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SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

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HOW TO USE THIS SECTION

< HOW TO USE THIS MANUAL >

HOW TO USE THIS MANUAL

HOW TO USE THIS SECTION

Information

INFOID:0000000010763712

Both “Idling stop system” and “stop/start system” are used in this manual. These indicate the same system.

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PRECAUTIONS

< PRECAUTION >

PRECAUTION

PRECAUTIONS

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

INFOID:0000000010709189

The Supplemental Restraint System such as "AIR BAG" and "SEAT BELT PRE-TENSIONER", used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. Information necessary to service the system safely is included in the "SRS AIR BAG" and "SEAT BELT" of this Service Manual.

WARNING:

Always observe the following items for preventing accidental activation.

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision that would result in air bag inflation, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.
- Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see "SRS AIR BAG".
- Never use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

PRECAUTIONS WHEN USING POWER TOOLS (AIR OR ELECTRIC) AND HAMMERS

WARNING:

Always observe the following items for preventing accidental activation.

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the ignition ON or engine running, never use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the ignition OFF, disconnect the battery, and wait at least 3 minutes before performing any service.

Precautions for Removing Battery Terminal

INFOID:0000000010709245

- With the adoption of Auto ACC function, ACC power is automatically supplied by operating the intelligent key or remote keyless entry or by opening/closing the driver side door. In addition, ACC power is supplied even after the ignition switch is turned to the OFF position, i.e. ACC power is supplied for a certain fixed time.
- When disconnecting the 12V battery terminal, turn off the ACC power before disconnecting the 12V battery terminal, observing "How to disconnect 12V battery terminal" described below.

NOTE:

Some ECUs operate for a certain fixed time even after ignition switch is turned OFF and ignition power supply is stopped. If the battery terminal is disconnected before ECU stops, accidental DTC detection or ECU data damage may occur.

- 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:

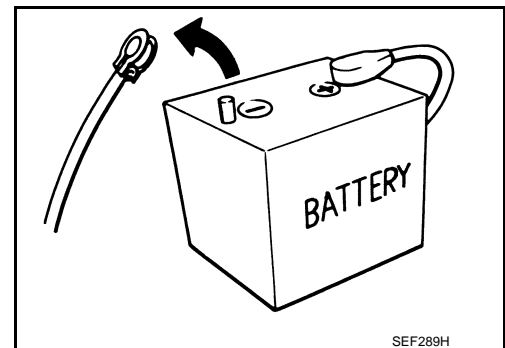
The removal of 12V battery may cause a DTC detection error.

HOW TO DISCONNECT 12V BATTERY TERMINAL

Disconnect 12V battery terminal according to Instruction 1 or Instruction 2 described below.
For vehicles parked by ignition switch OFF, refer to Instruction 2.

INSTRUCTION 1

1. Open the hood.



PRECAUTIONS

< PRECAUTION >

2. Turn key switch to the OFF position with the driver side door opened.
3. Get out of the vehicle and close the driver side door.
4. Wait at least 3 minutes. For vehicle with the engine listed below, remove the battery terminal after a lapse of the specified time.

| | |
|------------|--------------|
| D4D engine | : 20 minutes |
| HRA2DDT | : 12 minutes |
| K9K engine | : 4 minutes |
| M9R engine | : 4 minutes |
| R9M engine | : 4 minutes |
| V9X engine | : 4 minutes |

CAUTION:

While waiting, never operate the vehicle such as locking, opening, and closing doors. Violation of this caution results in the activation of ACC power supply according to the Auto ACC function.

5. Remove 12V battery terminal.

CAUTION:

After installing 12V battery, always check self-diagnosis results of all ECUs and erase DTC.

INSTRUCTION 2 (FOR VEHICLES PARKED BY IGNITION SWITCH OFF)

1. Unlock the door with intelligent key or remote keyless entry.

NOTE:

At this moment, ACC power is supplied.

2. Open the driver side door.
3. Open the hood.
4. Close the driver side door.
5. Wait at least 3 minutes.

CAUTION:

While waiting, never operate the vehicle such as locking, opening, and closing doors. Violation of this caution results in the activation of ACC power supply according to the Auto ACC function.

6. Remove 12V battery terminal.

CAUTION:

After installing 12V battery, always check self-diagnosis results of all ECUs and erase DTC.

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COMPONENT PARTS

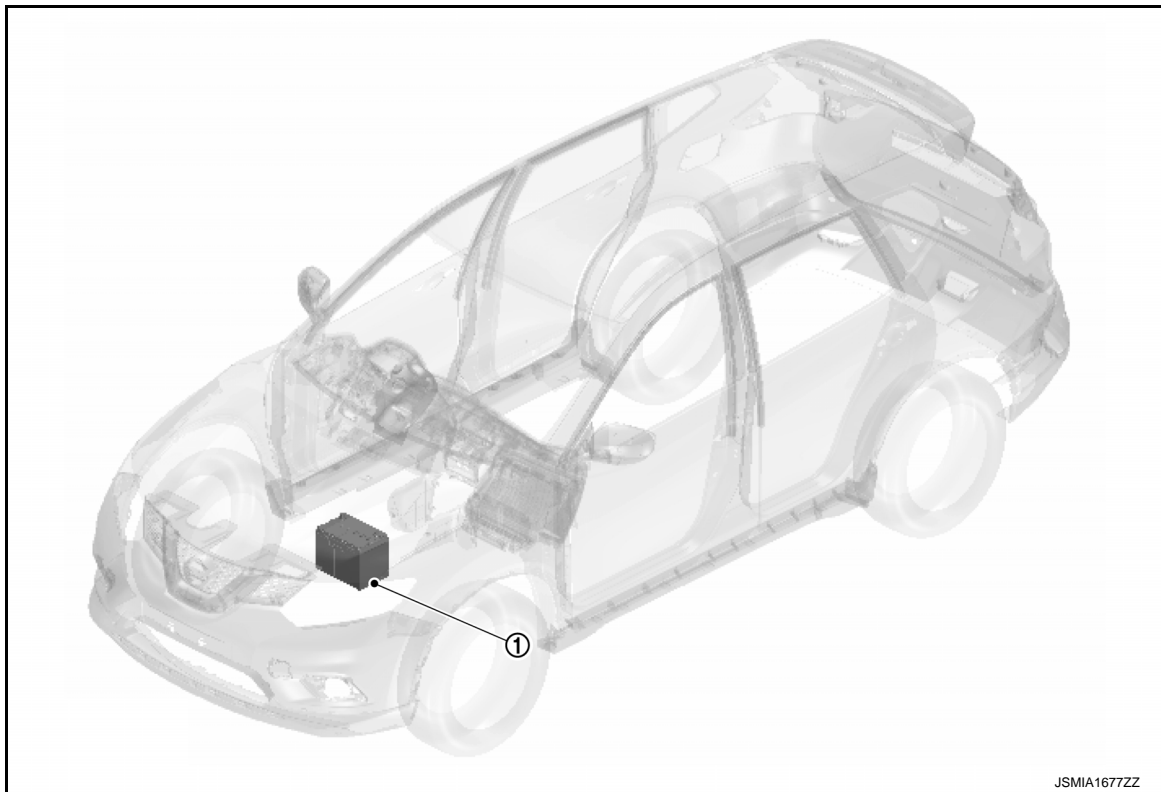
< SYSTEM DESCRIPTION >

SYSTEM DESCRIPTION

COMPONENT PARTS

Component Parts Location

INFOID:0000000010709193



| No. | Component | Function |
|-----|-----------|--------------------------------------------|
| ① | Battery | Refer to PG-6, "Battery" . |

Battery

INFOID:0000000010709194

R9M

| | | |
|---------------------------------------------|----------|---------|
| Type | | S-95 |
| 20 hour rate capacity | [V – Ah] | 12 – 75 |
| Cold cranking current (For reference value) | [A] | 660 |

CAUTION:

It is mandatory to always use a battery designed for the stop/start system. Failure to do this causes early deterioration or system malfunction.

EXCEPT FOR R9M

| | | |
|---------------------------------------------|----------|---------|
| Type | | 80D23L |
| 20 hour rate capacity | [V – Ah] | 12 – 62 |
| Cold cranking current (For reference value) | [A] | 582 |

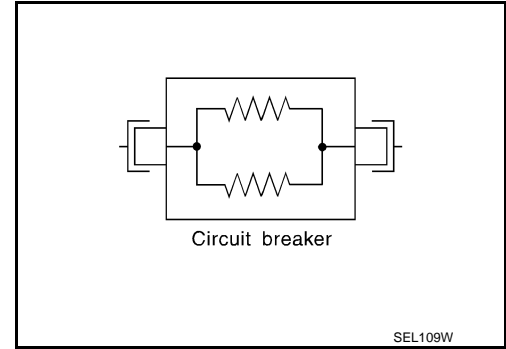
COMPONENT PARTS

< SYSTEM DESCRIPTION >

Circuit Breaker

INFOID:0000000010709195

The PTC thermistor generates heat in response to current flow. The temperature (and resistance) of the thermistor element varies with current flow. Excessive current flow will cause the element's temperature to rise. When the temperature reaches a specified level, the electrical resistance will rise sharply to control the circuit current. Reduced current flow will cause the element to cool. Resistance falls accordingly and normal circuit current flow is allowed to resume.



Harness Connector

INFOID:0000000010709196

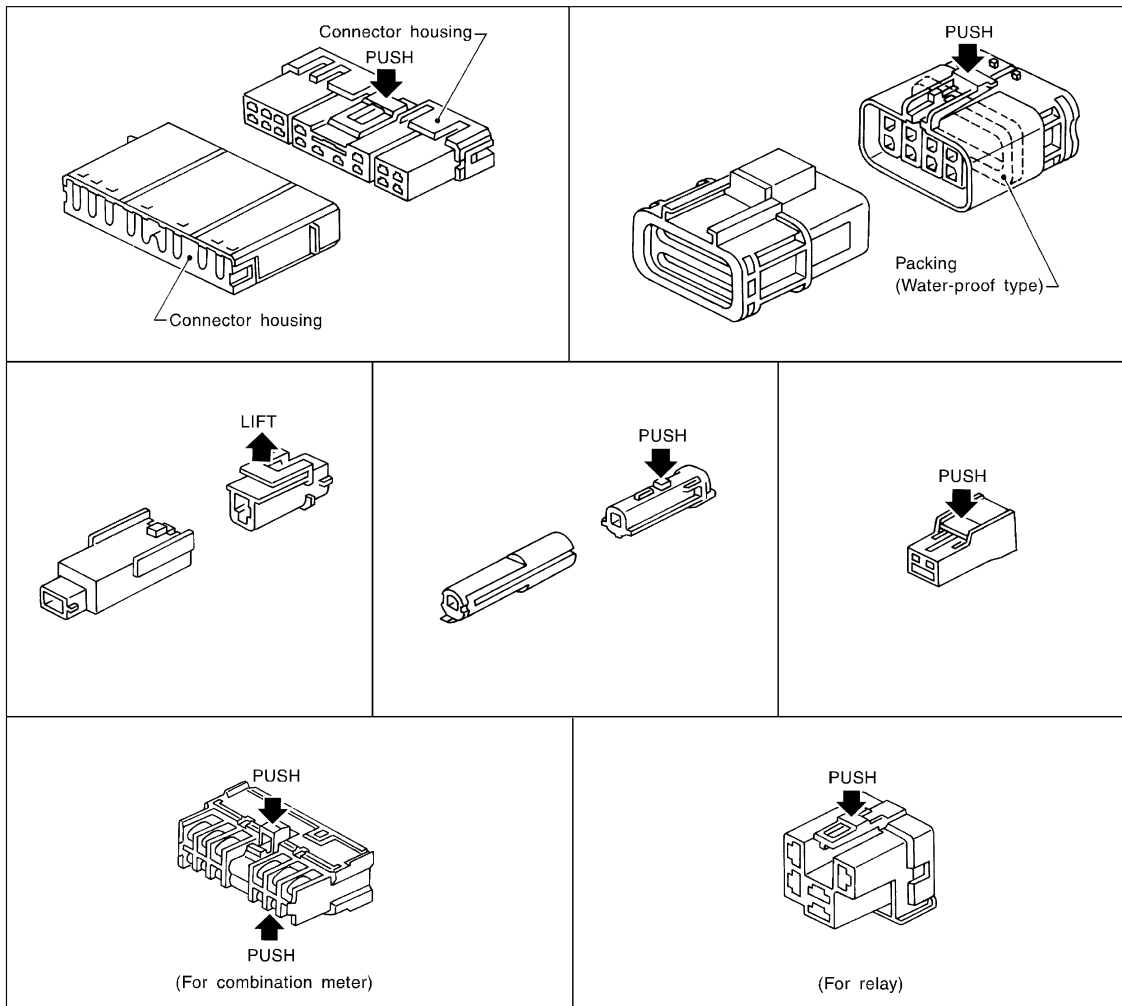
HARNESS CONNECTOR (TAB-LOCKING TYPE)

- 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

COMPONENT PARTS

< SYSTEM DESCRIPTION >

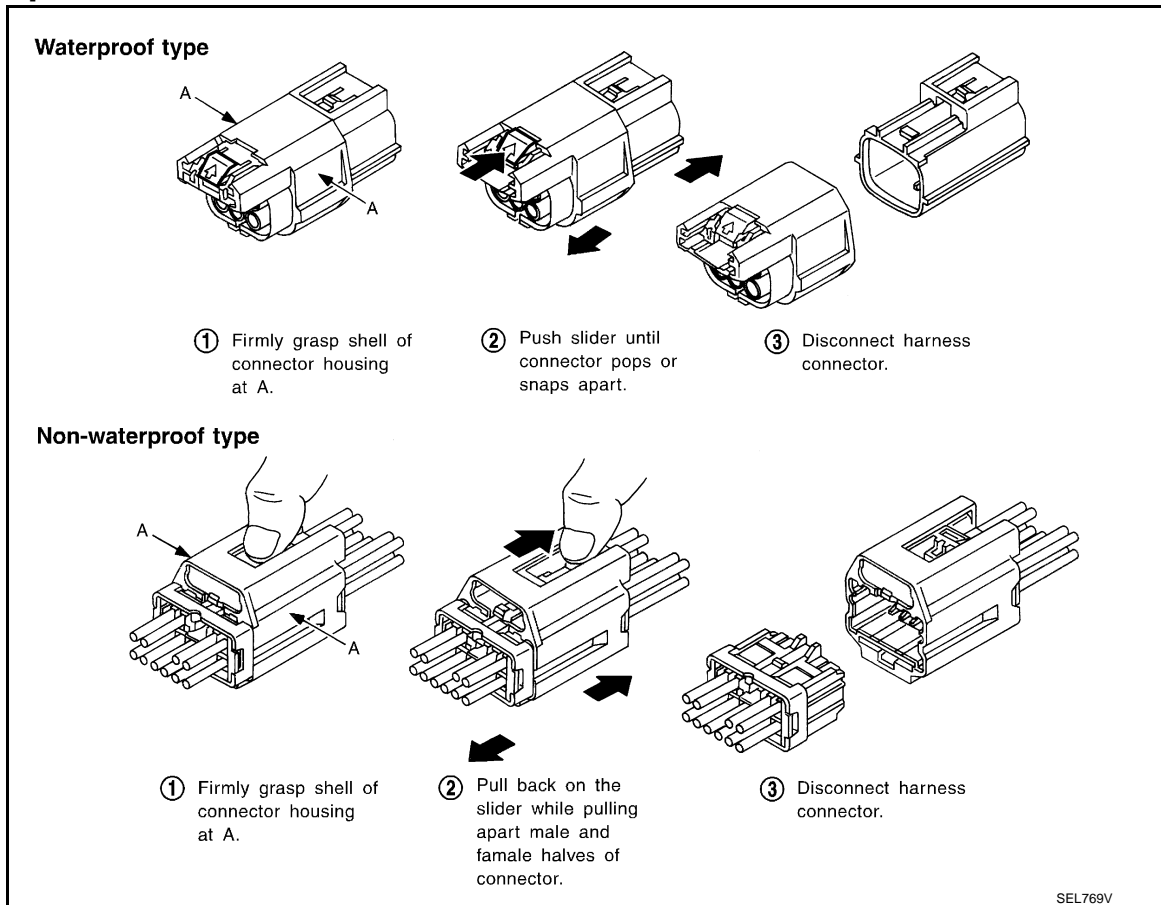
HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

- A new style slide-locking type connector is used on certain systems and components, especially those related to OBD.
- The slide-locking type connectors help prevent incomplete locking and accidental looseness or disconnection.
- The slide-locking type connectors are disconnected by pushing or pulling the slider. Refer to the 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)

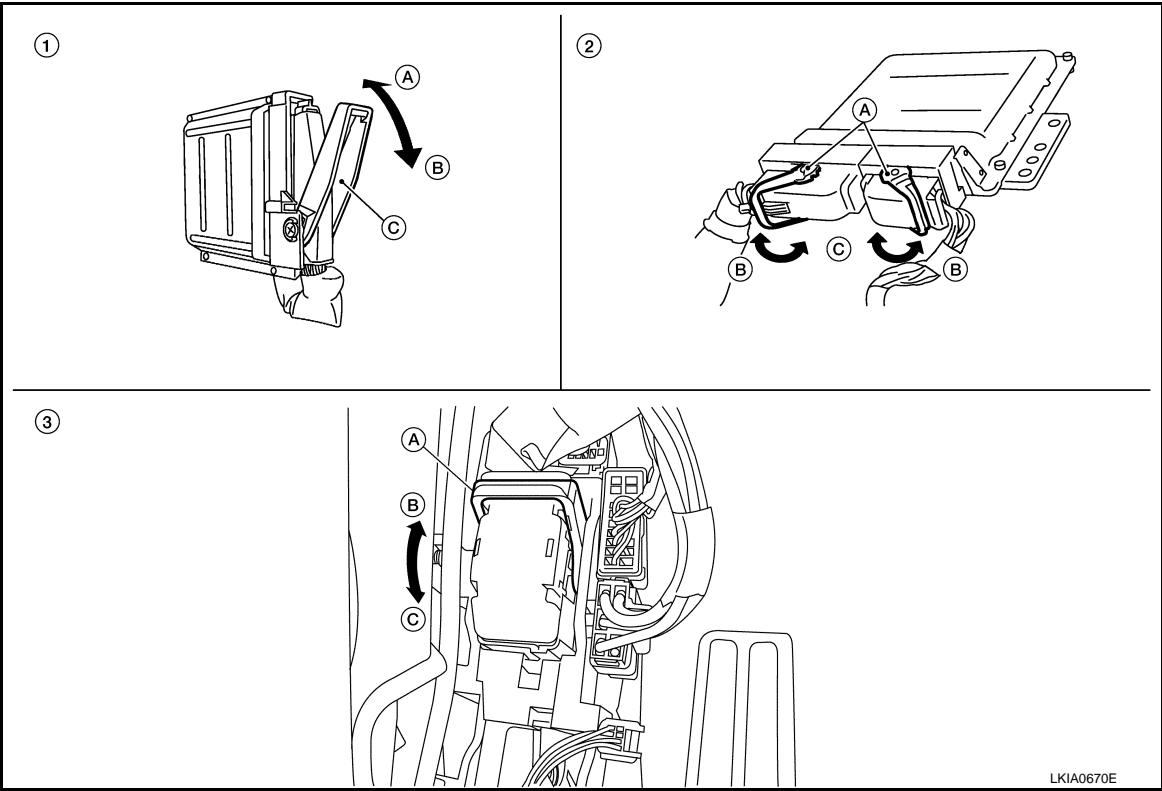
- Lever locking type harness connectors are used on certain control units and control modules such as ECM, ABS actuator and electric unit (control unit), etc.
- Lever locking type harness connectors are also used on super multiple junction (SMJ) connectors.
- Always confirm the lever is fully locked in place by moving the lever as far as it will go to ensure full connection.

CAUTION:

COMPONENT PARTS

< SYSTEM DESCRIPTION >

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
A Fasten
B Loosen
C Lever

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

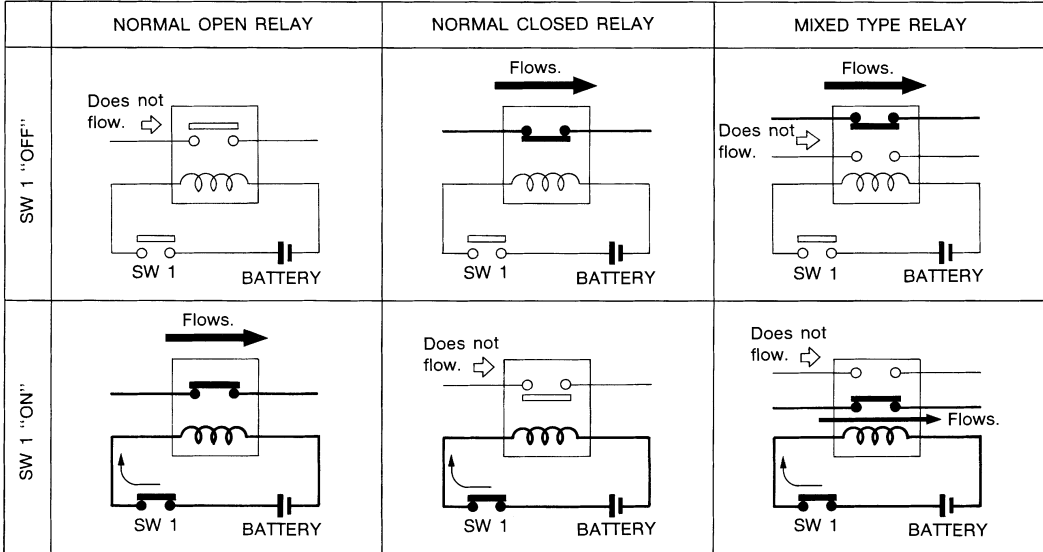
- ③ SMJ connector
A Lever
B Fasten
C Loosen

Standardized Relay

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NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

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



SEL881H

TYPE OF STANDARDIZED RELAYS

COMPONENT PARTS

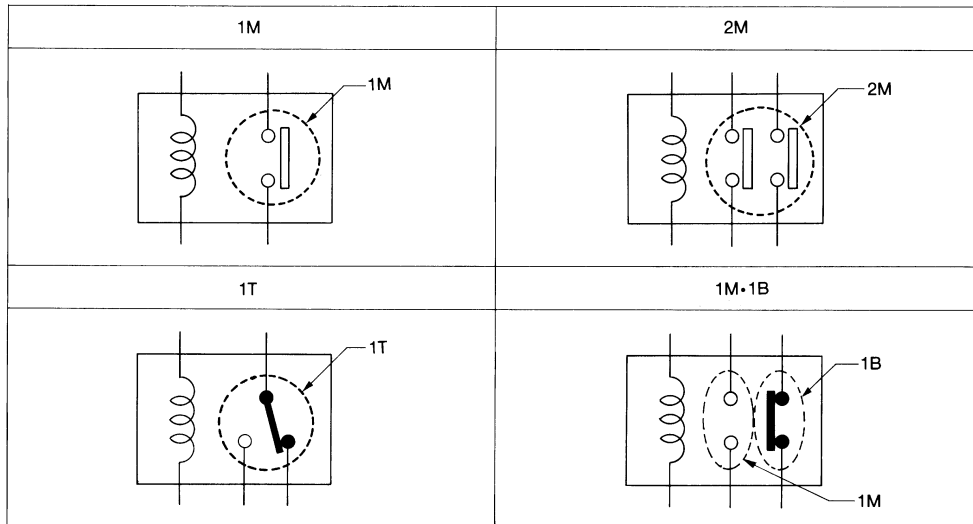
< SYSTEM DESCRIPTION >

1M 1 Make

2M 2 Make

1T 1 Transfer

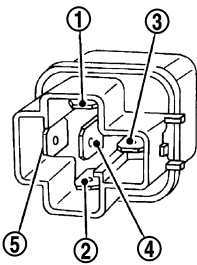
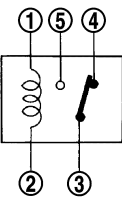
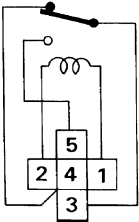
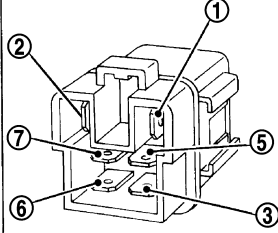
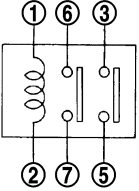
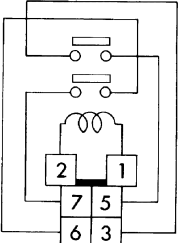
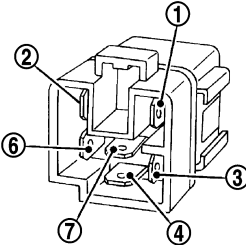
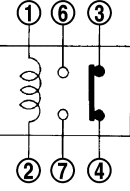
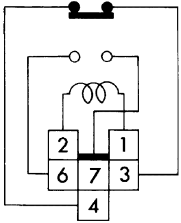
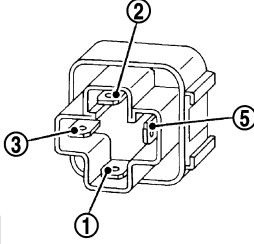
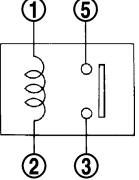
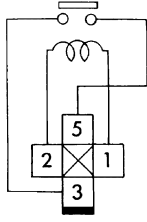
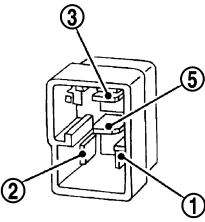
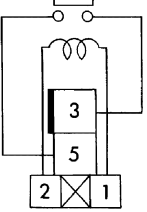
1M·1B 1 Make 1 Break



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COMPONENT PARTS

< SYSTEM DESCRIPTION >

| Type | Outer view | Circuit | Connector symbol and connection | Case color |
|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------|
| 1T |  |  |  | BLACK |
| 2M |  |  |  | BROWN |
| 1M•1B |  |  |  | GRAY |
| 1M |  |  |  | BLACK |
| |  | |  | BLUE |

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

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POWER SUPPLY ROUTING CIRCUIT

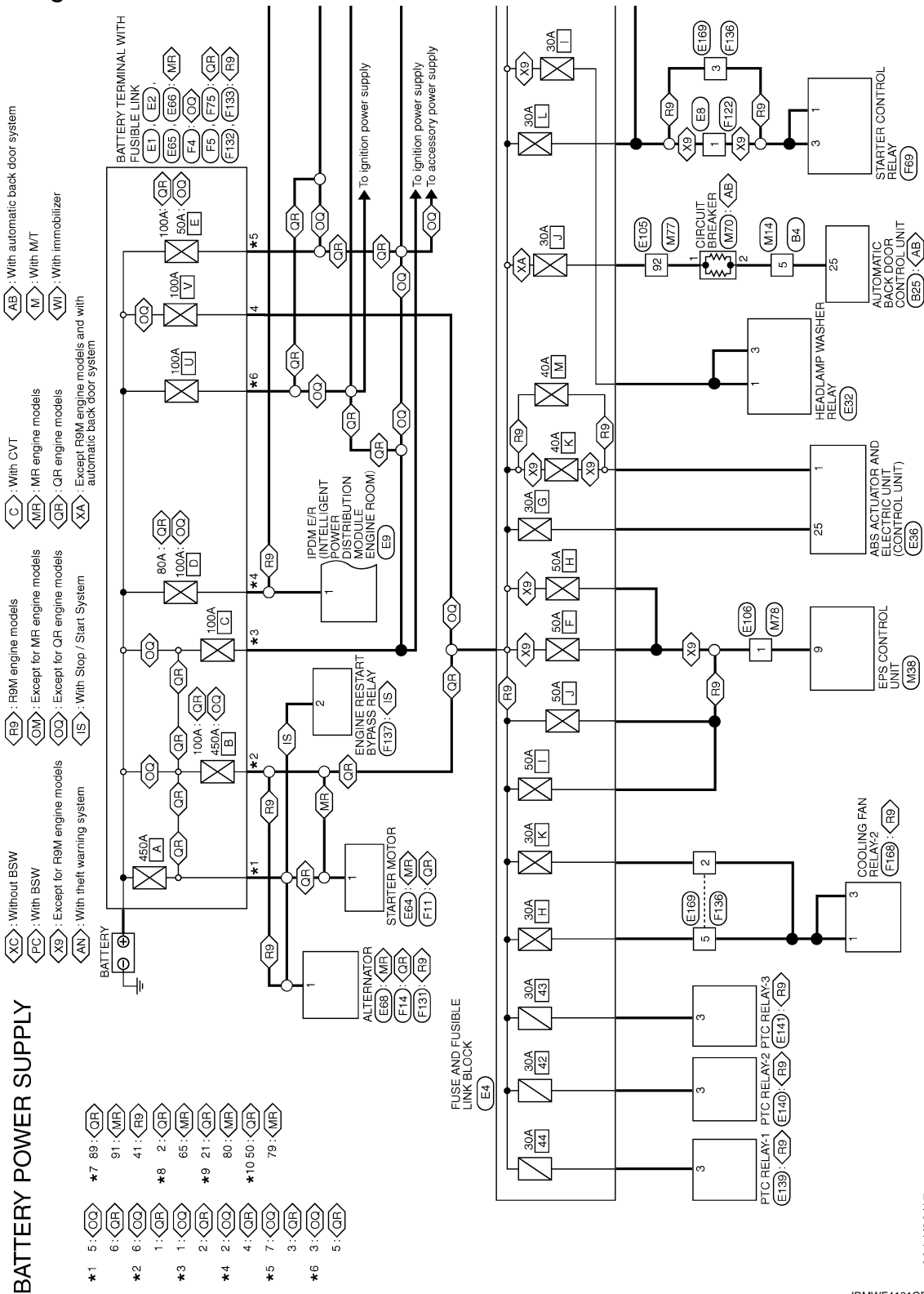
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WIRING DIAGRAM

POWER SUPPLY ROUTING CIRCUIT

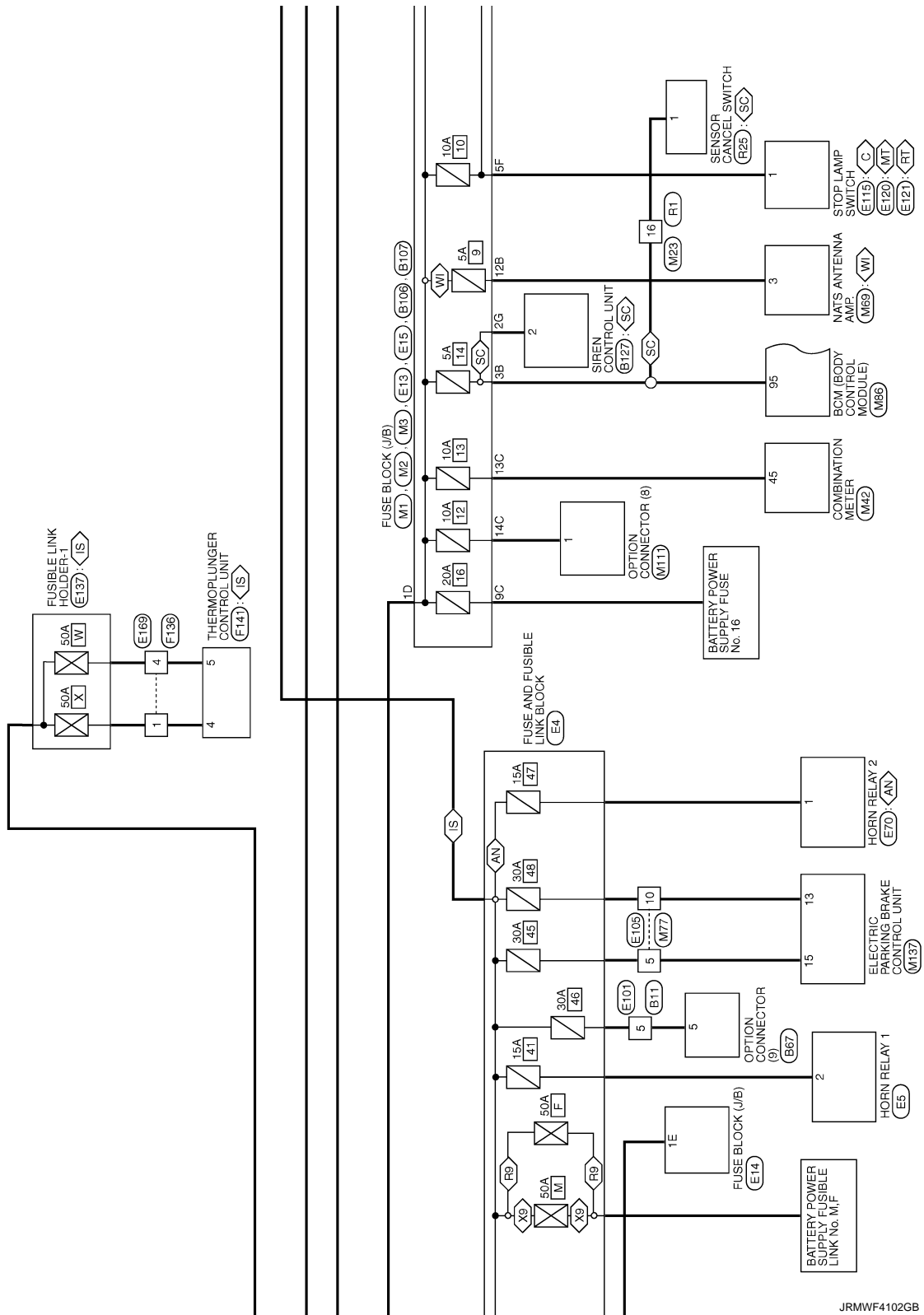
Wiring Diagram - BATTERY POWER SUPPLY -

INFOID:0000000010709198



POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

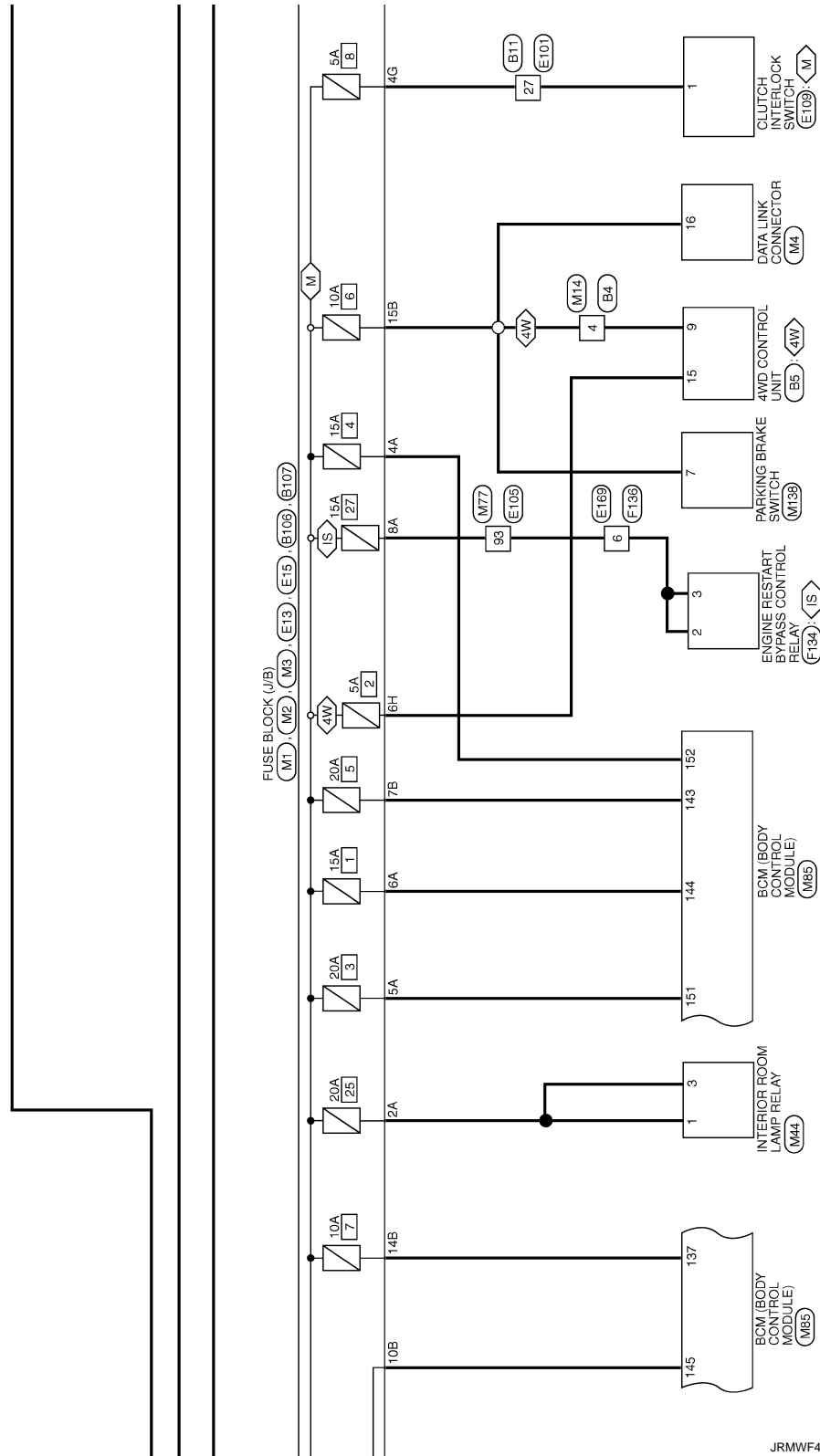


JRMWF4102GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

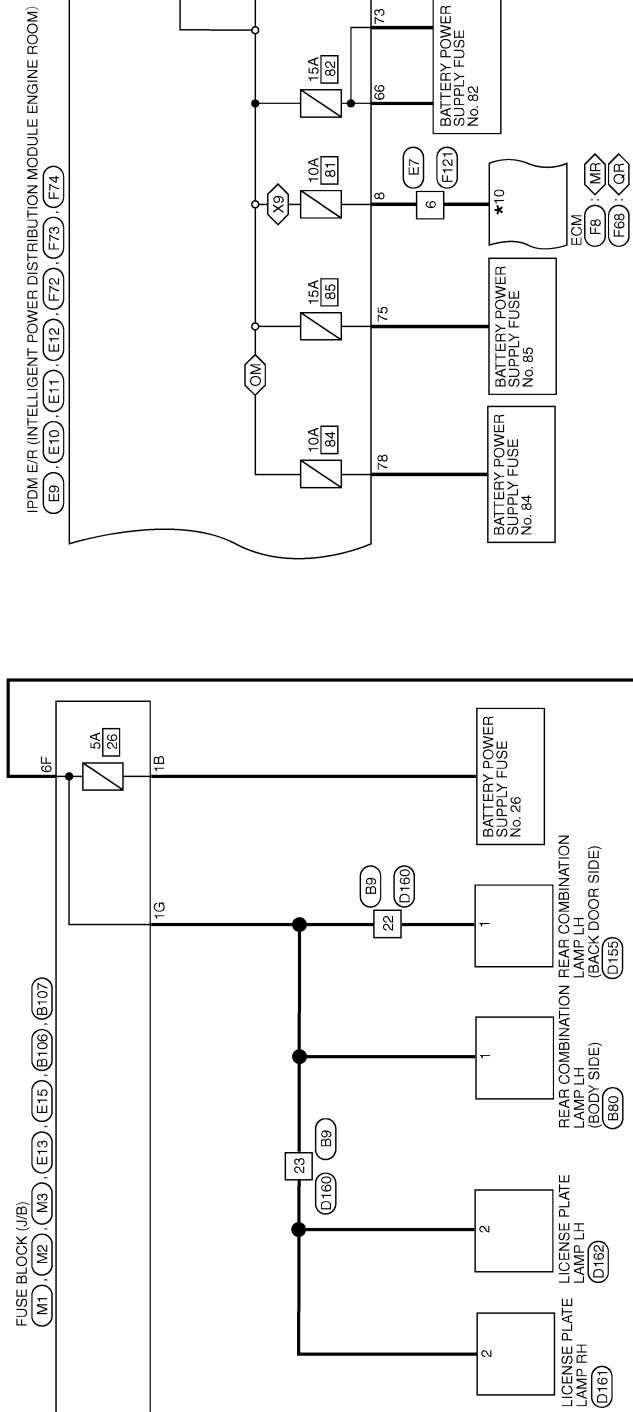
- : 4WD models
- : With headlamp aiming control system (MANUAL)
- : MF engine models with M/T
- : R9M engine models with M/T
- : With siren control



JRMWF4103GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



JRMWF4104GB

< WIRING DIAGRAM >



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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|--------------|
| Connector No. | B4 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS16MW-CS |



| | | | | | | |
|----|----|----|----|----|----|----|
| 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 16 | 15 | 14 | 13 | 12 | 11 | 10 |
| 9 | 8 | | | | | |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 4 | LAG | - |
| 5 | W | - |
| 6 | G | - |
| 7 | R | - |
| 8 | LAG | - |
| 9 | P | - |
| 10 | R | - |
| 11 | LAV | - |
| 12 | LAL | - |
| 13 | LAV | - |
| 14 | LAVG | - |
| 15 | LAVR | - |
| 16 | R | - |

| | |
|----------------|------------------|
| Connector No. | B5 |
| Connector Name | 4WD CONTROL UNIT |
| Connector Type | TH16FW-NH |



| | | | | | | | |
|---|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | SB | 4WD SOL (+) |
| 2 | Y | 4WD SOL (-) |
| 5 | V | AUTO SW |
| 7 | LAV | IGN |
| 8 | L | CANH |
| 9 | LAG | 4WD SOL BAT |

| | | |
|----|-----|----------------------|
| 10 | B | GROUND |
| 11 | B | GROUND |
| 12 | GR | 2WD SW |
| 14 | Y | LOCK SW |
| 15 | LAL | BATTERY POWER SUPPLY |
| 16 | P | CANL |

| | |
|----------------|--------------|
| Connector No. | B9 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH2MW-NH |



| | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 4 | W | - |
| 5 | R | - |
| 6 | B | - |
| 7 | W | - |
| 8 | SHIELD | - |
| 13 | W | - |
| 14 | V | - |
| 15 | BR | - |
| 16 | SB | - |
| 17 | LAV | - |
| 18 | LAVR | - |
| 19 | LG | - |
| 20 | LAG | - |
| 21 | LAV | - |
| 22 | LAVR | - |
| 23 | LAV | - |
| 24 | R | - |
| 29 | Y | - |
| 30 | G | - |
| 31 | GR | - |
| 32 | LG | - |

| | |
|----------------|------------------|
| Connector No. | B11 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH8MDGY-CS16-TM4 |



| | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | - |
| 2 | LAVR | - |
| 5 | BG | - |
| 11 | BR | - |
| 12 | W | - |
| 13 | P | - |
| 14 | SB | - |
| 15 | V | - |
| 16 | P | - |
| 17 | P | - |
| 18 | G | - |
| 19 | P | - |
| 20 | R | - |
| 21 | BR | - |
| 22 | Y | - |
| 23 | BG | - |
| 24 | SB | - |
| 25 | G | - |
| 26 | B | - |
| 27 | P | - |
| 28 | R | - |
| 29 | LG | - |
| 30 | P | - |
| 92 | BR | - |
| 93 | GR | - |
| 94 | Y | - |
| 95 | LG | - |
| 97 | LG | - |

| | |
|----------------|----------------------------------|
| Connector No. | B25 |
| Connector Name | AUTOMATIC BACK DOOR CONTROL UNIT |
| Connector Type | YEA10FGY-YH4 |



| | | | | |
|----|----|----|----|----|
| 25 | 27 | 29 | 30 | 31 |
| 32 | 34 | 35 | 36 | 37 |
| 38 | | | | |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 25 | W | BAT POWER SUPPLY |
| 27 | BR | P BD LH MTR OPEN |
| 29 | BR | P BD RH MTR OPEN |
| 30 | R | IR SENSOR POWER |
| 31 | L | LATCH MTR OPEN |
| 32 | B | GROUND |
| 34 | G | P BD LH MTR CLOSE |
| 35 | B | SHIELD NOISE |
| 36 | G | P BD RH MTR CLOSE |
| 37 | Y | Buzzer |
| 38 | SB | LATCH MTR CLOSE |

| | |
|----------------|----------------------|
| Connector No. | B67 |
| Connector Name | OPTION CONNECTOR (9) |
| Connector Type | MMRFW-LC |



| | | |
|---|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | GR | - |
| 2 | P | - |
| 3 | G | - |
| 4 | BR | - |
| 5 | BG | - |
| 6 | Y | - |

JRMWF4107GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|-------------------------------------|
| Connector No. | B90 |
| Connector Name | REAR COMBINATION LAMP L (BODY SIDE) |
| Connector Type | NS04MW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | LA/R | - |
| 2 | LA/Y | - |
| 3 | GR | - |
| 4 | B | - |

| | |
|----------------|------------------|
| Connector No. | B106 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | NS06FW-CS |



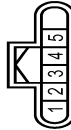
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1G | LA/R | - |
| 2G | P | - |
| 3G | G | - |
| 4G | P | - |
| 5G | G | - |

| | |
|----------------|------------------|
| Connector No. | B107 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | NS08FW-CS |



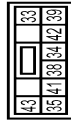
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2H | BR | - |
| 6H | LA/L | - |

| | |
|----------------|--------------------|
| Connector No. | B127 |
| Connector Name | SIREN CONTROL UNIT |
| Connector Type | RH06FB |



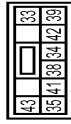
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | BR | BLINKER LINE |
| 2 | P | +B |
| 3 | V | COM. LINE |
| 4 | Y | SERIAL LINE |
| 5 | B | GND |

| | |
|----------------|------------------------------------|
| Connector No. | B472 |
| Connector Name | POWER SEAT SWITCH (PASSENGER SIDE) |
| Connector Type | NS10FW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 33 | R | - |
| 34 | B | - |
| 35 | G | - |
| 36 | GR | - |
| 39 | Y | - |
| 41 | V | - |
| 42 | P/B | - |
| 43 | - | - |

| | |
|----------------|---------------------------------|
| Connector No. | B492 |
| Connector Name | POWER SEAT SWITCH (DRIVER SIDE) |
| Connector Type | NS10FW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 33 | R | - |
| 34 | B | - |
| 35 | G | - |
| 38 | GR | - |
| 39 | Y | - |
| 41 | V | - |
| 42 | P/B | - |
| 43 | - | - |

| | |
|----------------|-----------------------|
| Connector No. | B505 |
| Connector Name | LUMBAR SUPPORT SWITCH |
| Connector Type | NS04FW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 33 | R | - |
| 48 | B | - |
| 57 | W | - |
| 58 | L | - |

| | |
|----------------|-----------------------|
| Connector No. | B515 |
| Connector Name | LUMBAR SUPPORT SWITCH |
| Connector Type | NS04FB-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 33 | R | - |
| 48 | B | - |
| 57 | W | - |
| 58 | L | - |

JRMWF4108GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|--------------------------|
| Connector No. | D6 |
| Connector Name | POWER WINDOW MAIN SWITCH |
| Connector Type | NS03FW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|----------------------------------------------------|
| 17 | L/AL | FRONT POWER WINDOW MOTOR (DRIVER SIDE) UP SIGNAL |
| 18 | L/AR | BATTERY POWER SUPPLY |
| 19 | L/ABR | FRONT POWER WINDOW MOTOR (DRIVER SIDE) DOWN SIGNAL |

| | |
|----------------|--------------------------|
| Connector No. | D26 |
| Connector Name | POWER WINDOW MAIN SWITCH |
| Connector Type | NS03FW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|----------------------------------------------------|
| 17 | L/AR | FRONT POWER WINDOW MOTOR (DRIVER SIDE) UP SIGNAL |
| 18 | L/AR | BATTERY POWER SUPPLY |
| 19 | L/ABR | FRONT POWER WINDOW MOTOR (DRIVER SIDE) DOWN SIGNAL |

| | |
|----------------|----------------------------------------|
| Connector No. | D155 |
| Connector Name | REAR COMBINATION LAMP (BACK DOOR SIDE) |
| Connector Type | NS03MW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | W | - |
| 2 | W | - |
| 3 | GR | - |

| | |
|----------------|--------------|
| Connector No. | D160 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH02FW-MH |



| | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 4 | W | - |
| 5 | W | - |
| 6 | W | - |
| 7 | W | - |
| 8 | W | - |
| 13 | W | - |
| 14 | W | - |
| 15 | W | - |
| 16 | W | - |
| 17 | W | - |
| 18 | W | - |
| 19 | W | - |
| 20 | W | - |
| 21 | W | - |
| 22 | W | - |
| 23 | W | - |
| 24 | W | - |

| | | |
|----|---|---|
| 29 | W | - |
| 30 | W | - |
| 31 | W | - |
| 32 | W | - |



| | |
|----------------|-----------------------|
| Connector No. | D161 |
| Connector Name | LICENSE PLATE LAMP RH |
| Connector Type | TK02FBR |



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

| | |
|----------------|-----------------------|
| Connector No. | D162 |
| Connector Name | LICENSE PLATE LAMP LH |
| Connector Type | TK02FBR |



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

| | |
|----------------|------------------------------------|
| Connector No. | E1 |
| Connector Name | BATTERY TERMINAL WITH FUSIBLE LINK |
| Connector Type | LO2FGY-MC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------------|
| 1 | G | - [With MR20 engine or R3M engine] |
| 1 | W | - [With QR25 engine] |
| 2 | L | - [With QR25 engine] |
| 2 | R | - [With MR20 engine or R3M engine] |

| | |
|----------------|------------------------------------|
| Connector No. | E2 |
| Connector Name | BATTERY TERMINAL WITH FUSIBLE LINK |
| Connector Type | LO2FBR-MC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------------|
| 3 | G | - [With QR25 engine] |
| 3 | L | - [With MR20 engine or R3M engine] |
| 4 | R | - [With QR25 engine] |
| 4 | W | - [With MR20 engine or R3M engine] |

JRMWF4109GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|-----------------------------|
| Connector No. | E4 |
| Connector Name | FUSE AND FUSIBLE LINK BLOCK |
| Connector Type | 24381-7990A |

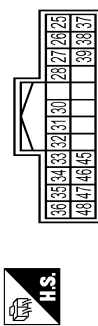
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523 | 524 | 525 | 526 | 527 | 528 | 529 | 530 | 531 | 532 | 533 | 534 | 535 | 536 | 537 | 538 | 539 | 540 | 541 | 542 | 543 | 544 | 545 | 546 | 547 | 548 | 549 | 550 | 551 | 552 | 553 | 554 | 555 | 556 | 557 | 558 | 559 | 560 | 561 | 562 | 563 | 564 | 565 | 566 | 567 | 568 | 569 | 570 | 571 | 572 | 573 | 574 | 575 | 576 | 577 | 578 | 579 | 580 | 581 | 582 | 583 | 584 | 585 | 586 | 587 | 588 | 589 | 590 | 591 | 592 | 593 | 594 | 595 | 596 | 597 | 598 | 599 | 600 | 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 | 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 | 628 | 629 | 630 | 631 | 632 | 633 | 634 | 635 | 636 | 637 | 638 | 639 | 640 | 641 | 642 | 643 | 644 | 645 | 646 | 647 | 648 | 649 | 650 | 651 | 652 | 653 | 654 | 655 | 656 | 657 | 658 | 659 | 660 | 661 | 662 | 663 | 664 | 665 | 666 | 667 | 668 | 669 | 670 | 671 | 672 | 673 | 674 | 675 | 676 | 677 | 678 | 679 | 680 | 681 | 682 | 683 | 684 | 685 | 686 | 687 | 688 | 689 | 690 | 691 | 692 | 693 | 694 | 695 | 696 | 697 | 698 | 699 | 700 | 701 | 702 | 703 | 704 | 705 | 706 | 707 | 708 | 709 | 710 | 711 | 712 | 713 | 714 | 715 | 716 | 717 | 718 | 719 | 720 | 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 | 729 | 730 | 731 | 732 | 733 | 734 | 735 | 736 | 737 | 738 | 739 | 740 | 741 | 742 | 743 | 744 | 745 | 746 | 747 | 748 | 749 | 750 | 751 | 752 | 753 | 754 | 755 | 756 | 757 | 758 | 759 | 760 | 761 | 762 | 763 | 764 | 765 | 766 | 767 | 768 | 769 | 770 | 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 | 780 | 781 | 782 | 783 | 784 | 785 | 786 | 787 | 788 | 789 | 790 | 791 | 792 | 793 | 794 | 795 | 796 | 797 | 798 | 799 | 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 | 810 | 811 | 812 | 813 | 814 | 815 | 816 | 817 | 818 | 819 | 820 | 821 | 822 | 823 | 824 | 825 | 826 | 827 | 828 | 829 | 830 | 831 | 832 | 833 | 834 | 835 | 836 | 837 | 838 | 839 | 840 | 841 | 842 | 843 | 844 | 845 | 846 | 847 | 848 | 849 | 850 | 851 | 852 | 853 | 854 | 855 | 856 | 857 | 858 | 859 | 860 | 861 | 862 | 863 | 864 | 865 | 866 | 867 | 868 | 869 | 870 | 871 | 872 | 873 | 874 | 875 | 876 | 877 | 878 | 879 | 880 | 881 | 882 | 883 | 884 | 885 | 886 | 887 | 888 | 889 | 890 | 891 | 892 | 893 | 894 | 895 | 896 | 897 | 898 | 899 | 900 | 901 | 902 | 903 | 904 | 905 | 906 | 907 | 908 | 909 | 910 | 911 | 912 | 913 | 914 | 915 | 916 | 917 | 918 | 919 | 920 | 921 | 922 | 923 | 924 | 925 | 926 | 927 | 928 | 929 | 930 | 931 | 932 | 933 | 934 | 935 | 936 | 937 | 938 | 939 | 940 | 941 | 942 | 943 | 944 | 945 | 946 | 947 | 948 | 949 | 950 | 951 | 952 | 953 | 954 | 955 | 956 | 957 | 958 | 959 | 960 | 961 | 962 | 963 | 964 | 965 | 966 | 967 | 968 | 969 | 970 | 971 | 972 | 973 | 974 | 975 | 976 | 977 | 978 | 979 | 980 | 981 | 982 | 983 | 984 | 985 | 986 | 987 | 988 | 989 | 990 | 991 | 992 | 993 | 994 | 995 | 996 | 997 | 998 | 999 | 1000 | 1001 | 1002 | 1003 | 1004 | 1005 | 1006 | 1007 | 1008 | 1009 | 1010 | 1011 | 1012 | 1013 | 1014 | 1015 | 1016 | 1017 | 1018 | 1019 | 1020 | 1021 | 1022 | 1023 | 1024 | 1025 | 1026 | 1027 | 1028 | 1029 | 1030 | 1031 | 1032 | 1033 | 1034 | 1035 | 1036 | 1037 | 1038 | 1039 | 1040 | 1041 | 1042 | 1043 | 1044 | 1045 | 1046 | 1047 | 1048 | 1049 | 1050 | 1051 | 1052 | 1053 | 1054 | 1055 | 1056 | 1057 | 1058 | 1059 | 1060 | 1061 | 1062 | 1063 | 1064 | 1065 | 1066 | 1067 | 1068 | 1069 | 1070 | 1071 | 1072 | 1073 | 1074 | 1075 | 1076 | 1077 | 1078 | 1079 | 1080 | 1081 | 1082 | 1083 | 1084 | 1085 | 1086 | 1087 | 1088 | 1089 | 1090 | 1091 | 1092 | 1093 | 1094 | 1095 | 1096 | 1097 | 1098 | 1099 | 1100 | 1101 | 1102 | 1103 | 1104 | 1105 | 1106 | 1107 | 1108 | 1109 | 1110 | 1111 | 1112 | 1113 | 1114 | 1115 | 1116 | 1117 | 1118 | 1119 | 1120 | 1121 | 1122 | 1123 | 1124 | 1125 | 1126 | 1127 | 1128 | 1129 | 1130 | 1131 | 1132 | 1133 | 1134 | 1135 | 1136 | 1137 | 1138 | 1139 | 1140 | 1141 | 1142 | 1143 | 1144 | 1145 | 1146 | 1147 | 1148 | 1149 | 1150 | 1151 | 1152 | 1153 | 1154 | 1155 | 1156 | 1157 | 1158 | 1159 | 1160 | 1161 | 1162 | 1163 | 1164 | 1165 | 1166 | 1167 | 1168 | 1169 | 1170 | 1171 | 1172 | 1173 | 1174 | 1175 | 1176 | 1177 | 1178 | 1179 | 1180 | 1181 | 1182 | 1183 | 1184 | 1185 | 1186 | 1187 | 1188 | 1189 | 1190 | 1191 | 1192 | 1193 | 1194 | 1195 | 1196 | 1197 | 1198 | 1199 | 1200 | 1201 | 1202 | 1203 | 1204 | 1205 | 1206 | 1207 | 1208 | 1209 | 1210 | 1211 | 1212 | 1213 | 1214 | 1215 | 1216 | 1217 | 1218 | 1219 | 1220 | 1221 | 1222 | 1223 | 1224 | 1225 | 1226 | 1227 | 1228 | 1229 | 1230 | 1231 | 1232 | 1233 | 1234 | 1235 | 1236 | 1237 | 1238 | 1239 | 1240 | 1241 | 1242 | 1243 | 1244 | 1245 | 1246 | 1247 | 1248 | 1249 | 1250 | 1251 | 1252 | 1253 | 1254 | 1255 | 1256 | 1257 | 1258 | 1259 | 1260 | 1261 | 1262 | 1263 | 1264 | 1265 | 1266 | 1267 | 1268 | 1269 | 1270 | 1271 | 1272 | 1273 | 1274 | 1275 | 1276 | 1277 | 1278 | 1279 | 1280 | 1281 | 1282 | 1283 | 1284 | 1285 | 1286 | 1287 | 1288 | 1289 | 1290 | 1291 | 1292 | 1293 | 1294 | 1295 | 1296 | 1297 | 1298 | 1299 | 1300 | 1301 | 1302 | 1303 | 1304 | 1305 | 1306 | 1307 | 1308 | 1309 | 1310 | 1311 | 1312 | 1313 | 1314 | 1315 | 1316 | 1317 | 1318 | 1319 | 1320 | 1321 | 1322 | 1323 | 1324 | 1325 | 1326 | 1327 | 1328 | 1329 | 1330 | 1331 | 1332 | 1333 | 1334 | 1335 | 1336 | 1337 | 1338 | 1339 | 1340 | 1341 | 1342 | 1343 | 1344 | 1345 | 1346 | 1347 | 1348 | 1349 | 1350 | 1351 | 1352 | 1353 | 1354 | 1355 | 1356 | 1357 | 1358 | 1359 | 1360 | 1361 | 1362 | 1363 | 1364 | 1365 | 1366 | 1367 | 1368 | 1369 | 1370 | 1371 | 1372 | 1373 | 1374 | 1375 | 1376 | 1377 | 1378 | 1379 | 1380 | 1381 | 1382 | 1383 | 1384 | 1385 | 1386 | 1387 | 1388 | 1389 | 1390 | 1391 | 1392 | 1393 | 1394 | 1395 | 1396 | 1397 | 1398 | 1399 | 1400 | 1401 | 1402 | 1403 | 1404 | 1405 | 1406 | 1407 | 1408 | 1409 | 1410 | 1411 | 1412 | 1413 | 1414 | 1415 | 1416 | 1417 | 1418 | 1419 | 1420 | 1421 | 1422 | 1423 | 1424 | 1425 | 1426 | 1427 | 1428 | 1429 | 1430 | 1431 | 1432 | 1433 | 1434 | 1435 | 1436 | 1437 | 1438 | 1439 | 1440 | 1441 | 1442 | 1443 | 1444 | 1445 | 1446 | 1447 | 1448 | 1449 | 1450 | 1451 | 1452 | 1453 | 1454 | 1455 | 1456 | 1457 | 1458 | 1459 | 1460 | 1461 | 1462 | 1463 | 1464 | 1465 | 1466 | 1467 | 1468 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|------------------------------------------------------------|
| Connector No. | E12 |
| Connector Name | POWER INTELLIGENT POWER DIS TRIBUTION MODULE (ENGINE ROOM) |
| Connector Type | TH24FGY-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 25 | LG | - |
| 26 | W | - |
| 27 | SB | - |
| 28 | P | - |
| 29 | L | - |
| 30 | G | - |
| 31 | B | - |
| 32 | B | - |
| 33 | B | - |
| 34 | LG | - |
| 35 | V | - |
| 36 | Y | - |
| 37 | B | - |
| 38 | GR | - |
| 39 | BR | - |
| 40 | L | - |
| 41 | P | - |
| 42 | W | - |
| 43 | W | - |
| 44 | R | - |

| | |
|----------------|------------------|
| Connector No. | E13 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | L01FW-MC |



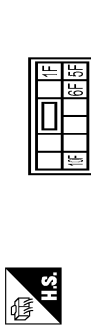
| | |
|-----------------------------|----|
| Terminal No. | 1D |
| Color Of Wire | G |
| Signal Name [Specification] | - |

| | |
|----------------|------------------|
| Connector No. | E14 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | M01FW-LC |



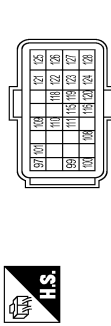
| | |
|-----------------------------|----|
| Terminal No. | 1E |
| Color Of Wire | L |
| Signal Name [Specification] | - |

| | |
|----------------|------------------|
| Connector No. | E15 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | N01FW-CS |



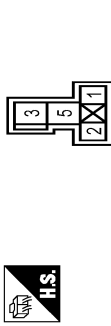
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 10F | L | - |
| 11F | W | - |
| 5F | V | - |
| er | v | |

| | |
|----------------|-----------------|
| Connector No. | E16 |
| Connector Name | ECM |
| Connector Type | RP24FB-RZ8-L-LH |



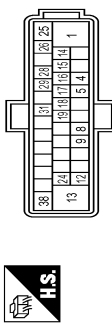
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-------------------------------------|
| 97 | W | BAROMETRIC PRESSURE SENSOR |
| 98 | P | CANL |
| 99 | L | CANL |
| 100 | L | CANL |
| 101 | Y | SENSOR POWER SUPPLY |
| 102 | R | CLUTCH PEDAL POSITION SWITCH |
| 103 | LG | IGNITION SWITCH |
| 104 | G | ASC/D STEERING SWITCH |
| 105 | BR | SENSOR GROUND |
| 106 | V | STOP LAMP SWITCH |
| 107 | GR | BRAKE PEDAL POSITION SWITCH |
| 108 | SB | SENSOR POWER SUPPLY |
| 109 | Y | ACCELERATOR PEDAL POSITION SENSOR 2 |
| 110 | LG | SENSOR GROUND |
| 111 | BR | POWER SUPPLY FOR ECM |
| 112 | V | SENSOR GROUND |
| 113 | B | ECM GROUND |
| 114 | R | SENSOR GROUND |
| 115 | B | ECM GROUND |
| 116 | GR | ACCELERATOR PEDAL POSITION SENSOR 1 |
| 117 | R | SENSOR GROUND |
| 118 | B | ECM GROUND |

| | |
|----------------|-----------------------|
| Connector No. | E32 |
| Connector Name | HEADLAMP WASHER RELAY |
| Connector Type | MS02FL-M2-LC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | R | - |
| 2 | L | - |
| 3 | G | - |
| 4 | GR | - |

| | |
|----------------|----------------------------------------------|
| Connector No. | E36 |
| Connector Name | ABS ACTUATOR AND ELECTRIC UNIT (CENTER UNIT) |
| Connector Type | BE24FB-BH2-BJ22-RH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------------|
| 1 | Y | MOTOR POWER SUPPLY |
| 2 | SB | FR RH WHEEL SENSOR SIGNAL |
| 3 | V | BRAKE VACUUM SENSOR POWER SUPPLY |
| 4 | P | FR LH WHEEL SENSOR SIGNAL |
| 5 | Y | hill descent control SWITCH SIGNAL |
| 6 | LG | BRAKE VACUUM SENSOR SIGNAL |
| 7 | B | GROUND (MOTOR) |
| 8 | P | CANL |
| 9 | BR | VDC OFF SWITCH SIGNAL |
| 10 | R | FR RH WHEEL SENSOR POWER SUPPLY |
| 11 | Y | RR RH WHEEL SENSOR POWER SUPPLY |
| 12 | G | RR LH WHEEL SENSOR SIGNAL |
| 13 | W | FR LH WHEEL SENSOR POWER SUPPLY |
| 14 | SHIELD | BRAKE VACUUM SENSOR GROUND |
| 15 | BR | VALVE POWER SUPPLY |
| 16 | L | CANL |

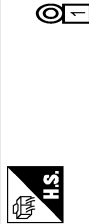
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| Connector No. | Signal Name [Specification] |
|---------------|---------------------------------|
| 28 GR | IGNITION POWER SUPPLY |
| 29 LG | RR RH WHEEL SENSOR SIGNAL |
| 31 BR | RR LH WHEEL SENSOR POWER SUPPLY |
| 38 B | GROUND (VALVE) |

| Connector No. | Signal Name [Specification] |
|---------------|-----------------------------|
| E64 | STARTER MOTOR |
| 24340 JG04B | |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 6 | B/R | |

| Connector No. | Signal Name [Specification] |
|---------------|-----------------------------|
| E68 | ALTERNATOR |
| 24340 65F42 | |



| Connector No. | Signal Name [Specification] |
|---------------|------------------------------------|
| E65 | BATTERY TERMINAL WITH FUSIBLE LINK |
| 24340 JA040 | |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 5 | B/R | |

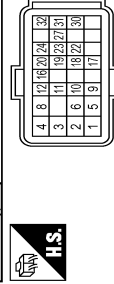
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | |
| 2 | R | |
| 3 | GR | |

| Connector No. | Signal Name [Specification] |
|---------------|-----------------------------|
| E71 | FUSIBLE LINK HOLDER |
| 24390 JL00A | |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| N | R | |
| O | GR | |

| Connector No. | Signal Name [Specification] |
|-----------------|-----------------------------|
| E79 | ECM |
| RH24FB-R28-R-RH | |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---------------------------------------------------------------|
| 1 | B | ECM GROUND |
| 2 | W | ACCELERATOR PEDAL POSITION SENSOR 1 |
| 3 | Y | SENSOR GROUND ACCELERATOR PEDAL POSITION SENSOR 1 |
| 4 | B | ECM GROUND |
| 5 | L | POWER SUPPLY FOR ECM |
| 6 | G | ECM GROUND |
| 8 | B | ECM GROUND |
| 9 | L | FUEL WATER AND WATER IN FUEL LEVEL SENSOR |
| 10 | L | SENSOR POWER SUPPLY FUEL WATER AND WATER IN FUEL LEVEL SENSOR |
| 11 | V | ACCELERATOR PEDAL POSITION SENSOR 2 |
| 12 | P | SENSOR GROUND ACCELERATOR PEDAL POSITION SENSOR 2 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--------------------------------------|
| 16 | BG | STOP LAMP SWITCH (WITH M/T) |
| 17 | R | IGNITION SWITCH |
| 18 | LG | ASCD STEERING SWITCH |
| 19 | BR | SENSOR GROUND (ASCD STEERING SWITCH) |
| 20 | BR | FUEL PUMP CONTROL MODULE (DIAGNOSIS) |
| 22 | G | FUEL PUMP CONTROL MODULE (DIAGNOSIS) |
| 23 | V | SPEED LIMITER MAIN SWITCH |
| 24 | R | CLUTCH PEDAL POSITION SWITCH |
| 27 | V | CLUTCH INTERLOCK SWITCH |
| 30 | BR | ASCD MAIN SWITCH |
| 31 | P | CANL |
| 32 | L | CANH |

| Connector No. | Signal Name [Specification] |
|-------------------|-----------------------------|
| E101 | WIRE TO WIRE |
| TH80FDGY-CS16-TM4 | |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | |
| 2 | W | |
| 5 | G | |
| 11 | BR | |
| 12 | W | |
| 13 | P | |
| 14 | SB | |
| 15 | V | |
| 16 | P | |
| 17 | P | |
| 18 | G | |
| 19 | P | |
| 20 | G | |
| 21 | BR | |
| 22 | LG | |
| 23 | Y | |
| 24 | SB | |
| 25 | G | |
| 26 | B | |
| 27 | P | |
| 28 | R | |

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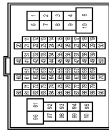
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | | |
|----|----|---|
| 29 | LG | - |
| 30 | P | - |
| 92 | BR | - |
| 93 | GR | - |
| 94 | R | - |
| 95 | L | - |
| 97 | LG | - |

| | |
|----------------|-----------------|
| Connector No. | E105 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH80FW-GS16-TM4 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2 | W | - |
| 5 | V | - [Without ISS] |
| 5 | W | - [With ISS] |
| 8 | L | - |
| 9 | LG | - |
| 10 | W | - |
| 20 | W | - |
| 21 | B | - |
| 22 | SHIELD | - |
| 31 | Y | - |
| 32 | W | - |
| 33 | SB | - |
| 34 | LG | - |
| 35 | BG | - |
| 36 | LG | - |
| 37 | V | - |
| 38 | G | - |
| 39 | BR | - |
| 40 | L | - |
| 41 | P | - |
| 47 | GR | - |
| 48 | SB | - |
| 51 | P | - |
| 52 | L | - |
| 53 | W | - |
| 54 | Y | - |
| 55 | BR | - |

| | | |
|----|--------|---|
| 56 | P | - |
| 57 | B | - |
| 58 | L | - |
| 59 | W | - |
| 60 | G | - |
| 61 | BR | - |
| 62 | V | - |
| 63 | BR | - |
| 64 | GR | - |
| 65 | LG | - |
| 66 | BG | - |
| 67 | L | - |
| 68 | R | - |
| 71 | V | - |
| 72 | L | - |
| 73 | R | - |
| 76 | L | - |
| 77 | V | - |
| 78 | LG | - |
| 79 | SHIELD | - |
| 80 | GR | - |
| 83 | SB | - |
| 84 | L | - |
| 85 | G | - |
| 86 | Y | - |
| 87 | B | - |
| 88 | B | - |
| 91 | R | - |
| 92 | BR | - |
| 93 | W | - |
| 96 | GR | - |
| 97 | R | - |
| 98 | V | - |
| 99 | Y | - |

| | |
|----------------|--------------|
| Connector No. | E106 |
| Connector Name | WIRE TO WIRE |
| Connector Type | LU2FB-MC |



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

| | |
|----------------|-------------------------|
| Connector No. | E109 |
| Connector Name | CLUTCH INTERLOCK SWITCH |
| Connector Type | M02FER-LC |



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

| | |
|----------------|------------------|
| Connector No. | E115 |
| Connector Name | STOP LAMP SWITCH |
| Connector Type | M04FW-LC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | V | - |
| 2 | LG | - |
| 3 | L | - |
| 4 | W | - |

| | |
|----------------|------------------|
| Connector No. | E120 |
| Connector Name | STOP LAMP SWITCH |
| Connector Type | M04FW-LC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | V | - |
| 2 | LG | - |
| 3 | Y | - |
| 4 | W | - |

JRMWF4113GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|------------------|
| Connector No. | E121 |
| Connector Name | STOP LAMP SWITCH |
| Connector Type | M04FW-LC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | V | - |
| 2 | LG | - |
| 3 | Y | - |
| 4 | W | - |

| | |
|----------------|-----------------------|
| Connector No. | E137 |
| Connector Name | FUSIBLE LINK HOLDER-1 |
| Connector Type | 24380 JL00A |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| W | W | - |
| X | W | - |

| | |
|----------------|--------------|
| Connector No. | E139 |
| Connector Name | PTC RELAY-1 |
| Connector Type | MS02FL-M2-LC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | V | - |
| 2 | LG | - |
| 3 | GR | - |
| 5 | L | - |

| | |
|----------------|--------------|
| Connector No. | E140 |
| Connector Name | PTC RELAY-2 |
| Connector Type | MS02FL-M2-LC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | BG | - |
| 2 | SB | - |
| 3 | P | - |
| 5 | G | - |

| | |
|----------------|--------------|
| Connector No. | E141 |
| Connector Name | PTC RELAY-3 |
| Connector Type | MS02FL-M2-LC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 2 | W | - |
| 3 | BG | - |
| 5 | Y | - |

| | |
|----------------|--------------|
| Connector No. | E169 |
| Connector Name | WIRE TO WIRE |
| Connector Type | M06MW-LC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | W | - |
| 2 | BG | - |
| 3 | L | - |
| 4 | W | - |
| 5 | G | - |
| 6 | W | - |

| | |
|----------------|------------------------------------|
| Connector No. | F4 |
| Connector Name | BATTERY TERMINAL WITH FUSIBLE LINK |
| Connector Type | L01FB-MC |



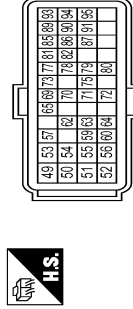
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 7 | W | - |

| | |
|----------------|------------------------------------|
| Connector No. | F5 |
| Connector Name | BATTERY TERMINAL WITH FUSIBLE LINK |
| Connector Type | L01FB-MC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 5 | W | - |

| | |
|----------------|------------------|
| Connector No. | F8 |
| Connector Name | ECM |
| Connector Type | RH40FBR-R28-R-LH |



JRMWF4114GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---------------------------------------------------|
| 49 | Y | FUEL INJECTOR DRIVER POWER SUPPLY 1 |
| 50 | Y | HIGH PRESSURE FUEL PUMP RELAY |
| 51 | W | HIGH PRESSURE FUEL PUMP(H) |
| 52 | B | HIGH PRESSURE FUEL PUMP(LO) |
| 53 | W | FUEL INJECTOR DRIVER POWER SUPPLY 2 |
| 54 | BR | ECM GROUND |
| 55 | GR | ECM GROUND |
| 56 | B | ECM GROUND |
| 57 | Y | HEATED OXYGEN SENSOR |
| 59 | B | SENSOR GROUND |
| 60 | R | SENSOR POWER SUPPLY |
| 62 | B | SHIELD |
| 63 | G | THROTTLE POSITION SENSOR 1 |
| 64 | Y | AIR FUEL RATIO (AF) SENSOR 1 |
| 65 | W | VMOT |
| 69 | R | THROTTLE CONTROL MOTOR (OPEN) |
| 70 | SHIELD | SHIELD |
| 71 | W | THROTTLE POSITION SENSOR 2 |
| 72 | G | SENSOR GROUND |
| 73 | L | THROTTLE CONTROL MOTOR (CLOSE) |
| 75 | B | SENSOR GROUND |
| 77 | BG | ECM CANISTER PURGE VALVE CONTROL SOLENOID VALVE |
| 78 | Y | IGNITION SIGNAL NO.1 |
| 79 | V | INTAKE MANIFOLD RUNNER CONTROL VALVE POWER SUPPLY |
| 80 | V | THROTTLE MOTOR RELAY |
| 81 | G | INTAKE MANIFOLD RUNNER CONTROL VALVE (CLOSE) |
| 82 | BR | IGNITION SIGNAL NO.2 |
| 85 | Y | INTAKE MANIFOLD RUNNER CONTROL VALVE (OPEN) |
| 86 | W | IGNITION SIGNAL NO.3 |
| 87 | P | FUEL PUMP RELAY |
| 89 | V | HEATED OXYGEN SENSOR HEATER |
| 90 | SB | IGNITION SIGNAL NO.4 |
| 91 | P | ECM RELAY (SELF SHUT-OFF) |
| 93 | P | AIR FUEL RATIO (AF) SENSOR 1 HEATER |
| 94 | G | INTAKE VALVE TIMING CONTROL SOLENOID VALVE |
| 95 | GR | EXHAUST VALVE TIMING CONTROL SOLENOID VALVE |

| | |
|----------------|---------------|
| Connector No. | F11 |
| Connector Name | STARTER MOTOR |
| Connector Type | 24340-JA06A |



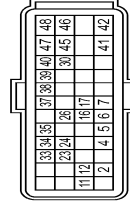
| | | |
|--------------|---------------|-----------------------------|
| Terminal No. | Color Of Wire | Signal Name [Specification] |
| 1 | BR | - |

| | |
|----------------|-------------|
| Connector No. | F14 |
| Connector Name | ALTERNATOR |
| Connector Type | 24340-EN013 |



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

| | |
|----------------|-----------------|
| Connector No. | F23 |
| Connector Name | TCM |
| Connector Type | RH40FB-FZ29L-RH |



| | | |
|--------------|---------------|----------------------------------------|
| Terminal No. | Color Of Wire | Signal Name [Specification] |
| 2 | GR | - |
| 4 | Y | D RANGE SWITCH |
| 5 | BR | N RANGE SWITCH |
| 6 | G | R RANGE SWITCH |
| 7 | V | P RANGE SWITCH |
| 11 | LG | SENSOR GROUND |
| 12 | BR | CVT FLUID TEMPERATURE SENSOR |
| 16 | SB | SECONDARY PRESSURE SENSOR |
| 17 | R | PRIMARY PRESSURE SENSOR |
| 23 | P | CANL |
| 24 | LG | INPUT SPEED SENSOR |
| 26 | BG | SENSOR POWER SUPPLY |
| 30 | GR | LINE PRESSURE SOLENOID VALVE |
| 33 | L | CANH |
| 34 | W | OUTPUT SPEED SENSOR |
| 35 | GR | PRIMARY SPEED SENSOR |
| 37 | Y | SELECT SOLENOID VALVE |
| 38 | G | TORQUE CONVERTER CLUTCH SOLENOID VALVE |
| 39 | W | SECONDARY PRESSURE SOLENOID VALVE |
| 40 | V | PRIMARY PRESSURE SOLENOID VALVE |
| 41 | B | GROUND |
| 42 | B | GROUND |
| 45 | V | BATTERY POWER SUPPLY |
| 46 | V | BATTERY POWER SUPPLY |
| 47 | BG | IGNITION POWER SUPPLY |
| 48 | BG | IGNITION POWER SUPPLY |

| | |
|----------------|---------------------|
| Connector No. | F26 |
| Connector Name | FUEL INJECTOR RELAY |
| Connector Type | M00FBR-R-LC |



| | | |
|--------------|---------------|-----------------------------|
| Terminal No. | Color Of Wire | Signal Name [Specification] |
| 1 | L | - |
| 2 | B | - |
| 3 | V | - |
| 6 | Y | - |
| 6 | LG | - |
| 7 | W | - |

| | |
|----------------|------------------------------|
| Connector No. | F27 |
| Connector Name | AIR FUEL RATIO (AF) SENSOR 1 |
| Connector Type | RH40FDGY-P |



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

| | |
|----------------|----------------------|
| Connector No. | F30 |
| Connector Name | MASS AIR FLOW SENSOR |
| Connector Type | RH00FB |



| | | |
|--------------|---------------|-----------------------------|
| Terminal No. | Color Of Wire | Signal Name [Specification] |
| 1 | L | - |
| 2 | V | - |
| 3 | BR | - |
| 4 | L | - |
| 5 | L | - |

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|------------------------|
| Connector No. | F31 |
| Connector Name | HEATED OXYGEN SENSOR 2 |
| Connector Type | RHMFB-P |



| | |
|----------------|---------------------------------------------|
| Connector No. | F33 |
| Connector Name | IGNITION COIL No. 1 (WITH POWER TRANSISTOR) |
| Connector Type | E03FGY-RS |



| | |
|----------------|---------------------------------------------|
| Connector No. | F35 |
| Connector Name | IGNITION COIL No. 3 (WITH POWER TRANSISTOR) |
| Connector Type | E03FGY-RS |



| | |
|----------------|--------------------|
| Connector No. | F37 |
| Connector Name | FUEL INJECTOR No.1 |
| Connector Type | HS02FGY |



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

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

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | W | - |
| 2 | B | - |
| 3 | BG | - |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | LG | - [With QR25 engine] |
| 1 | W | - [With MR20 engine] |
| 2 | B | - [With MR20 engine] |
| 2 | L | - [With QR25 engine] |

| | |
|----------------|---------------------------------------------------|
| Connector No. | F32 |
| Connector Name | SWAP GAMSTER PULSE VOLUME CONTROL SOLENOID (SWAS) |
| Connector Type | E02FL-RS |



| | |
|----------------|---------------------------------------------|
| Connector No. | F34 |
| Connector Name | IGNITION COIL No. 2 (WITH POWER TRANSISTOR) |
| Connector Type | E03FGY-RS |



| | |
|----------------|---------------------------------------------|
| Connector No. | F36 |
| Connector Name | IGNITION COIL No. 4 (WITH POWER TRANSISTOR) |
| Connector Type | E03FGY-RS |



| | |
|----------------|--------------------|
| Connector No. | F38 |
| Connector Name | FUEL INJECTOR No.2 |
| Connector Type | HS02FGY |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | BG | - [With QR25 engine] |
| 1 | W | - [With MR20 engine] |
| 2 | BG | - [With MR20 engine] |
| 2 | Y | - [With QR25 engine] |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | BR | - |
| 2 | GR | - |
| 3 | P | - |

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

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | BG | - [With QR25 engine] |
| 1 | W | - [With MR20 engine] |
| 2 | B | - [With MR20 engine] |
| 2 | G | - [With QR25 engine] |

JRMWF4116GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|--------------------|
| Connector No. | F39 |
| Connector Name | FUEL INJECTOR No.3 |
| Connector Type | HS02FGY |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | W | - |
| 2 | B | - [With MR20 engine] |
| 2 | P | - [With GR25 engine] |

| | |
|----------------|--------------------|
| Connector No. | F40 |
| Connector Name | FUEL INJECTOR No.4 |
| Connector Type | HS02FGY |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | SB | - [With GR25 engine] |
| 1 | W | - [With MR20 engine] |
| 2 | B | - [With MR20 engine] |
| 2 | Y | - [With GR25 engine] |

| | |
|----------------|---------------------------------------------|
| Connector No. | F41 |
| Connector Name | EXHAUST VALVE TIMING CONTROL SOLENOID VALVE |
| Connector Type | E02FBR-RS-GY |



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

| | |
|----------------|------------------------|
| Connector No. | F44 |
| Connector Name | HEATED OXYGEN SENSOR 2 |
| Connector Type | RH04FLGY-P |



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

| | |
|----------------|--------------------------------------------|
| Connector No. | F45 |
| Connector Name | INTAKE VALVE TIMING CONTROL SOLENOID VALVE |
| Connector Type | E02FBR-RS-GY |



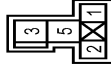
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 2 | G | - |

| | |
|----------------|---------------------|
| Connector No. | F52 |
| Connector Name | COOLING FAN MOTOR-1 |
| Connector Type | RS04FGY-PR |



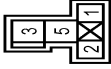
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | BG | - |
| 2 | BG | - |
| 3 | G | - |
| 4 | G | - |

| | |
|----------------|---------------------|
| Connector No. | F56 |
| Connector Name | COOLING FAN RELAY-2 |
| Connector Type | 24381-4BA1A |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | GR | - |
| 2 | V | - |
| 3 | G | - |
| 5 | P | - |

| | |
|----------------|---------------------|
| Connector No. | F57 |
| Connector Name | COOLING FAN RELAY-3 |
| Connector Type | 24381-4BA1A |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | GR | - |
| 2 | BR | - |
| 3 | G | - |
| 5 | GR | - |

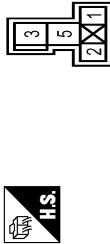
JRMWF4117GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

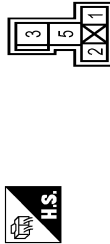
BATTERY POWER SUPPLY

| | |
|----------------|-------------------------------|
| Connector No. | F58 |
| Connector Name | HIGH PRESSURE FUEL PUMP RELAY |
| Connector Type | 24381-4BA1A |



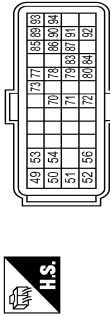
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 2 | B | - |
| 3 | BR | - |
| 5 | V | - |

| | |
|----------------|-------------------------|
| Connector No. | F66 |
| Connector Name | ELECTRIC OIL PUMP RELAY |
| Connector Type | MS02FL-M2-LC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | - |
| 2 | L | - |
| 3 | Y | - |
| 5 | R | - |

| | |
|----------------|----------------|
| Connector No. | F68 |
| Connector Name | ECM |
| Connector Type | RH40FBR-R28-LH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------------------------------|
| 49 | G | INTAKE IMBEDDED PINNER CONTROL VALVE NOTCH CLOSE |
| 50 | V | INTAKE IMBEDDED PINNER CONTROL VALVE NOTCH OPEN |
| 51 | Y | INTAKE IMBEDDED PINNER CONTROL VALVE NOTCH OPEN |
| 52 | B | ECM GROUND |
| 53 | P | AF SENSOR 1 HEATER |
| 54 | V | HEATED OXYGEN SENSOR 2 HEATER |
| 56 | GR | SENSOR GROUND |
| 70 | BR | CRANKSHAFT POSITION SENSOR |
| 71 | GR | SENSOR POWER SUPPLY |
| 72 | L | SHIELD |
| 73 | W | THROTTLE POSITION SENSOR 2 |
| 77 | B | SENSOR GROUND |
| 79 | G | THROTTLE POSITION SENSOR 1 |
| 80 | R | SENSOR POWER SUPPLY |
| 83 | L | INTAKE IMBEDDED PINNER CONTROL VALVE POSITION SENSOR |
| 84 | V | SENSOR POWER SUPPLY |
| 85 | G | LIN COMMUNICATION LINE |
| 86 | Y | IGNITION SIGNAL NO. 1 |
| 87 | BR | IGNITION SIGNAL NO. 2 |
| 89 | P | ECM RELAY (SELF SHUT-OFF) |
| 90 | W | IGNITION SIGNAL NO. 3 |
| 91 | SB | IGNITION SIGNAL NO. 4 |
| 92 | LG | SENSOR GROUND |
| 93 | L | INTAKE VALVE TIMING CONTROL SOLENOID VALVE |
| 94 | BR | EXHAUST VALVE TIMING CONTROL SOLENOID VALVE |

| | |
|----------------|-----------------------|
| Connector No. | F69 |
| Connector Name | STARTER CONTROL RELAY |
| Connector Type | MS02FL-M2-LC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | SB | - |
| 2 | G | - |
| 3 | L | - |
| 5 | GR | - |

| | |
|----------------|------------|
| Connector No. | F72 |
| Connector Name | INST6FW-CS |
| Connector Type | INST6FW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------|
| 65 | P | - |
| 66 | L | - [With R3M Engine] |
| 68 | R | - [With MR20 or QR25 Engine] |
| 67 | V | - [With CVT] |
| 70 | BG | - [With CVT] |
| 71 | SB | - [With MT] |
| 72 | GR | - |
| 73 | R | - [With R3M Engine] |
| 74 | Y | - [With MR20 or QR25 Engine] |
| 75 | BR | - [With MR20 or QR25 Engine] |
| 76 | L | - [With R3M Engine] |
| 78 | L | - [With QR25 engine] |
| 79 | G | - [With R3M Engine] |

| | |
|----------------|-----------------------------------------------------------|
| Connector No. | F73 |
| Connector Name | POWER INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM) |
| Connector Type | YLAGEFY |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 81 | G | - |
| 83 | L | - |
| 84 | GR | - |
| 85 | P | - |
| 86 | LG | - |

| | |
|----------------|----------------------------------------------------------|
| Connector No. | F74 |
| Connector Name | POWER INTELLIGENT POWER DISTRIBUTION MODULE (HOUSE ROOM) |
| Connector Type | TH24FB-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------|
| 87 | L | - |
| 88 | P | - |
| 89 | W | - |
| 90 | R | - |
| 92 | GR | - |
| 93 | G | - |
| 94 | SB | - [With R3M Engine] |
| 95 | LG | - [With MR20 or QR25 Engine] |
| 96 | W | - |
| 97 | P | - |
| 98 | Y | - |
| 99 | BG | - |
| 100 | LG | - |
| 101 | V | - |

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | | |
|-----|----|---|
| 102 | Y | - |
| 105 | W | - |
| 106 | BR | - |
| 107 | V | - |
| 110 | SB | - |

| | |
|----------------|------------------------------------|
| Connector No. | F75 |
| Connector Name | BATTERY TERMINAL WITH FUSIBLE LINK |
| Connector Type | 24348-51E05 |



| | |
|-----------------------------|----|
| Terminal No. | 6 |
| Color Of Wire | BR |
| Signal Name [Specification] | - |

| | |
|----------------|-----------------|
| Connector No. | F95 |
| Connector Name | ECM |
| Connector Type | RH40FB-RZ8-R-LH |



| | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|----|
| 1 | 9 | 13 | 17 | 21 | 25 | 33 | 37 | 41 | 45 |
| 2 | 10 | 14 | 18 | 22 | 26 | 34 | 38 | 42 | |
| 3 | | | | 23 | 27 | 31 | 35 | 39 | 43 |
| 4 | 8 | 12 | 16 | | | 28 | 32 | 36 | 40 |

| Terminal No. | Color Of Wire | Signal Name (Specification) |
|--------------|---------------|------------------------------------------------|
| 1 | G | THROTTLE CONTROL MOTOR (CLOSE) |
| 2 | GR | THROTTLE CONTROL MOTOR POWER SUPPLY |
| 3 | L | THROTTLE CONTROL MOTOR (OPEN) |
| 4 | W | KNOCK SENSOR |
| 6 | SHIELD | SENSOR GROUND |
| 9 | Y | FUEL INJECTOR NO. 4 |
| 10 | P | FUEL INJECTOR NO. 3 |
| 13 | L | FUEL INJECTOR NO. 1 |
| 14 | G | FUEL INJECTOR NO. 2 |
| 16 | BR | ECM GROUND |
| 17 | BG | SWP GASET BUREAU VOLUME CONTROL SOLENOID VALVE |
| 18 | P | FUEL PUMP RELAY |

| | | |
|----|--------|----------------------------------------------------------|
| 21 | V | THROTTLE CONTROL MOTOR RELAY |
| 22 | Y | HEATED OXYGEN SENSOR 2 |
| 23 | B | SENSOR GROUND |
| 25 | P | ENGINE OIL TEMPERATURE SENSOR |
| 26 | BR | SENSOR GROUND |
| 27 | L | SENSOR GROUND |
| 28 | G | ENGINE COOLANT TEMPERATURE SENSOR |
| 30 | R | SENSOR GROUND |
| 31 | W | CAKSHAFT POSITION SENSOR (PHASE) |
| 32 | B | SENSOR POWER SUPPLY |
| 33 | V | INTAKE AIR TEMPERATURE SENSOR |
| 34 | GR | SENSOR GROUND |
| 35 | BR | MASS AIR FLOW SENSOR |
| 36 | L | SENSOR POWER SUPPLY |
| 37 | SHIELD | SHIELD |
| 38 | SB | SENSOR GROUND |
| 39 | P | ENGINE OIL PRESSURE SENSOR |
| 40 | W | SENSOR POWER SUPPLY |
| 41 | Y | AIR SENSOR 1 |
| 42 | B | SENSOR GROUND |
| 43 | LG | EXHAUST VALVE TIMING CONTROL LOCK CONTROL SOLENOID VALVE |
| 44 | Y | SENSOR POWER SUPPLY |
| 45 | G | AIR SENSOR 1 |

| | |
|----------------|---------------------------------------------|
| Connector No. | F107 |
| Connector Name | EXHAUST VALVE TIMING CONTROL SOLENOID VALVE |
| Connector Type | E02FG-RS-LGY |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | BATT |
| 2 | BR | C/U |

| | |
|----------------|--------------------------------------------|
| Connector No. | F108 |
| Connector Name | INTAKE VALVE TIMING CONTROL SOLENOID VALVE |
| Connector Type | E02FG-RS-LGY |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | BATT |
| 2 | L | C/U |

| | |
|----------------|--------------------------------------------------------------|
| Connector No. | F111 |
| Connector Name | INTAKE VALVE TIMING INTERMEDIATE LOCK CONTROL SOLENOID VALVE |
| Connector Type | E02FG-RS-LGY |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | V | BATT |
| 2 | GR | C/U |

| | |
|----------------|-------------------------------|
| Connector No. | F116 |
| Connector Name | FUSE AND FUSIBLE LINK BLOCK-1 |
| Connector Type | 24381-4BA1A |



| | | | | | |
|---|----|----|----|----|----|
| 1 | 4 | 30 | 31 | 32 | 33 |
| A | A | A | A | A | A |
| 2 | 40 | 41 | 42 | 43 | 44 |
| A | A | A | A | A | A |
| 3 | P | Q | R | S | |

| Terminal | Color Of Wire | Signal Name (Specification) |
|----------|---------------|-----------------------------|
| 49 | V | - |
| 50 | GR | - |
| 51 | BR | - [With M20 engine] |
| 51 | R | - [With R30 Engine] |
| 52 | LG | - |
| 53 | V | - |
| P | BG | - [With M20 or G125 Engine] |
| P | W | - [With R30 Engine] |
| Q | LG | - |
| R | L | - |
| S | G | - |
| T | BR | - |

| | |
|----------------|-----------------|
| Connector No. | F117 |
| Connector Name | ECM |
| Connector Type | RH56FB-RZ8-R-LH |



| | | | | | |
|---|----|----|----|----|----|
| 1 | 8 | 16 | 24 | 32 | 40 |
| 2 | 9 | 17 | 25 | 33 | 41 |
| 3 | 10 | 18 | 26 | 34 | 42 |
| 4 | 11 | 19 | 27 | 35 | 43 |
| 5 | 12 | 20 | 28 | 36 | 44 |
| 6 | 13 | 21 | 29 | 37 | 45 |
| 7 | 14 | 22 | 30 | 38 | 46 |
| 8 | 15 | 23 | 31 | 39 | 47 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------------------------|
| 35 | R | GLOW PLUG CONTROL (COMMAND) |
| 37 | LG | VOLTAGE STABILIZER SIGNAL |
| 38 | GR | FUEL PUMP RELAY CONTROL |
| 41 | G | ECM RELAY (SELF SHUT-OFF) |
| 42 | Y | RESTART RELAY |
| 43 | R | FUEL FLOW ACTUATOR |
| 46 | V | THERMOPLUNGER RELAY 2 |
| 49 | P | INTAKE MANIFOLD RUNNER CONTROL VALVE MOTOR (G) |

JRMWF4119GB

< WIRING DIAGRAM >

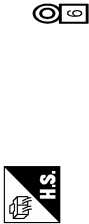
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | B/R | - |

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|------------------------------------|
| Connector No. | F132 |
| Connector Name | BATTERY TERMINAL WITH FUSIBLE LINK |
| Connector Type | 24340-1MG2A |



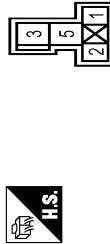
| | |
|-----------------------------|-----|
| Terminal No. | 6 |
| Color Of Wire | B/R |
| Signal Name [Specification] | - |

| | |
|----------------|------------------------------------|
| Connector No. | F133 |
| Connector Name | BATTERY TERMINAL WITH FUSIBLE LINK |
| Connector Type | 24340-JA040 |



| | |
|-----------------------------|-----|
| Terminal No. | 5 |
| Color Of Wire | B/R |
| Signal Name [Specification] | - |

| | |
|----------------|-------------------------------------|
| Connector No. | F134 |
| Connector Name | ENGINE RESTART BYPASS CONTROL RELAY |
| Connector Type | 24381-4BA1A |



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

| | |
|----------------|--------------|
| Connector No. | F135 |
| Connector Name | WIRE TO WIRE |
| Connector Type | M06FW-LC |



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

| | |
|----------------|-----------------------------|
| Connector No. | F137 |
| Connector Name | ENGINE RESTART BYPASS RELAY |
| Connector Type | E-BAG |



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

| | |
|----------------|--------------------|
| Connector No. | F140 |
| Connector Name | GLOW CONTROL UNIT |
| Connector Type | rearuit 8200594070 |



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

| | |
|----------------|----------------------------|
| Connector No. | F141 |
| Connector Name | THERMOPLINGER CONTROL UNIT |
| Connector Type | FH00FB-ANZZ |



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

| | |
|----------------|--------------------------------------|
| Connector No. | F147 |
| Connector Name | INTAKE MANIFOLD RUNNER CONTROL VALVE |
| Connector Type | RH06FB |



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

| | |
|----------------|-------------------|
| Connector No. | F158 |
| Connector Name | FUEL HEATER RELAY |
| Connector Type | 24381-4BA1A |



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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|----------------------------------------------------|
| Connector No. | F160 |
| Connector Name | ENGINE COOLANT BYPASS VALVE CONTROL SOLENOID VALVE |
| Connector Type | BS02FB-AMV-S |



| | |
|----------------|----------------------------|
| Connector No. | F166 |
| Connector Name | AIR FUEL RATIO (AF) SENSOR |
| Connector Type | RH06FB |



| | |
|----------------|---------------------|
| Connector No. | F168 |
| Connector Name | COOLING FAN RELAY-2 |
| Connector Type | 24347-9F900 |



| | |
|----------------|-----------|
| Connector No. | F213 |
| Connector Name | CONDENSER |
| Connector Type | M02FW-LC |



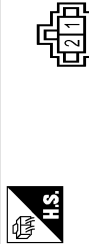
| | | |
|--------------|------|-----------------------------|
| Terminal No. | Wire | Signal Name [Specification] |
| 1 | Y | - |
| 2 | R | - |

| | | |
|--------------|------|-----------------------------|
| Terminal No. | Wire | Signal Name [Specification] |
| 1 | BG | - |
| 2 | W | - |
| 3 | BR | - |
| 4 | G | - |
| 6 | B | - |

| | | |
|--------------|------|-----------------------------|
| Terminal No. | Wire | Signal Name [Specification] |
| 1 | BG | - |
| 2 | BR | - |
| 3 | BR | - |
| 4 | BR | - |

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

| | |
|----------------|-------------------------------------------|
| Connector No. | F161 |
| Connector Name | TURBOCHARGER BOOST CONTROL SOLENOID VALVE |
| Connector Type | BS02FB-AMV-S |



| | |
|----------------|--------------------|
| Connector No. | F167 |
| Connector Name | FUEL FLOW ACTUATOR |
| Connector Type | BOSCH_1929404072 |



| | |
|----------------|--------------------------------------------|
| Connector No. | F190 |
| Connector Name | FUEL HEATER AND WATER IN FUEL LEVEL SENSOR |
| Connector Type | RS08FGY-1V |



| | |
|----------------|------------------|
| Connector No. | M1 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | NS06FW-M2 |



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

| | | |
|--------------|------|-----------------------------|
| Terminal No. | Wire | Signal Name [Specification] |
| 1 | G | - |
| 2 | R | - |

| | | |
|--------------|------|-----------------------------|
| Terminal No. | Wire | Signal Name [Specification] |
| 1 | L | SGN |
| 2 | R | VB |
| 3 | B | GND |
| 4 | B | GND |
| 5 | W | VB |

| | | |
|--------------|------|-----------------------------|
| Terminal No. | Wire | Signal Name [Specification] |
| 1A | L | - |
| 2A | LG | - |
| 3A | Y | - |
| 4A | LG | - |
| 5A | R | - |
| 6A | BG | - |
| 7A | BR | - |
| 8A | SB | - |

JRMWF4122GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|-----------------|
| Connector No. | M2 |
| Connector Name | FUSE BLOCK (UB) |
| Connector Type | NS16FR-CS |



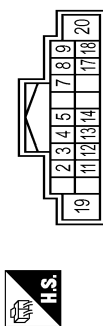
| | | | | | | | |
|----|----|--|--|--|----|----|----|
| 7B | 6B | | | | 3B | 2B | 1B |
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|-------------------|
| Connector No. | M27 |
| Connector Name | NAVI CONTROL UNIT |
| Connector Type | NH18FW-CS2 |



| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------|------------------------------------------------|
| 1 | W | | SOUND SIGNAL FRONT SPEAKER LH (With 6 Speaker) |
| 2 | Y | | SOUND SIGNAL FRONT SPEAKER LH (With 4 Speaker) |
| 3 | P | | SOUND SIGNAL FRONT LH (With 6 Speaker) |
| 4 | R | | SOUND SIGNAL FRONT LH (With 4 Speaker) |
| 5 | GR | | SOUND SIGNAL REAR LH + |
| 6 | BR | | SOUND SIGNAL REAR LH - |
| 7 | W | | AUTO ACC INPUT SIGNAL |
| 8 | L | | CAN-H |
| 9 | V | | ILLUMINATION SIGNAL |
| 10 | G | | SOUND SIGNAL FRONT RH (With 6 Speaker) |
| 11 | W | | SOUND SIGNAL FRONT RH (With 4 Speaker) |
| 12 | GR | | SOUND SIGNAL FRONT RH - (With 4 Speaker) |
| 13 | V | | SOUND SIGNAL FRONT RH - (With 6 Speaker) |
| 14 | Y | | SOUND SIGNAL REAR RH + |
| 15 | LG | | SOUND SIGNAL REAR RH - |
| 16 | Y | | CAN-L |
| 17 | R | | VEHICLE SPEED SIGNAL (8 PULSE) |
| 18 | G | | BATTERY POWER SUPPLY |
| 19 | L | | GROUND |
| 20 | B | | GROUND |

| | |
|----------------|------------------|
| Connector No. | M38 |
| Connector Name | EPS CONTROL UNIT |
| Connector Type | L02FB-MC |



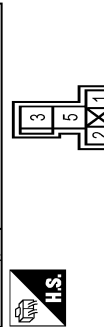
| | | | |
|--------------|-------|------|-----------------------------|
| Terminal No. | Color | Wire | Signal Name [Specification] |
| 1 | LG | | BATTERY POWER SUPPLY |
| 2 | P | | GROUND |
| 3 | LG | | GROUND |
| 4 | V | | GROUND |
| 5 | V | | GROUND |
| 6 | V | | GROUND |
| 7 | V | | GROUND |
| 8 | V | | GROUND |
| 9 | V | | GROUND |
| 10 | B | | GROUND |
| 11 | R | | GROUND |
| 12 | B | | GROUND |
| 13 | B | | GROUND |
| 14 | B | | GROUND |
| 15 | B | | GROUND |
| 16 | B | | GROUND |
| 17 | B | | GROUND |
| 18 | B | | GROUND |
| 19 | B | | GROUND |

| | |
|----------------|-------------------|
| Connector No. | M42 |
| Connector Name | COMBINATION METER |
| Connector Type | TH12FW-NH |



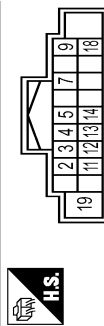
| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------|-------------------------------|
| 41 | L | | CAN-H |
| 42 | P | | CAN-L |
| 43 | W | | ILLUMINATION CONTROL SIGNAL |
| 44 | LAB | | FUEL LEVEL SENSOR GROUND |
| 45 | LAC | | BATTERY POWER SUPPLY |
| 46 | LARB | | IGNITION SIGNAL (Without ISS) |
| 47 | V | | IGNITION SIGNAL (With ISS) |
| 48 | SB | | AV COMMUNICATION SIGNAL (H) |
| 49 | LG | | AV COMMUNICATION SIGNAL (L) |
| 50 | Y | | OIL LEVEL SENSOR SIGNAL |
| 51 | BG | | OIL LEVEL SENSOR GROUND |
| 52 | LAVL | | FUEL LEVEL SENSOR SIGNAL |
| 53 | B | | GROUND |

| | |
|----------------|--------------------------|
| Connector No. | M44 |
| Connector Name | INTERIOR ROOM LAMP RELAY |
| Connector Type | MS02FL-M2-LC |



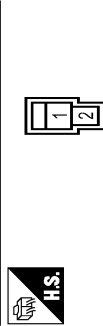
| | | | |
|--------------|-------|------|-----------------------------|
| Terminal No. | Color | Wire | Signal Name [Specification] |
| 1 | LG | | - |
| 2 | P | | - |
| 3 | LG | | - |
| 4 | V | | - |
| 5 | V | | - |

| | |
|----------------|------------|
| Connector No. | M46 |
| Connector Name | AUDIO UNIT |
| Connector Type | NH18FW-CS2 |



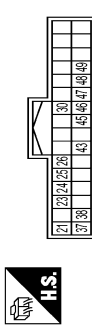
| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------|------------------------------------------------|
| 1 | W | | SOUND SIGNAL FRONT SPEAKER LH (With 6 Speaker) |
| 2 | Y | | SOUND SIGNAL FRONT SPEAKER LH (With 4 Speaker) |
| 3 | P | | SOUND SIGNAL FRONT SPEAKER LH (With 6 Speaker) |
| 4 | R | | SOUND SIGNAL FRONT SPEAKER LH (With 4 Speaker) |
| 5 | GR | | SOUND SIGNAL REAR SPEAKER LH + |
| 6 | BR | | SOUND SIGNAL REAR SPEAKER LH - |
| 7 | LG | | IGNITION SIGNAL |
| 8 | V | | ILLUMINATION SIGNAL |
| 9 | V | | SOUND SIGNAL FRONT SPEAKER RH (With 6 Speaker) |
| 10 | G | | SOUND SIGNAL FRONT SPEAKER RH (With 4 Speaker) |
| 11 | W | | SOUND SIGNAL FRONT SPEAKER RH (With 6 Speaker) |
| 12 | GR | | SOUND SIGNAL FRONT SPEAKER RH (With 4 Speaker) |
| 13 | V | | SOUND SIGNAL REAR SPEAKER RH + |
| 14 | Y | | SOUND SIGNAL REAR SPEAKER RH - |
| 15 | G | | VEHICLE SPEED SIGNAL (8-PULSE) |
| 16 | L | | BATTERY POWER SUPPLY |
| 17 | L | | BATTERY POWER SUPPLY |

| | |
|----------------|-----------------|
| Connector No. | M63 |
| Connector Name | CIRCUIT BREAKER |
| Connector Type | M02FW-PLC |



| | | | |
|--------------|-------|------|-----------------------------|
| Terminal No. | Color | Wire | Signal Name [Specification] |
| 1 | W | | - |
| 2 | P | | - |

| | |
|----------------|------------|
| Connector No. | M47 |
| Connector Name | AUDIO UNIT |
| Connector Type | TH32FW-NH |



| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------|-----------------------------|
| 21 | B | | MICROPHONE VCC |
| 22 | L | | AUX SOUND SIGNAL LH |
| 23 | L | | AUX SOUND SIGNAL RH |
| 24 | G | | AUX SOUND SIGNAL GROUND |
| 25 | Y | | SHIELD |
| 26 | R | | ILLUMINATION SIGNAL |
| 27 | W | | MICROPHONE SIGNAL |
| 28 | B | | EQ1 |
| 29 | W | | AUTO ACC INPUT SIGNAL |
| 30 | SB | | AV COMMUNICATION SIGNAL (H) |
| 31 | LG | | AV COMMUNICATION SIGNAL (L) |
| 32 | SB | | AV COMMUNICATION SIGNAL (H) |
| 33 | LG | | AV COMMUNICATION SIGNAL (L) |

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|--------------------|
| Connector No. | M64 |
| Connector Name | POWER WINDOW RELAY |
| Connector Type | 24347-9F900 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | - |
| 2 | W | - |
| 3 | L | - |
| 5 | P | - |

| | |
|----------------|-------------------|
| Connector No. | M69 |
| Connector Name | NATS ANTENNA AMP. |
| Connector Type | TH04FW-NH |



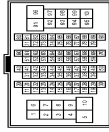
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | P | CLOCK |
| 2 | GR | GND |
| 3 | BR | L PWR |
| 4 | LG | DATA |

| | |
|----------------|-----------------|
| Connector No. | M70 |
| Connector Name | CIRCUIT BREAKER |
| Connector Type | M02FW-PLC |



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

| | |
|----------------|-----------------|
| Connector No. | M77 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH06MW-CS16-TM4 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2 | L/R | - |
| 5 | V | - [Without ISS] |
| 6 | W | - [Without ISS] |
| 8 | G | - |
| 9 | Y | - |
| 10 | R | - |
| 20 | W | - |
| 21 | B | - |
| 22 | SHIELD | - |
| 31 | V | - |
| 32 | GR | - |
| 33 | G | - |
| 34 | LG | - |
| 35 | BG | - |
| 36 | LG | - |
| 37 | V | - |
| 38 | G | - |
| 39 | BR | - |

| | | |
|----|--------|-----------------|
| 40 | L | - |
| 41 | P | - |
| 47 | Y | - |
| 48 | BG | - |
| 51 | GR | - |
| 52 | SB | - |
| 53 | R | - |
| 54 | L/L | - |
| 55 | BR | - |
| 56 | P | - |
| 57 | B | - |
| 58 | L | - |
| 59 | W | - |
| 60 | L/R | - |
| 61 | P | - |
| 62 | V | - |
| 63 | L/BR | - |
| 64 | Y | - |
| 65 | GR | - |
| 66 | BG | - |
| 67 | L | - |
| 68 | R | - |
| 71 | V | - |
| 72 | L | - |
| 73 | Y | - |
| 76 | L | - |
| 77 | V | - |
| 78 | LG | - |
| 79 | SHIELD | - |
| 80 | L | - [With ISS] |
| 82 | L/L | - [Without ISS] |
| 83 | LG | - |
| 84 | SB | - |
| 85 | G | - |
| 86 | G | - |
| 87 | B | - |
| 88 | B | - |
| 91 | L | - |
| 92 | W | - |
| 93 | W | - |
| 96 | LG | - |
| 97 | BR | - |
| 98 | V | - |
| 99 | R | - |

| | |
|----------------|--------------|
| Connector No. | M78 |
| Connector Name | WIRE TO WIRE |
| Connector Type | L02MB-MC |



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

| | |
|----------------|---------------------------|
| Connector No. | M85 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | NS16BR-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---------------------------------|
| 137 | W | BAT POWER SUPPLY (FUSE) |
| 138 | SB | INT ROOM LAMP CONT |
| 139 | L | PASSENGER DOOR UNLOCK OUTPUT |
| 141 | V | FRONT DOOR LOCK OUTPUT |
| 143 | L/V | POWER SUPPLY (FR DOOR LK ACT) |
| 144 | BG | POWER SUPPLY (TURN SIGNAL) |
| 145 | GR | POWER SUPPLY (STOP LAMP) |
| 146 | B | GROUND |
| 147 | B | DRIVER DOOR UNLOCK OUTPUT |
| 148 | G | FRONT DOOR SUPER LOCK OUTPUT |
| 149 | W | POWER SUPPLY (REAR DOOR LK ACT) |
| 151 | R | POWER SUPPLY (REAR WIPER) |
| 152 | LG | POWER SUPPLY (REAR WIPER) |

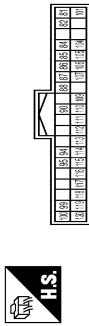
JRMWF4125GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|---------------------------|
| Connector No. | M86 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | TH40FB-NH |



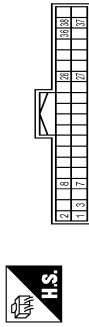
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------------------|
| 81 | L | KEY SWITCH |
| 82 | L/R | KEY SW (ST) (Without Intelligent key) |
| 82 | W | PASS DOOR REQ SW (With Intelligent key) |
| 84 | BR | COMB SW OUTPUT 2 |
| 85 | SB | COMB SW OUTPUT 1 |
| 86 | P | COMB SW OUTPUT 3 |
| 87 | BG | COMB SW OUTPUT 4 |
| 88 | W | PUSH/ETN IGN SW ILL CONT |
| 90 | Y | SIL CONDITION |
| 94 | G | DETENTION SW |
| 95 | V | EXTENDED STORAGE FUSE SW |
| 99 | R | STOP/START OFF SW |
| 100 | V | DRIVER DOOR ANT + |
| 101 | Y | PUSH SW |
| 104 | R | DR DOOR UNLK SENS |
| 105 | Y | DR DOOR REQ SW |
| 106 | W | ACC OUTPUT |
| 107 | V | SENSOR CANCEL SW |
| 109 | P | NATS ANTENNA AMP |
| 110 | BG | DIMMER SIGNAL |
| 111 | R | DOOR LK STAT IND OUTPUT |
| 112 | SB | STOP/START OFF SW INDICATOR |
| 113 | LG | NATS ANTENNA AMP |
| 114 | Y | NATS ANTENNA AMP |
| 115 | W | NATS ANTENNA AMP |
| 116 | BG | ROOM ANT 1 - |
| 117 | GR | ROOM ANT 1 + |
| 118 | SB | PASSENGER DOOR ANT - |
| 119 | P | PASSENGER DOOR ANT + |
| 120 | BR | RRIVER DOOR ANT + |

| | |
|----------------|-------------------|
| Connector No. | M87 |
| Connector Name | DC / DC CONVERTER |
| Connector Type | M06FW-LC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | LG | POWER SUPPLY (BATTERY) |
| 2 | B | GROUND |
| 3 | L | POWER SUPPLY (BATTERY) |
| 4 | G | VOLTAGE OUTPUT |
| 6 | W | VOLTAGE OUTPUT |

| | |
|----------------|----------------------------------|
| Connector No. | M101 |
| Connector Name | AROUND VIEW MONITOR CONTROL UNIT |
| Connector Type | TH40FW-NH |



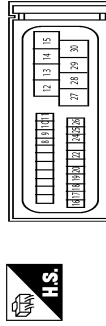
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--------------------------------------|
| 1 | B | GROUND |
| 2 | Y | BATTERY POWER SUPPLY |
| 3 | SB | IGNITION SIGNAL |
| 7 | R | BSW INDICATOR LH |
| 8 | G | BSW INDICATOR RH |
| 27 | L | CANH |
| 28 | R | CANL |
| 36 | Y | COMMUNICATION SIGNAL (CAMERA - PUMP) |
| 37 | V | COMM GND |
| 38 | SB | COMMUNICATION SIGNAL (PUMP - CAMERA) |

| | |
|----------------|----------------------|
| Connector No. | M111 |
| Connector Name | OPTION CONNECTOR (8) |
| Connector Type | TH08FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | R | - |
| 2 | L | - |
| 3 | V | - |
| 4 | LAG | - |
| 6 | BR | - |
| 8 | B | - |

| | |
|----------------|---------------------------------------|
| Connector No. | M137 |
| Connector Name | ELECTRIC PARKING BRAKE CONTROL MODULE |
| Connector Type | Renault 8200668609 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------------------|
| 8 | SB | PARKING BRAKE SW INDICATOR LAMP |
| 9 | BR | PARKING BRAKE SW RELEASE (NOR-CL) |
| 10 | BG | PARKING BRAKE SW RELEASE (NOR-CL) |
| 11 | V | PARKING BRAKE SW POWER SUPPLY (APPLY) |
| 12 | GR | MOTOR RH (+) |
| 13 | R | MOTOR POWER SUPPLY (RH) |
| 14 | W | MOTOR LH (+) |
| 15 | V | MOTOR POWER SUPPLY (LH) |
| 16 | L | CANH |
| 17 | P | CANL |
| 18 | BG | PARKING BRAKE SW APPLY (NOR-OP) |
| 19 | G | PARKING BRAKE SW APPLY (NOR-CL) |
| 20 | Y | PARKING BRAKE SW POWER SUPPLY (RELEASE) |
| 22 | GR | IGNITION POWER SUPPLY |

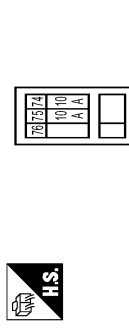
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|----|----|-----------------------------------------|
| 24 | LG | CLUTCH PEDAL STROKE SENSOR GROUND |
| 25 | G | CLUTCH PEDAL STROKE SENSOR SIGNAL |
| 26 | GR | CLUTCH PEDAL STROKE SENSOR POWER SUPPLY |
| 27 | GR | MOTOR RH (-) |
| 28 | B | GROUND (MOTOR RH) |
| 29 | BR | MOTOR LH (-) |
| 30 | B | GROUND (MOTOR LH) |

| | |
|----------------|----------------------|
| Connector No. | M138 |
| Connector Name | PARKING BRAKE SWITCH |
| Connector Type | TH12FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | BG | - |
| 2 | BR | - |
| 3 | SB | - |
| 4 | G | - |
| 5 | Y | - |
| 6 | V | - |
| 7 | W | - |
| 8 | GR | - |
| 9 | LG | - |
| 10 | BG | - |

| | |
|----------------|------------------------|
| Connector No. | M143 |
| Connector Name | FUSE BLOCK (J/B) No. 2 |
| Connector Type | 24380 1AT0A |



JRMWF4126GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 74 | Y | - |
| 75 | V | - |

| | |
|----------------|--------------|
| Connector No. | R1 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH24MW-NH |



| | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 3 | - | - |
| 7 | - | - |
| 8 | - | - |
| 9 | - | - |
| 13 | - | - |
| 15 | - | - |
| 16 | - | - |
| 17 | - | - |
| 18 | - | - |
| 19 | - | - |
| 20 | - | - |
| 21 | - | - |

| | |
|----------------|--------------|
| Connector No. | R9 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS12FW-CS |



| | | | | | | |
|----|----|----|---|---|---|---|
| 5 | 4 | 3 | 2 | 1 | | |
| 12 | 11 | 10 | 9 | 8 | 7 | 6 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | BR | - |
| 2 | Y | - |
| 3 | V | - |
| 4 | P | - |
| 5 | GR | - |
| 8 | B | - |
| 9 | W | - |
| 10 | B | - |
| 11 | LG | - |
| 12 | L | - |

| | |
|----------------|--------------|
| Connector No. | R11 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS12MW-CS |



| | | | | | | |
|---|---|---|---|----|----|----|
| 1 | 2 | 3 | 4 | 5 | | |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | BR | - |
| 2 | Y | - |
| 3 | V | - |
| 4 | P | - |
| 5 | GR | - |
| 8 | B | - |
| 9 | W | - |
| 10 | B | - |
| 11 | LG | - |
| 12 | L | - |

| | |
|----------------|------------------------|
| Connector No. | R12 |
| Connector Name | SUNROOF MOTOR ASSEMBLY |
| Connector Type | YEA10FGY |



| | | | | |
|---|---|---|---|----|
| 1 | 2 | 3 | 4 | 5 |
| 6 | 7 | 8 | 9 | 10 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | - | GROUND |
| 2 | - | OPEN/CLOSE 2nd SIGNAL |
| 3 | - | IGN ON POWER SUPPLY |
| 4 | - | PUSH SIGNAL |
| 5 | - | OPEN 1st SIGNAL |
| 6 | - | BATTERY POWER SUPPLY |
| 7 | - | COMMUNICATION LINE |
| 8 | - | VEHICLE SPEED SIGNAL |
| 10 | - | CLOSE 1st SIGNAL |

| | |
|----------------|-------------------------|
| Connector No. | R13 |
| Connector Name | SUNSHADE MOTOR ASSEMBLY |
| Connector Type | YEA10FGY |



| | |
|---|---|
| 1 | 3 |
| 6 | 7 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | - | GROUND |
| 3 | - | IGN ON POWER SUPPLY |
| 6 | - | BATTERY POWER SUPPLY |
| 7 | - | COMMUNICATION LINE |

| | |
|----------------|----------------------|
| Connector No. | R25 |
| Connector Name | SENSOR CANCEL SWITCH |
| Connector Type | TK08FW-TV |



| | |
|---|---|
| 1 | 2 |
| 3 | 5 |
| | 6 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | V | - |
| 2 | Y | - |
| 3 | B | - |
| 5 | Y | - |
| 6 | B | - |

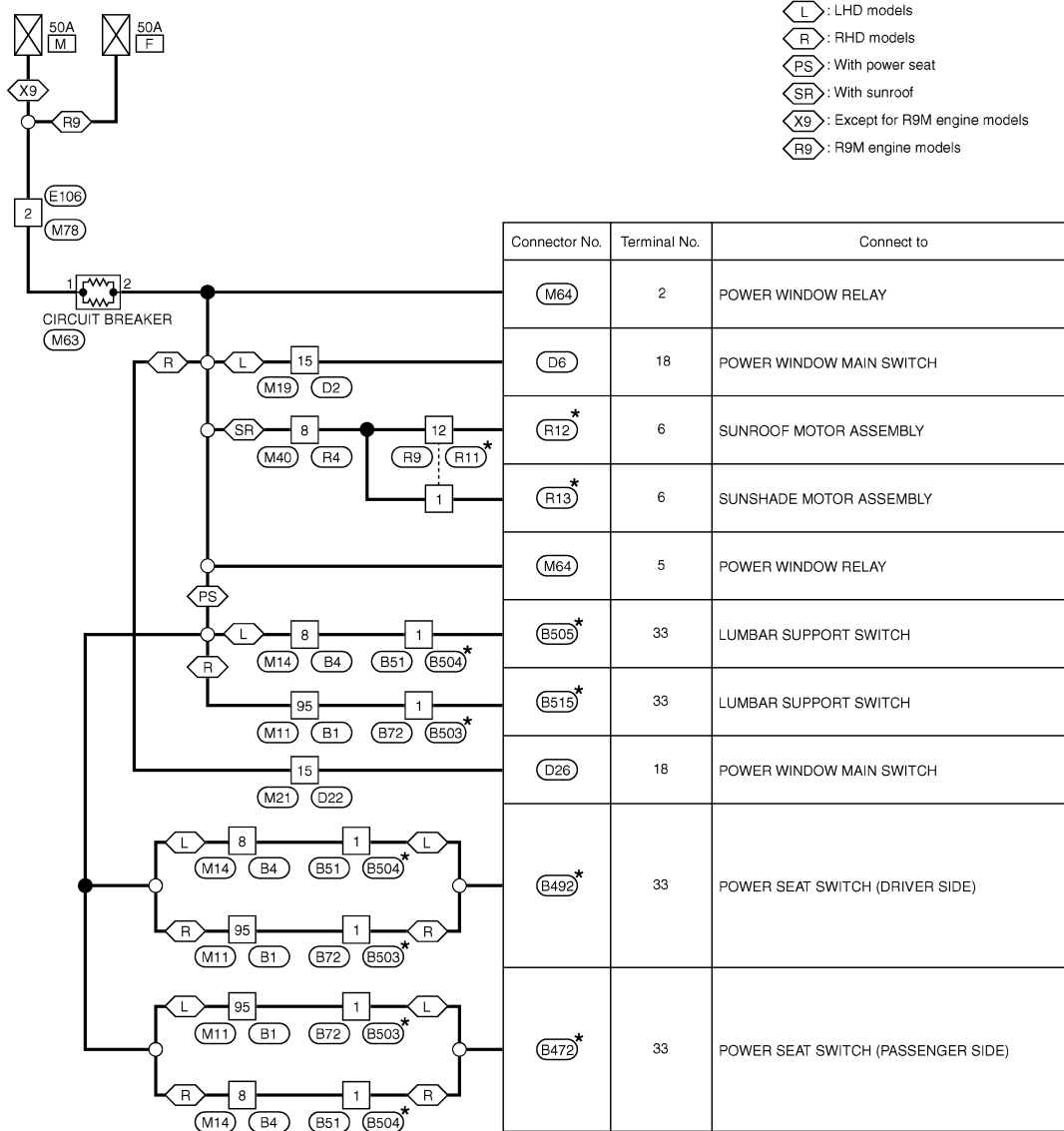
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSIBLE LINK No. M,F -

INFOID:000000010709199

BATTERY POWER SUPPLY FUSIBLE LINK No. M, F



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

2014/03/17

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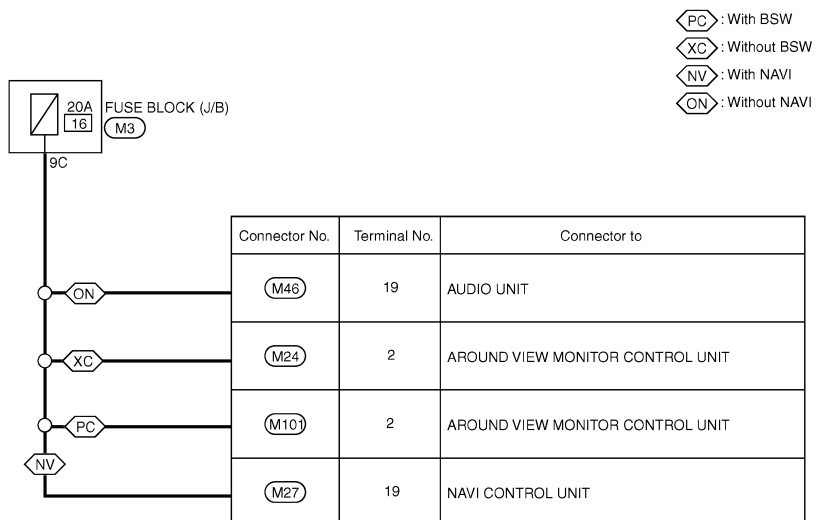
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 16 -

INFOID:0000000010709200

BATTERY POWER SUPPLY FUSE No. 16



2014/03/17

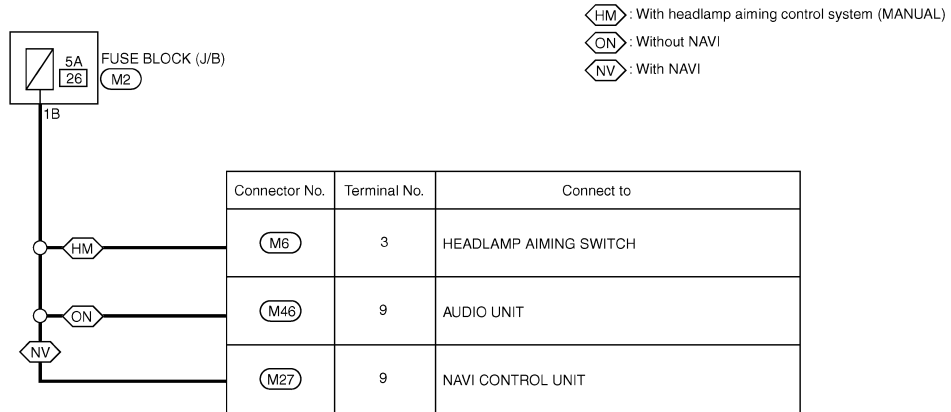
JRMWF4129GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 26 - BATTERY POWER SUPPLY FUSE No. 26

INFOID:0000000010709201



2014/03/17

JRMWF4131GB

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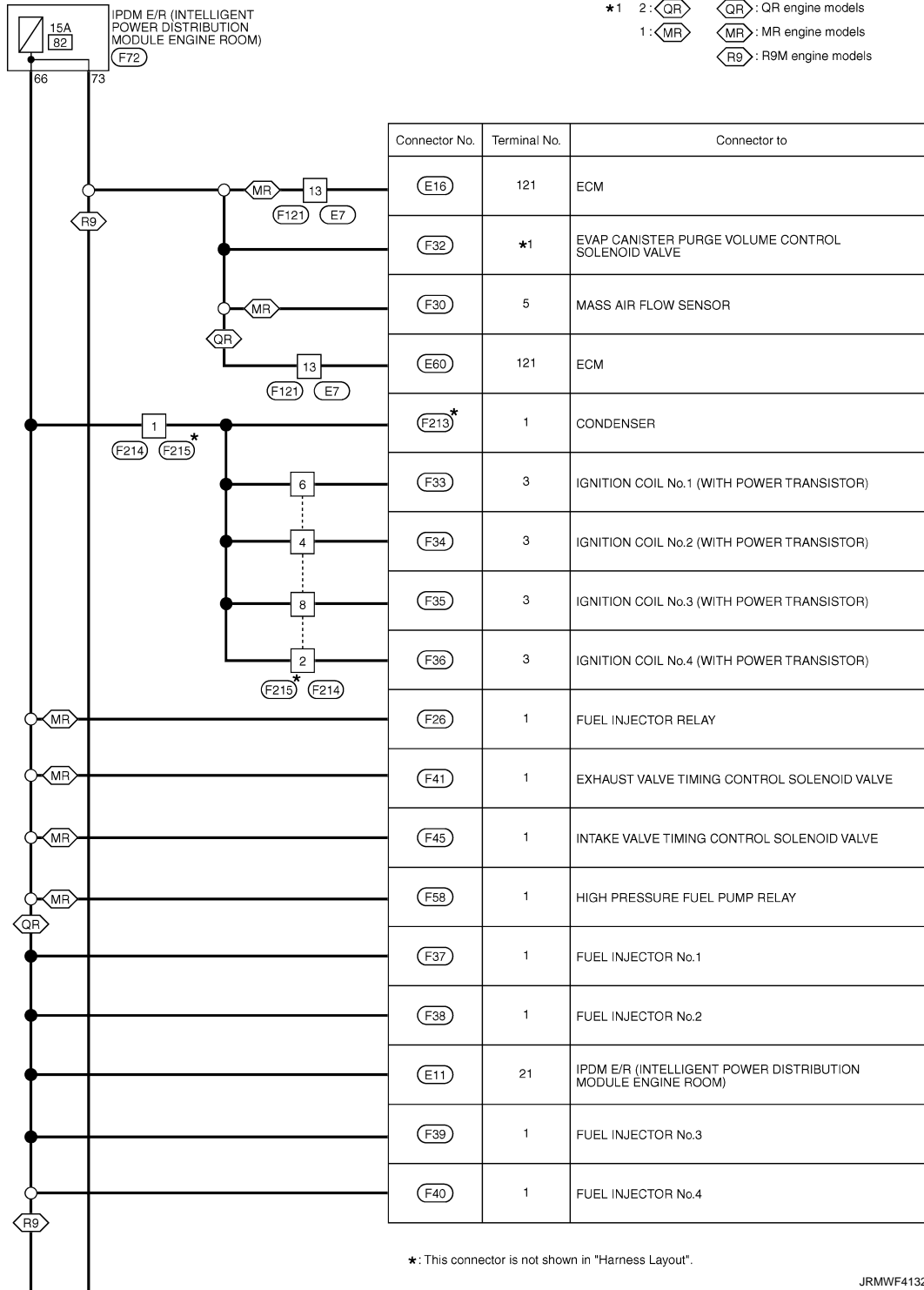
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 82 -

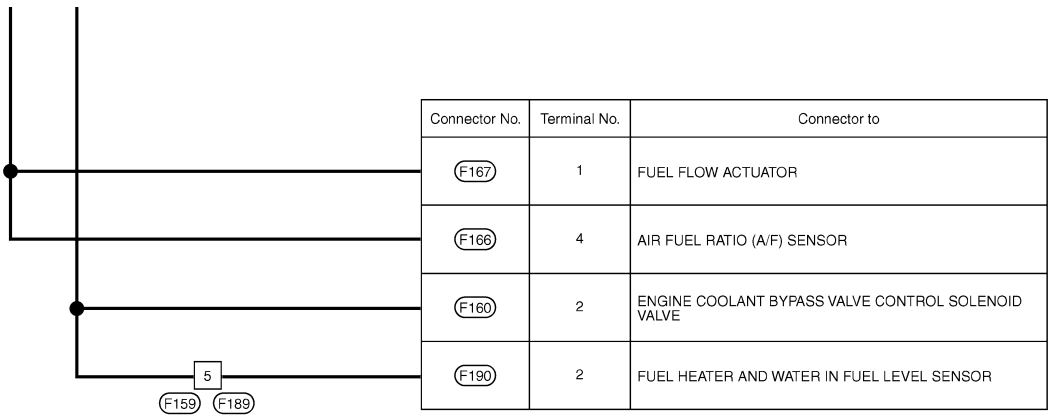
INFOID:000000010709202

BATTERY POWER SUPPLY FUSE No. 82



POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



PG

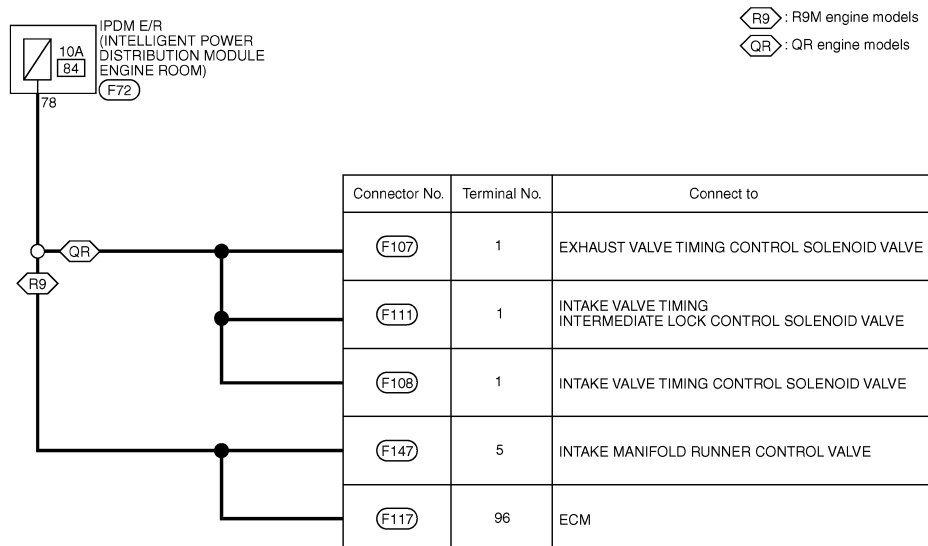
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 84 -

INFOID:0000000010709203

BATTERY POWER SUPPLY FUSE No. 84



2014/03/17

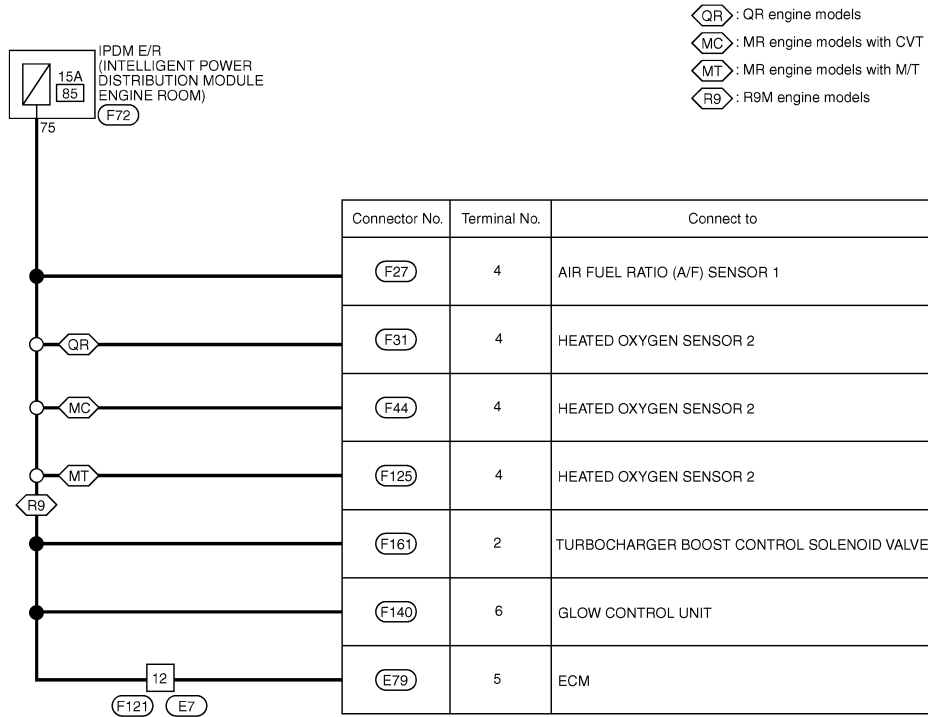
JRMWF4134GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 85 - BATTERY POWER SUPPLY FUSE No. 85

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2014/03/17

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2014/03/17

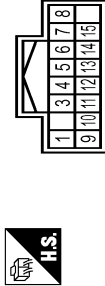
JRMWF4136GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

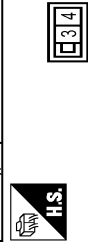
ACCESSORY POWER SUPPLY

| Connector No. | Signal Name [Specification] |
|----------------|-----------------------------------|
| E28 | DOOR MIRROR REMOTE CONTROL SWITCH |
| Connector Name | Connector Type |
| TH16FB-NH | |



| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|------------------------------------|
| 1 | G | - [With MR20 engine or R3M engine] |
| 2 | W | - [With QR25 engine] |
| 3 | L | - [With QR25 engine] |
| 4 | R | - [With MR20 engine or R3M engine] |

| Connector No. | Signal Name [Specification] |
|----------------|------------------------------------|
| E2 | BATTERY TERMINAL WITH FUSIBLE LINK |
| Connector Name | Connector Type |
| L02FBR-MC | |

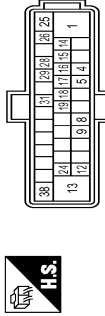


| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|-----------------------------|
| 1 | LAW | - |
| 2 | LAV | - |
| 3 | LAV | - |
| 4 | LAV | - |
| 5 | LAV | - |
| 6 | LAV | - |
| 7 | LAV | - |
| 8 | LAV | - |
| 9 | LAV | - |
| 10 | B | - |
| 11 | LAV | - [For LHD models] |
| 12 | LAV | - [For RHD models] |
| 13 | LAV | - [For RHD models] |
| 14 | LAV | - |
| 15 | LAV | - |

| Connector No. | Signal Name [Specification] |
|----------------|------------------------------------|
| E1 | BATTERY TERMINAL WITH FUSIBLE LINK |
| Connector Name | Connector Type |
| L02FGY-MC | |



| Connector No. | Signal Name [Specification] |
|----------------------|-----------------------------------------------|
| E36 | ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) |
| Connector Name | Connector Type |
| BE224FB-BHY2-BJ22-RH | |



| Terminal No. | Wire | Signal Name [Specification] |
|--------------|--------|---------------------------------|
| 1 | Y | MOTOR POWER SUPPLY |
| 4 | SB | FR RH WHEEL SENSOR SIGNAL |
| 5 | V | FR LH WHEEL SENSOR SIGNAL |
| 8 | P | FR LH WHEEL SENSOR SIGNAL |
| 9 | Y | FR LH WHEEL SENSOR SIGNAL |
| 12 | LG | FR LH WHEEL SENSOR SIGNAL |
| 13 | B | GROUND (MOTOR) |
| 14 | P | CAN-L |
| 15 | BR | VDC OFF SWITCH SIGNAL |
| 16 | R | FR RH WHEEL SENSOR POWER SUPPLY |
| 17 | Y | FR LH WHEEL SENSOR POWER SUPPLY |
| 18 | G | FR LH WHEEL SENSOR POWER SUPPLY |
| 19 | W | FR LH WHEEL SENSOR POWER SUPPLY |
| 24 | SHIELD | VALVE POWER SUPPLY |
| 25 | BR | CAN-H |
| 26 | L | IGNITION POWER SUPPLY |
| 28 | GR | FR RH WHEEL SENSOR SIGNAL |
| 31 | BR | FR LH WHEEL SENSOR SIGNAL |
| 38 | B | GROUND (VALVE) |

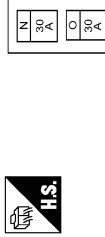
| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|------------------------------------|
| 3 | G | - [With QR25 engine] |
| 4 | L | - [With QR25 engine] |
| 4 | R | - [With QR25 engine] |
| 4 | W | - [With MR20 engine or R3M engine] |

| Connector No. | Signal Name [Specification] |
|----------------|-----------------------------|
| E13 | FUSE BLOCK (UB) |
| Connector Name | Connector Type |
| L01FW-MC | |



| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|-----------------------------|
| 1D | G | - |

| Connector No. | Signal Name [Specification] |
|----------------|-----------------------------|
| E71 | FUSIBLE LINK HOLDER |
| Connector Name | Connector Type |
| 24380-JL00A | |



| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|-----------------------------|
| N | R | - |
| O | GR | - |

| Connector No. | Signal Name [Specification] |
|-----------------|-----------------------------|
| E105 | WIRE TO WIRE |
| Connector Name | Connector Type |
| TH80FW-CS16-TM4 | |



| Terminal No. | Wire | Signal Name [Specification] |
|--------------|--------|-----------------------------|
| 2 | W | - |
| 5 | V | - [Without ISS] |
| 5 | W | - [With ISS] |
| 8 | L | - |
| 9 | LG | - |
| 10 | W | - |
| 20 | W | - |
| 21 | B | - |
| 22 | SHIELD | - |
| 31 | Y | - |
| 32 | W | - |
| 33 | SB | - |
| 34 | LG | - |
| 35 | BG | - |
| 36 | LG | - |
| 37 | V | - |
| 38 | G | - |

JRMWF4137GB

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

| | | |
|----|--------|---|
| 39 | BR | - |
| 40 | L | - |
| 41 | P | - |
| 47 | GR | - |
| 48 | SB | - |
| 51 | P | - |
| 52 | L | - |
| 53 | W | - |
| 54 | Y | - |
| 55 | BR | - |
| 56 | P | - |
| 57 | B | - |
| 58 | L | - |
| 59 | W | - |
| 60 | G | - |
| 61 | BR | - |
| 62 | V | - |
| 63 | BR | - |
| 64 | GR | - |
| 65 | LG | - |
| 66 | BG | - |
| 67 | L | - |
| 68 | R | - |
| 71 | V | - |
| 72 | L | - |
| 73 | R | - |
| 76 | L | - |
| 77 | V | - |
| 78 | LG | - |
| 79 | SHIELD | - |
| 80 | GR | - |
| 82 | Y | - |
| 83 | SB | - |
| 84 | L | - |
| 85 | G | - |
| 86 | Y | - |
| 87 | B | - |
| 88 | B | - |
| 91 | R | - |
| 92 | BR | - |
| 93 | W | - |
| 96 | GR | - |
| 97 | R | - |
| 98 | V | - |
| 99 | Y | - |

| | |
|----------------|-----------------------------|
| Connector No. | E112 |
| Connector Name | BRAKE PEDAL POSITION SWITCH |
| Connector Type | M02FBR-LC |



| |
|---|
| 2 |
| 1 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------|
| 1 | P | - |
| 2 | GR | - [With MR20 or QR25 Engine] |
| 2 | R | - [With R3M Engine] |

| | |
|----------------|-----------------------------|
| Connector No. | E119 |
| Connector Name | BRAKE PEDAL POSITION SWITCH |
| Connector Type | M02FBR-LC |



| |
|---|
| 2 |
| 1 |

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

| | |
|----------------|------------------|
| Connector No. | E121 |
| Connector Name | STOP LAMP SWITCH |
| Connector Type | M04FW-LC |



| |
|---|
| 3 |
| 4 |
| 1 |
| 2 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | V | - |
| 2 | LG | - |
| 3 | Y | - |
| 4 | W | - |

| | |
|----------------|-----------------------------|
| Connector No. | E124 |
| Connector Name | BRAKE PEDAL POSITION SWITCH |
| Connector Type | M02FBR-LC |



| |
|---|
| 2 |
| 1 |

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

| | |
|----------------|------------------|
| Connector No. | M1 |
| Connector Name | FUSE BLOCK (JIB) |
| Connector Type | NS06FW-M2 |



| |
|----|
| 3A |
| 2A |
| 1A |
| 8A |
| 7A |
| 6A |
| 5A |
| 4A |
| 3A |
| 2A |
| 1A |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1A | L | - |
| 2A | LG | - |
| 3A | Y | - |
| 4A | LG | - |
| 5A | R | - |
| 6A | BG | - |
| 7A | BR | - |
| 8A | SB | - |

| | |
|----------------|------------------|
| Connector No. | M2 |
| Connector Name | FUSE BLOCK (JIB) |
| Connector Type | NS16FBR-CS |



| |
|----|
| 7B |
| 6B |
| 5B |
| 4B |
| 3B |
| 2B |
| 1B |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------------|
| 10B | GR | - [With MR20 engine or R3M engine] |
| 10B | LA/GR | - [With QR25 Engine] |
| 12B | BR | - |
| 14B | W | - |
| 15B | W | - |
| 16B | GR | - |
| 1B | G | - |
| 2B | R | - |
| 3B | V | - |
| 6B | LAL | - |
| 7B | LAV | - |

JRMWF4138GB

< WIRING DIAGRAM >

| Terminal No. | Color Of Wire | Signal Name (Specification) |
|--------------|---------------|-------------------------------|
| 137 | W | BAT POWER SUPPLY (FUSE) |
| 138 | SB | INT ROOM LAMP CONT |
| 139 | L | PASSENGER DOOR UNLOCK OUTPUT |
| 141 | V | FRONT DOOR LOCK OUTPUT |
| 143 | LAV | POWER SUPPLY (FR DOOR LK ACT) |
| 144 | BG | POWER SUPPLY (TURN SIGNAL) |
| 145 | CD | POWER SUPPLY (STEERING LAMP) |

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

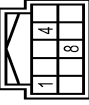
| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|---------------------------------|
| 146 | B | GROUND |
| 147 | B | DRIVER DOOR UNLOCK OUTPUT |
| 148 | G | FRONT DOOR SUPERLOCK OUTPUT |
| 149 | W | POWER SUPPLY (REAR DOOR LK ACT) |
| 151 | R | POWER SUPPLY (REAR DOOR LK ACT) |
| 152 | LG | POWER SUPPLY (REAR WIPER) |



| Connector No. | Wire | Signal Name [Specification] |
|---------------|-------------------|-----------------------------|
| M97 | DC / DC CONVERTER | |
| M06FW-LC | | |



| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|-----------------------------|
| 23 | R | CAN-L |
| 24 | SB | MTR PWR SPLY (AMIX) |
| 25 | GR | AMIX 3 |
| 26 | BR | AMIX 4 |
| 27 | LG | INT 3 |
| 28 | W | INT 4 |
| 29 | EG | MODE 3 |
| 30 | G | MODE 4 |



| Connector No. | Wire | Signal Name [Specification] |
|---------------|-------------|-----------------------------|
| M135 | A/C CONTROL | |
| TH10FB-NH | | |

| Connector No. | Wire | Signal Name [Specification] |
|---------------|---------------------------|-----------------------------|
| M87 | BCM (BODY CONTROL MODULE) | |
| TH40GY-NH | | |



| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|-----------------------------|
| 1 | LG | POWER SUPPLY (BATTERY) |
| 2 | B | GROUND |
| 3 | L | POWER SUPPLY (BATTERY) |
| 4 | G | VOLTAGE OUTPUT |
| 6 | W | VOLTAGE OUTPUT |



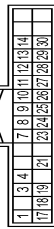
| Terminal No. | Wire | Signal Name [Specification] |
|--------------|--------------|-----------------------------|
| M133 | WIRE TO WIRE | |
| TH22MW-NH | | |



| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|-----------------------------|
| 1 | 1 | 1 |
| 2 | 2 | 2 |
| 3 | 3 | 3 |
| 4 | 4 | 4 |
| 5 | 5 | 5 |
| 6 | 6 | 6 |
| 7 | 7 | 7 |
| 8 | 8 | 8 |
| 9 | 9 | 9 |
| 10 | 10 | 10 |
| 11 | 11 | 11 |
| 12 | 12 | 12 |
| 13 | 13 | 13 |
| 14 | 14 | 14 |
| 15 | 15 | 15 |
| 16 | 16 | 16 |
| 17 | 17 | 17 |
| 18 | 18 | 18 |
| 19 | 19 | 19 |
| 20 | 20 | 20 |
| 21 | 21 | 21 |
| 22 | 22 | 22 |
| 23 | 23 | 23 |
| 24 | 24 | 24 |
| 25 | 25 | 25 |
| 26 | 26 | 26 |
| 27 | 27 | 27 |
| 28 | 28 | 28 |
| 29 | 29 | 29 |
| 30 | 30 | 30 |

| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|----------------------------------|
| 41 | V | STEERING LOCK UNIT POWER SUPPLY |
| 42 | LAG | TURN SIG LH (SIDE) |
| 43 | LAY | TURN SIG RH (SIDE) |
| 44 | P | INTERIOR ROOM LAMP RELAY CONT |
| 45 | R | CAN-L |
| 46 | L | CAN-H |
| 47 | G | LIGHT & RAIN SENSOR |
| 48 | L | CAN-H |
| 49 | R | CAN-L |
| 50 | BG | DOOR LOCK SW |
| 51 | Y | HAZARD SW |
| 56 | P | DONGLE |
| 57 | L | CVT SHIFT SELECT (DETENT SW) PWR |
| 60 | R | HEADLAMP WASHER SW |
| 63 | G | POWER WINDOW RELAY CONT |
| 64 | L/R | REAR WINDOW DEFROSTER RELAY CONT |
| 65 | BR | ACC RELAY CONT |
| 67 | Y | IGN RELAY (F/B) CONT OUTPUT |
| 68 | L/W | BLOWER RELAY CONT |
| 73 | LG | COMBI SW INPUT 5 |
| 74 | Y | COMBI SW INPUT 5 |
| 75 | BG | SECURITY IND LAMP CONT |
| 76 | G | COMBI SW INPUT 3 |
| 77 | GR | COMBI SW INPUT 4 |
| 78 | V | COMBI SW INPUT 1 |
| 79 | W | COMBI SW INPUT 2 |
| 80 | SB | DOOR UNLOCK SW |

| Connector No. | Wire | Signal Name [Specification] |
|---------------|----------|-----------------------------|
| M132 | A/C AMP. | |
| TH22FW-NH | | |



| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|-----------------------------|
| 1 | - | - |
| 3 | - | - |
| 5 | - | - |
| 7 | - | - |
| 8 | - | - |
| 9 | - | - |
| 10 | - | - |
| 11 | - | - |
| 12 | - | - |
| 13 | - | - |
| 14 | - | - |
| 16 | - | - |
| 18 | - | - |
| 19 | - | - |
| 20 | - | - |
| 21 | - | - |
| 23 | - | - |
| 24 | - | - |
| 25 | - | - |
| 26 | - | - |
| 27 | - | - |
| 28 | - | - |
| 29 | - | - |
| 30 | - | - |



| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|-----------------------------|
| 1 | - | - |
| 3 | - | - |
| 5 | - | - |
| 7 | - | - |
| 8 | - | - |
| 9 | - | - |
| 10 | - | - |
| 11 | - | - |
| 12 | - | - |
| 13 | - | - |
| 14 | - | - |
| 16 | - | - |
| 18 | - | - |
| 19 | - | - |
| 20 | - | - |
| 21 | - | - |
| 23 | - | - |
| 24 | - | - |
| 25 | - | - |
| 26 | - | - |
| 27 | - | - |
| 28 | - | - |
| 29 | - | - |
| 30 | - | - |



| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|-----------------------------|
| 1 | G | FAN AMP. CONT |
| 3 | SB | ACC PWR SPLY |
| 4 | V | IGN ON |
| 7 | L | CAN-H |
| 8 | W | MTR PWR SPLY (INT. MODE) |
| 9 | BG | AMIX 1 |
| 10 | Y | AMIX 2 |
| 11 | V | INT 1 |
| 12 | GR | INT 2 |
| 13 | LG | MODE 1 |
| 14 | SB | MODE 2 |
| 17 | W | BLOWER MTR F/B |
| 18 | BR | SENS GND (INTAKE) |
| 19 | B | GROUND |
| 21 | BG | INTAKE SENS |

| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|-----------------------------|
| 41 | BG | ACC PWR SPLY |
| 43 | R | GND |
| 51 | L | CAN-H |
| 53 | P | INVHCL SENS |
| 54 | V | SUNLOAD SENS |
| 63 | G | SENS GND (INVHCL - SUNLOAD) |
| 71 | W | CAN-L |
| 73 | Y | LIN |

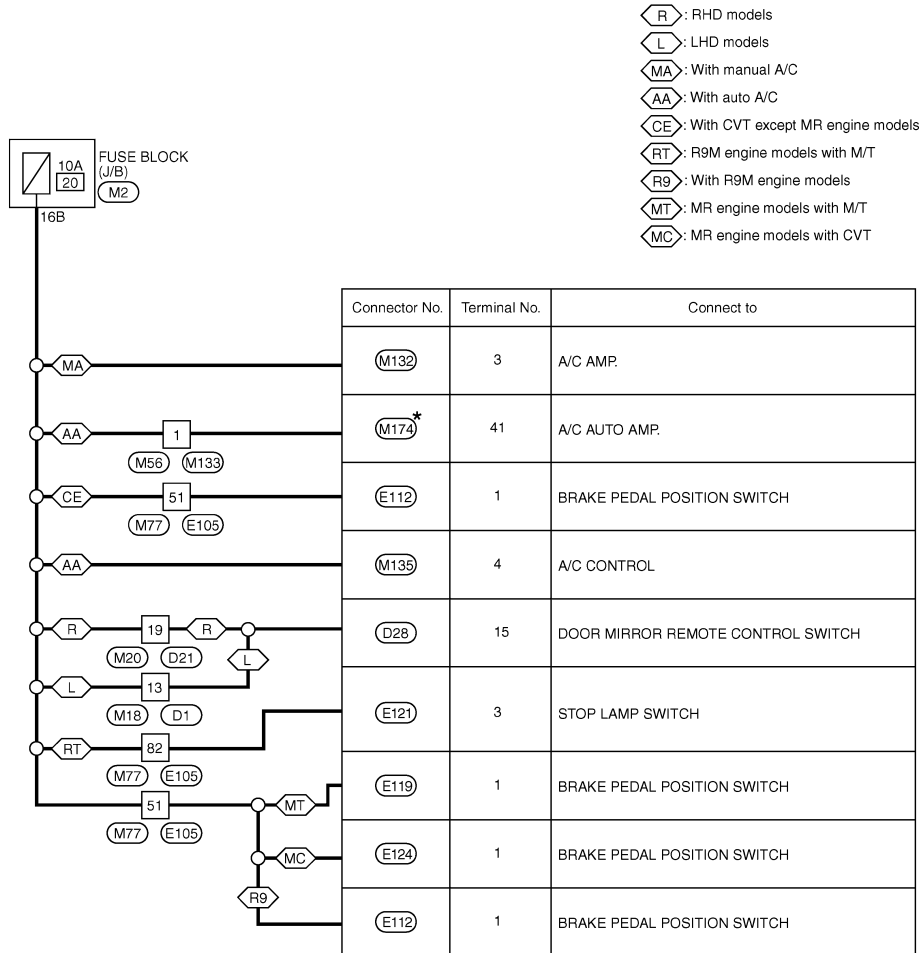
JRMWF4140GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No. 20 - ACCESSORY POWER SUPPLY FUSE No. 20

INFOID:000000010709205



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

2014/03/17

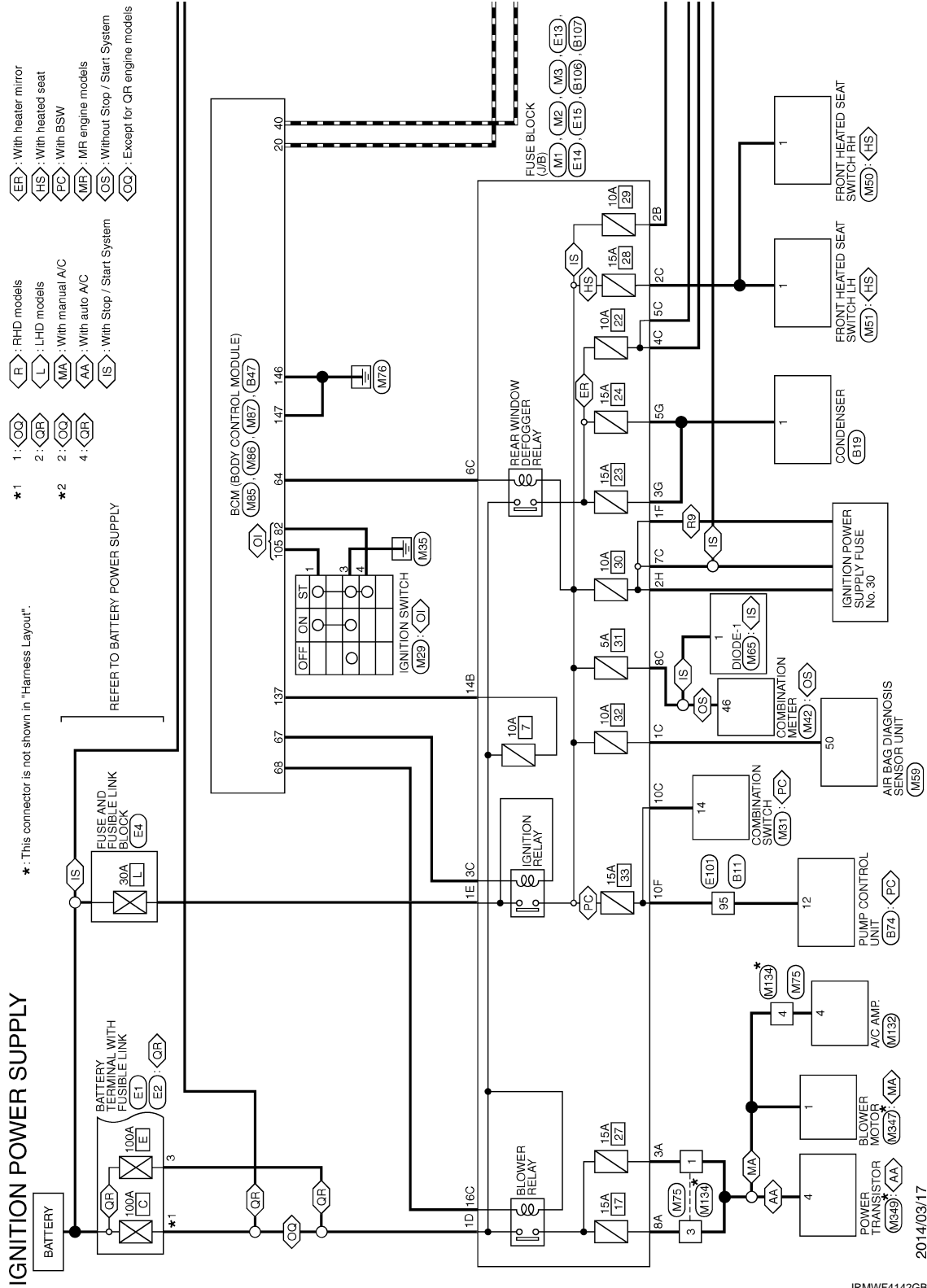
JRMWF4141GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY -

INFOID:000000010709206



2014/03/17

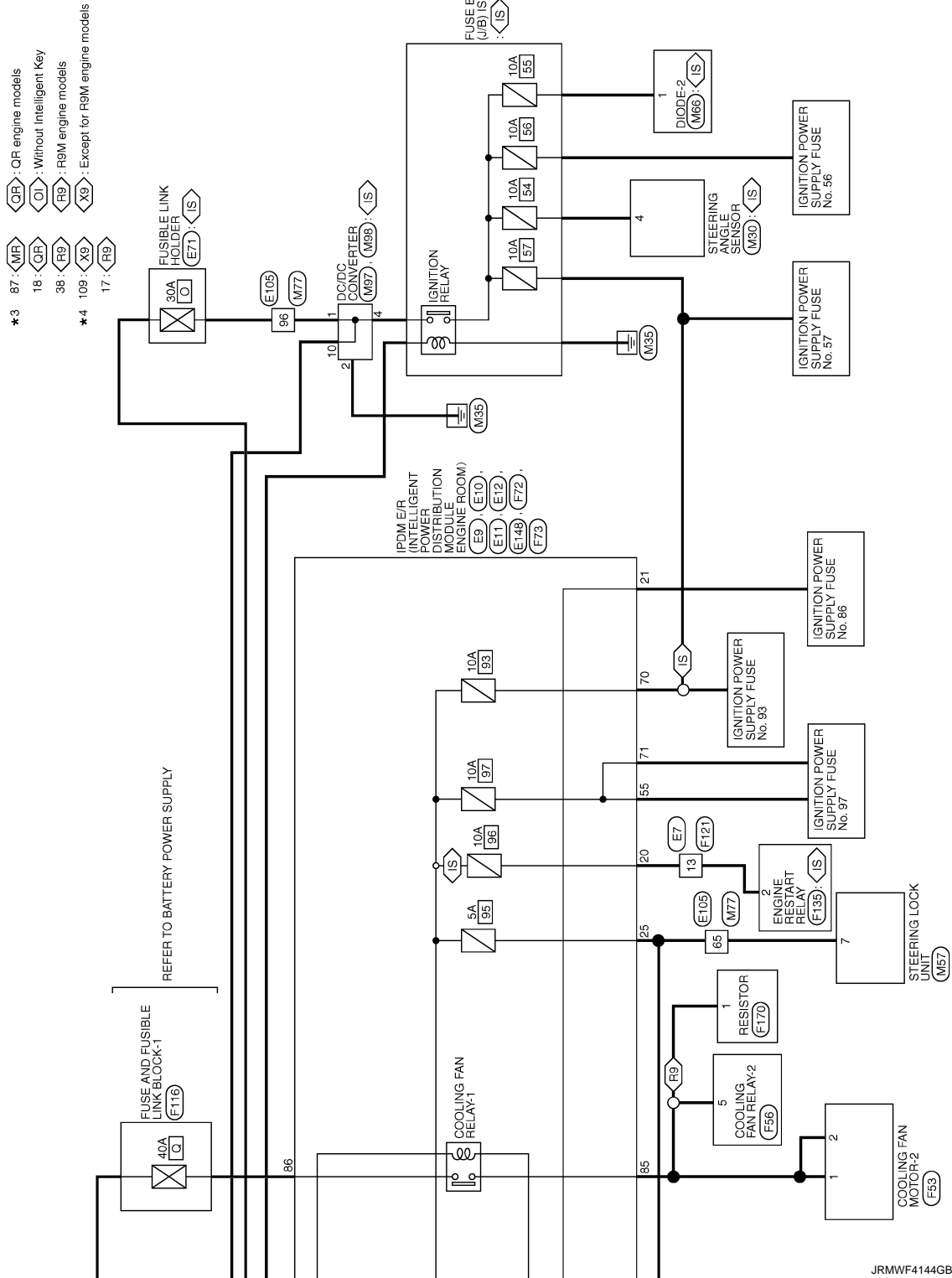
JRMWF4142GB

< WIRING DIAGRAM >



POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
|----------------|-----------------|
| Connector No. | B1 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH80MW-CS16-TM4 |



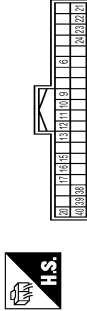
| | |
|----------------|-------------------|
| Connector No. | B11 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH80MDGY-CS16-TM4 |



| | |
|----------------|-----------|
| Connector No. | B19 |
| Connector Name | CONDENSER |
| Connector Type | P0TFB-A |



| | |
|----------------|---------------------------|
| Connector No. | B47 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | TH40FG-NH |



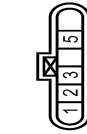
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | Y | - |
| 2 | LAY | - |
| 3 | V | - |
| 4 | LAY | - |
| 5 | L | - |
| 6 | L | - |
| 7 | L | - |
| 8 | L | - |
| 9 | L | - |
| 10 | L | - |
| 11 | L | - |
| 12 | L | - |
| 13 | L | - |
| 14 | L | - |
| 15 | L | - |
| 16 | L | - |
| 17 | L | - |
| 18 | L | - |
| 19 | L | - |
| 20 | L | - |
| 21 | L | - |
| 22 | L | - |
| 23 | L | - |
| 24 | L | - |
| 25 | L | - |
| 26 | L | - |
| 27 | L | - |
| 28 | L | - |
| 29 | L | - |
| 30 | L | - |
| 31 | L | - |
| 32 | L | - |
| 33 | L | - |
| 34 | L | - |
| 35 | L | - |
| 36 | L | - |
| 37 | L | - |
| 38 | L | - |
| 39 | L | - |
| 40 | L | - |
| 41 | L | - |
| 42 | L | - |
| 43 | L | - |
| 44 | L | - |
| 45 | L | - |
| 46 | L | - |
| 47 | L | - |
| 48 | L | - |
| 49 | L | - |
| 50 | L | - |
| 51 | L | - |
| 52 | L | - |
| 53 | L | - |
| 54 | L | - |
| 55 | L | - |
| 56 | L | - |
| 57 | L | - |
| 58 | L | - |
| 59 | L | - |
| 60 | L | - |
| 61 | L | - |
| 62 | L | - |
| 63 | L | - |
| 64 | L | - |
| 65 | L | - |
| 66 | L | - |
| 67 | L | - |
| 68 | L | - |
| 69 | L | - |
| 70 | L | - |
| 71 | L | - |
| 72 | L | - |
| 73 | L | - |
| 74 | L | - |
| 75 | L | - |
| 76 | L | - |
| 77 | L | - |
| 78 | L | - |
| 79 | L | - |
| 80 | L | - |
| 81 | L | - |
| 82 | L | - |
| 83 | L | - |
| 84 | L | - |
| 85 | L | - |
| 86 | L | - |
| 87 | L | - |
| 88 | L | - |
| 89 | L | - |
| 90 | L | - |
| 91 | L | - |
| 92 | L | - |
| 93 | L | - |
| 94 | L | - |
| 95 | L | - |
| 96 | L | - |
| 97 | L | - |
| 98 | L | - |
| 99 | L | - |
| 100 | L | - |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | - |
| 2 | LAY | - |
| 3 | EG | - |
| 4 | BR | - |
| 5 | W | - |
| 6 | P | - |
| 7 | SB | - |
| 8 | V | - |
| 9 | P | - |
| 10 | G | - |
| 11 | P | - |
| 12 | Y | - |
| 13 | BR | - |
| 14 | R | - |
| 15 | BR | - |
| 16 | Y | - |
| 17 | BR | - |
| 18 | Y | - |
| 19 | BR | - |
| 20 | Y | - |
| 21 | BR | - |
| 22 | Y | - |
| 23 | BR | - |
| 24 | SB | - |
| 25 | G | - |
| 26 | B | - |
| 27 | P | - |
| 28 | R | - |
| 29 | LG | - |
| 30 | P | - |
| 31 | BR | - |
| 32 | GR | - |
| 33 | Y | - |
| 34 | LG | - |
| 35 | LG | - |
| 36 | LG | - |
| 37 | LG | - |
| 38 | LG | - |
| 39 | LG | - |
| 40 | LG | - |

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



| | |
|----------------|--------------------------------------|
| Connector No. | B40 |
| Connector Name | FUEL LEVEL SENSOR UNIT AND FUEL PUMP |
| Connector Type | E06FGY-RS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 6 | R | BACK DOOR OPENER REQUEST SW |
| 7 | G | HANDS FREE SENSOR |
| 8 | W | REAR RH DOOR SW |
| 9 | LG | BACK DOOR SW |
| 10 | R | REAR LH DOOR SW |
| 11 | SB | PASSENGER DOOR SW |
| 12 | L | REAR WIPER AUTO STOP |
| 13 | Y | BACK DOOR OPENER SW |
| 14 | SB | DRIVER DOOR SW |
| 15 | L | CANH |
| 16 | BR | BUMPER ANTENNA (-) |
| 17 | Y | REAR ANTENNA (+) |
| 18 | L | BUMPER ANTENNA (+) |
| 19 | G | SIREN |
| 20 | V | HIGH-MOUNTED STOP LAMP |
| 21 | P | CANH |

| | | | | | |
|--------------|-------|---------------|-------|-----------------------------|---|
| Terminal No. | 1 | Color Of Wire | LA/GR | Signal Name [Specification] | - |
| 2 | LA/GR | LA/GR | LA/GR | Signal Name [Specification] | - |
| 3 | LA/GR | LA/GR | LA/GR | Signal Name [Specification] | - |
| 4 | LA/GR | LA/GR | LA/GR | Signal Name [Specification] | - |
| 5 | LA/GR | LA/GR | LA/GR | Signal Name [Specification] | - |

| | |
|----------------|-------------------|
| Connector No. | B74 |
| Connector Name | PUMP CONTROL UNIT |
| Connector Type | NS12FW-CS |



JRMWF4145GB

< WIRING DIAGRAM >

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| Connector No. | D41 | WIRE TO WIRE |
|----------------|-----------|-----------------------------|
| Connector Name | TH24FW-NH | |
| Connector Type | HS | |
| Terminal No. | Wire | Signal Name [Specification] |
| 10 | B | - |
| 11 | G | - |
| 13 | LAV | - |
| 14 | LAV | - |
| 15 | LAV | - |
| 16 | LAV | - |
| 17 | LAV | - |
| 18 | LAV | - |
| 19 | LAV | - |
| 20 | GR | - |
| 21 | LAV | - |
| 22 | R | - |
| 23 | BG | - |
| 24 | L | - |



| | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 |

| Connector No. | D23 | DOOR MIRROR (DRIVER SIDE) |
|----------------|-----------|---------------------------|
| Connector Name | TH16MW-NH | |
| Connector Type | HS | |



| | | | | | |
|----|----|----|----|----|---|
| 8 | 7 | 5 | 4 | 3 | 2 |
| 16 | 15 | 14 | 12 | 11 | |

| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|-----------------------------|
| 2 | GR | - |
| 3 | LAV | - |
| 4 | LAV | - |
| 5 | LAV | - |
| 7 | L | - |
| 8 | G | - |
| 11 | LAV | - |
| 12 | LAV | - |
| 14 | LAV | - |
| 15 | B | - |
| 16 | Y | - |

| Connector No. | D43 | DOOR MIRROR (PASSENGER SIDE) |
|----------------|-----------|------------------------------|
| Connector Name | TH16MW-NH | |
| Connector Type | HS | |



| | | | | | |
|----|----|----|----|----|----|
| 8 | 7 | 5 | 4 | 3 | 2 |
| 16 | 15 | 14 | 12 | 11 | 10 |

| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|-----------------------------|
| 2 | GR | - |
| 3 | LAV | - |
| 4 | LAV | - |

| Connector No. | D51 | WIRE TO WIRE |
|----------------|-----------|-----------------------------|
| Connector Name | TH24FW-NH | |
| Connector Type | HS | |
| Terminal No. | Wire | Signal Name [Specification] |
| 5 | LAV | - |
| 7 | L | - |
| 8 | V | - |
| 10 | B | - |
| 11 | LAV | - |
| 12 | LAV | - |
| 14 | LAV | - |
| 15 | B | - |
| 16 | Y | - |



| | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|
| 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 |

| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|-----------------------------|
| 2 | LAV | - |
| 3 | P | - |
| 4 | R | - |
| 5 | SB | - |
| 6 | LG | - |
| 7 | L | - |
| 8 | V | - |
| 9 | Y | - |
| 10 | B | - |
| 11 | R | - |
| 13 | B | - |
| 14 | LAV | - |
| 15 | LAV | - |
| 16 | LAV | - |
| 17 | LAV | - |
| 18 | LAV | - |
| 19 | B | - |
| 20 | LG | - |
| 21 | BR | - |
| 22 | LAV | - |

| Connector No. | D98 | DOOR MIRROR (PASSENGER SIDE) |
|----------------|-----------|------------------------------|
| Connector Name | TH16MW-NH | |
| Connector Type | HS | |



| | | | | | |
|----|----|----|----|----|---|
| 8 | 7 | 5 | 4 | 3 | 2 |
| 16 | 15 | 14 | 12 | 11 | |

| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|-----------------------------|
| 2 | LG | - |
| 3 | LAV | - |
| 4 | LAV | - |
| 5 | LAV | - |
| 7 | L | - |
| 8 | V | - |
| 11 | LAV | - |
| 12 | LAV | - |
| 14 | LAV | - |
| 15 | B | - |
| 16 | Y | - |

| Connector No. | E1 | BATTERY TERMINAL WITH FUSIBLE LINK |
|----------------|-----------|------------------------------------|
| Connector Name | L02FGY-MC | |
| Connector Type | HS | |



| | |
|---|---|
| 1 | 2 |
|---|---|

| Terminal No. | Wire | Signal Name [Specification] |
|--------------|------|------------------------------------|
| 1 | G | - [With MR20 engine or R3M engine] |
| 1 | W | - [With OR25 engine] |
| 2 | L | - [With OR25 engine] |
| 2 | R | - [With MR20 engine or R3M engine] |

JRMWF4147GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

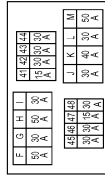
IGNITION POWER SUPPLY

| | |
|----------------|------------------------------------|
| Connector No. | E2 |
| Connector Name | BATTERY TERMINAL WITH FUSIBLE LINK |
| Connector Type | L02FBR-MC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------------|
| 3 | G | - [With QR25 engine] |
| 3 | L | - [With MR20 engine or RSM engine] |
| 4 | R | - [With QR25 engine] |
| 4 | W | - [With MR20 engine or RSM engine] |

| | |
|----------------|-----------------------------|
| Connector No. | E4 |
| Connector Name | FUSE AND FUSIBLE LINK BLOCK |
| Connector Type | 24381 7990A |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------|
| 41 | SB | - |
| 42 | P | - |
| 43 | BG | - |
| 44 | GR | - |
| 45 | V | - |
| 46 | G | - |
| 47 | L | - |
| 48 | W | - |
| F | R | - [With MR20 or QR25 Engine] |
| G | W | - [With RSM Engine] |
| H | GR | - [With RSM Engine] |
| H | R | - [With MR20 or QR25 Engine] |
| I | G | - [With QR25 Engine] |
| I | R | - [With RSM Engine] |
| J | BR | - [With MR20 or QR25 Engine] |

| | | |
|---|----|------------------------------|
| J | R | - [With RSM Engine] |
| K | BG | - [With RSM Engine] |
| K | Y | - [With MR20 or QR25 Engine] |
| L | L | - |
| M | W | - [With MR20 or QR25 Engine] |
| M | Y | - [With RSM Engine] |

| | |
|----------------|--------------|
| Connector No. | E7 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS16MR-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------------|
| 1 | BR | - [With MR20 or QR25 engine] |
| 1 | SB | - [With RSM engine] |
| 2 | BR | - [With MR20 or QR25 engine] |
| 2 | GR | - [With RSM engine] |
| 3 | G | - |
| 4 | R | - |
| 5 | B | - [With MR20 engine] |
| 5 | L | - [With RSM engine] |
| 5 | LG | - [With QR25 engine] |
| 6 | BG | - |
| 7 | G | - |
| 8 | V | - [With MR20 engine or RSM engine] |
| 8 | W | - [With QR25 engine] |
| 9 | BG | - [With RSM engine] |
| 9 | BR | - [With MR20 engine] |
| 10 | BR | - |
| 11 | Y | - |
| 12 | L | - [With RSM Engine] |
| 12 | LG | - [With QR25 engine] |
| 13 | BR | - [With MR20 or QR25 engine] |
| 15 | L | - |
| 16 | SB | - |

| | |
|----------------|-----------------------------------------------------------|
| Connector No. | E9 |
| Connector Name | POWER INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM) |
| Connector Type | L02FB-MC |



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

| | |
|----------------|-----------------------------------------------------------|
| Connector No. | E10 |
| Connector Name | POWER INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM) |
| Connector Type | NS16GY-CS |



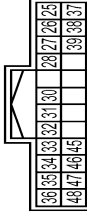
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 3 | P | - |
| 4 | Y | - |
| 7 | L | - |
| 8 | BG | - |
| 9 | L | - |
| 12 | B | - |
| 16 | G | - |
| 17 | W | - |

| | |
|----------------|-----------------------------------------------------------|
| Connector No. | E11 |
| Connector Name | POWER INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM) |
| Connector Type | renault_243405408R |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 19 | V | - |
| 20 | R | - |
| 21 | LG | - |
| 22 | Y | - |
| 23 | B | - |
| 24 | W | - |

| | |
|----------------|-----------------------------------------------------------|
| Connector No. | E12 |
| Connector Name | POWER INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM) |
| Connector Type | TH24FGY-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 25 | LG | - |
| 26 | W | - |
| 27 | SB | - |
| 28 | P | - |
| 30 | L | - |
| 31 | G | - |
| 32 | B | - |
| 33 | BG | - |
| 34 | LG | - |
| 35 | V | - |
| 36 | Y | - |
| 37 | B | - |
| 38 | GR | - |
| 39 | BR | - |

JRMWF4148GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | | |
|----|---|---|
| 45 | L | - |
| 46 | P | - |
| 47 | W | - |
| 48 | R | - |

| | |
|----------------|------------------|
| Connector No. | E13 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | L01FW-MC |



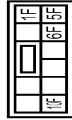
| | |
|-----------------------------|----|
| Terminal No. | 1D |
| Color | G |
| Wire | - |
| Signal Name [Specification] | - |

| | |
|----------------|------------------|
| Connector No. | E14 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | M01FW-LC |



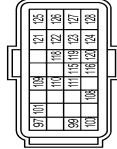
| | |
|-----------------------------|----|
| Terminal No. | 1E |
| Color | L |
| Wire | - |
| Signal Name [Specification] | - |

| | |
|----------------|------------------|
| Connector No. | E15 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | N01FW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 10F | L | - |
| 1F | W | - |
| 5F | V | - |
| 6F | Y | - |

| | |
|----------------|-----------------|
| Connector No. | E16 |
| Connector Name | ECM |
| Connector Type | RH24FB-F28-L-LH |



| Terminal No. | Color | Signal Name [Specification] |
|--------------|-------|-------------------------------------|
| 97 | W | BAROMETRIC PRESSURE SENSOR |
| 99 | P | CANL |
| 100 | L | CANH |
| 101 | Y | SENSOR POWER SUPPLY |
| 108 | R | CLUTCH PEDAL POSITION SWITCH |
| 109 | LG | IGNITION SWITCH |
| 110 | G | ASCD STEERING SWITCH |
| 111 | BR | SENSOR GROUND |
| 115 | V | STOP LAMP SWITCH |
| 116 | GR | BRAKE PEDAL POSITION SWITCH |
| 118 | SB | SENSOR POWER SUPPLY |
| 119 | Y | ACCELERATOR PEDAL POSITION SENSOR 2 |
| 120 | LG | SENSOR GROUND |
| 121 | BR | POWER SUPPLY FOR ECM |
| 122 | V | SENSOR POWER SUPPLY |
| 123 | B | ECM GROUND |

| | | |
|-----|----|-------------------------------------|
| 124 | R | SENSOR GROUND |
| 125 | B | ECM GROUND |
| 126 | GR | ACCELERATOR PEDAL POSITION SENSOR 1 |
| 127 | R | SENSOR GROUND |
| 128 | B | ECM GROUND |

| | |
|----------------|-------------------|
| Connector No. | E20 |
| Connector Name | FRONT WIPER MOTOR |
| Connector Type | HS05FGY |



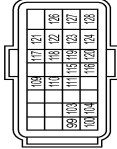
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | Y | - |
| 2 | B | - |
| 4 | V | - |
| 5 | BR | - |

| | |
|----------------|-------------------|
| Connector No. | E42 |
| Connector Name | FRONT WIPER MOTOR |
| Connector Type | HS05FGY |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | Y | - |
| 2 | B | - |
| 4 | V | - |
| 5 | BR | - |

| | |
|----------------|-----------------|
| Connector No. | E60 |
| Connector Name | ECM |
| Connector Type | RH24FB-F28-L-LH |



| Terminal No. | Color Of Wire | Signal Name (Specification) |
|--------------|---------------|-------------------------------------|
| 99 | P | CAN COMMUNICATION LINE (CANL) |
| 100 | L | CAN COMMUNICATION LINE (CANH) |
| 103 | Y | REFRIGERANT PRESSURE SENSOR |
| 104 | R | SENSOR POWER SUPPLY |
| 109 | LG | IGNITION SWITCH |
| 110 | G | ASCD STEERING SWITCH |
| 111 | BR | SENSOR GROUND |
| 115 | V | STOP LAMP SWITCH |
| 116 | GR | BRAKE PEDAL POSITION SWITCH |
| 117 | W | PNP SIGNAL |
| 118 | SB | SENSOR POWER SUPPLY |
| 119 | Y | ACCELERATOR PEDAL POSITION SENSOR 2 |
| 120 | LG | SENSOR GROUND |
| 121 | BR | POWER SUPPLY FOR ECM |
| 122 | V | SENSOR POWER SUPPLY |
| 123 | BR | ECM GROUND |
| 124 | W | SENSOR GROUND |
| 126 | GR | ACCELERATOR PEDAL POSITION SENSOR 1 |
| 127 | R | SENSOR GROUND |
| 128 | BR | ECM GROUND |

JRMWF4149GB

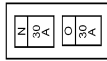
A
B
C
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O
P

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
|----------------|---------------------|
| Connector No. | E71 |
| Connector Name | FUSIBLE LINK HOLDER |
| Connector Type | 24380_JL00A |



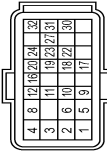
| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------|-----------------------------|
| N | R | - | - |
| O | GR | - | - |

| | |
|----------------|-----------------|
| Connector No. | E78 |
| Connector Name | DISTANCE SENSOR |
| Connector Type | AA208FB |



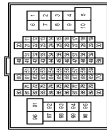
| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|----------------|-----------------------------|
| 1 | B | GROUND | GROUND |
| 2 | L | CAN-H | CAN-H |
| 3 | R | CAN-L | CAN-L |
| 5 | L | CHASSIS COMM-H | CHASSIS COMM-H |
| 6 | W | CHASSIS COMM-L | CHASSIS COMM-L |
| 8 | P | IGNITION | IGNITION |

| | |
|----------------|----------------|
| Connector No. | E79 |
| Connector Name | ECM |
| Connector Type | RH24FB-R28-R-H |



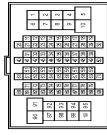
| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|-----------------------------------------|-----------------------------------------|
| 1 | B | ECM GROUND | ECM GROUND |
| 2 | W | ACCELERATOR PEDAL POSITION SENSOR 1 | ACCELERATOR PEDAL POSITION SENSOR 1 |
| 3 | Y | SENSOR GROUND | SENSOR GROUND |
| 4 | B | ACCELERATOR PEDAL POSITION SENSOR 2 | ACCELERATOR PEDAL POSITION SENSOR 2 |
| 5 | Y | SENSOR GROUND | SENSOR GROUND |
| 6 | L | POWER SUPPLY FOR ECM | POWER SUPPLY FOR ECM |
| 7 | G | ECM GROUND | ECM GROUND |
| 8 | B | SENSOR GROUND | SENSOR GROUND |
| 9 | L | FUEL HEATER AND WATER FUEL LEVEL SENSOR | FUEL HEATER AND WATER FUEL LEVEL SENSOR |
| 10 | L | SENSOR POWER LINE | SENSOR POWER LINE |
| 11 | V | ACCELERATOR PEDAL POSITION SENSOR 3 | ACCELERATOR PEDAL POSITION SENSOR 3 |
| 12 | P | SENSOR GROUND | SENSOR GROUND |
| 13 | B | STOP LAMP SWITCH [W/IN M/T] | STOP LAMP SWITCH [W/IN M/T] |
| 14 | R | IGNITION SWITCH [W/IN M/T] | IGNITION SWITCH [W/IN M/T] |
| 15 | LG | IGNITION SWITCH | IGNITION SWITCH |
| 16 | G | ASCD STEERING SWITCH | ASCD STEERING SWITCH |
| 17 | BR | SENSOR GROUND (ASCD STEERING SWITCH) | SENSOR GROUND (ASCD STEERING SWITCH) |
| 18 | BR | SENSOR GROUND (ASCD STEERING SWITCH) | SENSOR GROUND (ASCD STEERING SWITCH) |
| 19 | BR | SENSOR GROUND (ASCD STEERING SWITCH) | SENSOR GROUND (ASCD STEERING SWITCH) |
| 20 | BR | SENSOR GROUND (ASCD STEERING SWITCH) | SENSOR GROUND (ASCD STEERING SWITCH) |
| 21 | G | FUEL PUMP CONTROL MODULE (COMMAND) | FUEL PUMP CONTROL MODULE (COMMAND) |
| 22 | G | FUEL PUMP CONTROL MODULE (DIAGNOSIS) | FUEL PUMP CONTROL MODULE (DIAGNOSIS) |
| 23 | V | SPEED LIMITER MAIN SWITCH | SPEED LIMITER MAIN SWITCH |
| 24 | R | CLUTCH PEDAL POSITION SWITCH | CLUTCH PEDAL POSITION SWITCH |
| 25 | R | CLUTCH INTERLOCK SWITCH | CLUTCH INTERLOCK SWITCH |
| 26 | R | CLUTCH INTERLOCK SWITCH | CLUTCH INTERLOCK SWITCH |
| 27 | V | ASCD MAIN SWITCH | ASCD MAIN SWITCH |
| 28 | BR | CAN-L | CAN-L |
| 29 | BR | CAN-H | CAN-H |
| 30 | P | CAN-L | CAN-L |
| 31 | P | CAN-H | CAN-H |
| 32 | L | CAN-H | CAN-H |

| | |
|----------------|-------------------|
| Connector No. | E101 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH80FDGY-CST6-TM4 |



| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------|-----------------------------|
| 1 | G | - | - |
| 2 | W | - | - |
| 3 | G | - | - |
| 4 | BR | - | - |
| 5 | BR | - | - |
| 6 | W | - | - |
| 7 | B | - | - |
| 8 | W | - | - |
| 9 | SB | - | - |
| 10 | V | - | - |
| 11 | P | - | - |
| 12 | P | - | - |
| 13 | P | - | - |
| 14 | SB | - | - |
| 15 | V | - | - |
| 16 | P | - | - |
| 17 | P | - | - |
| 18 | G | - | - |
| 19 | P | - | - |
| 20 | G | - | - |
| 21 | BR | - | - |
| 22 | LG | - | - |
| 23 | Y | - | - |
| 24 | SB | - | - |
| 25 | G | - | - |
| 26 | B | - | - |
| 27 | P | - | - |
| 28 | R | - | - |
| 29 | LG | - | - |
| 30 | P | - | - |
| 31 | BR | - | - |
| 32 | GR | - | - |
| 33 | R | - | - |
| 34 | R | - | - |
| 35 | R | - | - |
| 36 | R | - | - |
| 37 | R | - | - |
| 38 | R | - | - |
| 39 | R | - | - |
| 40 | L | - | - |
| 41 | P | - | - |
| 42 | GR | - | - |
| 43 | SB | - | - |
| 44 | SB | - | - |
| 45 | P | - | - |
| 46 | P | - | - |
| 47 | P | - | - |
| 48 | P | - | - |
| 49 | P | - | - |
| 50 | P | - | - |
| 51 | P | - | - |
| 52 | L | - | - |
| 53 | W | - | - |
| 54 | Y | - | - |
| 55 | BR | - | - |
| 56 | P | - | - |
| 57 | B | - | - |
| 58 | L | - | - |
| 59 | W | - | - |
| 60 | G | - | - |
| 61 | G | - | - |
| 62 | V | - | - |
| 63 | BR | - | - |
| 64 | GR | - | - |

| | |
|----------------|------------------|
| Connector No. | E105 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH80FTW-CST6-TM4 |



| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|--------|------|-----------------------------|
| 2 | W | - | - |
| 5 | V | - | - [Without LSS] |
| 8 | W | - | - [With LSS] |
| 9 | L | - | - |
| 10 | LG | - | - |
| 11 | W | - | - |
| 12 | W | - | - |
| 13 | W | - | - |
| 14 | W | - | - |
| 15 | B | - | - |
| 16 | SHIELD | - | - |
| 17 | Y | - | - |
| 18 | W | - | - |
| 19 | SB | - | - |
| 20 | LG | - | - |
| 21 | B | - | - |
| 22 | SHIELD | - | - |
| 23 | Y | - | - |
| 24 | W | - | - |
| 25 | B | - | - |
| 26 | B | - | - |
| 27 | P | - | - |
| 28 | R | - | - |
| 29 | LG | - | - |
| 30 | P | - | - |
| 31 | P | - | - |
| 32 | P | - | - |
| 33 | P | - | - |
| 34 | P | - | - |
| 35 | B | - | - |
| 36 | LG | - | - |
| 37 | V | - | - |
| 38 | G | - | - |
| 39 | BR | - | - |
| 40 | L | - | - |
| 41 | P | - | - |
| 42 | GR | - | - |
| 43 | SB | - | - |
| 44 | SB | - | - |
| 45 | P | - | - |
| 46 | P | - | - |
| 47 | P | - | - |
| 48 | P | - | - |
| 49 | P | - | - |
| 50 | P | - | - |
| 51 | P | - | - |
| 52 | L | - | - |
| 53 | W | - | - |
| 54 | Y | - | - |
| 55 | BR | - | - |
| 56 | P | - | - |
| 57 | B | - | - |
| 58 | L | - | - |
| 59 | W | - | - |
| 60 | G | - | - |
| 61 | G | - | - |
| 62 | V | - | - |
| 63 | BR | - | - |
| 64 | GR | - | - |

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| Terminal No. | Color | Off Wire | Signal Name [Specification] |
|--------------|--------|----------|-----------------------------|
| 65 | LG | - | - |
| 66 | BG | - | - |
| 67 | L | - | - |
| 68 | R | - | - |
| 71 | V | - | - |
| 72 | L | - | - |
| 73 | R | - | - |
| 76 | L | - | - |
| 77 | V | - | - |
| 78 | LG | - | - |
| 79 | SHIELD | - | - |
| 80 | GR | - | - |
| 82 | Y | - | - |
| 83 | SB | - | - |
| 84 | L | - | - |
| 85 | G | - | - |
| 86 | Y | - | - |
| 87 | B | - | - |
| 88 | B | - | - |
| 91 | R | - | - |
| 92 | BR | - | - |
| 93 | W | - | - |
| 96 | GR | - | - |
| 97 | R | - | - |
| 98 | V | - | - |
| 99 | Y | - | - |

| Connector No. | E148 |
|----------------|-----------------------------------------------------------|
| Connector Name | POWER INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM) |
| Connector Type | NS08FBRCS |



| Terminal No. | Color | Off Wire | Signal Name [Specification] |
|--------------|-------|----------|-----------------------------|
| 49 | R | - | - |
| 50 | L | - | - |
| 51 | V | - | - |
| 52 | W | - | - |
| 53 | GR | - | - |
| 54 | LG | - | - |
| 55 | SB | - | - |
| 56 | BG | - | - |

| Connector No. | E152 |
|----------------|---------------------------|
| Connector Name | FRONT COMBINATION LAMP RH |
| Connector Type | RS08FB-FR |



| Terminal No. | Color | Off Wire | Signal Name [Specification] |
|--------------|-------|----------|-----------------------------|
| 7 | SB | - | - |
| 8 | B | - | - |
| 10 | SB | - | - |
| 11 | B | - | - |
| 12 | W | - | - |

| Connector No. | E154 |
|----------------|---------------------------|
| Connector Name | FRONT COMBINATION LAMP LH |
| Connector Type | RS08FB-FR |



| Terminal No. | Color | Off Wire | Signal Name [Specification] |
|--------------|-------|----------|-----------------------------|
| 7 | L | - | - |
| 8 | B | - | - |
| 10 | L | - | - |
| 11 | B | - | - |
| 12 | P | - | - |

| Connector No. | E162 |
|----------------|---------------------------|
| Connector Name | FRONT COMBINATION LAMP LH |
| Connector Type | RS08FB |



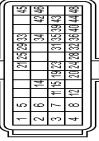
| Terminal No. | Color | Off Wire | Signal Name [Specification] |
|--------------|-------|----------|-----------------------------|
| 9 | L | - | - |
| 10 | B | - | - |
| 11 | V | - | - |

| Connector No. | E163 |
|----------------|---------------------------|
| Connector Name | FRONT COMBINATION LAMP RH |
| Connector Type | RS08FB |



| Terminal No. | Color | Off Wire | Signal Name [Specification] |
|--------------|-------|----------|-----------------------------|
| 9 | SB | - | - |
| 10 | B | - | - |
| 11 | V | - | - |

| Connector No. | E7 |
|----------------|-----------------|
| Connector Name | ECM |
| Connector Type | RH40FB-RZB-R-LH |



| Terminal No. | Color | Off Wire | Signal Name [Specification] |
|--------------|--------|----------|-----------------------------------------|
| 1 | W | - | FUEL INJECTOR NO.1(H) |
| 2 | W | - | FUEL INJECTOR NO.2(H) |
| 3 | W | - | FUEL INJECTOR NO.3(H) |
| 4 | W | - | FUEL INJECTOR NO.4(H) |
| 5 | B | - | FUEL INJECTOR NO.1(L) |
| 6 | B | - | FUEL INJECTOR NO.2(L) |
| 7 | B | - | FUEL INJECTOR NO.3(L) |
| 8 | B | - | FUEL INJECTOR NO.4(L) |
| 11 | B | - | ECM GROUND |
| 12 | BR | - | SHIELD |
| 14 | W | - | PARK/NEUTRAL POSITION SIGNAL |
| 15 | R | - | GNDA-PHASE |
| 19 | W | - | CAMSHAFT POSITION SENSOR |
| 20 | L | - | SENSOR GROUND |
| 21 | L | - | SENSOR POWER SUPPLY |
| 23 | Y | - | SENSOR POWER SUPPLY |
| 24 | Y | - | SENSOR POWER SUPPLY |
| 25 | L | - | SENSOR GROUND |
| 28 | BR | - | MASS AIR FLOW SENSOR |
| 29 | GR | - | ENGINE OIL PRESSURE SENSOR |
| 31 | G | - | ENGINE COOLANT TEMPERATURE SENSOR |
| 32 | P | - | ENGINE OIL TEMPERATURE SENSOR |
| 33 | G | - | FUEL RAIL PRESSURE SENSOR |
| 34 | P | - | REFRIGERANT PRESSURE SENSOR |
| 35 | V | - | INTAKE AIR TEMPERATURE SENSOR |
| 36 | SHIELD | - | SENSOR GROUND |
| 39 | R | - | SENSOR GROUND |
| 40 | W | - | KNOCK SENSOR |
| 42 | B | - | SENSOR GROUND |
| 43 | G | - | SENSOR POWER SUPPLY |
| 44 | BR | - | SENSOR GROUND |
| 45 | G | - | LIN COMMUNICATION LINE (LIN/ISS) |
| 46 | L | - | LIN COMMUNICATION LINE (LIN/ISS) |
| 46 | LG | - | EXHAUST VALVE TRIP COIL/POSITION SENSOR |
| 48 | GR | - | CRANKSHAFT POSITION SENSOR |

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
|----------------|----------------|
| Connector No. | F8 |
| Connector Name | ECM |
| Connector Type | RH40FBR-RZ8-LH |



| | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|
| 49 | 53 | 57 | 65 | 68 | 71 | 77 | 81 | 83 | 88 | 93 |
| 50 | 54 | 62 | 70 | 78 | 82 | 86 | 90 | 94 | | |
| 51 | 55 | 59 | 63 | 71 | 75 | 79 | 87 | 91 | 95 | |
| 52 | 56 | 60 | 64 | 72 | 80 | | | | | |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-------------------------------------------------------------------------------------------|
| 49 | Y | FUEL INJECTOR DRIVER POWER SUPPLY 1 |
| 50 | V | HIGH PRESSURE FUEL PUMP RELAY |
| 51 | W | HIGH PRESSURE FUEL PUMP(H) |
| 52 | B | HIGH PRESSURE FUEL PUMP(L) |
| 53 | W | FUEL INJECTOR DRIVER POWER SUPPLY 2 |
| 54 | BR | ECM GROUND |
| 55 | GR | ECM GROUND |
| 56 | B | ECM GROUND |
| 57 | Y | HEATED OXYGEN SENSOR |
| 59 | B | SENSOR GROUND |
| 60 | R | SENSOR POWER SUPPLY |
| 62 | B | SHIELD |
| 63 | G | THROTTLE POSITION SENSOR 1 |
| 64 | Y | AIR FUEL RATIO (AF) SENSOR 1 |
| 65 | W | VMOT |
| 69 | R | THROTTLE CONTROL MOTOR (OPEN) |
| 70 | SHIELD | SHIELD |
| 71 | W | THROTTLE POSITION SENSOR 2 |
| 72 | G | SENSOR GROUND |
| 73 | L | THROTTLE CONTROL MOTOR (CLOSE) |
| 75 | B | SENSOR GROUND |
| 77 | BG | SWP CARBURETOR FUEL VALVE CONTROL SOLENOID VALVE |
| 79 | Y | IGNITION SIGNAL NO.1 |
| 80 | V | INTAKE MANIFOLD RUNNER CONTROL VALVE POWER SUPPLY |
| 81 | G | THROTTLE MOTOR RELAY |
| 82 | BR | INTAKE MANIFOLD RUNNER CONTROL VALVE (CLOSE) |
| 85 | Y | IGNITION SIGNAL NO.2 |
| 86 | W | INTAKE MANIFOLD RUNNER CONTROL VALVE (OPEN) |
| 87 | P | IGNITION SIGNAL NO.3 |
| 89 | V | FUEL PUMP RELAY |
| 90 | SB | HEATED OXYGEN SENSOR HEATER |
| 91 | P | IGNITION SIGNAL NO.4 |
| 93 | P | ECM RELAY (SELF SHUT OFF) |
| 94 | G | AIR FUEL RATIO (AF) SENSOR 1 HEATER |
| 95 | GR | INTAKE VALVE TIMING CONTROL SOLENOID VALVE EXHAUST VALVE TIMING CONTROL SOLENOID VALVE |

| | |
|----------------|------------|
| Connector No. | F17 |
| Connector Name | COMPRESSOR |
| Connector Type | RH2FB |



| | |
|---|---|
| 1 | 2 |
|---|---|

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

| | |
|----------------|---------------------|
| Connector No. | F19 |
| Connector Name | OUTPUT SPEED SENSOR |
| Connector Type | RK03FB |



| | | |
|---|---|---|
| 1 | 2 | 3 |
|---|---|---|

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | GR | - |
| 2 | W | - |
| 3 | BG | - |

| | |
|----------------|---------------------------|
| Connector No. | F22 |
| Connector Name | TRANSMISSION RANGE SWITCH |
| Connector Type | YD06FB-HS4 |



| | | | |
|---|---|---|---|
| 8 | 4 | 3 | 7 |
| 2 | 6 | 5 | 1 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | BG | - |
| 2 | GR | - |
| 3 | W | - |
| 4 | V | - |
| 5 | G | - |
| 6 | BR | - |
| 7 | Y | - |
| 8 | GR | - |

| | |
|----------------|-----------------|
| Connector No. | F23 |
| Connector Name | TCM |
| Connector Type | RH40FB-RZ8-L-RH |



| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 33 | 34 | 35 | 37 | 38 | 39 | 40 | 47 | 48 |
| 22 | 24 | 26 | 30 | 32 | 34 | 36 | 45 | 46 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 41 | 42 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------|
| 2 | GR | - |
| 4 | Y | D RANGE SWITCH |
| 5 | BR | N RANGE SWITCH |
| 6 | G | R RANGE SWITCH |
| 7 | V | P RANGE SWITCH |
| 11 | LG | SENSOR GROUND |
| 12 | BR | CVT FLUID TEMPERATURE SENSOR |
| 16 | SB | SECONDARY PRESSURE SENSOR |
| 17 | B | PRIMARY PRESSURE SENSOR |
| 23 | P | CANL |
| 24 | LG | INPUT SPEED SENSOR |
| 26 | BG | SENSOR POWER SUPPLY |

| | | |
|----|----|----------------------------------------|
| 30 | GR | LINE PRESSURE SOLENOID VALVE |
| 33 | L | CANL |
| 34 | W | OUTPUT SPEED SENSOR |
| 35 | GR | PRIMARY SPEED SENSOR |
| 37 | Y | SELECT SOLENOID VALVE |
| 38 | G | TORQUE CONVERTER CLUTCH SOLENOID VALVE |
| 39 | W | SECONDARY PRESSURE SOLENOID VALVE |
| 40 | V | PRIMARY PRESSURE SOLENOID VALVE |
| 41 | B | GROUND |
| 42 | B | GROUND |
| 45 | V | BATTERY POWER SUPPLY |
| 46 | V | BATTERY POWER SUPPLY |
| 47 | BG | IGNITION POWER SUPPLY |
| 48 | BG | IGNITION POWER SUPPLY |

| | |
|----------------|--------------------------------------------|
| Connector No. | F33 |
| Connector Name | IGNITION COIL NO.1 (WITH POWER TRANSISTOR) |
| Connector Type | E03FGY-RS |



| | | |
|---|---|---|
| 1 | 2 | 3 |
|---|---|---|

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

| | |
|----------------|--------------------------------------------|
| Connector No. | F34 |
| Connector Name | IGNITION COIL NO.2 (WITH POWER TRANSISTOR) |
| Connector Type | E03FGY-RS |



| | | |
|---|---|---|
| 1 | 2 | 3 |
|---|---|---|

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | BR | - |
| 2 | GR | - |
| 3 | P | - |

| | |
|----------------|--------------------------------------------|
| Connector No. | F35 |
| Connector Name | IGNITION COIL No.3 (WITH POWER TRANSISTOR) |
| Connector Type | E03FGY-RS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | W | - |
| 2 | B | - |
| 3 | BG | - |

| | |
|----------------|--------------------------------------------|
| Connector No. | F36 |
| Connector Name | IGNITION COIL No.4 (WITH POWER TRANSISTOR) |
| Connector Type | E03FGY-RS |



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

| | |
|----------------|--------------------|
| Connector No. | F37 |
| Connector Name | FUEL INJECTOR No.1 |
| Connector Type | HS02FGY |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | LG | - [With QR25 engine] |
| 1 | W | - [With MR20 engine] |
| 2 | B | - [With MR20 engine] |
| 2 | L | - [With QR25 engine] |

| | |
|----------------|--------------------|
| Connector No. | F38 |
| Connector Name | FUEL INJECTOR No.2 |
| Connector Type | HS02FGY |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | BG | - [With QR25 engine] |
| 1 | W | - [With MR20 engine] |
| 2 | B | - [With MR20 engine] |
| 2 | G | - [With QR25 engine] |

| | |
|----------------|--------------------|
| Connector No. | F39 |
| Connector Name | FUEL INJECTOR No.3 |
| Connector Type | HS02FGY |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | W | - |
| 2 | B | - [With MR20 engine] |
| 2 | P | - [With QR25 engine] |

| | |
|----------------|--------------------|
| Connector No. | F40 |
| Connector Name | FUEL INJECTOR No.4 |
| Connector Type | HS02FGY |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | SB | - [With QR25 engine] |
| 1 | W | - [With MR20 engine] |
| 2 | B | - [With MR20 engine] |
| 2 | Y | - [With QR25 engine] |

| | |
|----------------|-----------------------------------|
| Connector No. | F46 |
| Connector Name | REVERSE / NEUTRAL POSITION SWITCH |
| Connector Type | FEA03FG-LC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | - |
| 2 | W | - |
| 3 | SB | - |

| | |
|----------------|-------------------------|
| Connector No. | F48 |
| Connector Name | NEUTRAL POSITION SWITCH |
| Connector Type | HK02FB |



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
|----------------|---------------------|
| Connector No. | F53 |
| Connector Name | COOLING FAN MOTOR-2 |
| Connector Type | RS4FGY-PR |



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

| | |
|----------------|--------------------|
| Connector No. | F54 |
| Connector Name | INPUT SPEED SENSOR |
| Connector Type | RK03FB |



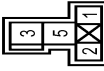
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | GR | - |
| 2 | LG | - |
| 3 | BR | - |

| | |
|----------------|----------------------|
| Connector No. | F55 |
| Connector Name | PRIMARY SPEED SENSOR |
| Connector Type | RK03FB |



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

| | |
|----------------|---------------------|
| Connector No. | F56 |
| Connector Name | COOLING FAN RELAY-2 |
| Connector Type | 24381-4BA1A |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | GR | - |
| 2 | V | - |
| 3 | G | - |
| 5 | P | - |

| | |
|----------------|------------|
| Connector No. | F59 |
| Connector Name | COMPRESSOR |
| Connector Type | RH02FLGY |



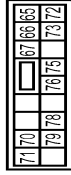
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 3 | SB | - |
| 4 | Y | - |

| | |
|----------------|------------|
| Connector No. | F61 |
| Connector Name | COMPRESSOR |
| Connector Type | RK02FGY |



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

| | |
|----------------|-----------------------------------------------------------|
| Connector No. | F72 |
| Connector Name | POWER INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM) |
| Connector Type | NS18FM-GS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------|
| 65 | P | - |
| 66 | L | - [With R3M Engine] |
| 68 | R | - [With ME20 or QR25 Engine] |
| 67 | V | - |
| 70 | BG | - [With CVT] |
| 70 | GR | - [With MT] |
| 71 | SB | - |
| 72 | GR | - |
| 73 | R | - [With R3M Engine] |
| 73 | Y | - [With ME20 or QR25 Engine] |
| 75 | BR | - [With ME20 or QR25 Engine] |
| 75 | L | - [With R3M Engine] |
| 76 | P | - |
| 78 | L | - [With QR25 engine] |
| 78 | R | - [With R3M Engine] |
| 79 | G | - |

| | |
|----------------|-----------------------------------------------------------|
| Connector No. | F73 |
| Connector Name | POWER INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM) |
| Connector Type | YL06FGY |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 81 | G | - |
| 83 | L | - |
| 84 | GR | - |
| 85 | P | - |

JRMWF4154GB

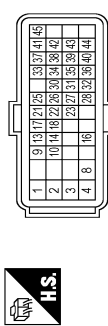
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | | |
|----|----|---|
| 86 | LG | - |
|----|----|---|

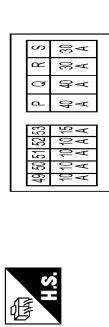
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|----------------|-----------------|
| Connector No. | F85 |
| Connector Name | ECM |
| Connector Type | RH40FB-R28-R-LH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-------------------------------------------------|
| 1 | G | THROTTLE CONTROL MOTOR (CLOSE) |
| 2 | GR | THROTTLE CONTROL MOTOR POWER SUPPLY |
| 3 | L | THROTTLE CONTROL MOTOR (OPEN) |
| 4 | W | KNOCK SENSOR |
| 8 | SHIELD | SENSOR GROUND |
| 9 | Y | FUEL INJECTOR NO. 4 |
| 10 | P | FUEL INJECTOR NO. 3 |
| 13 | L | FUEL INJECTOR NO. 1 |
| 14 | G | FUEL INJECTOR NO. 2 |
| 16 | BR | ECM GROUND |
| 17 | BG | SWP CAMSHAFT PHASE VALVE CONTROL SOLENOID VALVE |
| 18 | P | FUEL PUMP RELAY |
| 21 | V | THROTTLE CONTROL MOTOR RELAY |
| 22 | Y | HEATED OXYGEN SENSOR 2 |
| 23 | B | SENSOR GROUND |
| 25 | P | ENGINE OIL TEMPERATURE SENSOR |
| 26 | BR | SENSOR GROUND |
| 27 | L | SENSOR GROUND |
| 28 | G | ENGINE COOLANT TEMPERATURE SENSOR |
| 30 | R | SENSOR GROUND |
| 31 | W | CAMSHAFT POSITION SENSOR (PHASE) |
| 32 | B | SENSOR POWER SUPPLY |
| 33 | V | INTAKE AIR TEMPERATURE SENSOR |
| 34 | GR | SENSOR GROUND |
| 35 | BR | MASS AIR FLOW SENSOR |
| 36 | L | SENSOR POWER SUPPLY |
| 37 | SHIELD | SHIELD |
| 38 | SB | SENSOR GROUND |
| 39 | P | ENGINE OIL PRESSURE SENSOR |
| 40 | W | SENSOR POWER SUPPLY |
| 41 | Y | AFI SENSOR 1 |
| 42 | B | SENSOR GROUND |
| 43 | LG | EXHAUST VALVE TIMING CONTROL POSITION SENSOR |

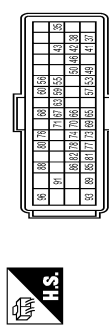
| | | |
|----|---|---------------------|
| 44 | Y | SENSOR POWER SUPPLY |
| 45 | G | AFI SENSOR 1 |

| | |
|----------------|-------------------------------|
| Connector No. | F116 |
| Connector Name | FUSE AND FUSIBLE LINK BLOCK-1 |
| Connector Type | 24381-4BA1A |



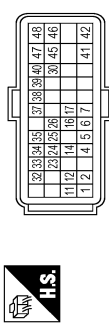
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------|
| 49 | V | - |
| 50 | GR | - |
| 51 | BR | - [With MR20 engine] |
| 52 | R | - [With RM engine] |
| 53 | LG | - |
| 54 | V | - |
| 55 | BG | - [With MR20 or QR25 Engine] |
| 56 | W | - [With RM Engine] |
| 57 | P | - |
| 58 | Q | LG |
| 59 | R | L |
| 60 | S | G |
| 61 | T | BR |

| | |
|----------------|-----------------|
| Connector No. | F117 |
| Connector Name | ECM |
| Connector Type | RH56FB-R28-R-LH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 35 | R | GLOW PLUG CONTROL (COMMAND) |
| 36 | LG | VOLTAGE STABILIZER SIGNAL |
| 37 | GR | FUEL PUMP RELAY CONTROL |
| 41 | G | ECM RELAY (SELF SHUT-OFF) |

| | |
|----------------|-----------------|
| Connector No. | F119 |
| Connector Name | TCM |
| Connector Type | RH40FB-R28-L-LH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|----------------------------------------|
| 1 | P | ELECTRIC OIL PUMP RELAY |
| 2 | GR | - |
| 4 | V | D RANGE SWITCH |
| 5 | BR | N RANGE SWITCH |
| 6 | G | R RANGE SWITCH |
| 7 | V | P RANGE SWITCH |
| 11 | LG | SENSOR GROUND |
| 12 | BR | CVT FLUID TEMPERATURE SENSOR |
| 14 | V | G SENSOR |
| 16 | SB | SECONDARY PRESSURE SENSOR |
| 17 | R | PRIMARY PRESSURE SENSOR |
| 23 | P | CAN-L |
| 24 | LG | INPUT SPEED SENSOR |
| 25 | R | ELECTRIC OIL PUMP COMMAND SIGNAL |
| 26 | BG | SENSOR POWER SUPPLY |
| 30 | GR | LINE PRESSURE SOLENOID VALVE |
| 32 | SB | ELECTRIC OIL PUMP STATUS SIGNAL |
| 33 | L | CAN-H |
| 34 | W | OUTPUT SPEED SENSOR |
| 35 | GR | PRIMARY SPEED SENSOR |
| 37 | Y | SELECT SOLENOID VALVE |
| 38 | G | TORQUE CONVERTER CLUTCH SOLENOID VALVE |
| 39 | W | SECONDARY PRESSURE SOLENOID VALVE |
| 40 | V | PRIMARY PRESSURE SOLENOID VALVE |
| 41 | B | GROUND |
| 42 | B | GROUND |
| 45 | V | BATTERY POWER SUPPLY |
| 46 | V | BATTERY POWER SUPPLY |
| 47 | BG | IGNITION POWER SUPPLY |
| 48 | BG | IGNITION POWER SUPPLY |

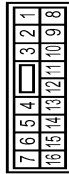
| | | |
|----|----|-------------------------------------------------|
| 42 | Y | RESTART RELAY |
| 43 | R | FUEL FLOW ACTUATOR |
| 46 | V | THERMOPLUNGER RELAY 2 |
| 49 | P | INTAKE MANIFOLD RUNNER CONTROL VALVE MOTOR (L) |
| 50 | BG | THERMOPLUNGER RELAY 1 |
| 53 | Y | THERMAL MANAGEMENT CONTROL VALVE |
| 55 | R | CRANKSHAFT POSITION SENSOR (POS) |
| 56 | B | THERMOPLUNGER RELAY 3 |
| 57 | SB | SENSOR POWER SUPPLY (CAMSHAFT POSITION SENSOR) |
| 59 | Y | SENSOR POWER SUPPLY (THERMOPLUNGER RELAY) |
| 60 | R | SENSOR GROUND (FUEL PRESSURE SENSOR) |
| 63 | LG | THERMOPLUNGER DIAGNOSIS 1 |
| 65 | SB | SENSOR GROUND (FUEL PRESSURE SENSOR) |
| 66 | SB | SENSOR GROUND (FUEL PRESSURE SENSOR) |
| 67 | W | GLOW PLUG CONTROL (DIAGNOSIS) |
| 68 | G | ENGINE COMMUNICATION LINE |
| 69 | GR | SENSOR GROUND (CAMSHAFT POSITION SENSOR) |
| 70 | Y | SENSOR GROUND (CAMSHAFT POSITION SENSOR) |
| 71 | L | CAMSHAFT POSITION SENSOR |
| 73 | B | SENSOR GROUND (FUEL RAIL PRESSURE SENSOR) |
| 74 | BR | INTAKE AIR TEMPERATURE SENSOR 1 |
| 76 | BR | THERMOPLUNGER DIAGNOSIS 2 |
| 77 | L | FUEL RAIL PRESSURE SENSOR |
| 78 | GR | MASS AIR FLOW SENSOR |
| 80 | W | PNP SIGNAL |
| 81 | P | SENSOR GROUND (CAMSHAFT POSITION SENSOR) |
| 82 | V | TURBOCHARGER BOOST SENSOR |
| 85 | G | INTAKE AIR TEMPERATURE SENSOR 2 |
| 86 | R | FUEL PRESSURE SENSOR |
| 88 | W | FUEL SENSOR HEATER |
| 89 | BR | AFI SENSOR HEATER |
| 91 | G | SENSOR POWER SUPPLY (FUEL RAIL PRESSURE SENSOR) |
| 93 | B | FUEL HEATER RELAY CONTROL |
| 96 | R | POWER SUPPLY FOR ECM (BACK-UP) |

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
|----------------|--------------|
| Connector No. | F121 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS16FBR-CS |



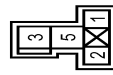
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------|
| 1 | B | - [With MR20 or QR25 engine] |
| 2 | BR | - [With R3M engine] |
| 3 | GR | - [With QR25 engine] |
| 4 | Y | - [With MR20 engine] |
| 5 | G | - [With R3M engine] |
| 6 | B | - [With MR20 engine] |
| 7 | L | - [With QR25 engine] |
| 8 | LG | - [With R3M engine] |
| 9 | V | - [With MR20 or QR25 engine] |
| 10 | W | - [With QR25 engine] |
| 11 | W | - [With R3M engine] |
| 12 | BR | - [Without ISS] |
| 13 | P | - [With ISS] |
| 14 | G | - [With QR25 engine] |
| 15 | L | - [With R3M engine] |
| 16 | R | - [With MR20 or QR25 engine] |

| | |
|----------------|--------------------|
| Connector No. | F128 |
| Connector Name | INPUT SPEED SENSOR |
| Connector Type | RK03FB |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | GR | - |
| 2 | LG | - |
| 3 | BR | - |

| | |
|----------------|----------------------|
| Connector No. | F135 |
| Connector Name | ENGINE RESTART RELAY |
| Connector Type | 24381 4BA1A |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | Y | - |
| 2 | R | - |
| 3 | L | - |
| 5 | P | - |

| | |
|----------------|---------------------|
| Connector No. | F157 |
| Connector Name | BACK-UP LAMP SWITCH |
| Connector Type | RK02FB |



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



| | |
|----------------|---------------------|
| Connector No. | F170 |
| Connector Name | RESISTOR |
| Connector Type | reissult 8200573202 |



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



| | |
|----------------|-----------|
| Connector No. | F213 |
| Connector Name | CONDENSER |
| Connector Type | MO2FW-LC |



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

| | |
|----------------|------------------|
| Connector No. | M1 |
| Connector Name | FUSE BLOCK (JIB) |
| Connector Type | NS08FW-M2 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1A | L | - |
| 2A | LG | - |
| 3A | Y | - |
| 4A | LG | - |
| 5A | R | - |
| 6A | BR | - |
| 7A | BR | - |
| 8A | SB | - |



| | |
|----------------|------------------|
| Connector No. | M2 |
| Connector Name | FUSE BLOCK (JIB) |
| Connector Type | NS16FBR-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------------|
| 10B | GR | - [With MR20 engine or R3M engine] |
| 10B | LA/GR | - [With QR25 Engine] |
| 12B | BR | - |
| 14B | W | - |
| 15B | W | - |
| 16B | GR | - |
| 1B | G | - |
| 2B | R | - |
| 3B | V | - |
| 6B | LA/L | - |
| 7B | LA/V | - |

JRMWF4156GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

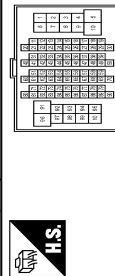
IGNITION POWER SUPPLY

| | |
|----------------|-----------------|
| Connector No. | M3 |
| Connector Name | FUSE BLOCK (UB) |
| Connector Type | NS16FW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 10C | LG | - |
| 13C | LAG | - |
| 14C | R | - |
| 15C | L | - |
| 16C | LAV | - |
| 1C | R | - |
| 2C | G | - |
| 3C | Y | - |
| 4C | LG | - |
| 5C | GR | - |
| 6C | LAV | - |
| 7C | Y | - |
| 8C | BR | - [With ISS] |
| 8C | LAVR | - [Without ISS] |
| 9C | L | - |

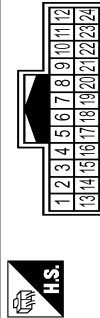
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|----------------|-----------------|
| Connector No. | M11 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH80FW-CS16-TM4 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | Y | - |
| 2 | Y | - |
| 6 | GR | - |
| 7 | LG | - |
| 20 | LAL | - |

| | | |
|-----|-----|---|
| 21 | LAV | - |
| 24 | G | - |
| 25 | BR | - |
| 73 | Y | - |
| 74 | R | - |
| 75 | R | - |
| 84 | L | - |
| 85 | L | - |
| 92 | LAV | - |
| 93 | LAV | - |
| 95 | SB | - |
| 97 | BG | - |
| 98 | Y | - |
| 99 | W | - |
| 100 | LAV | - |

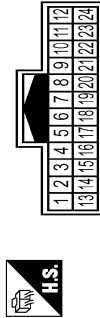
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|----------------|--------------|
| Connector No. | M18 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH24MW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | B | - |
| 2 | B | - |
| 3 | Y | - |
| 4 | V | - |
| 5 | BR | - |
| 6 | LG | - |
| 7 | L | - |
| 8 | Y | - |
| 9 | G | - |
| 10 | SHIELD | - |
| 11 | R | - |
| 13 | GR | - |
| 14 | LASE | - |
| 15 | LAVR | - |
| 16 | LAV | - |
| 17 | LAL | - |
| 18 | LAVG | - |
| 19 | LAV | - |
| 22 | LAV | - |

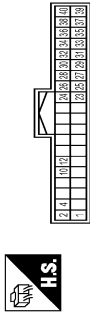
| | | |
|----|----|---|
| 23 | BG | - |
| 24 | SB | - |

| | |
|----------------|--------------|
| Connector No. | M20 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH24MW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | B | - |
| 3 | GR | - |
| 4 | Y | - |
| 5 | V | - |
| 6 | BR | - |
| 7 | L | - |
| 8 | Y | - |
| 9 | G | - |
| 10 | SHIELD | - |
| 11 | G | - |
| 13 | LAV | - |
| 14 | LAV | - |
| 15 | LAVR | - |
| 16 | LAV | - |
| 17 | LASE | - |
| 18 | LAVR | - |
| 19 | GR | - |
| 20 | GR | - |
| 21 | LAV | - |
| 22 | R | - |
| 23 | SB | - |
| 24 | BG | - |

| | |
|----------------|----------------------------------|
| Connector No. | M24 |
| Connector Name | AROUND VIEW MONITOR CONTROL UNIT |
| Connector Type | TH40FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|----------------------------------------------------|
| 1 | B | GROUND |
| 2 | Y | BATTERY POWER SUPPLY |
| 4 | SB | IGNITION SIGNAL |
| 10 | R | CAN-L |
| 12 | L | CAN-H |
| 23 | SHIELD | CAMERA IMAGE SIGNAL GROUND |
| 24 | G | CAMERA IMAGE SIGNAL |
| 25 | B | REAR CAMERA POWER SUPPLY |
| 26 | R | REAR CAMERA IMAGE SIGNAL (-) |
| 27 | SHIELD | REAR CAMERA IMAGE SIGNAL (+) |
| 28 | W | REAR CAMERA DRIVER SIDE GROUND |
| 29 | Y | SIDE CAMERA DRIVER SIDE POWER SUPPLY |
| 30 | L | SIDE CAMERA DRIVER SIDE IMAGE SIGNAL (-) |
| 31 | SHIELD | SIDE CAMERA DRIVER SIDE IMAGE SIGNAL (+) |
| 32 | G | SIDE CAMERA PASSENGER SIDE CAMERA POWER SUPPLY |
| 33 | L | SIDE CAMERA PASSENGER SIDE CAMERA IMAGE SIGNAL (-) |
| 34 | B | SIDE CAMERA PASSENGER SIDE CAMERA IMAGE SIGNAL (+) |
| 35 | SHIELD | FRONT CAMERA GROUND |
| 36 | Y | FRONT CAMERA POWER SUPPLY |
| 37 | V | FRONT CAMERA IMAGE SIGNAL (-) |
| 38 | L | FRONT CAMERA IMAGE SIGNAL (+) |
| 39 | SHIELD | FRONT CAMERA IMAGE SIGNAL (-) |
| 40 | LG | FRONT CAMERA IMAGE SIGNAL (+) |

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
|----------------|-----------------|
| Connector No. | M29 |
| Connector Name | IGNITION SWITCH |
| Connector Type | TH04FW-NH |



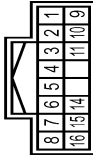
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | Y | - |
| 3 | B | - |
| 4 | LAV | - |

| | |
|----------------|-----------------------|
| Connector No. | M30 |
| Connector Name | STEERING ANGLE SENSOR |
| Connector Type | TH08GY-NH |



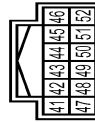
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | B | - |
| 2 | P | - |
| 4 | G | - |
| 5 | L | - |

| | |
|----------------|--------------------|
| Connector No. | M31 |
| Connector Name | COMBINATION SWITCH |
| Connector Type | TH16FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | LG | INPUT 5 |
| 2 | SB | OUTPUT 1 |
| 3 | GR | INPUT 4 |
| 4 | BG | OUTPUT 4 |
| 5 | G | INPUT 3 |
| 6 | W | INPUT 2 |
| 7 | Y | - |
| 8 | V | - |
| 9 | G | RR WASH MOTOR |
| 10 | BR | OUTPUT 2 |
| 11 | Y | FR WASH MOTOR |
| 14 | LG | IGN |
| 15 | P | OUTPUT 3 |
| 16 | GR | GND |

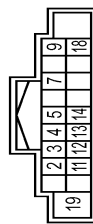
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|----------------|-------------------|
| Connector No. | M42 |
| Connector Name | COMBINATION METER |
| Connector Type | TH12FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 41 | L | CANH |
| 42 | P | CANL |
| 43 | W | ILLUMINATION CONTROL SIGNAL |
| 44 | LAV | FUEL LEVEL SENSOR GROUND |
| 45 | LAG | BATTERY POWER SUPPLY |
| 46 | LAVR | IGNITION SIGNAL (Input ISS) |

| | | |
|----|-----|-----------------------------|
| 46 | V | IGNITION SIGNAL (Input ISS) |
| 47 | SB | AV COMMUNICATION SIGNAL (H) |
| 48 | LG | AV COMMUNICATION SIGNAL (L) |
| 49 | Y | OIL LEVEL SENSOR SIGNAL |
| 50 | BG | OIL LEVEL SENSOR GROUND |
| 51 | LAV | FUEL LEVEL SENSOR SIGNAL |
| 52 | B | GROUND |

| | |
|----------------|------------|
| Connector No. | M46 |
| Connector Name | AUDIO UNIT |
| Connector Type | NH18FW-CS2 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------------------------|
| 2 | W | SOUND SIGNAL FRONT SPEAKER LH (With 6 Speaker) |
| 2 | Y | SOUND SIGNAL FRONT SPEAKER LH (With 4 Speaker) |
| 3 | P | SOUND SIGNAL FRONT SPEAKER LH (With 6 Speaker) |
| 3 | R | SOUND SIGNAL FRONT SPEAKER LH (With 4 Speaker) |
| 4 | GR | SOUND SIGNAL REAR SPEAKER LH+ |
| 5 | BR | SOUND SIGNAL REAR SPEAKER LH- |
| 7 | LG | ILLUMINATION SIGNAL |
| 9 | V | SOUND SIGNAL FRONT SPEAKER RH (With 6 Speaker) |
| 11 | W | SOUND SIGNAL FRONT SPEAKER RH (With 4 Speaker) |
| 12 | GR | SOUND SIGNAL FRONT SPEAKER RH (With 6 Speaker) |
| 12 | V | SOUND SIGNAL FRONT SPEAKER RH (With 4 Speaker) |
| 13 | LG | SOUND SIGNAL REAR SPEAKER RH+ |
| 14 | Y | SOUND SIGNAL REAR SPEAKER RH- |
| 18 | G | VEHICLE SPEED SIGNAL (8-PULSE) |
| 19 | L | BATTERY POWER SUPPLY |

| | |
|----------------|-----------------------------|
| Connector No. | M50 |
| Connector Name | FRONT HEATED SEAT SWITCH RH |
| Connector Type | NS06FRC-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | R | H SEAT_RLY |
| 2 | LAY | - |
| 3 | LAW | - |
| 4 | B | - |
| 5 | G | - |
| 6 | B | - |

| | |
|----------------|-----------------------------|
| Connector No. | M51 |
| Connector Name | FRONT HEATED SEAT SWITCH LH |
| Connector Type | NS06FW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | H SEAT_RLY |
| 2 | LAV | LO |
| 3 | LAVR | HI |
| 4 | B | GND |
| 5 | L | - |
| 6 | B | - |

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
|----------------|--------------------|
| Connector No. | M57 |
| Connector Name | STEERING LOCK UNIT |
| Connector Type | TH88FB-NH |



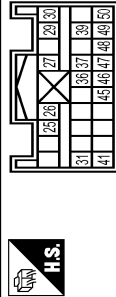
| | | |
|----|----|-----|
| 49 | BG | R |
| 50 | R | IGN |

| | |
|----------------|----------|
| Connector No. | M65 |
| Connector Name | DIODE-1 |
| Connector Type | ET102-2W |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-------------------------------|
| 1 | GR | STEERING LOCK UNIT GND |
| 2 | Y | STEERING LOCK UNIT PWR |
| 3 | Y | STEERING LOCK UNIT CANH |
| 6 | Y | STEERING LOCK UNIT SENSORLINE |
| 7 | GR | STEERING LOCK UNIT SAFETYLINE |
| 8 | P | STEERING LOCK UNIT CAN L |

| | |
|----------------|-------------------------------|
| Connector No. | M59 |
| Connector Name | AIR BAG DIAGNOSIS SENSOR UNIT |
| Connector Type | NH26FY-EX |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 25 | LG | INFLATOR AS- |
| 26 | SB | AS1(-) |
| 27 | B | AS1(+) |
| 29 | Y | DR1(-) |
| 30 | G | DR1(+) |
| 31 | B | ECZS(-) |
| 36 | BR | DEACTIVE |
| 37 | R | ACTIVE |
| 39 | SHIELD | GND |
| 43 | W | ECZS(+) |
| 45 | P | CANH |
| 46 | L | CANL |
| 47 | GR | AB ON IND |
| 48 | W | AB OFF IND |

| | |
|----------------|--------------|
| Connector No. | M75 |
| Connector Name | WIRE TO WIRE |
| Connector Type | MO8FV-LC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | Y | - |
| 2 | G | - |
| 3 | SB | - |
| 4 | W | - |
| 5 | W | - |
| 6 | B | - |

| | |
|----------------|-----------------|
| Connector No. | M77 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH80MW-CS16-TM4 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2 | LAVR | - |
| 5 | V | - [Without ISS] |
| 5 | W | - [With ISS] |
| 8 | G | - |
| 9 | Y | - |
| 10 | R | - |
| 20 | W | - |
| 21 | B | - |
| 22 | SHIELD | - |
| 31 | V | - |
| 32 | GR | - |
| 33 | G | - |
| 34 | LG | - |
| 35 | BG | - |

| | | |
|----|--------|-----------------|
| 36 | LG | - |
| 37 | V | - |
| 38 | G | - |
| 39 | BR | - |
| 40 | L | - |
| 41 | P | - |
| 47 | Y | - |
| 48 | BG | - |
| 51 | GR | - |
| 52 | SB | - |
| 53 | R | - |
| 54 | LAVL | - |
| 55 | BR | - |
| 56 | P | - |
| 57 | B | - |
| 58 | L | - |
| 59 | W | - |
| 60 | LAVR | - |
| 61 | P | - |
| 62 | V | - |
| 63 | LAVBR | - |
| 64 | Y | - |
| 65 | GR | - |
| 66 | BG | - |
| 67 | L | - |
| 68 | R | - |
| 71 | V | - |
| 72 | L | - |
| 73 | Y | - |
| 76 | L | - |
| 77 | V | - |
| 78 | LG | - |
| 79 | SHIELD | - |
| 80 | L | - [With ISS] |
| 80 | LAVL | - [Without ISS] |
| 82 | GR | - |
| 83 | LG | - |
| 84 | SB | - |
| 85 | G | - |
| 86 | G | - |
| 87 | B | - |
| 88 | B | - |
| 91 | L | - |
| 92 | W | - |
| 93 | W | - |
| 96 | LG | - |
| 97 | BR | - |
| 98 | V | - |
| 99 | R | - |

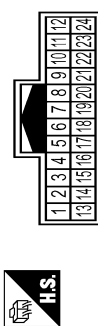
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

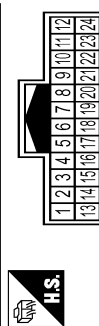
IGNITION POWER SUPPLY

| | |
|----------------|--------------|
| Connector No. | M81 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH24MW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | B | - |
| 3 | GR | - [With SOVI] |
| 3 | Y | - [Without SOVI] |
| 4 | V | - |
| 5 | BR | - |
| 6 | SB | - |
| 7 | B | - |
| 8 | L | - |
| 9 | Y | - |
| 10 | SHIELD | - |
| 11 | G | - |
| 13 | LAVS | - |
| 14 | LAV | - |
| 15 | LAV | - |
| 16 | LAV | - |
| 17 | GR | - |
| 18 | GR | - |
| 21 | LAV | - |

| | |
|----------------|--------------|
| Connector No. | M83 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH24MW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2 | B | - |
| 3 | W | - |
| 4 | P | - |
| 5 | SB | - |
| 6 | LG | - |
| 7 | B | - |
| 8 | L | - |
| 9 | Y | - |
| 10 | SHIELD | - |
| 11 | R | - |
| 13 | B | - |
| 14 | LAV | - |
| 15 | LAG | - |
| 16 | LAGR | - |
| 17 | LAP | - |
| 18 | LASB | - |
| 19 | B | - |
| 20 | LG | - |
| 21 | BR | - |
| 22 | LAG | - |

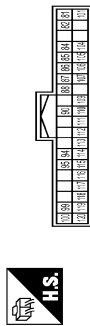
| | |
|----------------|---------------------------|
| Connector No. | M85 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | INST6BRCS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---------------------------------|
| 137 | W | BAT POWER SUPPLY (FUSE) |
| 138 | SB | INT ROOM LAMP CONT |
| 139 | L | PASSENGER DOOR UNLOCK OUTPUT |
| 141 | V | FRONT DOOR LOCK OUTPUT |
| 143 | LAV | POWER SUPPLY (FR DOOR LK ACT) |
| 144 | BG | POWER SUPPLY (TURN SIGNAL) |
| 145 | GR | POWER SUPPLY (STOP LAMP) |
| 146 | B | GROUND |
| 147 | B | GROUND |
| 148 | G | DRIVER DOOR UNLOCK OUTPUT |
| 149 | W | FRONT DOOR SUPERLOCK OUTPUT |
| 151 | R | POWER SUPPLY (REAR DOOR LK ACT) |

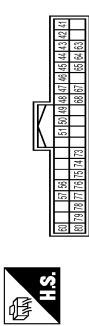
| | | |
|-----|----|---------------------------|
| 152 | LG | POWER SUPPLY (REAR WIPER) |
|-----|----|---------------------------|

| | |
|----------------|---------------------------|
| Connector No. | M86 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | TH40FB-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------------------|
| 81 | L | KEY SWITCH |
| 82 | LAVR | KEY SW (ST) [Without Intelligent key] |
| 82 | W | PASS DOOR REQ SW [With Intelligent key] |
| 84 | BR | COMBI SW OUTPUT 2 |
| 85 | SB | COMBI SW OUTPUT 1 |
| 87 | BG | COMBI SW OUTPUT 3 |
| 88 | W | PUSHETH IGN SW ILL CONT |
| 90 | Y | SIT CONDITION |
| 94 | G | DETENTION SW |
| 95 | V | EXTENDED STORAGE FUSE SW |
| 99 | R | STOP/START OFF SW |
| 100 | V | DRIVER DOOR ANT + |
| 101 | Y | PUSH SW |
| 104 | R | DR DOOR UNLK SENS |
| 105 | Y | DR DOOR REQ SW |
| 106 | W | ACC OUTPUT |
| 107 | V | SENSOR CANCEL SW |
| 109 | P | NATS ANTENNA AMP. |
| 110 | BG | DIMMER SIGNAL |
| 111 | R | DOOR LK STAT IND OUTPUT |
| 112 | SB | STOP/START OFF SW INDICATOR |
| 113 | LG | NATS ANTENNA AMP. |
| 114 | Y | NATS ANTENNA AMP. |
| 115 | W | NATS ANTENNA AMP. |
| 116 | BG | ROOM ANT 1 |
| 117 | GR | ROOM ANT 1 + |
| 118 | SB | PASSENGER DOOR ANT - |
| 119 | P | PASSENGER DOOR ANT + |
| 120 | BR | REAR DOOR ANT + |

| | |
|----------------|---------------------------|
| Connector No. | M87 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | TH40FGY-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------------|
| 41 | V | STEERING LOCK UNIT POWER SUPPLY |
| 42 | LAG | TURN SIG LH (SIDE) |
| 43 | LAV | TURN SIG RH (SIDE) |
| 44 | P | INTERIOR ROOM LAMP RELAY CONT |
| 45 | R | - |
| 46 | L | CAN-L |
| 47 | G | LIGHT & RAIN SENSOR |
| 48 | L | CAN-H |
| 49 | R | - |
| 50 | BG | DOOR LOCK SW |
| 51 | Y | HAZARD SW |
| 56 | P | DONGLE |
| 57 | L | CVT SHIFT SELECT DETENT SW) PWR |
| 60 | R | POWER WINDOW WASHER SW |
| 63 | G | POWER WINDOW DEFROGGER RELAY CONT |
| 64 | LAVR | REAR WINDOW DEFROGGER RELAY CONT |
| 65 | BR | ACC RELAY CONT |
| 67 | Y | IGN RELAY (F/B) CONT OUTPUT |
| 68 | LAV | BLOWER RELAY CONT |
| 73 | LG | COMBI SW INPUT 5 |
| 74 | Y | COMBI SW OUTPUT 5 |
| 75 | BG | SECURITY IND LAMP CONT |
| 76 | G | COMBI SW INPUT 3 |
| 77 | GR | COMBI SW INPUT 4 |
| 78 | V | COMBI SW INPUT 1 |
| 79 | W | COMBI SW INPUT 2 |
| 80 | SB | DOOR UNLOCK SW |

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
|----------------|-------------------|
| Connector No. | M97 |
| Connector Name | DC / DC CONVERTER |
| Connector Type | M06FW-LC |



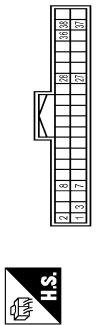
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | LG | POWER SUPPLY (BATTERY) |
| 2 | B | GROUND |
| 3 | L | POWER SUPPLY (BATTERY) |
| 4 | G | VOLTAGE OUTPUT |
| 6 | W | VOLTAGE OUTPUT |

| | |
|----------------|-----------------|
| Connector No. | M98 |
| Connector Name | DC/DC CONVERTER |
| Connector Type | TH04FW-NH |



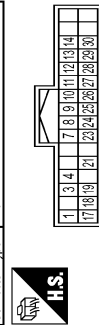
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 7 | SB | LIN |
| 9 | LG | VOLTAGE STABILIZER SIGNAL |
| 10 | R | POWER SUPPLY (IGNITION) |

| | |
|----------------|----------------------------------|
| Connector No. | M101 |
| Connector Name | AROUND VIEW MONITOR CONTROL UNIT |
| Connector Type | TH04FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--------------------------------------|
| 1 | B | GROUND |
| 2 | Y | BATTERY POWER SUPPLY |
| 3 | SB | IGNITION SIGNAL |
| 7 | R | BSW INDICATOR LH |
| 8 | G | BSW INDICATOR RH |
| 27 | L | CAN-L |
| 28 | R | CAN-H |
| 36 | Y | COMMUNICATION SIGNAL (CAMERA - PUMP) |
| 37 | V | COMM GND |
| 38 | SB | COMMUNICATION SIGNAL (PUMP - CAMERA) |

| | |
|----------------|-----------|
| Connector No. | M132 |
| Connector Name | A/C AMP |
| Connector Type | TH02FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | FAN AMP. CONT |
| 3 | SB | ACC PWR SPLY |
| 4 | V | IGN ON |
| 7 | L | CAN-H |
| 8 | W | MTR PWR SPLY (INT. MODE) |
| 9 | BG | AMIX 1 |
| 10 | Y | AMIX 2 |
| 11 | V | INT 1 |
| 12 | GR | INT 2 |
| 13 | LG | MODE 1 |

| | | |
|----|----|---------------------|
| 14 | SB | MODE 2 |
| 17 | W | BLOWER MTR F/B |
| 18 | BR | SENS GND (INTAKE) |
| 19 | B | GND |
| 21 | BG | INTAKE SENS |
| 23 | R | CAN-L |
| 24 | SB | MTR PWR SPLY (AMIX) |
| 25 | GR | AMIX 3 |
| 26 | BR | AMIX 4 |
| 27 | LG | INT 3 |
| 28 | W | INT 4 |
| 29 | BG | MODE 3 |
| 30 | G | MODE 4 |

| | |
|----------------|--------------|
| Connector No. | M134 |
| Connector Name | WIRE TO WIRE |
| Connector Type | M06MW-LC |



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

| | |
|----------------|--------------|
| Connector No. | M347 |
| Connector Name | BLOWER MOTOR |
| Connector Type | M02FW-LC |



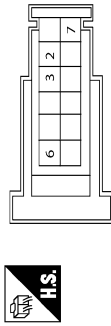
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | - | - |
| 2 | - | - |

| | |
|----------------|---------------------|
| Connector No. | M349 |
| Connector Name | POWER TRANSISTOR |
| Connector Type | YAZAKI 7283-6468-40 |



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

| | |
|----------------|--------------------|
| Connector No. | R22 |
| Connector Name | FRONT CAMERA UNIT |
| Connector Type | renault 8200280781 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2 | L | CAN-H |
| 3 | R | CAN-L |
| 6 | R | IGNITION POWER SUPPLY |
| 7 | B | GROUND |

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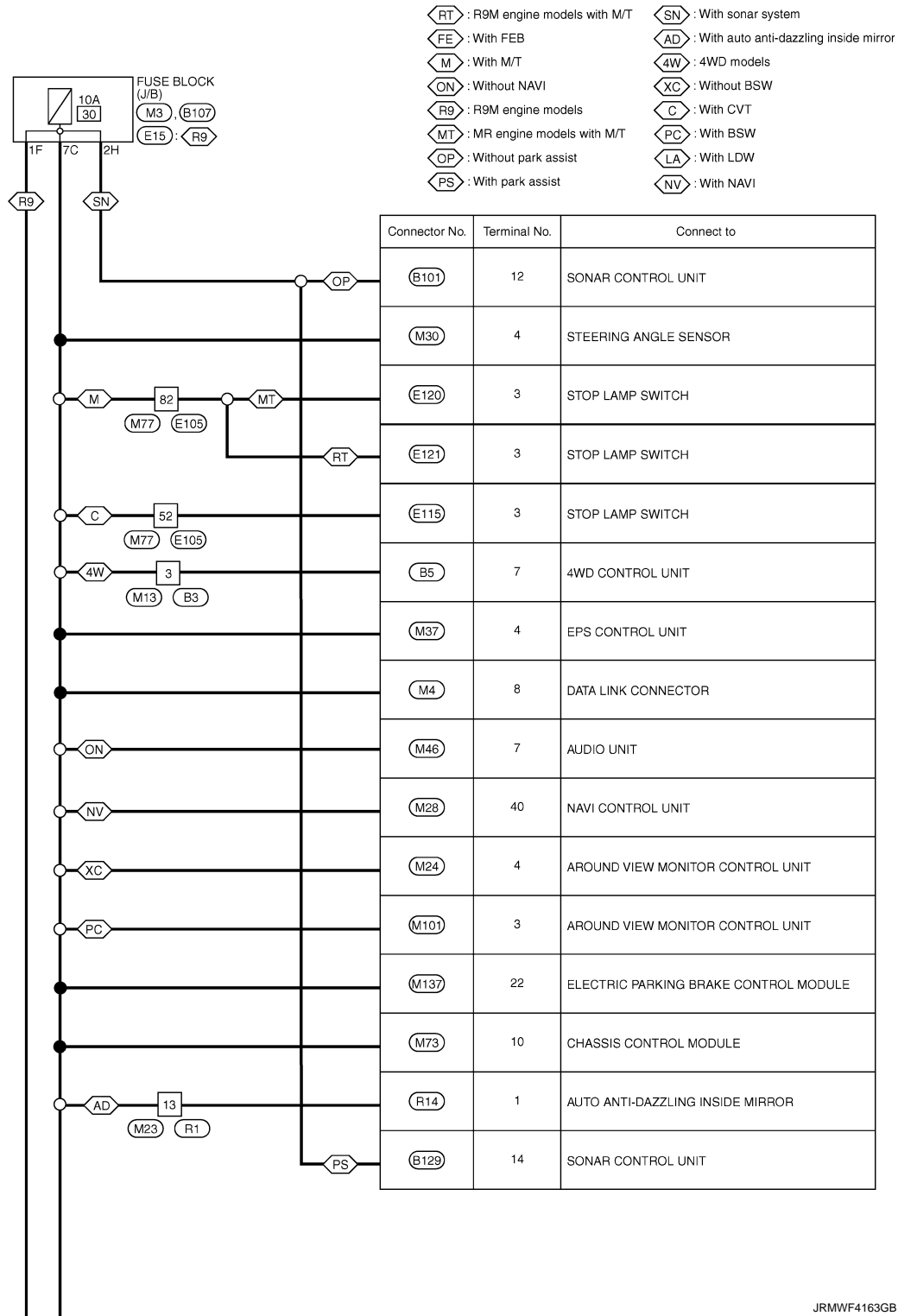
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 30 -

INFOID:000000010709207

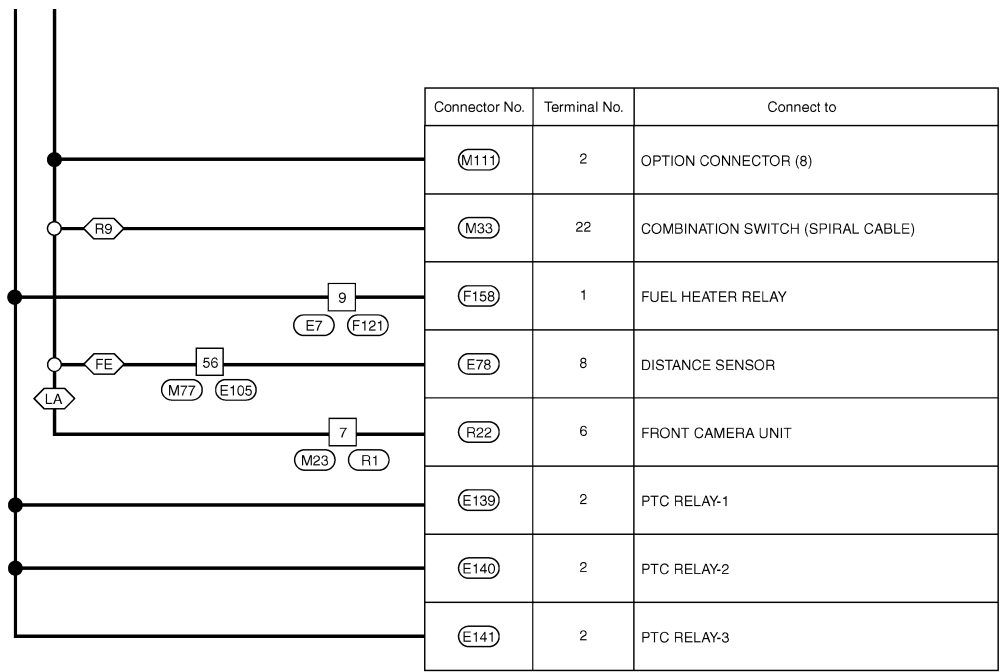
IGNITION POWER SUPPLY FUSE No. 30



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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



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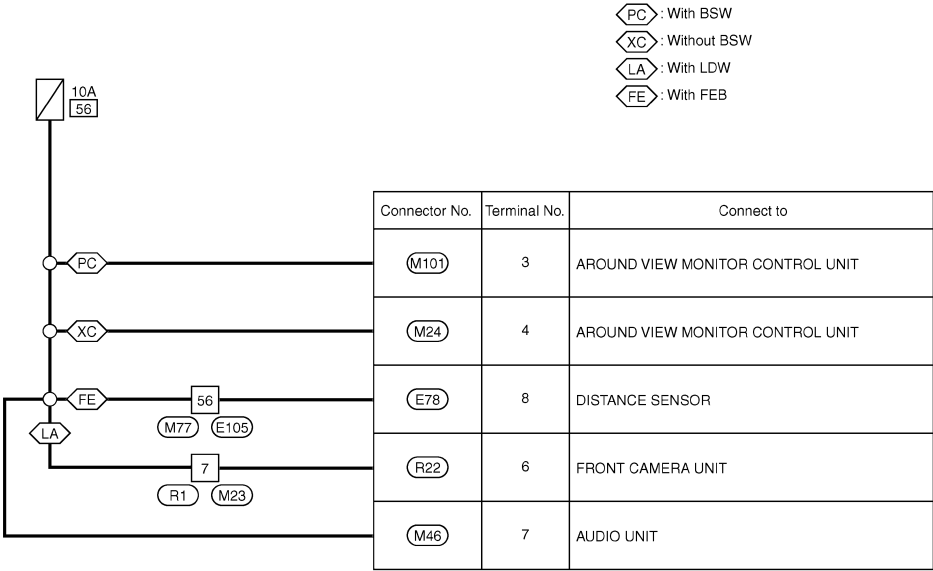
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 56 -
IGNITION POWER SUPPLY FUSE No. 56

INFOID:000000010709208



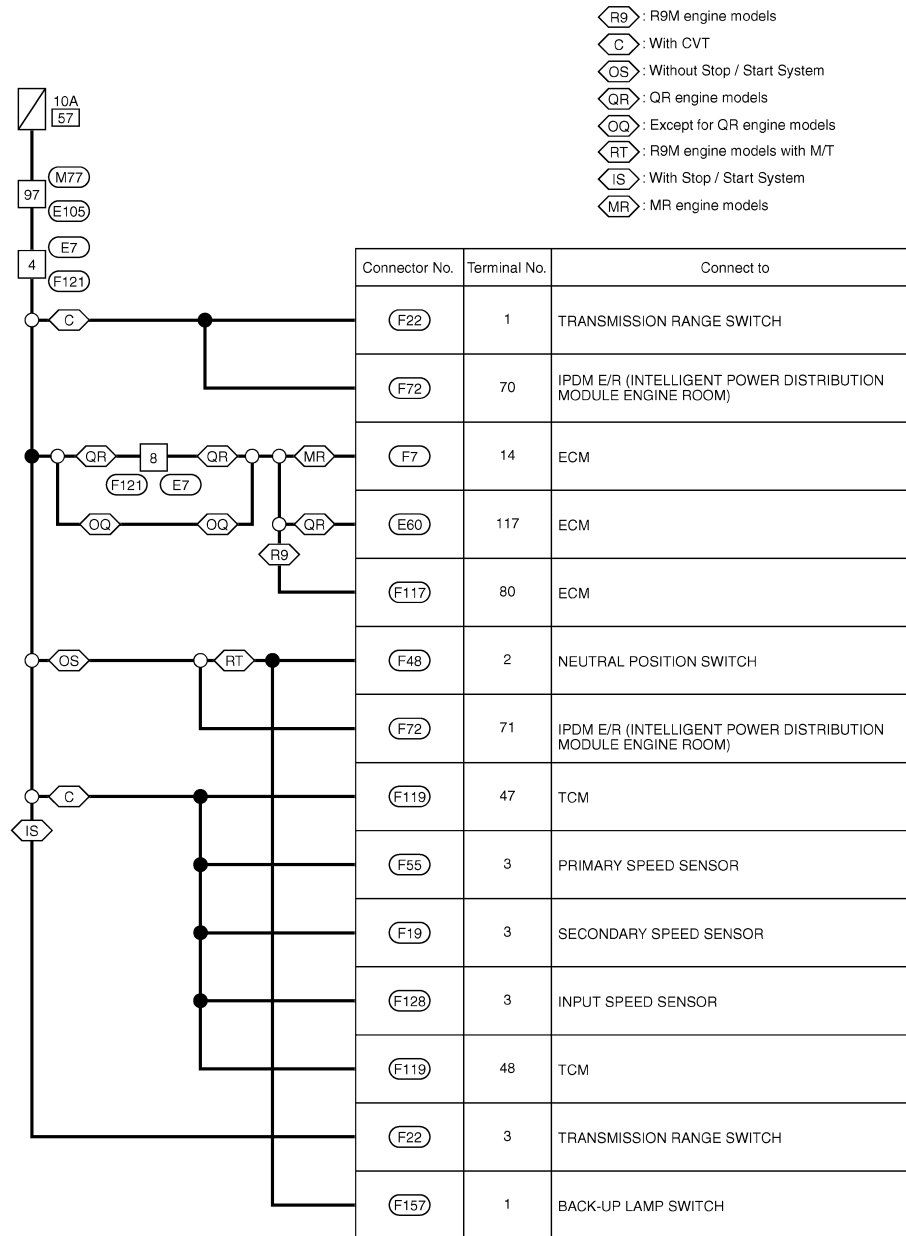
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 57 -

INFOID:000000010709209

IGNITION POWER SUPPLY FUSE No. 57



2014/03/17

JRMWF4167GB

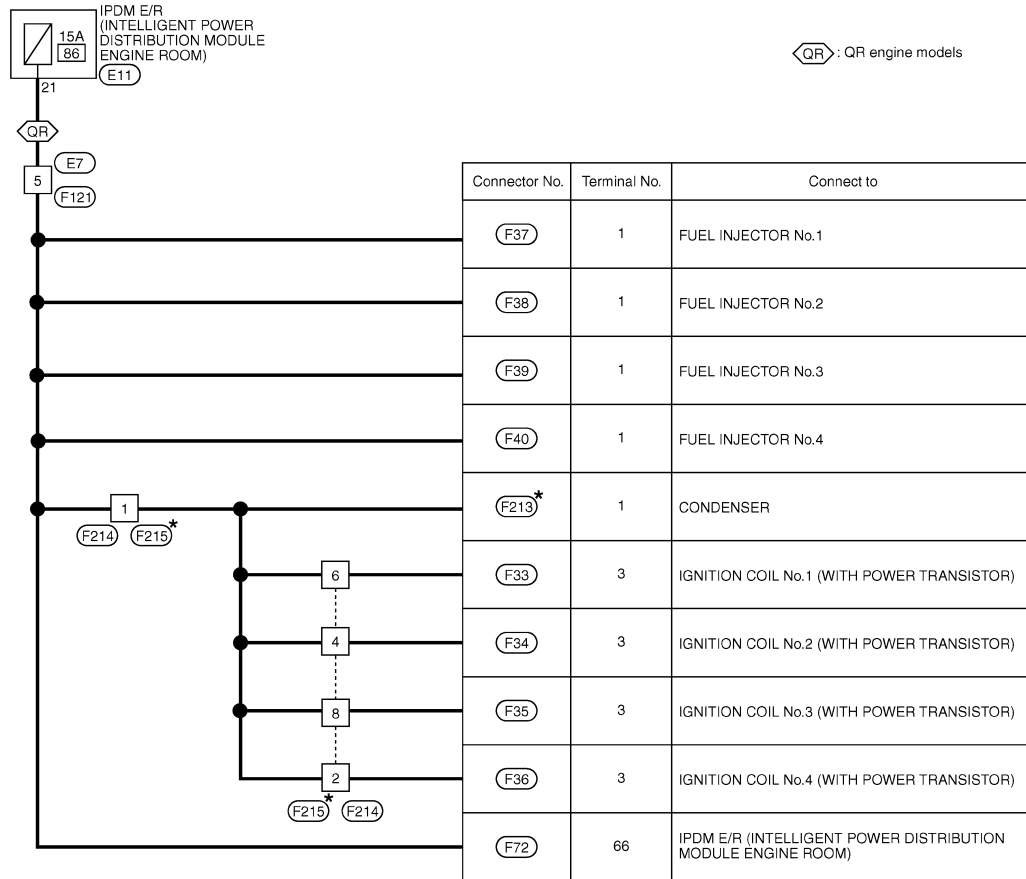
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 86 -

INFOID:000000010763706

IGNITION POWER SUPPLY FUSE No. 86



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

2014/03/17

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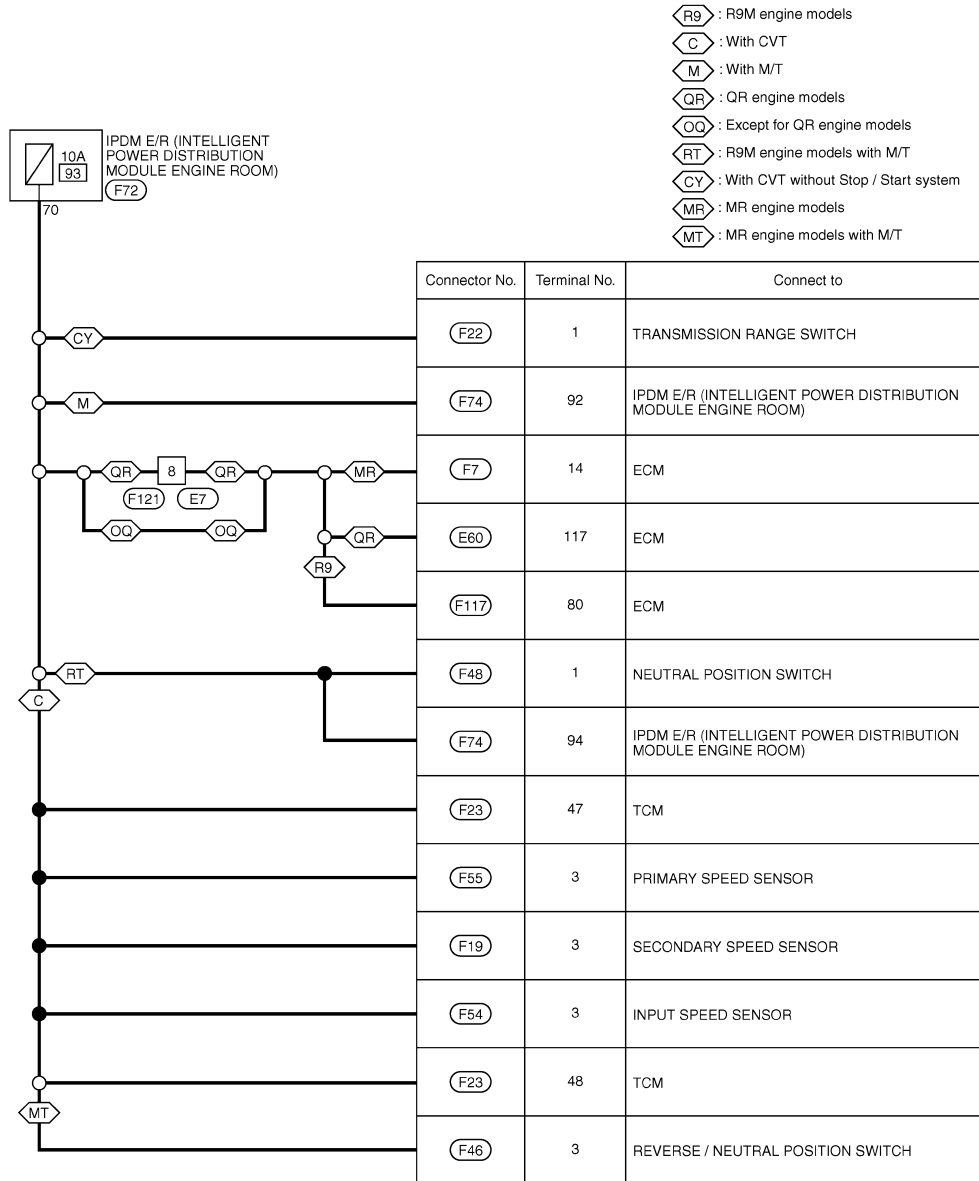
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 93 -

INFOID:000000010763707

IGNITION POWER SUPPLY FUSE No. 93



2014/03/17

JRMWF4169GB

A
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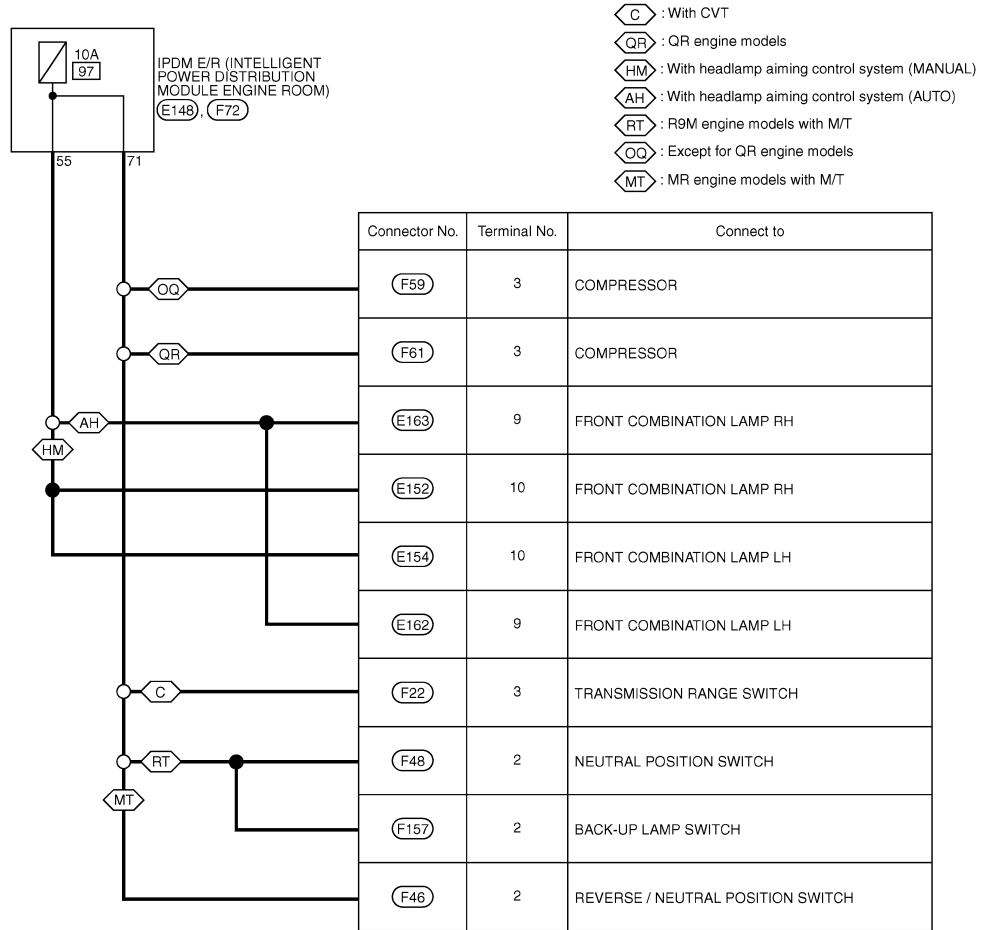
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 97 -

INFOID:000000010763708

IGNITION POWER SUPPLY FUSE No. 97



2014/03/17

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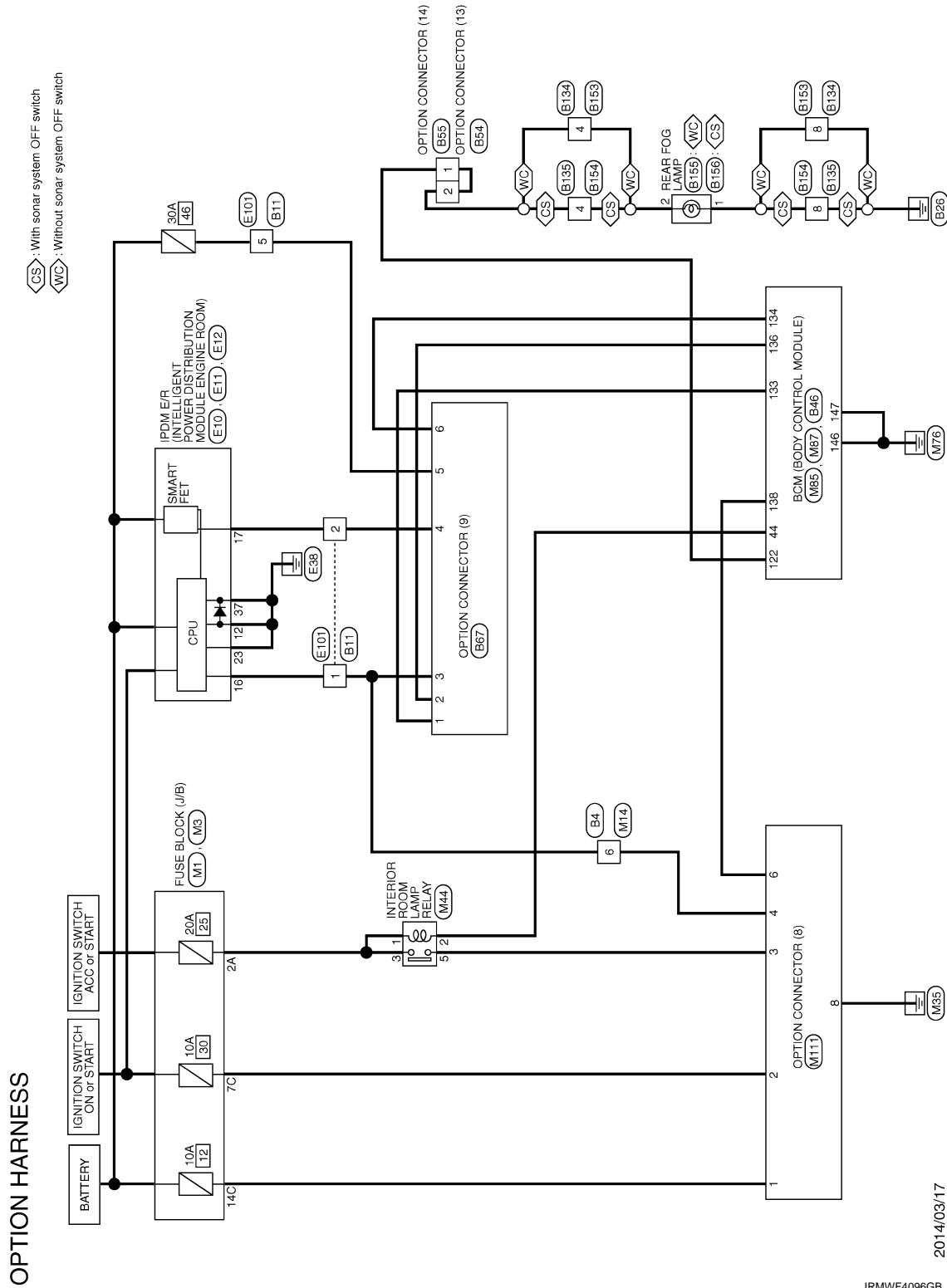
OPTION HARNESS

< WIRING DIAGRAM >

OPTION HARNESS

Wiring Diagram

INFOID:0000000010763709



2014/03/17

JRMWF4096GB

OPTION HARNESS

< WIRING DIAGRAM >

OPTION HARNESS

| | |
|----------------|--------------|
| Connector No. | B4 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS16MW-CS |



| | | | | | | | | |
|----|----|----|----|----|----|----|---|---|
| 7 | 6 | 5 | 4 | 3 | 2 | 1 | | |
| 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 4 | LAG | - |
| 5 | W | - |
| 6 | G | - |
| 7 | R | - |
| 8 | LAG | - |
| 9 | P | - |
| 10 | R | - |
| 11 | LAV | - |
| 12 | LAL | - |
| 13 | LAR | - |
| 14 | LARB | - |
| 15 | LARB | - |
| 16 | R | - |

| | |
|----------------|--------------------|
| Connector No. | B11 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH80MEDGY-CS16-TM4 |



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | - |
| 2 | LARB | - |
| 5 | BG | - |
| 11 | BR | - |
| 12 | W | - |
| 13 | P | - |

| | | |
|----|----|---|
| 14 | SB | - |
| 15 | V | - |
| 16 | P | - |
| 17 | P | - |
| 18 | G | - |
| 19 | P | - |
| 20 | R | - |
| 21 | BR | - |
| 22 | Y | - |
| 23 | BG | - |
| 24 | SB | - |
| 25 | G | - |
| 26 | B | - |
| 27 | P | - |
| 28 | R | - |
| 29 | LG | - |
| 30 | P | - |
| 32 | BR | - |
| 33 | GR | - |
| 34 | Y | - |
| 35 | LG | - |
| 37 | LG | - |

| | |
|----------------|---------------------------|
| Connector No. | B46 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | NS16FGY-CS |



| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 121 | LAV | BACK DOOR OPENER CONT |
| 122 | Y | REAR FOG LAMP OUTPUT |
| 123 | LAR | REAR WIPER OUTPUT |
| 124 | W | REAR DOOR UNLOCK OUTPUT |
| 125 | L | REAR DOOR LOCK OUTPUT |
| 127 | R | LUGGAGE ROOM LAMP CONT |
| 129 | LAW | STOP LAMP LH OUT |
| 131 | R | REAR DOOR SUPER LOCK OUTPUT |
| 133 | GR | TURN SIG LH (REAR) |
| 134 | LAV | STOP LAMP RH OUT |
| 136 | P | TURN SIG RH (REAR) |

| | |
|----------------|-----------------------|
| Connector No. | B54 |
| Connector Name | OPTION CONNECTOR (13) |
| Connector Type | NS02MBR-CS |



| | |
|---|---|
| 2 | 1 |
|---|---|

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

| | |
|----------------|-----------------------|
| Connector No. | B55 |
| Connector Name | OPTION CONNECTOR (14) |
| Connector Type | NS02FBR-CS |



| | |
|---|---|
| 1 | 2 |
|---|---|

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

| | |
|----------------|----------------------|
| Connector No. | B67 |
| Connector Name | OPTION CONNECTOR (9) |
| Connector Type | MO6FW-LC |



| | | |
|---|---|---|
| 1 | 2 | 3 |
| 4 | 5 | 6 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | GR | - |
| 2 | P | - |
| 3 | G | - |
| 4 | BR | - |
| 6 | BG | - |
| 6 | Y | - |

| | |
|----------------|--------------|
| Connector No. | B134 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH46MB |



| | |
|---|---|
| A | B |
|---|---|

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 4 | SB | - |
| 8 | B | - |

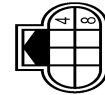
JRMWF4097GB

OPTION HARNESS

< WIRING DIAGRAM >

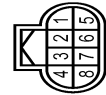
OPTION HARNESS

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| Connector No. | B135 |
| Connector Name | WIRE TO WIRE |
| Connector Type | RH08MB |



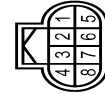
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|--------------|------|-----------------------------|
| Terminal No. | Wire | Signal Name [Specification] |
| 4 | SB | - |
| 8 | B | - |

| | |
|----------------|--------------|
| Connector No. | B153 |
| Connector Name | WIRE TO WIRE |
| Connector Type | RH08FB |



| | | |
|--------------|------|-----------------------------|
| Terminal No. | Wire | Signal Name [Specification] |
| 4 | Y | - |
| 8 | B | - |

| | |
|----------------|--------------|
| Connector No. | B154 |
| Connector Name | WIRE TO WIRE |
| Connector Type | RH08FB |



| | | |
|--------------|------|-----------------------------|
| Terminal No. | Wire | Signal Name [Specification] |
| 4 | Y | - |
| 8 | B | - |

| | |
|----------------|---------------|
| Connector No. | B155 |
| Connector Name | REAR FOG LAMP |
| Connector Type | RS02FGY |



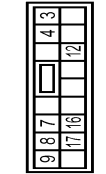
| | | |
|--------------|------|-----------------------------|
| Terminal No. | Wire | Signal Name [Specification] |
| 1 | B | - |
| 2 | Y | - |

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|----------------|---------------|
| Connector No. | B156 |
| Connector Name | REAR FOG LAMP |
| Connector Type | RS02FGY |



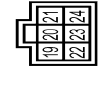
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| Terminal No. | Wire | Signal Name [Specification] |
| 1 | B | - |
| 2 | Y | - |

| | |
|----------------|-----------------------------------------------------------|
| Connector No. | E10 |
| Connector Name | POWER INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM) |
| Connector Type | NS16FGY-CS |



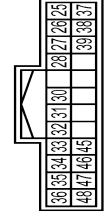
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|--------------|------|-----------------------------|
| Terminal No. | Wire | Signal Name [Specification] |
| 3 | P | - |
| 4 | Y | - |
| 7 | L | - |
| 8 | B | - |
| 9 | L | - |
| 12 | B | - |
| 16 | G | - |
| 17 | W | - |

| | |
|----------------|-----------------------------------------------------------|
| Connector No. | E11 |
| Connector Name | POWER INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM) |
| Connector Type | renault_243405408R |



| | | |
|--------------|------|-----------------------------|
| Terminal No. | Wire | Signal Name [Specification] |
| 19 | V | - |
| 20 | R | - |
| 21 | LG | - |
| 22 | Y | - |
| 23 | B | - |
| 24 | W | - |

| | |
|----------------|-----------------------------------------------------------|
| Connector No. | E12 |
| Connector Name | POWER INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM) |
| Connector Type | TH24FGY-NH |



| | | |
|--------------|------|-----------------------------|
| Terminal No. | Wire | Signal Name [Specification] |
| 25 | LG | - |
| 26 | W | - |
| 27 | SB | - |
| 28 | P | - |
| 30 | L | - |
| 31 | G | - |
| 32 | B | - |
| 33 | B | - |
| 34 | LG | - |
| 35 | V | - |
| 36 | Y | - |
| 37 | B | - |
| 38 | GR | - |
| 39 | BR | - |

OPTION HARNESS

< WIRING DIAGRAM >

OPTION HARNESS

| | | |
|----|---|---|
| 45 | L | - |
| 46 | P | - |
| 47 | W | - |
| 48 | R | - |

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|----------------|-------------------|
| Connector No. | E101 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH80FDGY-CS16-TM4 |



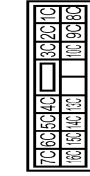
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | - |
| 2 | W | - |
| 5 | G | - |
| 11 | BR | - |
| 12 | W | - |
| 13 | P | - |
| 14 | SB | - |
| 15 | V | - |
| 16 | P | - |
| 17 | P | - |
| 18 | G | - |
| 19 | P | - |
| 20 | G | - |
| 21 | BR | - |
| 22 | LG | - |
| 23 | Y | - |
| 24 | SB | - |
| 25 | G | - |
| 26 | B | - |
| 27 | P | - |
| 28 | R | - |
| 29 | LG | - |
| 30 | P | - |
| 92 | BR | - |
| 93 | GR | - |
| 94 | R | - |
| 95 | L | - |
| 97 | LG | - |

| | |
|----------------|------------------|
| Connector No. | M1 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | NS06FW-M2 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1A | L | - |
| 2A | LG | - |
| 3A | Y | - |
| 4A | LG | - |
| 5A | R | - |
| 6A | RG | - |
| 7A | BR | - |
| 8A | SB | - |

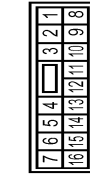
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|----------------|------------------|
| Connector No. | M3 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | NS16FW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 10C | LG | - |
| 13C | LAG | - |
| 14C | R | - |
| 15C | L | - |
| 16C | LA/W | - |
| 1C | R | - |
| 2C | G | - |
| 3C | Y | - |
| 4C | LG | - |
| 5C | GR | - |
| 6C | L/R | - |
| 7C | Y | - |

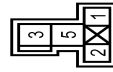
| | | |
|----|-------|-----------------|
| 8C | BR | - [With ISS] |
| 8C | LA/BR | - [Without ISS] |
| 9C | L | - |

| | |
|----------------|--------------|
| Connector No. | M14 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS16FW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 4 | Y | - |
| 5 | W | - |
| 6 | LAG | - |
| 7 | R | - |
| 8 | BR | - |
| 9 | G | - |
| 10 | R | - |
| 11 | LG | - |
| 12 | GR | - |
| 13 | BR | - |
| 14 | L/L | - |
| 15 | LA/BR | - |
| 16 | GR | - |

| | |
|----------------|--------------------------|
| Connector No. | M44 |
| Connector Name | INTERIOR ROOM LAMP RELAY |
| Connector Type | MS02FL-M2-LC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | LG | - |
| 2 | P | - |
| 3 | LG | - |
| 5 | V | - |

| | |
|----------------|---------------------------|
| Connector No. | M85 |
| Connector Name | ECM (BODY CONTROL MODULE) |
| Connector Type | NS16BR-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---------------------------------|
| 137 | W | BAT POWER SUPPLY (FUSE) |
| 138 | SB | INT ROOM LAMP CONT |
| 139 | L | PASSENGER DOOR UNLOCK OUTPUT |
| 141 | V | FRONT DOOR LOCK OUTPUT |
| 143 | LAV | POWER SUPPLY (R DOOR LK ACT) |
| 144 | BG | POWER SUPPLY (TURN SIGNAL) |
| 145 | GR | POWER SUPPLY (STOP LAMP) |
| 146 | B | GROUND |
| 147 | B | GROUND |
| 148 | G | DRIVER DOOR UNLOCK OUTPUT |
| 149 | W | FRONT DOOR SUPERLOCK OUTPUT |
| 151 | R | POWER SUPPLY (REAR DOOR LK ACT) |
| 152 | LG | POWER SUPPLY (REAR WIPER) |

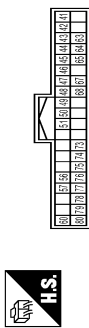
JRMWF4099GB

OPTION HARNESS

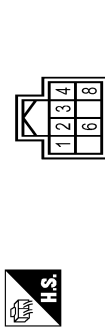
< WIRING DIAGRAM >

OPTION HARNESS

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| Connector No. | M87 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | TH40FGY-NH |



| | |
|----------------|----------------------|
| Connector No. | M111 |
| Connector Name | OPTION CONNECTOR (8) |
| Connector Type | TH08FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|----------------------------------|
| 41 | V | STEERING LOCK UNIT POWER SUPPLY |
| 42 | LAG | TURN SIG LH (SIDE) |
| 43 | LAY | TURN SIG RH (SIDE) |
| 44 | P | INTERIOR ROOM LAMP RELAY CONT |
| 45 | R | CAN-L |
| 46 | L | CAN-H |
| 47 | G | LIGHT & RAIN SENSOR |
| 48 | L | CAN-H |
| 49 | R | CAN-L |
| 50 | BG | DOOR LOCK SW |
| 51 | Y | HAZARD SW |
| 56 | P | DONGLE |
| 57 | L | CVT SHIFT SELECT (DETENT SW) PWR |
| 60 | R | HEADLAMP WASHER SW |
| 63 | G | POWER WINDOW RELAY CON |
| 64 | LAR | REAR WINDOW DEFROGGER RELAY CONT |
| 65 | BR | ACC RELAY CONT |
| 67 | Y | IGN RELAY (FIB) CONT OUTPUT |
| 68 | LAW | BLOWER RELAY CONT |
| 73 | LG | COMBI SW INPUT 5 |
| 74 | Y | COMBI SW OUTPUT 5 |
| 75 | BG | SECURITY IND LAMP CONT |
| 76 | G | COMBI SW INPUT 3 |
| 77 | GR | COMBI SW INPUT 4 |
| 78 | V | COMBI SW INPUT 1 |
| 79 | W | COMBI SW INPUT 2 |
| 80 | SB | DOOR UNLOCK SW |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | R | - |
| 2 | L | - |
| 3 | V | - |
| 4 | LAG | - |
| 6 | BR | - |
| 8 | B | - |

JRMWF4100GB

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FUSE BLOCK - JUNCTION BOX (J/B)

< WIRING DIAGRAM >

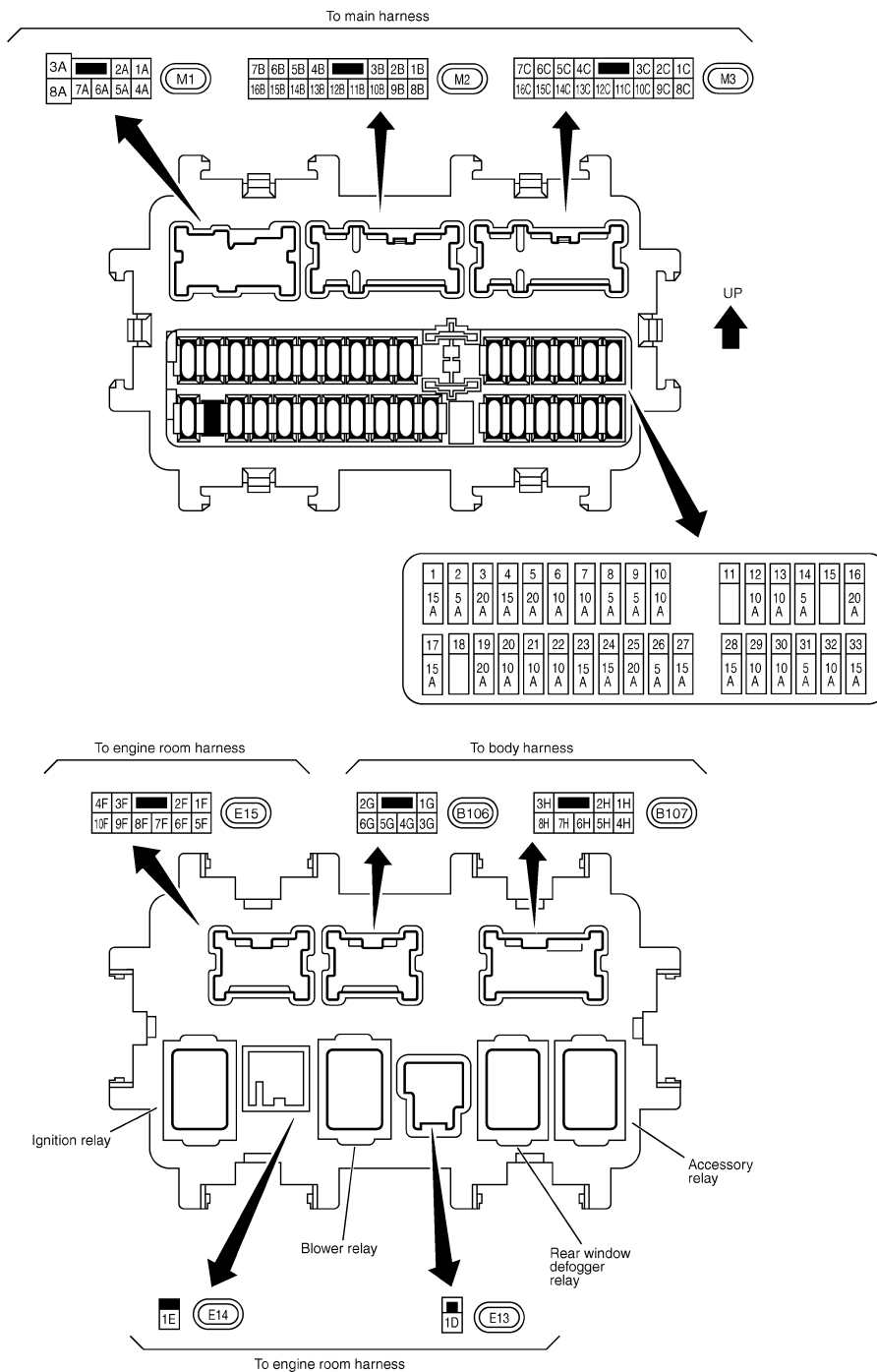
FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

INFOID:0000000107092.10

FUSE BLOCK-JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

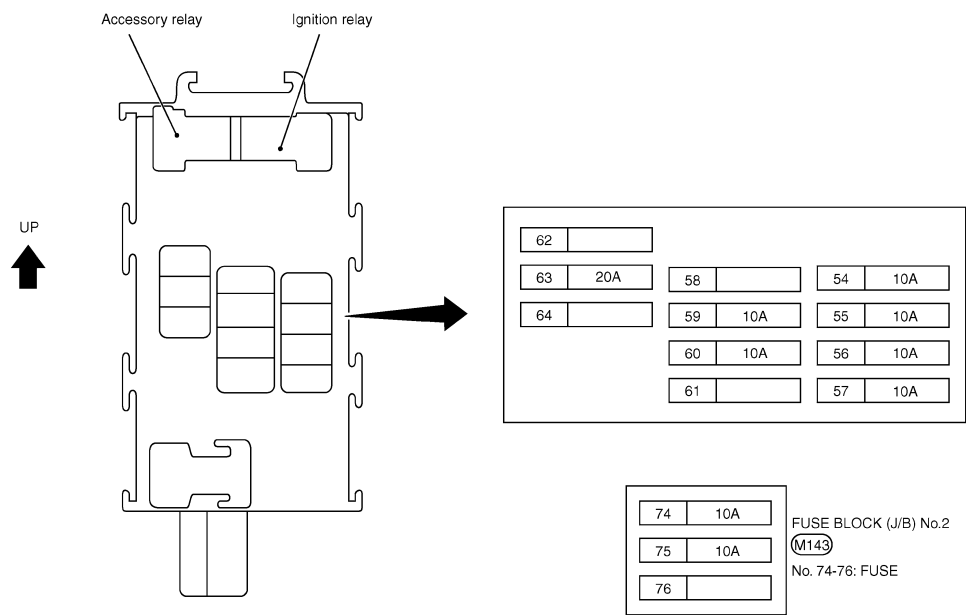


FUSE BLOCK - JUNCTION BOX (J/B)

< WIRING DIAGRAM >

WITH STOP/START SYSTEM

FUSE BLOCK-JUNCTION BOX (J/B) IS Fuse, Connector and Terminal Arrangement



FUSE, FUSIBLE LINK AND RELAY BOX

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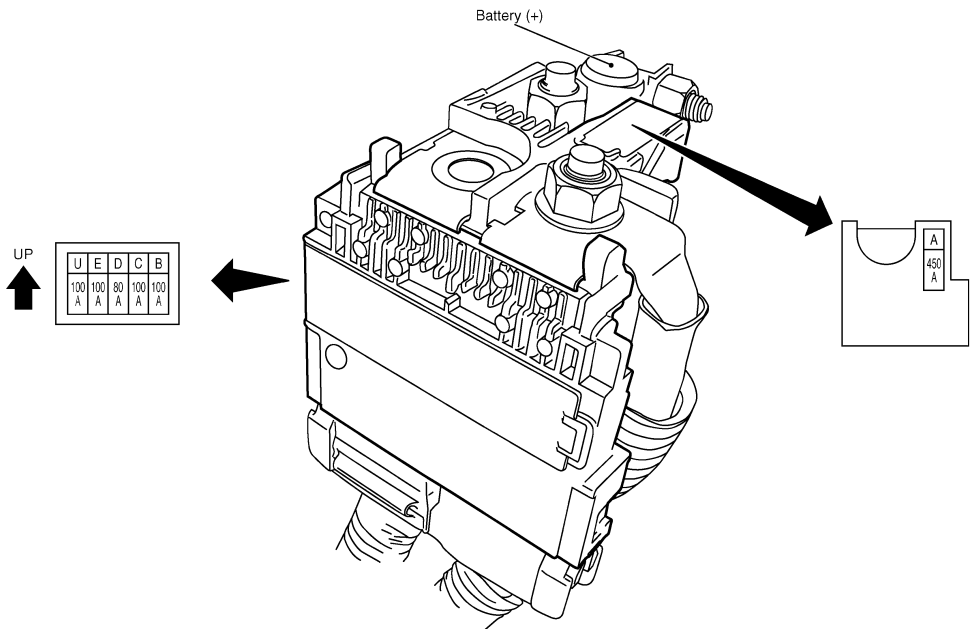
FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

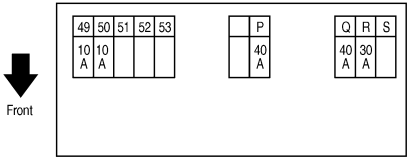
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QR ENGINE

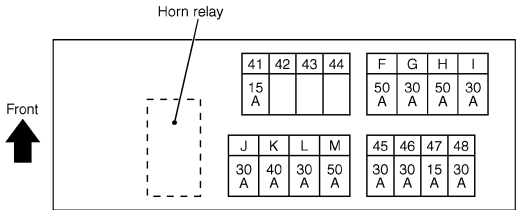
FUSE, FUSIBLE LINK AND RELAY BOX
Fuse and Fusible Link Arrangement (QR engine)



Battery terminal with fusible link
(E1), (E2), (F5), (F75)



Fuse and fusible link block-1 (F116)
P-S: FUSIBLE LINK
No. 49-53: FUSE

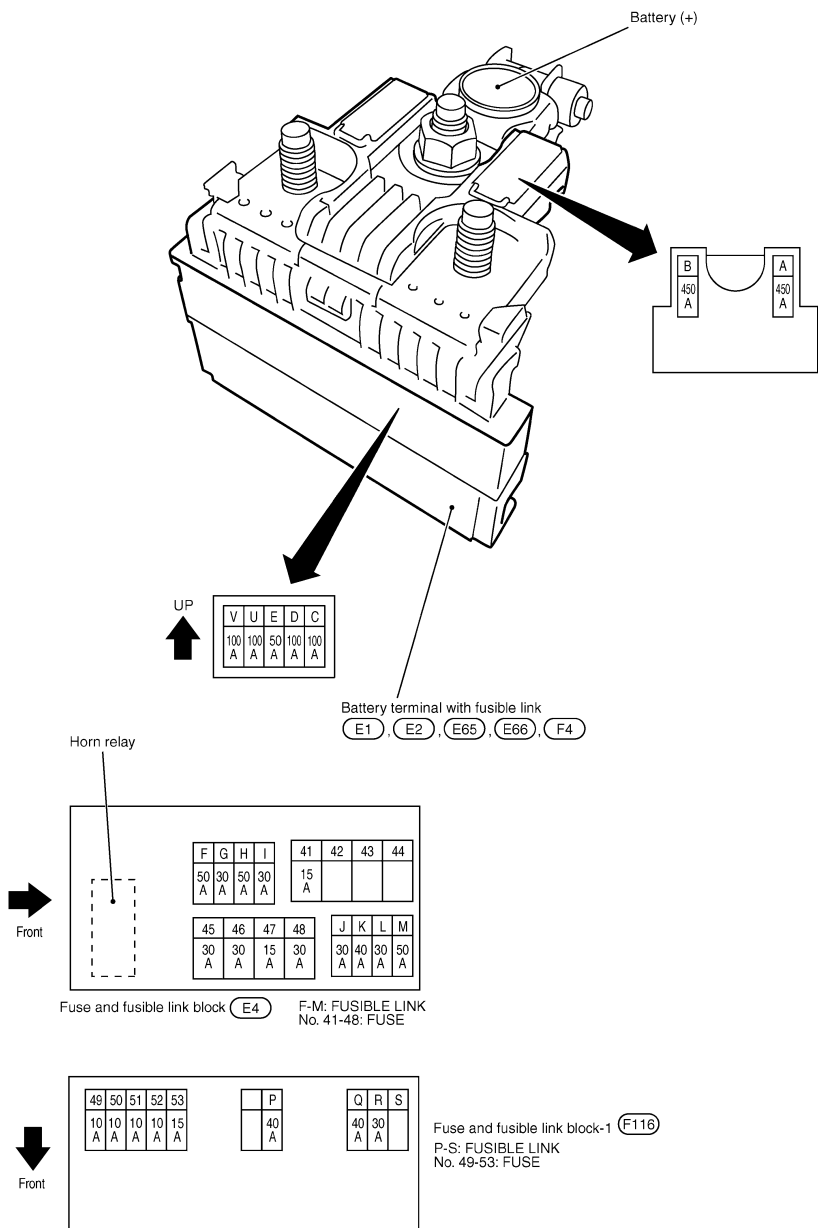


Fuse and fusible link block (E4)
F-M: FUSIBLE LINK
No. 41-48: FUSE

FUSE, FUSIBLE LINK AND RELAY BOX

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MR ENGINE

FUSE, FUSIBLE LINK AND RELAY BOX
Fuse and Fusible Link Arrangement (MR engine)

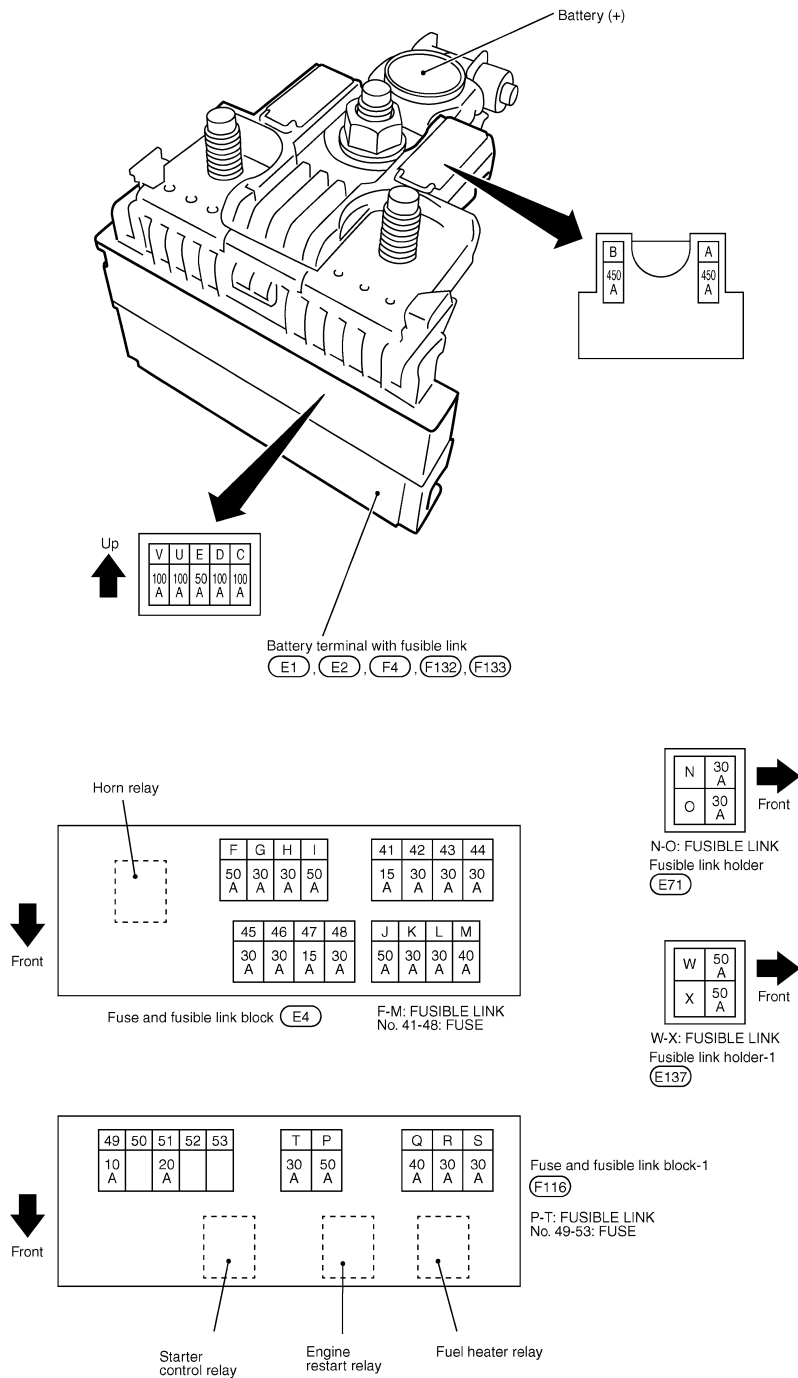


FUSE, FUSIBLE LINK AND RELAY BOX

< WIRING DIAGRAM >

R9M ENGINE

FUSE, FUSIBLE LINK AND RELAY BOX Fuse and Fusible Link Arrangement
(R9M engine)



2014/03/17

JRMWF4175GB

IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)

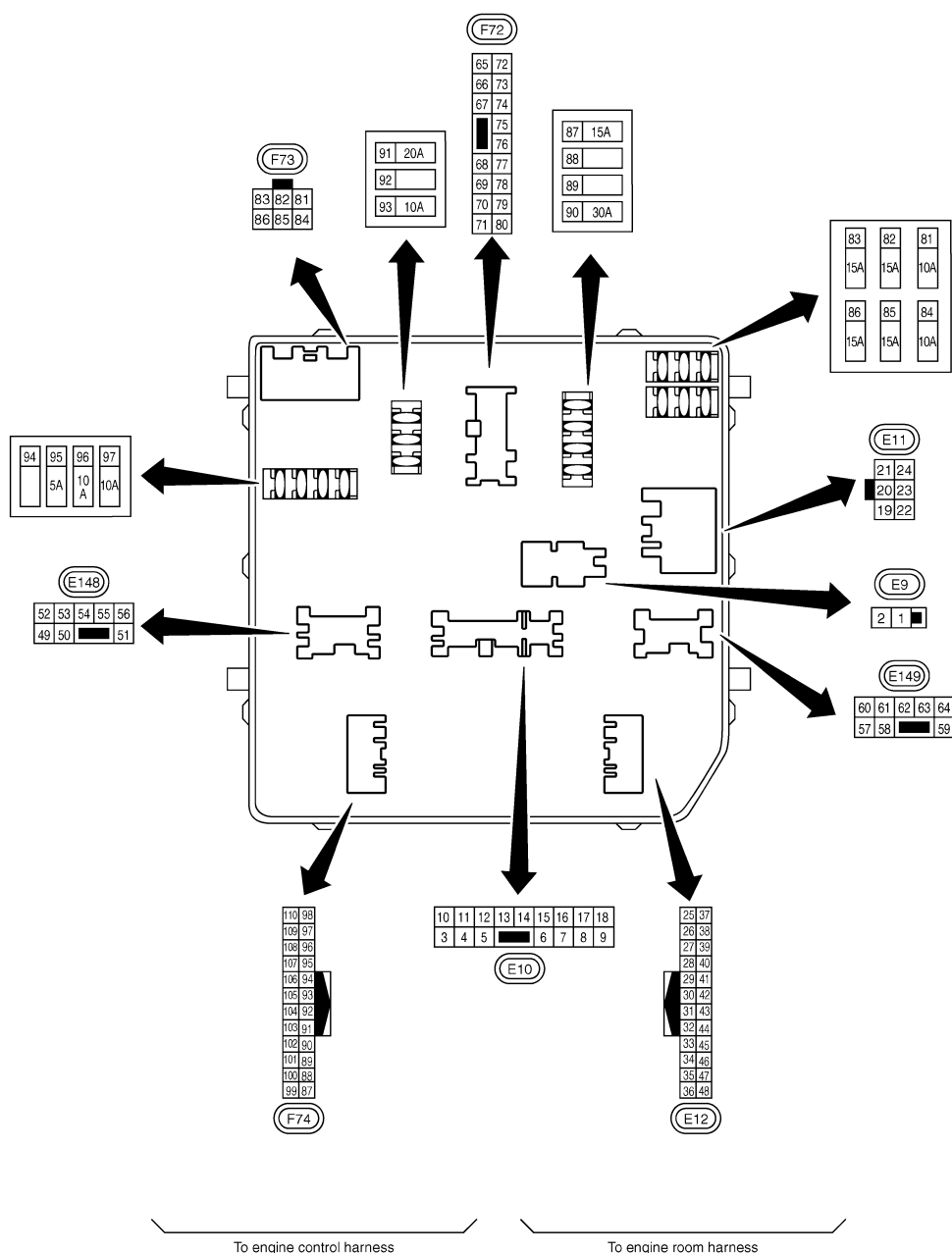
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IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)

Fuse, Connector and Terminal Arrangement

INFOID:0000000010709212

IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)
(fuse, connector and terminal arrangement)



HARNESS LAYOUT

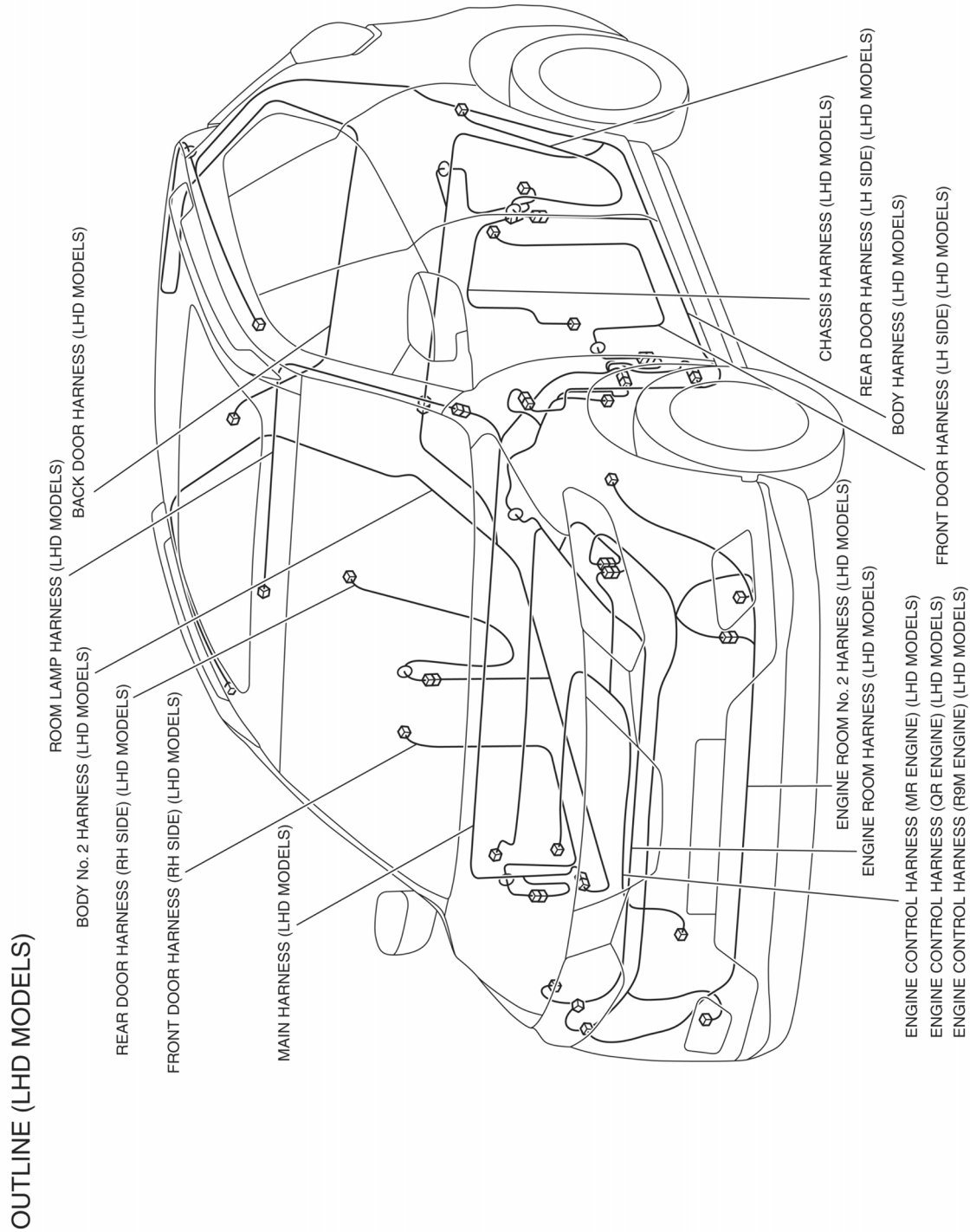
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HARNESS LAYOUT

LHD

LHD : Outline

INFOID:0000000010709213



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2014/03/17

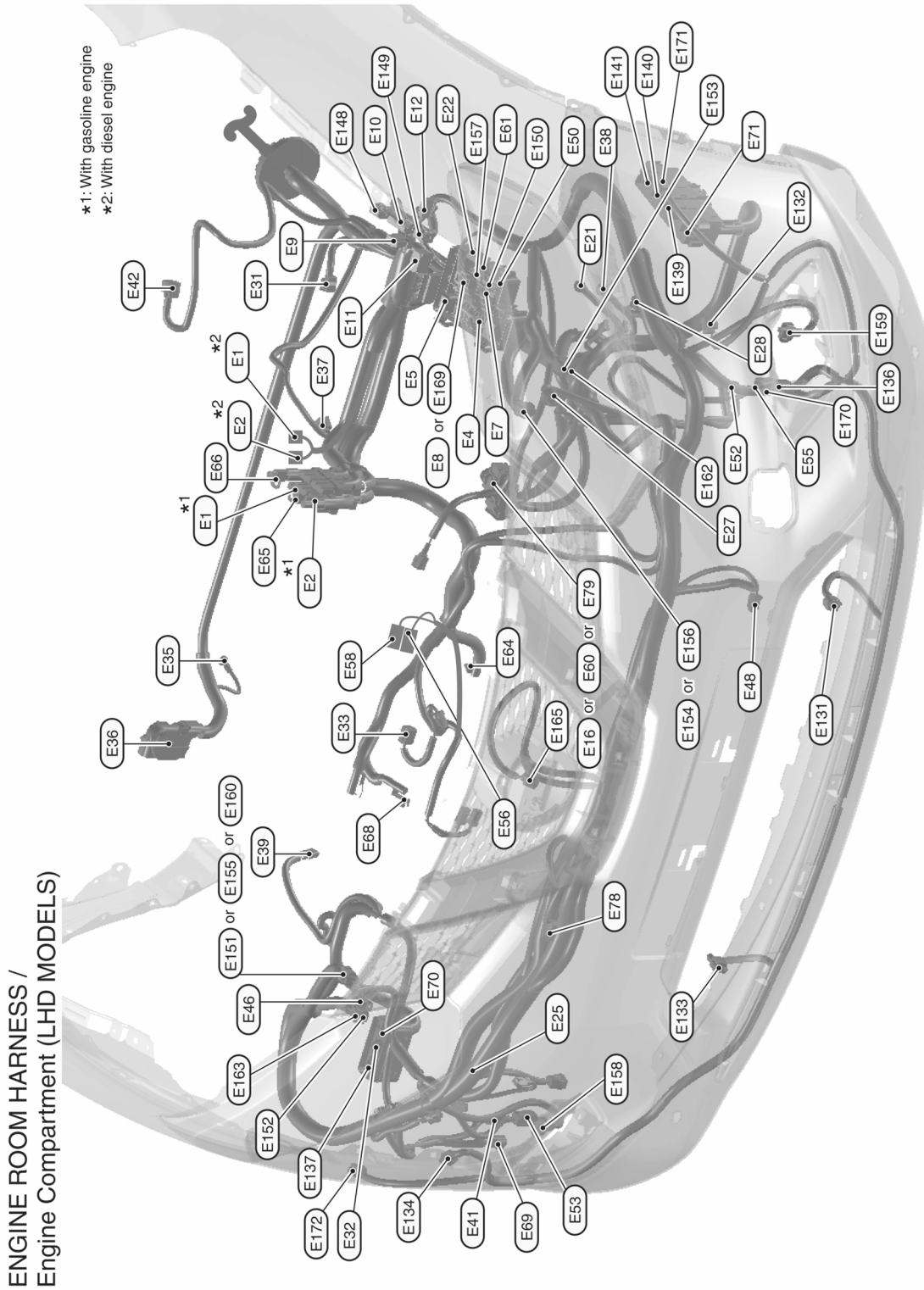
HARNESS LAYOUT

< WIRING DIAGRAM >

LHD : Engine Room Harness

INFOID:000000010709214

ENGINE COMPARTMENT



2014/03/17

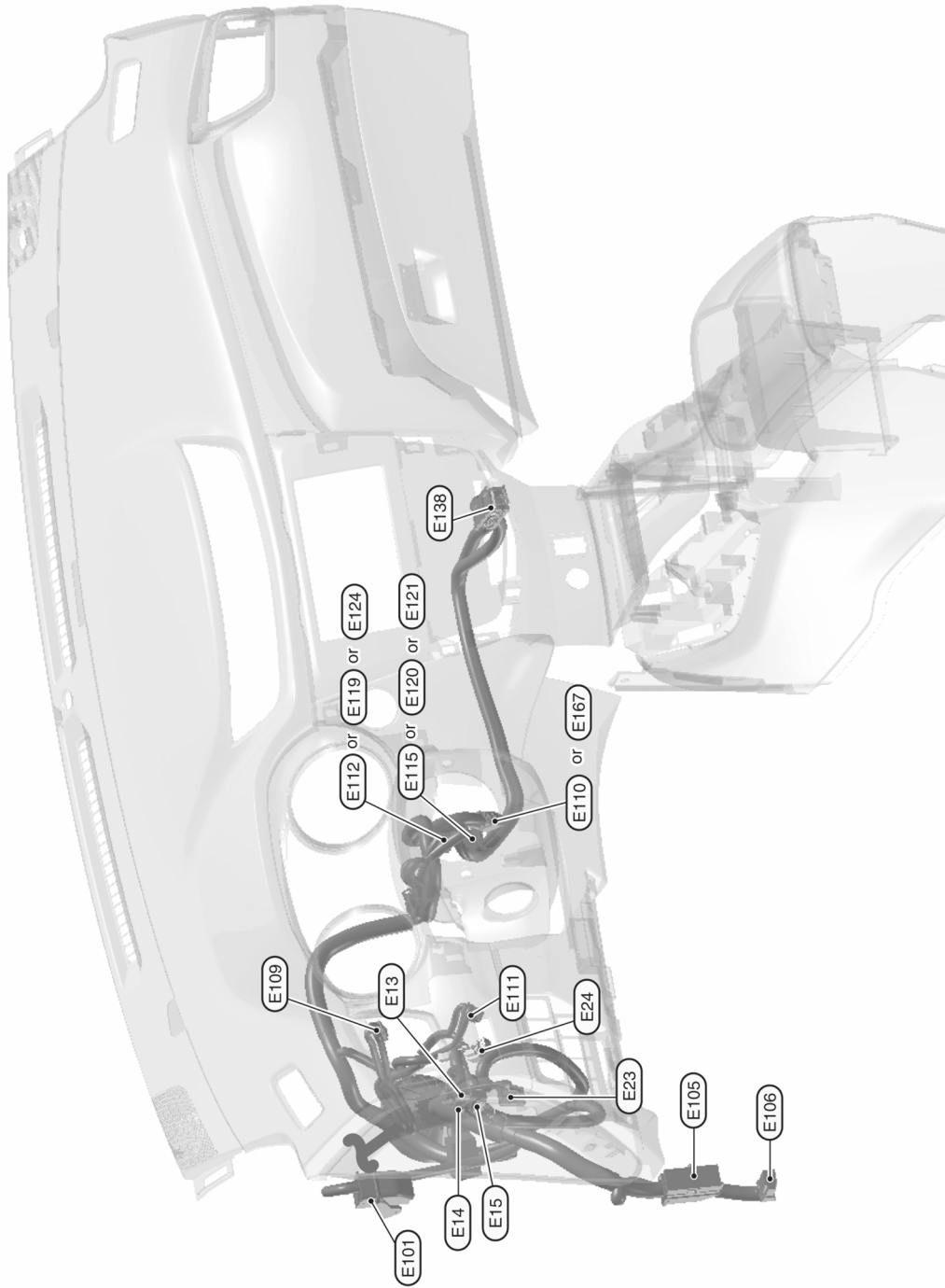
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HARNESS LAYOUT

< WIRING DIAGRAM >

PASSENGER COMPARTMENT

Passenger Compartment (LHD MODELS)



2014/03/17

JRMIC4442GB

HARNESS LAYOUT

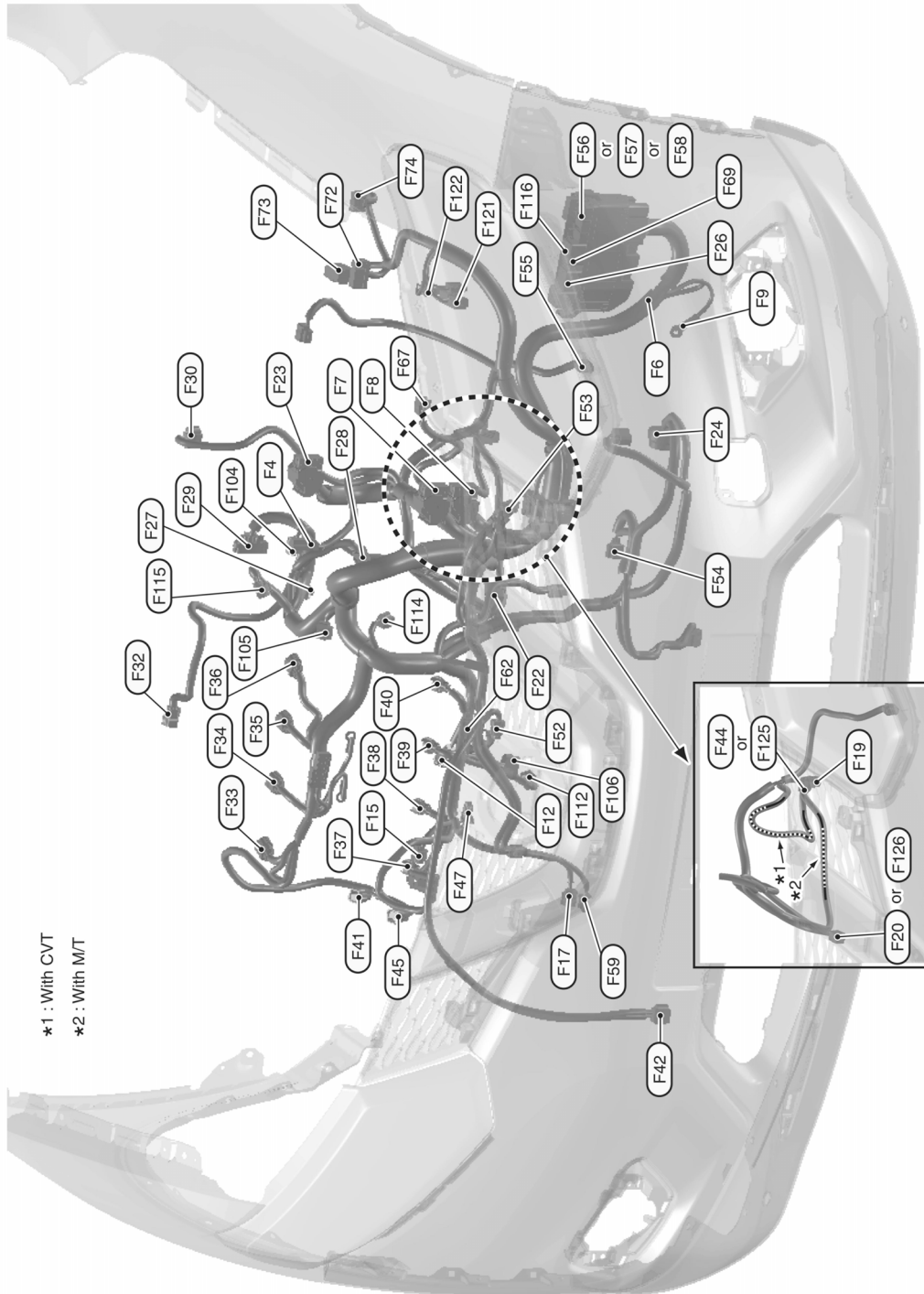
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LHD : Engine Control Harness

INFOID:000000010709215

MR ENGINE

ENGINE CONTROL HARNESS (MR ENGINE) (LHD MODELS)



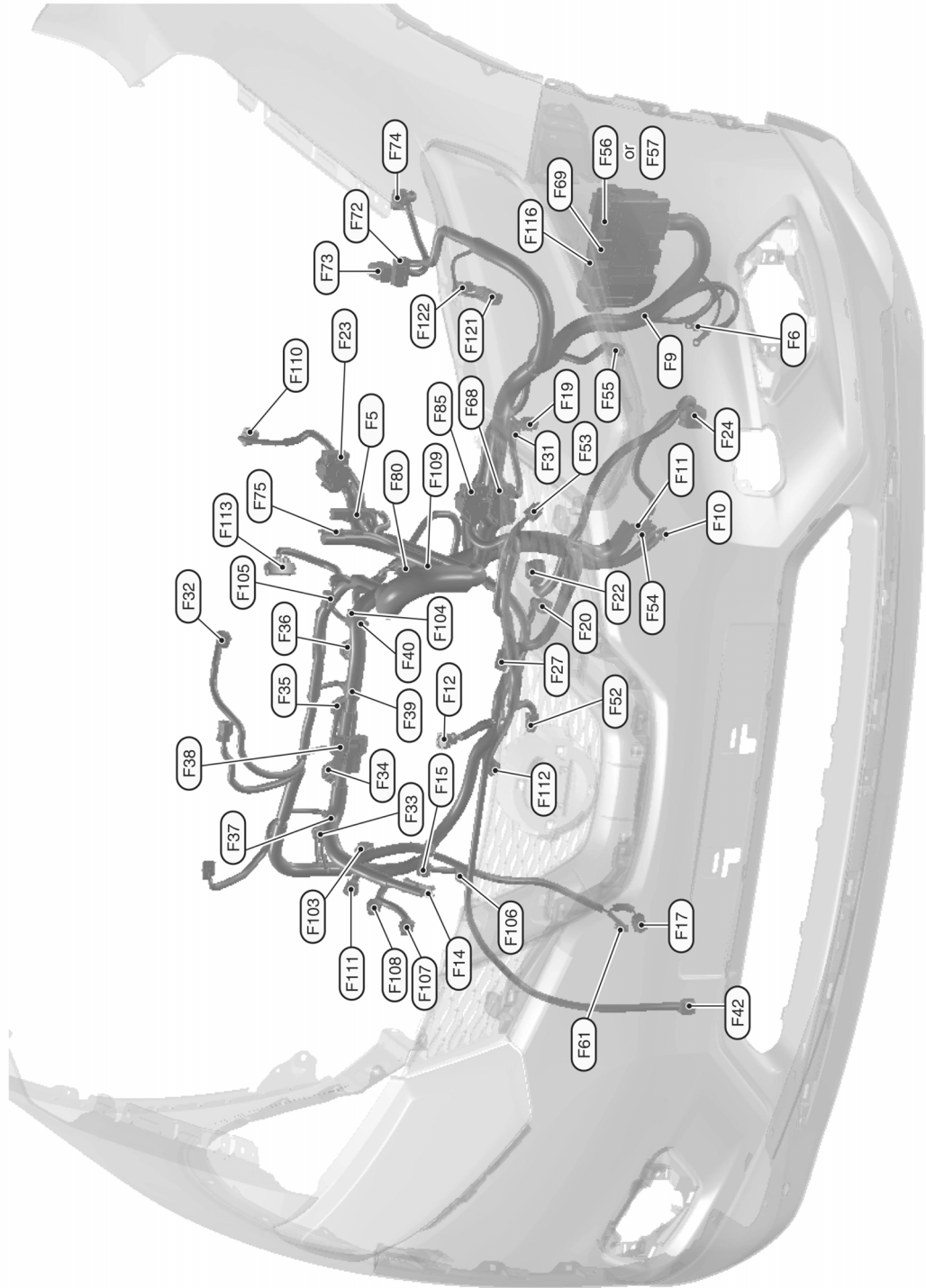
*1 : With CVT
*2 : With M/T

2014/03/17

JRMIC4443GB

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QR ENGINE

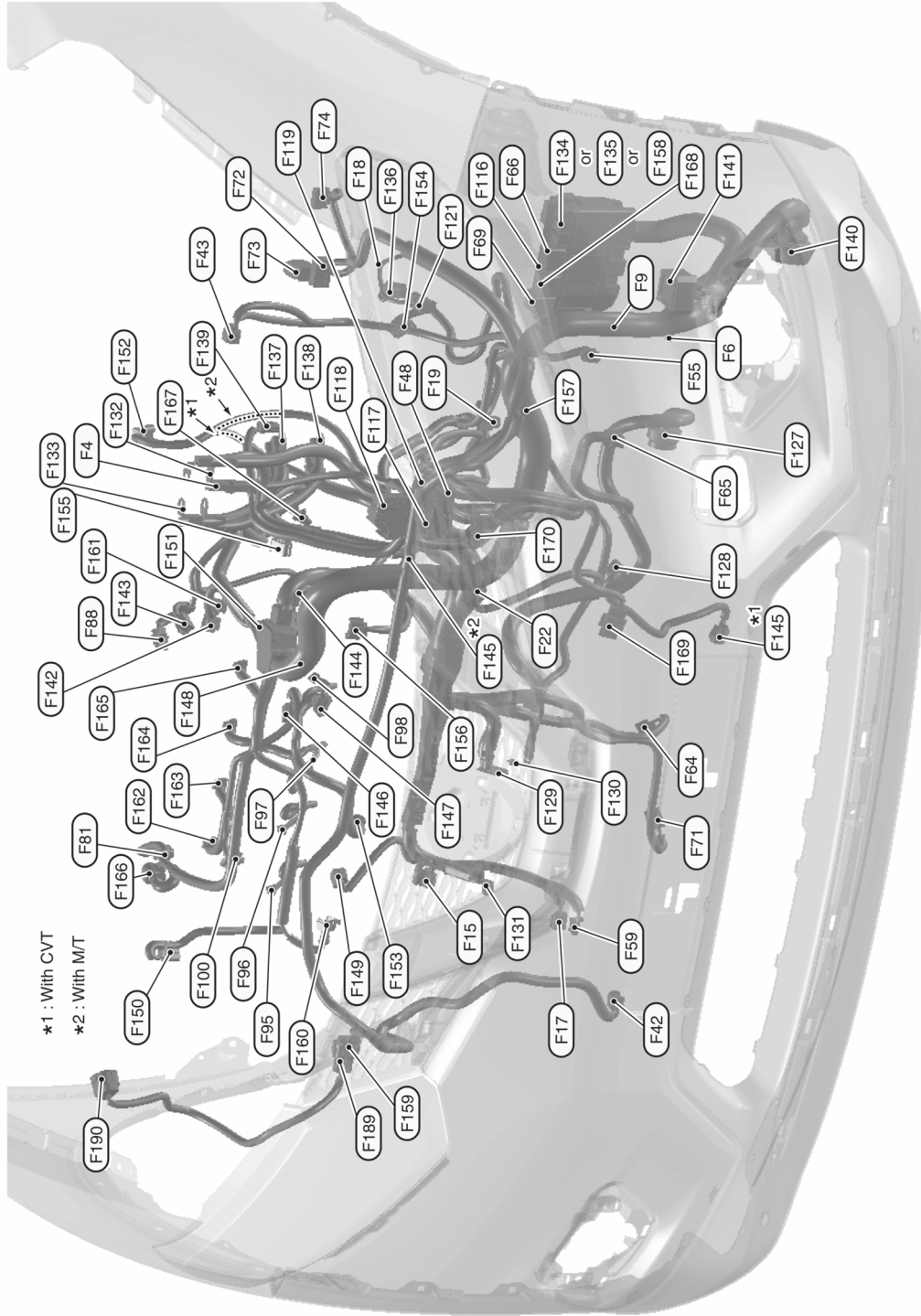


ENGINE CONTROL HARNESS (QR ENGINE) (LHD MODELS)

2014/03/17

JRMIC444GB

R9M ENGINE



*2 : With M/T

JRMIC4445GB

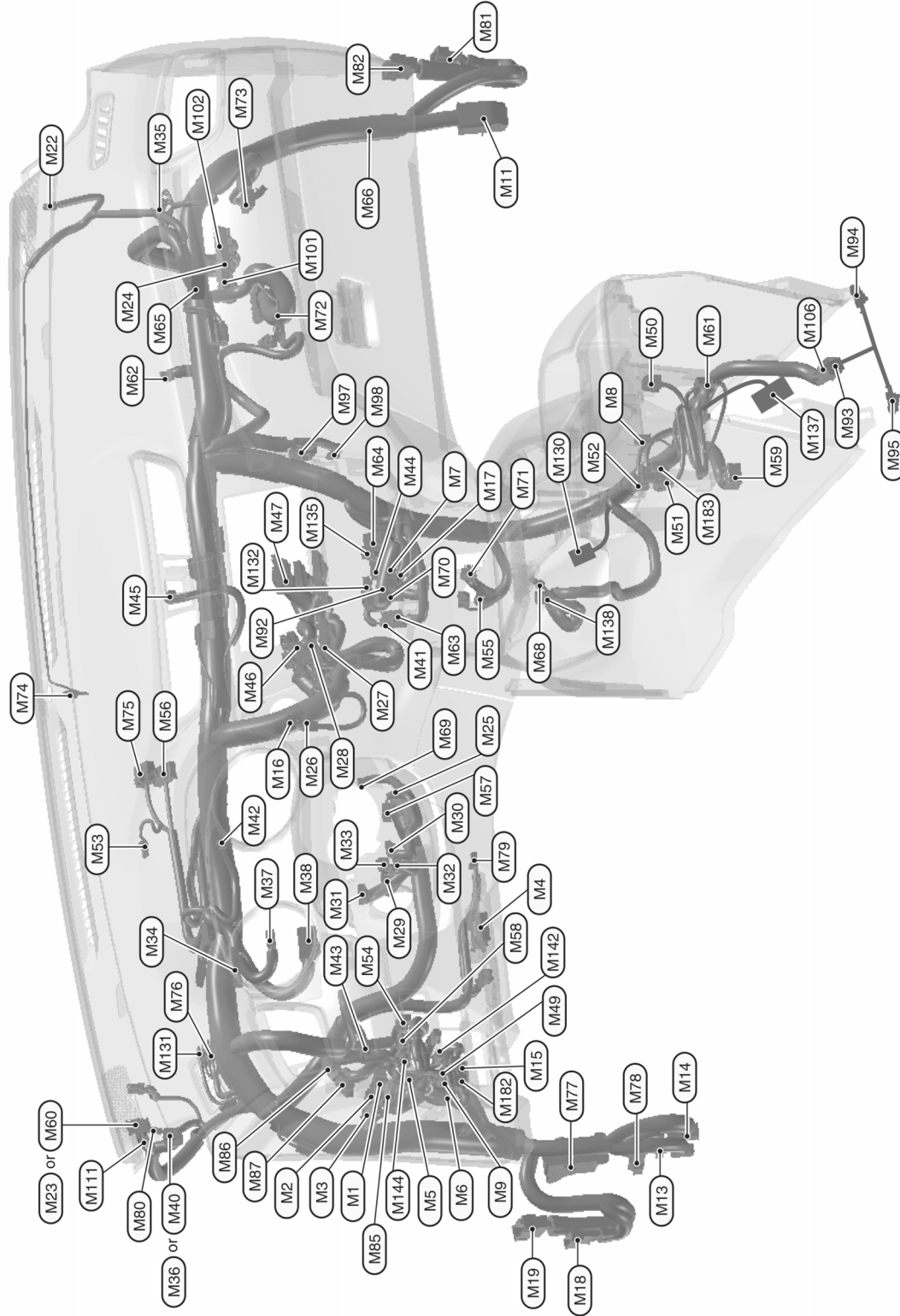
HARNESS LAYOUT

< WIRING DIAGRAM >

LHD : Main Harness

INFOID:0000000107092.16

MAIN HARNESS (LHD MODELS)



2014/03/17

JRMIC4446GB

HARNESS LAYOUT

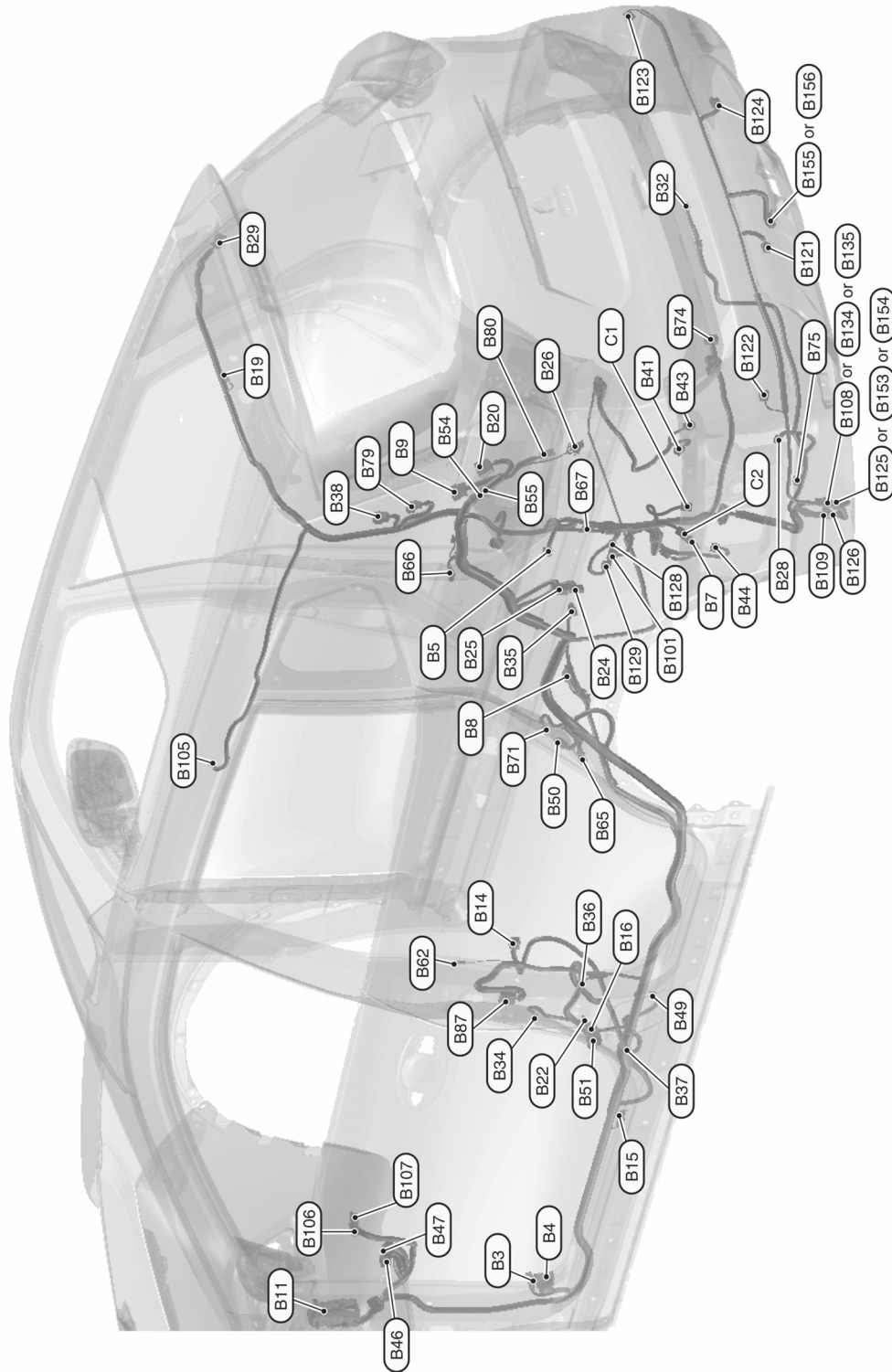
< WIRING DIAGRAM >

LHD : Body Harness

INFOID:0000000010709217

BODY HARNESS

BODY HARNESS (LHD MODELS)



2014/03/17

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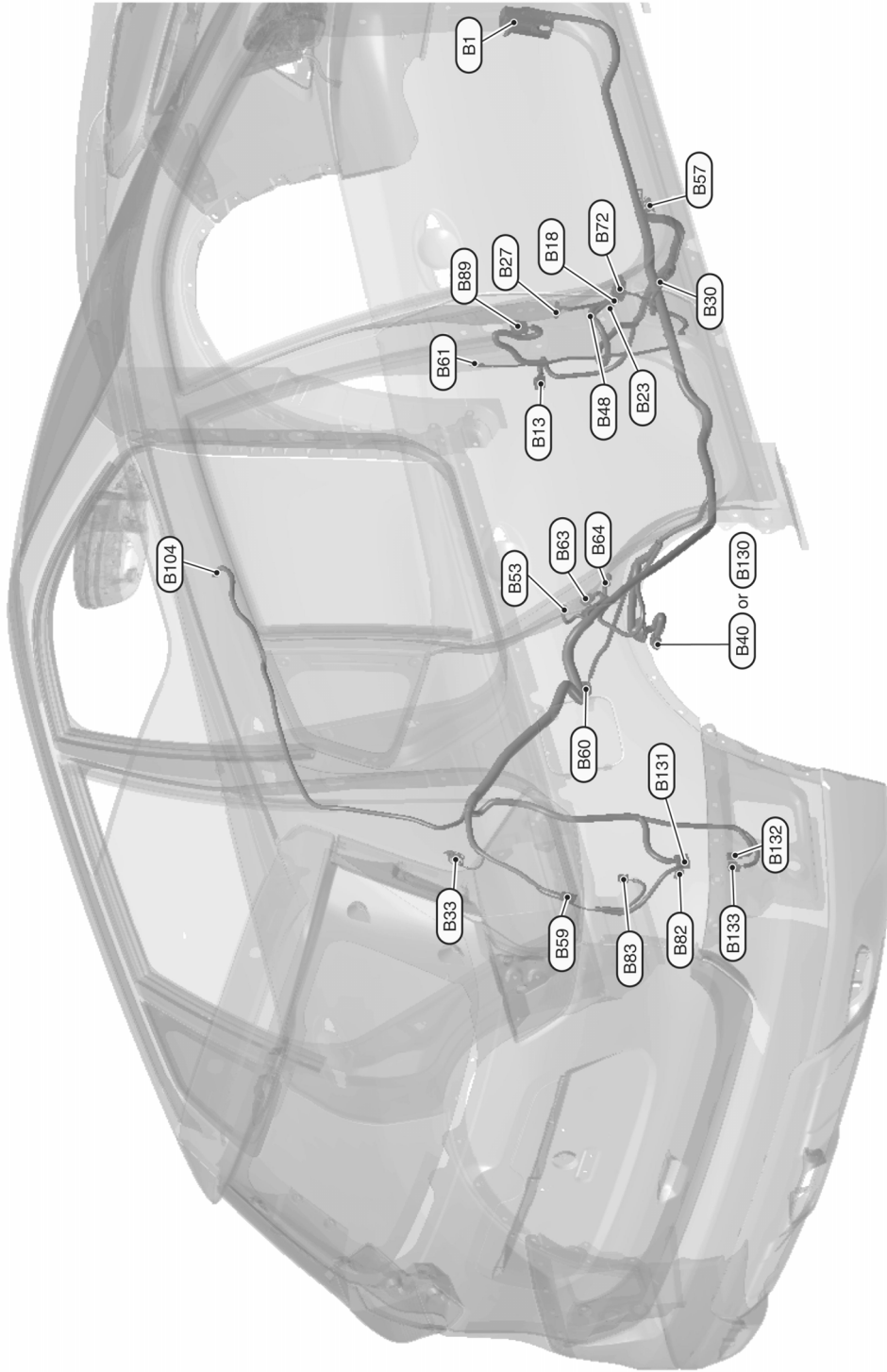
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HARNESS LAYOUT

< WIRING DIAGRAM >

BODY No. 2 HARNESS

BODY No. 2 HARNESS (LHD MODELS)



2014/03/17

JRMIC4448GB

HARNESS LAYOUT

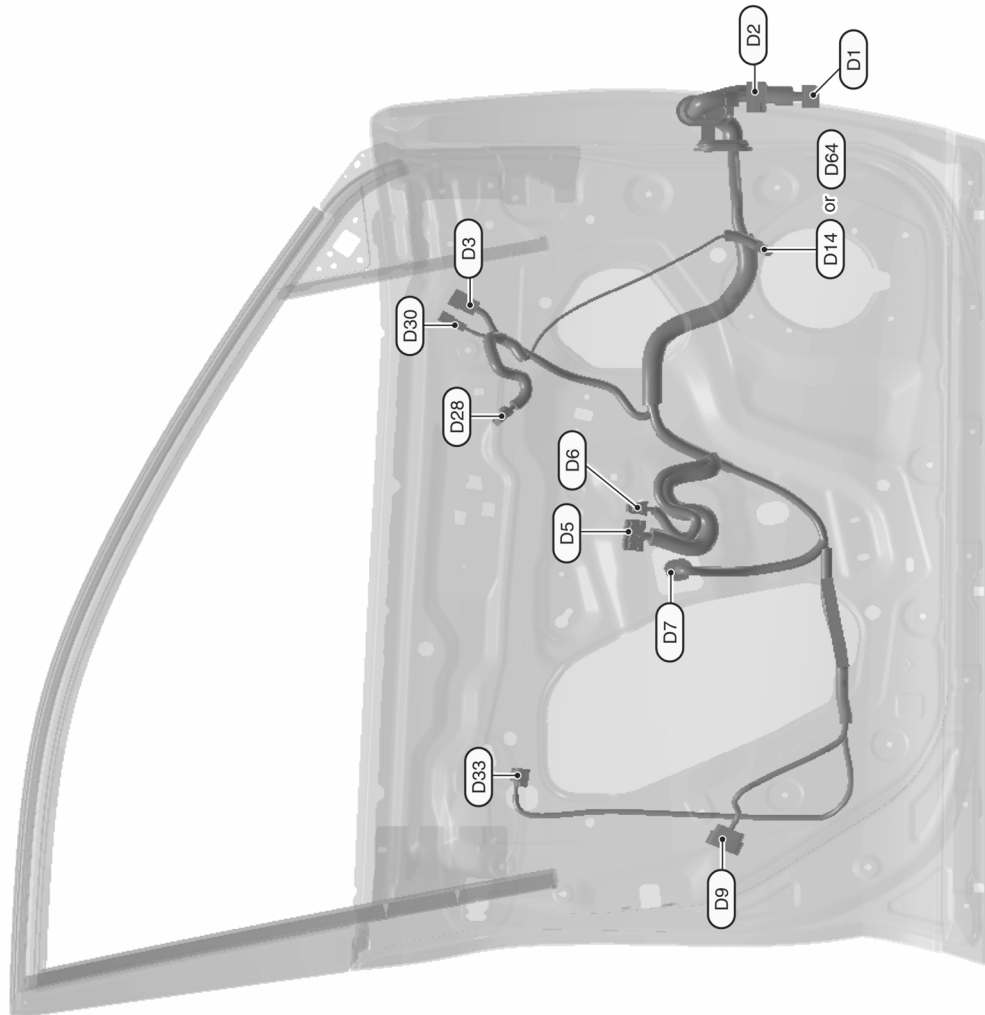
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LHD : Door Harness

INFOID:0000000010709218

FRONT DOOR HARNESS (LH SIDE)

FRONT DOOR HARNESS (LH SIDE) (LHD MODELS)



2014/03/17

JRMIC4449GB

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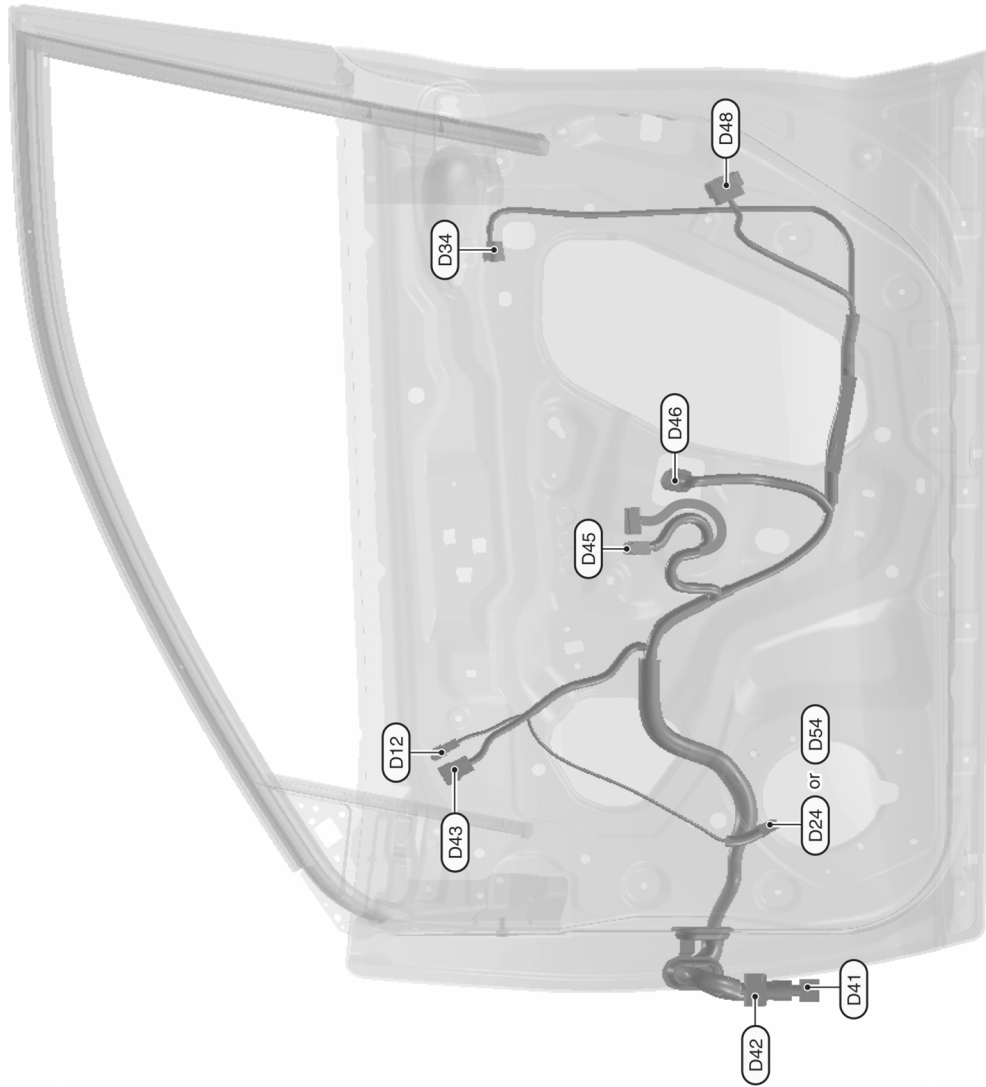
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HARNESS LAYOUT

< WIRING DIAGRAM >

FRONT DOOR HARNESS (RH SIDE)

FRONT DOOR HARNESS (RH SIDE) (LHD MODELS)



2014/03/17

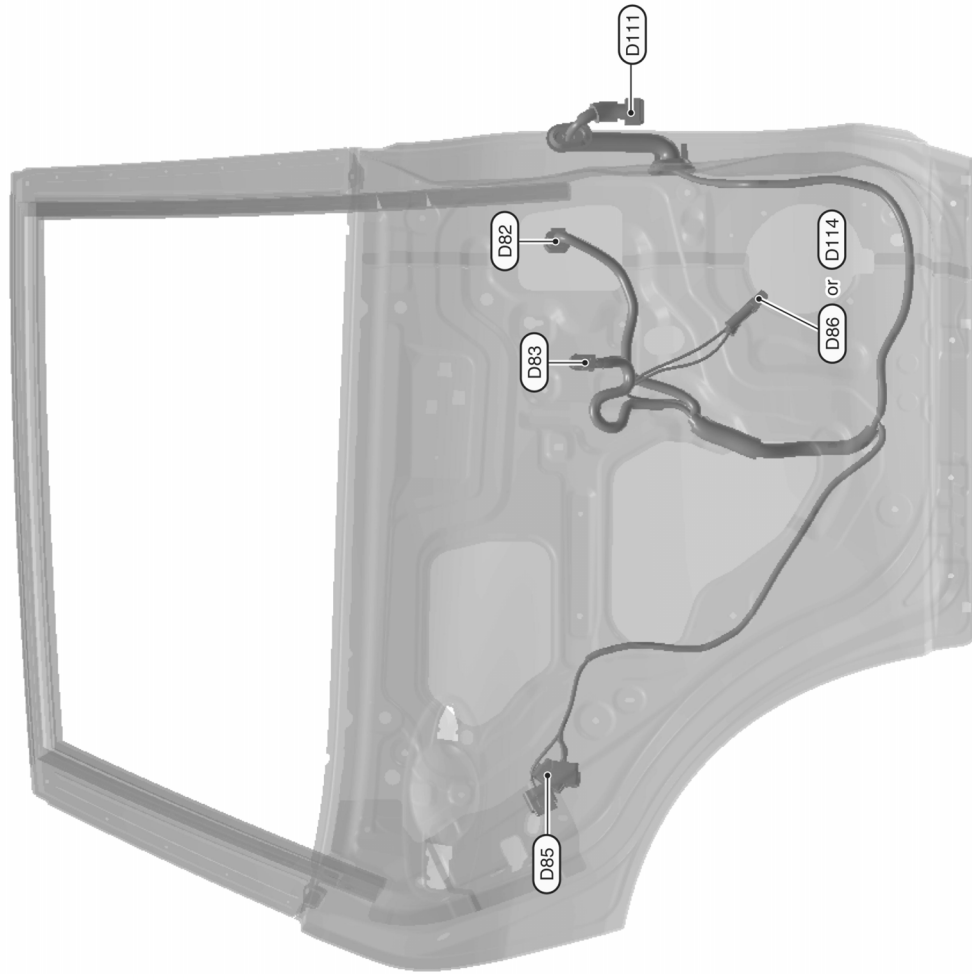
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HARNESS LAYOUT

< WIRING DIAGRAM >

REAR DOOR HARNESS (LH SIDE)

REAR DOOR HARNESS (LH SIDE) (LHD MODELS)



2014/03/17

JRMIC4451GB

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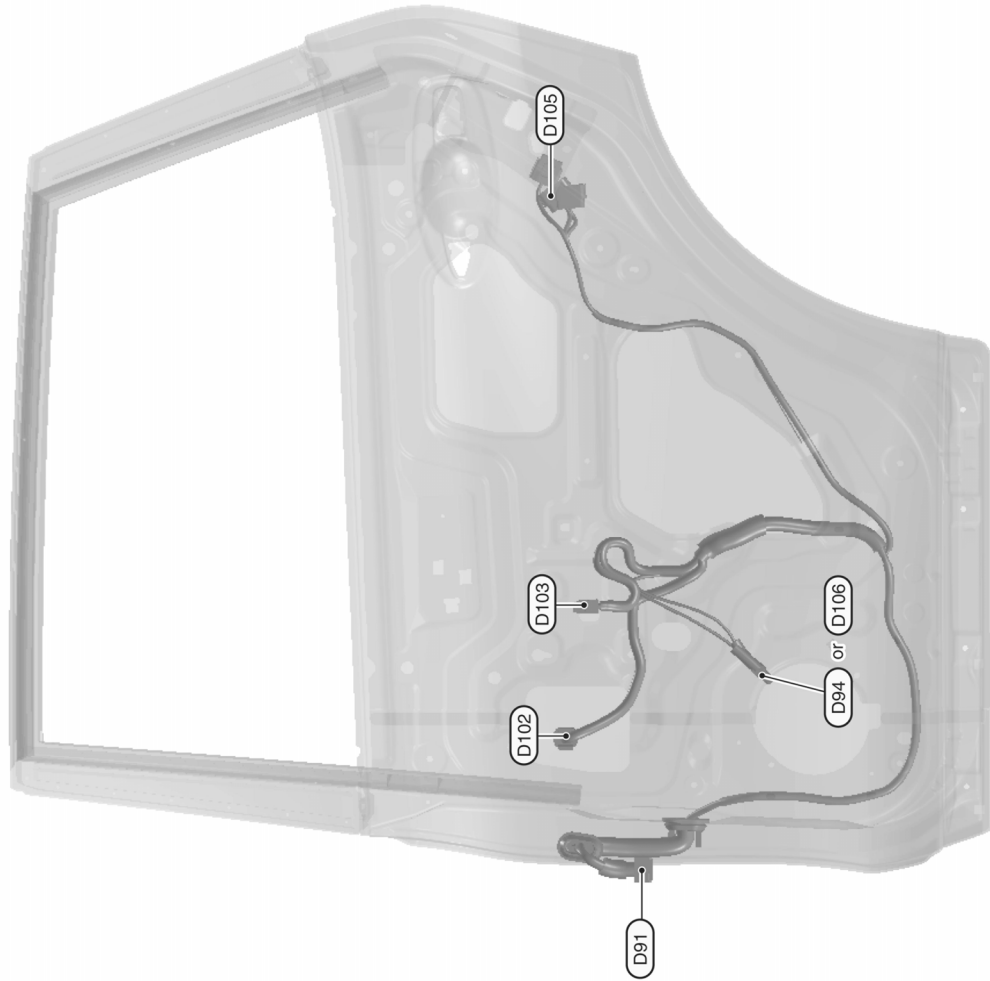
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HARNESS LAYOUT

< WIRING DIAGRAM >

REAR DOOR HARNESS (RH SIDE)

REAR DOOR HARNESS (RH SIDE) (LHD MODELS)



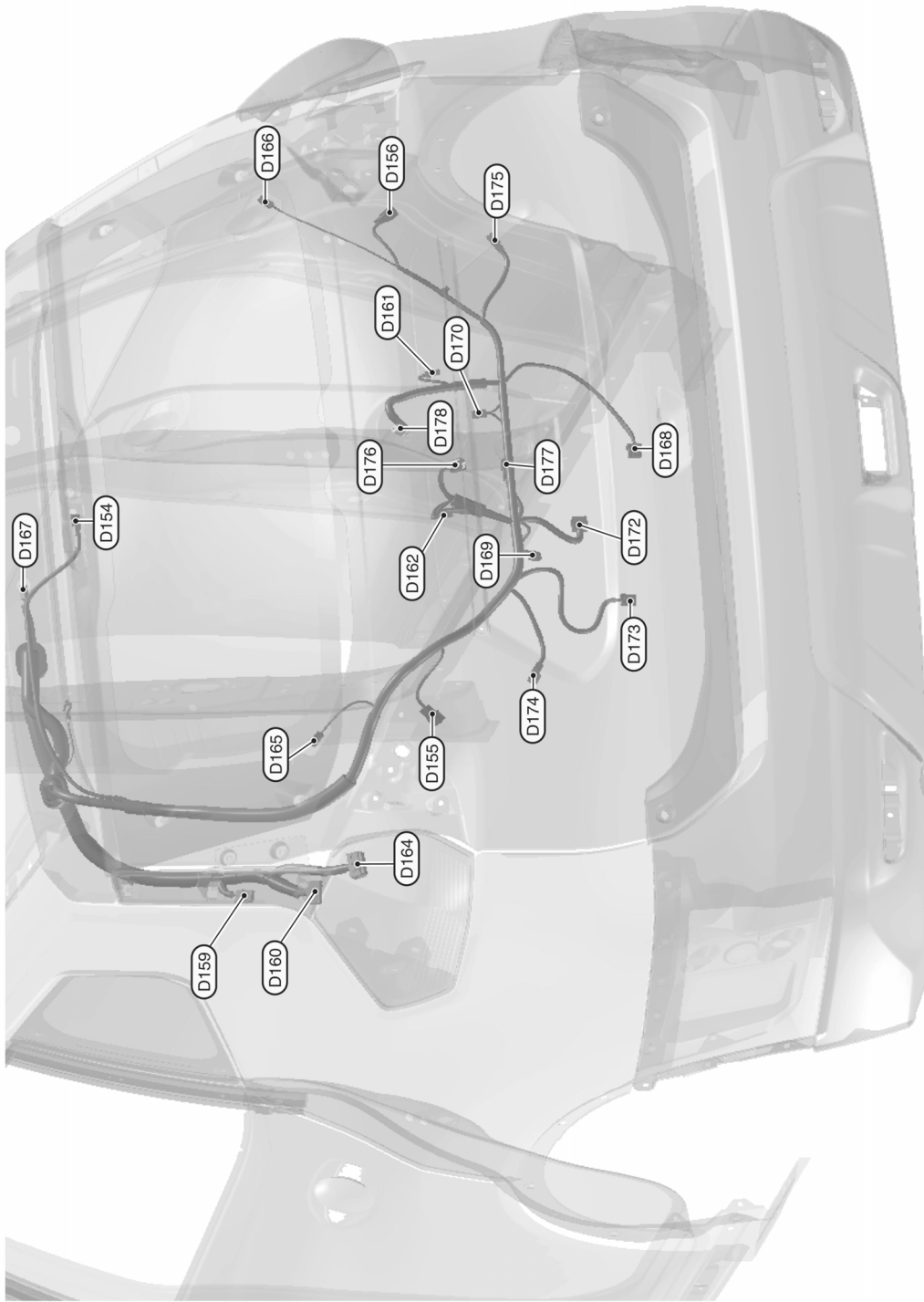
2014/03/17

JRMIC4452GB

HARNESS LAYOUT

< WIRING DIAGRAM >
BACK DOOR HARNESS

BACK DOOR HARNESS (LHD MODELS)



2014/03/17

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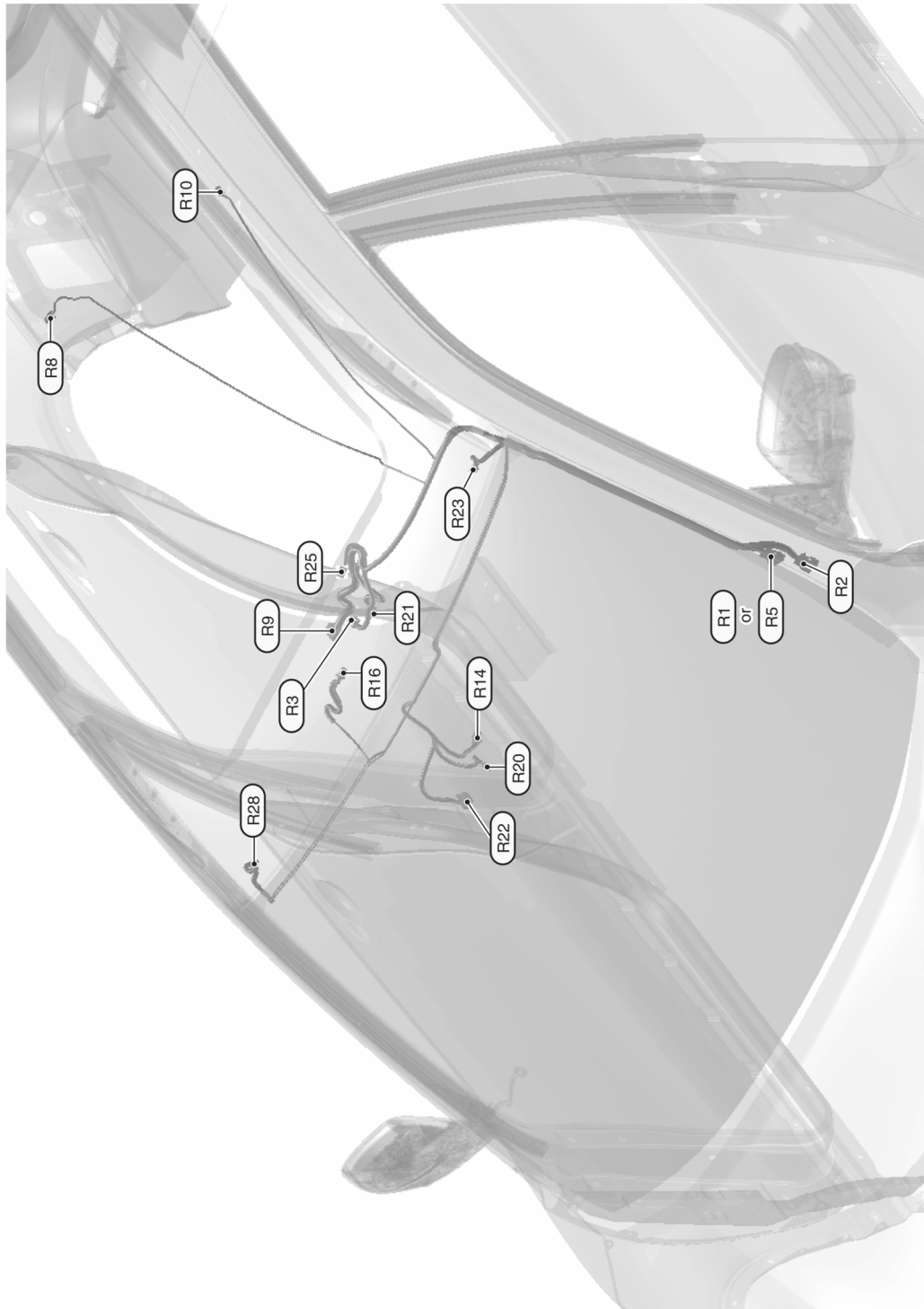
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HARNESS LAYOUT

< WIRING DIAGRAM >

LHD : Room Lamp Harness

INFOID:0000000010709219



ROOM LAMP HARNESS (LHD MODELS)

2014/03/17

JRMIC4454GB

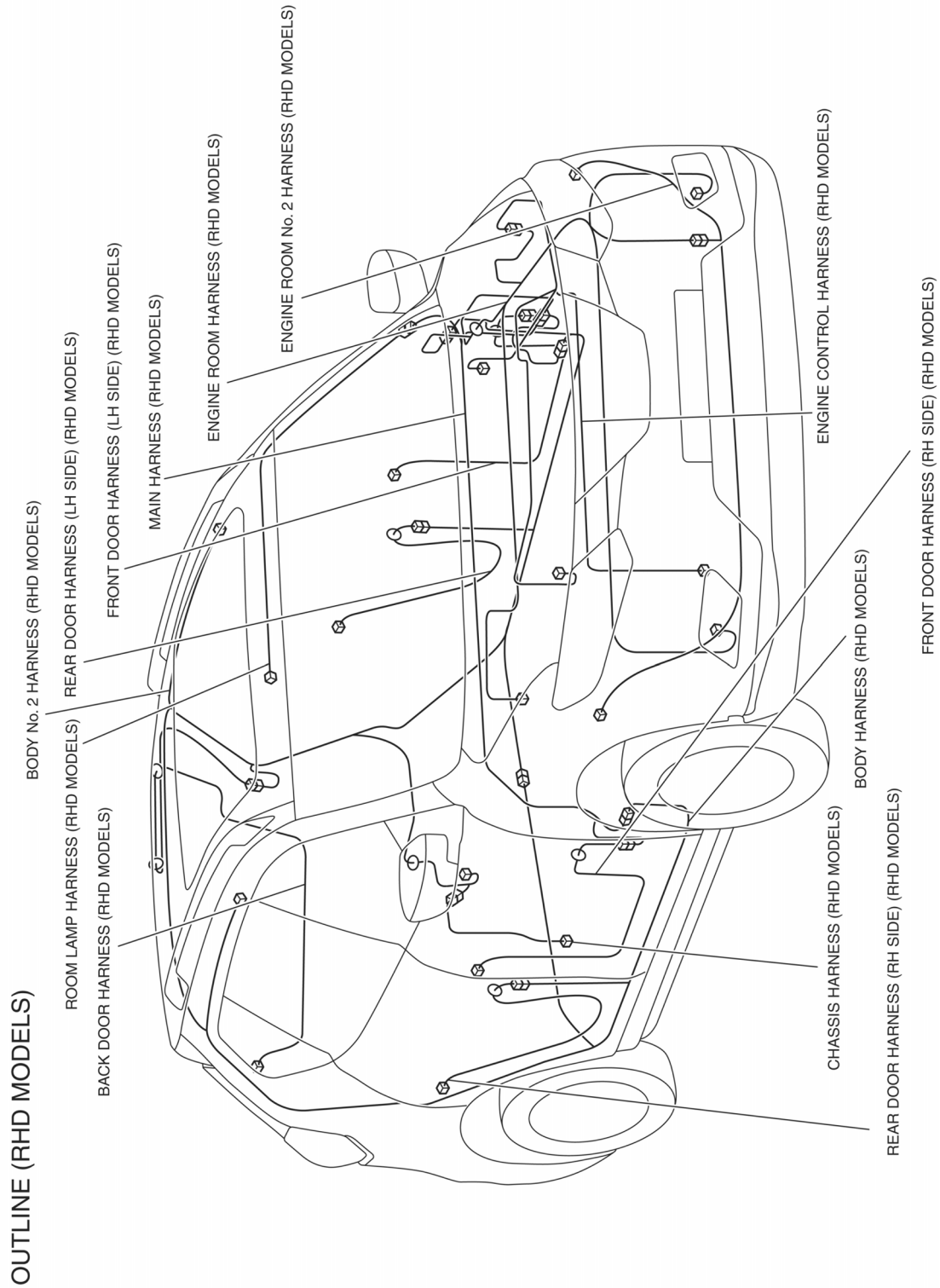
RHD

HARNESS LAYOUT

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RHD : Outline

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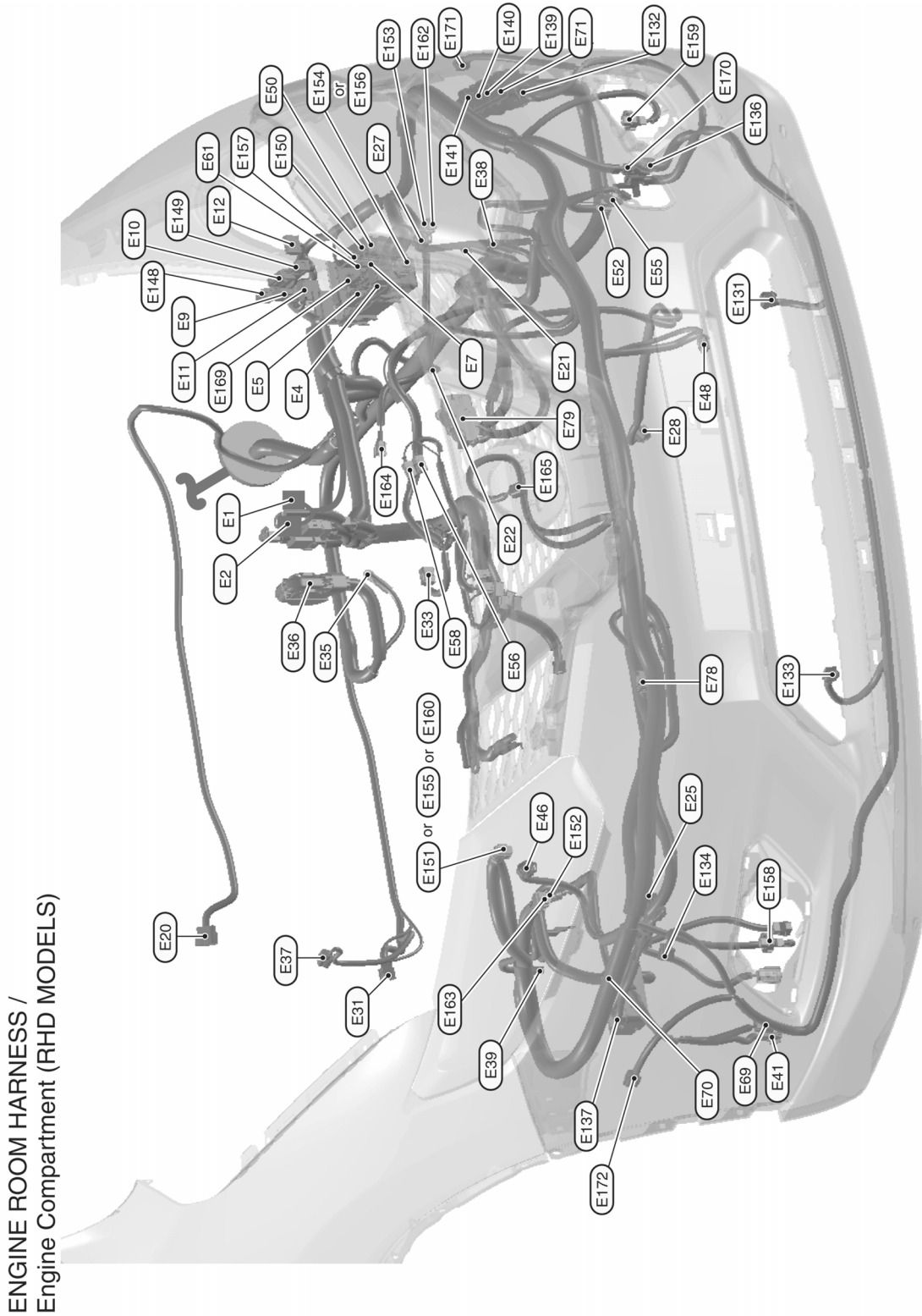
HARNESS LAYOUT

< WIRING DIAGRAM >

RHD : Engine Room Harness

INFOID:000000010709221

ENGINE COMPARTMENT



ENGINE ROOM HARNESS /
Engine Compartment (RHD MODELS)

2014/03/17

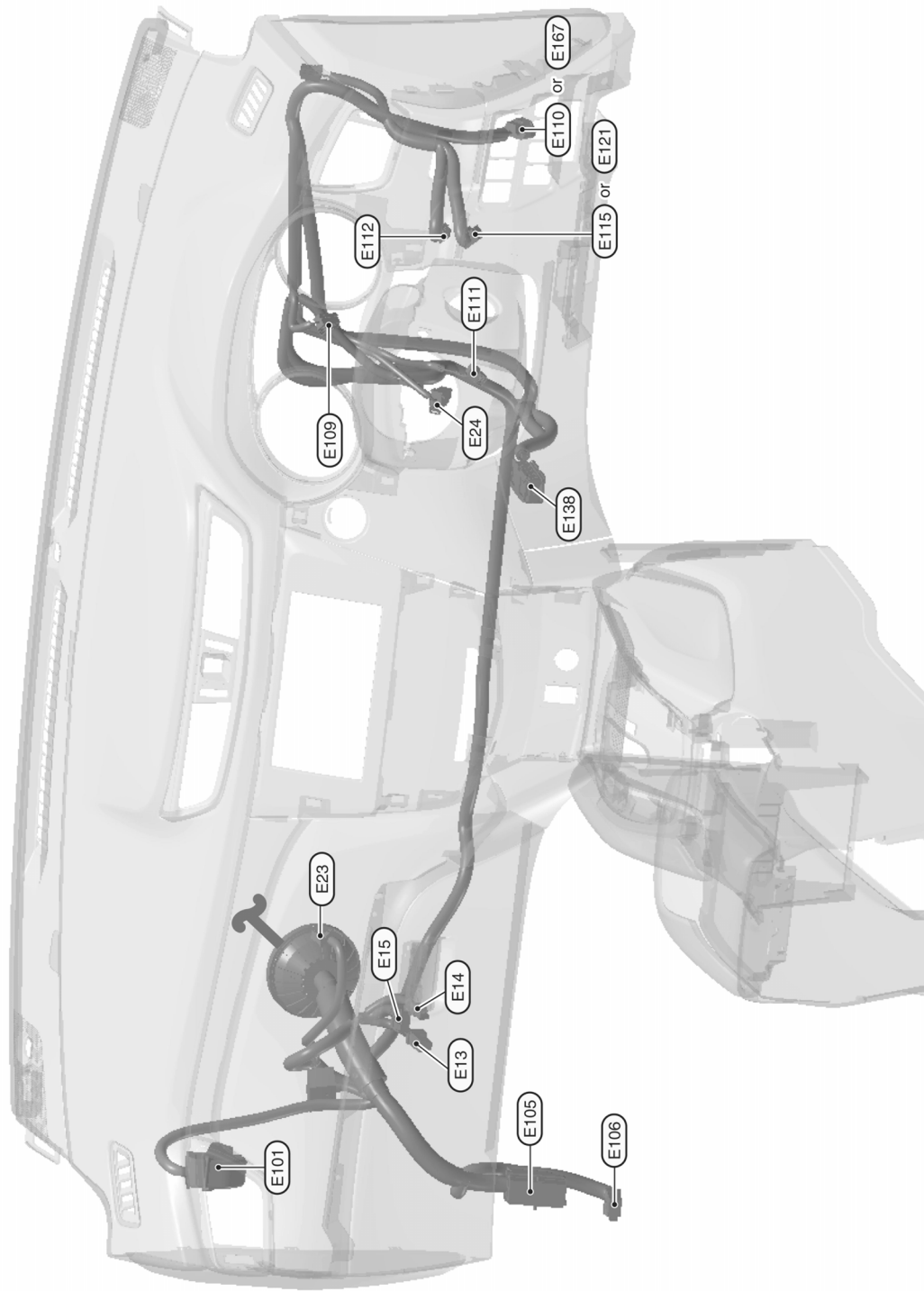
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HARNESS LAYOUT

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PASSENGER COMPARTMENT

Passenger Compartment (RHD MODELS)



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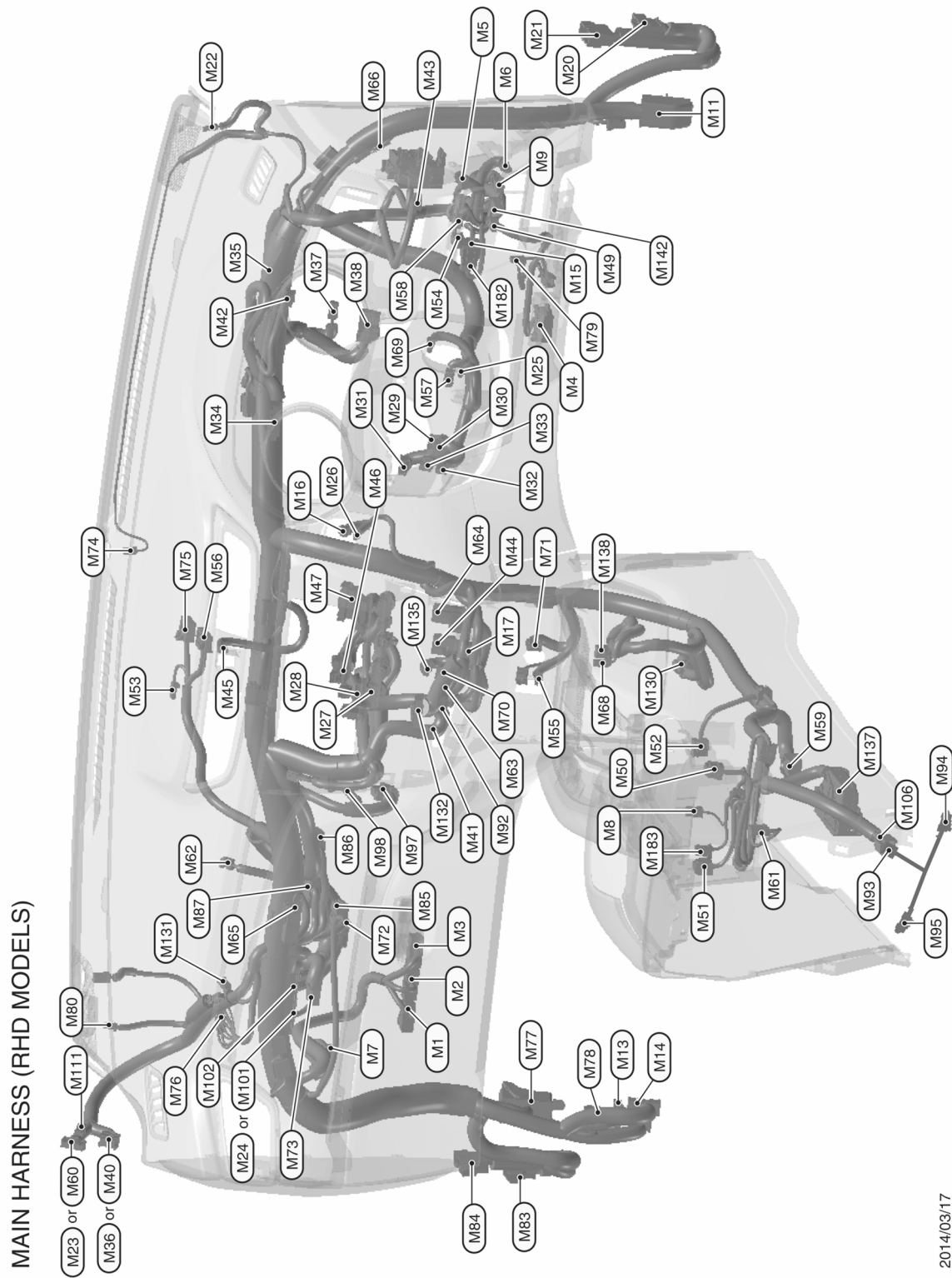
RHD : Engine Control Harness

ENGINE CONTROL HARNESS (RHD MODELS)



*1 : With CVT
*2 : With M/T

JRMIC4458GB



2014/03/17

JRMIC4459GB

HARNESS LAYOUT

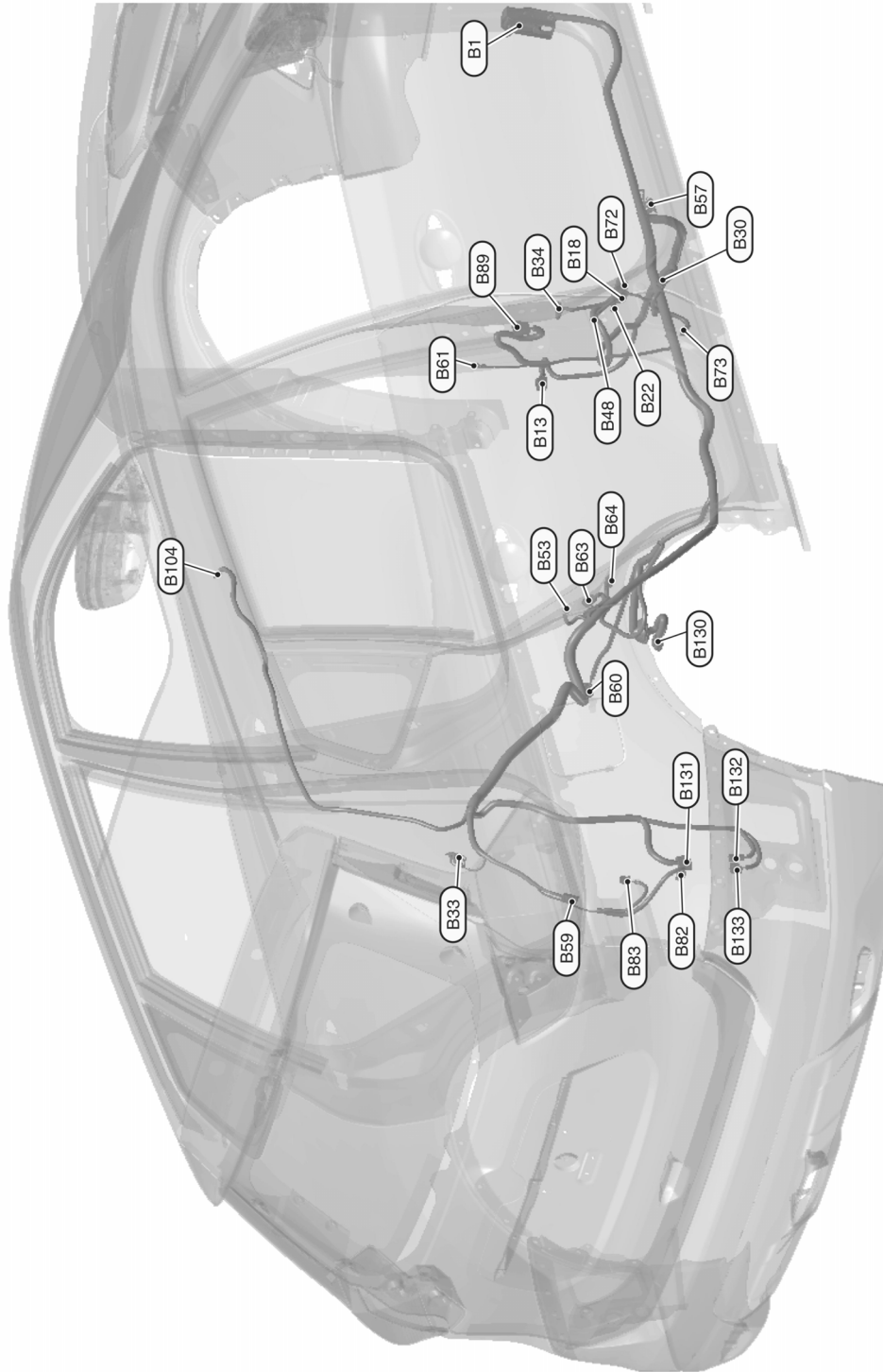
< WIRING DIAGRAM >

RHD : Body Harness

INFOID:0000000010709224

BODY HARNESS

BODY HARNESS (RHD MODELS)



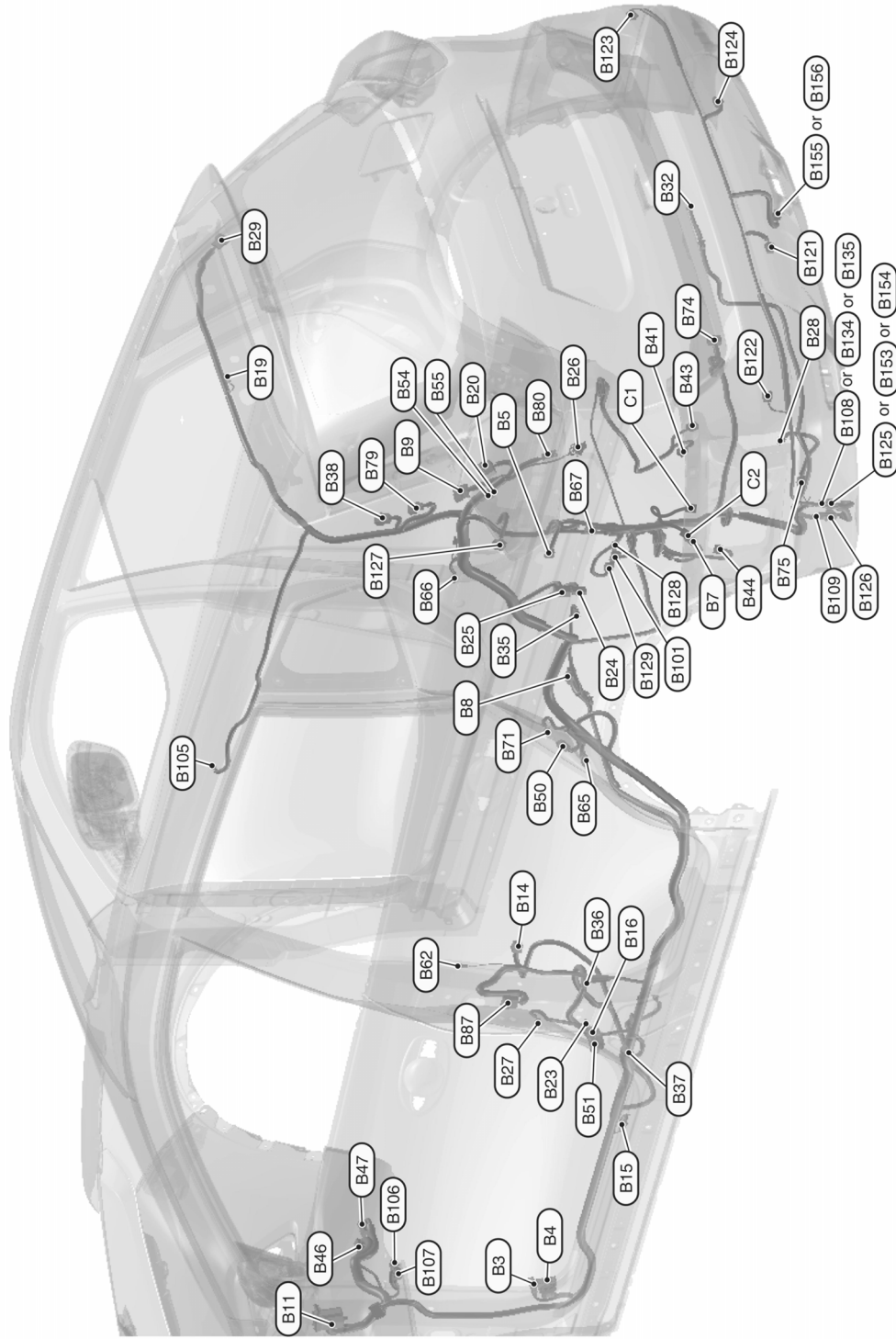
JRMIC4460GB

2014/03/17

HARNESS LAYOUT

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BODY No. 2 HARNESS

BODY No. 2 HARNESS (RHD MODELS)



2014/03/17

JRMIC4461GB

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HARNESS LAYOUT

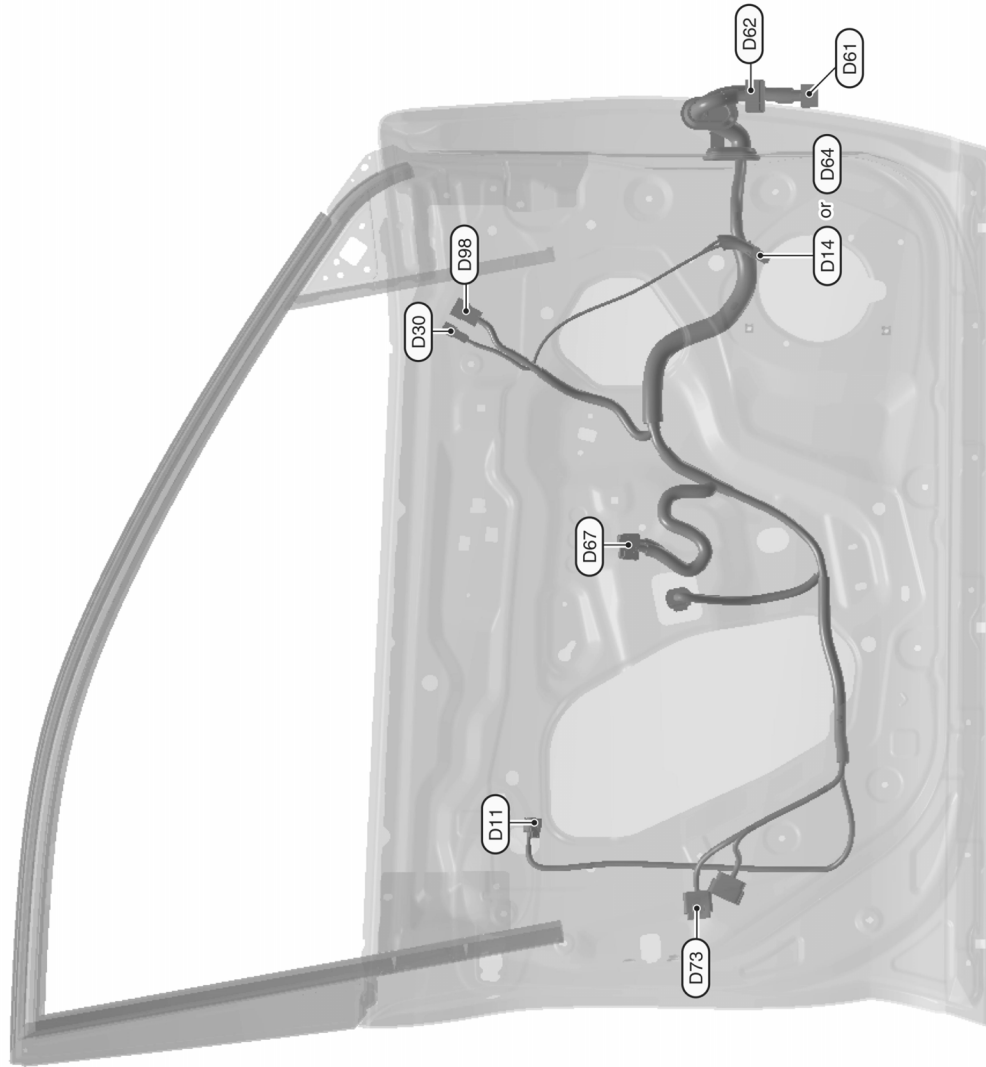
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RHD : Door Harness

INFOID:0000000010709225

FRONT DOOR HARNESS (LH SIDE)

FRONT DOOR HARNESS (LH SIDE) (RHD MODELS)



2014/03/17

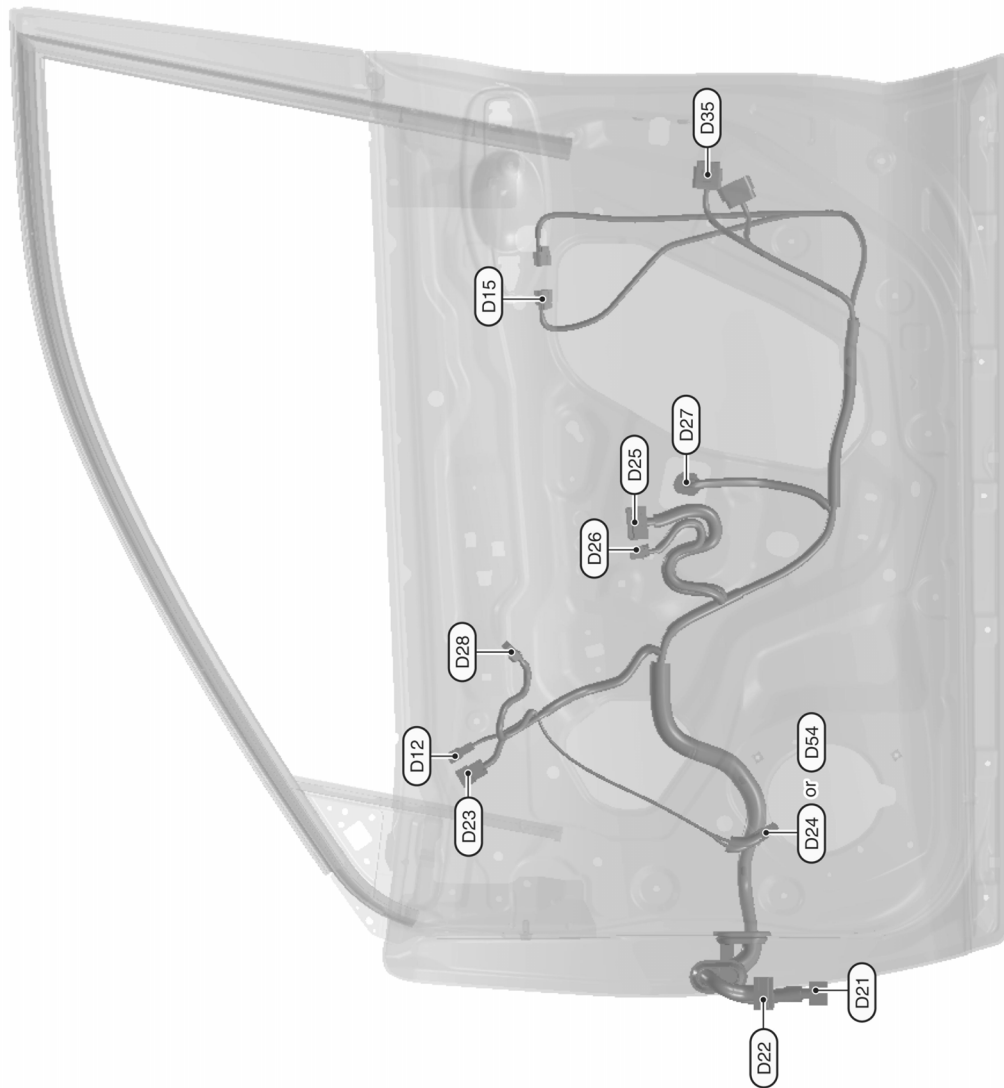
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HARNESS LAYOUT

< WIRING DIAGRAM >

FRONT DOOR HARNESS (RH SIDE)

FRONT DOOR HARNESS (RH SIDE) (RHD MODELS)



2014/03/17

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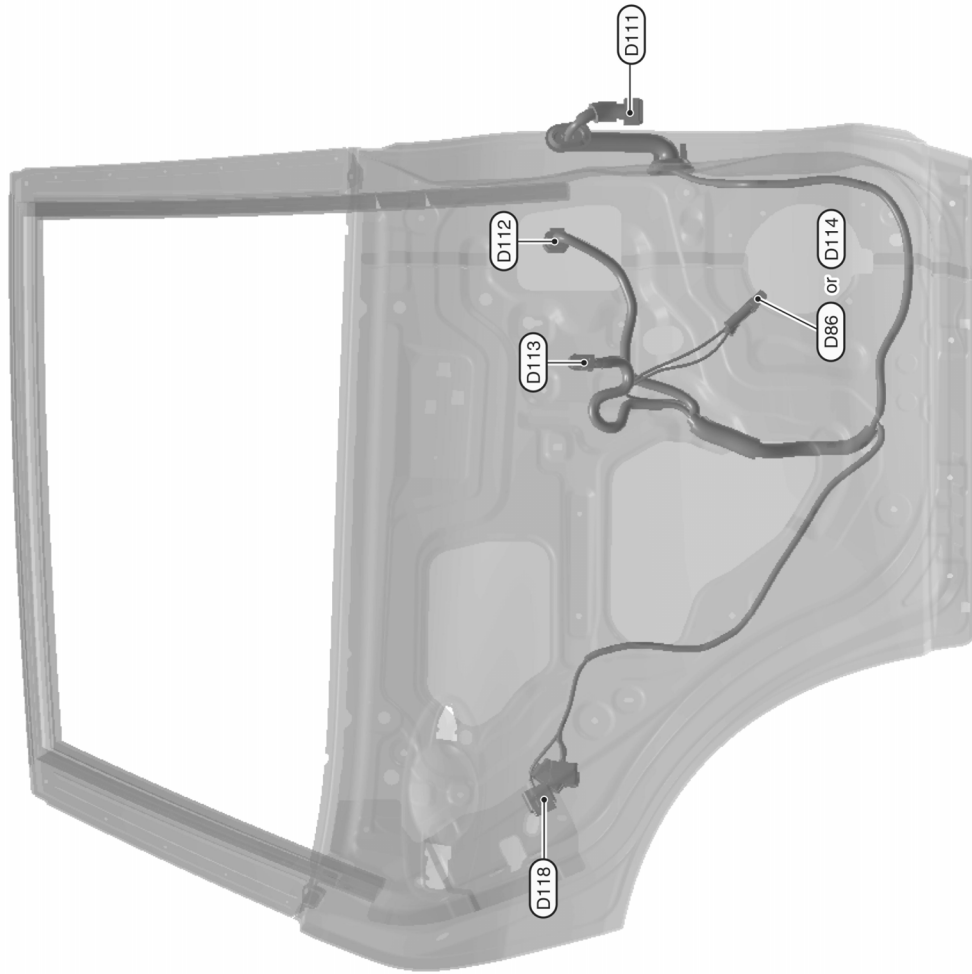
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HARNESS LAYOUT

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REAR DOOR HARNESS (LH SIDE)

REAR DOOR HARNESS (LH SIDE) (RHD MODELS)



JRMIC4464GB

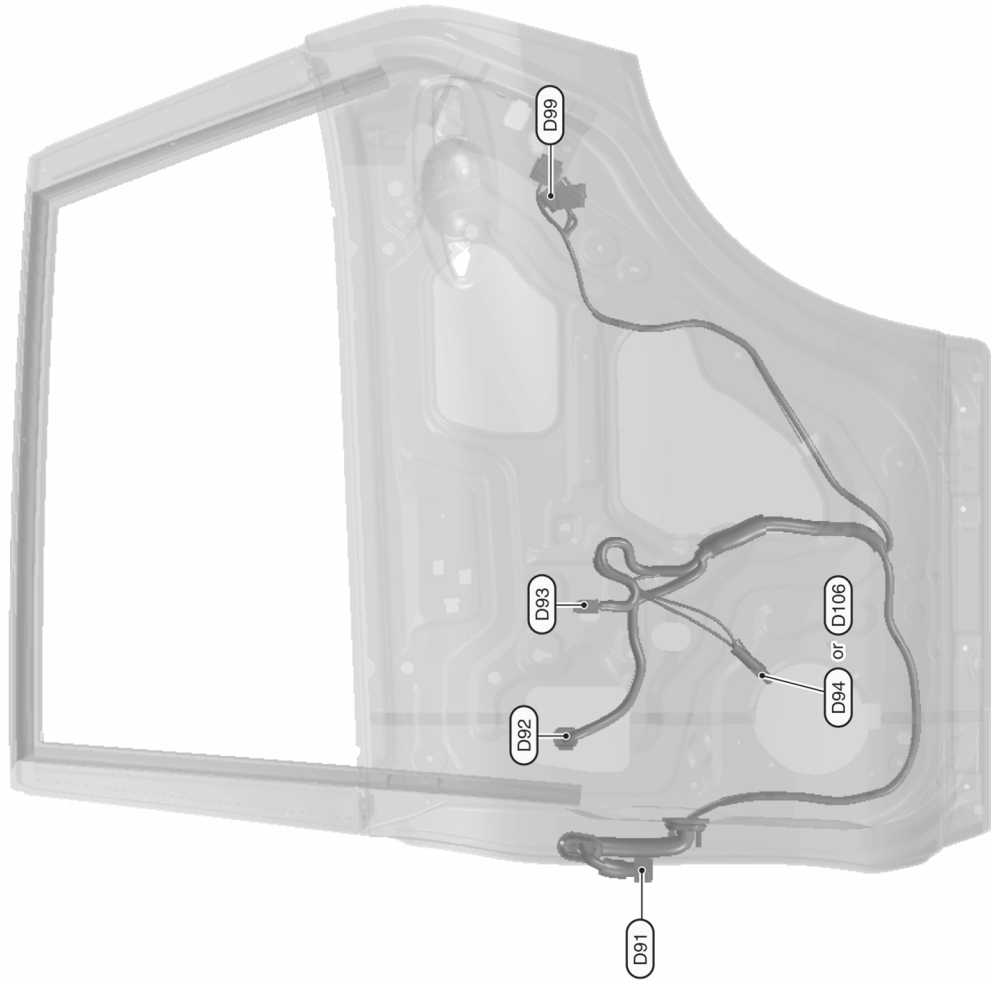
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HARNESS LAYOUT

< WIRING DIAGRAM >

REAR DOOR HARNESS (RH SIDE)

REAR DOOR HARNESS (RH SIDE) (RHD MODELS)



2014/03/17

JRMIC4465GB

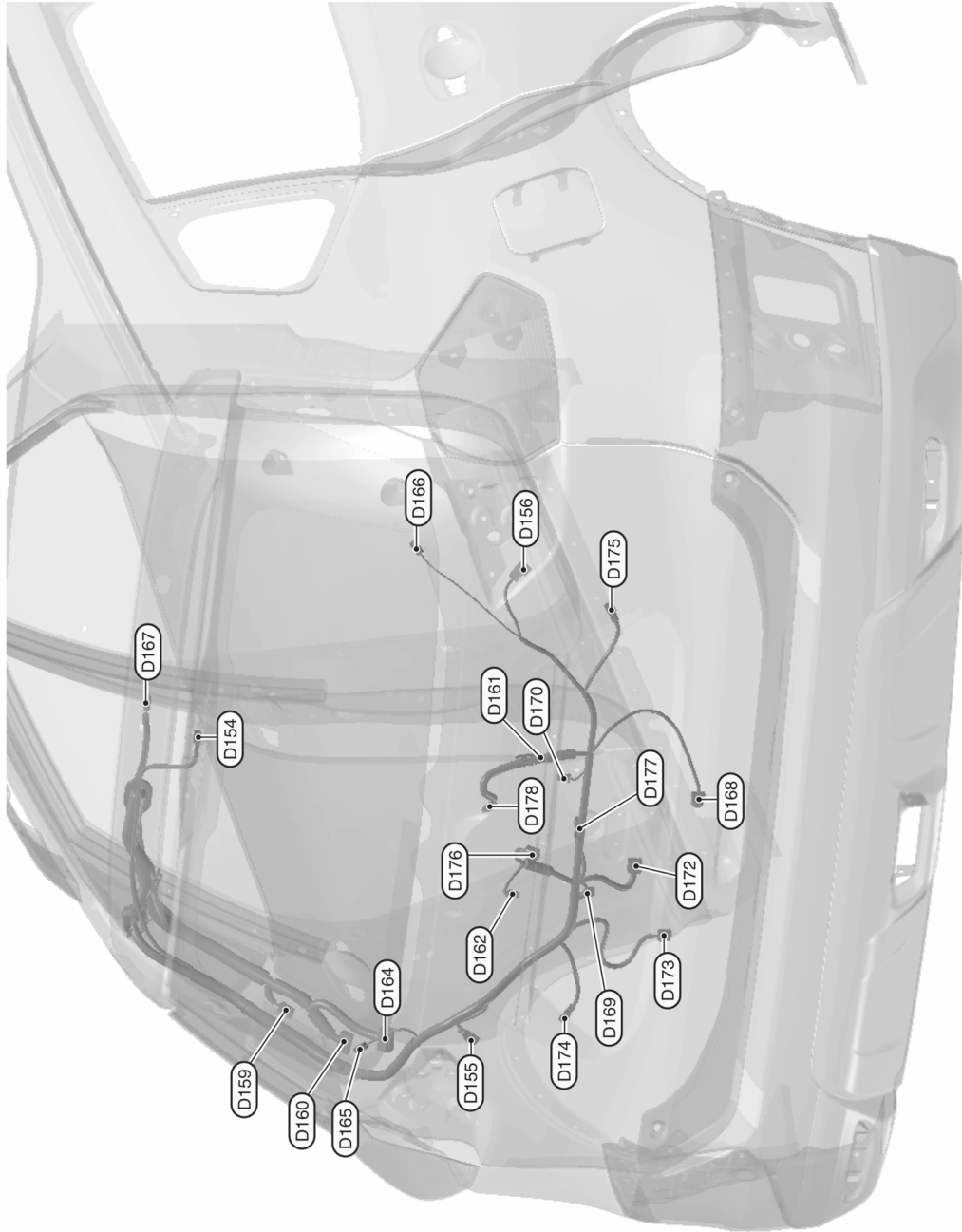
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HARNESS LAYOUT

< WIRING DIAGRAM >

BACK DOOR HARNESS

BACK DOOR HARNESS (RHD MODELS)



2014/03/17

JRMIC4466GB

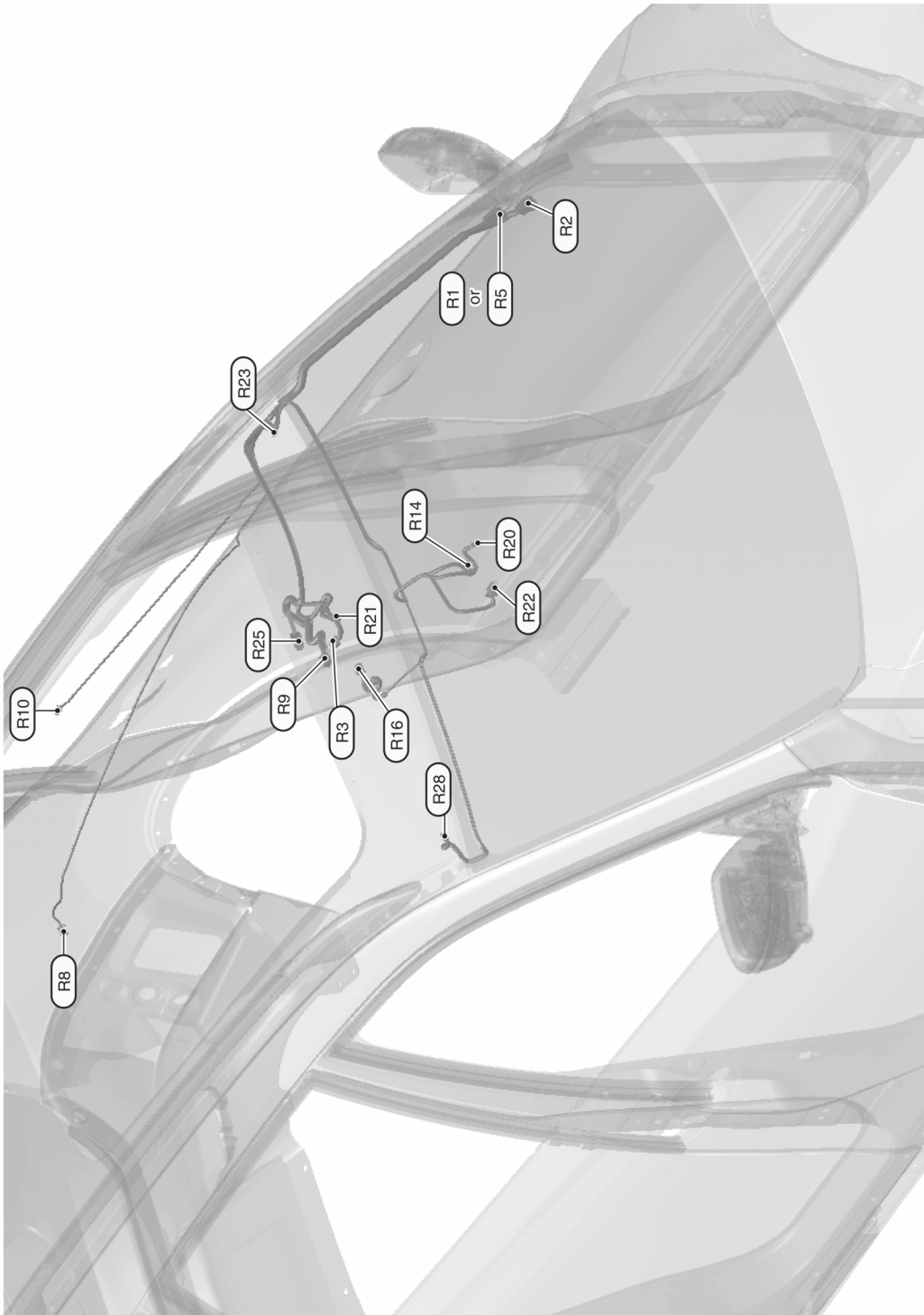
HARNESS LAYOUT

< WIRING DIAGRAM >

RHD : Room Lamp Harness

INFOID:0000000010709226

ROOM LAMP HARNESS (RHD MODELS)



2014/03/17

JRMIC4467GB

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BATTERY INSPECTION

< BASIC INSPECTION >

BASIC INSPECTION

BATTERY INSPECTION

R9M

R9M : How to Handle Battery

INFOID:0000000010713253

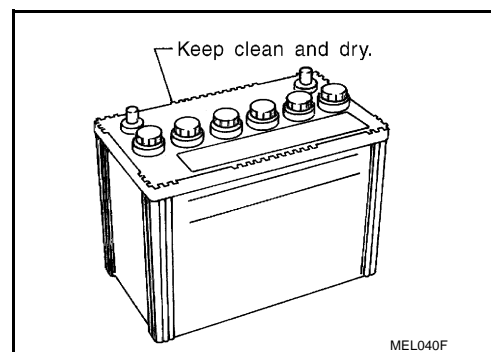
CAUTION:

- 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.
- Never add distilled water through the hole used to check specific gravity.

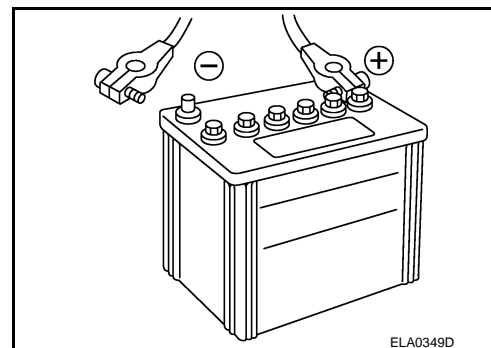
Methods of Preventing Over-discharge

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

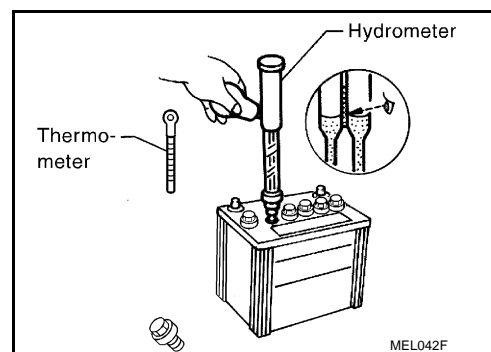
- The battery surface (particularly its top) should always be kept clean and dry.
- The terminal connections should be clean and tight.
- At every routine maintenance, check the electrolyte level. This also applies to batteries designated as "low maintenance" and "maintenance-free".



- 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.)



- Check the charge condition of the battery. Periodically check the specific gravity of the electrolyte. Keep a close check on charge condition to prevent over-discharge.



Checking Electrolyte Level

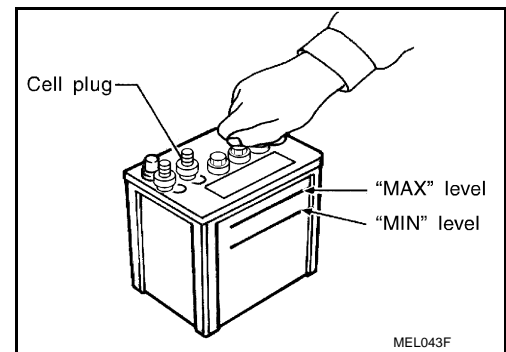
WARNING:

Never allow battery fluid to come in contact with skin, eyes, fabrics, or painted surfaces. After touching a battery, never touch or rub your eyes until you have thoroughly washed your hands. If acid contacts eyes, skin or clothing, immediately flush with water for 15 minutes and seek medical attention.

BATTERY INSPECTION

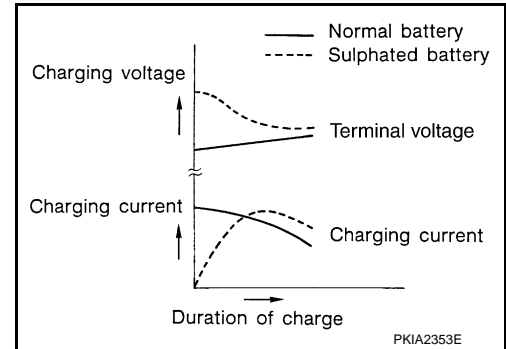
< BASIC INSPECTION >

- Remove the cell plug using a suitable tool.
- Add distilled water up to the MAX level.



Sulphation

- A battery will be completely discharged if it is left unattended for a long time and the specific gravity will become less than 1.100. This may result in sulphation on the cell plates.
- To determine if a battery has been "sulphated", note its voltage and current when charging it. As shown in the figure, less current and higher voltage are observed in the initial stage of charging sulphated batteries.
- A sulphated battery may sometimes be brought back into service by means of a long, slow charge, 12 hours or more, followed by a battery capacity test.

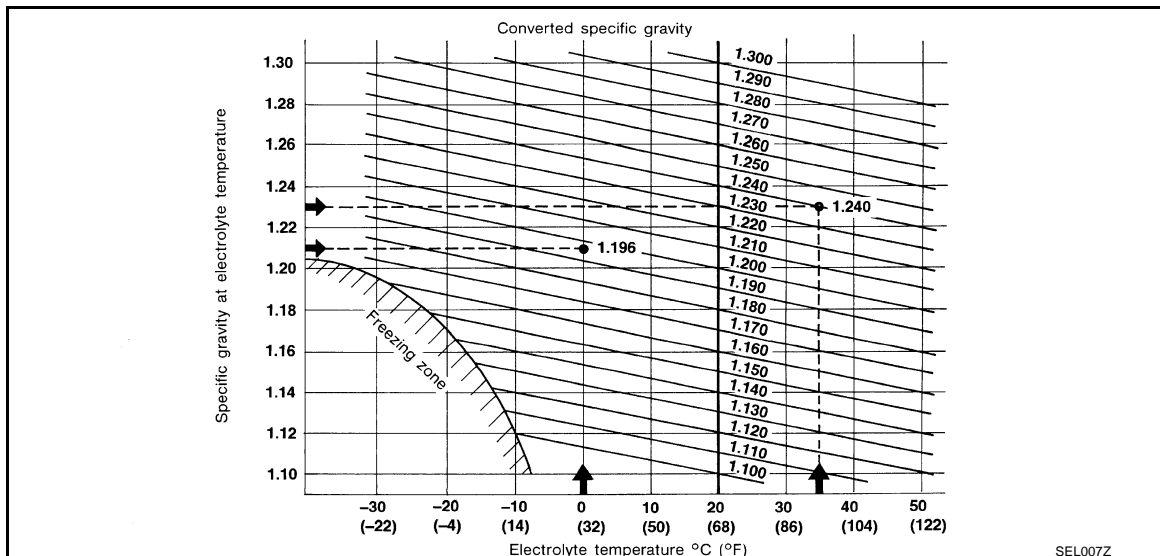
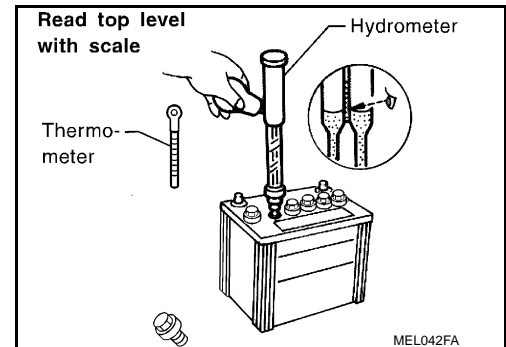


Specific Gravity Check

1. Read hydrometer and thermometer indications at eye level.
2. Convert into specific gravity at 20°C (68°F).

Example:

- When electrolyte temperature is 35°C (95°F) and specific gravity of electrolyte is 1.230, converted specific gravity at 20°C (68°F) is 1.240.
- When electrolyte temperature is 0°C (32°F) and specific gravity of electrolyte is 1.210, converted specific gravity at 20°C (68°F) is 1.196.



BATTERY INSPECTION

< BASIC INSPECTION >

R9M : Work Flow

INFOID:000000010713254

1.CHECK BATTERY (USE CONSULT)

Check the battery, using CONSULT. Refer to [EC-1222, "Diagnosis Procedure"](#).

Is the check result normal?

YES >> GO TO 2.

NO >> Replace battery. Refer to [PG-139, "R9M : Removal and Installation"](#).

2. CHECK FLUID LEVEL

Visually check that the fluid level of each battery cell is within specifications.

Is the fluid level of each battery cell within specifications (between MAX. and MIN. limits)?

YES >> GO TO 4.

NO >> GO TO 3.

3.FILL WITH BATTERY FLUID

Remove cell plug to add distilled water to the MAX. level.

CAUTION:

- Since battery fluid is highly corrosive, never allow physical contact and a splash on clothing and the vehicle. After touching the battery, never touch eyes until after hand-washing. In case of skin (or clothing) contact, immediately wash the contacted area with water for 15 minutes. If the battery fluid gets in eyes, wash them with clean water and consult with the doctor.
- If the battery surface gets dirty, remove the battery and wash it with water or warm water. After washing the battery, wipe it dry with a dry cloth.
- Use battery fluid or distilled water. Never add tap water. Failure to do this will cause low fluid level and battery discharge.
- Never allow battery fluid to spill over.

>> GO TO 4.

4.CHECK BATTERY VOLTAGE

1. Turn the ignition switch OFF. Turn ON the headlamps and let them stay ON for 30 seconds.
2. Turn OFF the headlamps and let it stand for one minute.
3. Check battery voltage.

Is battery voltage 12.4 V or more?

YES >> GO TO 6.

NO >> GO TO 5.

5.RECHARGE BATTERY

Recharge the battery according to the battery charger instructions.

CAUTION:

- There are two charging methods: Quick charging and standard charging.
"Standard charging" is used for recovering the state of charge.
"Quick charging" is used for the emergency recovery of the battery to the state that the engine can be started.
- Never perform the "Quick charging" for an uncharged battery.
Perform "Standard charging" under normal conditions.
- Comply with the following charging current.
For "Standard charging", use approximately 1/10 of the current in 20-hour-rate capacity.
For "Quick charging", use approximately 1/2 of the current in 20-hour-rate capacity.
- Leave all the cell plugs open during charging.
- Never put the battery close to fire while charging.
- When connecting to the battery charger, connect lead wire before turning ON the battery charger. If the battery charger is turned ON before connecting the lead wire, sparks are emitted.
- While charging the battery, maintain battery fluid temperature as follows:
Standard charging: 45 °C (113 °F) or less
Quick charging: 55 °C (131 °F) or less
- Battery charging completes when the specific gravity reaches 1.25 - 1.29 and a steady value is maintained for more than 1 hour.

BATTERY INSPECTION

< BASIC INSPECTION >

- Since quick charging requires a large current and has a high heating value, never perform this continuously for 30 minutes or more.

NOTE:

During a battery charge, the charger current value decreases naturally with time. This means a battery voltage value is normally increasing by charging.

>> GO TO 6.

6. CHECK SPECIFIC GRAVITY

Check that the specific gravity among the battery cells is within specifications, using a hydrometer or battery coolant tester. Refer to [PG-118, "R9M : How to Handle Battery"](#).

CAUTION:

- Check all the cells for variation.
- After the battery charge, if the variation in specific gravity among the cells is 0.05 or more, replace the battery.

Is the specific gravity among the battery cells within specifications?

YES >> INSPECTION END (The battery is normal.)

NO >> Replace battery. Refer to [PG-139, "R9M : Removal and Installation"](#).

EXCEPT FOR R9M

EXCEPT FOR R9M : How to Handle Battery

INFOID:0000000010709227

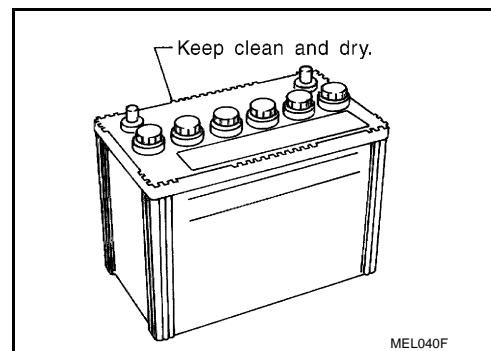
CAUTION:

- 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.
- Never add distilled water through the hole used to check specific gravity.

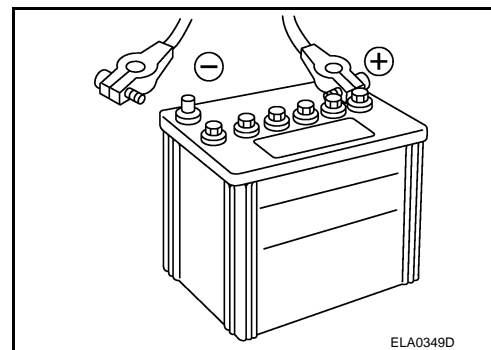
METHODS OF PREVENTING OVER-DISCHARGE

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".



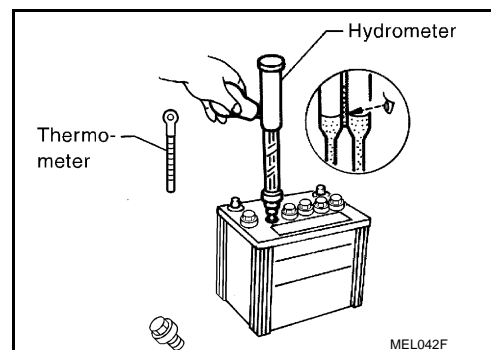
- When the vehicle is not going to be used over a long period of time, disconnect the battery cable from the negative terminal. (If the vehicle has an extended storage fuse switch, turn it off.)



BATTERY INSPECTION

< BASIC INSPECTION >

- Check the charge condition of the battery.
Periodically check the specific gravity of the electrolyte. Keep a close check on charge condition to prevent over-discharge.

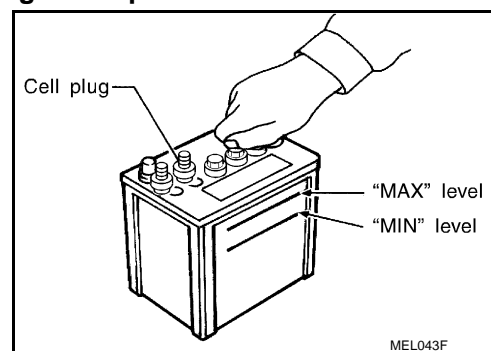


CHECKING ELECTROLYTE LEVEL

WARNING:

Never allow battery fluid to come in contact with skin, eyes, fabrics, or painted surfaces. After touching a battery, never touch or rub your eyes until you have thoroughly washed your hands. If acid contacts eyes, skin or clothing, immediately flush with water for 15 minutes and seek medical attention. Failure to do this may cause personal injury or damage to clothing or the painted surfaces.

- Remove the cell plug using a suitable tool.
- Add distilled water up to the MAX level.

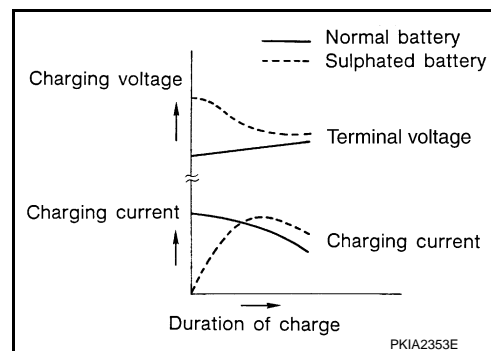


Sulphation

A battery will be completely discharged if it is left unattended for a long time and the specific gravity will become less than 1.100. This may result in sulphation on the cell plates.

To determine if a battery has been "sulphated", note its voltage and current when charging it. As shown in the figure, less current and higher voltage are observed in the initial stage of charging sulphated batteries.

A sulphated battery may sometimes be brought back into service by means of a long, slow charge, 12 hours or more, followed by a battery capacity test.

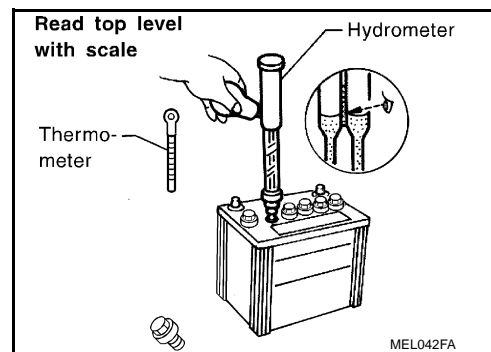


SPECIFIC GRAVITY CHECK

1. Read hydrometer and thermometer indications at eye level.
2. Convert into specific gravity at 20°C (68°F).

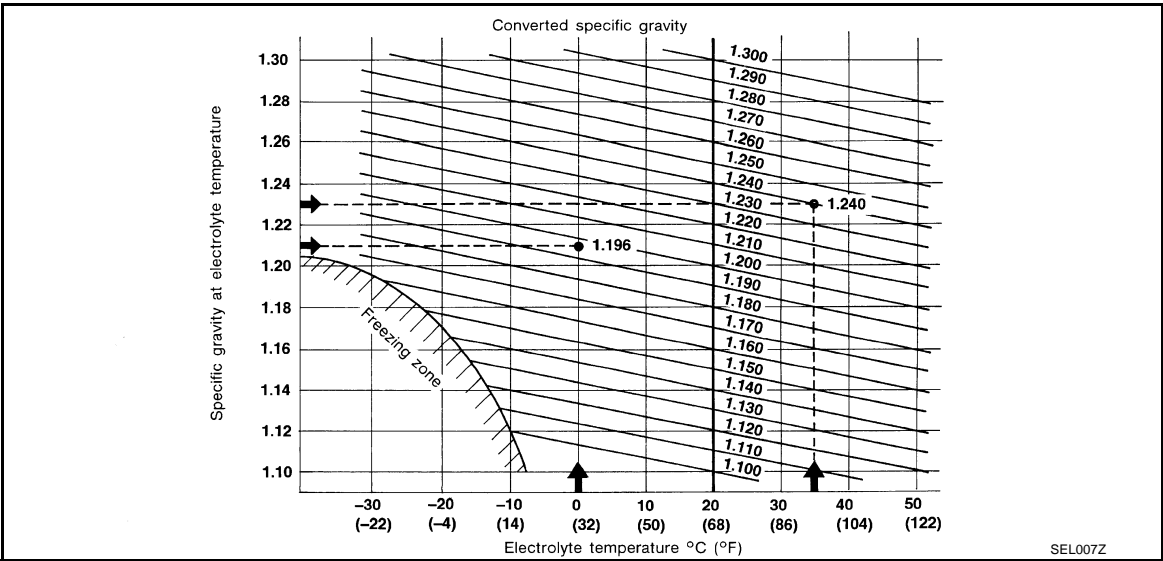
Example:

- When electrolyte temperature is 35°C (95°F) and specific gravity of electrolyte is 1.230, converted specific gravity at 20°C (68°F) is 1.240.
- When electrolyte temperature is 0°C (32°F) and specific gravity of electrolyte is 1.210, converted specific gravity at 20°C (68°F) is 1.196.



BATTERY INSPECTION

< BASIC INSPECTION >



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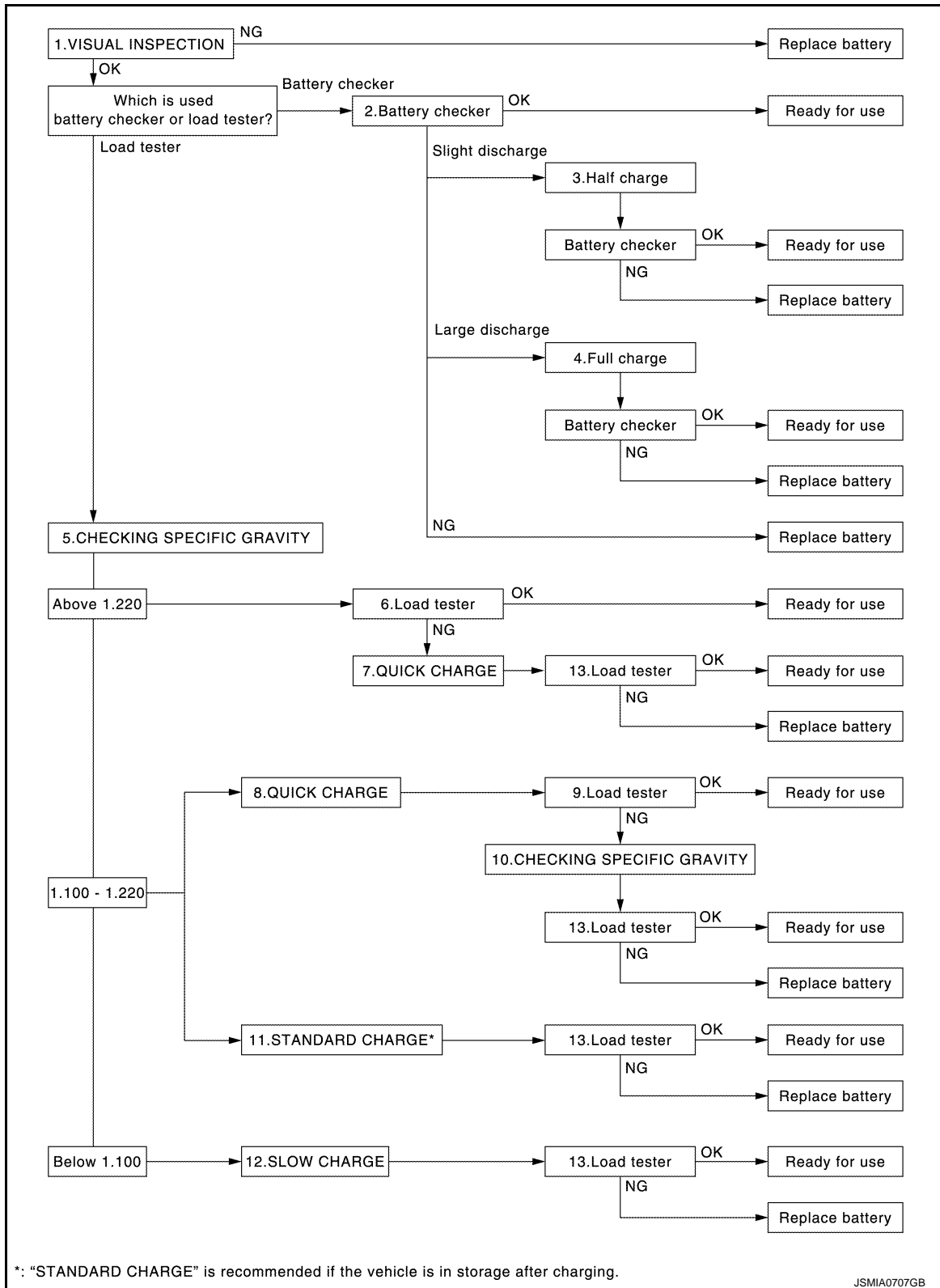
BATTERY INSPECTION

< BASIC INSPECTION >

EXCEPT FOR R9M : Work Procedure

INFOID:000000010709228

OVERALL SEQUENCE



DETAILED FLOW

1. VISUAL INSPECTION

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

BATTERY INSPECTION

< BASIC INSPECTION >

3. Check that battery fluid level is between MAX and MIN. If the battery fluid level is outside the specified level, add fluid to satisfy the specified level.

Are these inspection results normal?

YES-1 (Test using battery checker)>>GO TO 2.

YES-2 (Test using load tester)>>GO TO 5.

NO >> Replace battery.

2.CAPACITY TEST

Test using battery checker.

Is the inspection result normal?

YES-1 (OK)>>Ready for use. Mount battery again and check loose terminals. Also check other related circuits.

YES-2 (Slight discharge)>>GO TO 3.

NO-1 (Large discharge)>>GO TO 4.

NO-2 (NG)>>Replace battery.

3.HALF CHARGE

1. Perform half charge, according to the following table.

| Type | Current (A) | Charging time (h) | Charge type |
|--------|-------------|-------------------|-------------|
| 80D23L | 26 | 0.5 | Quick |
| | 5 | 5 | Standard |

2. Test using battery checker.

Is the inspection result normal?

YES (OK)>>Ready for use.

NO (Other than OK)>>Replace battery.

4.FULL CHARGE

1. Perform full charge, according to the following table.

| Type | Current (A) | Charging time (h) | Charge type |
|--------|-------------|-------------------|-------------|
| 80D23L | 5 | 10 | Standard |

2. Test using battery checker.

Is the inspection result normal?

YES (OK)>>Ready for use.

NO (Other than OK)>>Replace battery.

5.CHECKING SPECIFIC GRAVITY

Check specific gravity. Refer to [PG-121, "EXCEPT FOR R9M : How to Handle Battery"](#).

Inspection results

Above 1.220>>GO TO 6.

1.100 - 1.220 (When performing quick charge)>>GO TO 8.

1.100 - 1.220 (When performing standard charge)>>GO TO 11.

Below 1.100>>GO TO 12.

6.CAPACITY TEST

1. Test using load tester.

2. Check battery type and determine the specified current using the table.

Discharging Current (Load Tester)

| Type | Current (A) |
|----------|-------------|
| 28B19L/R | 90 |
| 34B19L/R | 99 |

BATTERY INSPECTION

< BASIC INSPECTION >

| Type | Current (A) |
|-----------------------|-------------|
| 46B24L/R | 135 |
| 55B24L/R | |
| 55B24L(S) | |
| 50D23L/R | 150 |
| 55D23L/R | 180 |
| 80D23L/R | 195 |
| 65D26L/R | |
| 80D26L/R | |
| 75D31L/R | 210 |
| 95D31L/R | 240 |
| 115D31L/R | |
| 025 [YUASA type code] | |
| 027 [YUASA type code] | 285 |
| 110D26L/R | 300 |
| 95E41L/R | |
| 067 [YUASA type code] | 325 |
| 130E41L/R | 330 |
| 096 [YUASA type code] | 375 |

3. Read load tester voltage when specified discharging current flows through battery for 15 seconds.

Is the voltage 9.6 V or more?

YES >> Ready for use.

NO >> GO TO 7.

7. QUICK CHARGE

1. Perform quick charge. Time required: 45 min. Refer to [PG-136, "Quick Charge"](#).
2. Perform capacity test.

>> GO TO 13.

8. QUICK CHARGE

1. Perform quick charge. Refer to [PG-136, "Quick Charge"](#).
2. Perform capacity test.

>> GO TO 9.

9. CAPACITY TEST

1. Test using load tester.
2. Check battery type and determine the specified current using the table.

Discharging Current (Load Tester)

| Type | Current (A) |
|-----------|-------------|
| 28B19L/R | 90 |
| 34B19L/R | 99 |
| 46B24L/R | 135 |
| 55B24L/R | |
| 55B24L(S) | |
| 50D23L/R | 150 |
| 55D23L/R | 180 |

BATTERY INSPECTION

< BASIC INSPECTION >

| Type | Current (A) |
|-----------------------|-------------|
| 80D23L/R | 195 |
| 65D26L/R | |
| 80D26L/R | |
| 75D31L/R | 210 |
| 95D31L/R | |
| 115D31L/R | |
| 025 [YUASA type code] | 240 |
| 027 [YUASA type code] | |
| 110D26L/R | |
| 95E41L/R | 300 |
| 067 [YUASA type code] | |
| 130E41L/R | |
| 096 [YUASA type code] | 325 |
| | |
| | |
| | 330 |
| | |
| | |
| | 375 |
| | |
| | |

3. Read load tester voltage when specified discharging current flows through battery for 15 seconds.

Is the voltage 9.6 V or more?

YES >> Ready for use.

NO >> GO TO 10.

10. CHECKING SPECIFIC GRAVITY

1. Check specific gravity. Refer to [PG-121, "EXCEPT FOR R9M : How to Handle Battery"](#).

2. Perform recharge. Refer to [PG-136, "Quick Charge"](#).

NOTE:

If battery temperature rises above 55°C (131°F), stop charging. Always charge battery when its temperature is below 55°C (131°F).

3. Perform capacity test.

>> GO TO 13.

11. STANDARD CHARGE

NOTE:

"STANDARD CHARGE" is recommended if the vehicle is in storage after charging.

1. Perform standard charge. Refer to [PG-135, "Standard Charge"](#).

2. Perform capacity test.

>> GO TO 13.

12. SLOW CHARGE

1. Perform slow charge. Refer to [PG-134, "Slow Charge"](#).

2. Perform capacity test.

>> GO TO 13.

13. CAPACITY TEST

1. Test using load tester.

2. Check battery type and determine the specified current using the table.

| Discharging Current (Load Tester) | |
|-----------------------------------|-------------|
| Type | Current (A) |
| 28B19L/R | 90 |
| 34B19L/R | 99 |

BATTERY INSPECTION

< BASIC INSPECTION >

| Type | Current (A) |
|-----------------------|-------------|
| 46B24L/R | 135 |
| 55B24L/R | |
| 55B24L(S) | |
| 50D23L/R | 150 |
| 55D23L/R | 180 |
| 80D23L/R | 195 |
| 65D26L/R | |
| 80D26L/R | |
| 75D31L/R | 210 |
| 95D31L/R | 240 |
| 115D31L/R | |
| 025 [YUASA type code] | |
| 027 [YUASA type code] | 285 |
| 110D26L/R | 300 |
| 95E41L/R | |
| 067 [YUASA type code] | 325 |
| 130E41L/R | 330 |
| 096 [YUASA type code] | 375 |

3. Read load tester voltage when specified discharging current flows through battery for 15 seconds.

Is the voltage 9.6 V or more?

YES >> Ready for use.

NO >> Replace battery.

FUSE INSPECTION

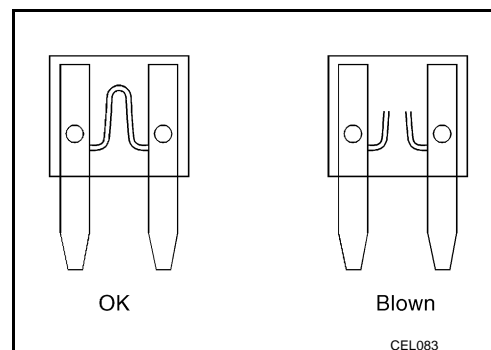
< BASIC INSPECTION >

FUSE INSPECTION

How To Check

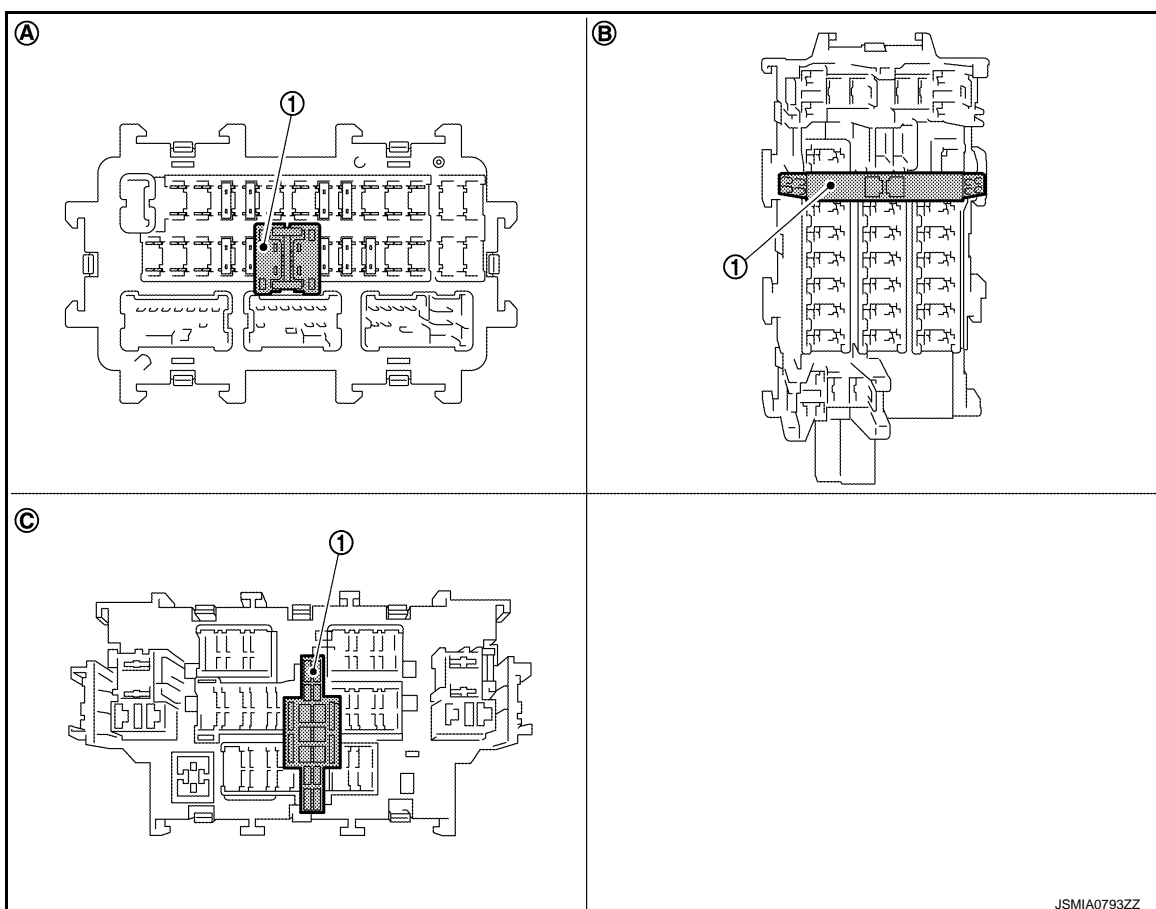
INFOID:0000000010709231

- 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.
- Remove fuse for "ELECTRICAL PARTS (BAT)" if vehicle is not used for a long period of time.



EXTENDED STORAGE FUSE SWITCH (IF EQUIPPED)

The following switch may be mounted on the fuse block (Junction Box) for transportation and storage.



① Extended storage fuse switch

Ⓐ Type A

Ⓑ Type B

Ⓒ Type C

Remove the extended storage fuse switch if it causes the interference when checking fuses.

How To Extended Storage Fuse Switch ON/OFF

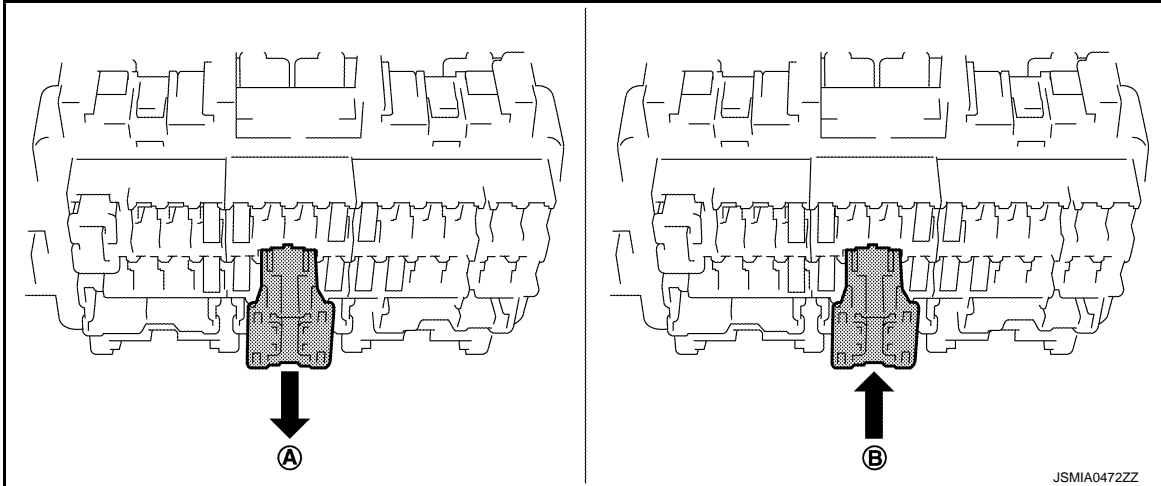
CAUTION:

- Turn the ignition switch OFF when operating the extended storage fuse switch.
- Under normal conditions, keep the extended storage fuse switch in ON state. Never operate the extended storage fuse switch except when necessary.

FUSE INSPECTION

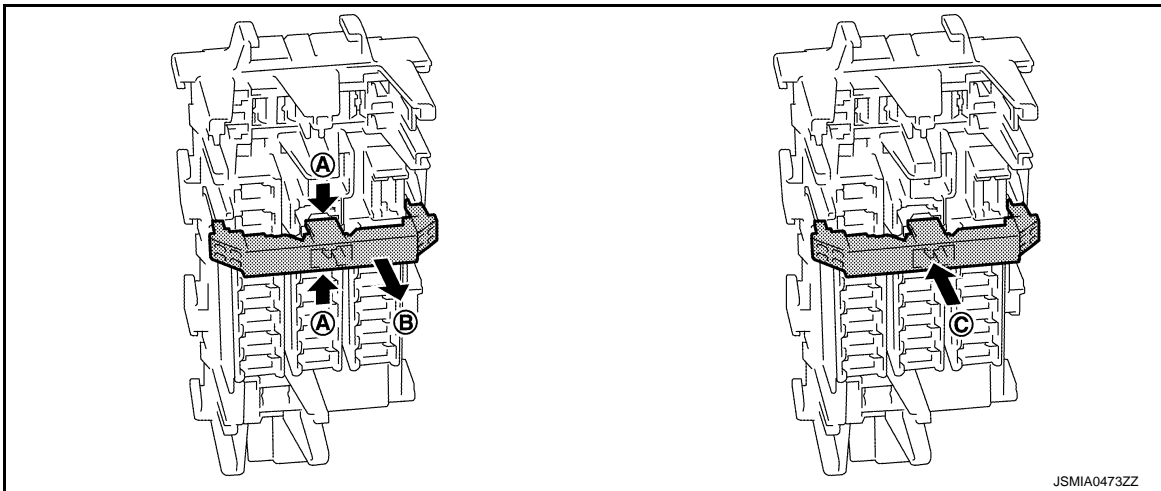
< BASIC INSPECTION >

• Type A



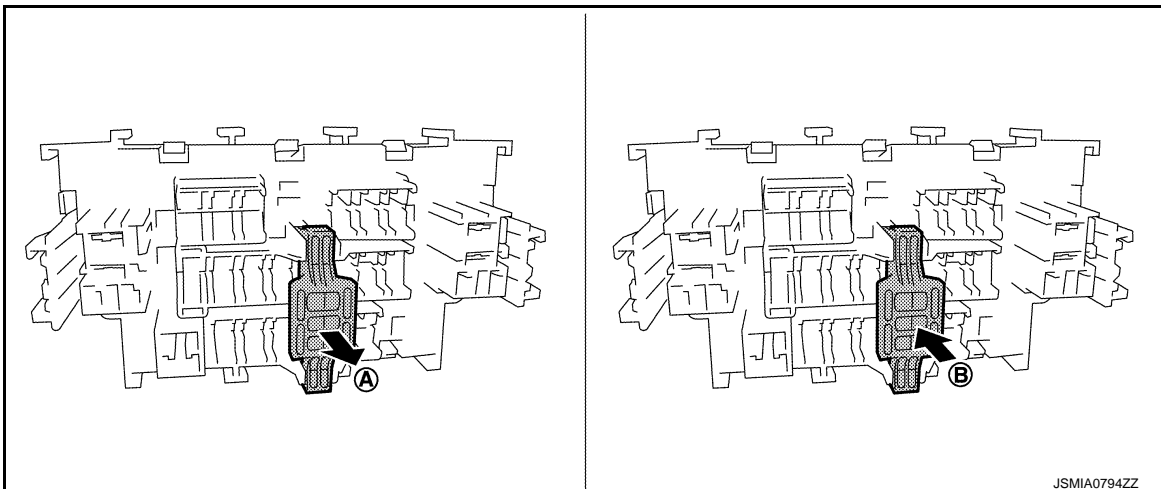
- To turn the extended storage fuse switch OFF, pull it up in (A) direction as shown in the figure.
- To turn the extended storage fuse switch ON, press it in (B) direction as shown in the figure.

• Type B



- To turn the extended storage fuse switch OFF, hold (A) of the switch and pull up in (B) direction as shown in the figure.
- To turn the extended storage fuse switch ON, press it in (C) direction as shown in the figure.

• Type C



- To turn the extended storage fuse switch OFF, pull it up in (A) direction as shown in the figure.
- To turn the extended storage fuse switch ON, press it in (B) direction as shown in the figure.

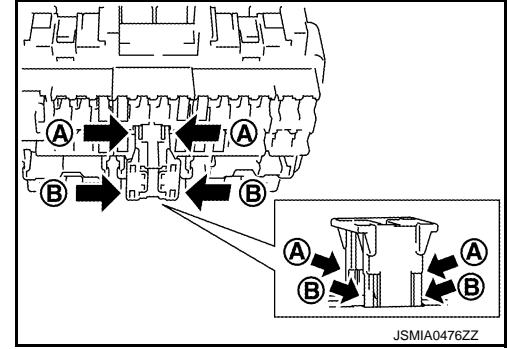
How To Remove Extended Storage Fuse Switch

Type A

FUSE INSPECTION

< BASIC INSPECTION >

1. Turn the ignition switch OFF.
2. Turn the extended storage fuse switch OFF.
3. Press pawl (A) and tilt to disengage the extended storage fuse switch. Press pawl (B) and tilt to remove the extended storage fuse switch.



CAUTION:

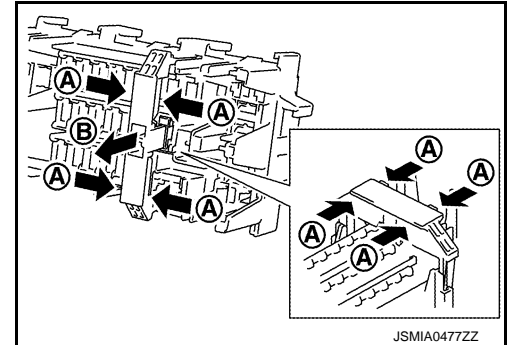
Never use fuse for bus bar.

NOTE:

- Extended storage fuse switch and bus bar are removed together. Remove bus bar from extended storage fuse switch, if necessary.
- Install removed bus bar to fuse block.
- Extended storage fuse switch is for transportation and storage. Reinstallation is not required after the removal.

Type B

1. Turn the ignition switch OFF.
2. Turn the extended storage fuse switch OFF.
3. Hold (A) and pull up the extended storage fuse switch hard in (B) direction.



CAUTION:

Never use fuse for bus bar.

NOTE:

- Extended storage fuse switch and bus bar may be removed together. Remove bus bar from extended storage fuse switch, if necessary.
- Install removed bus bar to fuse block.
- Extended storage fuse switch is for transportation and storage. Reinstallation is not required after the removal.

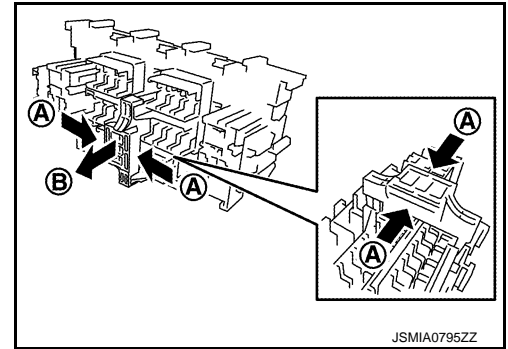
Type C

1. Turn the ignition switch OFF.
2. Turn the extended storage fuse switch OFF.

FUSE INSPECTION

< BASIC INSPECTION >

3. Hold (A) and pull up the extended storage fuse switch hard in (B) direction.



CAUTION:

Never use fuse for bus bar.

NOTE:

- Extended storage fuse switch and bus bar are removed together. Remove bus bar from extended storage fuse switch, if necessary.
- Install removed bus bar to fuse block.
- Extended storage fuse switch is for transportation and storage. Reinstallation is not required after the removal.

FUSIBLE LINK INSPECTION

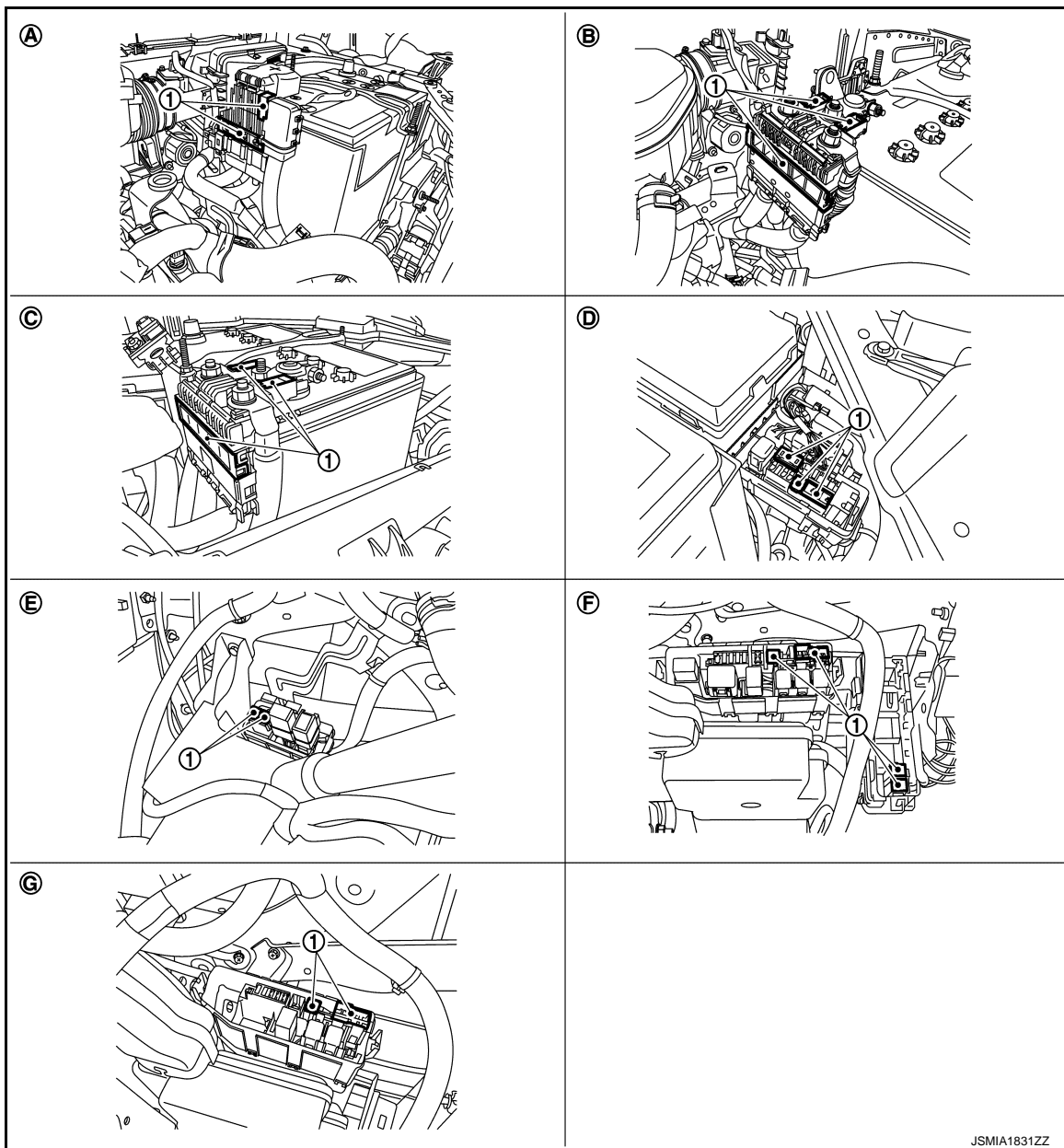
< BASIC INSPECTION >

FUSIBLE LINK INSPECTION

How To Check

INFOID:000000010709232

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

Ⓐ Battery - QR25DE engine models

Ⓑ Battery - MR20DD engine models

Ⓒ Battery - R9M engine models

Ⓓ Engine room fuse box

Ⓔ Under the headlamp right - R9M engine models

Ⓕ Under the headlamp left- R9M engine models

Ⓖ Under the headlamp - Except for R9M engine models

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.

BATTERY CHARGING CHART

< BASIC INSPECTION >

BATTERY CHARGING CHART

Slow Charge

INFOID:0000000010709233

1.DETERMINE INITIAL CHARGING CURRENT

1. Determine initial charging current from specific gravity.
2. Check battery type and determine the specified current using the table.

NOTE:

After starting charging, adjustment of charging current is not necessary.

Initial Charging Current Setting (Slow Charge)

| CONVERTED SPECIFIC GRAVITY | BATTERY TYPE | | | | | | | | | | | | | | | | | | |
|----------------------------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------------------|-----------------------|-----------|-----------|-----------|-----------------------|-----------------------|-----------|-----------|------------|------------|-----------|------------|
| | 28B19/L/R | 34B19/L/R | 46B24/L/R | 55B24/L/R | 50D23/L/R | 55D23/L/R | 025 [YUASA type code] | 027 [YUASA type code] | 80D23/L/R | 65D26/L/R | 80D26/L/R | 067 [YUASA type code] | 096 [YUASA type code] | 75D31/L/R | 95D31/L/R | 115D31/L/R | 110D26/L/R | 95E41/L/R | 130E41/L/R |
| Below 1.100 | 4.0 (A) | | 5.0 (A) | | 7.0 (A) | | | | 8.0 (A) | | | | 8.5 (A) | 9.0 (A) | 10.0 (A) | | | | 14.0 (A) |

>> GO TO 2.

2.CHARGE BATTERY

1. Charge battery.
2. Check charge voltage 30 minutes after starting the battery charge.

Is the voltage between 12 V and 15 V?

YES >> GO TO 3.

NO >> Replace battery.

3.CHARGE BATTERY

Continue to charge for 12 hours.

>> GO TO 4.

4.CHECKING SPECIFIC GRAVITY

Check specific gravity. Refer to [PG-121, "EXCEPT FOR R9M : How to Handle Battery"](#).

Is the specific gravity 1.240 or more?

YES >> Complete slow charge. Perform "CAPACITY TEST". Refer to [PG-124, "EXCEPT FOR R9M : Work Procedure"](#).

NO >> GO TO 5.

5.CONDUCT ADDITIONAL CHARGE

Add charging time depending on specific gravity.

Additional Charge (Slow Charge)

| SPECIFIC GRAVITY | CHARGING TIME (h) |
|------------------|-------------------|
| Below 1.150 | 5 |
| 1.150 - 1.200 | 4 |
| 1.200 - 1.240 | 2 |

>> Complete slow charge. Perform "CAPACITY TEST". Refer to [PG-124, "EXCEPT FOR R9M : Work Procedure"](#).

CAUTION:

BATTERY CHARGING CHART

< BASIC INSPECTION >

- Set charging current to value specified in “Initial Charging Current Setting (Slow Charge)”. If charger is not capable of producing specified current value, set its charging current as close to that value as possible.
- Keep battery away from open flame while it is being charged.
- When connecting charger, connect leads first, then turn on charger. Never turn on charger first, as this may cause a spark.
- If battery temperature rises above 55°C (131°F), stop charging. Always charge battery when its temperature is below 55°C (131°F).

Standard Charge

INFOID:0000000010709234

1.DETERMINE INITIAL CHARGING CURRENT

1. Determine initial charging current from specific gravity.
2. Check battery type and determine the specified current using the table.

NOTE:

After starting charging, adjustment of charging current is not necessary.

Initial Charging Current Setting (Standard Charge)

| CONVERTED SPECIFIC GRAVITY | BATTERY TYPE | | | | | | | | | | | | | | | | | |
|----------------------------|--------------|----------|----------|----------|----------|----------|-----------------------|-----------------------|----------|----------|----------|-----------------------|-----------------------|----------|----------|-----------|-----------|----------|
| | 28B19L/R | 34B19L/R | 46B24L/R | 55B24L/R | 50D23L/R | 55D23L/R | 025 [YUASA type code] | 027 [YUASA type code] | 80D23L/R | 65D26L/R | 80D26L/R | 067 [YUASA type code] | 096 [YUASA type code] | 75D31L/R | 95D31L/R | 115D31L/R | 110D26L/R | 95E41L/R |
| 1.100 - 1.130 | 4.0 (A) | | 5.0 (A) | | 6.0 (A) | | | | 7.0 (A) | | | | 8.0 (A) | 9.0 (A) | | | | 13.0 (A) |
| 1.130 - 1.160 | 3.0 (A) | | 4.0 (A) | | 5.0 (A) | | | | 6.0 (A) | | | | 7.0 (A) | 8.0 (A) | | | | 11.0 (A) |
| 1.160 - 1.190 | 2.0 (A) | | 3.0 (A) | | 4.0 (A) | | | | 5.0 (A) | | | | 6.0 (A) | 7.0 (A) | | | | 9.0 (A) |
| 1.190 - 1.220 | 2.0 (A) | | 2.0 (A) | | 3.0 (A) | | | | 4.0 (A) | | | | 5.0 (A) | 5.0 (A) | | | | 7.0 (A) |

>> GO TO 2.

2.CHARGE BATTERY

Charge battery for 8 hours.

>> GO TO 3.

3.CHECKING SPECIFIC GRAVITY

Check specific gravity. Refer to [PG-121, "EXCEPT FOR R9M : How to Handle Battery"](#).

Is the specific gravity 1.240 or more?

YES >> Complete standard charge. Perform “CAPACITY TEST”. Refer to [PG-124, "EXCEPT FOR R9M : Work Procedure"](#).

NO >> GO TO 4.

4.CONDUCT ADDITIONAL CHARGE

Add charging time depending on specific gravity.

Additional Charge (Standard Charge)

| SPECIFIC GRAVITY | CHARGING TIME (h) |
|------------------|-------------------|
| Below 1.150 | 3.5 |

BATTERY CHARGING CHART

< BASIC INSPECTION >

| SPECIFIC GRAVITY | CHARGING TIME (h) |
|------------------|-------------------|
| 1.150 - 1.200 | 2.5 |
| 1.200 - 1.240 | 1.5 |

>> Complete standard charge. Perform "CAPACITY TEST". Refer to [PG-124, "EXCEPT FOR R9M : Work Procedure"](#).

CAUTION:

- Never use standard charge method on a battery whose specific gravity is less than 1.100.
- Set charging current to value specified in "Initial Charging Current Setting (Standard Charge)". If charger is not capable of producing specified current value, set its charging current as close to that value as possible.
- Keep battery away from open flame while it is being charged.
- When connecting charger, connect leads first, then turn on charger. Never turn on charger first, as this may cause a spark.
- If battery temperature rises above 55°C (131°F), stop charging. Always charge battery when its temperature is below 55°C (131°F).

Quick Charge

INFOID:0000000010709235

1. DETERMINE INITIAL CHARGING CURRENT

1. Determine initial charging current setting and charging time from specific gravity.
2. Check battery type and determine the specified current using the table.

NOTE:

After starting charging, adjustment of charging current is not necessary.

Initial Charging Current Setting and Charging Time (Quick Charge)

| BATTERY TYPE | 28B19L/R | 34B19L/R | 46B24L/R | 55B24L/R | 50D23L/R | 55D23L/R | 80D23L/R | 65D26L/R | 80D26L/R | 025 [YUASA type code] | 027 [YUASA type code] | 067 [YUASA type code] | 096 [YUASA type code] | 75D31L/R | 95D31L/R | 115D31L/R | 110D26L/R | 95E41L/R | 130E41L/R |
|----------------------------|---------------|---------------------|----------|----------|----------|----------|----------|----------|----------|-----------------------|-----------------------|-----------------------|-----------------------|----------|----------|-----------|-----------|----------|-----------|
| CURRENT [A] | 10 | | 15 | | | | 20 | | | | | 25 | | | 30 | | | | 40 |
| CONVERTED SPECIFIC GRAVITY | 1.100 - 1.130 | 2.5 hours | | | | | | | | | | | | | | | | | |
| | 1.130 - 1.160 | 2.0 hours | | | | | | | | | | | | | | | | | |
| | 1.160 - 1.190 | 1.5 hours | | | | | | | | | | | | | | | | | |
| | 1.190 - 1.220 | 1.0 hour | | | | | | | | | | | | | | | | | |
| | Above 1.220 | 0.75 hour (45 min.) | | | | | | | | | | | | | | | | | |

CAUTION:

- Never use quick charge method on a battery whose specific gravity is less than 1.100.
- Set initial charging current to value specified in "Initial Charging Current Setting and Charging Time (Quick Charge)". If charger is not capable of producing specified current value, set its charging current as close to that value as possible.
- Keep battery away from open flame while it is being charged.
- When connecting charger, connect leads first, then turn on charger. Never turn on charger first, as this may cause a spark.
- Be careful of a rise in battery temperature because a large current flow is required during quick-charge operation.

BATTERY CHARGING CHART

< BASIC INSPECTION >

- If battery temperature rises above 55°C (131°F), stop charging. Always charge battery when its temperature is below 55°C (131°F).
- Never exceed the charging time specified in “Initial Charging Current Setting and Charging Time (Quick Charge)”, because charging battery over the charging time can cause deterioration of the battery.

>> GO TO 2.

2.CHARGE BATTERY

Charge battery.

>> Complete quick charge. Perform “CAPACITY TEST”. Refer to [PG-124. "EXCEPT FOR R9M : Work Procedure"](#).

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BATTERY

< REMOVAL AND INSTALLATION >

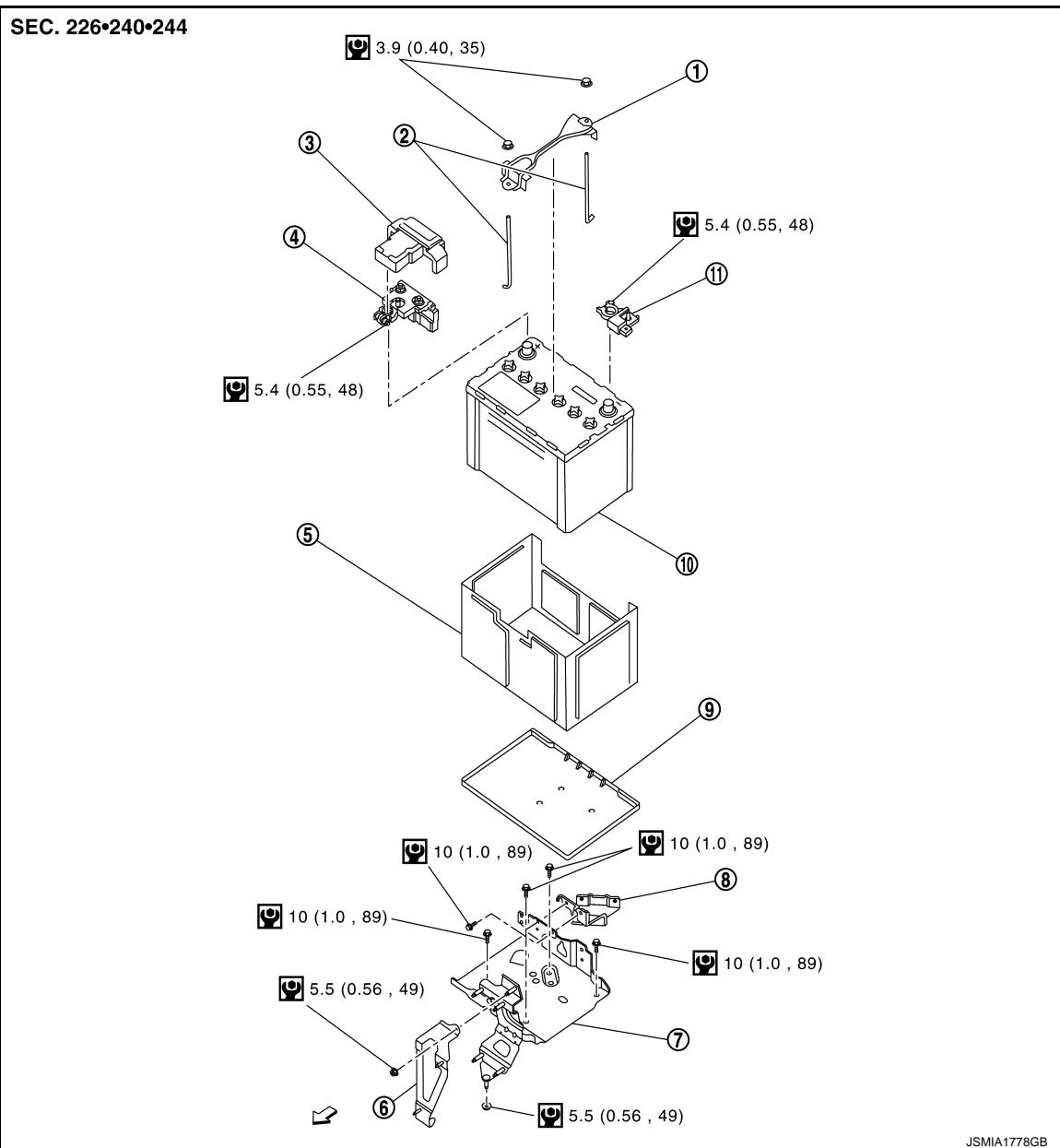
REMOVAL AND INSTALLATION

BATTERY

R9M

R9M : Exploded View

INFOID:0000000010763259



- | | | |
|--------------------------------------|--------------------------|-----------------------------------|
| ① Battery fix frame | ② Battery fix rod | ③ Battery positive terminal cover |
| ④ Battery terminal with fusible link | ⑤ Battery cover | ⑥ TCM mounting bracket |
| ⑦ Battery tray | ⑧ Starter relay bracket | ⑨ Battery under cover |
| ⑩ Battery | ⑪ Battery current sensor | |

: N·m (kg-m, in-lb)

: Vehicle front

BATTERY

< REMOVAL AND INSTALLATION >

R9M : Removal and Installation

INFOID:0000000010763260

REMOVAL

1. Disconnect the battery cable from the negative terminal.

CAUTION:

To prevent damage to the parts, disconnect the battery cable from the negative terminal first.

2. Remove cover of battery positive terminal.
3. Disconnect the battery cable from the positive terminal.
4. Remove battery fix frame mounting nuts and battery fix frame.
5. Remove battery.

INSTALLATION

Install in the reverse order of removal.

CAUTION:

To install the battery, carefully read the following instructions.

- **To prevent damage to the parts, connect the battery cable to the positive terminal first.**
- **After connecting battery cables, to securely supply battery voltage, ensure that they are tightly clamped to battery terminals for good contact.**
- **To securely supply battery voltage, check battery terminal for poor connection caused by corrosion.**

Reset electronic systems as necessary. Refer to [GI-61, "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

EXCEPT FOR R9M

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BATTERY

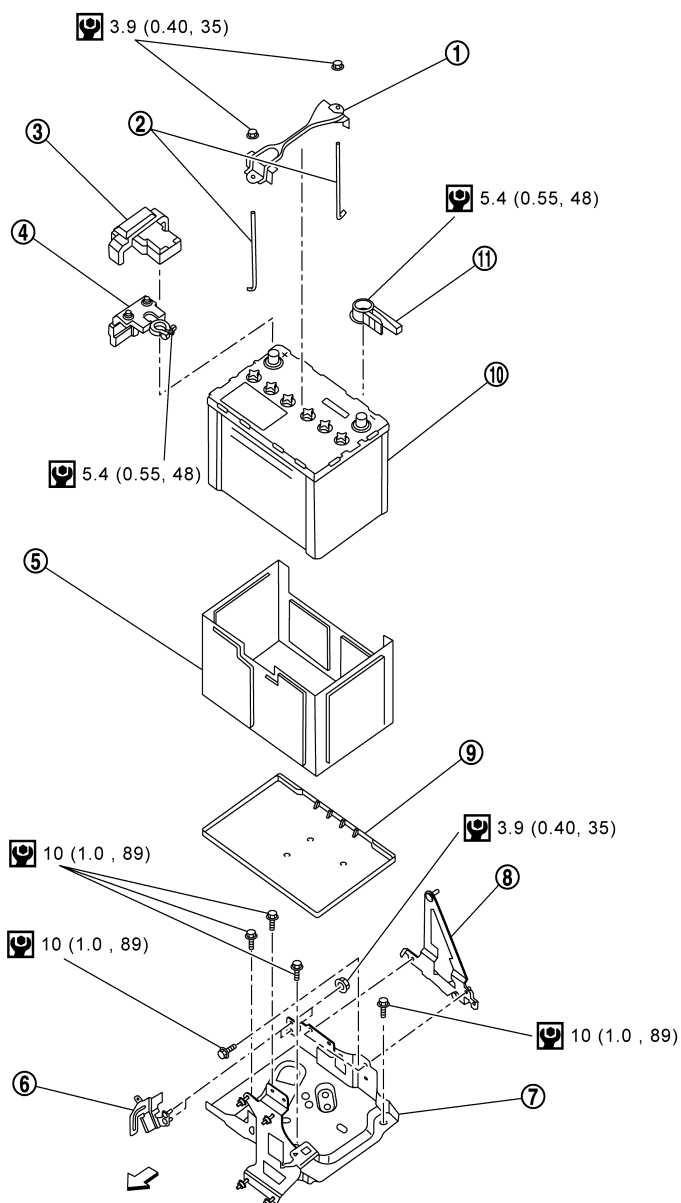
< REMOVAL AND INSTALLATION >

EXCEPT FOR R9M : Exploded View

INFOID:0000000010709236

MR20DD engine models

SEC. 226•240•244




JSMIA1856GB

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|--------------------------------------|-----------------------------|-----------------------------------|
| ① Battery fix frame | ② Battery fix rod | ③ Battery positive terminal cover |
| ④ Battery terminal with fusible link | ⑤ Battery cover | ⑥ Battery tray harness clamp |
| ⑦ Battery tray | ⑧ TCM mounting bracket | ⑨ Battery under cover |
| ⑩ Battery | ⑪ Battery negative terminal | |

BATTERY

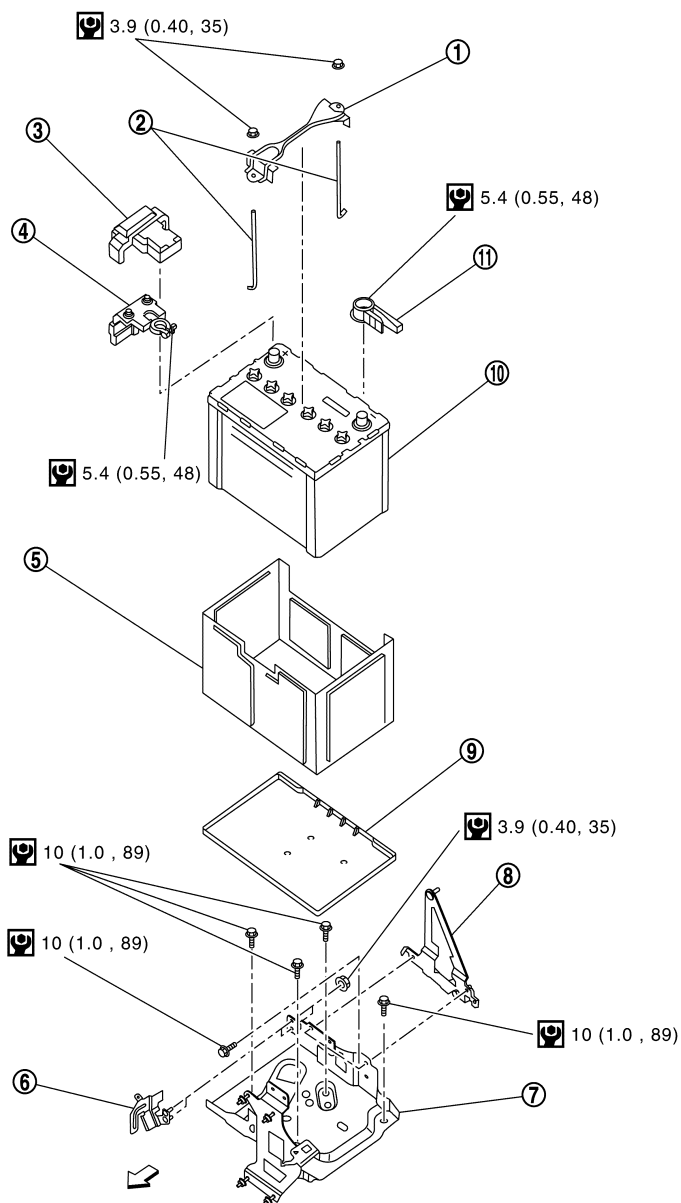
< REMOVAL AND INSTALLATION >

 : N·m (kg-m, in-lb)

 : Vehicle front

QR25DE engine models

SEC. 226•240•244



- | | | |
|--------------------------------------|-------------------|-----------------------------------|
| ① Battery fix frame | ② Battery fix rod | ③ Battery positive terminal cover |
| ④ Battery terminal with fusible link | ⑤ Battery cover | ⑥ Battery tray harness clamp |

BATTERY

< REMOVAL AND INSTALLATION >


⑦ Battery tray

⑧ TCM mounting bracket

⑨ Battery under cover

⑩ Battery

⑪ Battery negative terminal

 : N·m (kg-m, in-lb)

 : Vehicle front

EXCEPT FOR R9M : Removal and Installation

INFOID:0000000010709237

REMOVAL

1. Disconnect the battery cable from the negative terminal.

CAUTION:

To prevent damage to the parts, disconnect the battery cable from the negative terminal first.

2. Remove cover of battery positive terminal.
3. Disconnect the battery cable from the positive terminal.
4. Remove battery fix frame mounting nuts and battery fix frame.
5. Remove battery.

INSTALLATION

Install in the reverse order of removal.

CAUTION:

To install the battery, carefully read the following instructions.

- **To prevent damage to the parts, connect the battery cable to the positive terminal first.**
- **After connecting battery cables, to securely supply battery voltage, ensure that they are tightly clamped to battery terminals for good contact.**
- **To securely supply battery voltage, check battery terminal for poor connection caused by corrosion.**

Reset electronic systems as necessary. Refer to [GI-61. "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

BATTERY TRAY

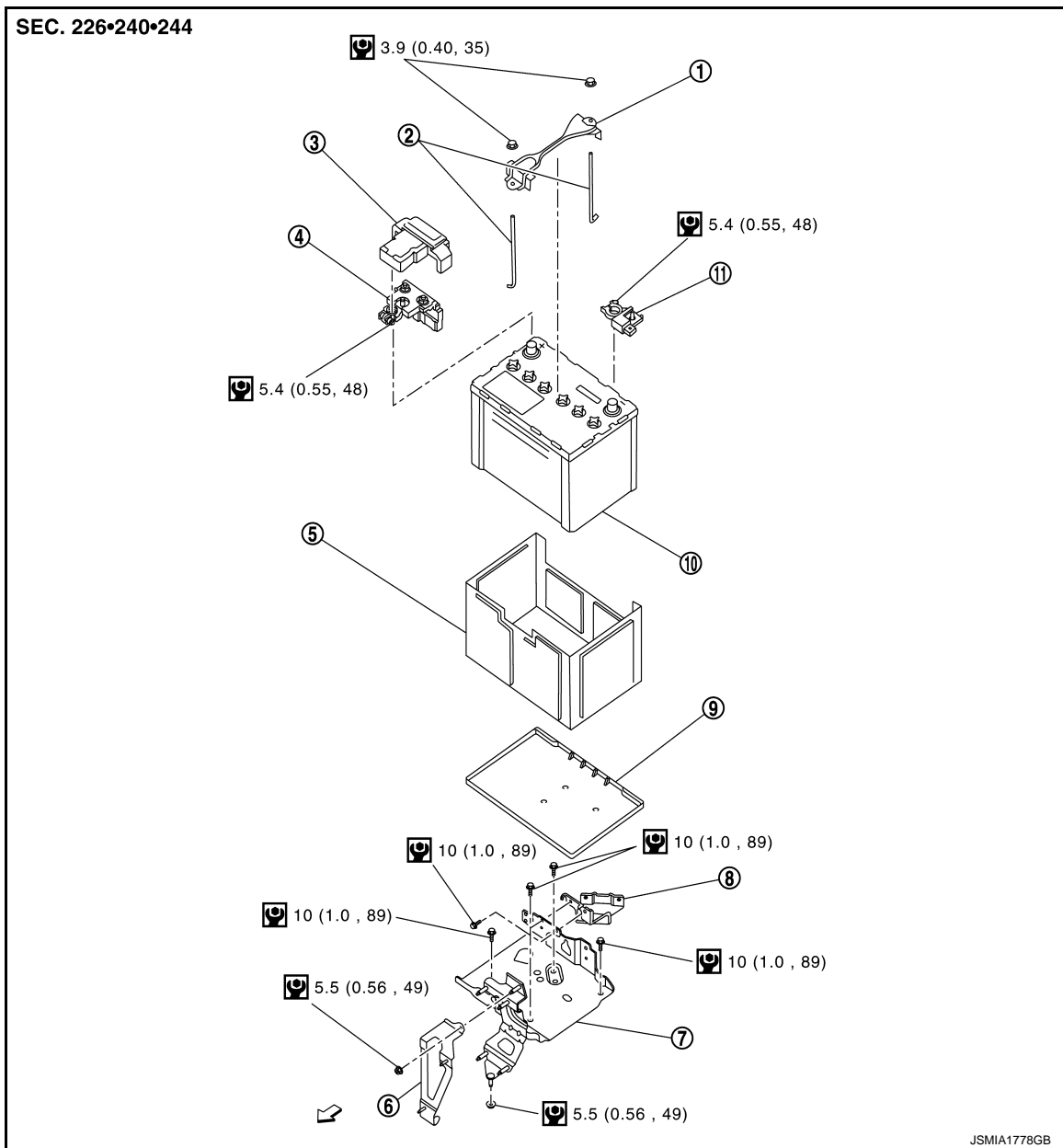
< REMOVAL AND INSTALLATION >

BATTERY TRAY

R9M

R9M : Exploded View

INFOID:0000000010763413



- | | | |
|--------------------------------------|--------------------------|-----------------------------------|
| ① Battery fix frame | ② Battery fix rod | ③ Battery positive terminal cover |
| ④ Battery terminal with fusible link | ⑤ Battery cover | ⑥ TCM mounting bracket |
| ⑦ Battery tray | ⑧ Starter relay bracket | ⑨ Battery under cover |
| ⑩ Battery | ⑪ Battery current sensor | |

: N·m (kg-m, in-lb)

: Vehicle front

R9M : Removal and Installation


INFOID:0000000010763262

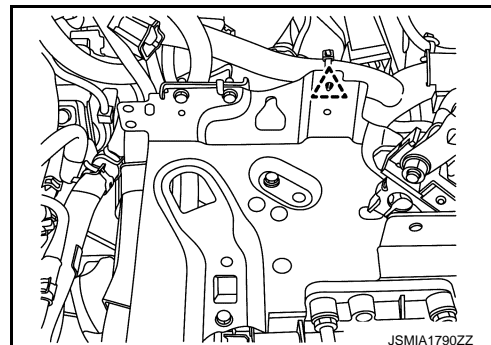
REMOVAL

BATTERY TRAY

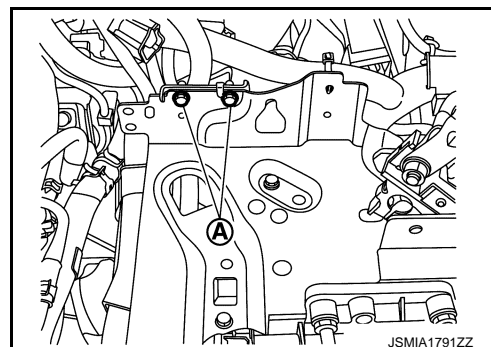
< REMOVAL AND INSTALLATION >

1. Remove battery. Refer to : [PG-139, "R9M : Removal and Installation"](#).
2. Remove air duct. Refer to : [EM-308, "Removal and Installation"](#)
3. Remove battery tray under cover.
4. Remove barometric pressure sensor. (If equipped)
5. Disengage wiring harness fixing pawls from battery tray.

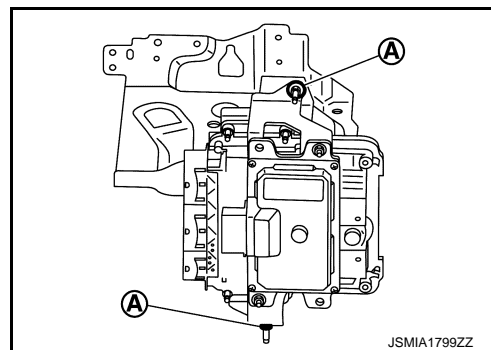
 : Pawl



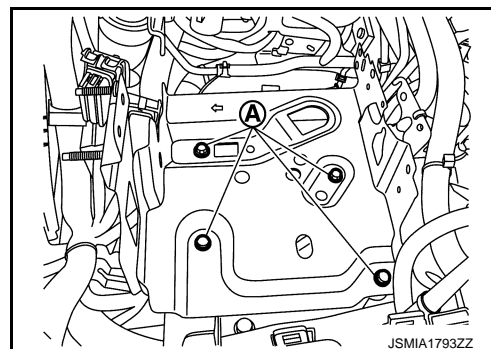
6. Remove starter relay bolts (A) from battery tray.



7. Remove TCM mounting nuts (A) from battery tray.



8. Remove ECM. Refer to : [EC-1226, "Removal and Installation"](#).
9. Remove battery tray mounting bolts (A).



INSTALLATION

BATTERY TRAY

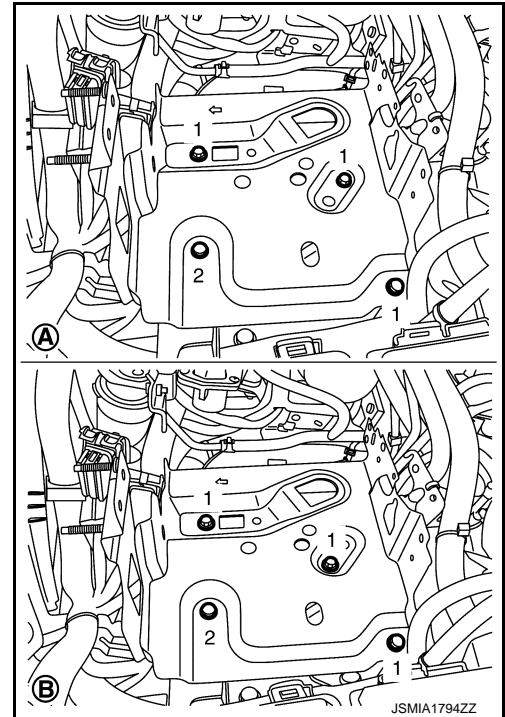
< REMOVAL AND INSTALLATION >

1. Install bolts to battery tray.
 - Temporarily tighten bolts 1.
 - Tighten bolt 2 to the specified torque.
 - Tighten bolts 1 to the specified torque.

Ⓐ : M/T models

Ⓑ : CVT models

2. Install in the reverse order of removal.



EXCEPT FOR R9M

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BATTERY TRAY

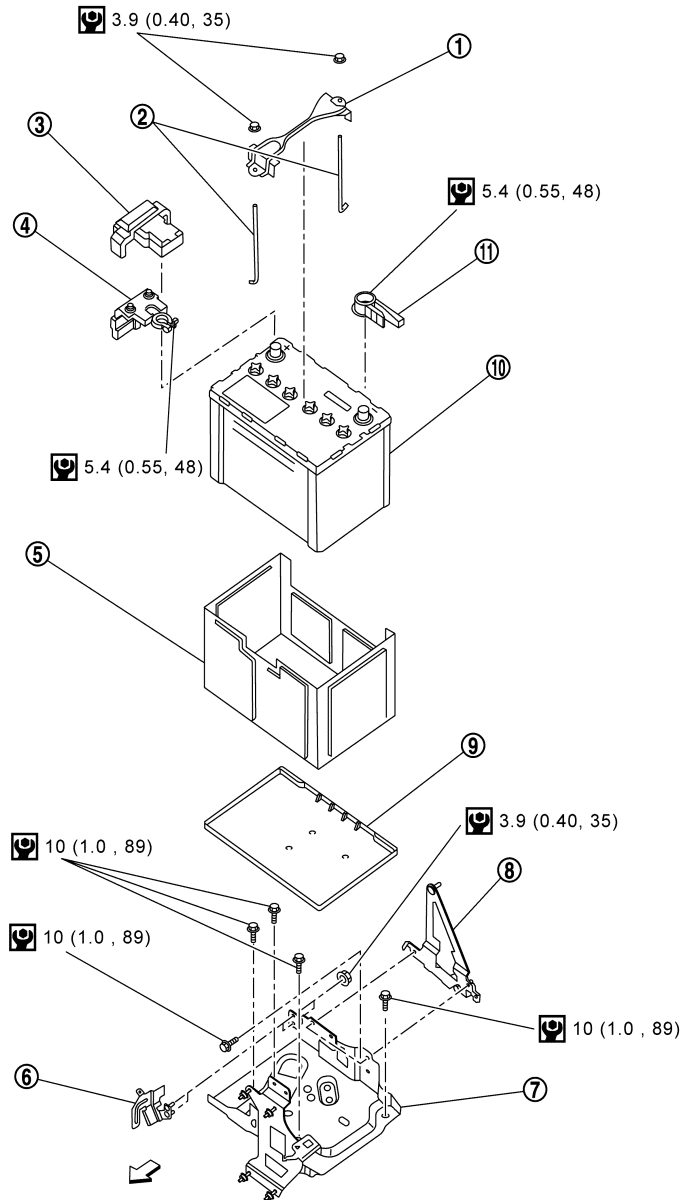
< REMOVAL AND INSTALLATION >

EXCEPT FOR R9M : Exploded View

INFOID:0000000010763414

MR20DD engine models

SEC. 226•240•244




JSMIA1856GB

- | | | |
|--------------------------------------|-----------------------------|-----------------------------------|
| ① Battery fix frame | ② Battery fix rod | ③ Battery positive terminal cover |
| ④ Battery terminal with fusible link | ⑤ Battery cover | ⑥ Battery tray harness clamp |
| ⑦ Battery tray | ⑧ TCM mounting bracket | ⑨ Battery under cover |
| ⑩ Battery | ⑪ Battery negative terminal | |

BATTERY TRAY

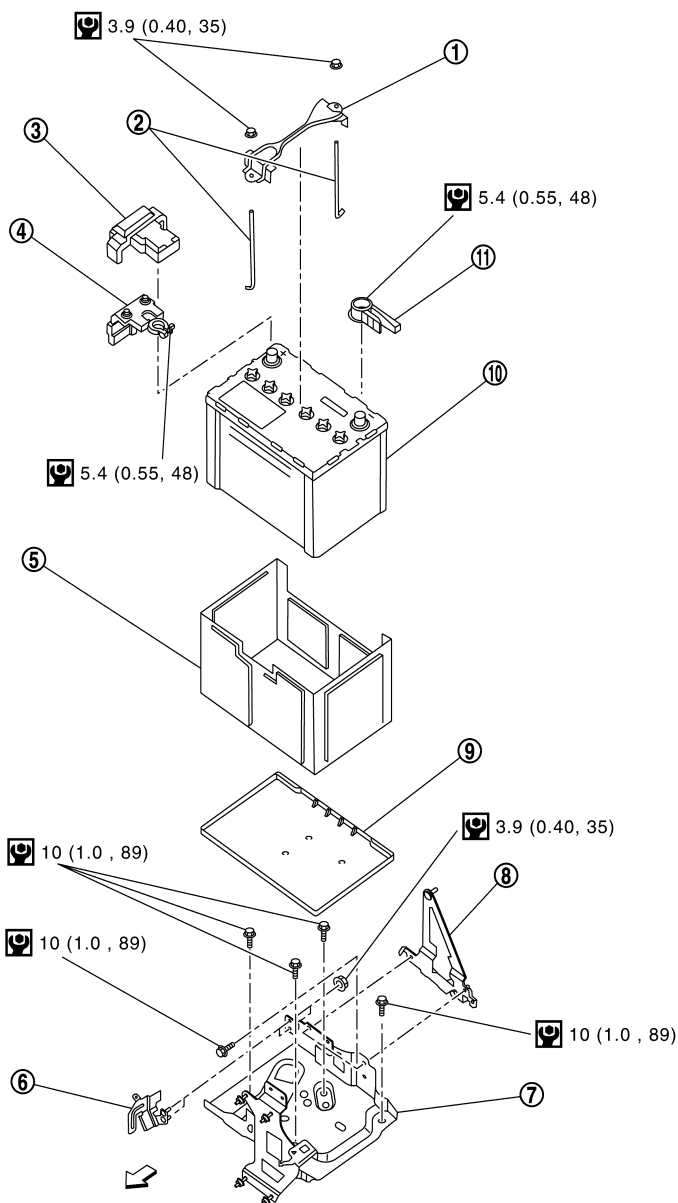
< REMOVAL AND INSTALLATION >

 : N·m (kg-m, in-lb)

 : Vehicle front

QR25DE engine models

SEC. 226•240•244




- | | | |
|--------------------------------------|-------------------|-----------------------------------|
| ① Battery fix frame | ② Battery fix rod | ③ Battery positive terminal cover |
| ④ Battery terminal with fusible link | ⑤ Battery cover | ⑥ Battery tray harness clamp |

BATTERY TRAY

< REMOVAL AND INSTALLATION >

- ⑦ Battery tray
- ⑧ TCM mounting bracket
- ⑨ Battery under cover
- ⑩ Battery
- ⑪ Battery negative terminal

 : N·m (kg·m, in·lb)

 : Vehicle front

EXCEPT FOR R9M : Removal and Installation

INFOID:0000000010709239

REMOVAL

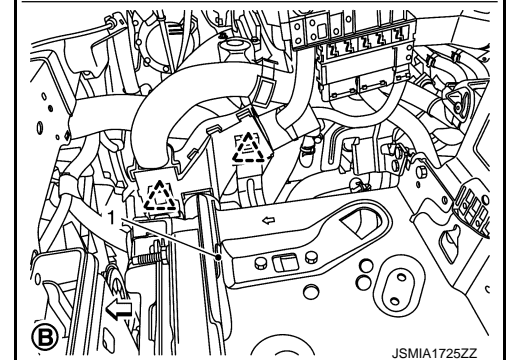
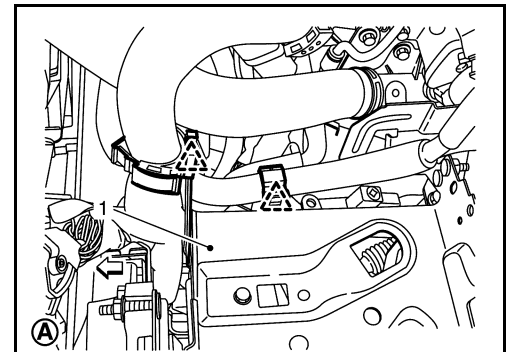
1. Remove battery. Refer to : [PG-142, "EXCEPT FOR R9M : Removal and Installation"](#).
2. Remove air duct. Refer to : [EM-31, "Removal and Installation"](#) (MR20DD engine models) or [EM-175, "Removal and Installation"](#) (QR25DE engine models).
3. Remove battery tray under cover.
4. Remove barometric pressure sensor. (If equipped)
5. Disengage wiring harness fixing pawls from battery tray.

Ⓐ : MR20DD engine models

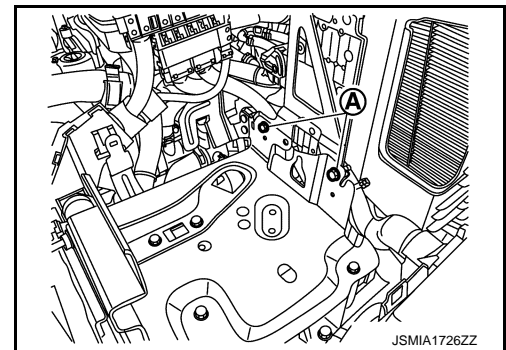
Ⓑ : QR25DE engine models

△ : QR25DE engine models

 : Vehicle front



6. Remove TCM mounting bolts Ⓐ from battery tray.

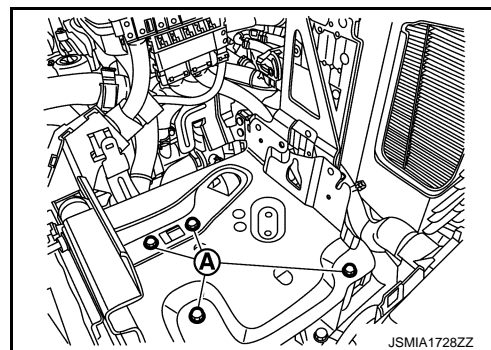


7. Remove ECM. Refer to : [EC-430, "Removal and Installation"](#) (MR20DD engine models) or [EC-806, "Removal and Installation"](#) (QR25DE engine models).

BATTERY TRAY

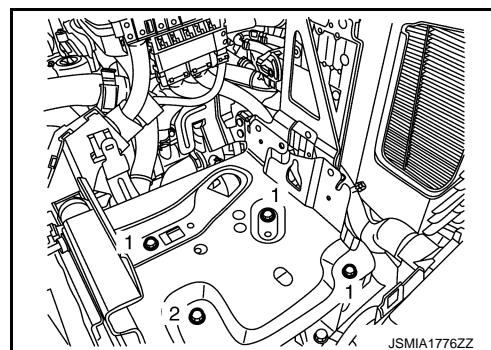
< REMOVAL AND INSTALLATION >

8. Remove battery tray mounting bolts (A).



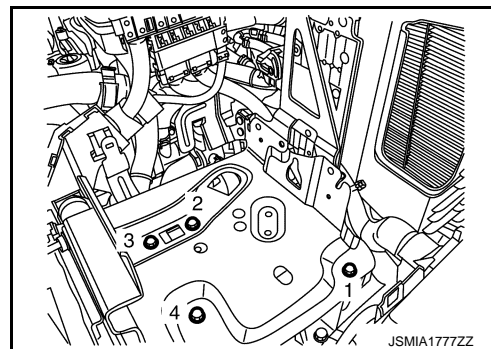
INSTALLATION

1. Install bolts to battery tray.
(MR20DD engine models)
 - Temporarily tighten bolts 1.
 - Tighten bolt 2 to the specified torque.
 - Tighten bolts 1 to the specified torque.



(QR25DE engine models)

- Temporarily tighten bolt 1.
 - Tighten bolts to the specified torque in the order of 2→3→4.
 - Tighten bolt 1 to the specified torque.
2. Install in the reverse order of removal.



PG

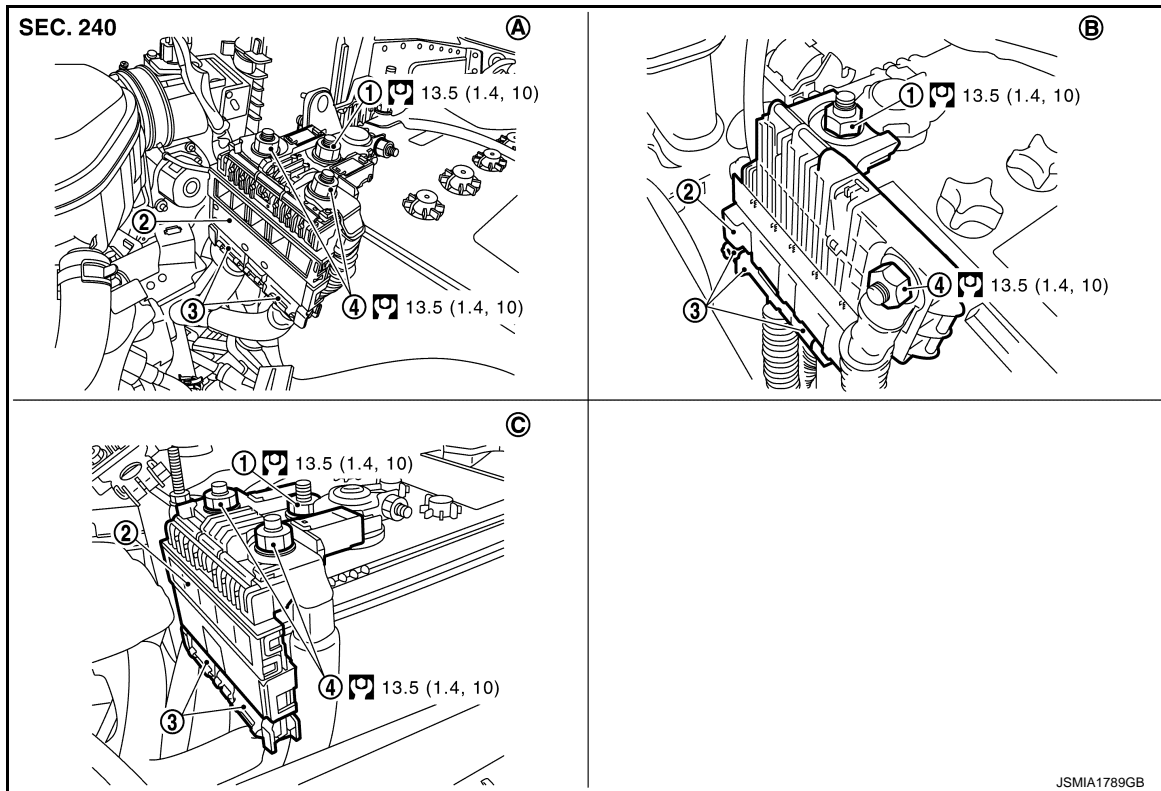
BATTERY TERMINAL WITH FUSIBLE LINK

< REMOVAL AND INSTALLATION >

BATTERY TERMINAL WITH FUSIBLE LINK

Exploded View

INFOID:0000000010709240



- ① : Fusible link holder mounting nut ② : Battery terminal with fusible link ③ : Harness connector
④ : Harness mounting nut
A : MR20DD engine models
B : QR25DE engine models
C : R9M engine models
Ⓜ : N·m (kg·m, ft·lb)

Removal and Installation

INFOID:0000000010709241

REMOVAL

1. Disconnect the battery cable from the negative terminal. Refer to : [PG-138, "R9M : Exploded View"](#) (R9M engine models) or [PG-140, "EXCEPT FOR R9M : Exploded View"](#) (except for R9M engine models).
CAUTION:
To prevent damage to the parts, disconnect the battery cable from the negative terminal first.
2. Remove cover of battery positive terminal.
3. Disconnect the battery cable from the positive terminal. Refer to [PG-138, "R9M : Exploded View"](#) (R9M engine models) or [PG-140, "EXCEPT FOR R9M : Exploded View"](#) (except for R9M engine models).
4. Remove harness mounting nut and battery terminal with fusible link mounting nut.
5. Disconnect harness connector and remove battery terminal with fusible link.

INSTALLATION

Install in the reverse order of removal.

CAUTION:

To prevent damage to the parts, connect the battery cable to the positive terminal first.

BATTERY CURRENT SENSOR


< REMOVAL AND INSTALLATION >

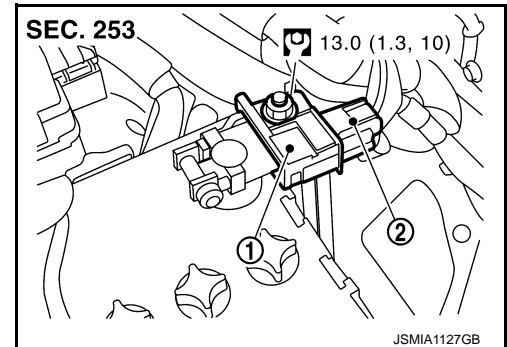
BATTERY CURRENT SENSOR

R9M

R9M : Exploded View

INFOID:0000000010713257

- ① : Battery current sensor
(With battery temperature sensor)
- ② : Harness connector
-  : N·m (kg-m, ft-lb)



R9M : Removal and Installation

INFOID:0000000010713258

REMOVAL

1. Disconnect the battery cable from the negative terminal. Refer to [PG-138, "R9M : Exploded View"](#).
2. Disconnect the battery current sensor connector.
3. Remove the battery current sensor mounting nut.
4. Remove the battery current sensor from battery cable.

INSTALLATION

Install in the reverse order of removal.

PG

SERVICE DATA AND SPECIFICATIONS (SDS)

< SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

Battery

INFOID:0000000010713252

R9M

| | | |
|---------------------------------------------|----------|---------|
| Type | | S-95 |
| 20 hour rate capacity | [V – Ah] | 12 – 75 |
| Cold cranking current (For reference value) | [A] | 660 |

CAUTION:

It is mandatory to always use a battery designed for the stop/start system. Failure to do this causes early deterioration or system malfunction.

EXCEPT FOR R9M

| | | |
|---------------------------------------------|----------|---------|
| Type | | 80D23L |
| 20 hour rate capacity | [V – Ah] | 12 – 62 |
| Cold cranking current (For reference value) | [A] | 582 |