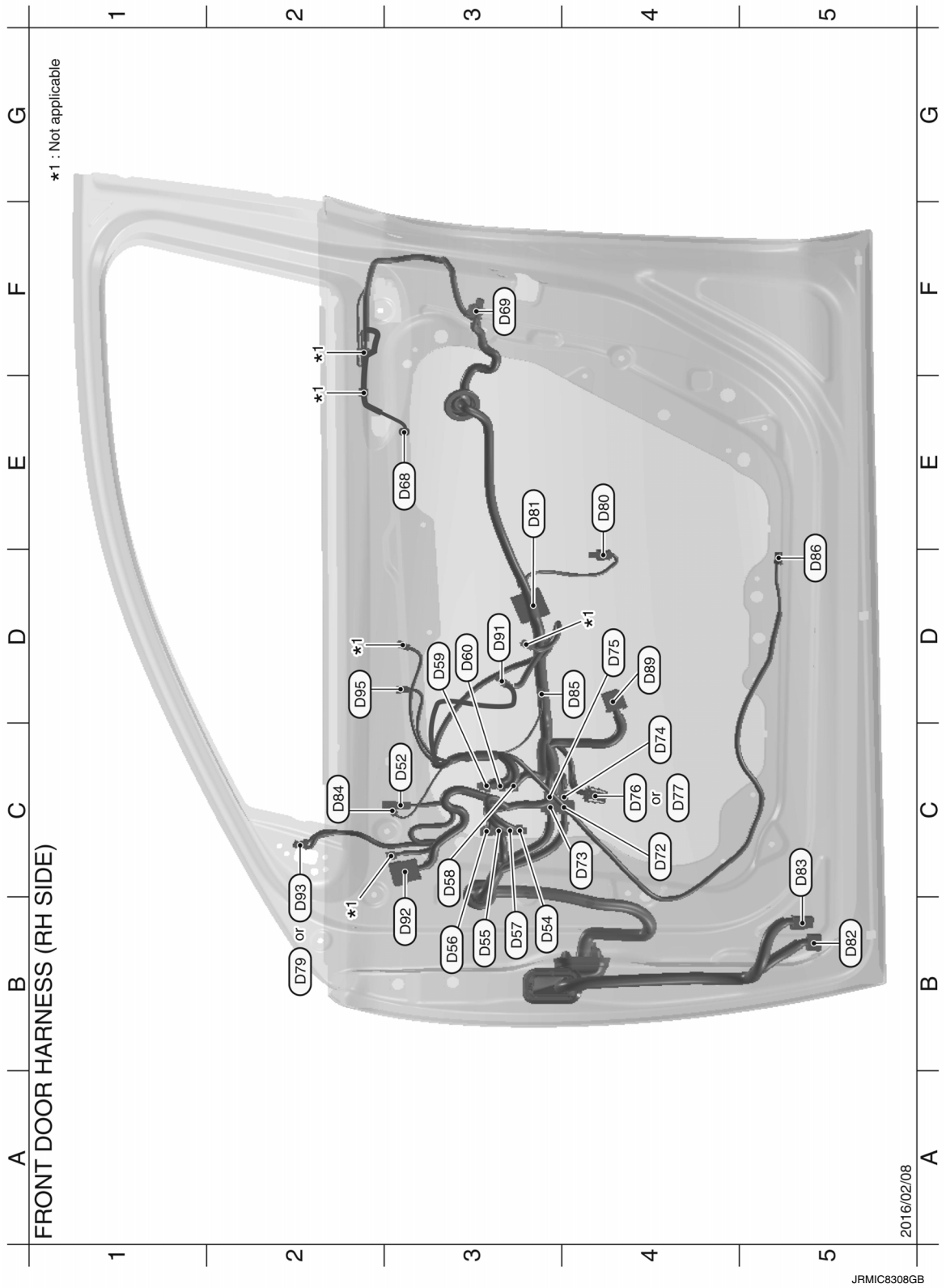
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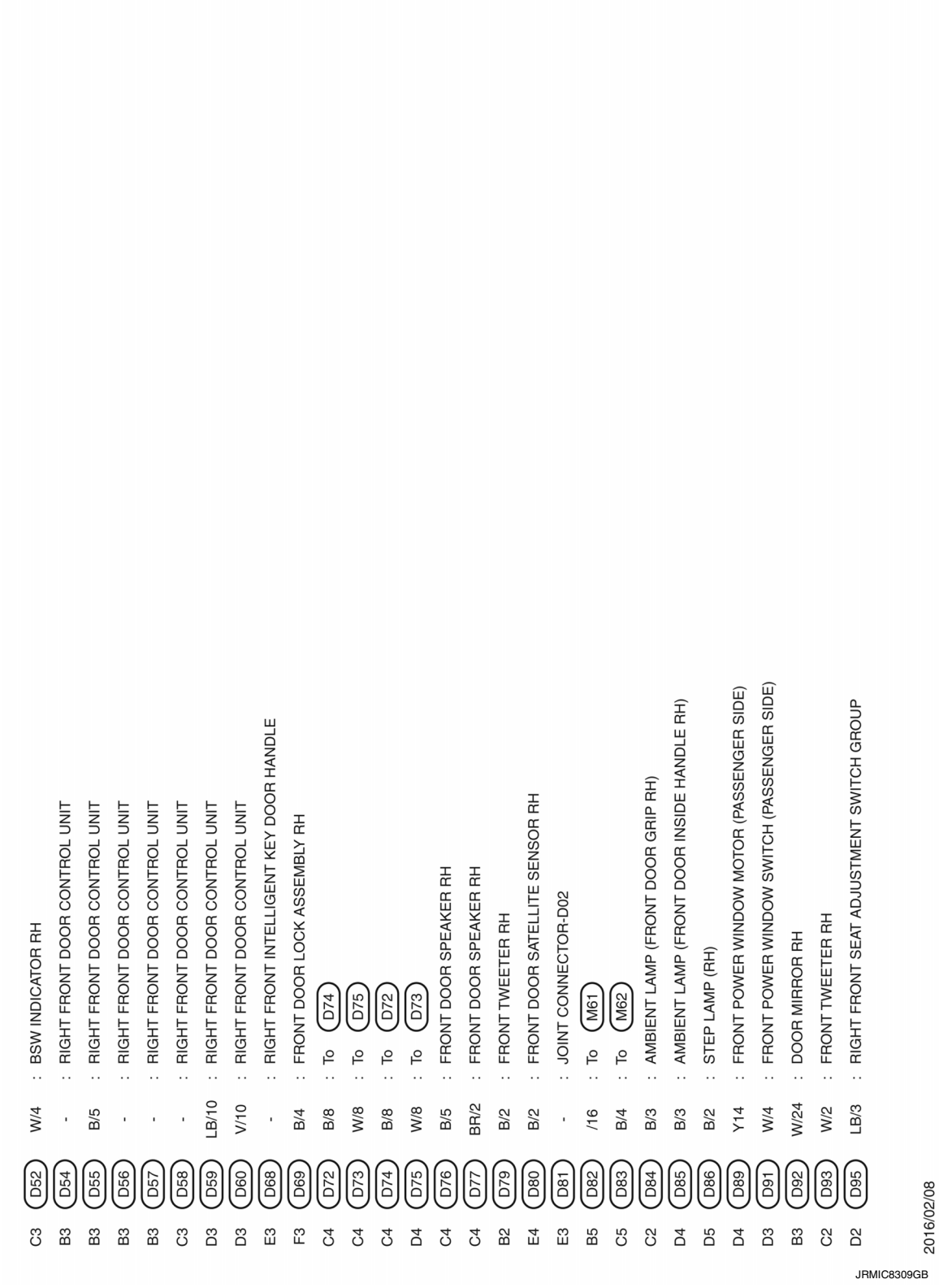
FRONT DOOR HARNESS (LH SIDE)



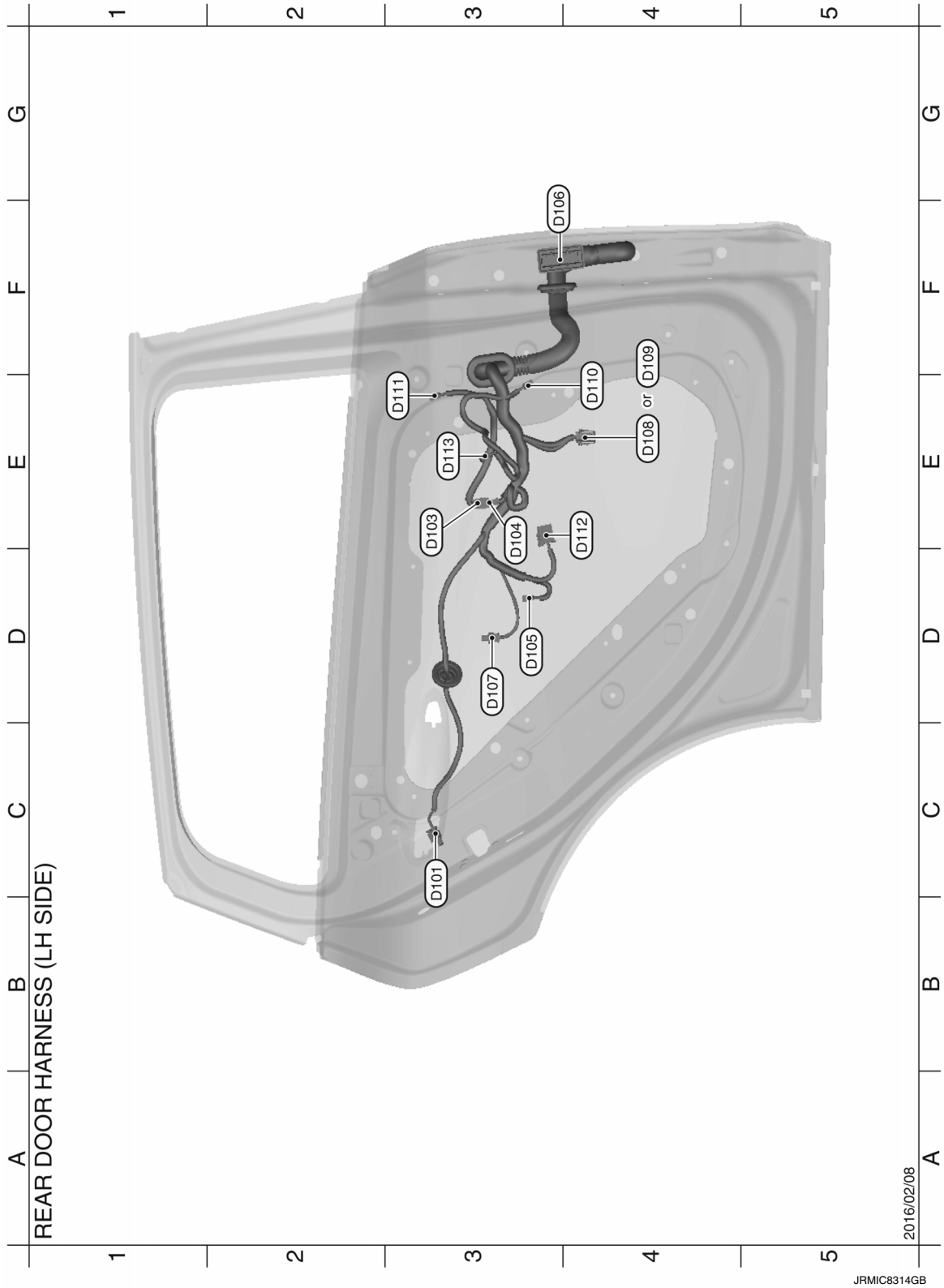

D3 D1 B/2 : DOOR LOCK AND UNLOCK SWITCH
E3 D2 W/4 : BSW INDICATOR LH
F3 D11 - : LEFT FRONT DOOR CONTROL UNIT
F3 D12 B/5 : LEFT FRONT DOOR CONTROL UNIT
F3 D13 - : LEFT FRONT DOOR CONTROL UNIT
F3 D14 - : LEFT FRONT DOOR CONTROL UNIT
D3 D15 - : LEFT FRONT DOOR CONTROL UNIT
E3 D16 LB/10 : LEFT FRONT DOOR CONTROL UNIT
D3 D17 V/10 : LEFT FRONT DOOR CONTROL UNIT
D3 D18 - : LEFT FRONT INTELLIGENT KEY DOOR HANDLE
C3 D20 B/4 : FRONT DOOR LOCK ASSEMBLY LH
F4 D22 B/8 : To D24
E3 D23 W/8 : To D25
E4 D24 B/8 : To D22
E4 D25 W/8 : To D23
E4 D26 B/5 : FRONT DOOR SPEAKER LH
E4 D27 BR/2 : FRONT DOOR SPEAKER LH
F2 D28 W/2 : FRONT TWEETER LH
F2 D29 B/2 : FRONT TWEETER LH
D4 D30 B/2 : FRONT DOOR SATELLITE SENSOR LH
D3 D31 - : JOINT CONNECTOR-D01
F5 D32 /16 : To M59
F5 D33 B/4 : To M60
E2 D34 B/3 : AMBIENT LAMP(FRONT DOOR GRIP LH)
D4 D35 B/3 : AMBIENT LAMP(FRONT DOOR INSIDE HANDLE LH)
D5 D36 B/2 : STEP LAMP(LH)
D3 D38 LB/3 : POWER WINDOW MAIN SWITCH
E4 D40 B/6 : FRONT POWER WINDOW MOTOR (DRIVER SIDE)
F3 D42 W/24 : DOOR MIRROR LH
E2 D44 LB/3 : LEFT FRONT SEAT ADJUSTMENT SWITCH GROUP
2016/02/08
JRMIC8311GB

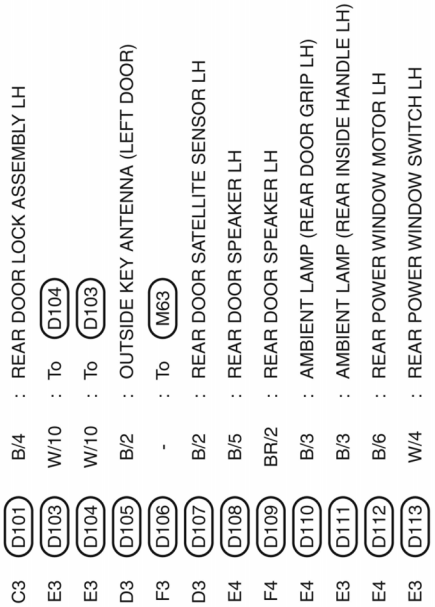
FRONT DOOR HARNESS (RH SIDE)



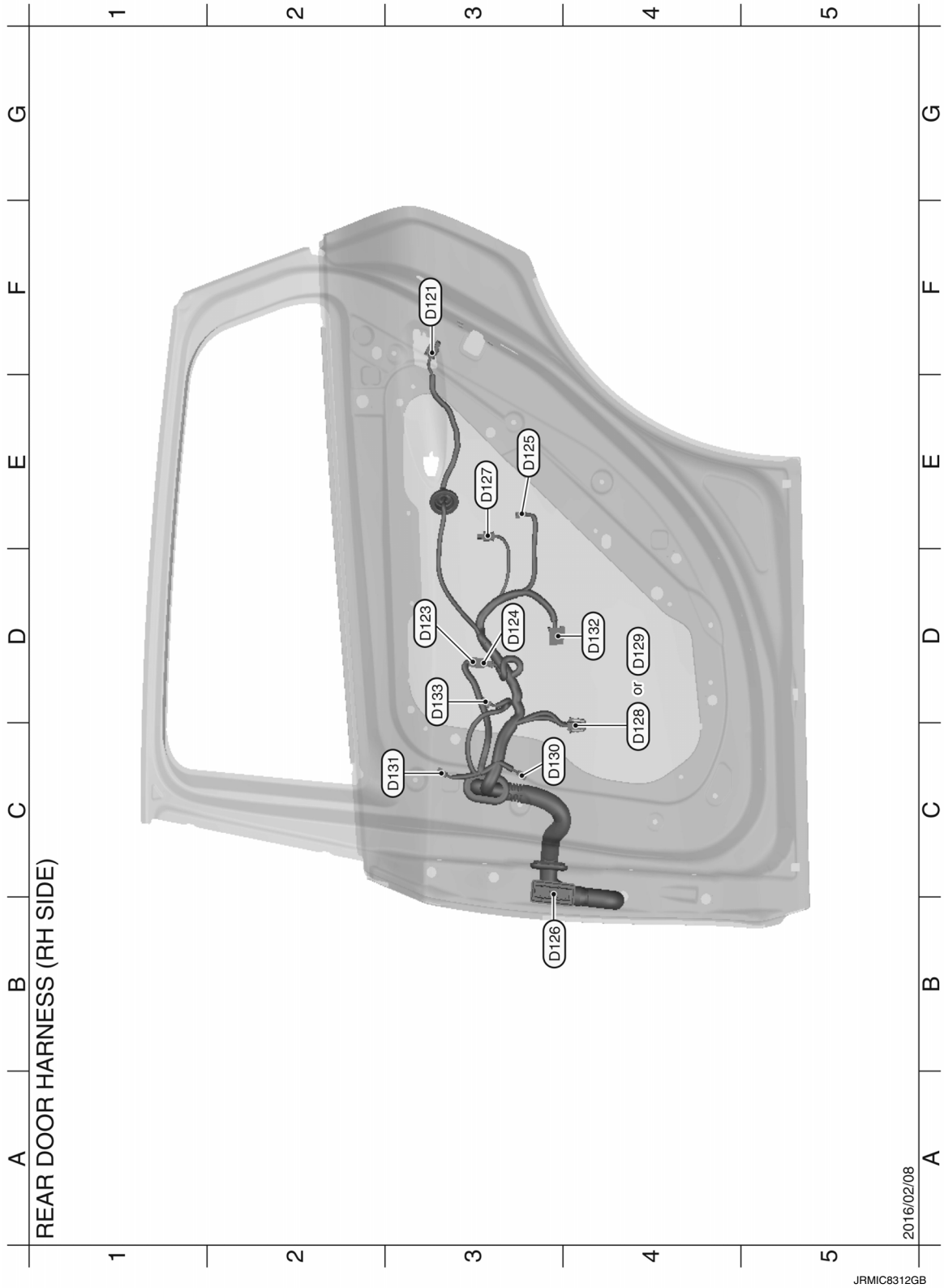

C3 D52 W/4 : BSW INDICATOR RH
B3 D54 - : RIGHT FRONT DOOR CONTROL UNIT
B3 D55 B/5 : RIGHT FRONT DOOR CONTROL UNIT
B3 D56 - : RIGHT FRONT DOOR CONTROL UNIT
B3 D57 - : RIGHT FRONT DOOR CONTROL UNIT
C3 D58 - : RIGHT FRONT DOOR CONTROL UNIT
D3 D59 LB/10 : RIGHT FRONT DOOR CONTROL UNIT
D3 D60 V/10 : RIGHT FRONT DOOR CONTROL UNIT
E3 D68 - : RIGHT FRONT INTELLIGENT KEY DOOR HANDLE
F3 D69 B/4 : FRONT DOOR LOCK ASSEMBLY RH
C4 D72 B/8 : To D74
C4 D73 W/8 : To D75
C4 D74 B/8 : To D72
D4 D75 W/8 : To D73
C4 D76 B/5 : FRONT DOOR SPEAKER RH
C4 D77 BR/2 : FRONT DOOR SPEAKER RH
B2 D79 B/2 : FRONT TWEETER RH
E4 D80 B/2 : FRONT DOOR SATELLITE SENSOR RH
E3 D81 - : JOINT CONNECTOR-D02
B5 D82 /16 : To M61
C5 D83 B/4 : To M62
C2 D84 B/3 : AMBIENT LAMP (FRONT DOOR GRIP RH)
D4 D85 B/3 : AMBIENT LAMP (FRONT DOOR INSIDE HANDLE RH)
D5 D86 B/2 : STEP LAMP (RH)
D4 D89 Y14 : FRONT POWER WINDOW MOTOR (PASSENGER SIDE)
D3 D91 W/4 : FRONT POWER WINDOW SWITCH (PASSENGER SIDE)
B3 D92 W/24 : DOOR MIRROR RH
C2 D93 W/2 : FRONT TWEETER RH
D2 D95 LB/3 : RIGHT FRONT SEAT ADJUSTMENT SWITCH GROUP
2016/02/08
JRMIC8309GB

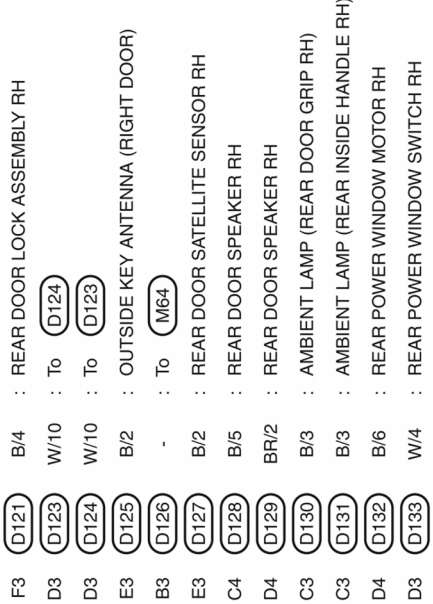
REAR DOOR HARNESS (LH SIDE)




C3 D101 B/4 : REAR DOOR LOCK ASSEMBLY LH
E3 D103 W/10 : To D104
E3 D104 W/10 : To D103
D3 D105 B/2 : OUTSIDE KEY ANTENNA (LEFT DOOR)
F3 D106 - : To M63
D3 D107 B/2 : REAR DOOR SATELLITE SENSOR LH
E4 D108 B/5 : REAR DOOR SPEAKER LH
F4 D109 BR/2 : REAR DOOR SPEAKER LH
E4 D110 B/3 : AMBIENT LAMP (REAR DOOR GRIP LH)
E3 D111 B/3 : AMBIENT LAMP (REAR INSIDE HANDLE LH)
E4 D112 B/6 : REAR POWER WINDOW MOTOR LH
E3 D113 W/4 : REAR POWER WINDOW SWITCH LH
2016/02/08
JRMIC8315GB

REAR DOOR HARNESS (RH SIDE)




F3 D121 B/4 : REAR DOOR LOCK ASSEMBLY RH
D3 D123 W/10 : To D124
D3 D124 W/10 : To D123
E3 D125 B/2 : OUTSIDE KEY ANTENNA (RIGHT DOOR)
B3 D126 - : To M64
E3 D127 B/2 : REAR DOOR SATELLITE SENSOR RH
C4 D128 B/5 : REAR DOOR SPEAKER RH
D4 D129 BR/2 : REAR DOOR SPEAKER RH
C3 D130 B/3 : AMBIENT LAMP (REAR DOOR GRIP RH)
C3 D131 B/3 : AMBIENT LAMP (REAR INSIDE HANDLE RH)
D4 D132 B/6 : REAR POWER WINDOW MOTOR RH
D3 D133 W/4 : REAR POWER WINDOW SWITCH RH
2016/02/08
JRMIC8313GB

BASIC INSPECTION

BATTERY INSPECTION

MAIN BATTERY

MAIN BATTERY : How to Handle Battery

INFOID:0000000013767894

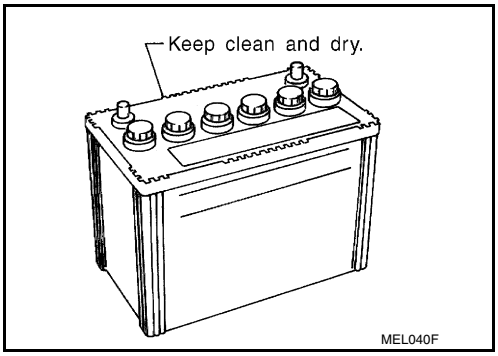
CAUTION:

- **If it becomes necessary to start the engine with a booster battery and jumper cables, use a 12-volt booster battery.**
- **After connecting battery cables, ensure that they are tightly clamped to battery terminals for good contact.**

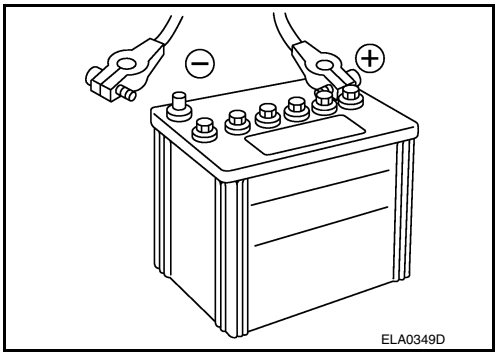
METHODS OF PREVENTING OVER-DISCHARGE

The following precautions must be taken to prevent over-discharging a battery.

- The battery surface (particularly its top) should always be kept clean and dry.
- The terminal connections should be clean and tight.
- At every routine maintenance, check the electrolyte level. This also applies to batteries designated as “low maintenance” and “maintenance-free”.



- When the vehicle is not going to be used over a long period of time, disconnect the battery cable from the negative terminal. (If the vehicle has an extended storage fuse switch, turn it off.)



MAIN BATTERY : Work Procedure

INFOID:0000000013767895

BATTERY DIAGNOSIS WITH EXP-800 NI OR GR8-1200 NI

To diagnose and confirm the condition of the battery, use the following special service tools:

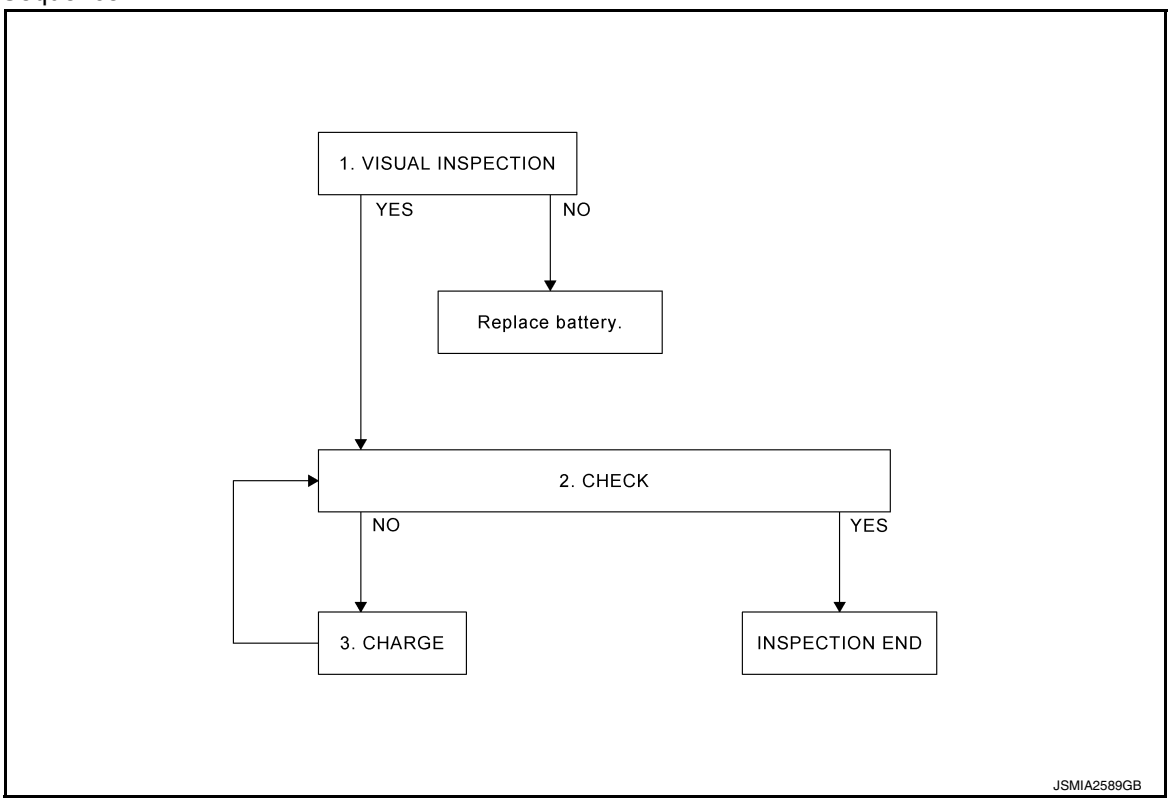
- EXP-800 NI Battery and electrical diagnostic analyzer
- GR8-1200 NI Multitasking battery and electrical diagnostic station

NOTE:

Refer to the applicable instruction manual for proper battery diagnosis procedures.

BATTERY DIAGNOSIS WITHOUT EXP-800 NI OR GR8-1200 NI

Overall Sequence



Detailed Flow

1.VISUAL INSPECTION

1. Check battery case for cracks or bends.
2. Check battery terminals for damage.

Are these inspection results normal?

YES >> GO TO 2.
NO >> Replace the main battery.

2.CHECK

Check battery type and determine the cold cranking current using the table.

Type		Cold cranking current (A)
Main battery	L4	760

Is the inspection result normal?

YES >> INSPECTION END
NO >> GO TO 3.

3.CHARGE

Charge the main battery.

NOTE:

The main battery is sufficiently charged when the charging current reading is less than 25 A.

>> GO TO 2.

SUB BATTERY

SUB BATTERY : How to Handle Battery

INFOID:0000000013767896

CAUTION:

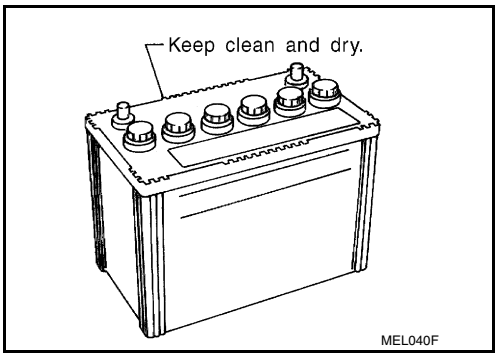
- **If it becomes necessary to start the engine with a booster battery and jumper cables, use a 12-volt booster battery.**

- **After connecting battery cables, ensure that they are tightly clamped to battery terminals for good contact.**

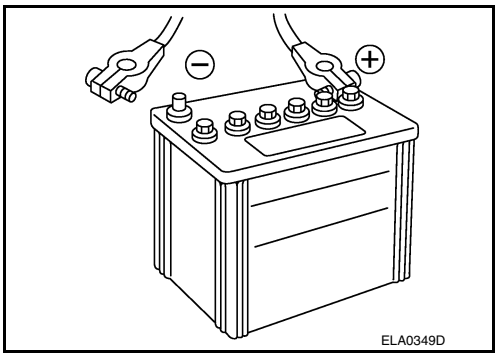
METHODS OF PREVENTING OVER-DISCHARGE

The following precautions must be taken to prevent over-discharging a battery.

- The battery surface (particularly its top) should always be kept clean and dry.
- The terminal connections should be clean and tight.
- At every routine maintenance, check the electrolyte level.
  This also applies to batteries designated as “low maintenance” and “maintenance-free”.



- When the vehicle is not going to be used over a long period of time, disconnect the battery cable from the negative terminal. (If the vehicle has an extended storage fuse switch, turn it off.)



SUB BATTERY : Work Procedure

INFOID:0000000013767897

BATTERY DIAGNOSIS WITH EXP-800 NI OR GR8-1200 NI

To diagnose and confirm the condition of the battery, use the following special service tools:

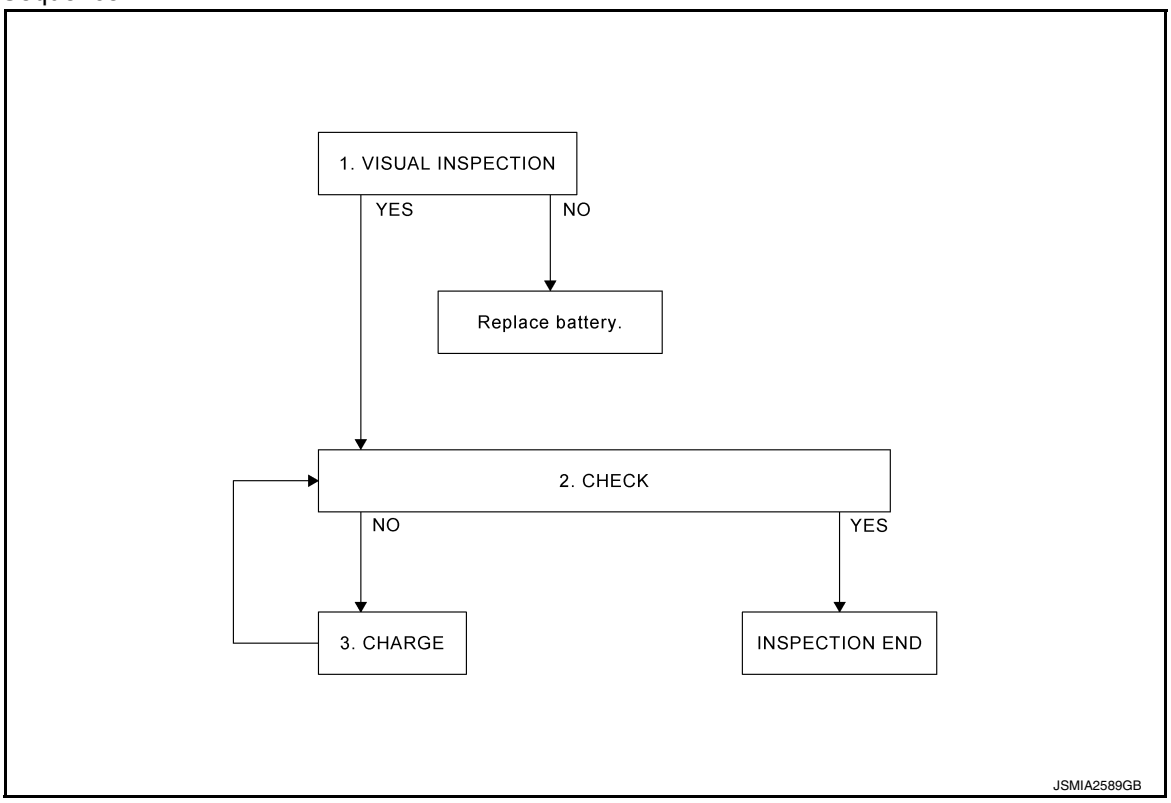
- EXP-800 NI Battery and electrical diagnostic analyzer
- GR8-1200 NI Multitasking battery and electrical diagnostic station

NOTE:

Refer to the applicable instruction manual for proper battery diagnosis procedures.

BATTERY DIAGNOSIS WITHOUT EXP-800 NI OR GR8-1200 NI

Overall Sequence



Detailed Flow

1.VISUAL INSPECTION

1. Check battery case for cracks or bends.
2. Check battery terminals for damage.

Are these inspection results normal?

YES >> GO TO 2.
NO >> Replace the sub battery.

2.CHECK

Determine the cold cranking current using the table.

Type		Cold cranking current (A)
Sub battery	GTX14-12B	170

Is the inspection result normal?

YES >> INSPECTION END
NO >> GO TO 3.

3.CHARGE

Charge the sub battery.

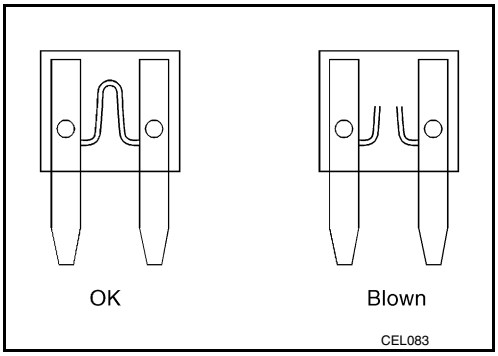
>> GO TO 2.

FUSE INSPECTION

How To Check

INFOID:0000000013767898

- If fuse is blown, be sure to eliminate cause of malfunction 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.

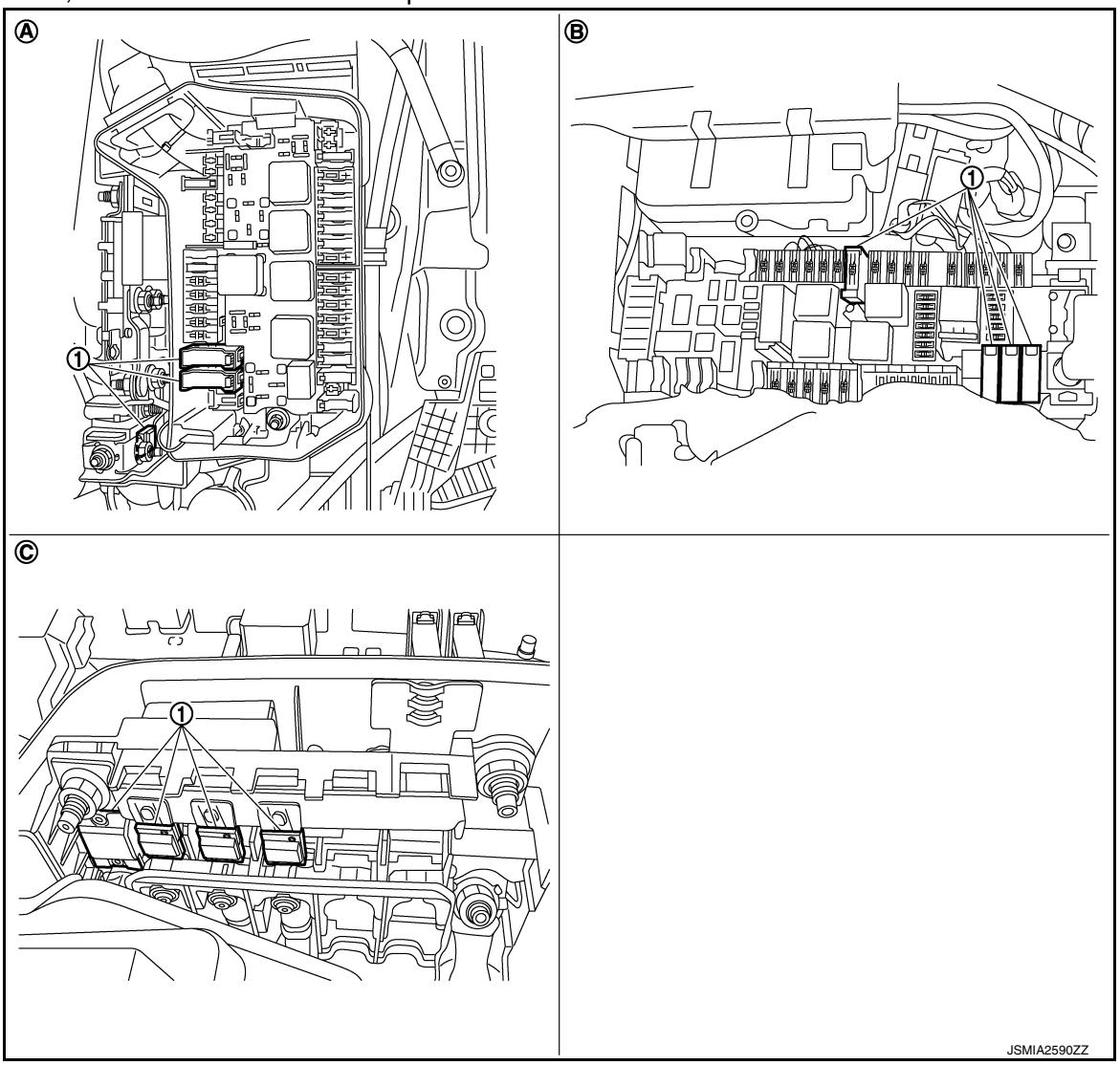


FUSIBLE LINK INSPECTION

How To Check

INFOID:0000000013767899

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.



① Fusible link

Ⓐ Engine room fuse box

Ⓑ Passenger room fuse box

Ⓒ Jump-starting connection point with fusible link

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 malfunction.**
- **Never wrap outside of fusible link with vinyl tape. Important: Never let fusible link touch any other wiring harness, vinyl or rubber parts.**

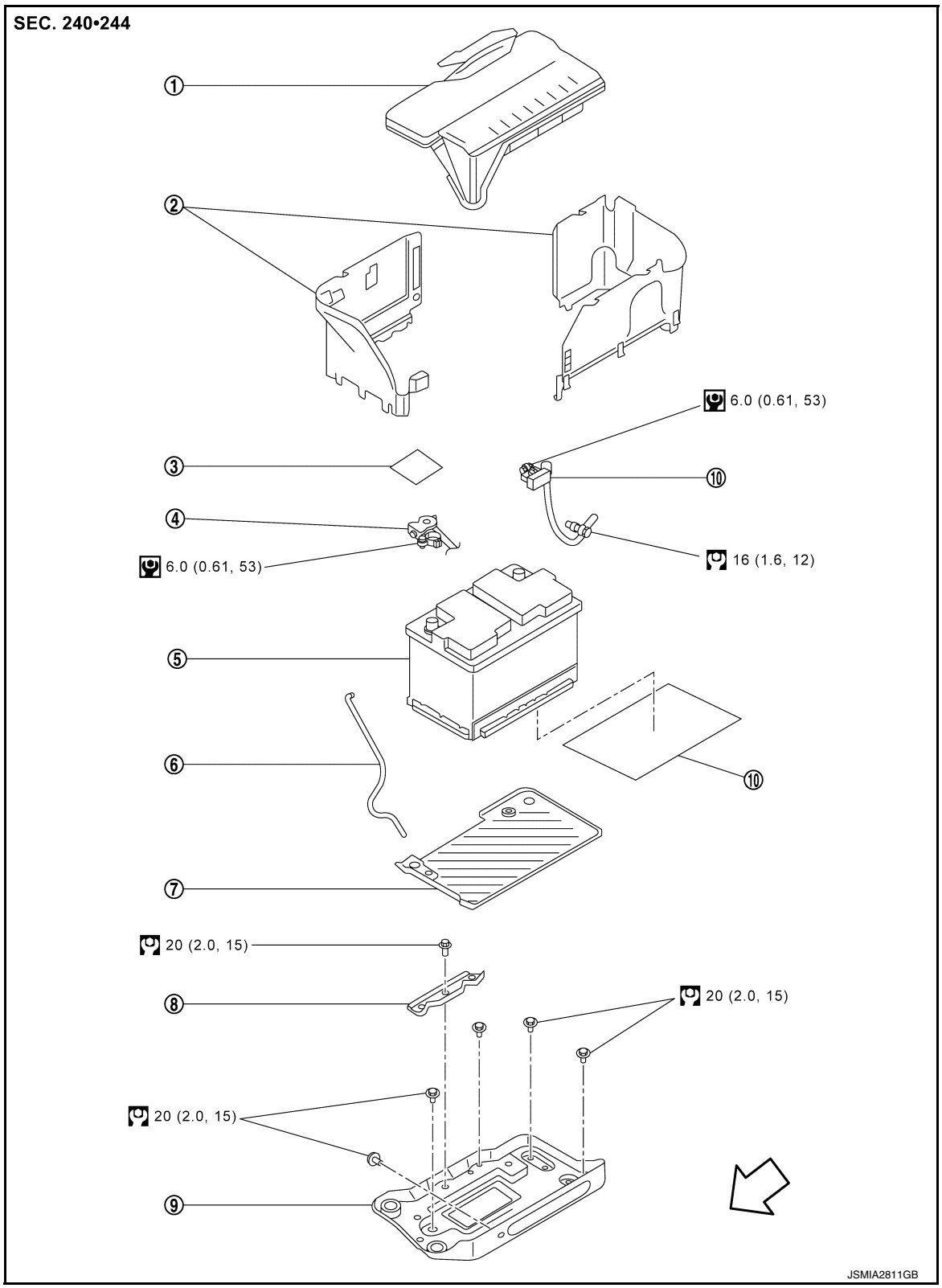
REMOVAL AND INSTALLATION

BATTERY

MAIN BATTERY

MAIN BATTERY : Exploded View

INFOID:0000000013767900



① Battery cover	② Battery trim	③ Battery positive terminal cover
④ Battery positive terminal (Built-in pyrofuse)	⑤ Battery	⑥ Vent hose
⑦ Battery tray liner	⑧ Bracket	⑨ Battery tray
⑩ Support plate	⑪ Battery sensor (Battery negative terminal)	

: N·m (kg-m, ft-lb)

: N·m (kg-m, in-lb)

: Vehicle front

MAIN BATTERY : Removal and Installation

INFOID:0000000013767901

WARNING:

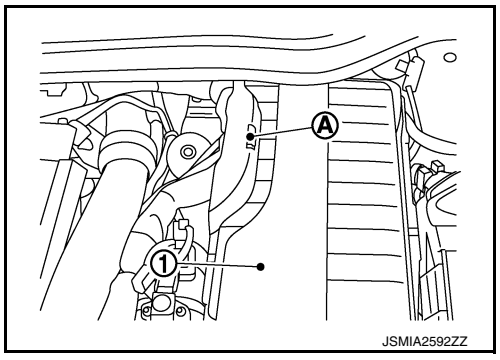
Risk of explosion from explosive gas. Risk of poisoning and caustic burns from swallowing battery electrolyte. Risk of injury through burns to skin and eyes from battery acid or when handling damaged lead-acid batteries.

CAUTION:

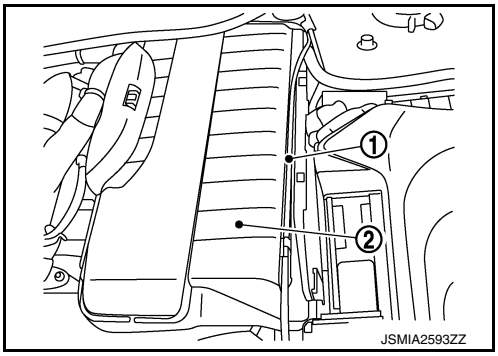
- **Do not store batteries over a longer period at a storage point with direct solar radiation.**
- **Discharged or defective batteries can freeze, therefore store free from frost.**
- **Avoid polarity reversal and short-circuits.**
- **Do not place any tools or other conducting objects on the battery (risk of short-circuit).**
- **Before removal and installation of batteries all switchable current consumers should be switched off, as well as the engine switched off so that inadvertent arcing is ruled out.**
- **Always detach the negative terminal first and always connect the positive terminal first.**
- **Only charge batteries with DC, 10% of the capacity is recommended as charging current for slow charging and 50% of the capacity recommended for fast charging.**
- **Only switch on the charger after connecting to the terminals and switch off before disconnecting.**
- **If the battery is to remain in the parked vehicle for an extended period, the negative terminal should be disconnected.**
- **If possible batteries should be kept clean and dry.**
- **The battery is leaktight and can therefore be installed in any position.**
- **The battery is maintenance free.**
- **The battery housing is encapsulated.**
- **When quick-charging, it is important to ensure that the housing of the battery does not heat up too much, otherwise damage can occur.**
- **Risk of injury due to fan starting unexpectedly.**

REMOVAL

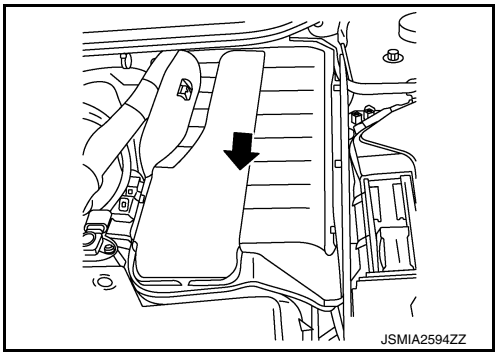
1. Remove the retaining clip Ⓐ of the engine wiring harness from the battery cover ①.



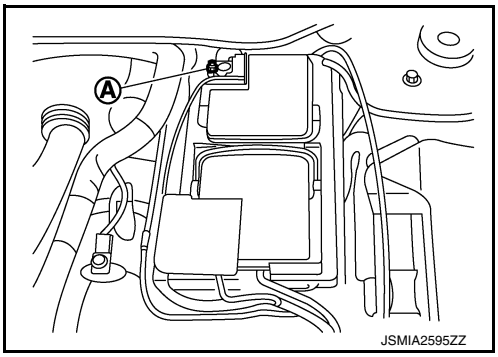
2. Remove the engine hood cable ① from the battery cover ②.



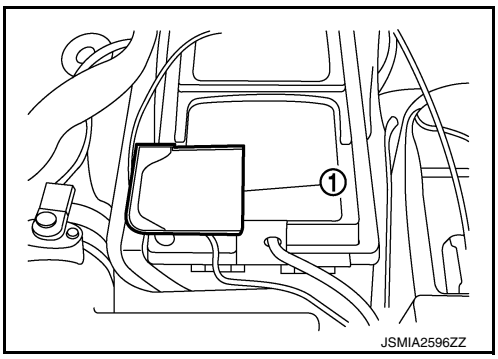
3. Unlock the battery cover in direction of arrow (⬅) and remove.



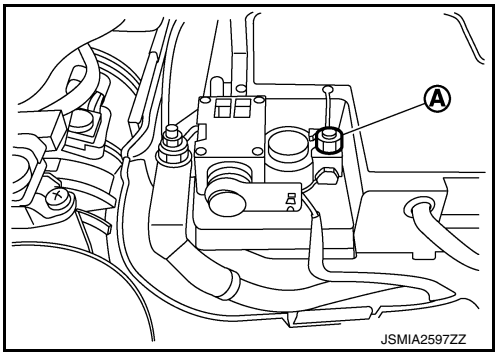
4. Loosen the nut Ⓐ and disconnect the negative battery terminal.



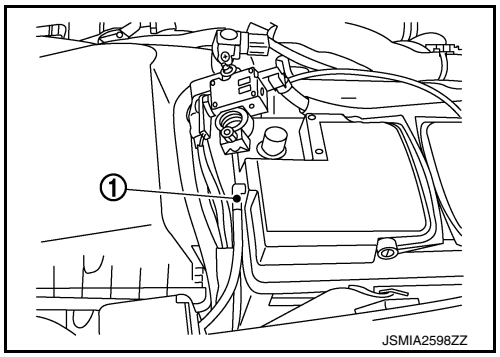
5. Remove the cover of the battery positive terminal ①.



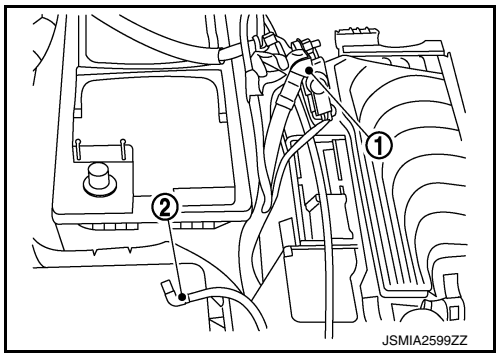
6. Loosen the nut Ⓐ and disconnect the positive battery terminal.



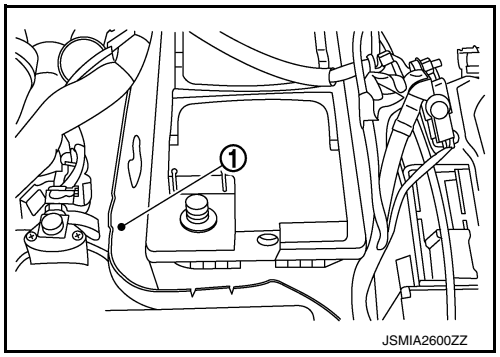
7. Remove the vent hose ①.



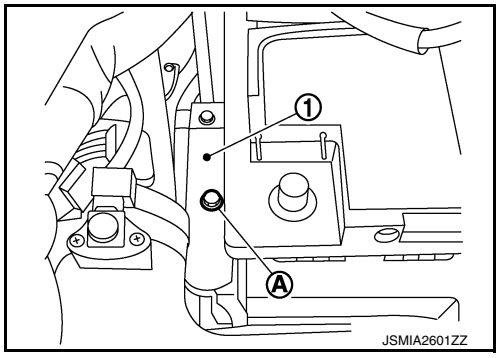
8. Move the positive battery terminal ① and the vent hose ② out of the battery box in direction and place to one side.



9. Remove the battery trim ①.



10. Remove the bolt Ⓐ and remove the bracket ①.



11. Remove the battery.

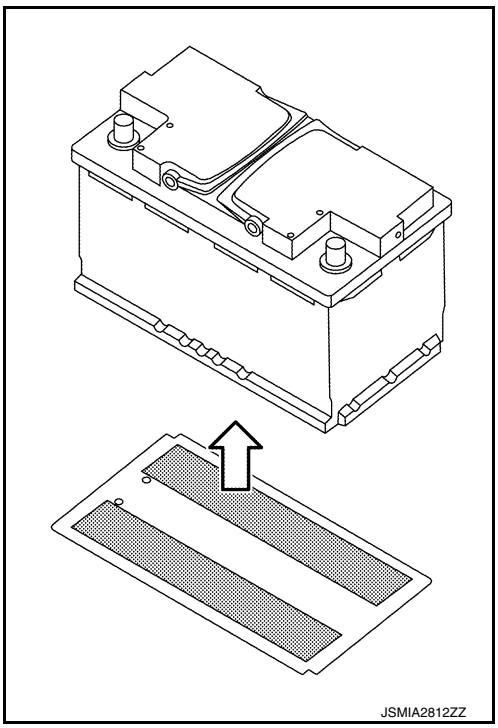
INSTALLATION

Install in the reverse order of removal.

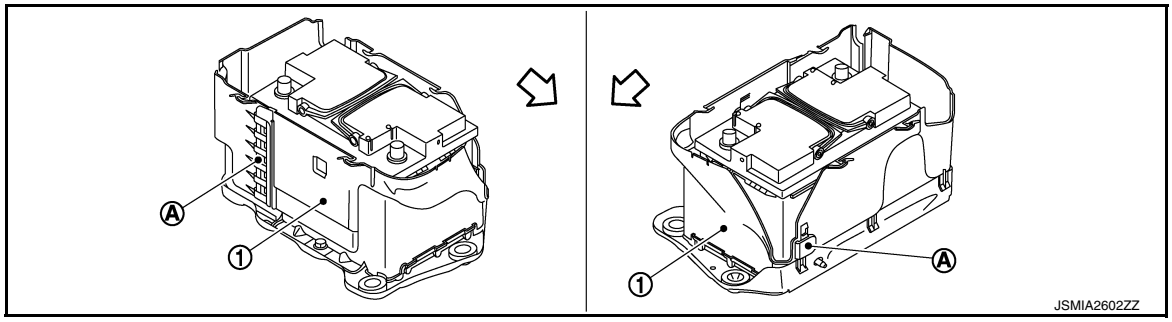
NOTE:

- Be sure to fix the support plate to the battery when replace the battery.

: Adhesive tape

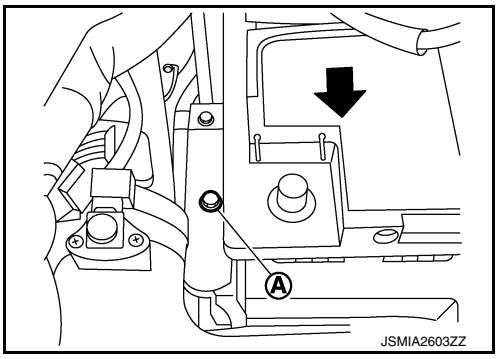


- The vent hose must be routed without any kinks in it.
- The cover ① must engage in the guides Ⓐ.



⇦ : Vehicle front

- Before tightening the bolt Ⓐ, push the battery as far as it goes in the direction of the arrow (⬅).

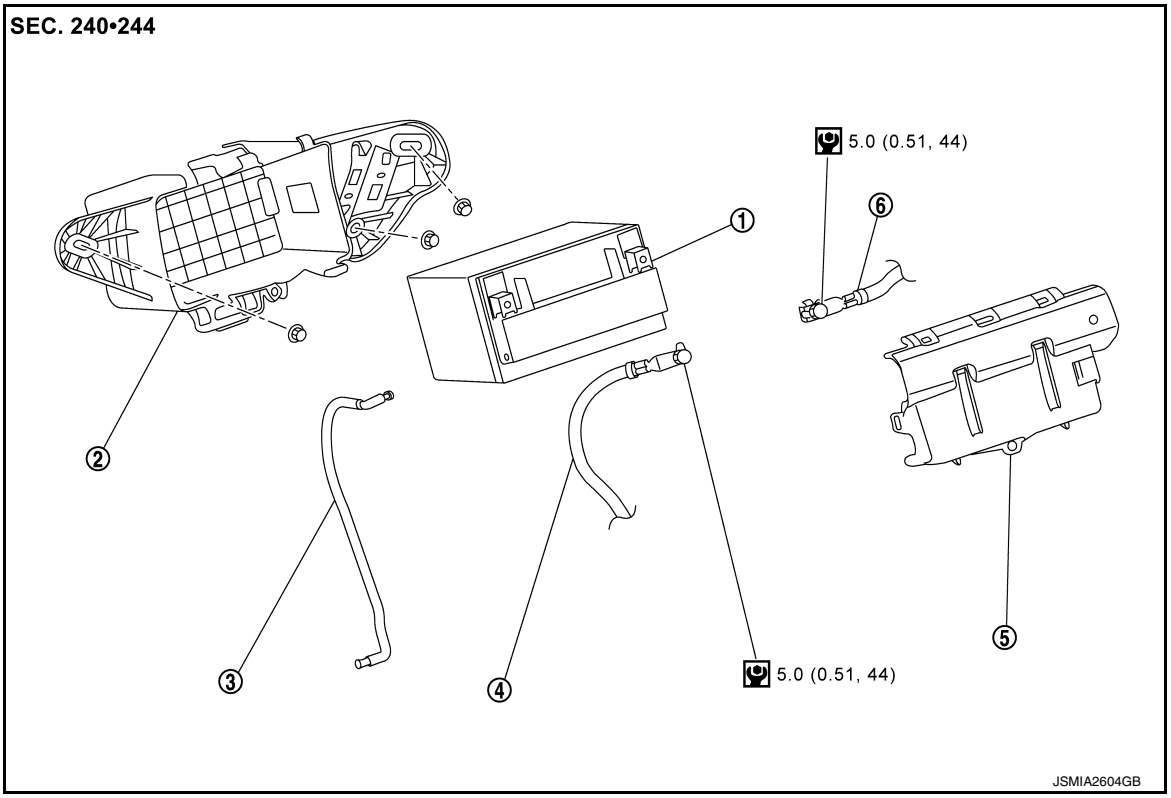


Reset electronic systems as necessary. Refer to GI-83, "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection".

SUB BATTERY

SUB BATTERY : Exploded View

INFOID:0000000013767902



① Battery
② Battery box
③ Vent hose
④ Battery negative terminal
⑤ Battery cover
⑥ Battery positive terminal
: N·m (kg-m, in-lb)

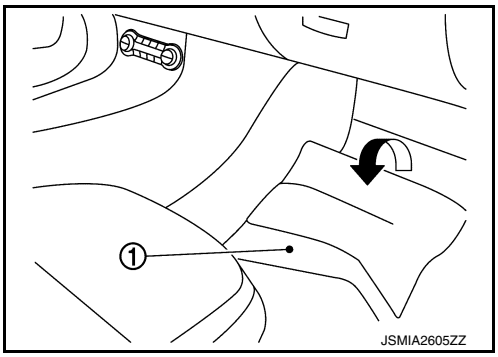
SUB BATTERY : Removal and Installation

INFOID:0000000013767903

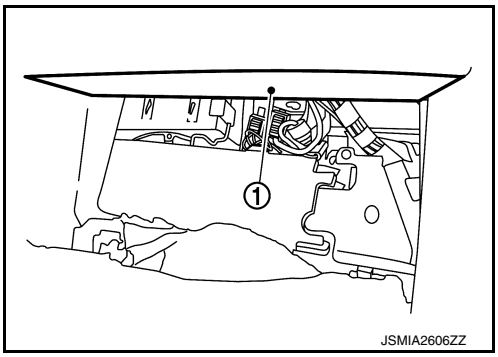
WARNING:
Risk of explosion from explosive gas. Risk of poisoning and caustic burns from swallowing battery electrolyte. Risk of injury through burns to skin and eyes from battery acid or when handling damaged lead-acid batteries.
CAUTION:
- **Do not store batteries over a longer period at a storage point with direct solar radiation.**
- **Discharged or defective batteries can freeze, therefore store free from frost.**
- **Avoid polarity reversal and short-circuits.**
- **Do not place any tools or other conducting objects on the battery (risk of short-circuit).**
- **Before removal and installation of batteries all switchable current consumers should be switched off, as well as the engine switched off so that inadvertent arcing is ruled out.**
- **Always detach the negative terminal first and always connect the positive terminal first.**
- **Only charge batteries with DC, 10% of the capacity is recommended as charging current for slow charging and 50% of the capacity recommended for fast charging.**
- **Only switch on the charger after connecting to the terminals and switch off before disconnecting.**
- **If the battery is to remain in the parked vehicle for an extended period, the negative terminal should be disconnected.**
- **If possible batteries should be kept clean and dry.**
- **The battery is leaktight and can therefore be installed in any position.**
- **The battery is maintenance free.**
- **The battery housing is encapsulated.**
- **When quick-charging, it is important to ensure that the housing of the battery does not heat up too much, otherwise damage can occur.**

REMOVAL

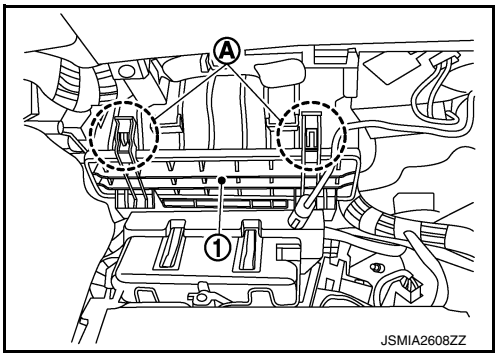
1. Fold back the floor covering ① in direction of arrow (⬅) in front passenger footwell.



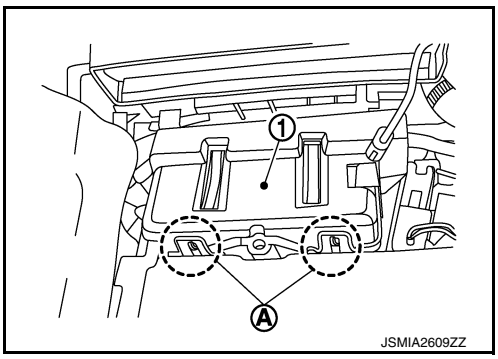
2. Remove the instrument lower cover RH ①. Refer to IP-13, "Removal and Installation".



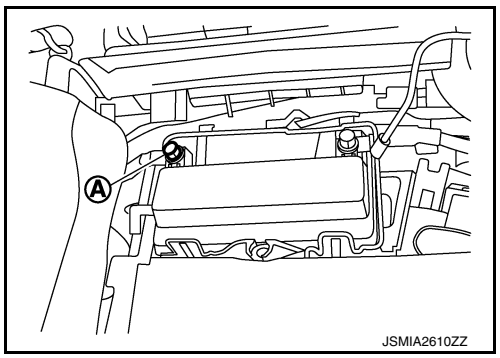
3. Release the locks Ⓐ and remove the flitter cover ①.



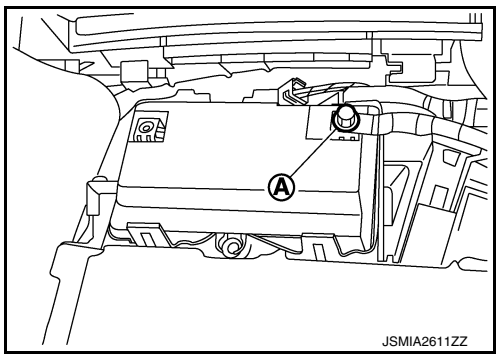
4. Release the locks Ⓐ and remove the battery cover ①.



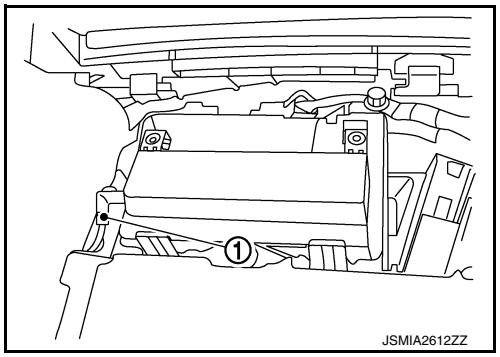
5. Loosen the bolt Ⓐ and disconnect the negative battery terminal.
NOTE:
The bolt Ⓐ remains on the negative battery terminal.



6. Loosen the nut Ⓐ and disconnect the positive battery terminal.
NOTE:
The bolt Ⓐ remains on the positive battery terminal.



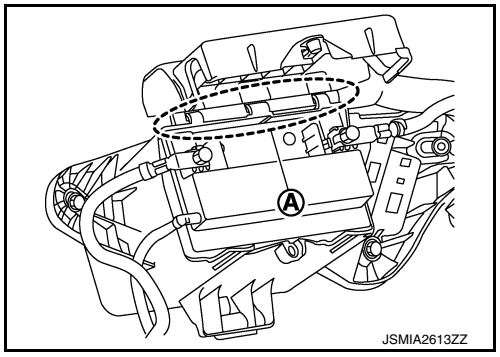
7. Remove the vent hose ①.



8. Remove the battery.

INSTALLATION

Install in the reverse order of removal.
NOTE:
- The vent hose must be routed without any kinks in it.
- When installing the battery cover, the rear guides Ⓐ must be hooked in first.

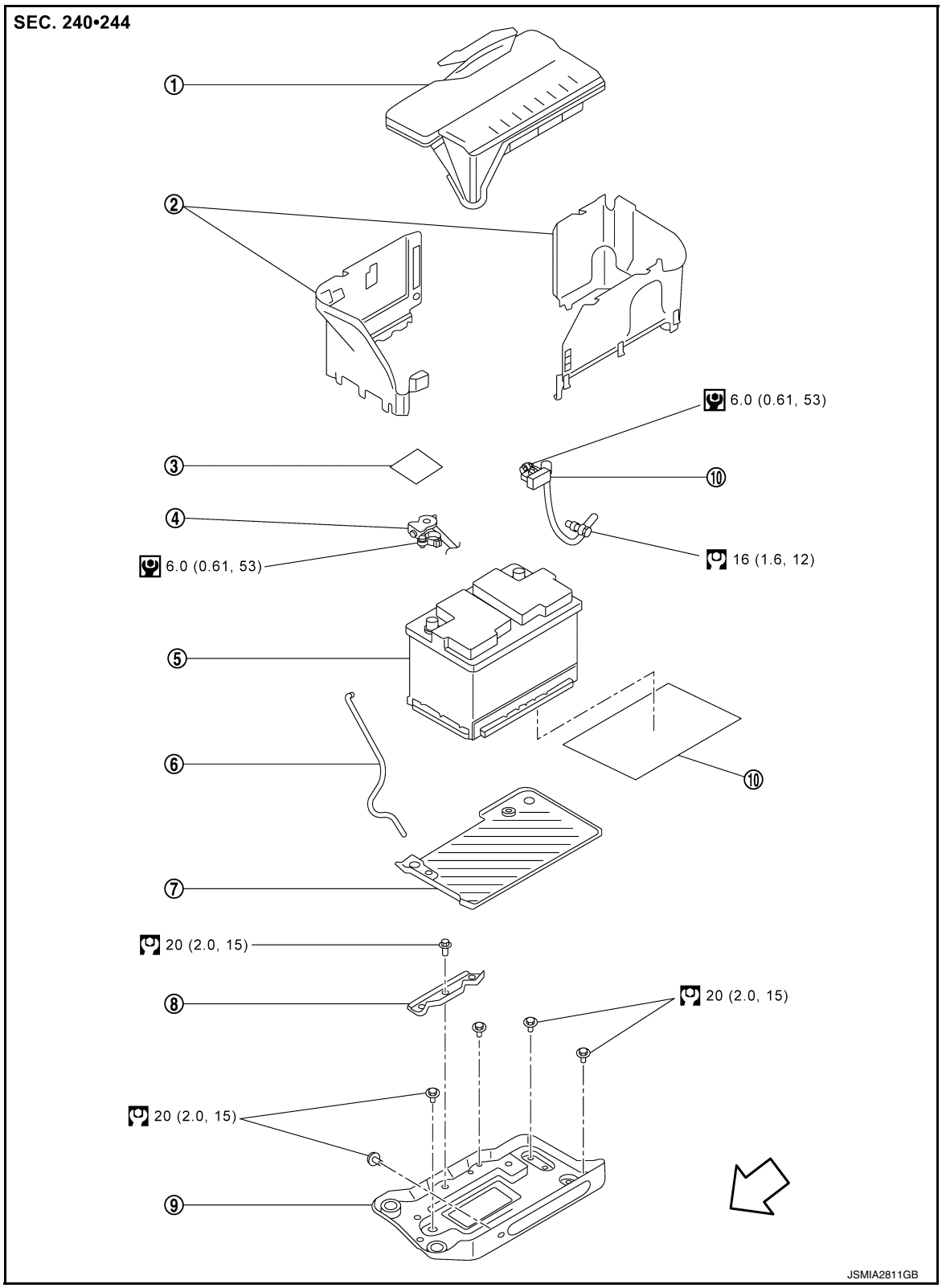


BATTERY TRAY

MAIN BATTERY

MAIN BATTERY : Exploded View

INFOID:0000000013788223



① Battery cover	② Battery trim	③ Battery positive terminal cover
④ Battery positive terminal (Built-in pyrofuse)	⑤ Battery	⑥ Vent hose
⑦ Battery tray liner	⑧ Bracket	⑨ Battery tray
⑩ Support plate	⑪ Battery sensor (Battery negative terminal)	

: N·m (kg-m, ft-lb)

: N·m (kg-m, in-lb)

⇦ : Vehicle front

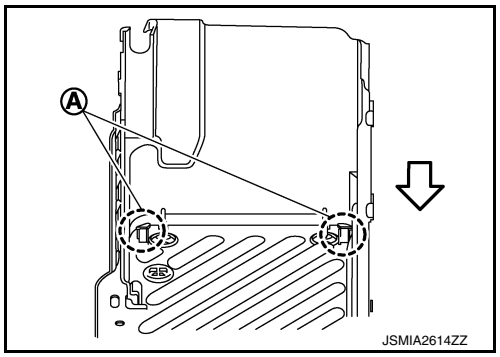
MAIN BATTERY : Removal and Installation

INFOID:0000000013767905

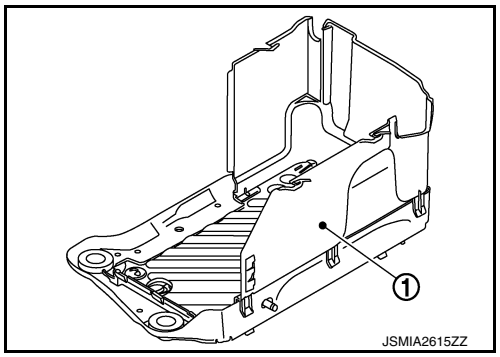
REMOVAL

1. Remove the battery. Refer to PG-109, "MAIN BATTERY : Removal and Installation".
2. Press the battery trim catch hooks Ⓐ downwards and simultaneously pull the battery trim to the front.

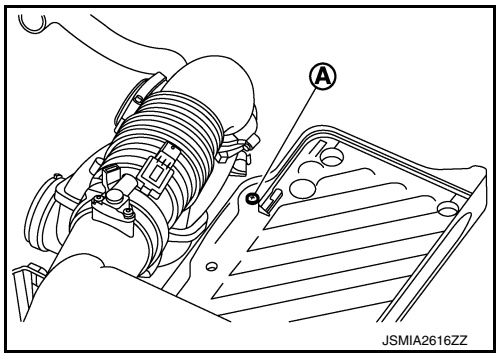
⇦ : Vehicle front



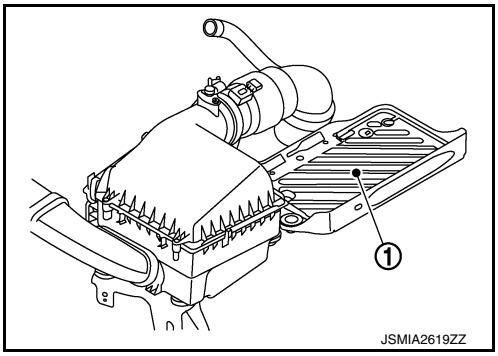
3. Remove the battery trim ① upwards out of the guide.



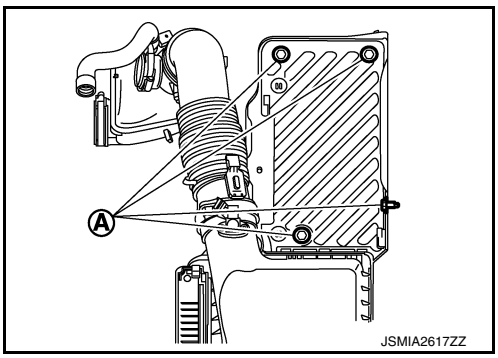
4. Remove the bolt Ⓐ.



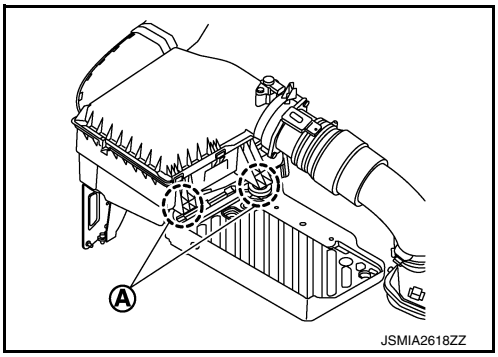
5. Remove the battery tray liner ① from the battery tray.



6. Remove the bolts Ⓐ.



7. Unhook the air cleaner housing Ⓐ from the battery tray and pull forward.



8. Remove the battery tray.

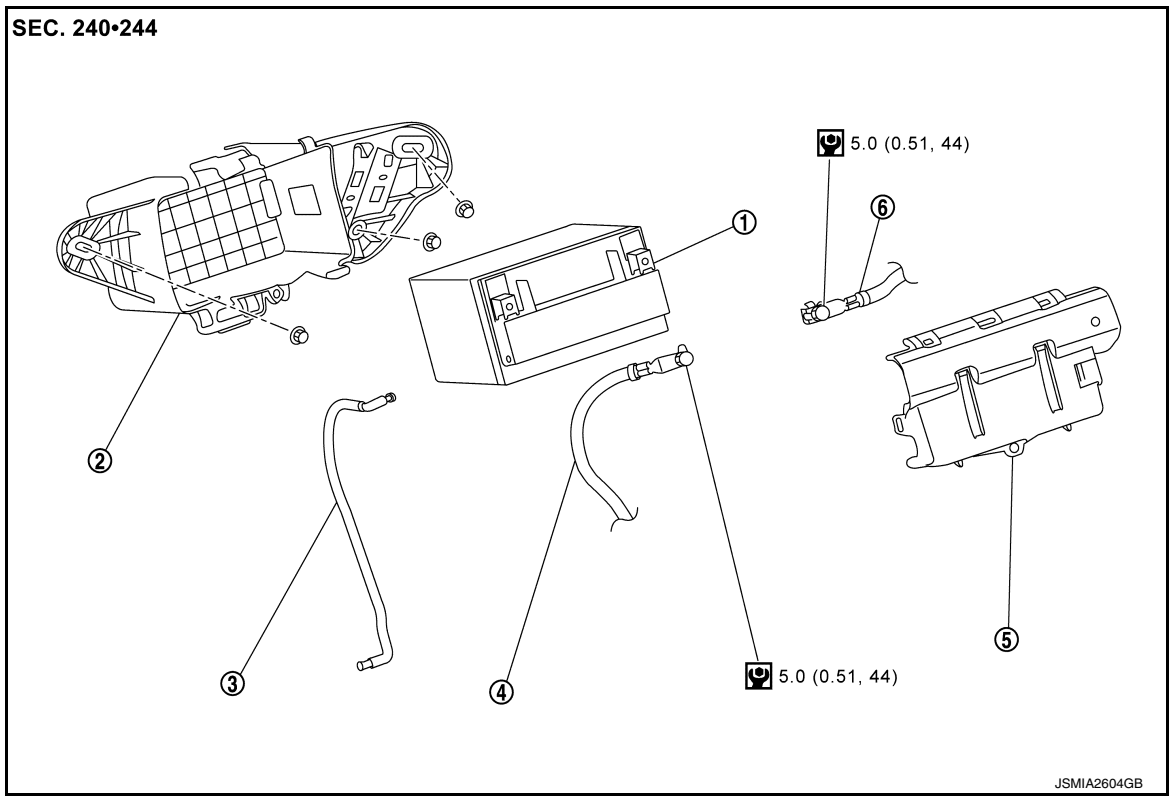
INSTALLATION

Install in the reverse order of removal.

SUB BATTERY

SUB BATTERY : Exploded View

INFOID:0000000013788224



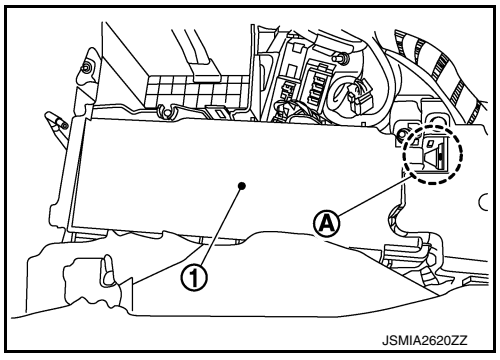
① Battery
② Battery box
③ Vent hose
④ Battery negative terminal
⑤ Battery cover
⑥ Battery positive terminal
: N·m (kg-m, in-lb)

SUB BATTERY : Removal and Installation

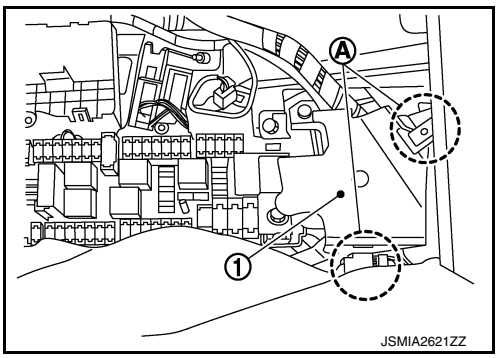
INFOID:0000000013767907

REMOVAL

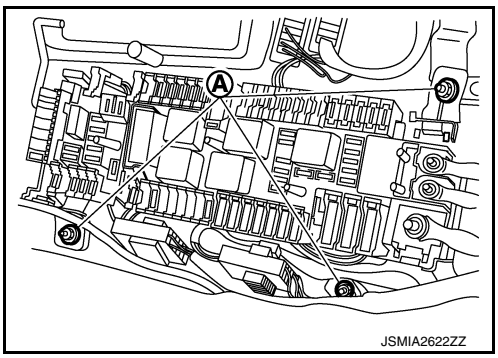
1. Remove the negative battery terminal from the main battery.
2. Remove the sub battery. Refer to PG-113, "SUB BATTERY : Removal and Installation".
3. Release lock Ⓐ and remove the cover ①.



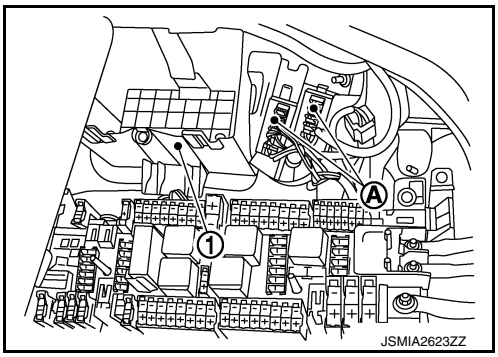
4. Unclip brackets Ⓐ and remove the cover ①.



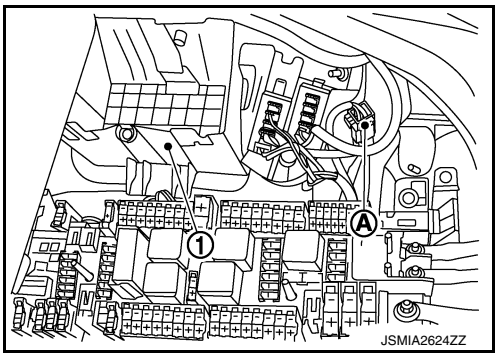
5. Remove the bolts Ⓐ.



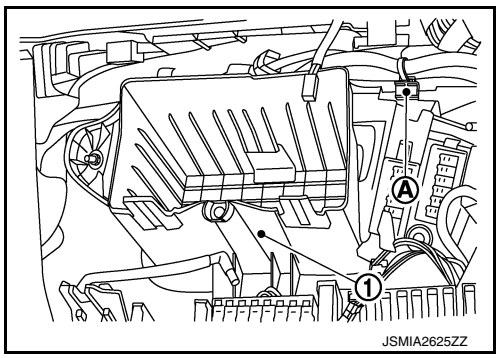
6. Put vehicle interior fuse box to one side.
7. Remove the potential distributor Ⓐ from the battery box ①.



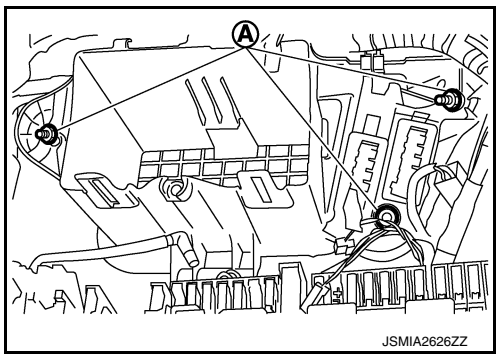
8. Remove the electrical connection Ⓐ from the battery box ①.



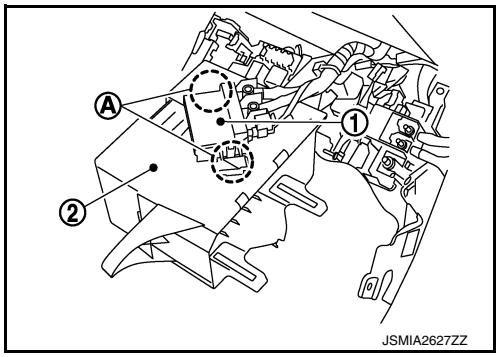
9. Remove the retaining clip Ⓐ from the battery box ①.



10. Remove the nuts Ⓐ.



11. Remove the sub battery relay ① from the brackets Ⓐ and remove the battery box ②.



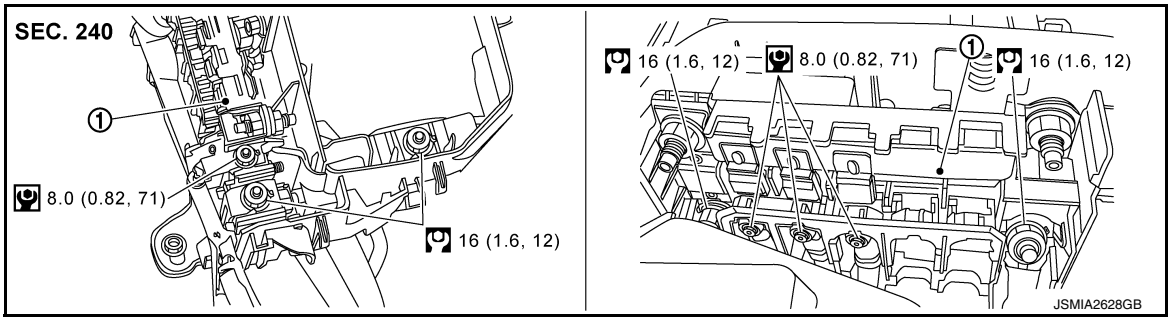
INSTALLATION

Install in the reverse order of removal.

JUMP-STARTING CONNECTION POINT WITH FUSIBLE LINK

Exploded View

INFOID:0000000013767908



① Jump-starting connection point with fusible link

: N·m (kg-m, ft-lb)

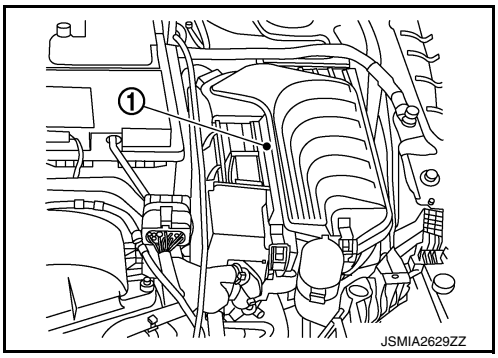
: N·m (kg-m, in-lb)

Removal and Installation

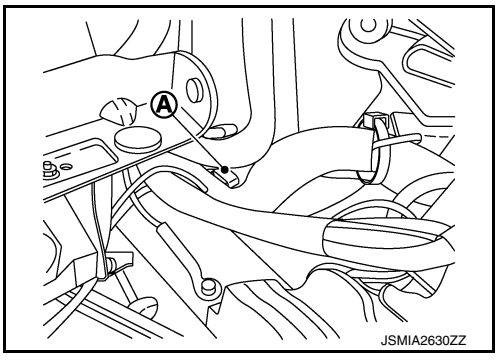
INFOID:0000000013767909

REMOVAL

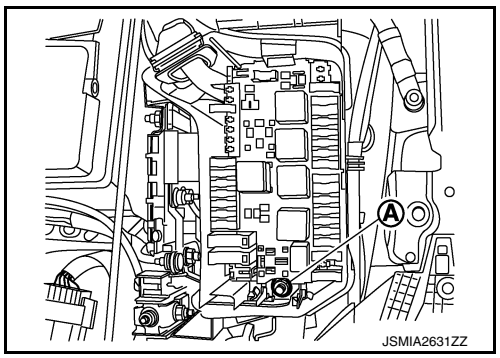
1. Remove the battery trim. Refer to PG-117, "MAIN BATTERY : Removal and Installation".
2. Remove the cover ①.



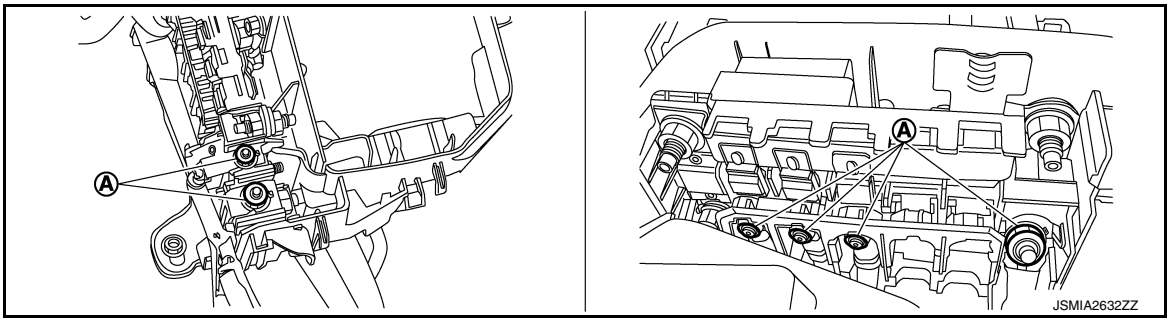
3. Unclip the bracket Ⓐ and expose the electrical wiring harness.



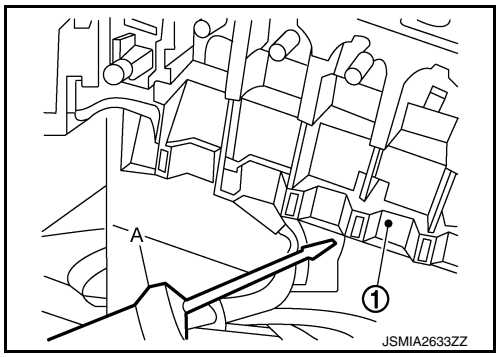
4. Remove the nut Ⓐ.



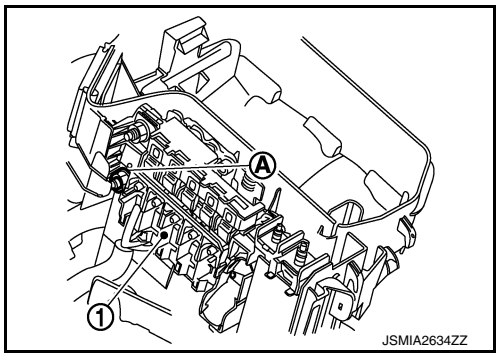
5. Remove the nuts Ⓐ and remove the electrical lines.



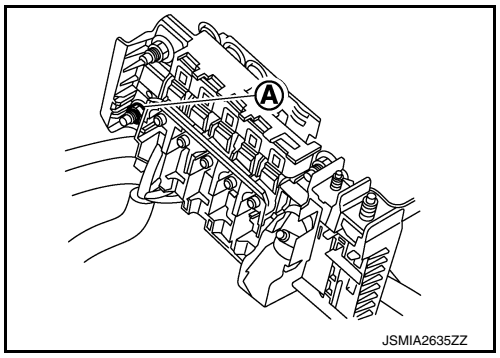
6. Unclip the jump-starting connection point with fusible link ① using the suitable tool (A).



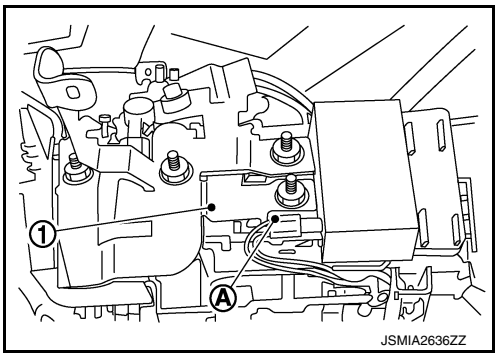
7. Pull the jump-starting connection point with fusible link ① out of the guide until the nut Ⓐ is accessible.



8. Remove the nut Ⓐ and remove the electrical line.



9. Remove the jump-starting connection point with fusible link from the guide.
10. Disconnect the electrical connector Ⓐ and remove the jump-starting connection point with fusible link ①.



INSTALLATION

Install in the reverse order of removal.

BATTERY SENSOR

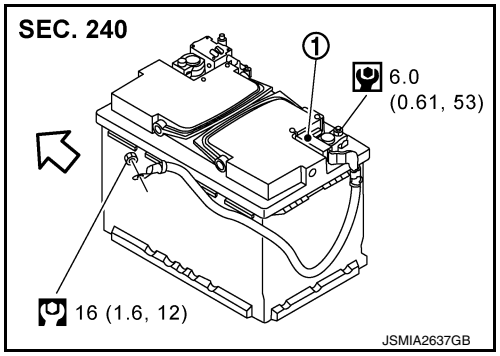
Exploded View

INFOID:0000000013767910

① : Battery sensor

: N·m (kg-m, ft-lb)

: N·m (kg-m, in-lb)



Removal and Installation

INFOID:0000000013767911

WARNING:

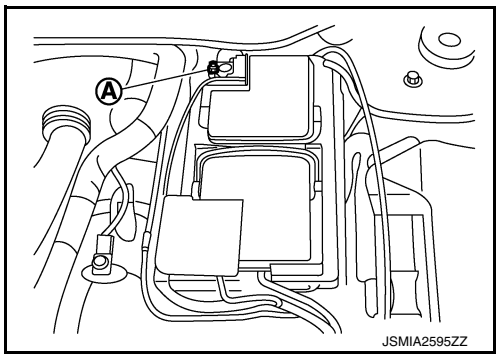
Risk of explosion from explosive gas. Risk of poisoning and caustic burns from swallowing battery electrolyte. Risk of injury through burns to skin and eyes from battery acid or when handling damaged lead-acid batteries.

CAUTION:

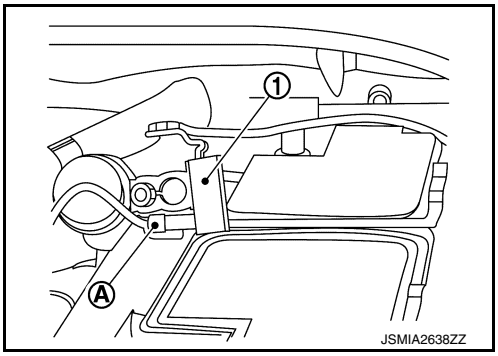
- **Do not store batteries over a longer period at a storage point with direct solar radiation.**
- **Discharged or defective batteries can freeze, therefore store free from frost.**
- **Avoid polarity reversal and short-circuits.**
- **Do not place any tools or other conducting objects on the battery (risk of short-circuit).**
- **Before removal and installation of batteries all switchable current consumers should be switched off, as well as the engine switched off so that inadvertent arcing is ruled out.**
- **Always detach the negative terminal first and always connect the positive terminal first.**
- **Only charge batteries with DC, 10% of the capacity is recommended as charging current for slow charging and 50% of the capacity recommended for fast charging.**
- **Only switch on the charger after connecting to the terminals and switch off before disconnecting.**
- **If the battery is to remain in the parked vehicle for an extended period, the negative terminal should be disconnected.**
- **If possible batteries should be kept clean and dry.**
- **The battery is leaktight and can therefore be installed in any position.**
- **The battery is maintenance free.**
- **The battery housing is encapsulated.**
- **When quick-charging, it is important to ensure that the housing of the battery does not heat up too much, otherwise damage can occur.**
- **Risk of injury due to fan starting unexpectedly.**

REMOVAL

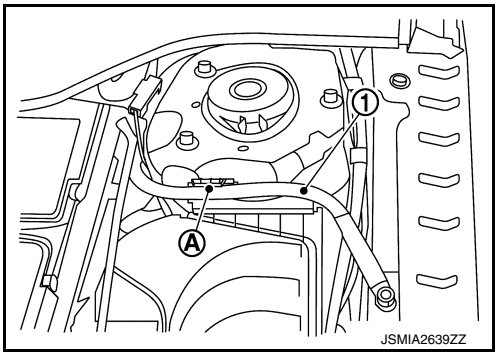
1. Loosen the nut Ⓐ and disconnect the negative battery terminal.



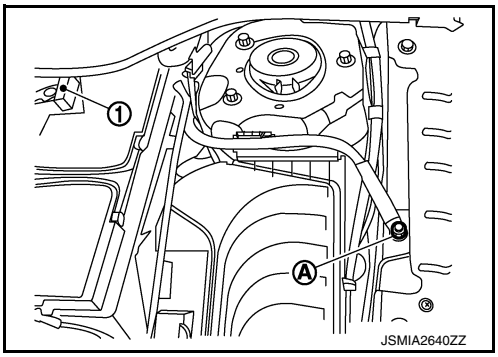
2. Disconnect the electrical connentor Ⓐ from the battery sensor ①.



3. Unclip the ground line ① from the retaining clip Ⓐ.



4. Remove the nut Ⓐ and remove the ground line with the battery sensor ①.



INSTALLATION

Install in the reverse order of removal.

SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

Battery

INFOID:0000000013767912

MAIN BATTERY

Type		L4
20 hour rate capacity	[V – Ah]	12 – 70
Cold cranking current (For reference value)	[A]	760

SUB BATTERY

Type		GTX14-12B
20 hour rate capacity	[V – Ah]	12 – 12
Cold cranking current (For reference value)	[A]	170