

SECTION **PG**

POWER SUPPLY, GROUND & CIRCUIT ELEMENTS

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PRECAUTIONS

< PRECAUTION >

PRECAUTION

PRECAUTIONS

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

INFOID:0000000012199768

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. This system includes seat belt switch inputs and dual stage front air bag modules. The SRS system uses the seat belt switches to determine the front air bag deployment, and may only deploy one front air bag, depending on the severity of a collision and whether the front occupants are belted or unbelted. Information necessary to service the system safely is included in the SR and SB section of this Service Manual.

WARNING:

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, it is recommended that all maintenance and repair be performed by an authorized NISSAN/INFINITI dealer.
- Improper repair, 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 the SR section.
- Do not 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

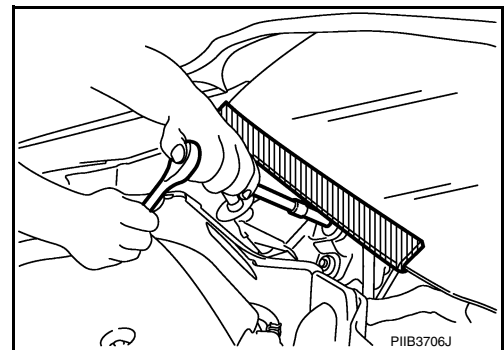
WARNING:

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the Ignition ON or engine running, DO NOT 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 or batteries, and wait at least three minutes before performing any service.

Precaution for Procedure without Cowl Top Cover

INFOID:0000000012998190

When performing the procedure after removing cowl top cover, cover the lower end of windshield with urethane, etc to prevent damage to windshield.



Precautions for Removing Battery Terminal

INFOID:0000000012998091

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

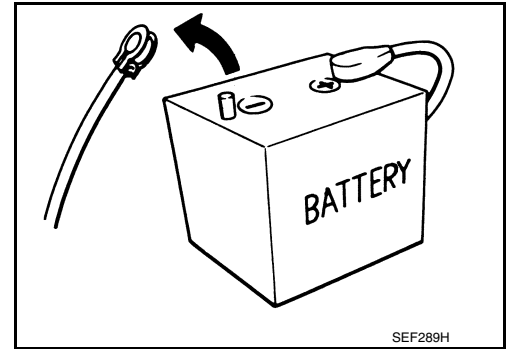
- Always use a 12V battery as power source.
- Never disconnect battery terminal while engine is running.

PRECAUTIONS

< PRECAUTION >

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

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



NOTE:

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

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

NOTE:

- Turbocharger cooling pump may operate in a few minutes after the ignition switch is turned OFF.
- Example of high-load driving
 - Driving for 30 minutes or more at 140 km/h (86 MPH) or more.
 - Driving for 30 minutes or more on a steep slope.
- For vehicles with the 2-batteries, be sure to connect the main battery and the sub battery before turning ON the ignition switch.

NOTE:

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

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

NOTE:

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

PREPARATION


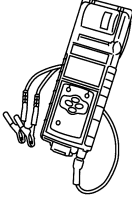
< PREPARATION >

PREPARATION

PREPARATION

Special Service Tools

INFOID:000000012199770

| Tool number (Techmate No.) Tool name | Description |
|---|--|
| <p>— (—) Model GR8-1200 NI Multitasking battery and electrical diagnostic station</p>  <p style="text-align: right; font-size: small;">AWI1A1239ZZ</p> | <p>Tests batteries, starting and charging systems and charges batteries. For operating instructions, refer to diagnostic station instruction manual.</p> |
| <p>— (—) Model EXP-800 NI Battery and electrical diagnostic analyzer</p>  <p style="text-align: right; font-size: small;">JSMIA0806ZZ</p> | <p>Tests batteries and charging systems. For operating instructions, refer to diagnostic analyzer instruction manual.</p> |

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COMPONENT PARTS

< SYSTEM DESCRIPTION >

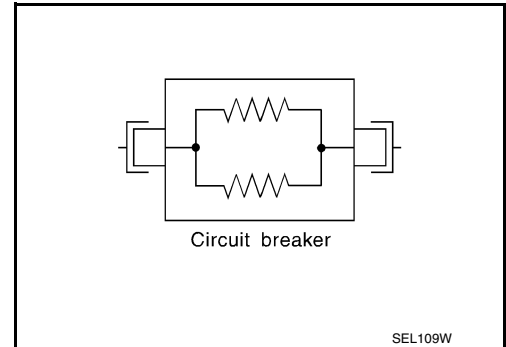
SYSTEM DESCRIPTION

COMPONENT PARTS

Circuit Breaker

INFOID:0000000012199771

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.



Battery

INFOID:0000000012199772

| | | |
|---|----------|------------|
| Type | | 80D23L-HR* |
| 20 hour rate capacity | [V – Ah] | 12 – 62 |
| Cold cranking current (For reference value) | [A] | 570 |

HR*: Because of the frequent battery charge/discharge performed according to a driving condition and a battery condition, this model uses a charge/discharge capacity-enhanced battery. Therefore, it is recommended to use a genuine battery when replacement is needed.

Harness Connector

INFOID:0000000012199773

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.

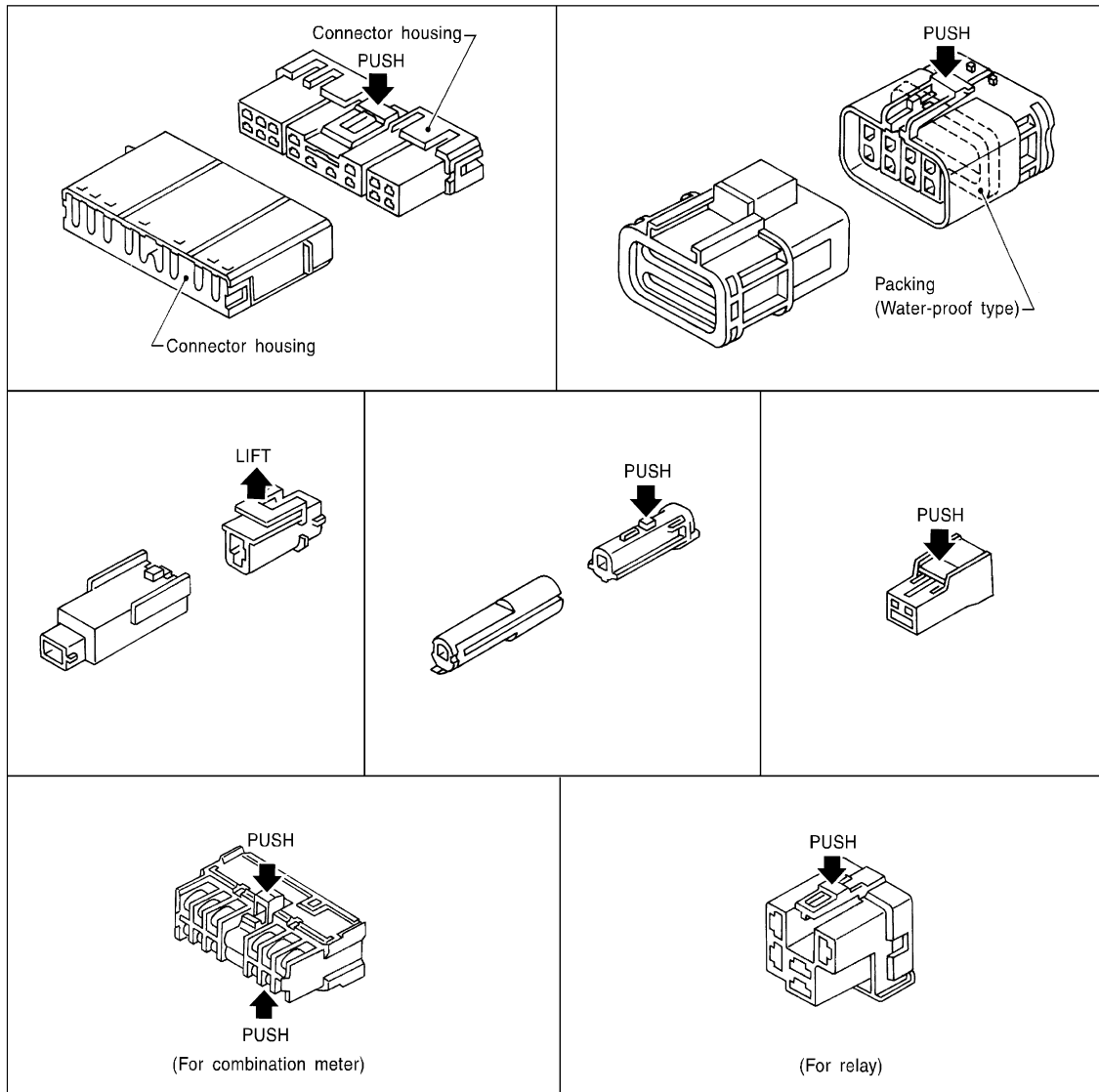
CAUTION:

Never pull the harness or wires when disconnecting the connector.

COMPONENT PARTS

< SYSTEM DESCRIPTION >

[Example]



SEL769DA

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:

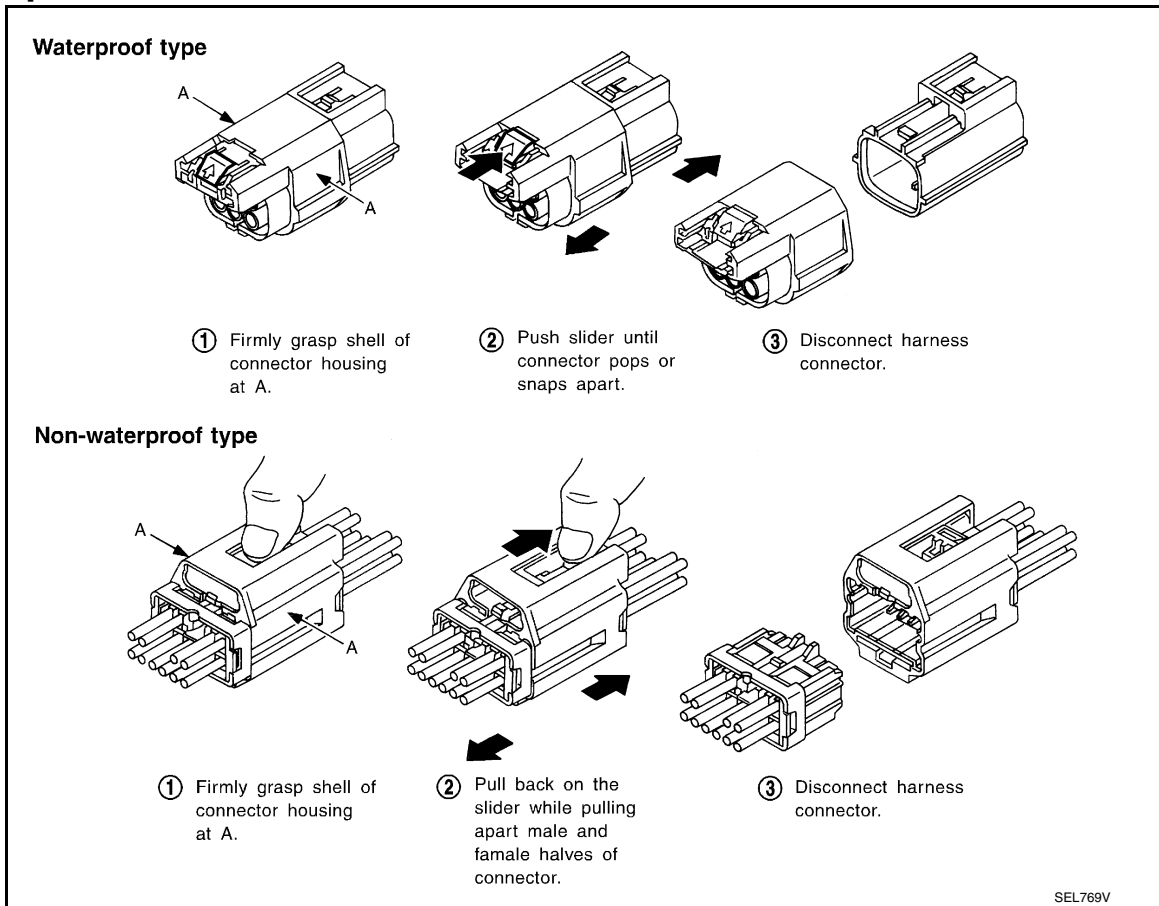
- **Never pull the harness or wires when disconnecting the connector.**
- **Be careful not to damage the connector support bracket when disconnecting the connector.**

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COMPONENT PARTS

< SYSTEM DESCRIPTION >

[Example]



HARNESS CONNECTOR (LEVER LOCKING TYPE)

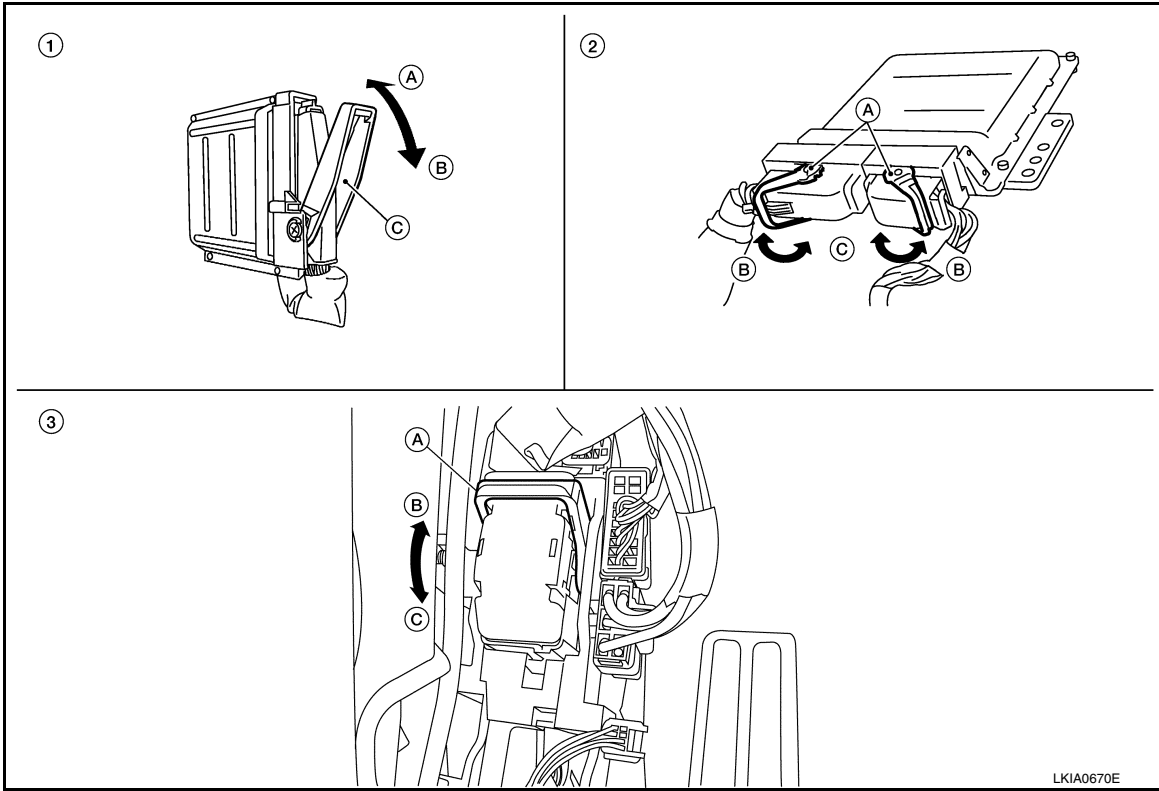
- Lever locking type harness connectors are used on certain control units and control modules such as ECM, ABS actuator and electric unit (control unit), etc.
- Lever locking type harness connectors are also used on super multiple junction (SMJ) connectors.
- Always confirm the lever is fully locked 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.



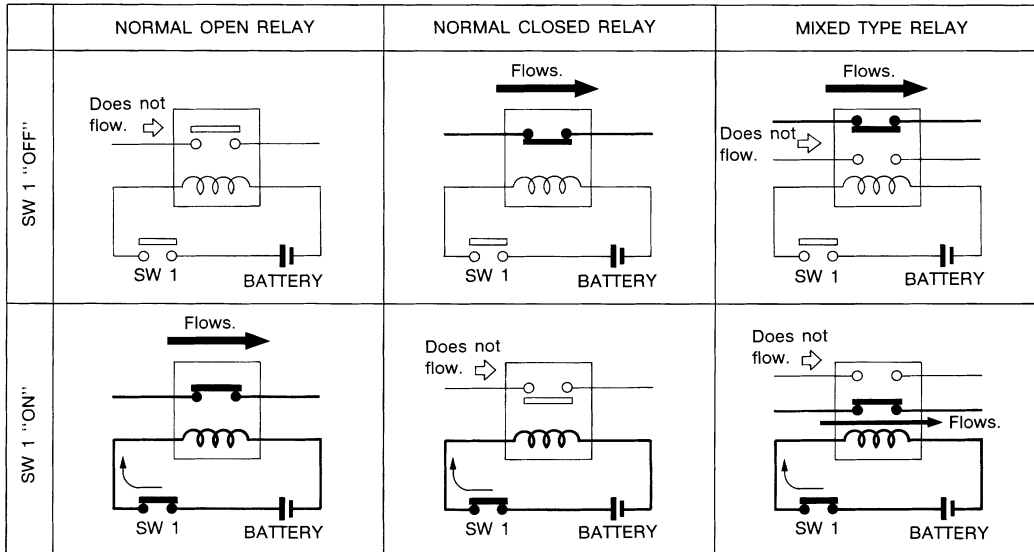
- | | | |
|--|--|---|
| <p>1. Control unit with single lever</p> <p>A. Fasten</p> <p>B. Loosen</p> <p>C. Lever</p> | <p>2. Control unit with dual levers</p> <p>A. Levers</p> <p>B. Fasten</p> <p>C. Loosen</p> | <p>3. SMJ connector</p> <p>A. Lever</p> <p>B. Fasten</p> <p>C. Loosen</p> |
|--|--|---|

Standardized Relay

INFOID:000000012199774

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

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COMPONENT PARTS

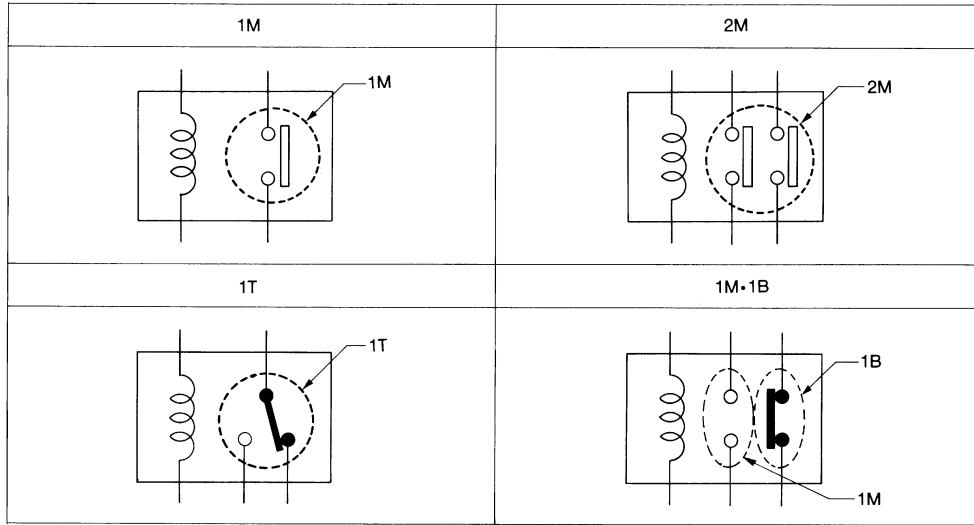
< SYSTEM DESCRIPTION >

1M 1 Make

2M 2 Make

1T 1 Transfer

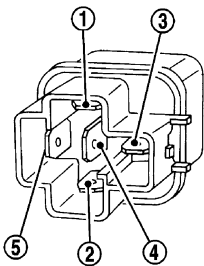
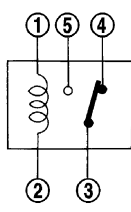
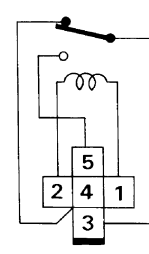
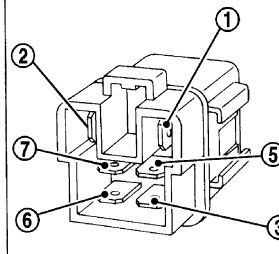
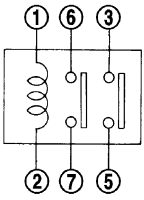
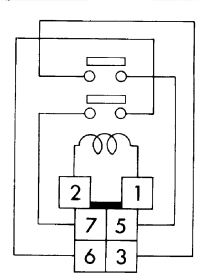
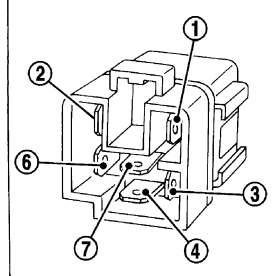
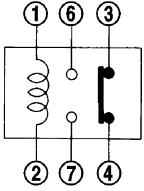
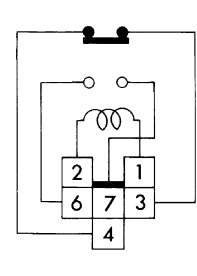
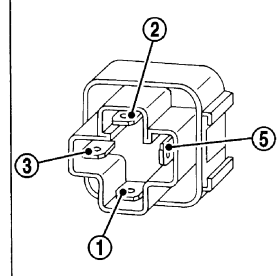
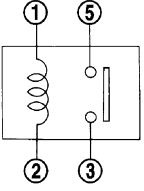
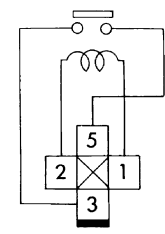
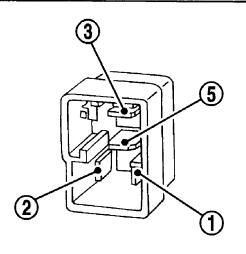
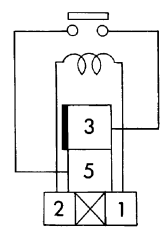
1M·1B 1 Make 1 Break



SEL882H

COMPONENT PARTS

< SYSTEM DESCRIPTION >

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

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

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POWER SUPPLY ROUTING CIRCUIT

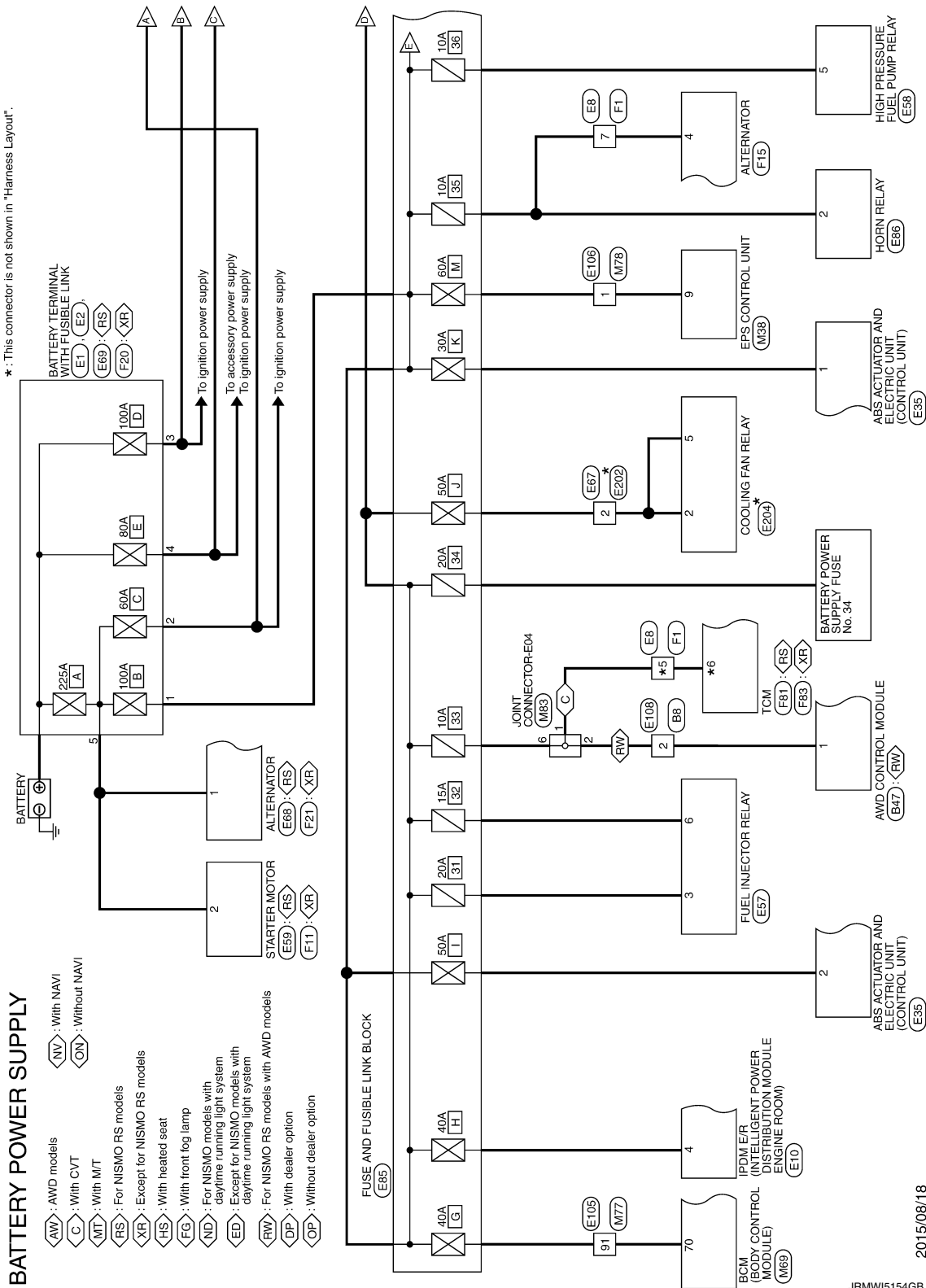
< WIRING DIAGRAM >

WIRING DIAGRAM

POWER SUPPLY ROUTING CIRCUIT

Wiring Diagram - BATTERY POWER SUPPLY -

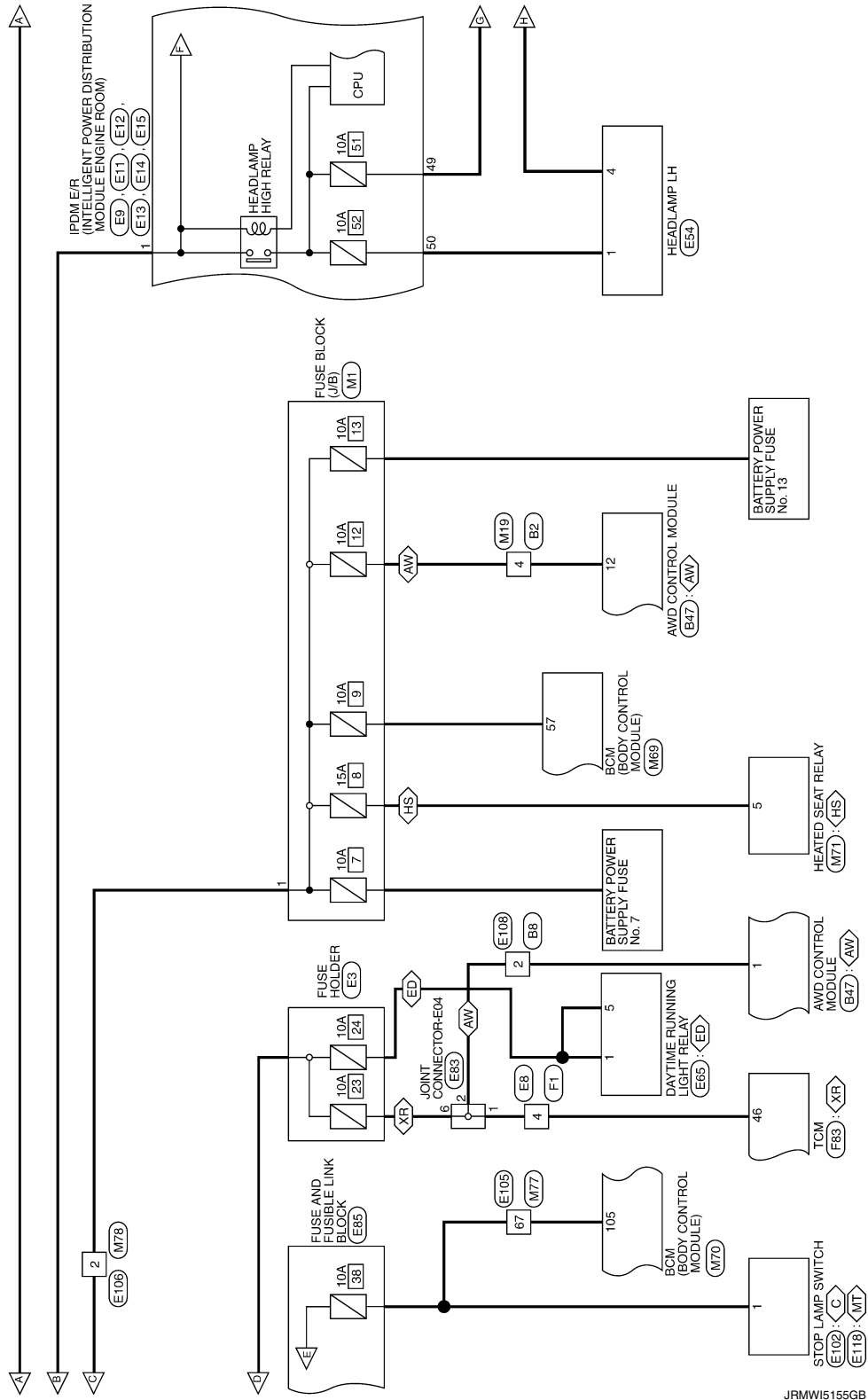
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

- *5 4 : <RS>
- 14 : <XR>
- *6 47 : <RS>
- 45 : <XR>



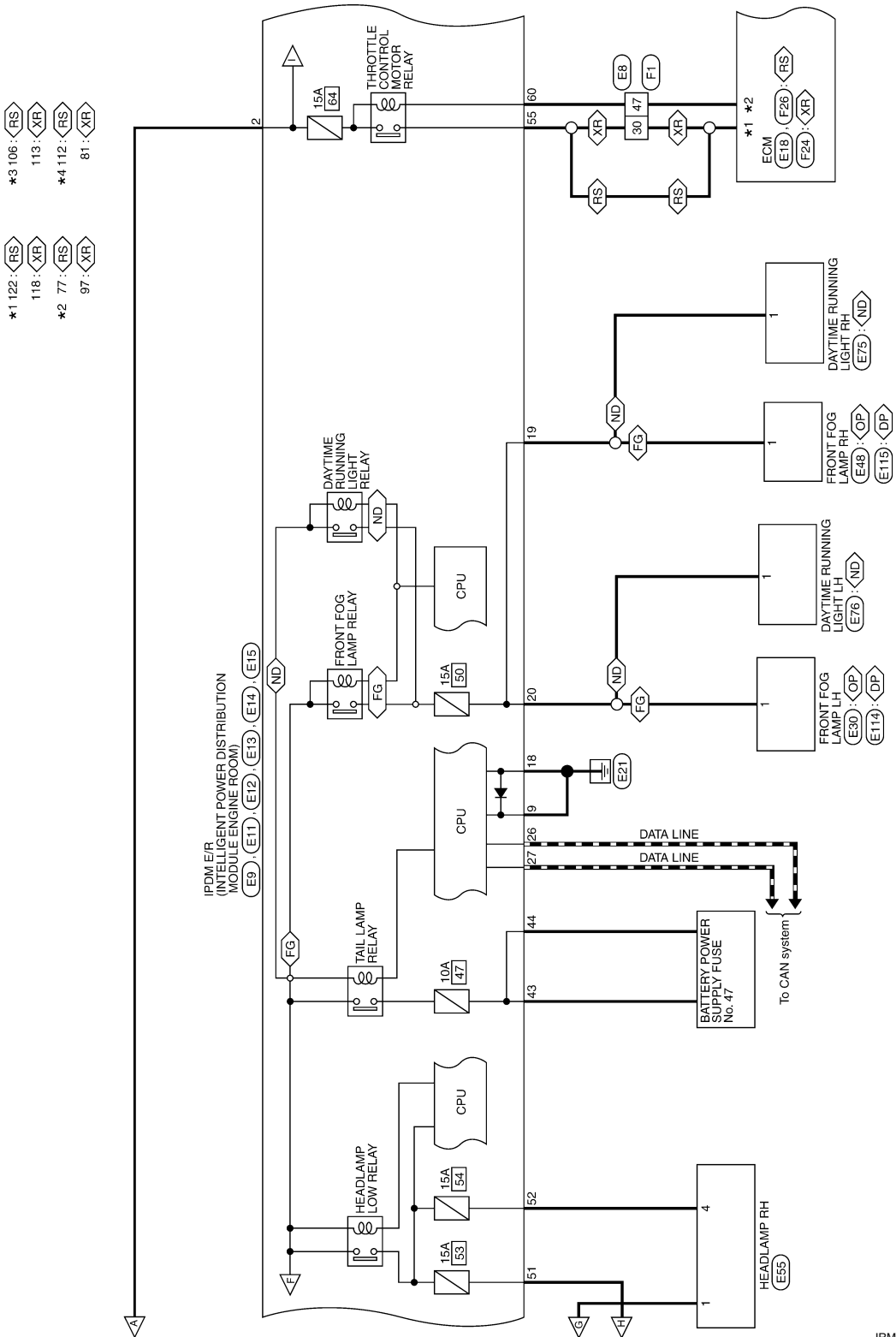
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



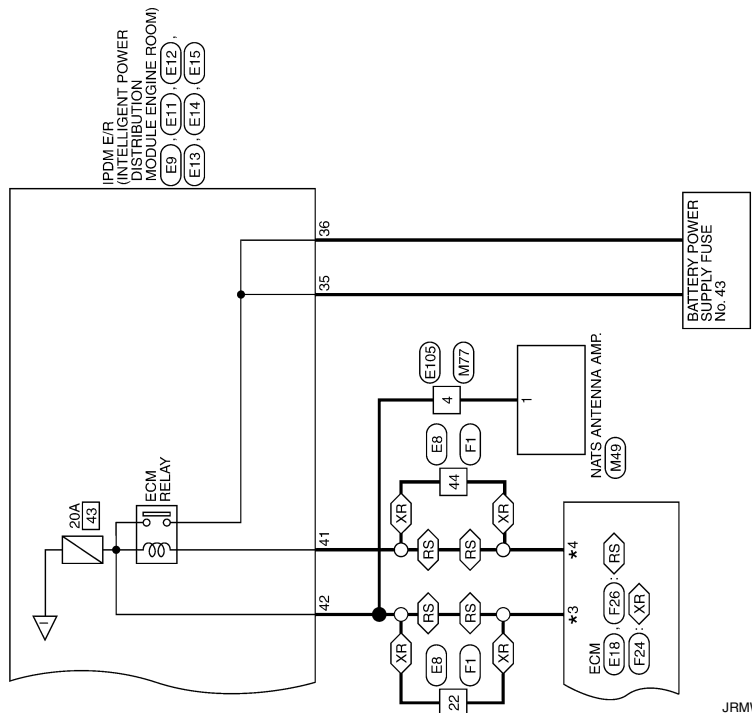
*3 106 : < RS >
113 : < XR >
*4 112 : < RS >
81 : < XR >

*1 122 : < RS >
118 : < XR >
*2 77 : < RS >
97 : < XR >

JRMW15156GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



JRMW1517GB

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|--------------|
| Connector No. | 182 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS04PW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | LG | - |
| 2 | L | - |
| 4 | Y | - |
| 7 | V | - |
| 9 | SB | - |
| 10 | V | - |
| 11 | Y | - |
| 12 | GR | - |
| 14 | P | - |
| 15 | L | - |
| 16 | G | - |

| | |
|----------------|--------------|
| Connector No. | 188 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS04PW-CS |



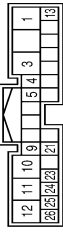
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | - |
| 2 | GR | - |
| 3 | L | - |
| 4 | R | - |

| | |
|----------------|-------------------------------|
| Connector No. | 181 |
| Connector Name | EMP CENTER VENT CONTROL VALVE |
| Connector Type | 10D3EP-BS |



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

| | |
|----------------|--------------------|
| Connector No. | B47 |
| Connector Name | AWD CONTROL MODULE |
| Connector Type | TH20FW-7B6 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | GR | BATTERY |
| 3 | LG | IGN SW |
| 4 | L | CAN H |
| 5 | P | CAN L |
| 9 | W | AWD-V SW |
| 10 | B | GND |
| 11 | B | GND |
| 12 | Y | SOL BAT |
| 13 | G | 2WD SW |
| 21 | Y | AWD SW |
| 23 | R | AWD SOL+ |
| 24 | V | AWD SOL- |
| 25 | W | AWD SOL R+ |
| 26 | Y | AWD SOL R- |

| | |
|----------------|--------------------------|
| Connector No. | 159 |
| Connector Name | REAR COMBINATION LAMP RH |
| Connector Type | NS06PW-CS |



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

| | |
|----------------|-----------|
| Connector No. | B74 |
| Connector Name | WOODER |
| Connector Type | NS06FW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | SB | BATTERY |
| 2 | G | SOUND SIGNAL WOODER (+) |
| 3 | B | GND |
| 4 | Y | WOODERAMP_ON SIGNAL |
| 5 | SHIELD | SHIELD |
| 6 | R | SOUND SIGNAL WOODER (-) |

| | |
|----------------|--------------------------|
| Connector No. | 180 |
| Connector Name | REAR COMBINATION LAMP LH |
| Connector Type | NS06PW-CS |



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

| | |
|----------------|-------------------------|
| Connector No. | D107 |
| Connector Name | BACK DOOR OPENER SWITCH |
| Connector Type | TK06MW-1V |



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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|------------------------------------|
| Connector No. | E1 |
| Connector Name | BATTERY TERMINAL WITH FUSIBLE LINK |
| Connector Type | LD2FER-MC |



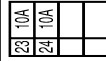
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 3 | R | - |
| 4 | W | - |

| | |
|----------------|------------------------------------|
| Connector No. | E2 |
| Connector Name | BATTERY TERMINAL WITH FUSIBLE LINK |
| Connector Type | LD2FER-MC |



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

| | |
|----------------|-------------|
| Connector No. | E3 |
| Connector Name | FUSE HOLDER |
| Connector Type | 2438E_5P600 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 23 | V | - |
| 24 | LG | - |

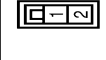
| | |
|----------------|-------------------|
| Connector No. | E8 |
| Connector Name | WIRE TO WIRE |
| Connector Type | 5MA36MB-RS10-SZ22 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 2 | L | - |
| 3 | O | - |
| 4 | LG | - [For NISMO RS] |
| 5 | V | - [Except for NISMO RS] |
| 7 | BR | - |
| 10 | R | - |
| 11 | G | - [Except for NISMO RS] |
| 11 | O | - [For NISMO RS] |
| 12 | G | - |
| 13 | B | - [Except for NISMO RS] |
| 13 | Y | - [For NISMO RS] |
| 14 | L | - [For NISMO RS] |
| 14 | LG | - [Except for NISMO RS] |
| 15 | R | - |
| 16 | SB | - |
| 17 | GR | - |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 18 | W | - |
| 19 | L/B | - |
| 20 | L/W | - |
| 21 | G | - |
| 22 | Y | - [For NISMO RS] |
| 22 | Y | - [Except for NISMO RS] |
| 23 | B | - [Except for NISMO RS] |
| 23 | B | - [For NISMO RS] |
| 24 | P | - [For NISMO RS] |
| 25 | R | - |
| 26 | B | - |
| 27 | B | - |
| 28 | LG | - |
| 29 | SB | - |
| 30 | G | - [Except for NISMO RS] |
| 30 | P | - [For NISMO RS] |
| 31 | G | - |
| 32 | Y | - |
| 33 | BR | - |
| 34 | P | - [Except for NISMO RS] |
| 34 | W | - [For NISMO RS] |
| 37 | L | - [Without Intelligent Key] |
| 37 | LG | - [With Intelligent Key] |
| 38 | SB | - |
| 39 | B | - |
| 40 | P | - |
| 41 | V | - |
| 42 | L | - |
| 43 | BR | - [For NISMO RS] |
| 43 | W | - [Except for NISMO RS] |
| 44 | BR | - [Except for NISMO RS] |
| 44 | W | - [For NISMO RS] |
| 45 | BR | - |
| 46 | Y | - |
| 47 | SB | - |
| 48 | LG | - [With Intelligent Key] |
| 48 | Y | - [Without Intelligent Key] |

| | |
|----------------|---|
| Connector No. | E9 |
| Connector Name | POWER INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM |
| Connector Type | LD2FER-MC |



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

| | |
|----------------|---|
| Connector No. | E10 |
| Connector Name | POWER INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM |
| Connector Type | IM66FM-LC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 5 | P | - |
| 4 | P | - |
| 5 | LG | - |
| 7 | Y | - |
| 8 | W/R | - |

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

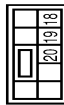
BATTERY POWER SUPPLY

| | |
|----------------|---------------------------------------|
| Connector No. | E11 |
| Connector Name | POWER DISTRIBUTION MODULE ENGINE ROOM |
| Connector Type | MS08FBC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 9 | B/Y | - |
| 10 | L | - |
| 14 | R | - |

| | |
|----------------|---------------------------------------|
| Connector No. | E12 |
| Connector Name | POWER DISTRIBUTION MODULE ENGINE ROOM |
| Connector Type | MS08FBC |



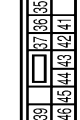
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 18 | GR | - |
| 19 | R | - [Without front fog lamp] |
| 19 | W | - [With front fog lamp] |
| 20 | G | - [Without front fog lamp] |
| 20 | V | - [With front fog lamp] |

| | |
|----------------|---------------------------------------|
| Connector No. | E13 |
| Connector Name | POWER DISTRIBUTION MODULE ENGINE ROOM |
| Connector Type | TH123V-4M |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 23 | SB | - |
| 25 | BR | - |
| 26 | P | - |
| 27 | L | - |
| 28 | Y | - |
| 30 | V | - |
| 31 | Y | - |
| 32 | R | - |
| 33 | G | - |
| 34 | L | - |

| | |
|----------------|---------------------------------------|
| Connector No. | E14 |
| Connector Name | POWER DISTRIBUTION MODULE ENGINE ROOM |
| Connector Type | MS22FBC |



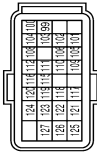
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 35 | G | - |
| 36 | P | - |
| 37 | L | - |
| 39 | L | - |
| 41 | BR | - |
| 42 | Y | - |
| 43 | L | - |
| 44 | BR | - |
| 45 | W | - |
| 46 | LG | - |

| | |
|----------------|---------------------------------------|
| Connector No. | E15 |
| Connector Name | POWER DISTRIBUTION MODULE ENGINE ROOM |
| Connector Type | MS34FV-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 48 | BR | - |
| 49 | Y | - |
| 50 | G | - |
| 51 | L | - |
| 52 | P | - |
| 54 | P | - |
| 55 | G | - |
| 56 | SB | - |
| 57 | O | - |
| 59 | V | - |
| 60 | SB | - |
| 61 | LG | - |
| 62 | BR | - |

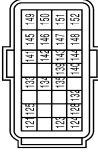
| | |
|----------------|-----------------|
| Connector No. | E16 |
| Connector Name | ECM |
| Connector Type | RH24EG-826-R-8H |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 99 | P | CAN COMMUNICATION LINE (CAN-L) |
| 100 | L | CAN COMMUNICATION LINE (CAN-H) |
| 101 | V | SENSOR POWER SUPPLY |
| 102 | R | ACCELERATOR PEDAL POSITION SENSOR 1 PNP SIGNAL |
| 104 | R | DATA LINK CONNECTOR |

| | | |
|-----|----|-------------------------------------|
| 105 | GR | SENSOR GROUND |
| 106 | GR | POWER SUPPLY FOR ECM (BACKUP) |
| 108 | GR | CLUTCH PEDAL POSITION SWITCH |
| 109 | O | IGNITION SWITCH |
| 110 | P | ASCO STEERING SWITCH |
| 111 | R | SENSOR GROUND |
| 112 | BR | ECM RELAY (SET, SHUT OFF) |
| 115 | R | STOP LAMP SWITCH |
| 116 | G | BRAKE PEDAL POSITION SWITCH |
| 117 | Y | FUEL PUMP RELAY |
| 118 | O | SENSOR POWER SUPPLY |
| 119 | W | ACCELERATOR PEDAL POSITION SENSOR 2 |
| 120 | Y | SENSOR GROUND |
| 121 | G | POWER SUPPLY FOR ECM |
| 122 | G | THROTTLE CONTROL MOTOR POWER SUPPLY |
| 123 | GR | ECM GROUND |
| 124 | GR | ECM GROUND |
| 125 | L | A/F SENSOR 1 HEATER |
| 126 | W | HEATED OXYGEN SENSOR 2 HEATER |
| 127 | GR | ECM GROUND |

| | |
|----------------|-----------------|
| Connector No. | E19 |
| Connector Name | ECM |
| Connector Type | RH24FB-R28-L-1H |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-------------------------------------|
| 121 | L | EVAP CONTROL SYSTEM PRESSURE SENSOR |
| 123 | P | CAN COMMUNICATION LINE (CAN-L) |
| 124 | L | CAN COMMUNICATION LINE (CAN-H) |
| 125 | G | SENSOR POWER SUPPLY |
| 128 | SB | FUEL TANK TEMPERATURE SENSOR |
| 132 | GR | CLUTCH PEDAL POSITION SWITCH |
| 133 | LG | IGNITION SWITCH |
| 134 | P | ASCO STEERING SWITCH |
| 135 | B | SENSOR GROUND |
| 139 | R | STOP LAMP SWITCH |
| 140 | G | BRAKE PEDAL POSITION SWITCH |
| 141 | L | EVAP CANISTER VENT CONTROL VALVE |
| 142 | O | SENSOR POWER SUPPLY |
| 143 | W | ACCELERATOR PEDAL POSITION SENSOR 2 |

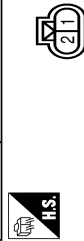
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

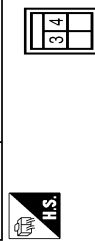
| | | |
|-----|----|-------------------------------------|
| 144 | Y | SENSOR GROUND |
| 145 | G | POWER SUPPLY FOR ECM |
| 146 | GR | SENSOR POWER SUPPLY |
| 147 | GR | SENSOR GROUND |
| 148 | GR | SENSOR GROUND |
| 149 | GR | ECM GROUND |
| 150 | R | ACCELERATOR PEDAL POSITION SENSOR 1 |
| 151 | GR | SENSOR GROUND |
| 152 | GR | ECM GROUND |

| | |
|----------------|-----------------|
| Connector No. | E28 |
| Connector Name | PARKING LAMP LH |
| Connector Type | RSQ2FGY |



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

| | |
|----------------|-------------------------|
| Connector No. | E29 |
| Connector Name | CLUTCH INTERLOCK SWITCH |
| Connector Type | MDPFWLC |



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

| | |
|----------------|-------------------|
| Connector No. | E30 |
| Connector Name | FRONT FOG LAMP LH |
| Connector Type | FDZ2FB |



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

| | |
|----------------|---------------------------|
| Connector No. | E31 |
| Connector Name | FRONT SIDE MARKER LAMP LH |
| Connector Type | TDZFB |



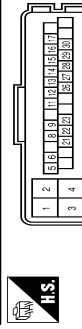
| | | |
|--------------|---------------|-----------------------------|
| Terminal No. | Color Of Wire | Signal Name [Specification] |
| 1 | W | - |
| 2 | BR | - |

| | |
|----------------|---------------------------|
| Connector No. | E32 |
| Connector Name | FRONT SIDE MARKER LAMP RH |
| Connector Type | TDZFB |



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

| | |
|----------------|---|
| Connector No. | E35 |
| Connector Name | ABS ELECTRONIC AMPLIFIER ELECTRIC UNIT (CONTROL UNIT) |
| Connector Type | RH28FB-NJ4-LH |



| | | |
|--------------|---------------|-----------------------------|
| Terminal No. | Color Of Wire | Signal Name [Specification] |
| 1 | W | BAT (MTR) |
| 2 | L | BAT (SOL) |
| 3 | B | GND (SOL) |
| 4 | B | GND (MTR) |
| 5 | R | VDC OFF SW |
| 6 | G | ASCD CANCEL SW |
| 8 | R | STOP LAMP SW |
| 9 | P | CAN-L |
| 11 | BR | DP FR |
| 12 | W | DS FR |
| 13 | G | VCC |
| 14 | R | SERIAL+ |
| 15 | Y | DS BR |
| 16 | V | IGN |
| 17 | W | REVERSE SIGNAL |
| 21 | Y | DP FR |
| 22 | L | CAN-H |
| 23 | LG | DP FL |

| | | |
|----|----|----------------|
| 26 | G | RR LH SENS VB |
| 27 | BR | DS FL |
| 28 | R | SENS |
| 29 | BE | RR LH SENS SIG |

| | |
|----------------|-----------------|
| Connector No. | E44 |
| Connector Name | PARKING LAMP RH |
| Connector Type | RSQ2FGY |



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

| | |
|----------------|-------------------|
| Connector No. | E48 |
| Connector Name | FRONT FOG LAMP RH |
| Connector Type | FDZ2FB |



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|-------------|
| Connector No. | E54 |
| Connector Name | HEADLAMP LH |
| Connector Type | RS04FGY-PR |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | - |
| 2 | B | - [With halogen lamp] |
| 3 | GR | - [With xenon lamp] |
| 4 | L | - |

| | |
|----------------|-------------|
| Connector No. | E55 |
| Connector Name | HEADLAMP RH |
| Connector Type | RS04FGY-PR |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 1 | Y | - |
| 2 | B | - [With halogen lamp] |
| 3 | GR | - [With xenon lamp] |
| 3 | GR | - [Without daytime running light system] [With halogen lamp] |
| 3 | GR | - [Without daytime running light system] [With xenon lamp] |
| 4 | P | - [With daytime running light system] |

| | |
|----------------|---------------------|
| Connector No. | E57 |
| Connector Name | FUEL INJECTOR RELAY |
| Connector Type | MS06BR4-LC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | - |
| 2 | GR | - |
| 3 | Y | - |
| 5 | L/B | - |
| 6 | BR | - |
| 7 | L/W | - |

| | |
|----------------|-------------------------------|
| Connector No. | E58 |
| Connector Name | HIGH PRESSURE FUEL PUMP RELAY |
| Connector Type | MS02FL-M2-LC |



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

| | |
|----------------|---------------|
| Connector No. | E59 |
| Connector Name | STARTER MOTOR |
| Connector Type | 24340_E003B |



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

| | |
|----------------|-----------------------------|
| Connector No. | E65 |
| Connector Name | DAYTIME RUNNING LIGHT RELAY |
| Connector Type | MS03FB-M2-LC |



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

| | |
|----------------|--------------|
| Connector No. | E67 |
| Connector Name | WIRE TO WIRE |
| Connector Type | MS03FB |



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

| | |
|----------------|-------------|
| Connector No. | E68 |
| Connector Name | ALTERNATOR |
| Connector Type | 24340_E5F45 |



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

| | |
|----------------|-----------------------------------|
| Connector No. | E69 |
| Connector Name | BATTERY TERMINAL WITH USIBLE LINK |
| Connector Type | 24340_79906 |



JRMW15162GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

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

| Connector No. | Connector Name | Connector Type |
|---------------|--------------------------|----------------|
| E75 | DAYTIME RUNNING LIGHT RH | RS02FB |



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

| Connector No. | Connector Name | Connector Type |
|---------------|--------------------------|----------------|
| E75 | DAYTIME RUNNING LIGHT LH | RS02FB |



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

| Connector No. | Connector Name | Connector Type |
|---------------|-----------------------------|----------------|
| E85 | FUSE AND FUSIBLE LINK BLOCK | 24381_C90A |



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

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 31 | Y | - |
| 32 | BR | - |
| 33 | LG | - |
| 34 | R | - |
| 35 | BR | - |
| 36 | V | - |
| 38 | W | - |
| 39 | G | - |
| 40 | L | - |
| 41 | L | - |
| 42 | V | - |
| 43 | W | - |
| 44 | G | - |
| 45 | L | - |
| 46 | P | - |
| 47 | L | - |
| 48 | V | - |
| 49 | W | - |
| 50 | G | - |
| 51 | L | - |
| 52 | P | - |
| 53 | L | - |
| 54 | V | - |
| 55 | W | - |
| 56 | G | - |
| 57 | L | - |
| 58 | P | - |
| 59 | L | - |
| 60 | V | - |
| 61 | W | - |
| 62 | G | - |
| 63 | L | - |
| 64 | P | - |
| 65 | L | - |
| 66 | V | - |
| 67 | W | - |
| 68 | G | - |
| 69 | L | - |
| 70 | P | - |
| 71 | L | - |
| 72 | V | - |
| 73 | W | - |
| 74 | G | - |
| 75 | L | - |
| 76 | P | - |
| 77 | L | - |
| 78 | V | - |
| 79 | W | - |
| 80 | G | - |
| 81 | L | - |
| 82 | P | - |
| 83 | L | - |
| 84 | V | - |
| 85 | W | - |
| 86 | G | - |
| 87 | L | - |
| 88 | P | - |
| 89 | L | - |
| 90 | V | - |
| 91 | W | - |
| 92 | G | - |
| 93 | L | - |
| 94 | P | - |
| 95 | L | - |
| 96 | V | - |
| 97 | W | - |
| 98 | G | - |
| 99 | L | - |
| 100 | P | - |

| Connector No. | Connector Name | Connector Type |
|---------------|----------------|------------------|
| E86 | HORN RELAY | Relay_24381_C90A |



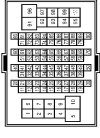
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 2 | BR | - |
| 3 | G | - |

| Connector No. | Connector Name | Connector Type |
|---------------|------------------|----------------|
| E102 | STOP LAMP SWITCH | MD4FWLC |



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

| Connector No. | Connector Name | Connector Type |
|---------------|----------------|-----------------|
| E105 | WIRE TO WIRE | TH80MW-C516-TM4 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 4 | Y | - |
| 6 | P | - |
| 10 | R | - |
| 11 | W | - |
| 12 | B | - |
| 13 | R | - |
| 14 | SHIELD | - |
| 34 | BE | - |
| 35 | R | - |
| 36 | B | - |
| 37 | P | - |
| 52 | BR | - |
| 53 | BR | - |
| 54 | V | - |
| 55 | BE | - |



| Connector No. | Connector Name | Connector Type |
|---------------|----------------|----------------|
| E106 | WIRE TO WIRE | LO2FBMC |



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|--------------|
| Connector No. | E108 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS04PM-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | P | - |
| 2 | LG | - |
| 3 | BR | - [Except for NSMO RS] |
| 4 | P | - [Except for NSMO RS] |

| | |
|----------------|-------------------|
| Connector No. | E114 |
| Connector Name | FRONT FOG LAMP LH |
| Connector Type | FH202FB |



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

| | |
|----------------|-------------------|
| Connector No. | E115 |
| Connector Name | FRONT FOG LAMP RH |
| Connector Type | FH202FB |



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

| | |
|----------------|------------------|
| Connector No. | E118 |
| Connector Name | STOP LAMP SWITCH |
| Connector Type | M02FB-LC |



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

| | |
|----------------|--------------|
| Connector No. | E202 |
| Connector Name | WIRE TO WIRE |
| Connector Type | M02MAB |



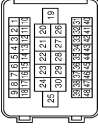
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | B/Y | - |
| 2 | V | - |

| | |
|----------------|-------------------|
| Connector No. | E204 |
| Connector Name | COOLING FAN RELAY |
| Connector Type | Z6347_9P000 |



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

| | |
|----------------|--------------------|
| Connector No. | F1 |
| Connector Name | WIRE TO WIRE |
| Connector Type | SA038FB-RS-D0-S1Z2 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | P | - |
| 2 | L | - |
| 3 | W | - [Except for NSMO RS] |
| 4 | Y | - [For NSMO RS] |
| 5 | GR | - [Except for NSMO RS] |
| 7 | G | - |
| 10 | R | - [Except for NSMO RS] |
| 10 | Y | - [For NSMO RS] |
| 11 | G | - [Except for NSMO RS] |
| 11 | Y | - [For NSMO RS] |
| 12 | G | - |
| 13 | B | - [Except for NSMO RS] |
| 13 | BG | - [For NSMO RS] |
| 14 | Y | - [Except for NSMO RS] |
| 15 | BR | - [Except for NSMO RS] |
| 16 | P | - |
| 17 | SR | - |
| 18 | G | - |
| 19 | G | - |
| 20 | BR | - |
| 21 | G | - |
| 22 | BR | - [Except for NSMO RS] |
| 22 | Y | - [For NSMO RS] |
| 23 | B | - |
| 24 | R | - |
| 25 | R | - |
| 26 | B | - |
| 27 | B | - |
| 28 | R | - |
| 29 | W | - |
| 30 | GR | - [Except for NSMO RS] |
| 30 | R | - [For NSMO RS] |
| 31 | BG | - |

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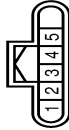
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

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|----|----|-----------------------------|
| 32 | LG | - |
| 33 | BR | - |
| 34 | G | - [For NISMO RS] |
| 35 | G | - [Except for NISMO RS] |
| 36 | G | - [Mass Air Flow Sensor] |
| 37 | GR | - [With Intelligent Key] |
| 38 | R | - |
| 39 | GR | - |
| 40 | P | - |
| 41 | BR | - [For NISMO RS] |
| 42 | V | - [Except for NISMO RS] |
| 43 | W | - [For NISMO RS] |
| 44 | L | - [Except for NISMO RS] |
| 45 | W | - [Except for NISMO RS] |
| 46 | BR | - [Except for NISMO RS] |
| 47 | R | - |
| 48 | GR | - [With Intelligent Key] |
| 49 | Y | - [Without Intelligent Key] |

| | |
|----------------|----------------------|
| Connector No. | F4 |
| Connector Name | MASS AIR FLOW SENSOR |
| Connector Type | H465FB |



| | |
|----------------|---------------|
| Connector No. | F11 |
| Connector Name | STARTER MOTOR |
| Connector Type | Z434Z_E033B |



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

| | |
|----------------|------------|
| Connector No. | F15 |
| Connector Name | ALTERNATOR |
| Connector Type | H63FB |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | B/R | - |
| 2 | Y | - |
| 3 | G | - |
| 4 | GR | - |
| 5 | BG | - |

| | |
|----------------|------------------------------------|
| Connector No. | F20 |
| Connector Name | BATTERY TERMINAL WITH FUSE/LE LINK |
| Connector Type | Z434Z_Z9906 |



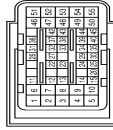
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 5 | B/R | - |

| | |
|----------------|-------------|
| Connector No. | F21 |
| Connector Name | ALTERNATOR |
| Connector Type | Z434Z_05F45 |



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

| | |
|----------------|-----------------|
| Connector No. | F23 |
| Connector Name | ECM |
| Connector Type | MAB35FB-MEB20LH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 1 | GR | FUEL INJECTOR NO. 4 (HI) |
| 2 | BR | FUEL INJECTOR NO. 4 (LO) |
| 3 | R | FUEL INJECTOR NO. 2 (LO) |
| 4 | GR | FUEL INJECTOR DRIVER POWER SUPPLY 1 |
| 5 | BR | FUEL INJECTOR DRIVER POWER SUPPLY 2 |
| 6 | R | FUEL INJECTOR NO. 4 (HI) |
| 7 | LG | FUEL INJECTOR NO. 2, 3 (HI) |
| 8 | GR | FUEL INJECTOR NO. 1 (LO) |
| 9 | GR | ECM GROUND |
| 10 | B | ECM GROUND |
| 11 | W | TURBOCHARGER BOOST SENSOR |
| 12 | P | REFRIGERANT PRESSURE SENSOR |
| 13 | V | SENSOR GROUND |
| 14 | SHIELD | SHIELD |
| 15 | W | KNOCK SENSOR |
| 20 | B | SENSOR GROUND |
| 22 | Y | ENGINE OIL TEMPERATURE SENSOR |
| 23 | G | ENGINE OIL PRESSURE SENSOR |
| 24 | G | EGR PRESSURE SENSOR |
| 25 | GR | FUEL RAIL PRESSURE SENSOR |
| 26 | R | SENSOR POWER SUPPLY |
| 27 | G | SENSOR POWER SUPPLY |
| 29 | L | SENSOR POWER SUPPLY |
| 30 | Y | SENSOR POWER SUPPLY |
| 31 | W | MANIFOLD ABSOLUTE PRESSURE SENSOR |
| 32 | BG | BATTERY TEMPERATURE SENSOR |
| 33 | R | CRANKSHAFT POSITION SENSOR |
| 34 | G | CS SENSOR |
| 35 | Y | ENGINE COOLANT TEMPERATURE SENSOR 1 |
| 36 | Y | INTAKE AIR FLOW SENSOR 1 |
| 37 | G | MASS AIR FLOW SENSOR |
| 38 | G | BATTERY CURRENT SENSOR |
| 39 | BR | INTAKE MANIFOLD THROTTLE CONTROL VALVE POSITION SENSOR |
| 40 | W | ENGINE COOLANT TEMPERATURE SENSOR 2 |
| 42 | ECM | SENSOR GROUND |
| 43 | BR | SENSOR GROUND |
| 44 | W | SENSOR GROUND |
| 45 | P | SENSOR GROUND |
| 46 | R | MULTI-WAY CONTROL VALVE POWER SUPPLY |
| 47 | R | HIGH PRESSURE FUEL PUMP DRIVER POWER SUPPLY |
| 48 | BR | HIGH PRESSURE FUEL PUMP (HI) |
| 49 | Y | HIGH PRESSURE FUEL PUMP (LO) |
| 50 | B | ECM GROUND |
| 51 | Y | MULTI-WAY CONTROL VALVE MOTOR (-) |
| 52 | G | MULTI-WAY CONTROL VALVE MOTOR (+) |
| 53 | R | INTAKE MANIFOLD RUNNER CONTROL VALVE POWER SUPPLY |
| 54 | B | INTAKE MANIFOLD RUNNER CONTROL VALVE (OPEN) |
| 55 | W | INTAKE MANIFOLD RUNNER CONTROL VALVE (CLOSE) |

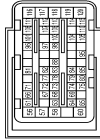
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|----------------|
| Connector No. | F74 |
| Connector Name | ECM |
| Connector Type | 16P55P-ABE0-DH |



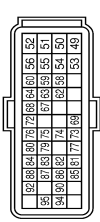
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 56 | R | EGR VOLUME CONTROL VALVE POWER SUPPLY |
| 57 | W | EGR VOLUME CONTROL VALVE MOTOR (+) |
| 58 | R | EGR VOLUME CONTROL VALVE MOTOR (-) |
| 60 | B | ECM GROUND |
| 61 | W | SENSOR POWER SUPPLY |
| 63 | L | SENSOR GROUND |
| 64 | SHIELD | SHIELD |
| 65 | R | WASTEGATE CONTROL VALVE POSITION SENSOR |
| 66 | G | SENSOR POWER SUPPLY |
| 67 | BR | CRANKSHAFT POSITION SENSOR |
| 68 | GR | EGR VOLUME CONTROL VALVE POSITION SENSOR |
| 69 | LG | EXHAUST VALVE TIMING CONTROL POSITION SENSOR |
| 71 | L | SENSOR GROUND |
| 72 | B | SENSOR GROUND |
| 73 | GR | SENSOR POWER SUPPLY |
| 74 | B | SENSOR GROUND |
| 75 | B | MULTI-MAX CONTROL VALVE POSITION SENSOR |
| 76 | V | INTAKE AIR TEMPERATURE SENSOR 2 |
| 78 | R | SENSOR GROUND |
| 79 | W | A/E SENSOR 1 |
| 80 | W | THROTTLE POSITION SENSOR 2 |
| 81 | BR | ECM RELAY (SELF SHUT-OFF) |
| 82 | Y | FUEL PUMP RELAY |
| 83 | B | SENSOR POWER SUPPLY |
| 84 | W | HEATED OXYGEN SENSOR 2 |
| 85 | R | SENSOR GROUND |
| 88 | G | THROTTLE POSITION SENSOR 1 |
| 95 | LG | IGNITION SIGNAL NO.2 |
| 96 | R | IGNITION SIGNAL NO.1 |
| 97 | Y | THROTTLE CONTROL MOTOR RELAY |
| 98 | R | ENGINE OIL PRESSURE CONTROL SOLENOID VALVE |
| 101 | SB | IGNITION SIGNAL NO.4 |
| 103 | BR | PNP SIGNAL |
| 104 | P | IGNITION SIGNAL NO.3 |
| 105 | BR | TURBOCHARGER BYPASS CONTROL VALVE |
| 106 | R | ELECTRIC WASTEGATE CONTROL ACTUATOR POWER SUPPLY |

BATTERY POWER SUPPLY

| | |
|----------------|----------------|
| Connector No. | F74 |
| Connector Name | ECM |
| Connector Type | 16P55P-ABE0-DH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 102 | W | ELECTRIC WASTEGATE CONTROL ACTUATOR MOTOR (+) |
| 103 | Y | ELECTRIC WASTEGATE CONTROL ACTUATOR MOTOR (-) |
| 110 | W | ECM GROUND |
| 111 | W | INTAKE VALVE TIMING CONTROL SOLENOID VALVE |
| 112 | G | EXHAUST VALVE TIMING CONTROL SOLENOID VALVE |
| 113 | Y | POWER SUPPLY FOR ECM (ENGINE OFF TIMER) |
| 114 | L | EVAP CANISTER PURGE/INTERMITTENT LOCK CONTROL SOLENOID VALVE |
| 115 | L | EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE |
| 116 | G | A/E SENSOR 1 HEATER |
| 117 | G | HEATED OXYGEN SENSOR 2 HEATER |
| 118 | GR | THROTTLE CONTROL MOTOR POWER SUPPLY |
| 119 | GR | THROTTLE CONTROL MOTOR (OPEN) |
| 120 | BR | THROTTLE CONTROL MOTOR (CLOSE) |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 50 | B | FUEL INJECTOR DRIVER POWER SUPPLY 1 |
| 51 | GR | ECM GROUND (HIGH PRESSURE FUEL PUMP) |
| 52 | GR | THROTTLE CONTROL MOTOR (OPEN) |
| 53 | BR | THROTTLE CONTROL MOTOR (CLOSE) |
| 54 | R | FUEL INJECTOR DRIVER POWER SUPPLY 2 |
| 55 | R | HIGH PRESSURE FUEL PUMP DRIVER POWER SUPPLY |
| 56 | Y | HIGH PRESSURE FUEL PUMP (HI) |
| 57 | G | HIGH PRESSURE FUEL PUMP (LO) |
| 58 | G | SENSOR GROUND |
| 59 | L | SENSOR GROUND |
| 60 | W | SENSOR GROUND |
| 62 | B | SENSOR POWER SUPPLY |
| 63 | BR | CRANKSHAFT POSITION SENSOR (PHASE) |
| 64 | R | CRANKSHAFT POSITION SENSOR (POS) |
| 67 | LG | EXHAUST VALVE TIMING CONTROL POSITION SENSOR |
| 68 | Y | SENSOR POWER SUPPLY |
| 69 | L | EVAP CANISTER VENT CONTROL VALVE |
| 72 | GR | SENSOR POWER SUPPLY |
| 73 | BR | TURBOCHARGER BOOST CONTROL SOLENOID VALVE |
| 74 | R | SENSOR GROUND |
| 75 | G | THROTTLE POSITION SENSOR 1 |

| | |
|----------------|--|
| Connector No. | F45 |
| Connector Name | ENGINE OIL PRESSURE CONTROL SOLENOID VALVE |
| Connector Type | 16P02LGF |



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

| | | | |
|--------------|----|---|----------------------------|
| Terminal No. | 76 | W | THROTTLE POSITION SENSOR 2 |
| 77 | Y | THROTTLE POSITION SENSOR 1 | |
| 78 | SG | BATTERY TEST SIGNAL | |
| 80 | W | BATTERY CURRENT SENSOR | |
| 81 | W | INTAKE VALVE TIMING CONTROL SOLENOID VALVE | |
| 82 | R | IGNITION SIGNAL NO.1 | |
| 83 | G | SENSOR | |
| 84 | P | FUEL TANK TEMPERATURE SENSOR | |
| 85 | G | EXHAUST VALVE TIMING CONTROL SOLENOID VALVE | |
| 86 | LG | IGNITION SIGNAL NO.2 | |
| 87 | BR | SENSOR GROUND | |
| 88 | V | INTAKE AIR TEMPERATURE SENSOR 2 | |
| 90 | P | IGNITION SIGNAL NO.3 | |
| 92 | R | CRANKING ENABLE SIGNAL | |
| 94 | SB | IGNITION SIGNAL NO.4 | |
| 95 | L | EVAP CANISTER PURGE VOLUME CONTROL SOLENOID VALVE | |

| | |
|----------------|--|
| Connector No. | F41 |
| Connector Name | INTAKE VALVE TIMING CONTROL SOLENOID VALVE |
| Connector Type | ED2F6-RS-LGY |



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

| | |
|----------------|---|
| Connector No. | F54 |
| Connector Name | TURBOCHARGER BOOST CONTROL SOLENOID VALVE |
| Connector Type | ED2F1-BS-LGY |



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

JRMW15166GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|-------------------------------|
| Connector No. | F72 |
| Connector Name | AIR FUEL RATIO (A/F) SENSOR 1 |
| Connector Type | RH04FB-P |



| | |
|----------------|-------------------------------|
| Connector No. | F70 |
| Connector Name | AIR FUEL RATIO (A/F) SENSOR 1 |
| Connector Type | RH04MGY |



| | |
|----------------|-----------------------------------|
| Connector No. | F64 |
| Connector Name | TURBOCHARGER BYPASS CONTROL VALVE |
| Connector Type | RH03BR |



| | |
|----------------|--|
| Connector No. | F62 |
| Connector Name | INTEK VALVE TIMING INTERMEDIATE CONTROL SOLENOID VALVE |
| Connector Type | ED2FER-RS-GY |



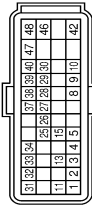
| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | W | - |
| 2 | B | - |
| 3 | G | - |
| 4 | R | - |

| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | W | - |
| 2 | B | - |
| 3 | G | - |
| 4 | R | - |

| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | R | VCC |
| 2 | BR | SIGNAL |

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

| | |
|----------------|-----------------|
| Connector No. | F81 |
| Connector Name | TCM |
| Connector Type | RH4DFB-R28-L-RH |



| | |
|----------------|------------------------|
| Connector No. | F71 |
| Connector Name | HEATED OXYGEN SENSOR 2 |
| Connector Type | RH04FDGY-P |



| | |
|----------------|------------------------|
| Connector No. | F69 |
| Connector Name | HEATED OXYGEN SENSOR 2 |
| Connector Type | RH04MB |



| | |
|----------------|--|
| Connector No. | F63 |
| Connector Name | INTEK VALVE TIMING INTERMEDIATE CONTROL SOLENOID VALVE |
| Connector Type | ED2FER-RS-GY |



| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------|
| 1 | G | R RANGE SW |
| 2 | Y | N RANGE SW |
| 3 | W | D RANGE SW |
| 4 | V | - |
| 5 | B | GROUND |
| 8 | BR | CLOCK (SEL 2) |
| 9 | G | CHIP SELECT (SEL 1) |
| 10 | W | DATE / IO (SEL 3) |
| 11 | L | P RANGE SW |
| 13 | SB | CVT FLUID TEMPERATURE SENSOR |
| 15 | P | SECONDARY PRESSURE SENSOR |
| 25 | Y | SENSOR GROUND |
| 26 | LG | SENSOR POWER SUPPLY |
| 27 | GR | STEP MOTOR D |
| 28 | V | STEP MOTOR C |
| 29 | BG | STEP MOTOR B |

| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | R | - |
| 2 | W | - |
| 3 | G | - |
| 4 | R | - |

| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | R | - |
| 2 | R | - |
| 3 | G | - |
| 4 | W | - |

| Terminal No. | Color of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2 | R | CVT/CGM POWER |

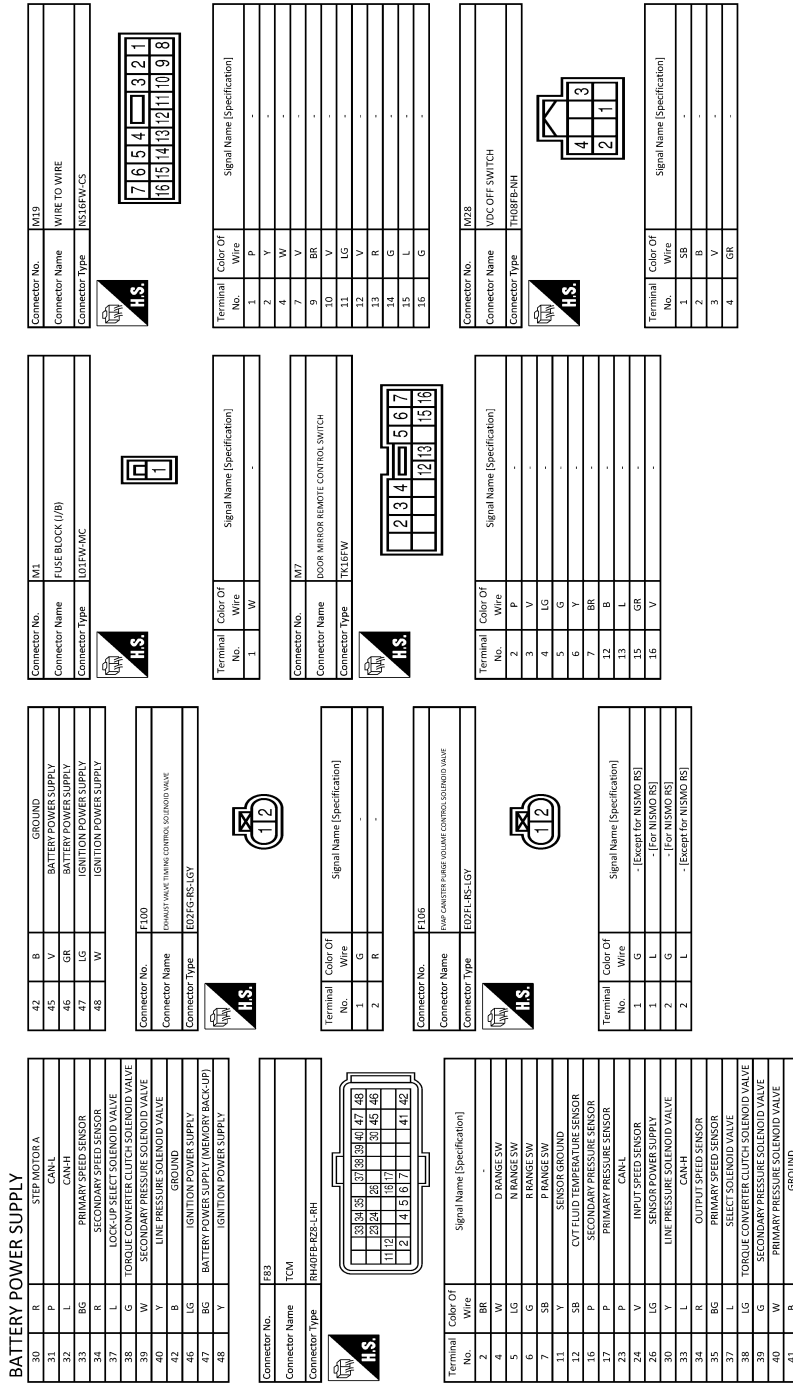
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



JRMW15168GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| Connector No. | Color Of Wire | Signal Name [Specification] |
|---------------|---------------|-----------------------------|
| M32 | V | - |
| M33 | Y | - |
| M34 | Y | - |
| M35 | Y | - |
| M36 | Y | - |
| M37 | Y | - |
| M38 | B | BAT |
| M39 | B | GND |
| M40 | B | GND |
| M41 | B | GND |
| M42 | B | GND |
| M43 | B | GND |
| M44 | B | GND |
| M45 | B | GND |
| M46 | B | GND |
| M47 | B | GND |
| M48 | B | GND |
| M49 | B | GND |
| M50 | B | GND |
| M51 | B | GND |
| M52 | B | GND |
| M53 | B | GND |
| M54 | B | GND |
| M55 | B | GND |
| M56 | B | GND |
| M57 | B | GND |
| M58 | B | GND |
| M59 | B | GND |
| M60 | B | GND |
| M61 | B | GND |
| M62 | B | GND |
| M63 | B | GND |
| M64 | B | GND |
| M65 | B | GND |
| M66 | B | GND |
| M67 | B | GND |
| M68 | B | GND |
| M69 | B | GND |
| M70 | B | GND |
| M71 | B | GND |
| M72 | B | GND |
| M73 | B | GND |
| M74 | B | GND |
| M75 | B | GND |
| M76 | B | GND |
| M77 | B | GND |
| M78 | B | GND |
| M79 | B | GND |
| M80 | B | GND |
| M81 | B | GND |
| M82 | B | GND |
| M83 | B | GND |
| M84 | B | GND |
| M85 | B | GND |
| M86 | B | GND |
| M87 | B | GND |
| M88 | B | GND |
| M89 | B | GND |
| M90 | B | GND |
| M91 | B | GND |
| M92 | B | GND |
| M93 | B | GND |
| M94 | B | GND |
| M95 | B | GND |
| M96 | B | GND |
| M97 | B | GND |
| M98 | B | GND |
| M99 | B | GND |
| M100 | B | GND |
| M101 | B | GND |
| M102 | B | GND |
| M103 | B | GND |
| M104 | B | GND |
| M105 | B | GND |
| M106 | B | GND |
| M107 | B | GND |
| M108 | B | GND |
| M109 | B | GND |
| M110 | B | GND |
| M111 | B | GND |
| M112 | B | GND |
| M113 | B | GND |
| M114 | B | GND |
| M115 | B | GND |
| M116 | B | GND |
| M117 | B | GND |
| M118 | B | GND |
| M119 | B | GND |
| M120 | B | GND |
| M121 | B | GND |
| M122 | B | GND |
| M123 | B | GND |
| M124 | B | GND |
| M125 | B | GND |
| M126 | B | GND |
| M127 | B | GND |
| M128 | B | GND |
| M129 | B | GND |
| M130 | B | GND |
| M131 | B | GND |
| M132 | B | GND |
| M133 | B | GND |
| M134 | B | GND |
| M135 | B | GND |
| M136 | B | GND |
| M137 | B | GND |
| M138 | B | GND |
| M139 | B | GND |
| M140 | B | GND |
| M141 | B | GND |
| M142 | B | GND |
| M143 | B | GND |
| M144 | B | GND |
| M145 | B | GND |
| M146 | B | GND |
| M147 | B | GND |
| M148 | B | GND |
| M149 | B | GND |
| M150 | B | GND |
| M151 | B | GND |
| M152 | B | GND |
| M153 | B | GND |
| M154 | B | GND |
| M155 | B | GND |
| M156 | B | GND |
| M157 | B | GND |
| M158 | B | GND |
| M159 | B | GND |
| M160 | B | GND |
| M161 | B | GND |
| M162 | B | GND |
| M163 | B | GND |
| M164 | B | GND |
| M165 | B | GND |
| M166 | B | GND |
| M167 | B | GND |
| M168 | B | GND |
| M169 | B | GND |
| M170 | B | GND |
| M171 | B | GND |
| M172 | B | GND |
| M173 | B | GND |
| M174 | B | GND |
| M175 | B | GND |
| M176 | B | GND |
| M177 | B | GND |
| M178 | B | GND |
| M179 | B | GND |
| M180 | B | GND |
| M181 | B | GND |
| M182 | B | GND |
| M183 | B | GND |
| M184 | B | GND |
| M185 | B | GND |
| M186 | B | GND |
| M187 | B | GND |
| M188 | B | GND |
| M189 | B | GND |
| M190 | B | GND |
| M191 | B | GND |
| M192 | B | GND |
| M193 | B | GND |
| M194 | B | GND |
| M195 | B | GND |
| M196 | B | GND |
| M197 | B | GND |
| M198 | B | GND |
| M199 | B | GND |
| M200 | B | GND |
| M201 | B | GND |
| M202 | B | GND |
| M203 | B | GND |
| M204 | B | GND |
| M205 | B | GND |
| M206 | B | GND |
| M207 | B | GND |
| M208 | B | GND |
| M209 | B | GND |
| M210 | B | GND |
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| M214 | B | GND |
| M215 | B | GND |
| M216 | B | GND |
| M217 | B | GND |
| M218 | B | GND |
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| M220 | B | GND |
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| M224 | B | GND |
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| M227 | B | GND |
| M228 | B | GND |
| M229 | B | GND |
| M230 | B | GND |
| M231 | B | GND |
| M232 | B | GND |
| M233 | B | GND |
| M234 | B | GND |
| M235 | B | GND |
| M236 | B | GND |
| M237 | B | GND |
| M238 | B | GND |
| M239 | B | GND |
| M240 | B | GND |
| M241 | B | GND |
| M242 | B | GND |
| M243 | B | GND |
| M244 | B | GND |
| M245 | B | GND |
| M246 | B | GND |
| M247 | B | GND |
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| M249 | B | GND |
| M250 | B | GND |
| M251 | B | GND |
| M252 | B | GND |
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| M257 | B | GND |
| M258 | B | GND |
| M259 | B | GND |
| M260 | B | GND |
| M261 | B | GND |
| M262 | B | GND |
| M263 | B | GND |
| M264 | B | GND |
| M265 | B | GND |
| M266 | B | GND |
| M267 | B | GND |
| M268 | B | GND |
| M269 | B | GND |
| M270 | B | GND |
| M271 | B | GND |
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| M273 | B | GND |
| M274 | B | GND |
| M275 | B | GND |
| M276 | B | GND |
| M277 | B | GND |
| M278 | B | GND |
| M279 | B | GND |
| M280 | B | GND |
| M281 | B | GND |
| M282 | B | GND |
| M283 | B | GND |
| M284 | B | GND |
| M285 | B | GND |
| M286 | B | GND |
| M287 | B | GND |
| M288 | B | GND |
| M289 | B | GND |
| M290 | B | GND |
| M291 | B | GND |
| M292 | B | GND |
| M293 | B | GND |
| M294 | B | GND |
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| M299 | B | GND |
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| M318 | B | GND |
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| M336 | B | GND |
| M337 | B | GND |
| M338 | B | GND |
| M339 | B | GND |
| M340 | B | GND |
| M341 | B | GND |
| M342 | B | GND |
| M343 | B | GND |
| M344 | B | GND |
| M345 | B | GND |
| M346 | B | GND |
| M347 | B | GND |
| M348 | B | GND |
| M349 | B | GND |
| M350 | B | GND |
| M351 | B | GND |
| M352 | B | GND |
| M353 | B | GND |
| M354 | B | GND |
| M355 | B | GND |
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| M414 | B | GND |
| M415 | B | GND |
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| M421 | B | GND |
| M422 | B | GND |
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| M425 | B | GND |
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| M430 | B | GND |
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| M434 | B | GND |
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| M436 | B | GND |
| M437 | B | GND |
| M438 | B | GND |
| M439 | B | GND |
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| M441 | B | GND |
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| M445 | B | GND |
| M446 | B | GND |
| M447 | B | GND |
| M448 | B | GND |
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| M451 | B | GND |
| M452 | B | GND |
| M453 | B | GND |

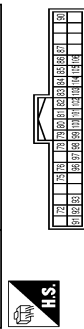
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | | |
|----|----|----------------------|
| 65 | V | ALL DOOR LOCK OUTPUT |
| 66 | SB | DR DOOR UNLK OUTPUT |
| 67 | L | DR DOOR UNLK GND |
| 68 | L | P/W PWR SPRY (IGN) |
| 69 | P | P/W PWR SPRY (BAT) |
| 70 | Y | BAT (E/L) |

| | |
|----------------|---------------------------|
| Connector No. | M70 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | TH40FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---------------------------------------|
| 72 | SB | A/C IND OUTPUT |
| 75 | LG | DR DOOR REG SW |
| 76 | LG | PUSH SW |
| 78 | P | DRIVER DOOR ANT+ |
| 79 | V | DRIVER DOOR ANT- |
| 80 | BR | PASS DOOR ANT+ |
| 81 | G | PASS DOOR ANT- |
| 82 | R | RECS DOOR ANT |
| 84 | BR | ROOM ANT L |
| 85 | GR | ROOM ANT R |
| 86 | GR | ROOM ANT + |
| 87 | LG | ROOM ANT - |
| 90 | W | PUSH-BTN IGN SW LLL PWR |
| 91 | V | ACC ON IND |
| 92 | R | PUSH-BTN IGN SW LLL GND |
| 93 | GR | I-KEY WARN BUZZER |
| 96 | BR | ACC RELAY CONT |
| 97 | SB | STARTER RELAY CONT |
| 98 | P | IGN RELAY (UPD/M/E/R) CONT |
| 99 | R | IGN RELAY (F/B) CONT |
| 100 | P | PASS DOOR RECS SW |
| 101 | Y | CLUTCH INTERLOCK SW [FOR M/T MODELS] |
| 102 | L | IGN SPV INOZ. [EXCEPT FOR M/T MODELS] |
| 102 | L | NEUTRAL SW [FOR M/T MODELS] |
| 103 | G | P/W POSITION [EXCEPT FOR M/T MODELS] |
| 104 | SB | FR DEFROST SW |
| | | CVT SHFT SELECT PWR SPV |

| | | |
|-----|---|-----------------|
| 305 | V | 5/30V (M/E SW)2 |
| 306 | Y | BLVR RELAY CONT |

| | |
|----------------|-------------------|
| Connector No. | M71 |
| Connector Name | HEATED SEAT RELAY |
| Connector Type | MS02FLM2-4C |



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

| | |
|----------------|-------------------------------|
| Connector No. | M75 |
| Connector Name | REMOTE KEYLESS ENTRY RECEIVER |
| Connector Type | TH06FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | POWER |
| 2 | SB | SIGNAL |
| 4 | V | GND |

| | |
|----------------|-----------------|
| Connector No. | M77 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH08FW-CS16-TM4 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 4 | V | - |
| 6 | P | - |
| 10 | R | - |
| 11 | R | - |
| 12 | LG | - |
| 13 | V | - |
| 14 | SHIELD | - |
| 34 | LG | - |
| 35 | SB | - |
| 36 | B | - |
| 37 | P | - |
| 52 | R | - |
| 53 | R | - |
| 54 | SB | - |
| 55 | SB | - |
| 59 | LG | - |
| 62 | Y | - |
| 63 | W | - |
| 64 | G | - |
| 65 | GR | - |
| 66 | Y | - |
| 67 | V | - |
| 68 | R | - |
| 70 | V | - |
| 71 | R | - |
| 72 | GR | - |
| 73 | G | - |
| 76 | W | - |
| 78 | LG | - |
| 79 | V | - |
| 80 | LG | - |
| 83 | P | - |
| 84 | G | - |
| 85 | BR | - |

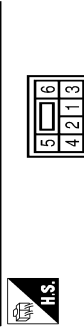
| | | |
|-----|--------|---|
| 86 | LG | - |
| 88 | SHIELD | - |
| 91 | BR | - |
| 92 | Y | - |
| 95 | L | - |
| 96 | L | - |
| 97 | GR | - |
| 98 | G | - |
| 99 | R | - |
| 100 | LG | - |

| | |
|----------------|--------------|
| Connector No. | M78 |
| Connector Name | WIRE TO WIRE |
| Connector Type | LOZMB-AC |



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

| | |
|----------------|-----------------------|
| Connector No. | MB0 |
| Connector Name | HEATED SEAT SWITCH LH |
| Connector Type | NS06FW-CS |



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

JRMW15170GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

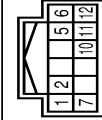
BATTERY POWER SUPPLY

| | |
|----------------|-----------------------|
| Connector No. | M81 |
| Connector Name | HEATED SEAT SWITCH RH |
| Connector Type | NS062BR-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | - |
| 2 | L | - |
| 3 | R | - |
| 4 | B | - |
| 5 | V | - |
| 6 | GR | - |

| | |
|----------------|--------------------|
| Connector No. | M90 |
| Connector Name | MULTI DISPLAY UNIT |
| Connector Type | TH122FW-NH |



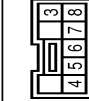
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | V | BATTERY POWER SUPPLY |
| 2 | V | ILLUMINATION SIGNAL |
| 5 | GR | ILLUMINATION CONTROL SIGNAL |
| 6 | L | CAN-H |
| 7 | LG | IGNITION SIGNAL |
| 10 | B | GROUND |
| 11 | B | GROUND |
| 12 | P | CAN-L |

| | |
|----------------|----------------|
| Connector No. | M95 |
| Connector Name | GLOVE BOX LAMP |
| Connector Type | 4023FW |



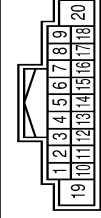
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | V | - |
| 2 | B | - |

| | |
|----------------|-----------------------------|
| Connector No. | M101 |
| Connector Name | PUSH-BUTTON IGNITION SWITCH |
| Connector Type | TK08FBR |



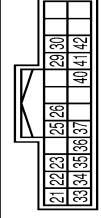
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 4 | GR | - |
| 5 | W | - |
| 6 | R | - |
| 7 | V | - |
| 8 | LG | - |

| | |
|----------------|-------------------|
| Connector No. | M108 |
| Connector Name | NAVI CONTROL UNIT |
| Connector Type | NH189FW-CS2 |



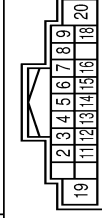
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---------------------------------|
| 1 | R | WOOFER/AMP_ON SIGNAL |
| 2 | W | SOUND SIGNAL FRONT SPEAKER LH+ |
| 3 | GR | SOUND SIGNAL FRONT SPEAKER LH- |
| 4 | LG | SOUND SIGNAL REAR SPEAKER LH+ |
| 5 | V | SOUND SIGNAL REAR SPEAKER LH- |
| 6 | G | STEERING SWITCH SIGNAL A |
| 7 | L | ACC POWER SUPPLY |
| 8 | L | CAN-H |
| 9 | V | ILLUMINATION CONTROL SIGNAL |
| 10 | SHIELD | SHIELD |
| 11 | G | SOUND SIGNAL FRONT SPEAKER RH+ |
| 12 | R | SOUND SIGNAL FRONT SPEAKER RH- |
| 13 | BR | SOUND SIGNAL REAR SPEAKER RH+ |
| 14 | V | SOUND SIGNAL REAR SPEAKER RH- |
| 15 | V | STEERING SWITCH SIGNAL GROUND |
| 16 | R | STEERING SWITCH SIGNAL B |
| 18 | Y | VEHICLE SPEED SIGNAL (8 PULSES) |
| 19 | BR | BATTERY POWER SUPPLY |
| 20 | B | GROUND |

| | |
|----------------|-------------------|
| Connector No. | M109 |
| Connector Name | NAVI CONTROL UNIT |
| Connector Type | TH242FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------------|
| 21 | G | AUX AUDIO SIGNAL RH |
| 22 | Y | AUX AUDIO SIGNAL GROUND |
| 23 | L | AUX AUDIO SIGNAL LH |
| 25 | G | REVERSE SIGNAL |
| 26 | BR | SOUND SIGNAL WOODFER+ |
| 29 | Y | SOUND SIGNAL WOODFER- |
| 30 | V | ILLUMINATION CONTROL SIGNAL |
| 33 | GR | ILLUMINATION CONTROL SIGNAL GROUND |
| 34 | W | MICROPHONE SIGNAL |
| 35 | B | MICROPHONE VCC |
| 36 | SHIELD | SHIELD |
| 37 | SHIELD | SHIELD |
| 40 | LG | IGNITION SIGNAL |
| 41 | B | CAMERA IMAGE SIGNAL |
| 42 | J | SHIELD |

| | |
|----------------|-------------|
| Connector No. | M129 |
| Connector Name | AUDIO UNIT |
| Connector Type | NH189FW-CS2 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--------------------------------|
| 2 | W | SOUND SIGNAL FRONT SPEAKER LH+ |
| 3 | GR | SOUND SIGNAL FRONT SPEAKER LH- |
| 4 | LG | SOUND SIGNAL REAR SPEAKER LH+ |
| 5 | V | SOUND SIGNAL REAR SPEAKER LH- |
| 6 | G | STEERING SWITCH SIGNAL A |

A
B
C
D
E
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G
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I
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K
L
PG
N
O
P

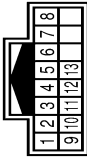
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| Pin No. | Signal Name |
|---------|--------------------------------|
| 1 | ACC POWER SUPPLY |
| 2 | ILLUMINATION SIGNAL GROUND |
| 3 | ILLUMINATION SIGNAL |
| 4 | ILLUMINATION FRONT SPEAKER RH+ |
| 5 | SOUND SIGNAL FRONT SPEAKER RH+ |
| 6 | SOUND SIGNAL FRONT SPEAKER RH- |
| 7 | SOUND SIGNAL REAR SPEAKER RH+ |
| 8 | SOUND SIGNAL REAR SPEAKER RH- |
| 9 | STEERING SWITCH SIGNAL B |
| 10 | VEHICLE SPEED SIGNAL (8-PULSE) |
| 11 | BATTERY POWER SUPPLY |
| 12 | GROUND |

| | |
|----------------|--------------------|
| Connector No. | M324 |
| Connector Name | CVT SHIFT SELECTOR |
| Connector Type | TH16MM-NH |



| Terminal No. | Color Of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 1 | Y | - |
| 2 | Y | - |
| 3 | W | - |
| 4 | P | - |
| 5 | G | - |
| 6 | G | - |
| 7 | BR | - |
| 8 | G | - |
| 9 | GR | - |
| 10 | Y | - |
| 11 | L/W | - |
| 12 | O | - |
| 13 | LG | - |

JRMW15172GB

POWER SUPPLY ROUTING CIRCUIT

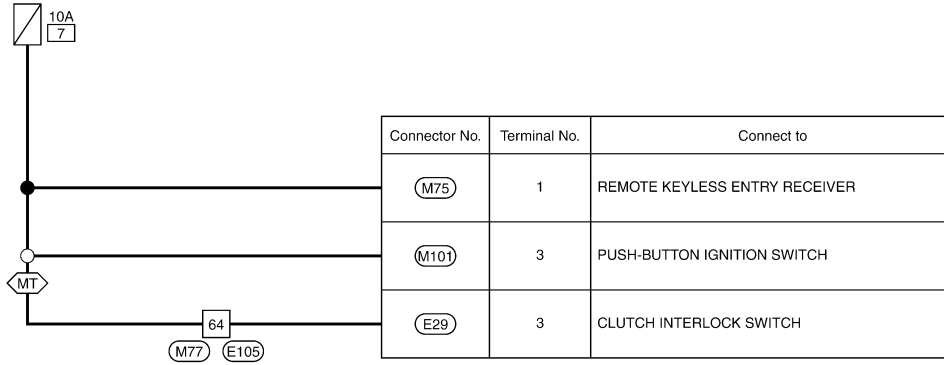
< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No.7 - BATTERY POWER SUPPLY FUSE No. 7

INFOID:000000012199776

A
B
C
D
E
F
G
H
I
J
K
L
N
O
P

⬠MT⬠ : With M/T



2011/08/18

JRMWC5522GB

PG

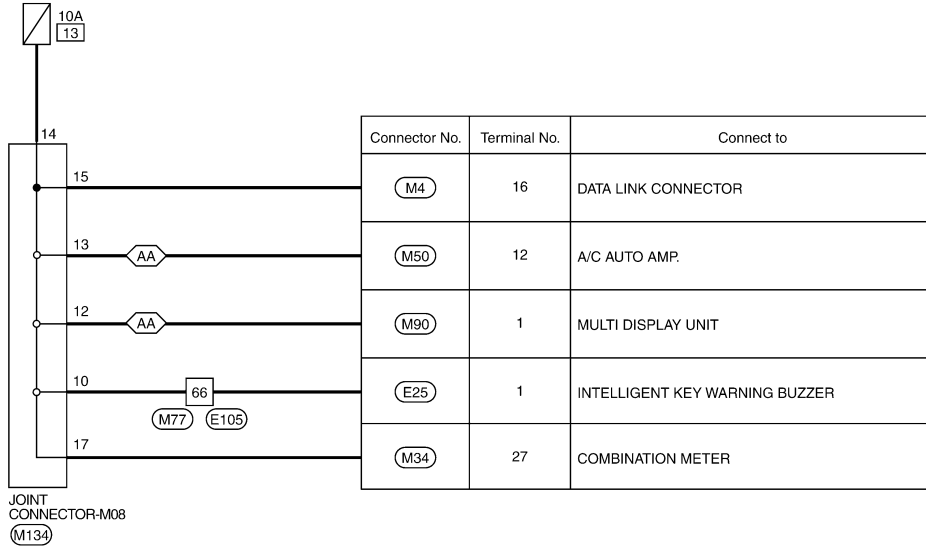
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No.13 - BATTERY POWER SUPPLY FUSE No. 13

INFOID:000000012199777

AA: With automatic A/C



2015/08/18



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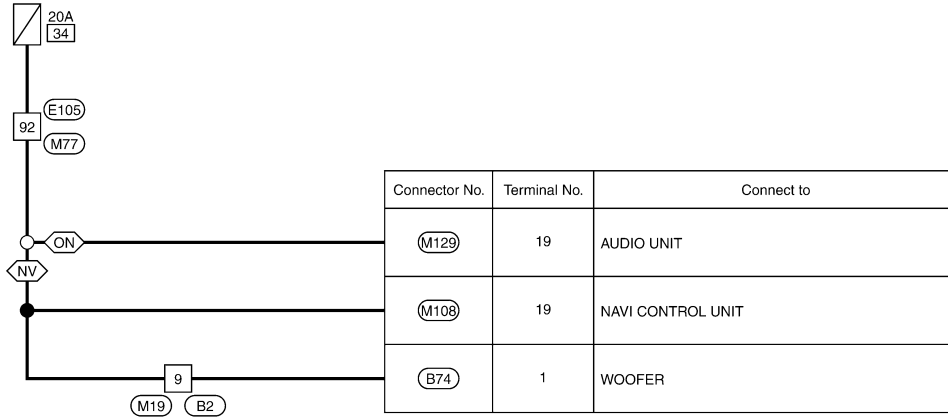
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No.34 - BATTERY POWER SUPPLY FUSE No. 34

INFOID:000000012199778

 : With NAVI
 : Without NAVI



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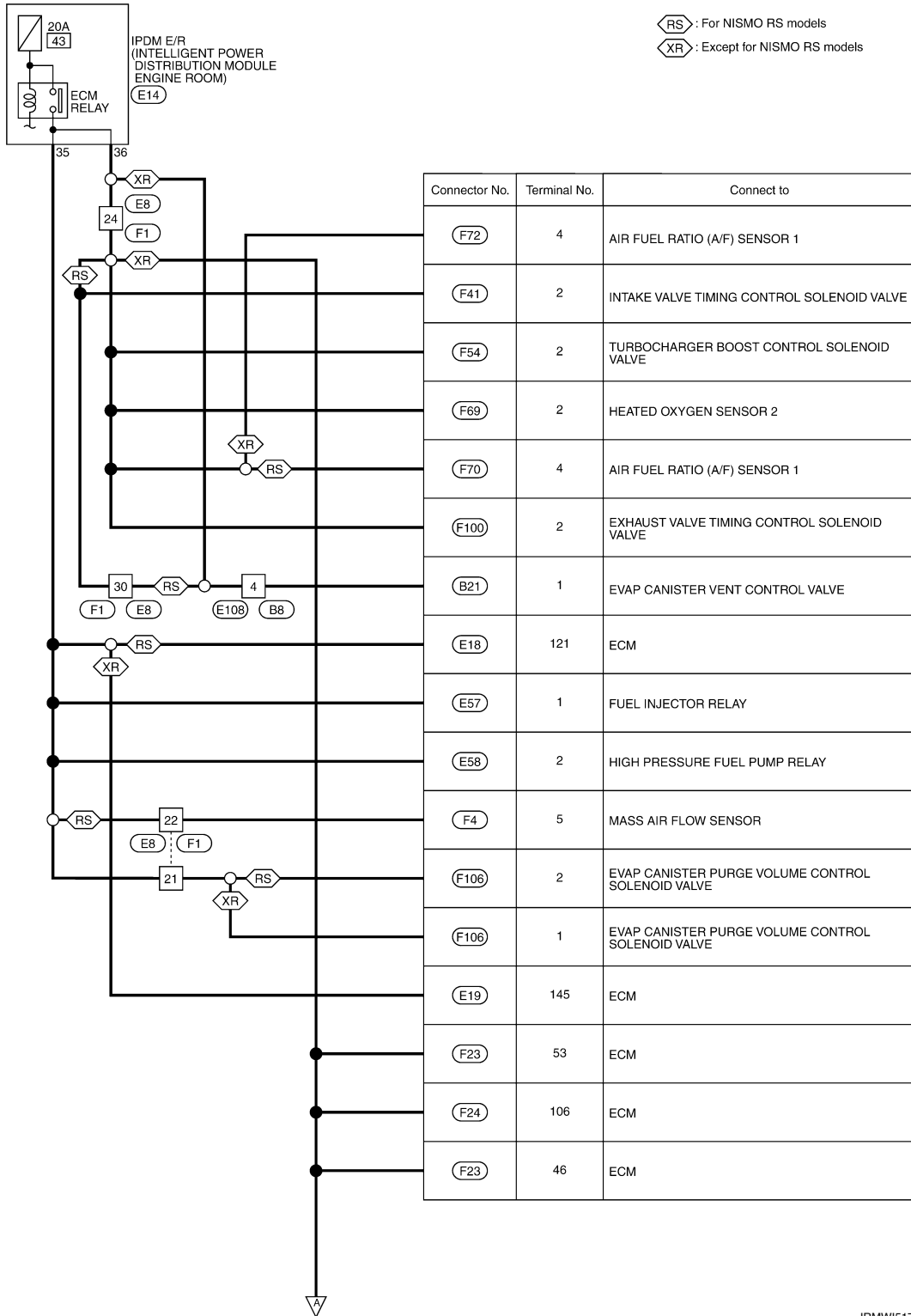
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No.43 -

INFOID:000000012199779

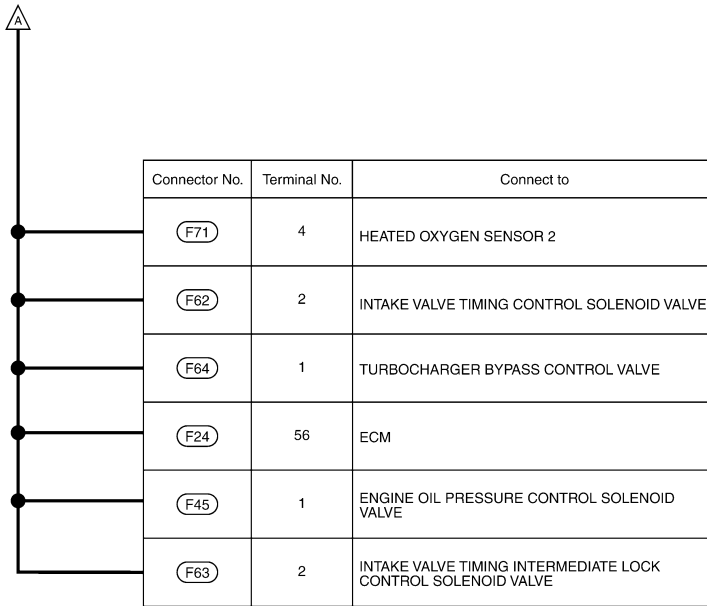
BATTERY POWER SUPPLY FUSE No. 43



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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



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POWER SUPPLY ROUTING CIRCUIT

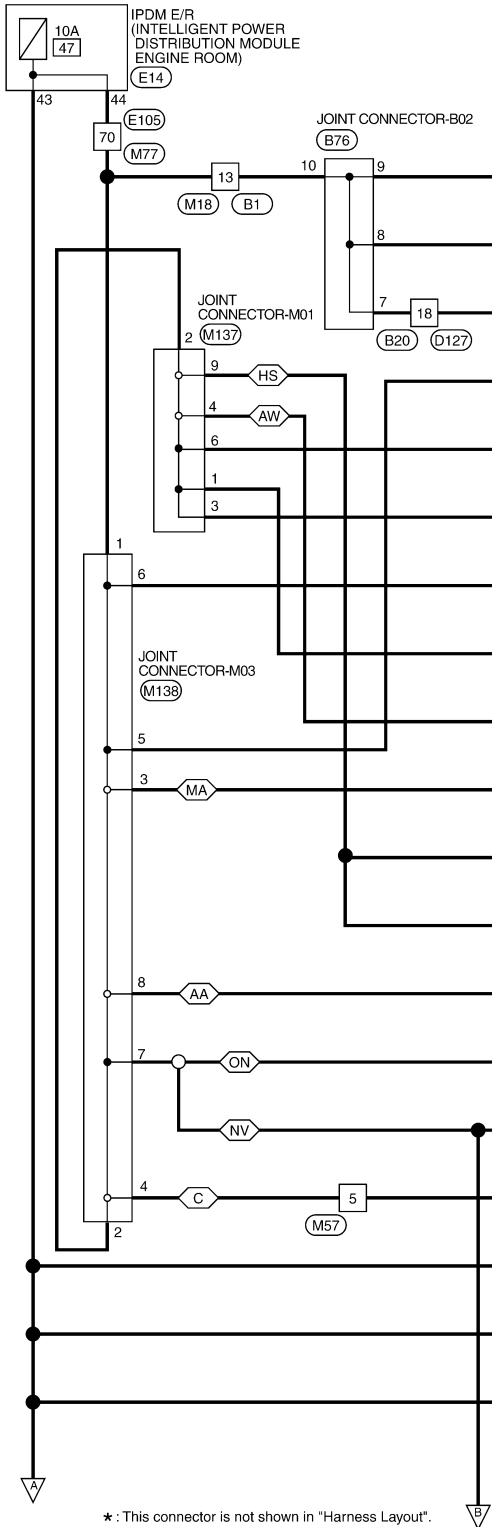
< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No.47 -

INFOID:000000012199780

BATTERY POWER SUPPLY FUSE No. 47

- : AWD models
- : With NAVI
- : With CVT
- : Without NAVI
- : With automatic A/C
- : With heated seat
- : With manual A/C



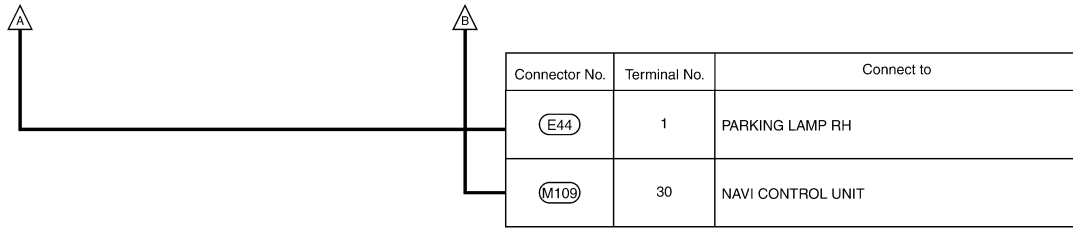
| Connector No. | Terminal No. | Connect to |
|---------------|--------------|--|
| (B59) | 2 | REAR COMBINATION LAMP RH |
| (B80) | 2 | REAR COMBINATION LAMP LH |
| (D107) | 5 | BACK DOOR OPENER SWITCH (LICENSE PLATE LAMP) |
| (M95) | 1 | GLOVE BOX LAMP |
| (M7) | 16 | DOOR MIRROR REMOTE CONTROL SWITCH |
| (M28) | 3 | VDC OFF SWITCH |
| (M32) | 23 | COMBINATION SWITCH (SPIRAL CABLE) |
| (M45) | 3 | HAZARD SWITCH |
| (M48) | 4 | AWD MODE SWITCH |
| (M53) | 5 | A/C CONTROL |
| (M80) | 5 | HEATED SEAT SWITCH LH |
| (M81) | 5 | HEATED SEAT SWITCH RH |
| (M90) | 2 | MULTI DISPLAY UNIT |
| (M129) | 9 | AUDIO UNIT |
| (M108) | 9 | NAVI CONTROL UNIT |
| (M324)* | 5 | CVT SHIFT SELECTOR |
| (E28) | 1 | PARKING LAMP LH |
| (E31) | 1 | FRONT SIDE MARKER LAMP LH |
| (E32) | 1 | FRONT SIDE MARKER LAMP RH |

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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



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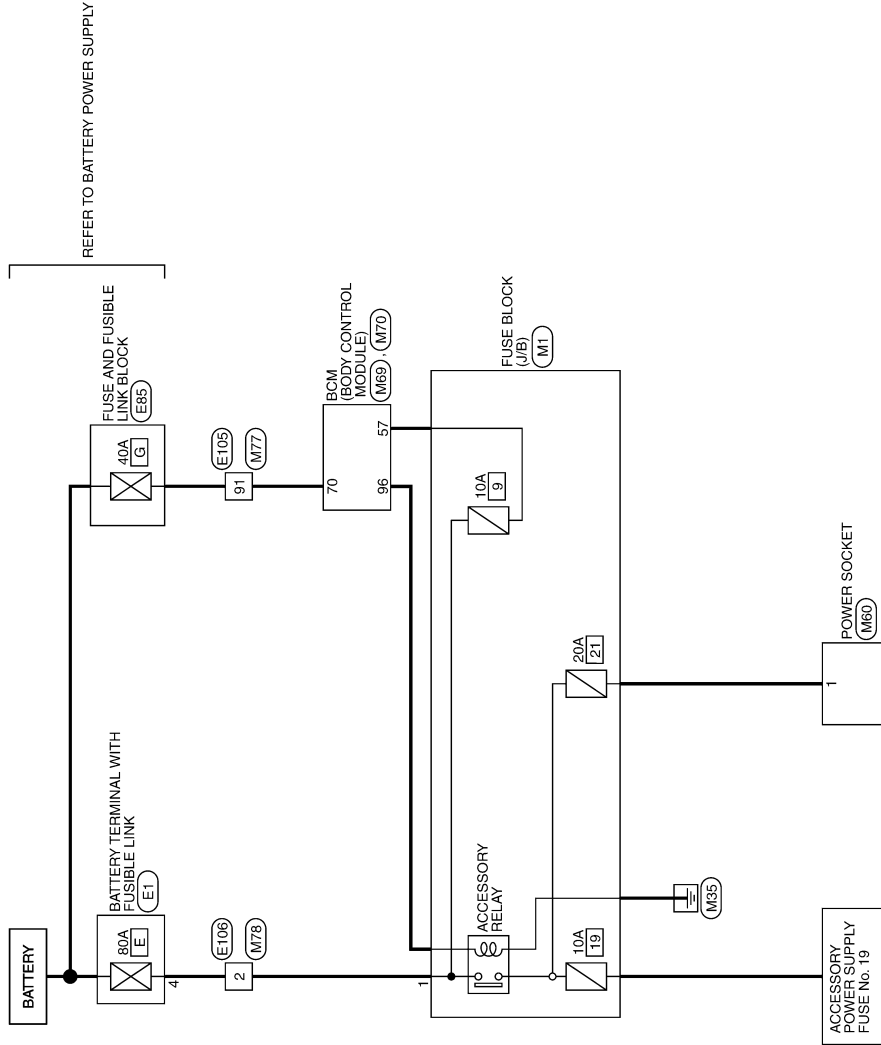
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - ACCESSORY POWER SUPPLY -

INFOID:000000012199781

ACCESSORY POWER SUPPLY



REFER TO BATTERY POWER SUPPLY

2015/08/18

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

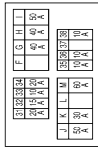
ACCESSORY POWER SUPPLY

| | |
|----------------|------------------------------------|
| Connector No. | E11 |
| Connector Name | BATTERY TERMINAL WITH FUSIBLE LINK |
| Connector Type | UD2CF-MC |



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

| | |
|----------------|-----------------------------|
| Connector No. | E85 |
| Connector Name | FUSE AND FUSIBLE LINK BLOCK |
| Connector Type | Z4381L_C900A |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 31 | BR | - |
| 32 | LG | - |
| 33 | LG | - |
| 34 | R | - |
| 35 | BR | - |
| 36 | V | - |
| 38 | W | - |
| G | G | - |
| H | P | - |
| I | L | - |
| J | V | - [Without MT] |
| K | W/R | - [With MT] |
| M | R | - |

| | |
|----------------|------------------|
| Connector No. | E105 |
| Connector Name | WIRE TO WIRE |
| Connector Type | T1803WM_CS16-TM4 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 4 | Y | - |
| 6 | P | - |
| 10 | R | - |
| 11 | W | - |
| 12 | B | - |
| 13 | R | - |
| 14 | SHIELD | - |
| 34 | BE | - |
| 35 | R | - |
| 36 | B | - |
| 37 | P | - |
| 52 | R | - |
| 53 | BR | - |
| 54 | V | - |
| 55 | BE | - |
| 56 | G | - |
| 59 | Y | - |
| 62 | V | - |
| 63 | V | - |
| 64 | LG | - |
| 65 | L | - |
| 66 | R | - |
| 67 | W | - |
| 68 | SB | - |
| 70 | BR | - |
| 71 | LG | - |
| 72 | V | - |
| 73 | L | - |
| 76 | R | - |
| 78 | B | - |
| 79 | W | - |
| 80 | L | - |
| 83 | Y | - |
| 84 | LG | - |

| | | |
|-----|--------|---|
| 85 | P | - |
| 86 | BE | - |
| 90 | SHIELD | - |
| 91 | G | - |
| 92 | R | - |
| 95 | BR | - |
| 96 | P | - |
| 97 | GR | - |
| 98 | W | - |
| 99 | V | - |
| 100 | O | - |



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|----------------|--------------|
| Connector No. | E106 |
| Connector Name | WIRE TO WIRE |
| Connector Type | LD2FE-MC |



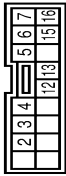
| | | | | | |
|--------------|---|---------------|---|-----------------------------|---|
| Terminal No. | 1 | Color Of Wire | R | Signal Name [Specification] | - |
| 2 | 2 | W | - | - | - |

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|----------------|------------------|
| Connector No. | M1 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | LD1PW-MC |



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

| | |
|----------------|-----------------------------------|
| Connector No. | M7 |
| Connector Name | DOOR MIRROR REMOTE CONTROL SWITCH |
| Connector Type | TCL8FW |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2 | P | - |
| 3 | V | - |
| 4 | LG | - |
| 5 | G | - |
| 6 | Y | - |
| 7 | BR | - |
| 12 | B | - |
| 13 | L | - |
| 15 | GR | - |
| 16 | V | - |

| | |
|----------------|-------------------|
| Connector No. | M34 |
| Connector Name | COMBINATION METER |
| Connector Type | T146FW-AM |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 1 | L | CAN-H |
| 2 | P | CAN-L |
| 4 | Y | VEHICLE SPEED SIGNAL (8-PULSE) |
| 5 | G | PADDLE SHIFTER UP SWITCH SIGNAL |
| 6 | BR | FUEL LEVEL SENSOR SIGNAL |
| 7 | R | AIR BAG SIGNAL |
| 8 | P | - |
| 9 | W | SEAT BELT BUCKLE SWITCH SIGNAL (DRIVER SIDE) |
| 10 | SB | PARKING BRAKE SWITCH SIGNAL |

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

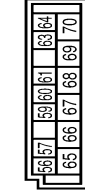
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---|
| 11 | G | BRAKE FLOOD LEVEL SWITCH SIGNAL |
| 12 | GR | IGNITION SWITCH SIGNAL |
| 13 | L | MANUAL MODE SHIF UP 2 SIGNAL |
| 14 | L | ACC POWER SUPPLY |
| 15 | W | MANUAL MODE SHIF DOWN SIGNAL |
| 16 | W | WASHER LEVEL SWITCH SIGNAL |
| 17 | G | SECURITY SIGNAL |
| 18 | R | AMBIENT SENSOR SIGNAL |
| 19 | GR | GROUND |
| 20 | R | GROUND |
| 21 | B | GROUND |
| 22 | B | GROUND |
| 23 | B | GROUND |
| 24 | L | FUEL LEVEL SENSOR GROUND |
| 25 | B | VDC GROUND |
| 26 | V | PADDALE SHIFTER DOWN SWITCH SIGNAL |
| 27 | LG | BATTERY POWER SUPPLY |
| 28 | GR | IGNITION SIGNAL |
| 29 | V | PASSENGER SEAT BELT WARNING SIGNAL |
| 31 | P | A/C AUTO AMP. CONNECTION RECOGNITION SIGNAL |
| 36 | Y | MANUAL MODE SIGNAL |
| 37 | G | NON-MANUAL MODE SIGNAL |
| 38 | P | ALTERNATOR SIGNAL |

| Connector No. | Connector Name | Connector Type |
|---------------|----------------|----------------|
| M60 | POWER SOCKET | P02FP-2 |



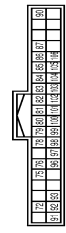
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | R | - |
| 2 | B | - |

| Connector No. | Connector Name | Connector Type |
|---------------|---------------------------|----------------|
| M69 | BCM (BODY CONTROL MODULE) | TH40FW-H146-5A |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 56 | P | INT ROOM LAMP PWR SPLY |
| 57 | P | BATT(L)SE |
| 58 | SB | PASS DOOR UNLK OUTPUT |
| 60 | V | TURN SIG RH OUTPUT |
| 61 | W | TURN SIG LH OUTPUT |
| 63 | BR | INT ROOM LAMP CONT |
| 64 | R | REVERSE SW |
| 65 | V | ALL DOOR LOCK OUTPUT |
| 66 | SB | DR DOOR UNLK OUTPUT |
| 67 | B | GND |
| 68 | L | PW PWR SPLY (IGN) |
| 69 | P | PW PWR SPLY (BAT) |
| 70 | Y | BAT (F/L) |

| Connector No. | Connector Name | Connector Type |
|---------------|---------------------------|----------------|
| M70 | BCM (BODY CONTROL MODULE) | TH40FW-04H |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 72 | SB | A/C IND OUTPUT |
| 73 | LG | DR DOOR REC SW |
| 76 | LG | PUSH SW |
| 78 | P | DRIVER DOOR ANT+ |
| 79 | V | DRIVER DOOR ANT- |
| 80 | BR | PASS DOOR ANT+ |
| 81 | G | PASS DOOR ANT- |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---------------------------------------|
| 82 | W | REAR W/RE ANT+ |
| 83 | R | REAR W/RE ANT- |
| 84 | BR | REAR W/RE ANT |
| 85 | GR | BCM ANT+ |
| 86 | V | BCM ANT+ |
| 87 | LG | BCM ANT+ |
| 90 | W | PUSH BTN IGN SW LLL PWR |
| 91 | V | ACC CON IND |
| 92 | R | PUSH BTN IGN SW LLL GND |
| 93 | GR | I-KEY WARN BUZZER |
| 94 | GR | ACC RELAY CONT |
| 97 | SB | STARTER RELAY CONT |
| 98 | P | IGN RELAY (I/DM/E/R) CONT |
| 99 | R | IGN RELAY (F/B) CONT |
| 100 | P | PASS DOOR REC SW |
| 101 | Y | CLUTCH INTERLOCK SW [FOR M/T MODELS] |
| 102 | L | IGN SPV INOZ. [EXCEPT FOR M/T MODELS] |
| 102 | L | NEUTRAL SW [FOR M/T MODELS] |
| 102 | L | P/M POSITION [EXCEPT FOR M/T MODELS] |
| 103 | G | FR DEFROST SW |
| 104 | SB | CVT SHIF SELECT PWR SPLY |
| 105 | V | STOP LAMP SW 2 |
| 106 | Y | BLWR RELAY CONT |

| Connector No. | Connector Name | Connector Type |
|---------------|----------------|-----------------|
| M77 | WIRE TO WIRE | TH80FW-C316-TM4 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 4 | V | - |
| 6 | P | - |
| 10 | R | - |
| 11 | R | - |
| 12 | LG | - |
| 13 | V | - |
| 14 | SHIELD | - |
| 34 | LG | - |
| 55 | SB | - |
| 96 | B | - |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 97 | P | - |
| 98 | R | - |
| 99 | L | - |
| 100 | SB | - |
| 101 | P | - |
| 102 | G | - |
| 103 | W | - |
| 104 | LG | - |
| 105 | LG | - |
| 106 | P | - |
| 84 | G | - |
| 85 | BR | - |
| 86 | LG | - |
| 90 | SHIELD | - |
| 91 | BR | - |
| 92 | L | - |
| 93 | BR | - |
| 94 | L | - |
| 97 | GR | - |
| 98 | G | - |
| 99 | R | - |
| 100 | LG | - |

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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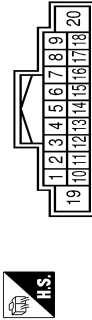
ACCESSORY POWER SUPPLY

| | |
|----------------|--------------|
| Connector No. | M78 |
| Connector Name | WIRE TO WIRE |
| Connector Type | UD2NB-MC |



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

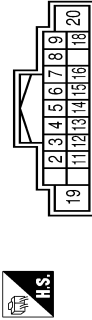
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| Connector No. | M108 |
| Connector Name | NAVI CONTROL UNIT |
| Connector Type | NH18FW-CS2 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---------------------------------|
| 1 | BR | MOORE AMP ON SIGNAL |
| 2 | W | SOUND SIGNAL FRONT SPEAKER LH + |
| 3 | GR | SOUND SIGNAL FRONT SPEAKER LH - |
| 4 | LG | SOUND SIGNAL REAR SPEAKER LH + |
| 5 | V | SOUND SIGNAL REAR SPEAKER LH - |
| 6 | G | STEERING SWITCH SIGNAL A |
| 7 | L | ACC POWER SUPPLY |
| 8 | L | CANH |
| 9 | V | ILLUMINATION CONTROL SIGNAL |
| 10 | SHIELD | SHIELD |
| 11 | G | SOUND SIGNAL FRONT SPEAKER RH + |
| 12 | R | SOUND SIGNAL FRONT SPEAKER RH - |
| 13 | BR | SOUND SIGNAL REAR SPEAKER RH + |
| 14 | Y | SOUND SIGNAL REAR SPEAKER RH - |
| 15 | V | STEERING SWITCH SIGNAL GROUND |
| 16 | R | STEERING SWITCH SIGNAL B |
| 17 | P | CANL |
| 18 | Y | VEHICLE SPEED SIGNAL (8-PULSE) |

| | | |
|----|----|----------------------|
| 19 | BR | BATTERY POWER SUPPLY |
| 20 | B | GROUND |

| | |
|----------------|------------|
| Connector No. | M129 |
| Connector Name | AUDIO UNIT |
| Connector Type | NH18FW-CS2 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------------|
| 2 | W | SOUND SIGNAL FRONT SPEAKER LH + |
| 3 | GR | SOUND SIGNAL FRONT SPEAKER LH - |
| 4 | LG | SOUND SIGNAL REAR SPEAKER LH + |
| 5 | V | SOUND SIGNAL REAR SPEAKER LH - |
| 6 | G | STEERING SWITCH SIGNAL A |
| 7 | L | ACC POWER SUPPLY |
| 8 | GR | ILLUMINATION CONTROL SIGNAL GROUND |
| 9 | V | ILLUMINATION CONTROL SIGNAL |
| 11 | G | SOUND SIGNAL FRONT SPEAKER RH + |
| 12 | R | SOUND SIGNAL FRONT SPEAKER RH - |
| 13 | BR | SOUND SIGNAL REAR SPEAKER RH + |
| 14 | V | SOUND SIGNAL REAR SPEAKER RH - |
| 15 | V | STEERING SWITCH SIGNAL GROUND |
| 16 | R | STEERING SWITCH SIGNAL B |
| 18 | X | VEHICLE SPEED SIGNAL (8-PULSE) |
| 19 | BR | BATTERY POWER SUPPLY |
| 20 | B | GROUND |





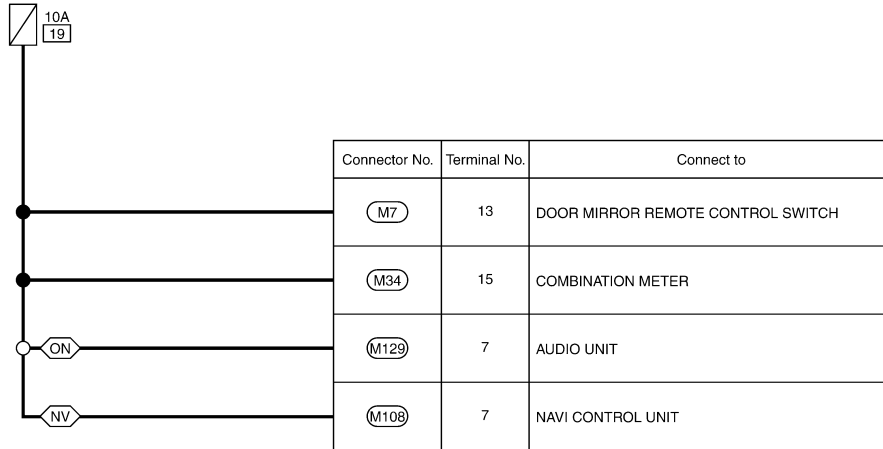
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - ACCESSORY POWER SUPPLY FUSE No.19 - ACCESSORY POWER SUPPLY FUSE No. 19

INFOID:000000012199782

 : With NAVI
 : Without NAVI



2014/09/22

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POWER SUPPLY ROUTING CIRCUIT

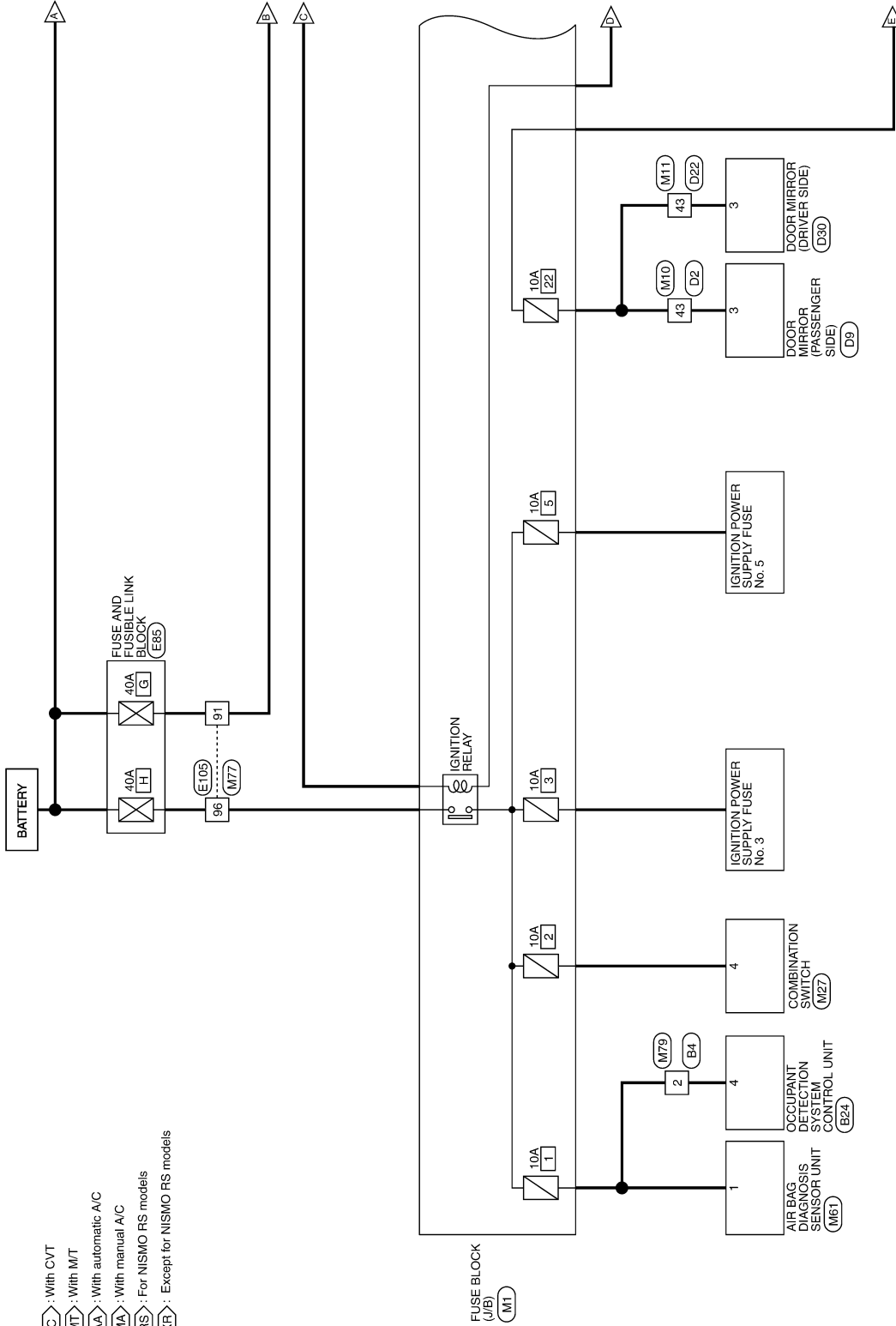
< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY -

INFOID:000000012199783

IGNITION POWER SUPPLY

- : With CVT
- : With M/T
- : With automatic A/C
- : With manual A/C
- : For NISMO RS models
- : Except for NISMO RS models



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

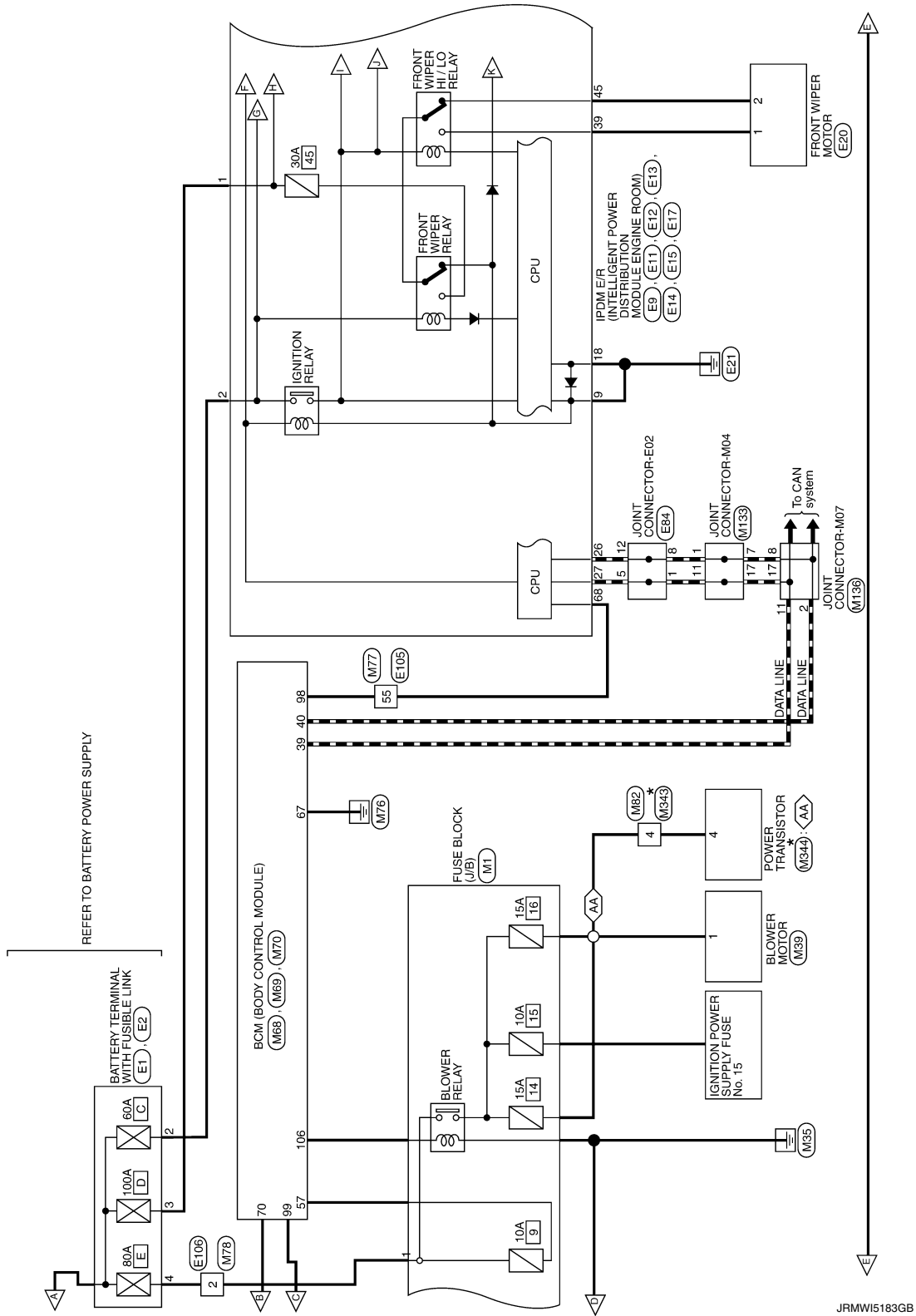
2015/08/18

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

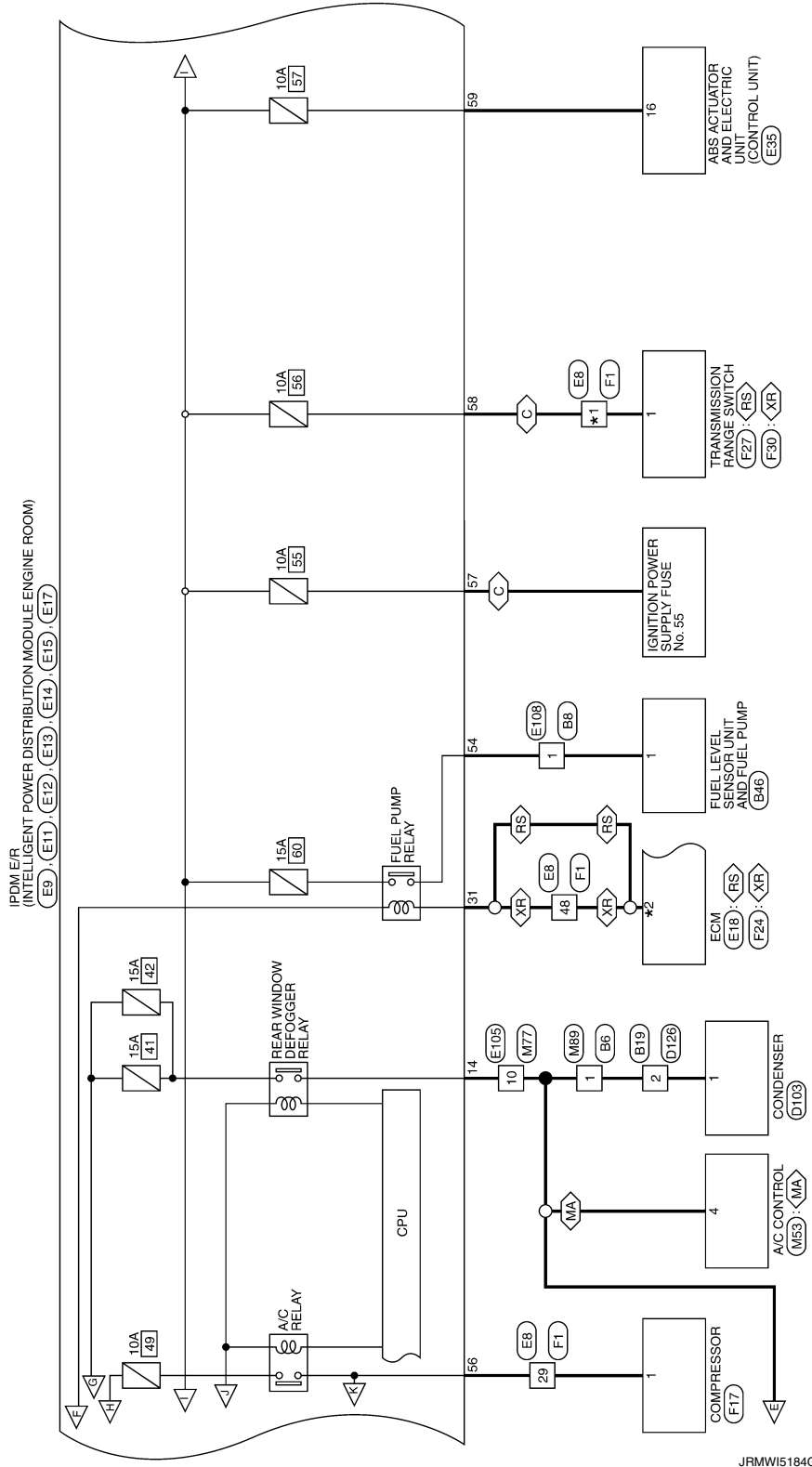


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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

- *1 37 : XR
- 48 : RS
- *2 82 : XR
- 117 : RS

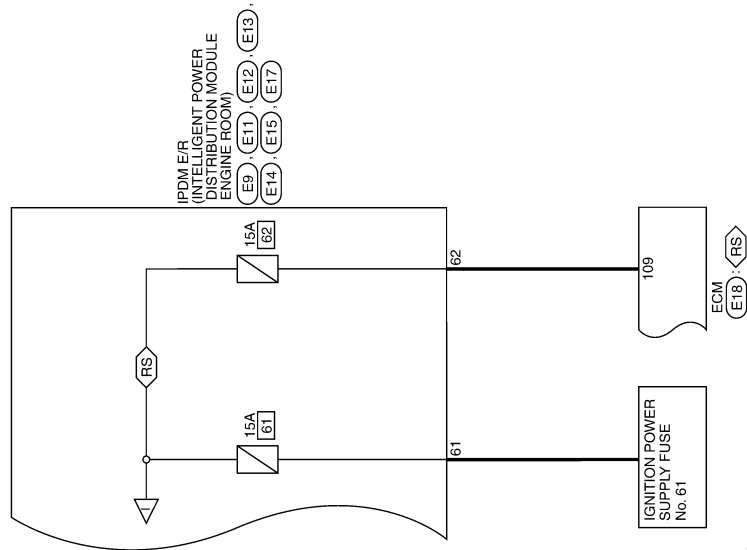


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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

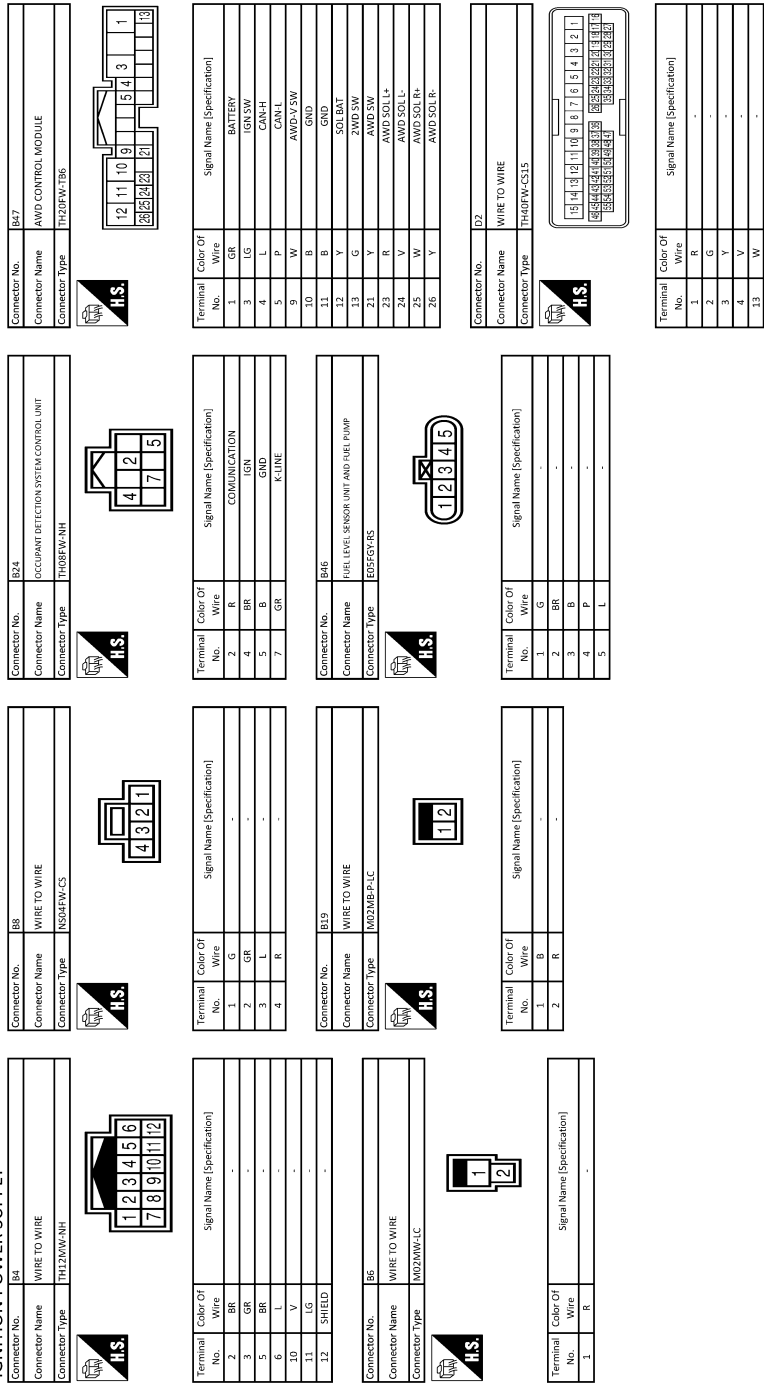


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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY



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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

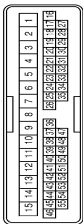
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 14 | SB | - |
| 15 | GR | - |
| 16 | GR | - |
| 17 | Y | - |
| 18 | W | - |
| 19 | R | - |
| 24 | R | - |
| 25 | G | - |
| 38 | G | - |
| 39 | B | - |
| 40 | LG | - |
| 41 | Y | - |
| 43 | P | - |
| 44 | V | - |
| 45 | W | - |
| 46 | BG | - |
| 50 | P | - |

| | |
|----------------|------------------------------|
| Connector No. | D9 |
| Connector Name | DOOR MIRROR (PASSENGER SIDE) |
| Connector Type | TH16MWW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | V | - |
| 2 | B | - |
| 3 | P | - |
| 4 | B | - |
| 6 | W | - |
| 7 | GR | - |
| 11 | BG | - |
| 12 | W | - |
| 13 | G | - |
| 14 | R | - |
| 15 | Y | - |

| | |
|----------------|--------------|
| Connector No. | D22 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH40PW-CS15 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | P | - |
| 2 | W | - |
| 3 | SB | - |
| 4 | V | - |
| 7 | G | - |
| 8 | BG | - |
| 9 | LG | - |
| 10 | Y | - |
| 11 | W | - |
| 12 | SB | - |
| 13 | B | - |
| 14 | L | - |
| 15 | P | - |
| 16 | LG | - |
| 17 | BR | - |
| 18 | V | - |
| 24 | G | - |
| 25 | R | - |
| 38 | G | - |
| 39 | B | - |
| 40 | V | - |
| 41 | P | - |
| 42 | R | - |
| 43 | GR | - |
| 44 | W | - |
| 45 | Y | - |
| 46 | BG | - |
| 47 | G | - |
| 48 | L | - |
| 49 | R | - |
| 50 | LG | - |
| 52 | BR | - |

| | |
|----------------|---------------------------|
| Connector No. | D30 |
| Connector Name | DOOR MIRROR (DRIVER SIDE) |
| Connector Type | TH16MWW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | W | - |
| 2 | B | - |
| 3 | GR | - |
| 4 | B | - |
| 6 | P | - |
| 7 | LG | - |
| 11 | BG | - |
| 12 | Y | - |
| 13 | G | - |
| 14 | V | - |
| 15 | BR | - |

| | |
|----------------|-----------|
| Connector No. | D103 |
| Connector Name | CONDENSER |
| Connector Type | PD315P-A |



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

| | |
|----------------|--------------|
| Connector No. | D126 |
| Connector Name | WIRE TO WIRE |
| Connector Type | MD21B-LC |



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

| | |
|----------------|------------------------------------|
| Connector No. | E1 |
| Connector Name | BATTERY TERMINAL WITH FUSIBLE LINK |
| Connector Type | LD21F04-MC |



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

JRMW15187GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

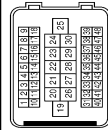
IGNITION POWER SUPPLY

| | |
|----------------|------------------------------------|
| Connector No. | EZ |
| Connector Name | BATTERY TERMINAL WITH FUSE/LE LINK |
| Connector Type | UD2FB-MC |



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

| | |
|----------------|--------------------|
| Connector No. | EE |
| Connector Name | WIRE TO WIRE |
| Connector Type | 5FA33EMB-RS1D-S122 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 2 | L | - |
| 3 | O | - |
| 4 | LG | - [For NISMO RS] |
| 5 | O | - [Except for NISMO RS] |
| 7 | BR | - |
| 10 | R | - |
| 11 | G | - [Except for NISMO RS] |
| 12 | G | - [For NISMO RS] |
| 13 | B | - [Except for NISMO RS] |
| 14 | L | - [For NISMO RS] |
| 14 | LG | - [Except for NISMO RS] |
| 15 | R | - |
| 16 | SB | - |
| 17 | GR | - |

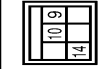
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 18 | W | - |
| 19 | LB | - |
| 20 | LW | - |
| 21 | G | - |
| 22 | Y | - [For NISMO RS] |
| 23 | B | - [Except for NISMO RS] |
| 23 | B | - [Except for NISMO RS] |
| 23 | SHIELD | - [For NISMO RS] |
| 24 | P | - |
| 25 | R | - |
| 26 | B | - |
| 27 | B | - |
| 28 | LG | - |
| 29 | SB | - |
| 30 | G | - [Except for NISMO RS] |
| 30 | P | - [For NISMO RS] |
| 31 | G | - |
| 32 | Y | - |
| 33 | BR | - |
| 34 | P | - [Except for NISMO RS] |
| 34 | W | - [For NISMO RS] |
| 37 | L | - [Without Intelligent Key] |
| 37 | LG | - [With Intelligent Key] |
| 38 | SB | - |
| 39 | B | - |
| 40 | P | - |
| 41 | V | - |
| 42 | L | - |
| 43 | BR | - [For NISMO RS] |
| 43 | W | - [Except for NISMO RS] |
| 44 | BR | - [Except for NISMO RS] |
| 45 | BR | - [For NISMO RS] |
| 46 | Y | - |
| 47 | SB | - |
| 48 | LG | - [With Intelligent Key] |
| 48 | Y | - [Without Intelligent Key] |

| | |
|----------------|---------------------------------------|
| Connector No. | E9 |
| Connector Name | POWER DISTRIBUTION MODULE ENGINE ROOM |
| Connector Type | UD2FB-MC |



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

| | |
|----------------|---------------------------------------|
| Connector No. | E11 |
| Connector Name | POWER DISTRIBUTION MODULE ENGINE ROOM |
| Connector Type | M06FB-LC |



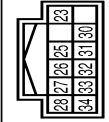
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 10 | R | - |
| 9 | R | - |
| 14 | R | - |

| | |
|----------------|---------------------------------------|
| Connector No. | E12 |
| Connector Name | POWER DISTRIBUTION MODULE ENGINE ROOM |
| Connector Type | N508BRC-S |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 18 | GR | - |
| 19 | R | - [Without front fog lamp] |
| 19 | W | - [With front fog lamp] |
| 20 | G | - [Without front fog lamp] |
| 20 | V | - [With front fog lamp] |

| | |
|----------------|---------------------------------------|
| Connector No. | E13 |
| Connector Name | POWER DISTRIBUTION MODULE ENGINE ROOM |
| Connector Type | TH12FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 23 | SB | - |
| 25 | BR | - |
| 26 | P | - |
| 27 | L | - |
| 28 | Y | - |
| 30 | V | - |
| 31 | Y | - |
| 32 | R | - |
| 33 | G | - |
| 34 | L | - |

A B C D E F G H I J K L N O P

PG

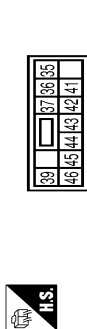
JRMW15188GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
|----------------|--|
| Connector No. | E14 |
| Connector Name | FROM ECU INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM) |
| Connector Type | NS12P4K-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 35 | G | - |
| 36 | P | - |
| 37 | L | - |
| 39 | L | - |
| 41 | BR | - |
| 42 | Y | - |
| 43 | L | - |
| 44 | BR | - |
| 45 | W | - |
| 46 | LG | - |

| | |
|----------------|--|
| Connector No. | E15 |
| Connector Name | FROM ECU INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM) |
| Connector Type | NS16P4K-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 48 | BR | - |
| 49 | Y | - |
| 50 | G | - |
| 51 | L | - |
| 52 | P | - |
| 54 | P | - |
| 55 | G | - |
| 56 | SB | - |
| 57 | O | - |
| 58 | LG | - |

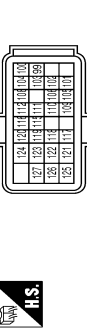
| | | |
|----|----|---|
| 69 | V | - |
| 70 | SB | - |
| 81 | LG | - |
| 82 | BE | - |

| | |
|----------------|--|
| Connector No. | E17 |
| Connector Name | FROM ECU INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM) |
| Connector Type | TH10FB-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 63 | P | - |
| 64 | Y | - |
| 65 | W | - |
| 66 | G | - |
| 67 | L | - |
| 68 | BE | - |
| 69 | BR | - |
| 72 | W | - |

| | |
|----------------|------------------|
| Connector No. | E18 |
| Connector Name | ECM |
| Connector Type | RR24EGV4B28-R-RH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-------------------------------------|
| 99 | P | CAN COMMUNICATION LINE (CAN-L) |
| 100 | L | CAN COMMUNICATION LINE (CAN-H) |
| 101 | V | SENSOR POWER SUPPLY |
| 102 | R | ACCELERATOR PEDAL POSITION SENSOR 1 |
| 103 | BR | PNP SIGNAL |
| 104 | R | DATA LINK CONNECTOR |

| | | |
|-----|----|-------------------------------------|
| 105 | GR | SENSOR GROUND |
| 106 | GR | POWER SUPPLY FOR ECM (BACKUP) |
| 108 | GR | CLUTCH PEDAL POSITION SWITCH |
| 109 | O | IGNITION SWITCH |
| 110 | P | ASC2 STEERING SWITCH |
| 111 | B | SENSOR GROUND |
| 112 | BR | ECM RELAY (SEA, SHAT OFF) |
| 115 | R | STOP LAMP SWITCH |
| 116 | G | BRAKE PEDAL POSITION SWITCH |
| 117 | Y | FUEL PUMP RELAY |
| 118 | O | SENSOR POWER SUPPLY |
| 119 | W | ACCELERATOR PEDAL POSITION SENSOR 2 |
| 120 | Y | SENSOR GROUND |
| 121 | G | POWER SUPPLY FOR ECM |
| 122 | G | THROTTLE CONTROL MOTOR POWER SUPPLY |
| 123 | GR | ECM GROUND |
| 124 | GR | ECM GROUND |
| 125 | L | A/F SENSOR 1 HEATER |
| 126 | W | HEATED OXYGEN SENSOR 2 HEATER |
| 127 | GR | ECM GROUND |

| | |
|----------------|-----------------|
| Connector No. | E19 |
| Connector Name | ECM |
| Connector Type | RR24FB-R28-L-LH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-------------------------------------|
| 121 | L | EVAP CONTROL SYSTEM PRESSURE SENSOR |
| 123 | P | CAN COMMUNICATION LINE (CAN-L) |
| 124 | L | CAN COMMUNICATION LINE (CAN-H) |
| 125 | G | SENSOR POWER SUPPLY |
| 128 | SB | FUEL TANK TEMPERATURE SENSOR |
| 132 | GR | CLUTCH PEDAL POSITION SWITCH |
| 133 | LG | IGNITION SWITCH |
| 134 | P | ASC2 STEERING SWITCH |
| 135 | B | SENSOR GROUND |
| 139 | R | STOP LAMP SWITCH |
| 140 | G | BRAKE PEDAL POSITION SWITCH |
| 141 | L | EVAP CANISTER VENT CONTROL VALVE |
| 142 | O | SENSOR POWER SUPPLY |
| 143 | W | ACCELERATOR PEDAL POSITION SENSOR 2 |

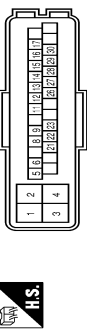
| | | |
|-----|----|-------------------------------------|
| 144 | V | SENSOR GROUND |
| 145 | G | POWER SUPPLY FOR ECM |
| 146 | Y | SENSOR POWER SUPPLY |
| 147 | GR | ECM GROUND |
| 148 | Y | SENSOR GROUND |
| 149 | GR | ECM GROUND |
| 150 | R | ACCELERATOR PEDAL POSITION SENSOR 1 |
| 151 | GR | SENSOR GROUND |
| 152 | GR | ECM GROUND |

| | |
|----------------|-------------------|
| Connector No. | E20 |
| Connector Name | FRONT WIPER MOTOR |
| Connector Type | FRM05FG-B |



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

| | |
|----------------|--|
| Connector No. | E25 |
| Connector Name | REACTIVATOR AND ELECTRIC UNIT (CONTROL UNIT) |
| Connector Type | RR28FB-N14-LH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | W | BAT (MTR) |
| 2 | L | BAT (SOL) |
| 3 | B | GRD (SOL) |
| 4 | B | GRD (MTR) |
| 5 | R | VDC_OFF_SW |

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

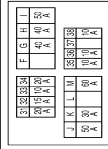
| | | |
|----|----|----------------|
| 6 | G | ASCD CANCEL SW |
| 8 | R | STOP LAMP SW |
| 9 | R | GENE |
| 11 | BR | DS RR |
| 12 | W | DS FT |
| 13 | G | VCC |
| 14 | R | SERIAL+ |
| 15 | V | DS RR |
| 16 | V | IGN |
| 17 | W | REVERSE SIGNAL |
| 21 | V | D9 FR |
| 22 | L | CANH |
| 23 | LG | DP FL |
| 26 | G | RR LH SENS VB |
| 27 | BR | DS FL |
| 28 | B | GND |
| 29 | W | SERIAL- |
| 30 | BE | RR LH SENS SIG |

| | |
|----------------|---------------------|
| Connector No. | EE4 |
| Connector Name | JOINT CONNECTOR-EE2 |
| Connector Type | A12FL |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 2 | L | - |
| 3 | L | - |
| 4 | L | - |
| 5 | L | - |
| 6 | L | - |
| 7 | P | - |
| 8 | P | - |
| 9 | P | - |
| 10 | P | - |
| 11 | P | - |
| 12 | P | - |

| | |
|----------------|-----------------------------|
| Connector No. | EE5 |
| Connector Name | FUSE AND FUSIBLE LINK BLOCK |
| Connector Type | Z4381_C990A |



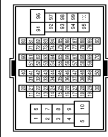
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 31 | Y | - |
| 32 | BR | - |
| 33 | LG | - |
| 34 | R | - |
| 35 | BR | - |
| 36 | V | - |
| 38 | W | - |
| G | G | - |
| H | P | - |
| I | L | - |
| J | V | - [Without MT] |
| J | W/R | - [With MT] |
| K | W | - |
| M | R | - |

| | |
|----------------|------------------|
| Connector No. | EE2 |
| Connector Name | STOP LAMP SWITCH |
| Connector Type | MDFM-LC |



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

| | |
|----------------|------------------|
| Connector No. | E105 |
| Connector Name | WIRE TO WIRE |
| Connector Type | T1082AW-CS16-TM4 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 4 | Y | - |
| 6 | P | - |
| 10 | R | - |
| 11 | W | - |
| 12 | B | - |
| 13 | R | - |
| 14 | SHIELD | - |
| 34 | BE | - |
| 35 | R | - |
| 36 | B | - |
| 37 | P | - |
| 52 | R | - |
| 53 | BR | - |
| 54 | V | - |
| 55 | W | - |
| 56 | BE | - |
| 58 | G | - |
| 63 | Y | - |
| 65 | V | - |
| 64 | LG | - |
| 65 | L | - |
| 66 | R | - |
| 67 | W | - |
| 68 | 5B | - |
| 68 | 5B | - |
| 70 | BR | - |
| 71 | LG | - |
| 72 | V | - |
| 73 | L | - |
| 76 | R | - |
| 78 | B | - |
| 79 | W | - |
| 80 | L | - |
| 83 | Y | - |
| 84 | LG | - |
| 85 | P | - |

| | | |
|-----|--------|---|
| 85 | BE | - |
| 90 | SHIELD | - |
| 91 | G | - |
| 92 | G | - |
| 95 | BR | - |
| 96 | P | - |
| 97 | GF | - |
| 98 | W | - |
| 99 | V | - |
| 100 | O | - |

| | |
|----------------|--------------|
| Connector No. | E106 |
| Connector Name | WIRE TO WIRE |
| Connector Type | L02FE-MC |



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

| | |
|----------------|--------------|
| Connector No. | E108 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS04AW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | P | - |
| 2 | LG | - |
| 3 | BR | - [For NSMD RS] |
| 3 | L | - [Except for NSMD RS] |
| 4 | P | - |

A
B
C
D
E
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I
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K
L
N
O
P

PG

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

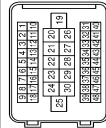
IGNITION POWER SUPPLY

| | |
|----------------|-----------------------------|
| Connector No. | F12 |
| Connector Name | BRAKE PEDAL POSITION SWITCH |
| Connector Type | MD2F8ALC |



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

| | |
|----------------|-------------------|
| Connector No. | F1 |
| Connector Name | WIRE TO WIRE |
| Connector Type | 5A434FB-RS1D-S1Z2 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | P | - |
| 2 | L | - |
| 3 | W | [Except for NISMO RS] |
| 3 | Y | [Except for NISMO RS] |
| 4 | BG | [Except for NISMO RS] |
| 4 | GR | [Except for NISMO RS] |
| 5 | LG | - |
| 7 | G | - |
| 10 | R | [Except for NISMO RS] |
| 10 | Y | [Except for NISMO RS] |
| 11 | G | [Except for NISMO RS] |
| 11 | Y | [Except for NISMO RS] |
| 12 | G | - |
| 13 | B | [Except for NISMO RS] |
| 13 | BG | [Except for NISMO RS] |
| 14 | L | [Except for NISMO RS] |
| 14 | V | [Except for NISMO RS] |
| 15 | BR | - |

| | | |
|----|----|---|
| 16 | P | - |
| 17 | SB | - |
| 18 | G | - |
| 19 | C | - |
| 20 | BR | - |
| 21 | G | - |
| 22 | BR | [For NISMO RS] [Except for NISMO RS] |
| 23 | B | - |
| 24 | R | - |
| 25 | R | - |
| 26 | B | - |
| 27 | B | - |
| 28 | R | - |
| 29 | W | - |
| 30 | GR | [Except for NISMO RS] [For NISMO RS] |
| 31 | RG | - |
| 32 | LG | - |
| 33 | BR | - |
| 34 | G | [For NISMO RS] [Except for NISMO RS] |
| 34 | P | [Without intelligent key] [With intelligent key] |
| 37 | GR | - |
| 38 | R | - |
| 39 | GR | - |
| 40 | P | - |
| 41 | BR | [For NISMO RS] [Except for NISMO RS] |
| 41 | V | [For NISMO RS] [Except for NISMO RS] |
| 42 | W | - |
| 43 | L | [Except for NISMO RS] |
| 43 | W | [Except for NISMO RS] |
| 44 | BR | [Except for NISMO RS] |
| 44 | G | [For NISMO RS] |
| 45 | BR | - |
| 46 | R | - |
| 47 | Y | - |
| 48 | GR | [With intelligent key] [Without intelligent key] |
| 48 | Y | - |

| | |
|----------------|-----------|
| Connector No. | F13 |
| Connector Name | CONDENSER |
| Connector Type | MD2F8ALC |



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

| | |
|----------------|------------|
| Connector No. | F17 |
| Connector Name | COMPRESSOR |
| Connector Type | RS01FB |



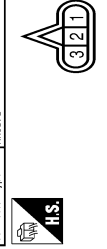
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | W | MAGNET CLUTCH POWER SUPPLY |

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



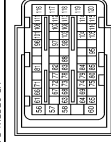
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2 | R | - |
| 3 | LG | - |

| | |
|----------------|---------------------|
| Connector No. | F22 |
| Connector Name | OUTPUT SPEED SENSOR |
| Connector Type | RK03FB |



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

| | |
|----------------|------------------|
| Connector No. | F24 |
| Connector Name | ECM |
| Connector Type | MAB55FB-MB51D-1H |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---|
| 56 | R | EGR VOLUME CONTROL VALVE POWER SUPPLY |
| 57 | W | EGR VOLUME CONTROL VALVE MOTOR (+) |
| 58 | R | EGR VOLUME CONTROL VALVE MOTOR (-) |
| 60 | B | ECM GROUND |
| 61 | W | SENSOR POWER SUPPLY |
| 63 | L | SENSOR GROUND |
| 64 | SHIELD | SHIELD |
| 65 | R | WASTEGATE CONTROL VALVE POSITION SENSOR |
| 66 | G | SENSOR POWER SUPPLY |
| 67 | BR | CAMSHAFT POSITION SENSOR |

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

| IGNITION POWER SUPPLY | | | |
|-----------------------|-----|---|--|
| 68 | GR | I | EGR VOLUME CONTROL VALVE POSITION SENSOR |
| 69 | LG | I | EXHAUST VALVE TIMING CONTROL POSITION SENSOR |
| 70 | B | I | SENSOR GROUND |
| 71 | B | I | SENSOR GROUND |
| 72 | GR | I | SENSOR POWER SUPPLY |
| 73 | GR | I | SENSOR POWER SUPPLY |
| 74 | B | I | A/F SENSOR 1 |
| 75 | L | I | MULTI-WAY CONTROL VALVE POSITION SENSOR |
| 77 | V | I | INTAKE AIR TEMPERATURE SENSOR 2 |
| 78 | R | I | SENSOR GROUND |
| 79 | W | I | A/F SENSOR 1 |
| 80 | W | I | THROTTLE POSITION SENSOR 2 |
| 81 | BR | I | ECM RELAY (SELF SHUT-OFF) |
| 82 | Y | I | FUEL PUMP RELAY |
| 83 | B | I | SENSOR POWER SUPPLY |
| 84 | W | I | HEATED OXYGEN SENSOR 2 |
| 85 | R | I | SENSOR GROUND |
| 88 | G | I | THROTTLE POSITION SENSOR 1 |
| 95 | LG | I | IGNITION SIGNAL NO.2 |
| 96 | R | I | IGNITION SIGNAL NO.1 |
| 97 | Y | I | THROTTLE CONTROL MOTOR RELAY |
| 98 | R | I | ENGINE OIL PRESSURE CONTROL SOLENOID VALVE |
| 101 | 5B | I | IGNITION SIGNAL NO.4 |
| 103 | BR | I | PNP SIGNAL |
| 104 | P | I | IGNITION SIGNAL NO.3 |
| 105 | BR | I | TURBOCHARGER BYPASS CONTROL VALVE |
| 106 | R | I | ELECTRIC WASTEGATE CONTROL ACTUATOR POWER SUPPLY |
| 107 | L/Y | I | ELECTRIC WASTEGATE CONTROL ACTUATOR MOTOR (O) |
| 108 | P/Y | I | ELECTRIC WASTEGATE CONTROL ACTUATOR MOTOR (I) |
| 110 | B | I | ECU GROUND |
| 111 | W | I | INTAKE VALVE TIMING CONTROL SOLENOID VALVE |
| 112 | W | I | INTAKE VALVE TIMING CONTROL SOLENOID VALVE |
| 113 | Y | I | POWER SUPPLY FOR ECM (ENGINE OFF POWER) |
| 114 | L | I | START CHARGE RELAY CONTROL SOLENOID VALVE |
| 115 | L | I | START CHARGE RELAY CONTROL SOLENOID VALVE |
| 116 | G | I | A/F SENSOR 1 HEATER |
| 117 | G | I | HEATED OXYGEN SENSOR 2 HEATER |
| 118 | GR | I | THROTTLE CONTROL MOTOR POWER SUPPLY |
| 119 | GR | I | THROTTLE CONTROL MOTOR (OPEN) |
| 120 | BR | I | THROTTLE CONTROL MOTOR (CLOSE) |

| | |
|----------------|---|
| Connector No. | F35 |
| Connector Name | IGNITION COIL No. 3 (WITH POWER TRANSDUCER) |
| Connector Type | ED33CF-RS |



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

| | |
|----------------|---|
| Connector No. | F36 |
| Connector Name | IGNITION COIL No. 4 (WITH POWER TRANSDUCER) |
| Connector Type | ED33CF-RS |



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

| | |
|----------------|---|
| Connector No. | F33 |
| Connector Name | IGNITION COIL No. 1 (WITH POWER TRANSDUCER) |
| Connector Type | ED33CF-RS |



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

| | |
|----------------|---|
| Connector No. | F34 |
| Connector Name | IGNITION COIL No. 2 (WITH POWER TRANSDUCER) |
| Connector Type | ED33CF-RS |



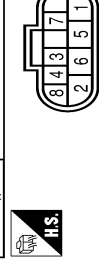
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | LG | - |
| 2 | B | - |
| 3 | R | - |

| | |
|----------------|---------------------------|
| Connector No. | F27 |
| Connector Name | TRANSMISSION RANGE SWITCH |
| Connector Type | TR088FG |



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

| | |
|----------------|---------------------------|
| Connector No. | F30 |
| Connector Name | TRANSMISSION RANGE SWITCH |
| Connector Type | YD0X088H-H54 |



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

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POWER SUPPLY ROUTING CIRCUIT

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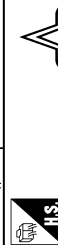
IGNITION POWER SUPPLY

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| Connector No. | F49 |
| Connector Name | PARK / NEUTRAL POSITION SWITCH |
| Connector Type | RK03FB |



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

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



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

| | |
|----------------|--------------------------------|
| Connector No. | F56 |
| Connector Name | PARK / NEUTRAL POSITION SWITCH |
| Connector Type | RK03FB |



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

| | |
|----------------|---------------------|
| Connector No. | F57 |
| Connector Name | BACK-UP LAMP SWITCH |
| Connector Type | RK03FB |



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

| | |
|----------------|--------------------|
| Connector No. | F77 |
| Connector Name | INPUT SPEED SENSOR |
| Connector Type | RK03FB |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | B | SENSOR_GND |
| 2 | V | TURBIN_SENSOR |
| 3 | LG | VIGN |

| | |
|----------------|-----------------|
| Connector No. | F81 |
| Connector Name | TCM |
| Connector Type | RH40FB-R28-L-RH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------|
| 1 | G | R RANGE SW |
| 2 | Y | N RANGE SW |
| 3 | W | D RANGE SW |
| 4 | V | GROUND |
| 5 | B | GROUND |
| 8 | BR | CLOCK (SEL 2) |
| 9 | G | CHIP SELECT (SEL 1) |
| 10 | W | DATE / IO (SEL 3) |
| 11 | L | P RANGE SW |
| 13 | SB | CVT FLUID TEMPERATURE SENSOR |
| 15 | P | SECONDARY PRESSURE SENSOR |
| 26 | LG | SENSOR POWER SUPPLY |
| 27 | GR | STEP MOTOR D |
| 28 | V | STEP MOTOR C |
| 29 | BG | STEP MOTOR B |
| 30 | R | STEP MOTOR A |

| | | |
|----|----|--|
| 31 | P | CAN-L |
| 32 | L | CAN-L |
| 33 | RG | PRIMARY SPEED SENSOR |
| 34 | R | SECONDARY SPEED SENSOR |
| 37 | L | LOCK-UP SELECT SOLENOID VALVE |
| 38 | G | TORQUE CONVERTER CLUTCH SOLENOID VALVE |
| 39 | W | SECONDARY PRESSURE SOLENOID VALVE |
| 40 | Y | GROUND |
| 42 | B | GROUND |
| 46 | LG | IGNITION POWER SUPPLY |
| 47 | BG | BATTERY POWER SUPPLY (MEMORY BACK-UP) |
| 48 | Y | IGNITION POWER SUPPLY |

| | |
|----------------|-----------------|
| Connector No. | F83 |
| Connector Name | TCM |
| Connector Type | RH40FB-R28-L-RH |



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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

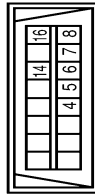
| | | |
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| 45 | V | BATTERY POWER SUPPLY |
| 46 | GR | BATTERY POWER SUPPLY |
| 47 | LG | IGNITION POWER SUPPLY |
| 48 | W | IGNITION POWER SUPPLY |

| | |
|----------------|------------------|
| Connector No. | M1 |
| Connector Name | FUSE BLOCK (1/8) |
| Connector Type | LO1FW-MC |



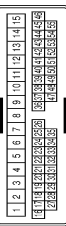
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | W | - |

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| Connector No. | M4 |
| Connector Name | DATA LINK CONNECTOR |
| Connector Type | BD15FW |



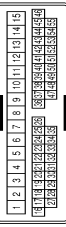
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 4 | B | - |
| 5 | B | - |
| 6 | L | - |
| 7 | W | - |
| 8 | LG | - |
| 14 | P | - |
| 16 | Y | - |

| | |
|----------------|--------------|
| Connector No. | M10 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH402WK-CS15 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | R | - |
| 2 | G | - |
| 3 | SB | - |
| 4 | V | - |
| 13 | GR | - |
| 14 | GR | - |
| 15 | L | - |
| 16 | SHIELD | - |
| 17 | Y | - |
| 18 | G | - |
| 19 | L | - |
| 24 | R | - |
| 25 | G | - |
| 38 | Y | - |
| 39 | B | - |
| 40 | BR | - |
| 41 | G | - |
| 42 | V | - |
| 43 | Y | - |
| 44 | P | - |
| 45 | G | - |
| 46 | LG | - |
| 47 | BR | - |
| 48 | L | - |
| 49 | LG | - |
| 50 | P | - |

| | |
|----------------|--------------|
| Connector No. | M11 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH402WK-CS15 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | GR | - |
| 2 | W | - |
| 3 | SB | - |
| 4 | W | - |
| 7 | R | - |
| 8 | G | - |
| 9 | LG | - |
| 10 | Y | - |
| 11 | GR | - |
| 12 | GR | - |
| 13 | B | - |
| 14 | L | - |
| 15 | P | - |
| 15 | SHIELD | - |
| 17 | R | - |
| 18 | B | - |
| 22 | Y | - |
| 23 | BR | - |
| 25 | Y | - |
| 38 | W | - |
| 39 | B | - |
| 40 | V | - |
| 41 | P | - |
| 42 | GR | - |
| 43 | V | - |
| 44 | P | - |
| 45 | G | - |
| 46 | Y | - |
| 47 | GR | - |
| 48 | L | - |
| 49 | R | - |
| 50 | LG | - |
| 52 | BR | - |

| | |
|----------------|--------------------|
| Connector No. | M27 |
| Connector Name | COMBINATION SWITCH |
| Connector Type | TH15FW-MH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | LG | WASHER (RR) |
| 2 | GR | OUTPUT 4 |
| 3 | R | WASHER (FR) |
| 4 | W | IGN |
| 5 | BR | OUTPUT 3 |
| 6 | B | GND |
| 7 | V | OUTPUT 3 |
| 8 | L | OUTPUT 5 |
| 9 | R | INPUT 2 |
| 10 | Y | INPUT 4 |
| 11 | P | INPUT 1 |
| 12 | W | OUTPUT 1 |
| 13 | LG | INPUT 5 |
| 14 | G | OUTPUT 2 |

| | |
|----------------|-----------------------|
| Connector No. | M33 |
| Connector Name | STEERING ANGLE SENSOR |
| Connector Type | TH08FW-MH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | B | GND |
| 2 | P | CAN-L |
| 4 | LG | IGN |
| 5 | L | CAN-H |

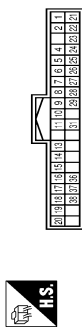
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
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| Connector No. | M34 |
| Connector Name | COMBINATION METER |
| Connector Type | TH407FV-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 1 | L | CAN-H |
| 2 | P | CAN-L |
| 4 | Y | VEHICLE SPEED SIGNAL (8-PULSE) |
| 5 | G | PADDLE SHIFTER UP SWITCH SIGNAL |
| 6 | BR | FUEL LEVEL SENSOR SIGNAL |
| 7 | R | AIR BAG SIGNAL |
| 8 | P | - |
| 9 | W | SEAT BELT BUCKLE SWITCH SIGNAL (DRIVER SIDE) |
| 10 | SB | PARKING BRAKE SWITCH SIGNAL |
| 11 | G | BRAKE FLUID LEVEL SWITCH SIGNAL |
| 13 | GR | ILLUMINATION CONTROL SIGNAL |
| 14 | R | MANUAL MODE SHIFT UP SIGNAL |
| 15 | L | ACC POWER SUPPLY |
| 16 | W | MANUAL MODE SHIFT DOWN SIGNAL |
| 17 | G | WASHER FLUID LEVEL SWITCH SIGNAL |
| 18 | G | ACC FUSE SIGNAL |
| 19 | GR | AMBIENT SENSOR SIGNAL |
| 20 | R | AMBIENT SENSOR GROUND |
| 21 | B | GROUND |
| 22 | B | GROUND |
| 23 | B | GROUND |
| 24 | L | FUEL LEVEL SENSOR GROUND |
| 25 | B | VDC GROUND |
| 26 | V | PADDLE SHIFTER DOWN SWITCH SIGNAL |
| 27 | LG | BATTERY POWER SUPPLY |
| 28 | GR | IGNITION SIGNAL |
| 29 | V | PASSENGER SEAT BELT WARNING SIGNAL |
| 31 | P | A/C AUTO AMP. CONNECTION RECOGNITION SIGNAL |
| 36 | Y | MANUAL MODE SIGNAL |
| 37 | G | NON-MANUAL MODE SIGNAL |
| 38 | P | ALTERNATOR SIGNAL |

| | |
|----------------|------------------|
| Connector No. | M37 |
| Connector Name | EPS CONTROL UNIT |
| Connector Type | TH087FV-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | P | CAN-L |
| 2 | L | CAN-H |
| 4 | LG | IGN |

| | |
|----------------|--------------|
| Connector No. | M39 |
| Connector Name | BLOWER MOTOR |
| Connector Type | TH007FW |



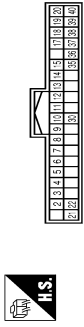
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | Y | - |
| 2 | L | - |

| | |
|----------------|---------------------|
| Connector No. | M44 |
| Connector Name | THERMO CONTROL AMP. |
| Connector Type | S06FW |



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

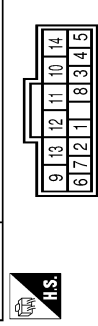
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| Connector No. | M50 |
| Connector Name | A/C AUTO AMP. |
| Connector Type | TH407FV-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---|
| 2 | LG | IN-VEHICLE SENSOR SIGNAL |
| 3 | V | INTAKE SENSOR SIGNAL |
| 4 | GR | AMBIENT SENSOR SIGNAL |
| 5 | P | SUNLOAD SENSOR SIGNAL |
| 6 | L | CAN-H |
| 7 | P | CAN-L |
| 8 | W | INTAKE DOOR MOTOR PBR POWER SUPPLY |
| 9 | P | A/C AUTO AMP. CONNECTION RECOGNITION SIGNAL |
| 10 | R | SENSOR GROUND |
| 11 | LG | IGNITION POWER SUPPLY |
| 12 | Y | BATTERY POWER SUPPLY |
| 13 | GR | POWER TRANSISTOR CONTROL SIGNAL |
| 14 | LG | BLOWER FAN ON SIGNAL |
| 15 | Y | A/C ON SIGNAL |
| 17 | BR | A/MIX DRIVE SIGNAL 4 |

| | | |
|----|----|----------------------------------|
| 18 | GR | A/MIX DRIVE SIGNAL 3 |
| 19 | V | A/MIX DRIVE SIGNAL 2 |
| 20 | V | A/MIX DRIVE SIGNAL 1 |
| 21 | G | IGNITION POWER SUPPLY |
| 22 | SB | INTAKE DOOR MOTOR PBR P/B SIGNAL |
| 30 | B | GROUND |
| 35 | LG | REC DRIVE SIGNAL |
| 36 | V | FIRE DRIVE SIGNAL |
| 37 | R | MODE DRIVE SIGNAL 4 |
| 38 | P | MODE DRIVE SIGNAL 3 |
| 39 | Y | MODE DRIVE SIGNAL 2 |
| 40 | V | MODE DRIVE SIGNAL 1 |

| | |
|----------------|--------------|
| Connector No. | M53 |
| Connector Name | A/C CONTROL |
| Connector Type | SFA07FB-SHMS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | W | - |
| 2 | SB | - |
| 3 | W | - |
| 4 | R | - |
| 5 | V | - |
| 6 | GR | - |
| 7 | G | - |
| 8 | B | - |
| 9 | B | - |
| 10 | W | - |
| 11 | R | - |
| 12 | Y | - |
| 13 | L | - |
| 14 | LG | - |

POWER SUPPLY ROUTING CIRCUIT

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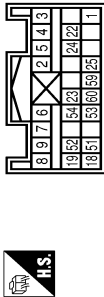
IGNITION POWER SUPPLY

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| Connector No. | M55 |
| Connector Name | AIR MIX DOOR MOTOR |
| Connector Type | MA468FB |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | W | A/MIX DRIVE SIGNAL 2 |
| 2 | LG | IGN |
| 3 | BR | A/MIX DRIVE SIGNAL 4 |
| 4 | L | A/MIX DRIVE SIGNAL 1 |
| 6 | GR | A/MIX DRIVE SIGNAL 3 |

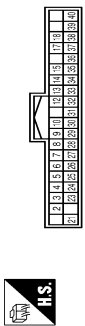
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| Connector No. | M61 |
| Connector Name | AIR BAG DIAGNOSIS SENSOR UNIT |
| Connector Type | NH28FYEX |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | BR | IGN |
| 2 | B | GND |
| 3 | Y | DR.1 (H) |
| 4 | Y | INFLATOR. DR1-8DR2- |
| 5 | Y | DR.2 (H) |
| 6 | Y | INFLATOR. AS1+ |
| 7 | Y | INFLATOR. AS1- |
| 8 | Y | AS2 (H) |
| 9 | Y | AS2 (L) |
| 18 | LG | ECZ5 (H) |
| 19 | V | ECZ5 (L) |
| 22 | SHIELD | SHIELD |
| 23 | R | AIR BAG W/L |
| 24 | V | SEAT BELT W/L |
| 25 | G | CUTOFF TAILALE |

| | | |
|----|----|----------------|
| 51 | R | FANSS SENS RH- |
| 52 | G | FANSS SENS RH- |
| 53 | G | FANSS SENS LH- |
| 54 | BR | FANSS SENS LH- |
| 55 | L | FANSS SENS LH- |
| 60 | P | GNL |

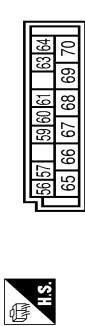
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| Connector No. | M68 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | TH407B-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2 | L | COMBI SW INPUT 5 |
| 3 | GR | COMBI SW INPUT 4 |
| 4 | BR | COMBI SW INPUT 3 |
| 5 | G | COMBI SW INPUT 2 |
| 6 | W | COMBI SW INPUT 1 |
| 7 | L | REVERSE SW |
| 8 | R | KEY CYL UNLOCK SW |
| 9 | R | STOP LAMP SW 1 |
| 10 | R | STOP LAMP SW 2 |
| 12 | GR | DOOR K & LINK SW LOCK |
| 13 | BR | DOOR LK & LINK SW UNLOCK |
| 14 | W | REAR WINDOW DEF SW |
| 15 | Y | OPTICAL SENS PWS SWLY |
| 17 | Y | RECEIVER GND |
| 18 | V | MATS ANT AMP |
| 21 | P | SECURITY IND LAMP CONT |
| 23 | R | DONGLE LINK |
| 24 | SB | MATS ANT AMP |
| 25 | LG | THERMO AMP |
| 26 | BR | A/E SW |
| 27 | Y | BLOWER FAN SW |
| 28 | LG | HAZARD SW |
| 29 | SB | DR DOOR OPENER SW |
| 30 | L | BR DOOR UNLK SENS |
| 31 | GR | COMBI SW OUTPUT 5 |
| 32 | LG | COMBI SW OUTPUT 4 |
| 33 | Y | COMBI SW OUTPUT 3 |

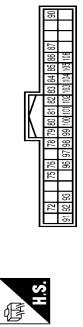
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| 35 | R | COMBI SW OUTPUT 2 |
| 36 | C | COMBI SW OUTPUT 1 |
| 37 | L | FR DTH SW |
| 38 | SB | REGG COMMM |
| 39 | L | CONLT |
| 40 | P | GNL |

| | |
|----------------|---------------------------|
| Connector No. | M69 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | FEA09FW-FHAG-5A |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 56 | P | INT ROOM LAMP PWR SWLY |
| 57 | P | BATT(FUSE) |
| 59 | SB | PASS DOOR UNLK OUTPUT |
| 60 | V | TURN SIG LH OUTPUT |
| 61 | W | TURN SIG RH OUTPUT |
| 63 | BR | INT ROOM LAMP CONT |
| 64 | R | REVERSE SW |
| 65 | R | ALL DOOR LOCK OUTPUT |
| 66 | SB | DR DOOR UNLK OUTPUT |
| 67 | SB | LOCK UNLK SWLY |
| 68 | B | PWS PWR SWLY (IGN) |
| 69 | P | PWS PWR SWLY (BAT) |
| 70 | Y | BAT (F/L) |

| | |
|----------------|---------------------------|
| Connector No. | M70 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | TH46FW-NH |



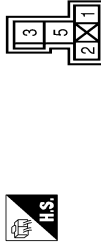
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--------------------------------------|
| 72 | SB | A/C IND OUTPUT |
| 75 | LG | DR DOOR REQ SW |
| 76 | LG | PUSH SW |
| 78 | P | DRIVER DOOR ANT+ |
| 79 | V | DRIVER DOOR ANT- |
| 80 | BR | PASS DOOR ANT+ |
| 81 | G | PASS DOOR ANT- |
| 82 | W | REAR BMPR ANT+ |
| 83 | B | REAR BMPR ANT- |
| 84 | BR | ROOM ANT 1+ |
| 85 | GR | ROOM ANT 1- |
| 86 | V | ROOM ANT 2+ |
| 87 | LG | ROOM ANT 2- |
| 90 | W | PUSH-SWY IGN SW L/L PWR |
| 91 | V | A/C/ ON IND |
| 92 | L | PUSH-SWY IGN SW R/L GND |
| 93 | SB | LOCK SWLY |
| 97 | SB | STARTER RELAY CONT |
| 98 | P | IGN RELAY (LDR/LR) CONT |
| 99 | P | IGN RELAY (R/R) CONT |
| 100 | P | PASS DOOR REQ SW |
| 101 | Y | CLUTCH INTERLOCK SW (FOR M/T MODELS) |
| 101 | Y | IGN SWY NO2. (EXCEPT FOR M/T MODELS) |
| 102 | L | NEUTRAL SW (FOR M/T MODELS) |
| 102 | L | P/A POSITION (EXCEPT FOR M/T MODELS) |
| 103 | G | FR DEFROST SW |
| 104 | SB | CVT SHIFT SELECT PWR SWLY |
| 105 | V | STOP LAMP SW 2 |
| 106 | Y | BLWR RELAY CONT |

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

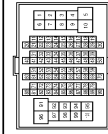
IGNITION POWER SUPPLY

| | |
|----------------|-------------------|
| Connector No. | M71 |
| Connector Name | HEATED SEAT RELAY |
| Connector Type | MSDFEL-WP2-LC |



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

| | |
|----------------|-----------------|
| Connector No. | M77 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH8DFW-CS16-TM4 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 4 | V | - |
| 6 | P | - |
| 10 | R | - |
| 11 | R | - |
| 12 | LG | - |
| 13 | V | - |
| 14 | SHIELD | - |
| 34 | LG | - |
| 35 | SB | - |
| 36 | B | - |
| 37 | P | - |
| 52 | R | - |
| 53 | L | - |
| 54 | SB | - |
| 55 | P | - |

| | | |
|-----|--------|---|
| 68 | LG | - |
| 69 | V | - |
| 82 | W | - |
| 83 | W | - |
| 84 | G | - |
| 85 | GR | - |
| 86 | Y | - |
| 87 | V | - |
| 88 | R | - |
| 70 | V | - |
| 71 | R | - |
| 72 | GR | - |
| 73 | G | - |
| 76 | W | - |
| 78 | LG | - |
| 79 | V | - |
| 80 | LG | - |
| 83 | P | - |
| 84 | G | - |
| 85 | BR | - |
| 86 | LG | - |
| 90 | SHIELD | - |
| 91 | Y | - |
| 92 | BR | - |
| 95 | Y | - |
| 96 | L | - |
| 97 | GR | - |
| 98 | G | - |
| 99 | G | - |
| 200 | LG | - |

| | |
|----------------|--------------|
| Connector No. | M78 |
| Connector Name | WIRE TO WIRE |
| Connector Type | LOG2MB-MC |



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

| | |
|----------------|--------------|
| Connector No. | M79 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH12DFW-VH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2 | BR | - |
| 3 | W | - |
| 5 | BR | - |
| 6 | L | - |
| 10 | V | - |
| 11 | LG | - |

| | |
|----------------|--------------|
| Connector No. | M82 |
| Connector Name | WIRE TO WIRE |
| Connector Type | MO4FW-LC |



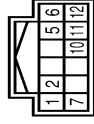
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 2 | GR | - |
| 3 | B | - |
| 4 | Y | - |

| | |
|----------------|--------------|
| Connector No. | M89 |
| Connector Name | WIRE TO WIRE |
| Connector Type | MO2FW-LC |



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

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| Connector No. | M90 |
| Connector Name | MULTI DISPLAY UNIT |
| Connector Type | TH12DFW-VH |



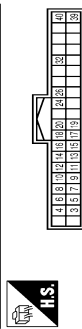
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | V | BATTERY POWER SUPPLY |
| 2 | V | ILLUMINATION SIGNAL |
| 5 | GR | ILLUMINATION CONTROL SIGNAL |
| 6 | L | CAN-H |
| 7 | LG | IGNITION SIGNAL |
| 10 | B | GROUND |
| 11 | B | GROUND |
| 12 | P | CAN-L |

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
|----------------|----------------------------------|
| Connector No. | M35 |
| Connector Name | AROUND VIEW MONITOR CONTROL UNIT |
| Connector Type | TH40PW-VH |



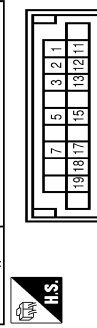
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---|
| 3 | SHIELD | SHIELD |
| 4 | B | CAMERA IMAGE SIGNAL |
| 5 | LG | FRONT CAMERA GROUND |
| 6 | R | FRONT CAMERA POWER SUPPLY |
| 7 | SHIELD | SHIELD |
| 8 | V | FRONT CAMERA IMAGE SIGNAL |
| 9 | G | SIDE CAMERA PASSENGER SIDE GROUND |
| 10 | L | SIDE CAMERA PASSENGER SIDE POWER SUPPLY |
| 11 | SHIELD | SHIELD |
| 12 | Y | SIDE CAMERA PASSENGER SIDE IMAGE SIGNAL |
| 13 | B | SIDE CAMERA DRIVER SIDE GROUND |
| 14 | W | SIDE CAMERA DRIVER SIDE POWER SUPPLY |
| 15 | SHIELD | SHIELD |
| 16 | R | SIDE CAMERA DRIVER SIDE IMAGE SIGNAL |
| 17 | L | REAR CAMERA GROUND |
| 18 | LG | REAR CAMERA POWER SUPPLY |
| 19 | SHIELD | SHIELD |
| 20 | P | REAR CAMERA IMAGE SIGNAL |
| 24 | L | COM-H |
| 26 | L | REVERSE SIGNAL |
| 30 | B | GROUND |
| 40 | LG | IGNITION SIGNAL |

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|----------------|-------------------|
| Connector No. | M109 |
| Connector Name | NAVI CONTROL UNIT |
| Connector Type | TH24PW-VH |



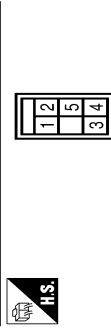
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------------|
| 21 | G | AUX AUDIO SIGNAL RH |
| 22 | Y | AUX AUDIO SIGNAL GROUND |
| 23 | L | AUX AUDIO SIGNAL LH |
| 25 | G | REVERSE SIGNAL |
| 26 | BR | SOUND SIGNAL WOODER * |
| 29 | Y | SOUND SIGNAL WOODER |
| 30 | V | ILLUMINATION CONTROL SIGNAL |
| 33 | GR | ILLUMINATION CONTROL SIGNAL GROUND |
| 34 | W | MICROPHONE SIGNAL |
| 35 | B | MICROPHONE VCC |
| 36 | SHIELD | SHIELD |
| 37 | SHIELD | SHIELD |
| 40 | IG | IGNITION SIGNAL |
| 41 | B | CAMERA IMAGE SIGNAL |
| 42 | J | SHIELD |

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| Connector No. | M133 |
| Connector Name | JOINT CONNECTOR-M04 |
| Connector Type | NI20FL-DC |



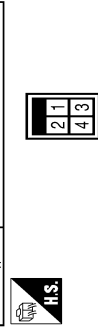
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | P | - |
| 2 | P | - |
| 3 | P | - |
| 5 | P | - |
| 7 | P | - |

| | |
|----------------|-----------------|
| Connector No. | M342 |
| Connector Name | MODE DOOR MOTOR |
| Connector Type | 98192-1001 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | - | MODE DRIVE SIGNAL 1 |
| 2 | - | MODE DRIVE SIGNAL 2 |
| 3 | - | MODE DRIVE SIGNAL 3 |
| 4 | - | MODE DRIVE SIGNAL 4 |
| 5 | - | IGNITION POWER SUPPLY |

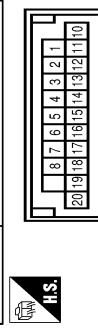
| | |
|----------------|--------------|
| Connector No. | M343 |
| Connector Name | WIRE TO WIRE |
| Connector Type | W04RW |



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

| | | |
|----|---|---|
| 11 | L | - |
| 12 | L | - |
| 13 | L | - |
| 17 | L | - |
| 18 | W | - |
| 19 | W | - |

| | |
|----------------|---------------------|
| Connector No. | M136 |
| Connector Name | JOINT CONNECTOR-M07 |
| Connector Type | NI20FL-DC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | P | - |
| 2 | P | - |
| 3 | P | - |
| 4 | P | - |
| 5 | P | - |
| 6 | P | - |
| 8 | P | - |
| 9 | P | - |
| 10 | L | - |
| 11 | L | - |
| 12 | L | - |
| 13 | L | - |
| 14 | L | - |
| 15 | L | - |
| 16 | L | - |
| 17 | L | - |
| 18 | GR | - |
| 19 | GR | - |
| 20 | GR | - |

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
|----------------|------------------|
| Connector No. | M34E |
| Connector Name | POWER TRANSISTOR |
| Connector Type | TRM-8512100-F |

| Terminal No. | Color Of Wire | Signal Name (Specification) |
|--------------|---------------|---------------------------------|
| 1 | R | BLOWER MOTOR CONTROL OUTPUT |
| 2 | G | POWER TRANSISTOR CONTROL SIGNAL |
| 3 | B | GROUND |
| 4 | Y | IGNITION POWER SUPPLY |

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POWER SUPPLY ROUTING CIRCUIT

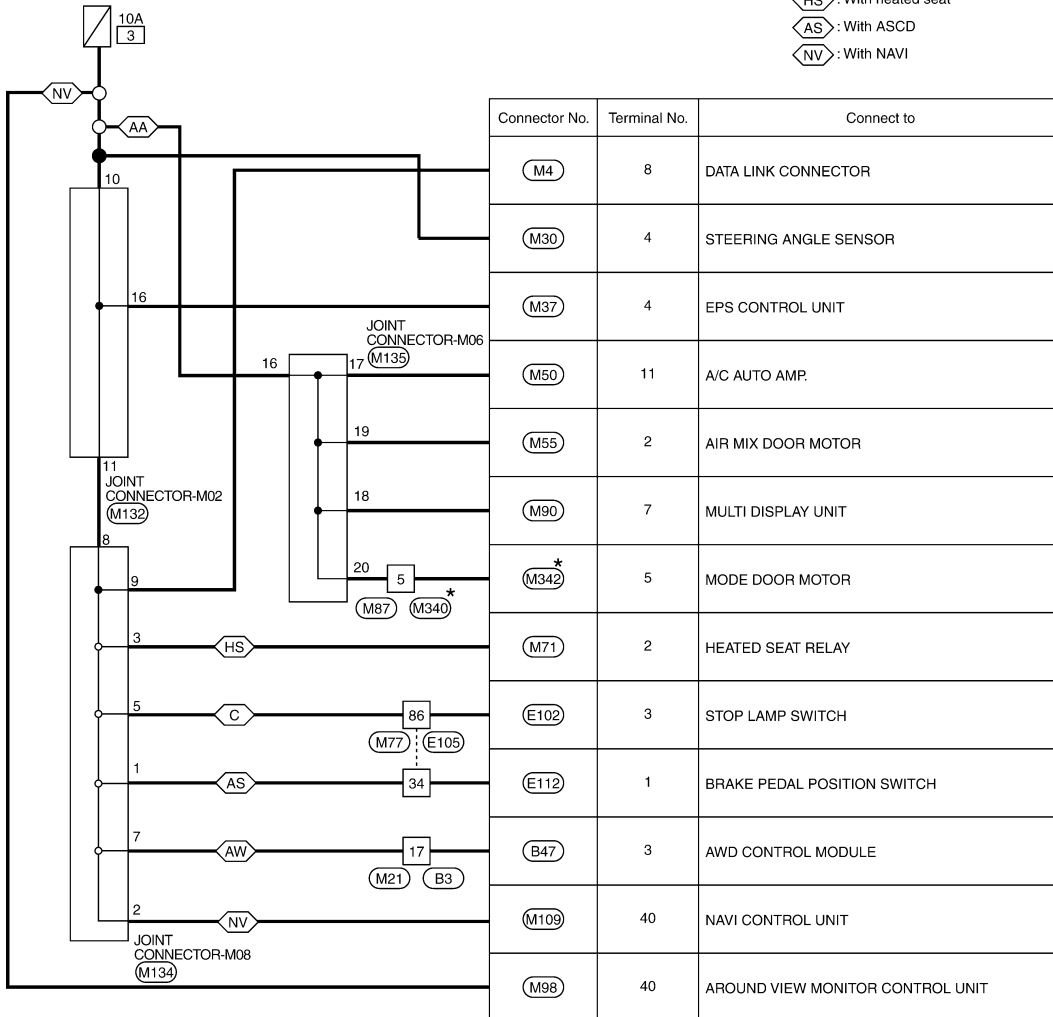
< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No.3 -

INFOID:000000012199784

IGNITION POWER SUPPLY FUSE No. 3

- : AWD models
- : With CVT
- : With automatic A/C
- : With heated seat
- : With ASCD
- : With NAVI



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

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POWER SUPPLY ROUTING CIRCUIT

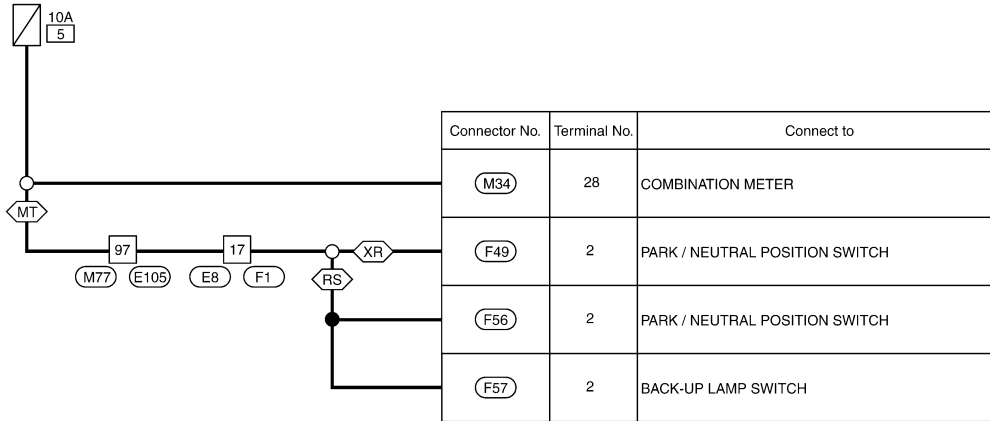
< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No.5 -

INFOID:000000012199785

IGNITION POWER SUPPLY FUSE No. 5

- ⬡MT⬡ : With M/T
- ⬡RS⬡ : For NISMO RS models
- ⬡XR⬡ : Except for NISMO RS models



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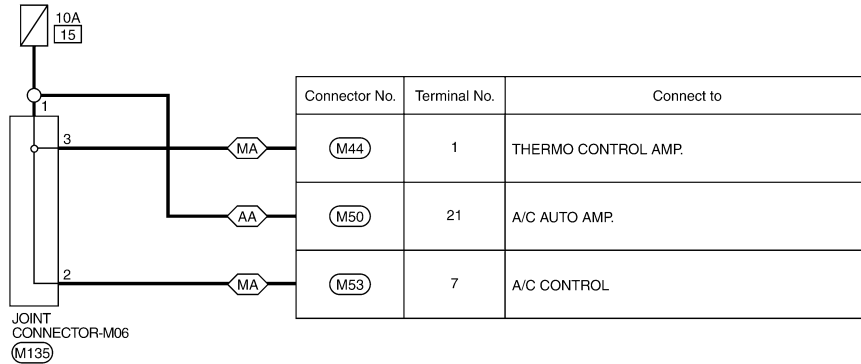
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No.15 - IGNITION POWER SUPPLY FUSE No. 15

INFOID:000000012199786

AA : With automatic A/C
MA : With manual A/C



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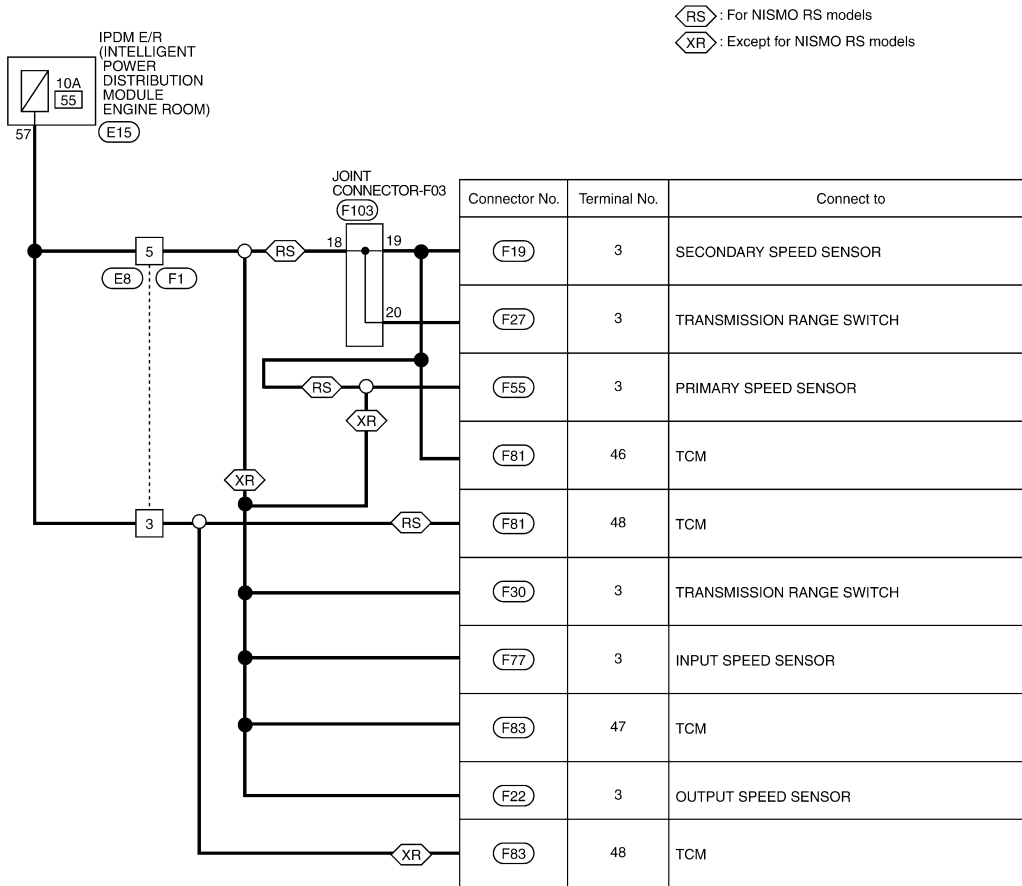
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No.55 -

INFOID:000000012199787

IGNITION POWER SUPPLY FUSE No. 55



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POWER SUPPLY ROUTING CIRCUIT

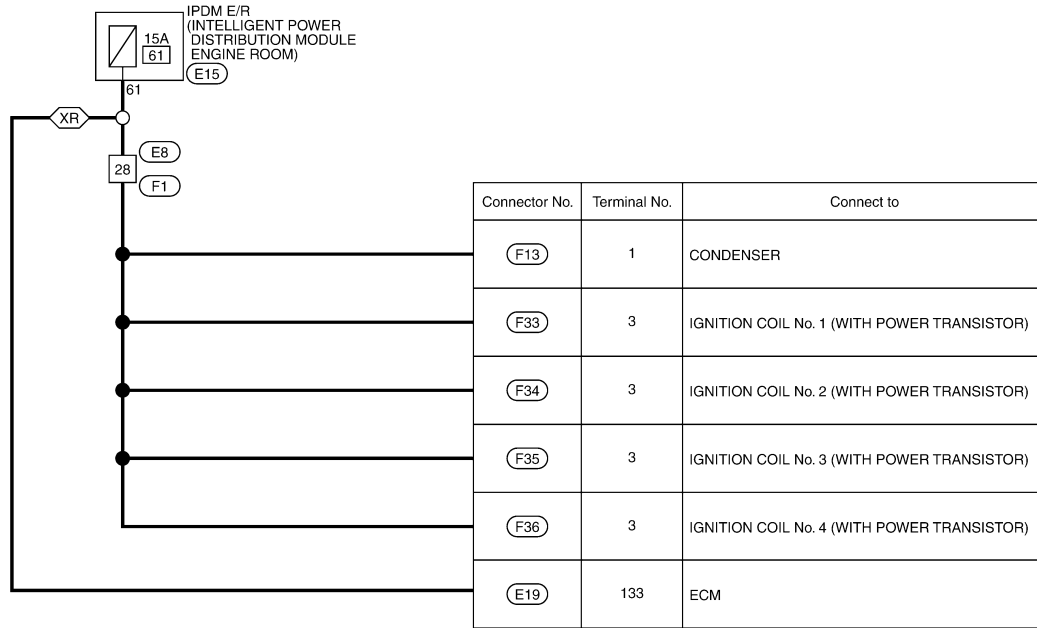
< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No.61 - IGNITION POWER SUPPLY FUSE No. 61

INFOID:000000012199788

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 : Except for NISMO RS models



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GROUND DISTRIBUTION

< WIRING DIAGRAM >

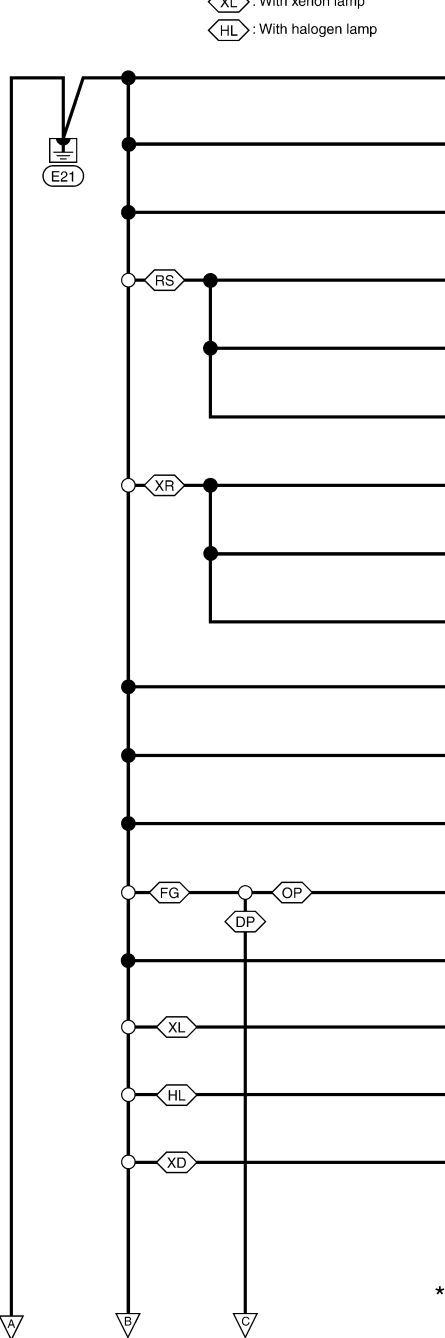
GROUND DISTRIBUTION

Engine Room Harness

INFOID:000000012199789

ENGINE ROOM HARNESS

- XR : Except for NISMO RS models
- RS : For NISMO RS models
- DP : With dealer option
- OP : Without dealer option
- CN : For Canada
- XL : With xenon lamp
- HL : With halogen lamp
- FG : With front fog lamp
- ED : Except for NISMO models with daytime running light system
- ND : For NISMO models with daytime running light system
- XD : For NISMO models with daytime running light system and without daytime running light system



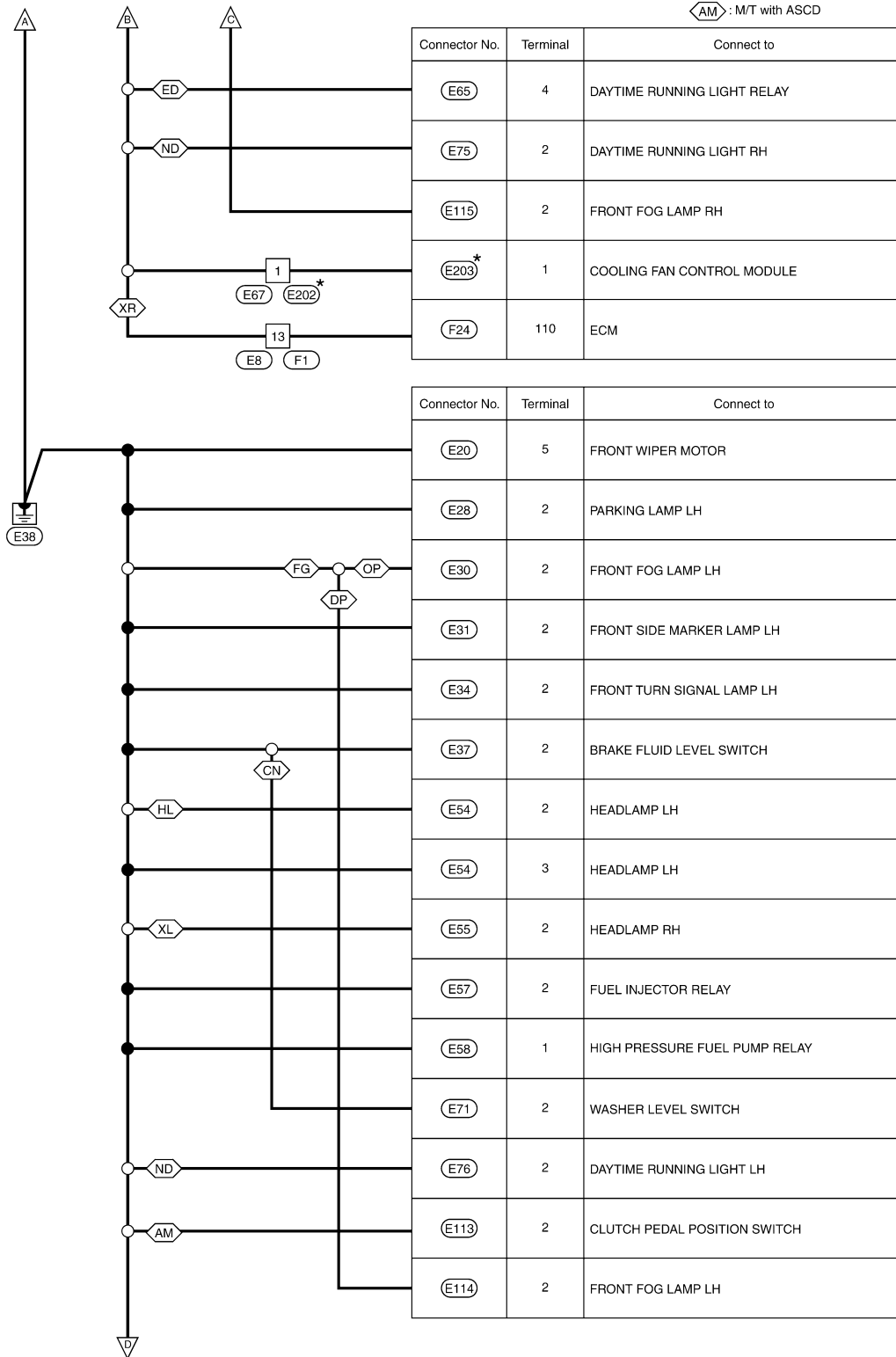
| Connector No. | Terminal | Connect to |
|---------------|----------|--|
| E7 | 2 | HORN HIGH |
| E11 | 9 | IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM) |
| E12 | 18 | IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM) |
| E18 | 123 | ECM |
| E18 | 124 | ECM |
| E18 | 127 | ECM |
| E19 | 147 | ECM |
| E19 | 149 | ECM |
| E19 | 152 | ECM |
| E32 | 2 | FRONT SIDE MARKER LAMP RH |
| E44 | 2 | PARKING LAMP RH |
| E47 | 2 | FRONT TURN SIGNAL LAMP RH |
| E48 | 2 | FRONT FOG LAMP RH |
| E51 | 2 | HORN LOW |
| E54 | 2 | HEADLAMP LH |
| E55 | 2 | HEADLAMP RH |
| E55 | 3 | HEADLAMP RH |

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

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GROUND DISTRIBUTION

< WIRING DIAGRAM >

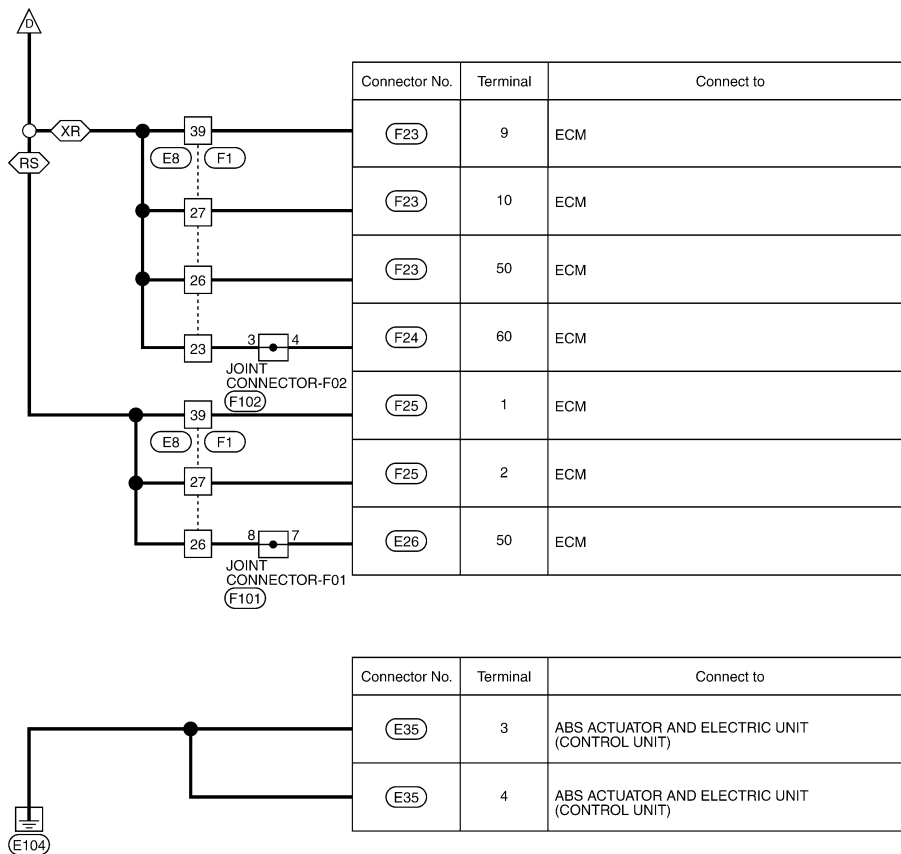


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GROUND DISTRIBUTION

< WIRING DIAGRAM >



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GROUND DISTRIBUTION

< WIRING DIAGRAM >

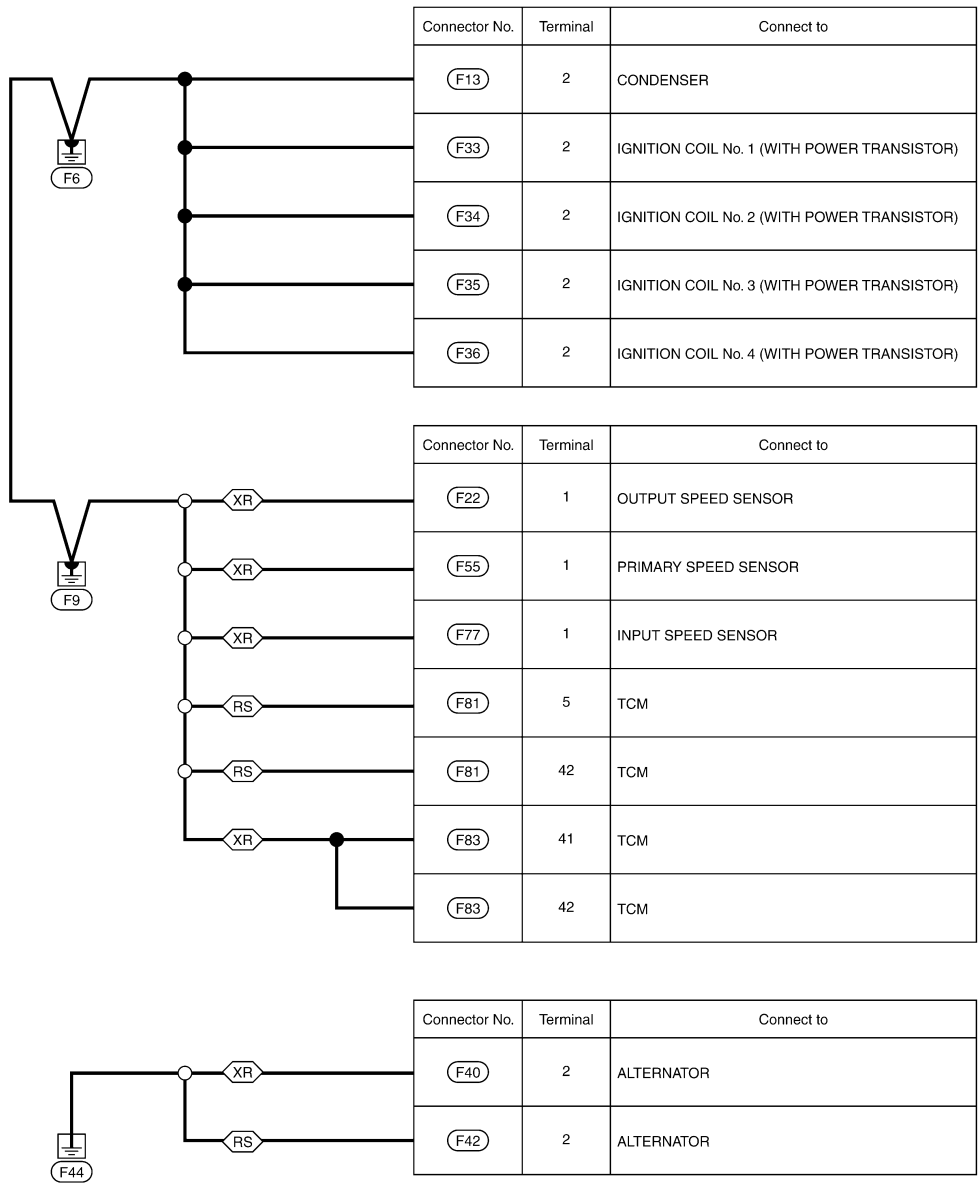
Engine Control Harness

INFOID:000000012199790

ENGINE CONTROL HARNESS

XR : Except for NISMO RS models

RS : For NISMO RS models



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GROUND DISTRIBUTION

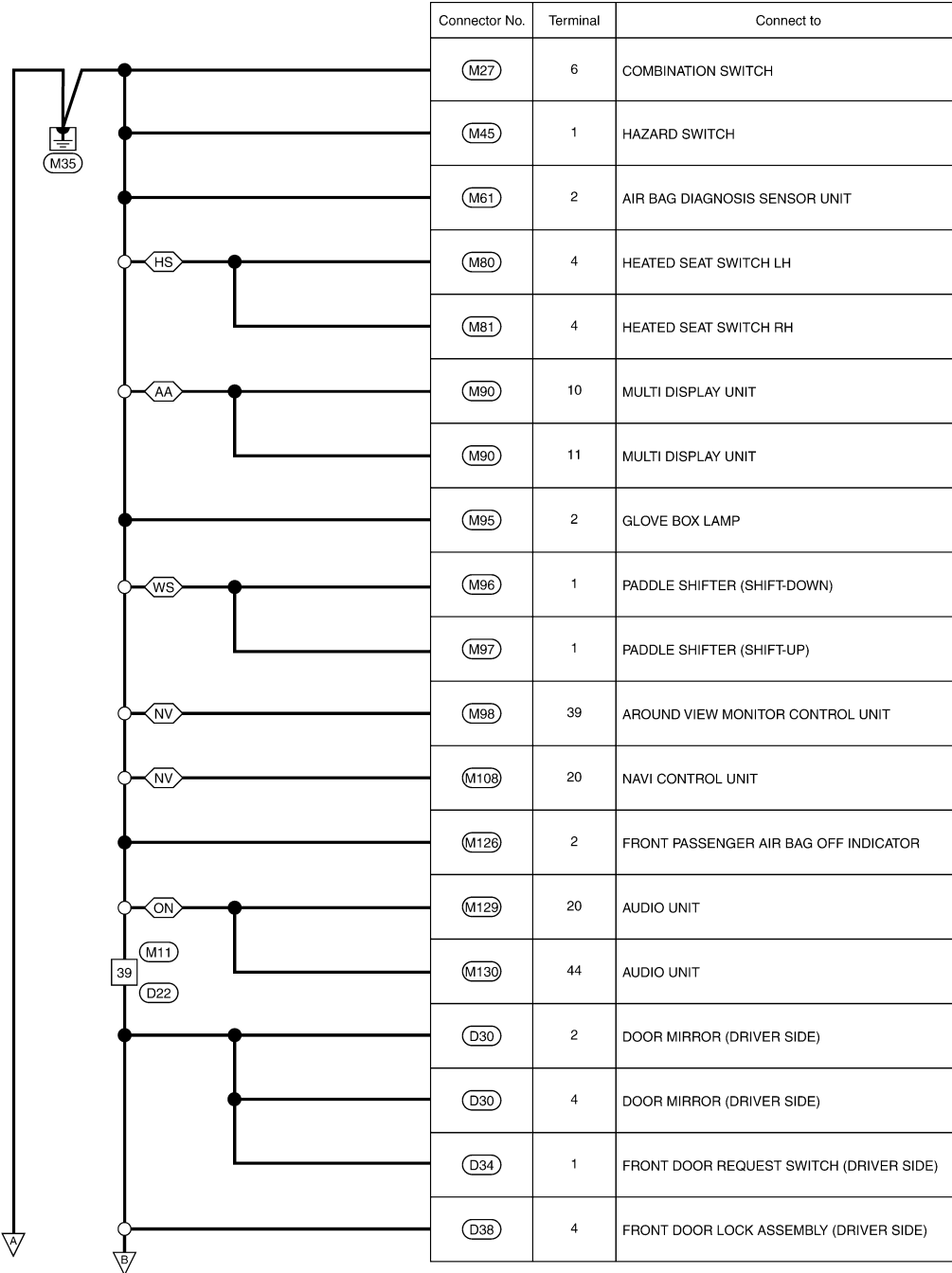
< WIRING DIAGRAM >

Main Harness

INFOID:000000012199791

MAIN HARNESS

- | | |
|-------------------------|--------------------------|
| AA : With automatic A/C | AW : AWD models |
| NV : With NAVI | WR : With sunroof |
| MA : With manual A/C | CN : For Canada |
| HS : With heated seat | WS : With paddle shifter |
| ON : Without NAVI | C : With CVT |

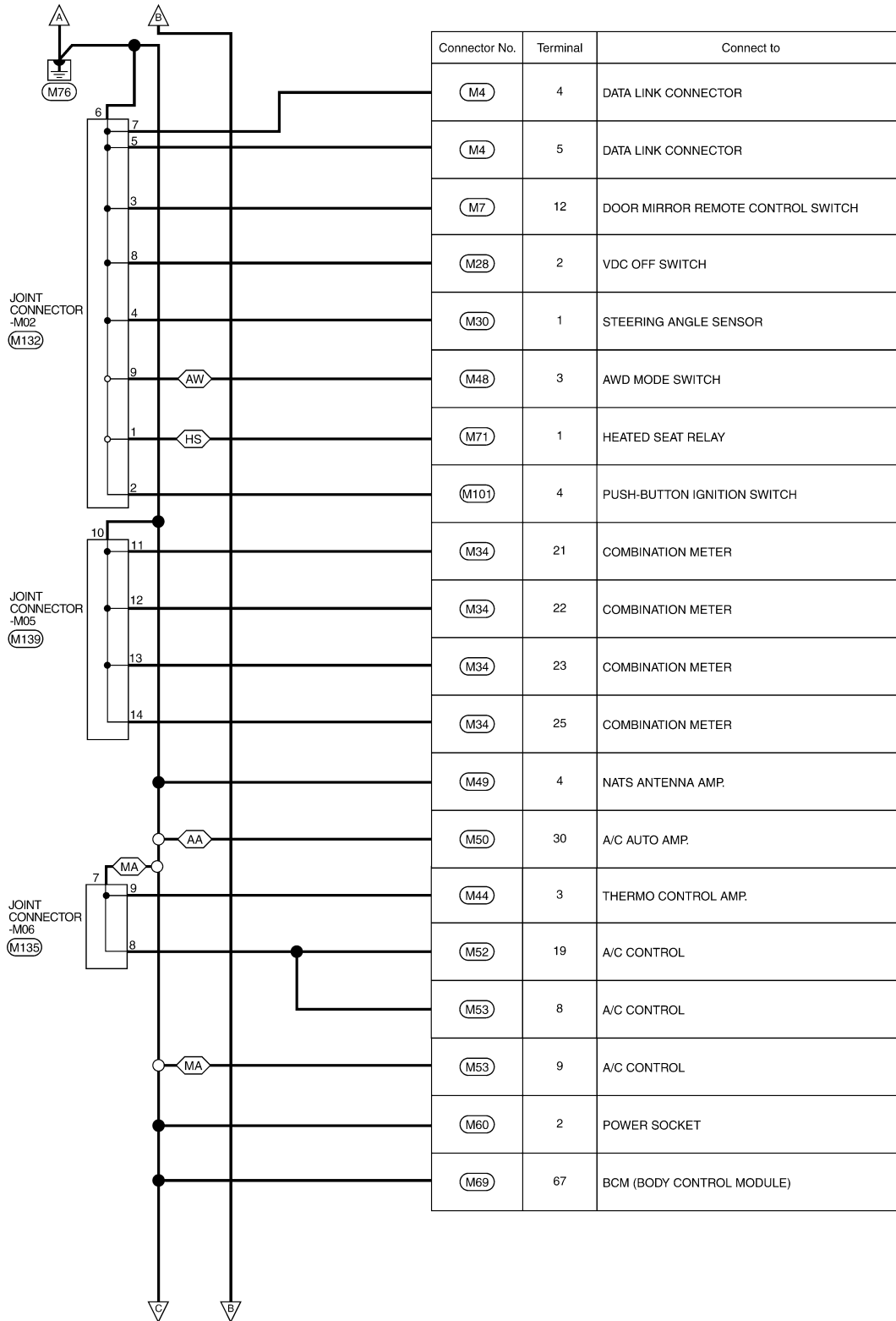


* : This connector is not shown in "Harness Layout".

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GROUND DISTRIBUTION

< WIRING DIAGRAM >

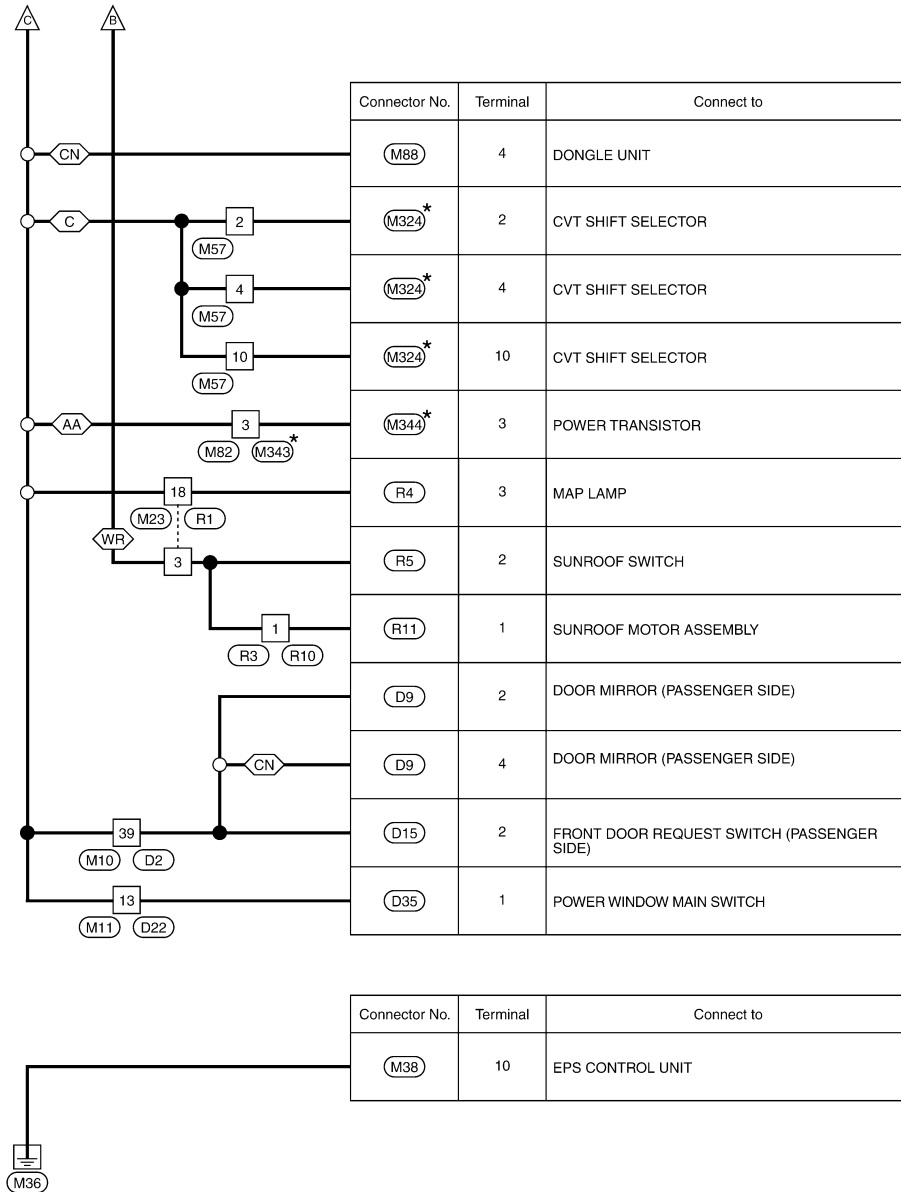


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GROUND DISTRIBUTION

< WIRING DIAGRAM >



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GROUND DISTRIBUTION

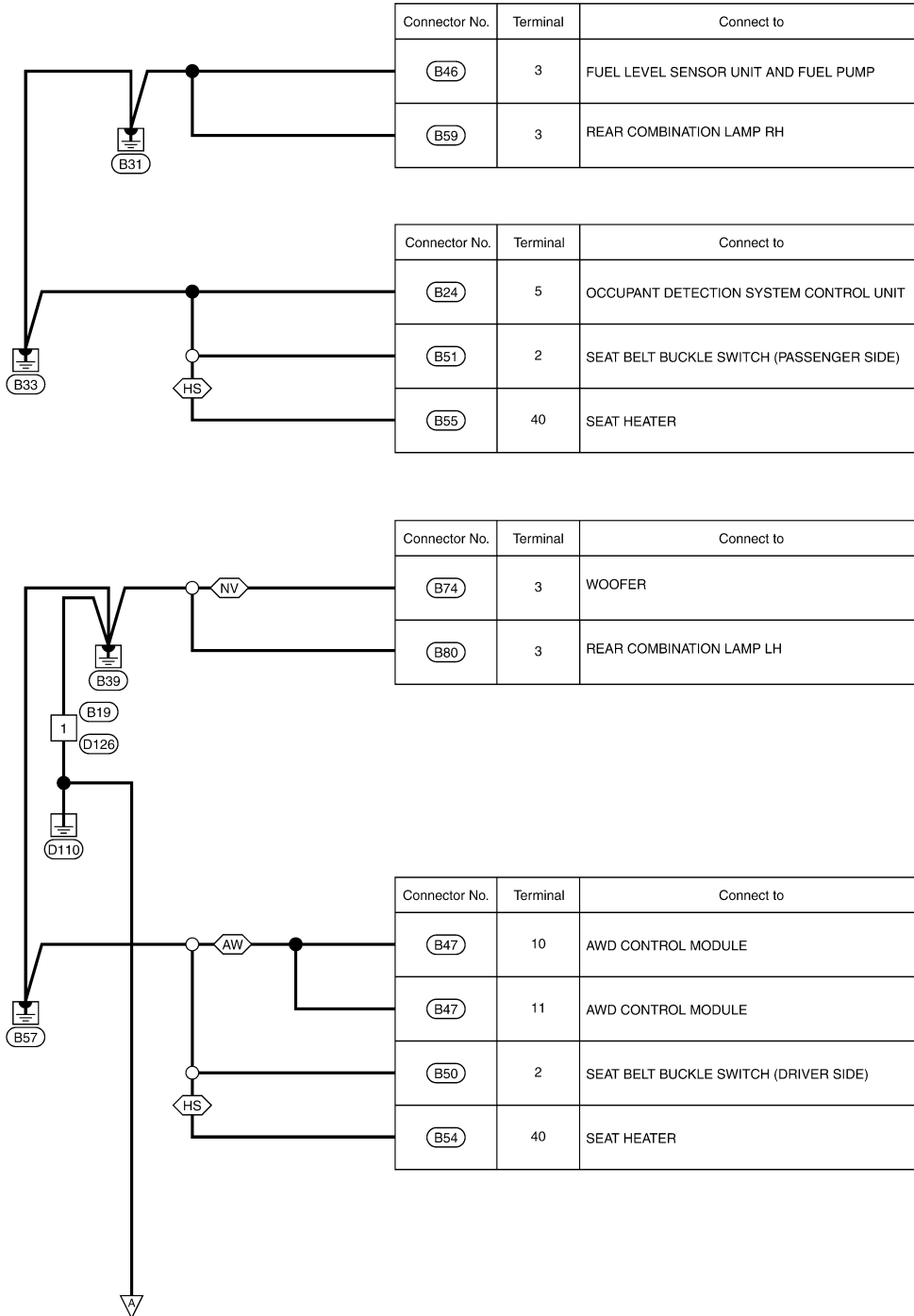
< WIRING DIAGRAM >

Body Harness

INFOID:000000012199792

BODY HARNESS

-  : With heated seat
-  : With NAVI
-  : AWD models

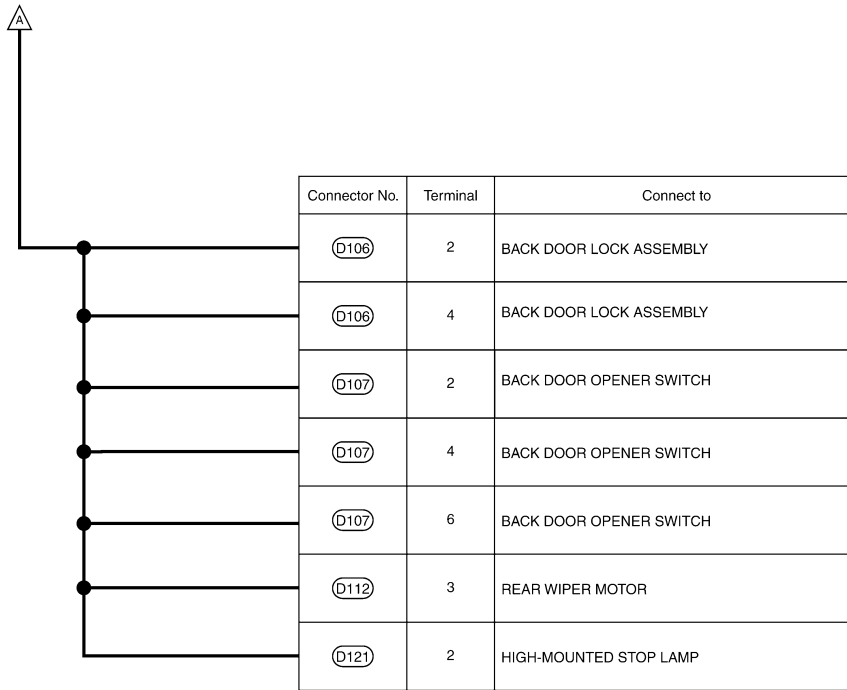


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GROUND DISTRIBUTION

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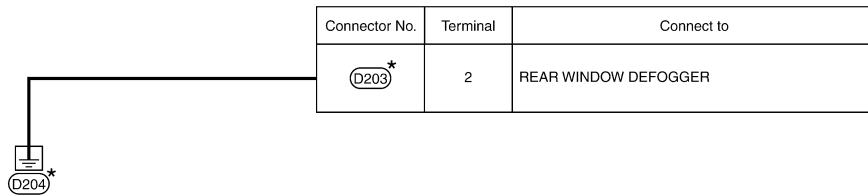
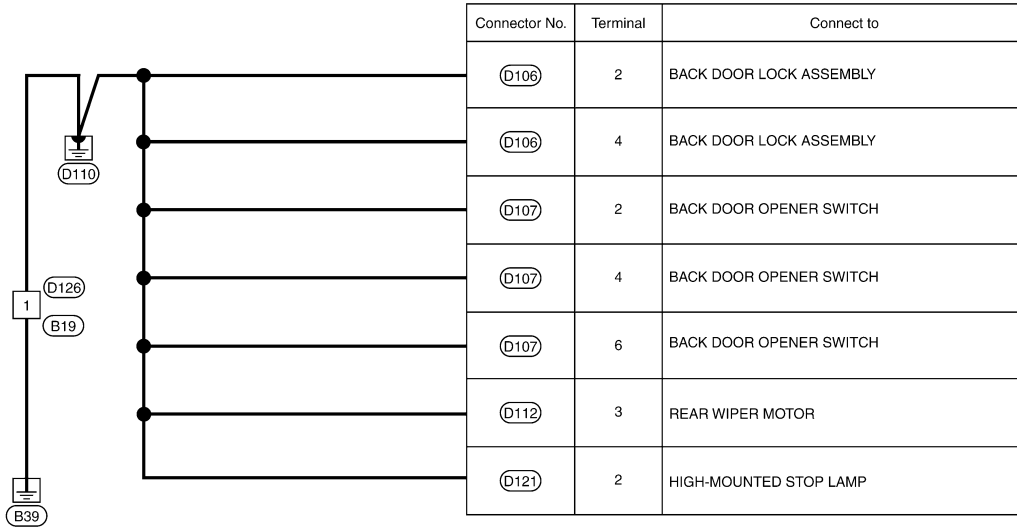
GROUND DISTRIBUTION

< WIRING DIAGRAM >

Door Harness

INFOID:000000012199793

DOOR HARNESS



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

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OPTION HARNESS

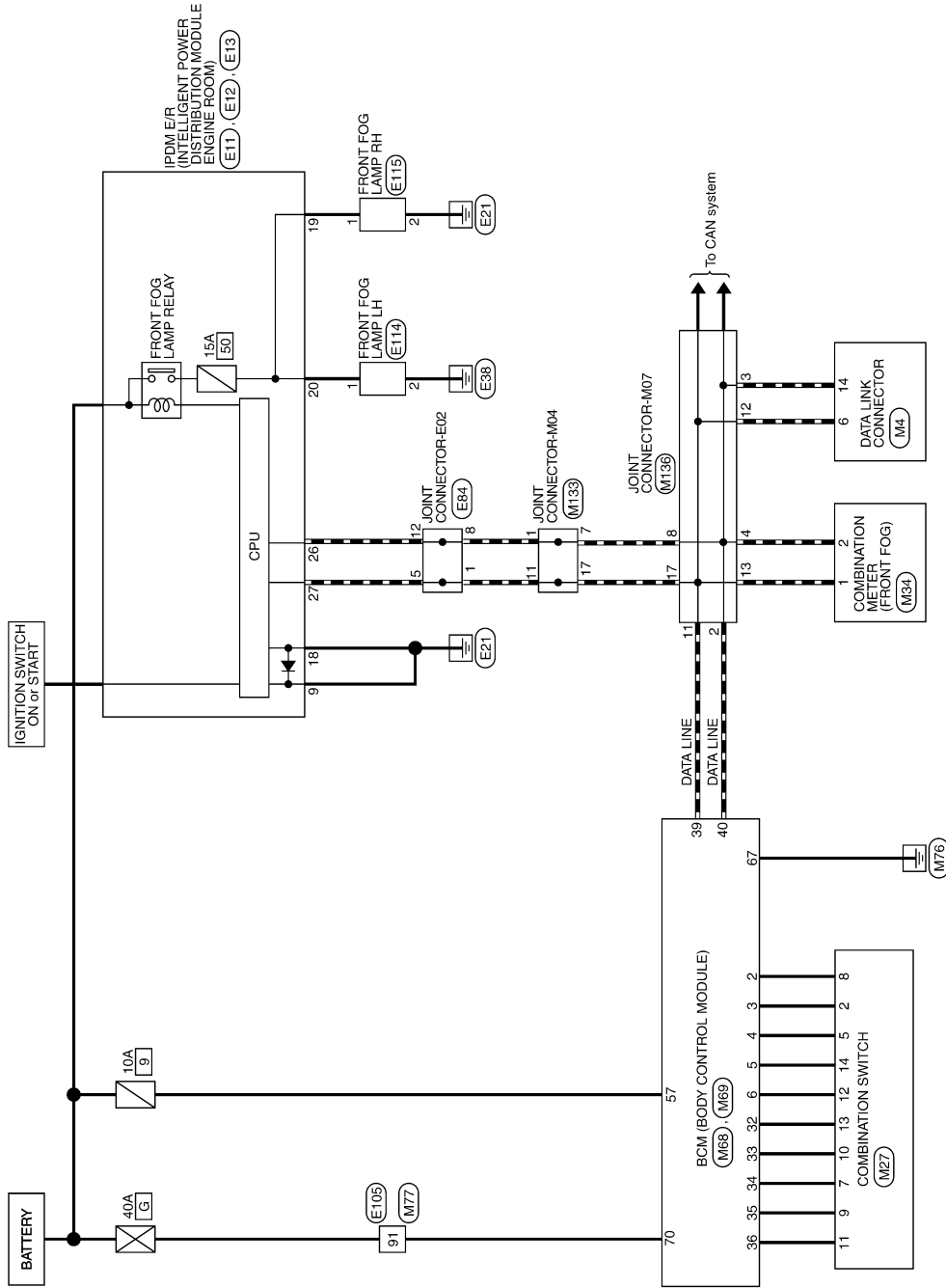
< WIRING DIAGRAM >

OPTION HARNESS

Wiring Diagram

INFOID:000000012199794

OPTION HARNESS (FOR FRONT FOG)



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OPTION HARNESS

< WIRING DIAGRAM >

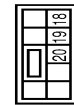
OPTION HARNESS (FOR FRONT FOG)

| | |
|----------------|--|
| Connector No. | E11 |
| Connector Name | POWER LINE INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM |
| Connector Type | MS08FB-1C |



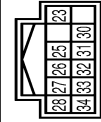
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 9 | B/Y | - |
| 10 | L | - |
| 14 | R | - |

| | |
|----------------|--|
| Connector No. | E12 |
| Connector Name | POWER LINE INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM |
| Connector Type | MS08FB-1CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---|
| 18 | GR | - |
| 19 | R | - [Without front fog lamp] - [With front fog lamp] |
| 20 | G | - [Without front fog lamp] - [With front fog lamp] |

| | |
|----------------|--|
| Connector No. | E13 |
| Connector Name | POWER LINE INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM |
| Connector Type | TH12PM-4M |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 23 | SB | - |
| 25 | BR | - |
| 26 | P | - |
| 27 | L | - |
| 28 | Y | - |
| 30 | V | - |
| 31 | Y | - |
| 32 | R | - |
| 33 | G | - |
| 34 | L | - |

| | |
|----------------|---------------------|
| Connector No. | E84 |
| Connector Name | JOINT CONNECTOR-ED2 |
| Connector Type | A12FL |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 2 | L | - |
| 3 | L | - |
| 4 | L | - |
| 5 | L | - |
| 6 | L | - |
| 7 | P | - |
| 8 | P | - |
| 9 | P | - |

| | |
|----|---|
| 10 | P |
| 11 | P |
| 12 | P |

| | |
|----------------|-------------------|
| Connector No. | E105 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH800MM-CS16-T1M4 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 4 | Y | - |
| 6 | P | - |
| 10 | R | - |
| 11 | W | - |
| 12 | B | - |
| 13 | R | - |
| 14 | SHIELD | - |
| 54 | BE | - |
| 55 | R | - |
| 56 | B | - |
| 57 | R | - |
| 58 | BR | - |
| 59 | BE | - |
| 58 | G | - |
| 59 | Y | - |
| 62 | Y | - |
| 63 | V | - |
| 64 | LG | - |
| 65 | L | - |
| 66 | R | - |
| 67 | W | - |
| 68 | SB | - |
| 70 | BR | - |
| 71 | LG | - |
| 72 | V | - |
| 73 | L | - |
| 76 | R | - |

| | |
|-----|--------|
| 78 | B |
| 79 | W |
| 80 | Y |
| 81 | LG |
| 82 | Y |
| 85 | P |
| 86 | BE |
| 90 | SHIELD |
| 91 | G |
| 92 | R |
| 95 | BR |
| 96 | P |
| 97 | GR |
| 98 | W |
| 99 | V |
| 100 | O |

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|----------------|-------------------|
| Connector No. | E114 |
| Connector Name | FRONT FOG LAMP LH |
| Connector Type | FRZ2DFB |



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

JRMW1515GB

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OPTION HARNESS

< WIRING DIAGRAM >

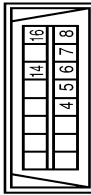
OPTION HARNESS (FOR FRONT FOG)

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|----------------|-------------------|
| Connector No. | FE15 |
| Connector Name | FRONT FOG LAMP RH |
| Connector Type | TH02F58 |



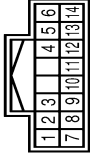
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | W | - |
| 2 | B | - |

| | |
|----------------|---------------------|
| Connector No. | M4 |
| Connector Name | DATA LINK CONNECTOR |
| Connector Type | BD16FW |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 4 | B | - |
| 5 | B | - |
| 6 | L | - |
| 7 | W | - |
| 8 | LG | - |
| 14 | P | - |
| 16 | Y | - |

| | |
|----------------|--------------------|
| Connector No. | M27 |
| Connector Name | COMBINATION SWITCH |
| Connector Type | TH16FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | LG | WASHER (RR) |
| 2 | GR | WASHER (FR) |
| 3 | R | IGN |
| 4 | W | OUTPUT 3 |
| 5 | BR | GND |
| 6 | B | OUTPUT 3 |
| 7 | V | OUTPUT 5 |
| 8 | L | INPUT 2 |
| 9 | R | INPUT 4 |
| 10 | Y | INPUT 1 |
| 11 | P | INPUT 1 |
| 12 | W | INPUT 5 |
| 13 | LG | INPUT 5 |
| 14 | G | OUTPUT 2 |

| | |
|----------------|-------------------|
| Connector No. | M24 |
| Connector Name | COMBINATION METER |
| Connector Type | TH40FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---------------------------------|
| 1 | L | CAN-H |
| 2 | P | CAN-L |
| 4 | Y | VEHICLE SPEED SIGNAL (8-PULSE) |
| 5 | G | PADDLE SHIFTER UP SWITCH SIGNAL |
| 6 | BR | FUEL LEVEL SENSOR SIGNAL |
| 7 | R | AIR BAG SIGNAL |

| | | |
|----|----|--|
| 8 | P | SEAT BELT BUZZER SWITCH SIGNAL (DRIVER SIDE) |
| 9 | W | FRONT BRAKE SWITCH SIGNAL |
| 10 | SR | FRONT BRAKE SWITCH SIGNAL |
| 11 | C | BRAKE FLUID LEVEL SWITCH SIGNAL |
| 12 | W | ILLUMINATION CONTROL SIGNAL |
| 13 | GR | ILLUMINATION CONTROL SIGNAL |
| 14 | R | MANUAL MODE SHIFTER SIGNAL |
| 15 | L | ACC POWER SUPPLY |
| 16 | W | MANUAL MODE SHIFTER DOWN SIGNAL |
| 17 | G | WASHER LEVEL SWITCH SIGNAL |
| 18 | R | SECURITY SIGNAL |
| 19 | GR | AMBIENT SENSOR SIGNAL |
| 20 | R | AMBIENT SENSOR GROUND |
| 21 | B | GROUND |
| 22 | B | GROUND |
| 23 | B | GROUND |
| 24 | L | FUEL LEVEL SENSOR GROUND |
| 25 | B | VDC GROUND |
| 26 | V | PADDLE SHIFTER DOWN SWITCH SIGNAL |
| 27 | LG | BATTERY POWER SUPPLY |
| 28 | GR | IGNITION SIGNAL |
| 29 | V | PASSENGER SEAT BELT WARNING SIGNAL |
| 31 | P | A/C AUTO AMP CONNECTION RECOGNITION SIGNAL |
| 36 | Y | MANUAL MODE SIGNAL |
| 37 | G | NON-MANUAL MODE SIGNAL |
| 38 | P | ALTERNATOR SIGNAL |

| | | |
|----|----|------------------------|
| 12 | GR | DOOR LB & UNLK SW LOCK |
| 13 | GR | DOOR LB UNLK SW |
| 14 | SR | DOOR LB UNLK SW |
| 15 | W | OPTICAL SENS |
| 17 | Y | REAR MIRROR HEAT SW |
| 18 | W | OPTICAL SENS PWR SELV |
| 19 | V | REVERSE GND |
| 21 | P | MATS ANT AMP |
| 23 | R | SECURITY IND LAMP CONT |
| 24 | SR | DOUBLE LINK |
| 25 | LG | MATS ANT AMP |
| 26 | BR | THERMO AMP |
| 27 | Y | A/C SW |
| 28 | LG | BLOWER FAN SW |
| 29 | SR | HAZARD SW |
| 30 | L | BK DOOR OPENER SW |
| 31 | GR | DR DOOR UNLK SENS |
| 32 | LG | COMB SW OUTPUT 5 |
| 33 | Y | COMB SW OUTPUT 4 |
| 34 | V | COMB SW OUTPUT 3 |
| 35 | R | COMB SW OUTPUT 2 |
| 36 | P | COMB SW OUTPUT 1 |
| 37 | G | DEFENT SW |
| 38 | SR | RECEIVER COMM |
| 39 | L | CANH |
| 40 | P | CANH |

| | |
|----------------|---------------------------|
| Connector No. | M65 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | TH48FB-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2 | L | COMB SW INPUT 5 |
| 3 | GR | COMB SW INPUT 4 |
| 4 | BR | COMB SW INPUT 3 |
| 5 | G | COMB SW INPUT 2 |
| 6 | W | COMB SW INPUT 1 |
| 7 | L | KEY CYL UNLK SW |
| 8 | R | KEY CYL LOCK SW |
| 9 | R | STOP LAMP SW 1 |
| 10 | W | - |

| | |
|----------------|---------------------------|
| Connector No. | M65 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | TH48FB-NH&SA |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 56 | P | INT ROOM LAMP PWR SPVLY |
| 57 | P | BATT(USE) |
| 58 | SR | PASS DOOR UNLK OUTPUT |
| 60 | V | TURN SIG LH OUTPUT |
| 61 | W | TURN SIG RH OUTPUT |
| 63 | BR | INT ROOM LAMP CONT |
| 64 | R | REVERSE SW |
| 65 | V | ALL DOOR LOCK OUTPUT |
| 66 | SR | DR DOOR UNLK OUTPUT |

OPTION HARNESS

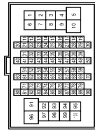
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OPTION HARNESS (FOR FRONT FOG)

| | | |
|----|---|------------------|
| 57 | B | GRD |
| 58 | L | PW PWR-S&L (IGN) |
| 59 | L | PW PWR-S&L (BAT) |
| 70 | Y | BAT (V2) |

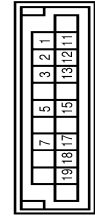
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| Connector No. | M77 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH80FWCS16-TM4 |



| Terminal No. | Color Of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 4 | V | - |
| 6 | P | - |
| 10 | R | - |
| 11 | R | - |
| 12 | LG | - |
| 13 | V | - |
| 14 | SHIELD | - |
| 34 | LG | - |
| 35 | SB | - |
| 36 | B | - |
| 37 | R | - |
| 52 | L | - |
| 53 | L | - |
| 54 | SB | - |
| 55 | P | - |
| 58 | LG | - |
| 59 | G | - |
| 62 | Y | - |
| 63 | W | - |
| 64 | G | - |
| 65 | GR | - |
| 66 | Y | - |
| 67 | V | - |
| 68 | R | - |
| 70 | V | - |
| 71 | R | - |
| 72 | GR | - |
| 73 | G | - |
| 76 | W | - |

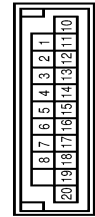
| | | |
|-----|--------|---|
| 78 | LG | - |
| 79 | V | - |
| 80 | G | - |
| 82 | G | - |
| 84 | BR | - |
| 86 | LG | - |
| 90 | SHIELD | - |
| 91 | Y | - |
| 92 | BR | - |
| 95 | V | - |
| 96 | L | - |
| 97 | GR | - |
| 98 | G | - |
| 99 | R | - |
| 100 | LG | - |

| | |
|----------------|---------------------|
| Connector No. | M133 |
| Connector Name | JOINT CONNECTOR-M04 |
| Connector Type | NH20FL DC |



| Terminal No. | Color Of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 1 | P | - |
| 2 | P | - |
| 3 | P | - |
| 5 | P | - |
| 7 | P | - |
| 11 | L | - |
| 12 | L | - |
| 13 | L | - |
| 15 | L | - |
| 17 | L | - |
| 18 | W | - |
| 19 | W | - |

| | |
|----------------|---------------------|
| Connector No. | M136 |
| Connector Name | JOINT CONNECTOR-M07 |
| Connector Type | NH20FL DC |



| Terminal No. | Color Of Wire | Signal Name (Specification) |
|--------------|---------------|-----------------------------|
| 1 | P | - |
| 2 | P | - |
| 3 | P | - |
| 4 | P | - |
| 5 | P | - |
| 6 | P | - |
| 7 | P | - |
| 8 | P | - |
| 10 | L | - |
| 11 | L | - |
| 12 | L | - |
| 13 | L | - |
| 14 | L | - |
| 15 | L | - |
| 16 | L | - |
| 17 | GR | - |
| 18 | GR | - |
| 20 | GR | - |

FUSE BLOCK - JUNCTION BOX (J/B)

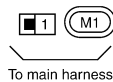
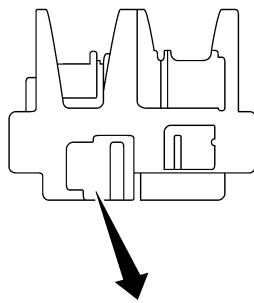
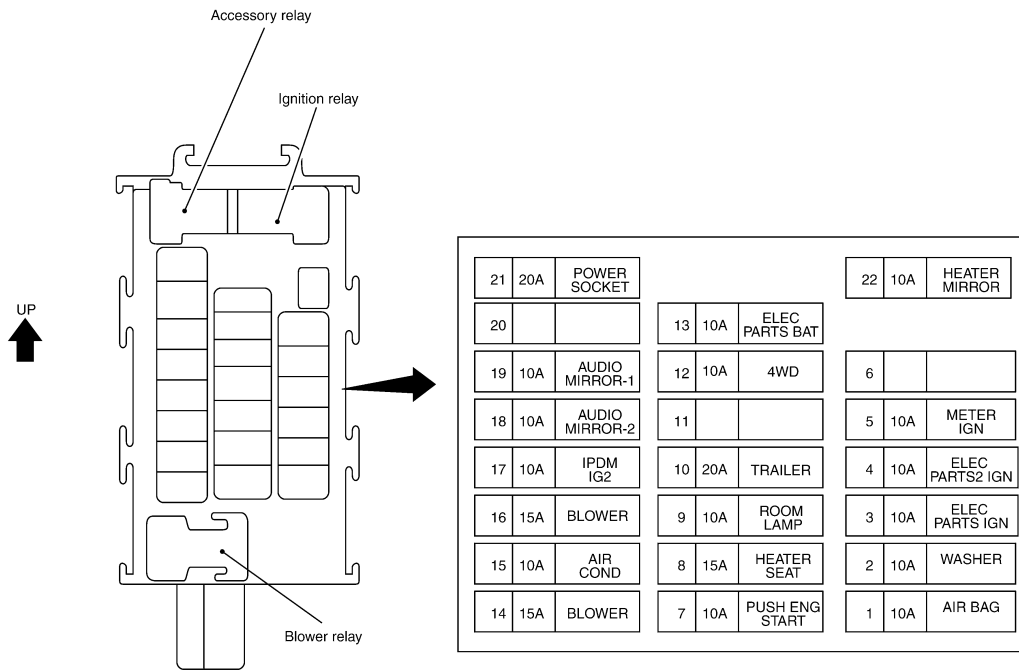
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FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

INFOID:000000012199795

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



2015/08/18

JRMW15203GB

FUSE, FUSIBLE LINK AND RELAY BOX

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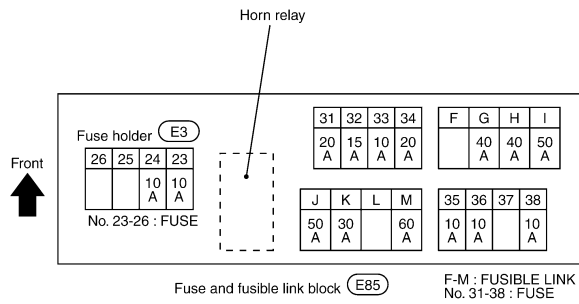
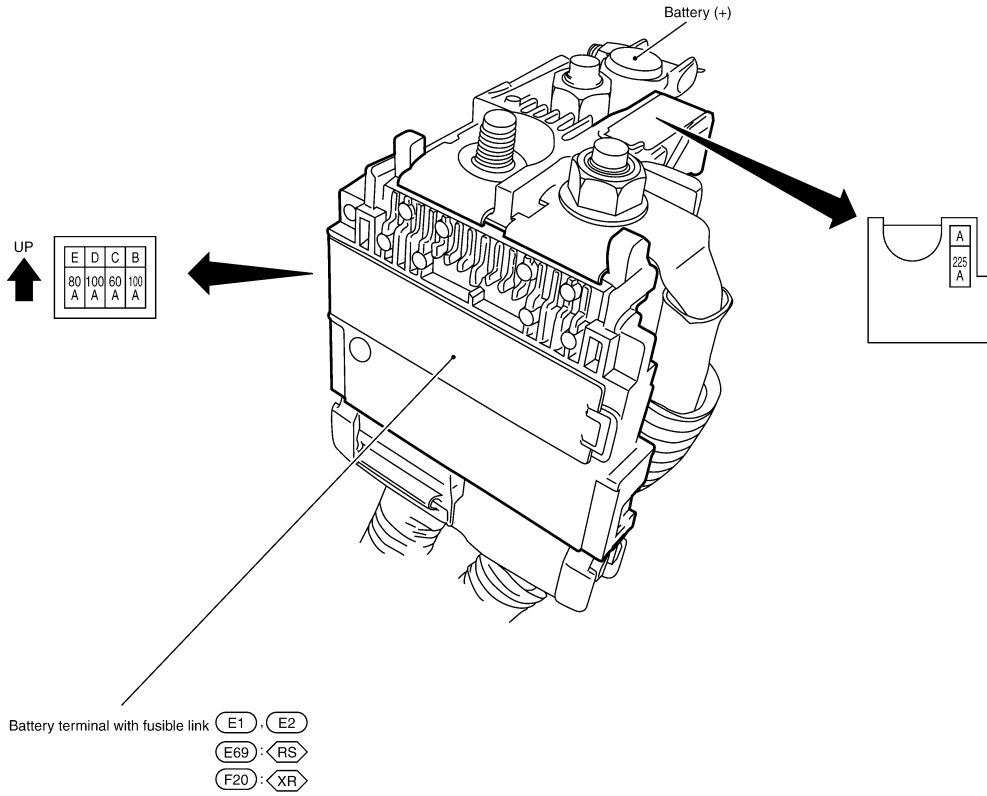
FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

INFOID:000000012199796

FUSE, FUSIBLE LINK AND RELAY BOX Fuse and Fusible Link Arrangement

RS : For NISMO RS models
XR : Except for NISMO RS models



2015/08/18

JRMW15204GB

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

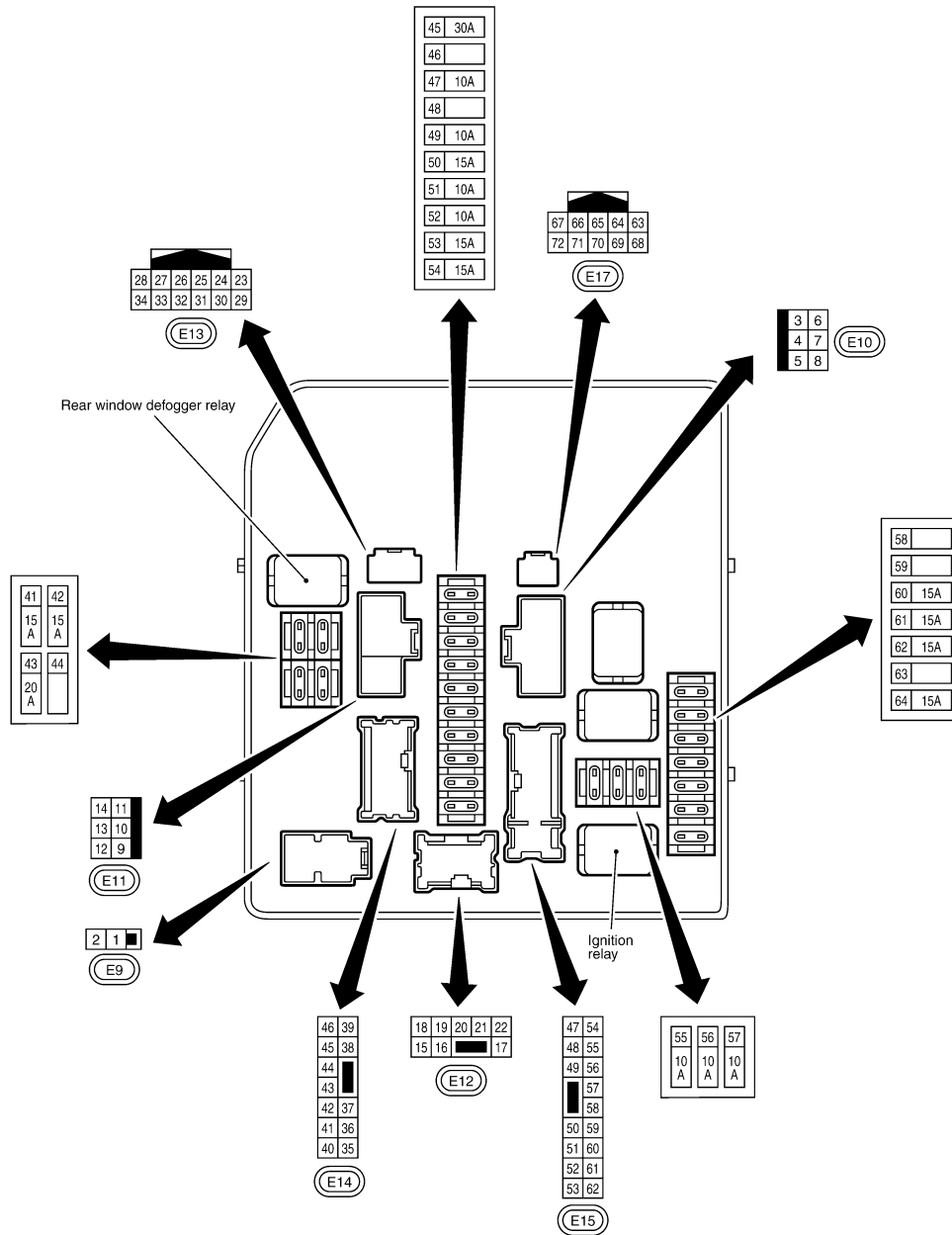
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IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)

Fuse, Connector and Terminal Arrangement

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IPDM E/R (INTELLIGENT POWER DISTRIBUTION ENGINE ROOM) Fuse, Connector and Terminal Arrangement



To engine room harness

2015/08/18

JRMW15205GB

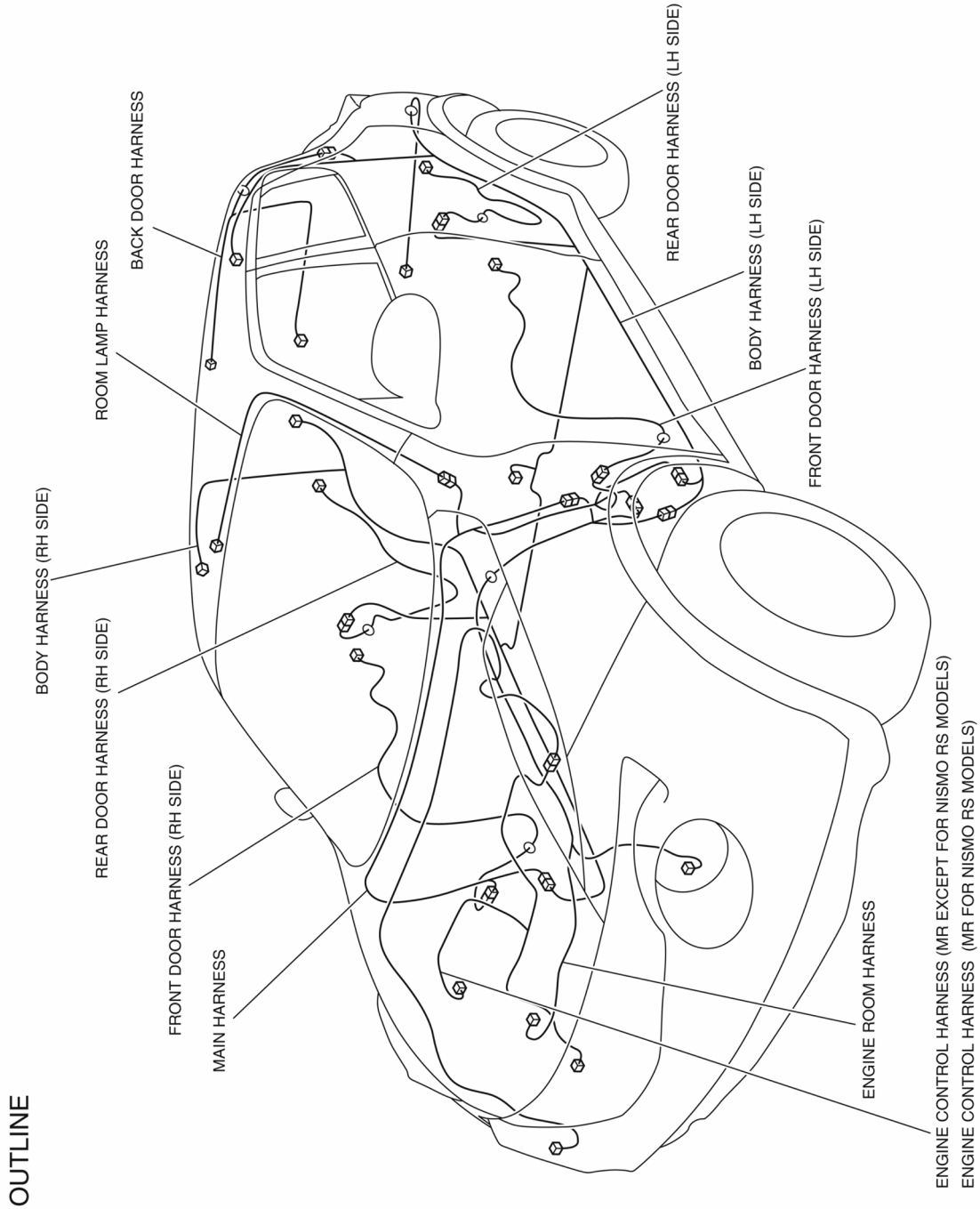
HARNESS LAYOUT

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HARNESS LAYOUT

Outline

INFOID:000000012199805



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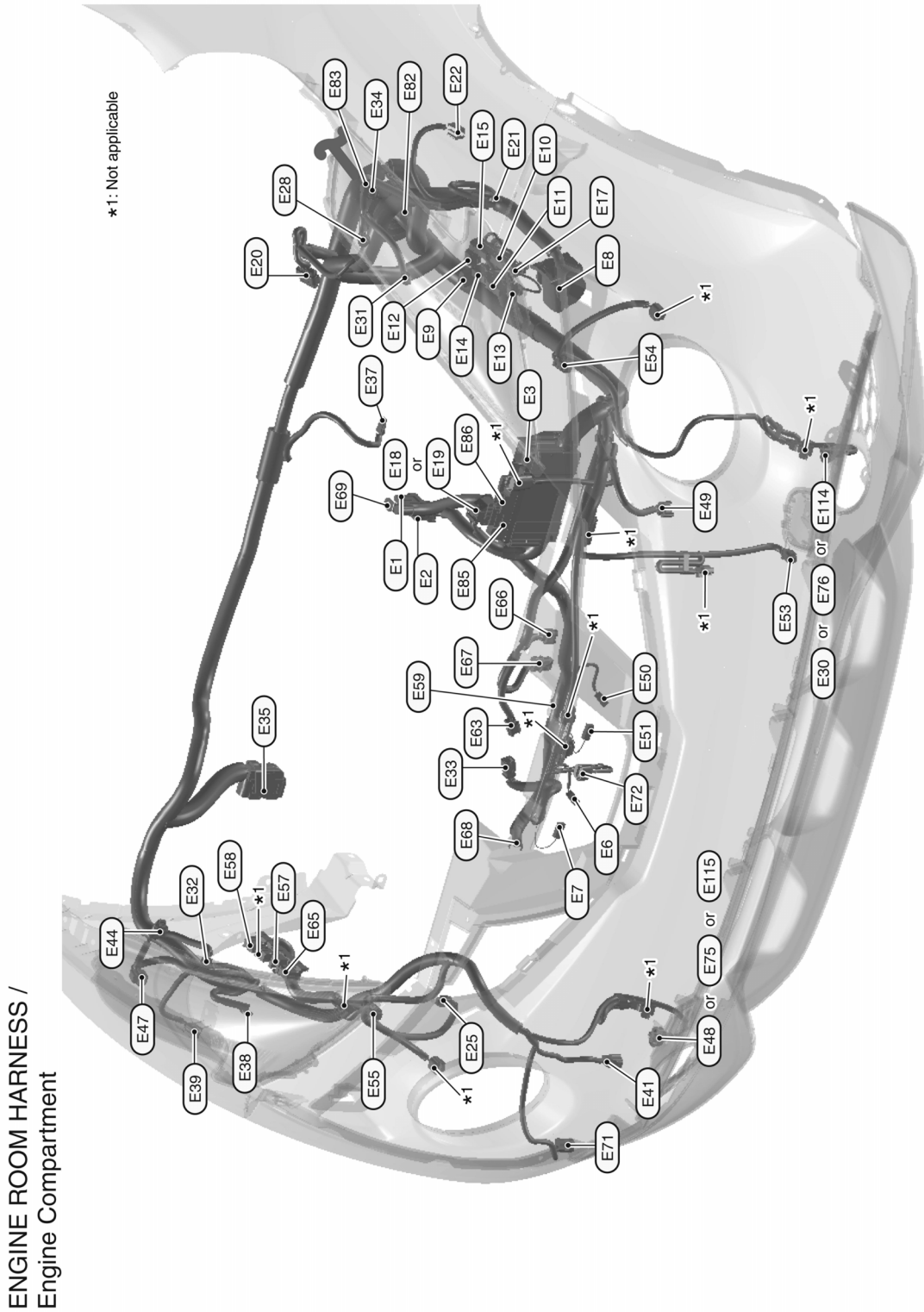
HARNESS LAYOUT

< WIRING DIAGRAM >

Engine Room Harness

INFOID:000000012199806

ENGINE COMPARTMENT



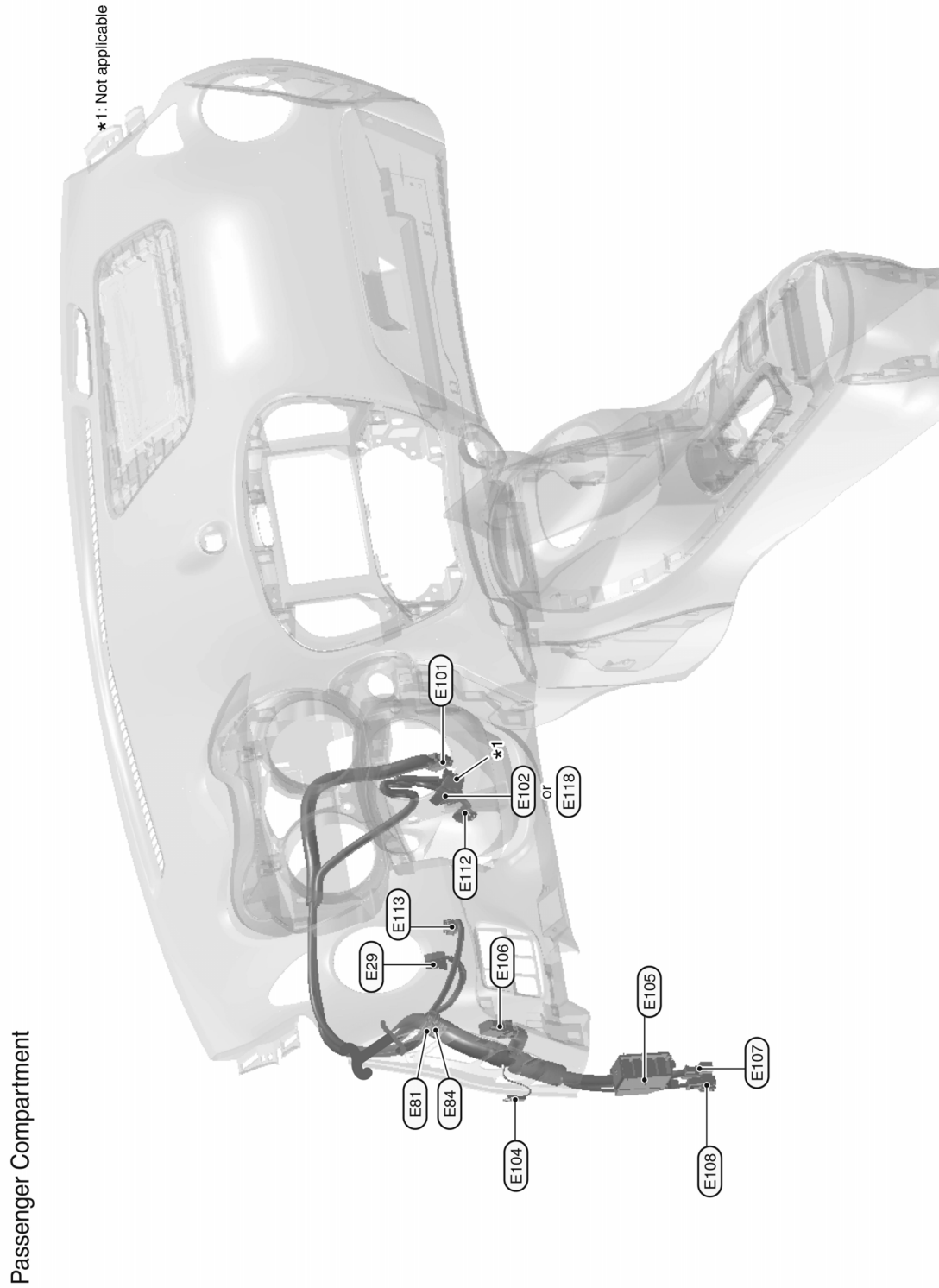
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HARNESS LAYOUT

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PASSENGER COMPARTMENT



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HARNES LAYOUT

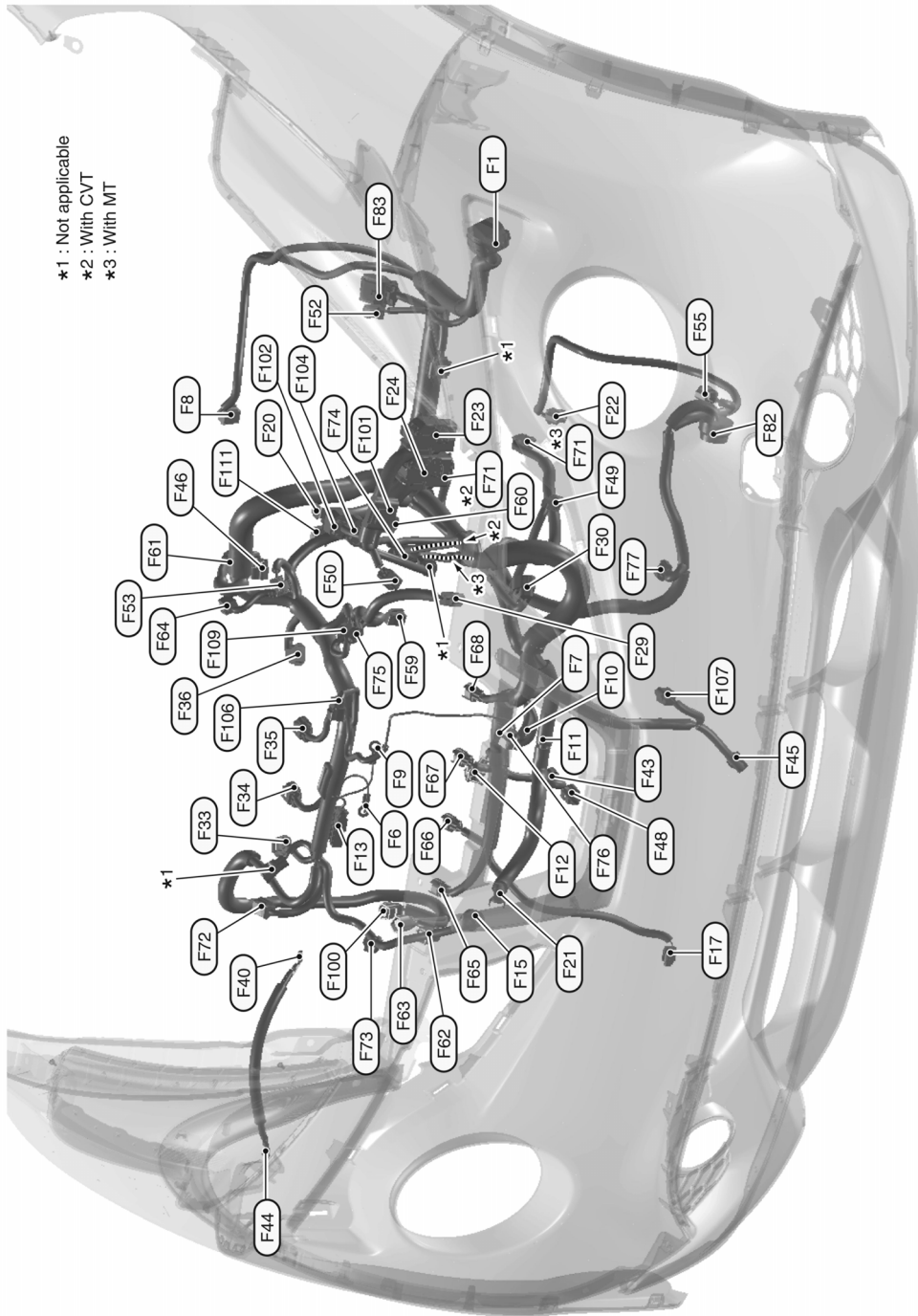
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Engine Control Harness

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MR EXCEPT FOR NISMO RS MODELS

ENGINE CONTROL HARNESS (MR EXCEPT FOR NISMO RS MODELS)



- *1 : Not applicable
- *2 : With CVT
- *3 : With MT

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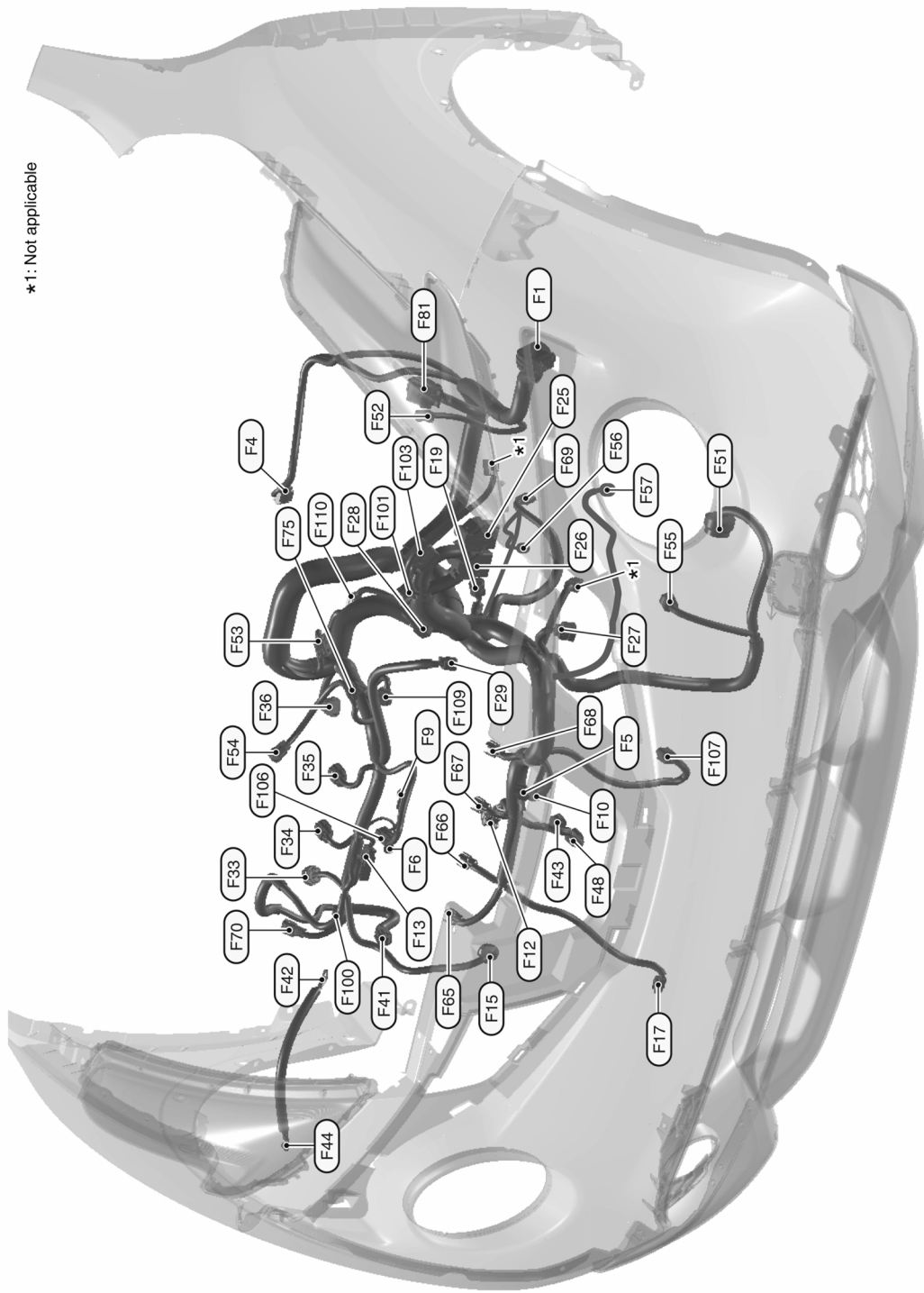
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HARNES LAYOUT

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MR FOR NISMO RS MODELS

ENGINE CONTROL HARNESS (MR FOR NISMO RS MODELS)



*1: Not applicable

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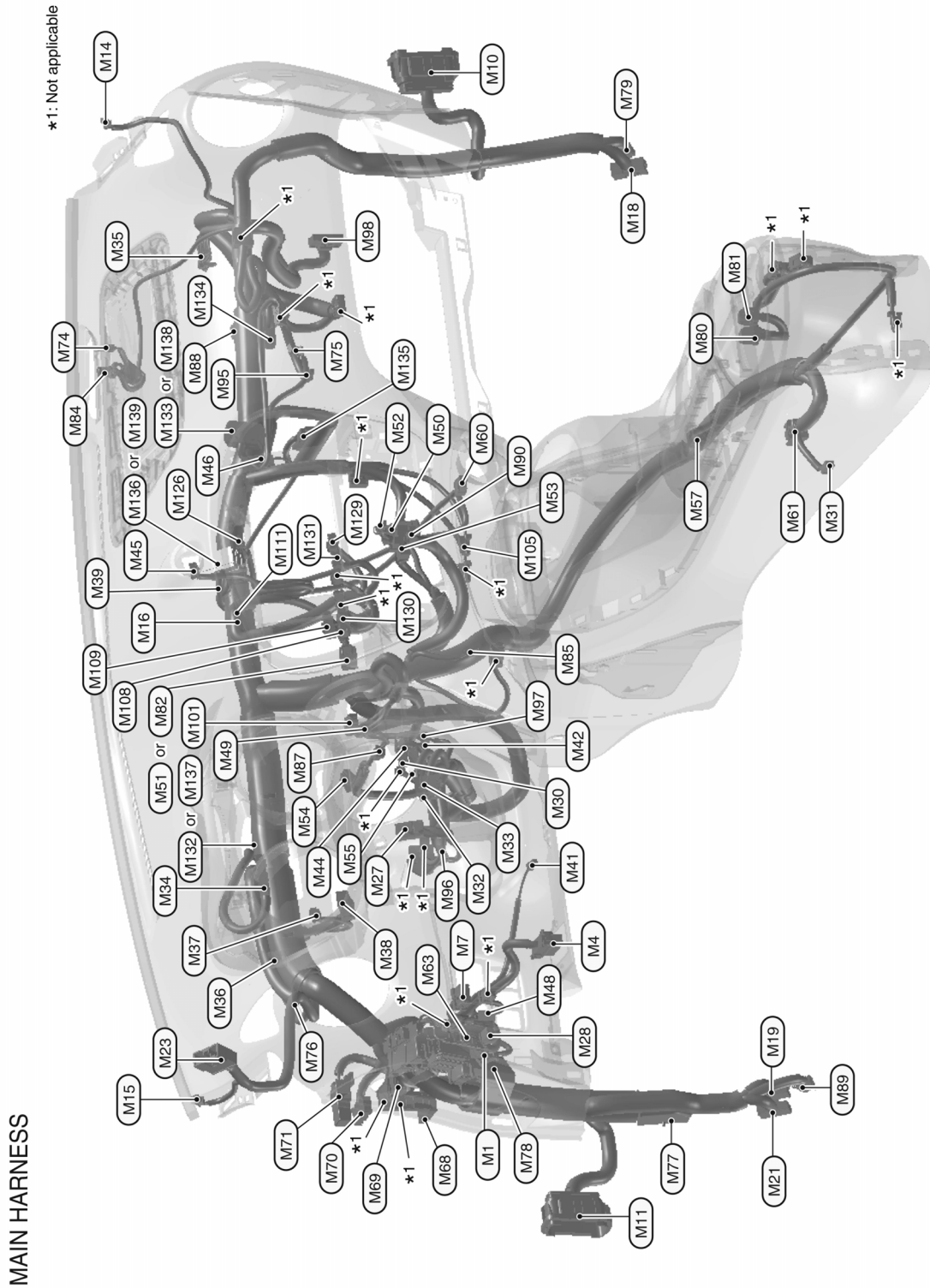
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HARNESS LAYOUT

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Main Harness

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HARNES LAYOUT

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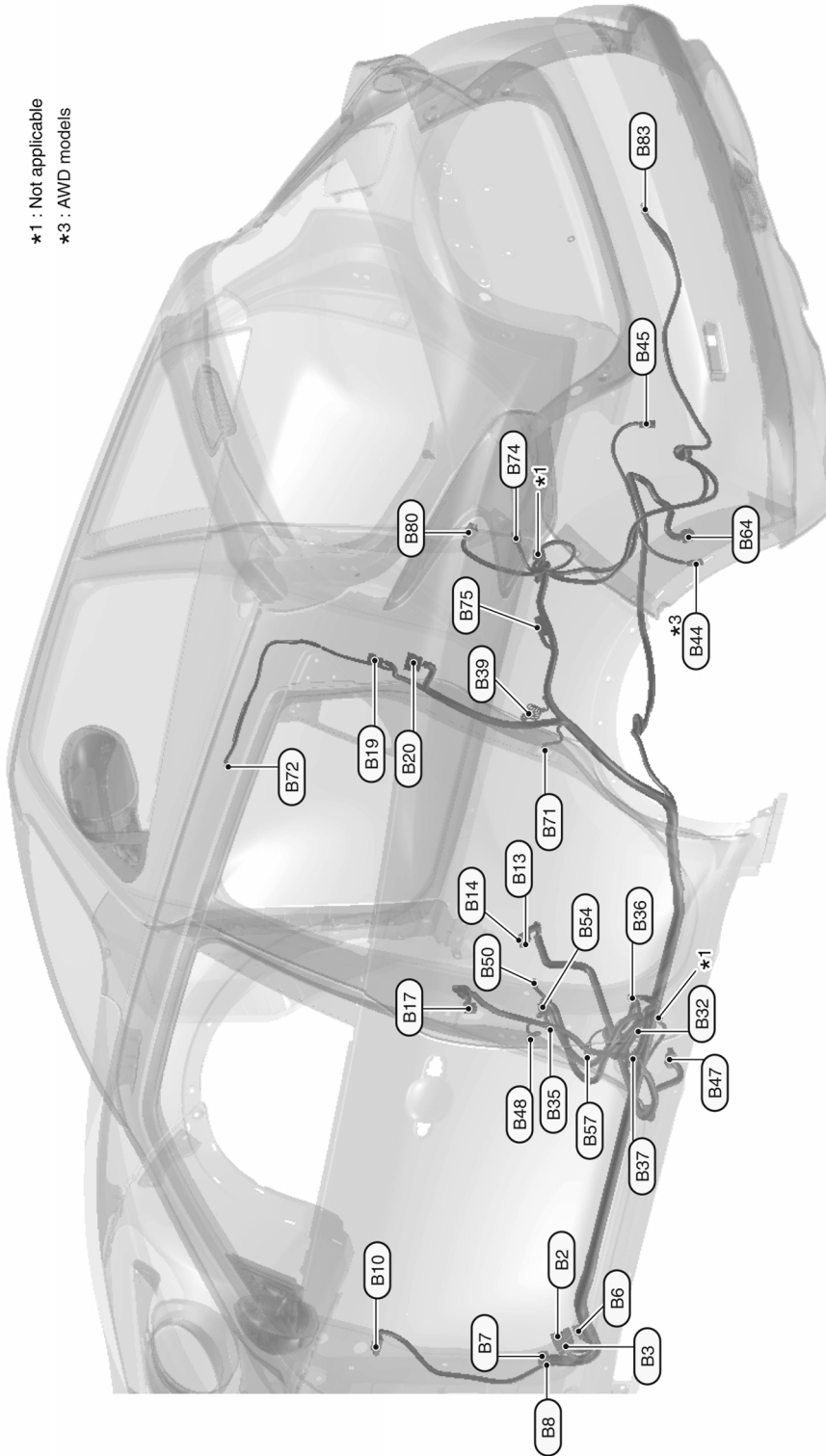
Body Harness

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LH SIDE

*1 : Not applicable
*3 : AWD models

BODY HARNESS (LH SIDE)



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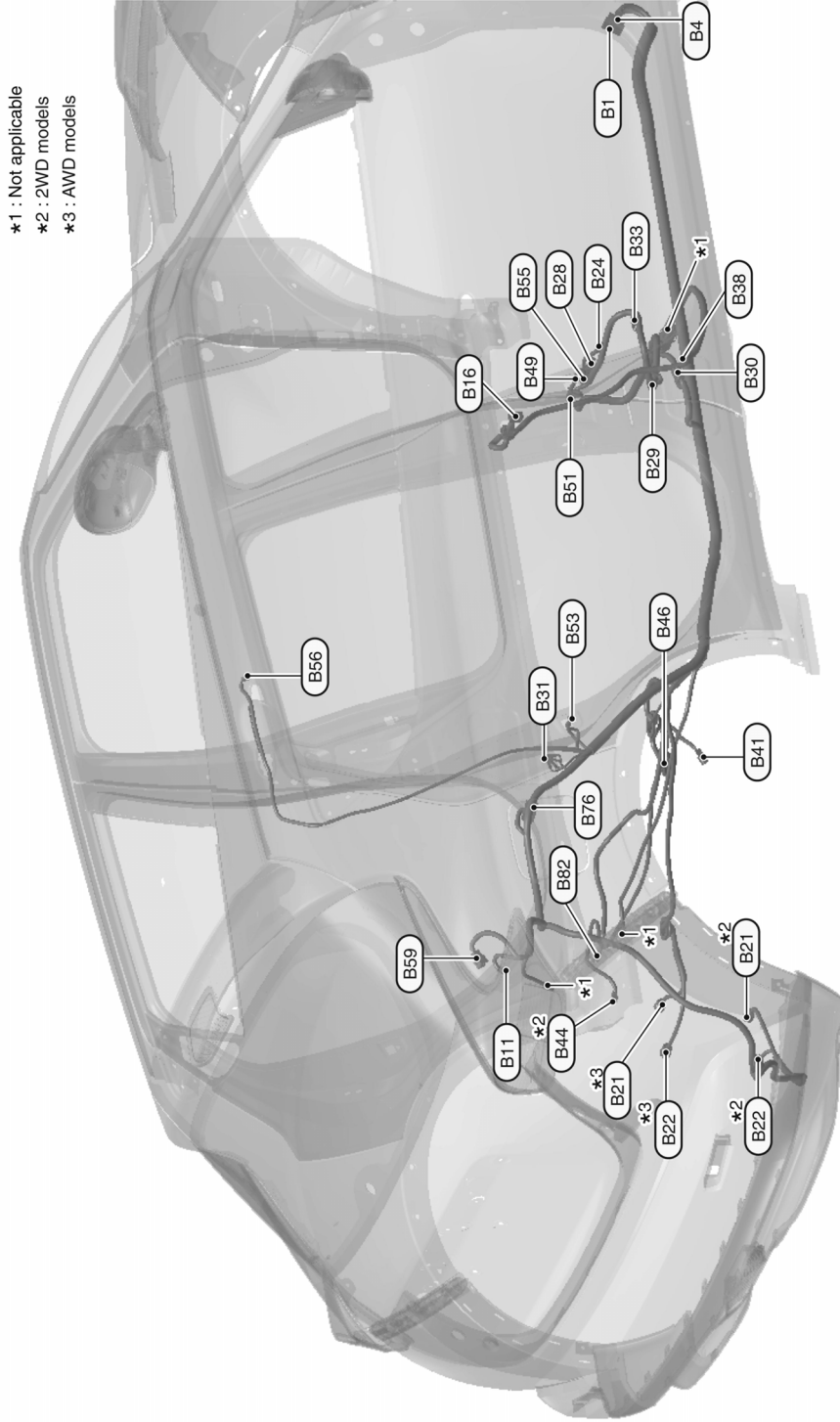
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HARNES LAYOUT

< WIRING DIAGRAM >

RH SIDE

BODY HARNESS (RH SIDE)



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HARNES LAYOUT

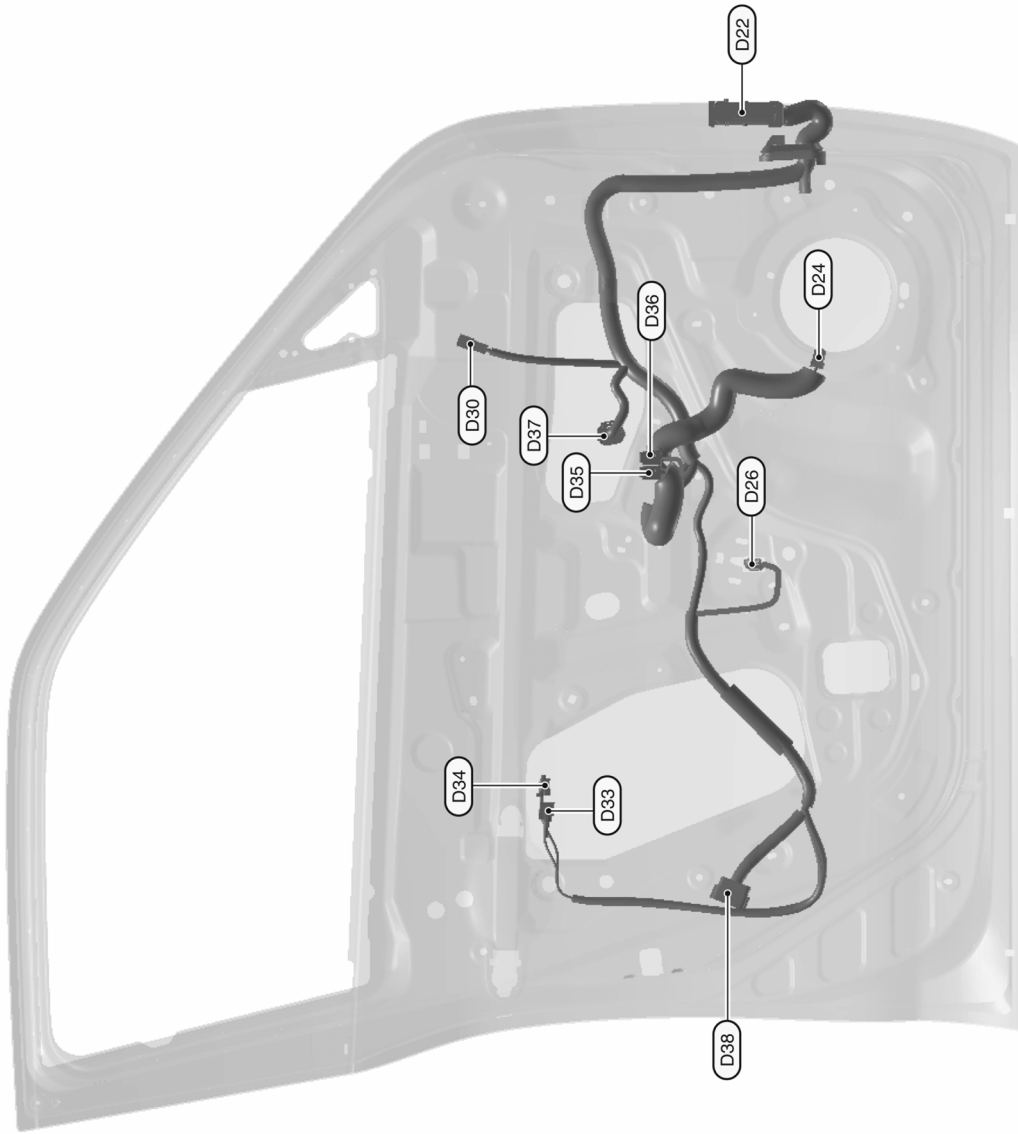
< WIRING DIAGRAM >

Door Harness

INFOID:000000012199810

FRONT DOOR HARNESS (LH SIDE)

FRONT DOOR HARNESS (LH SIDE)



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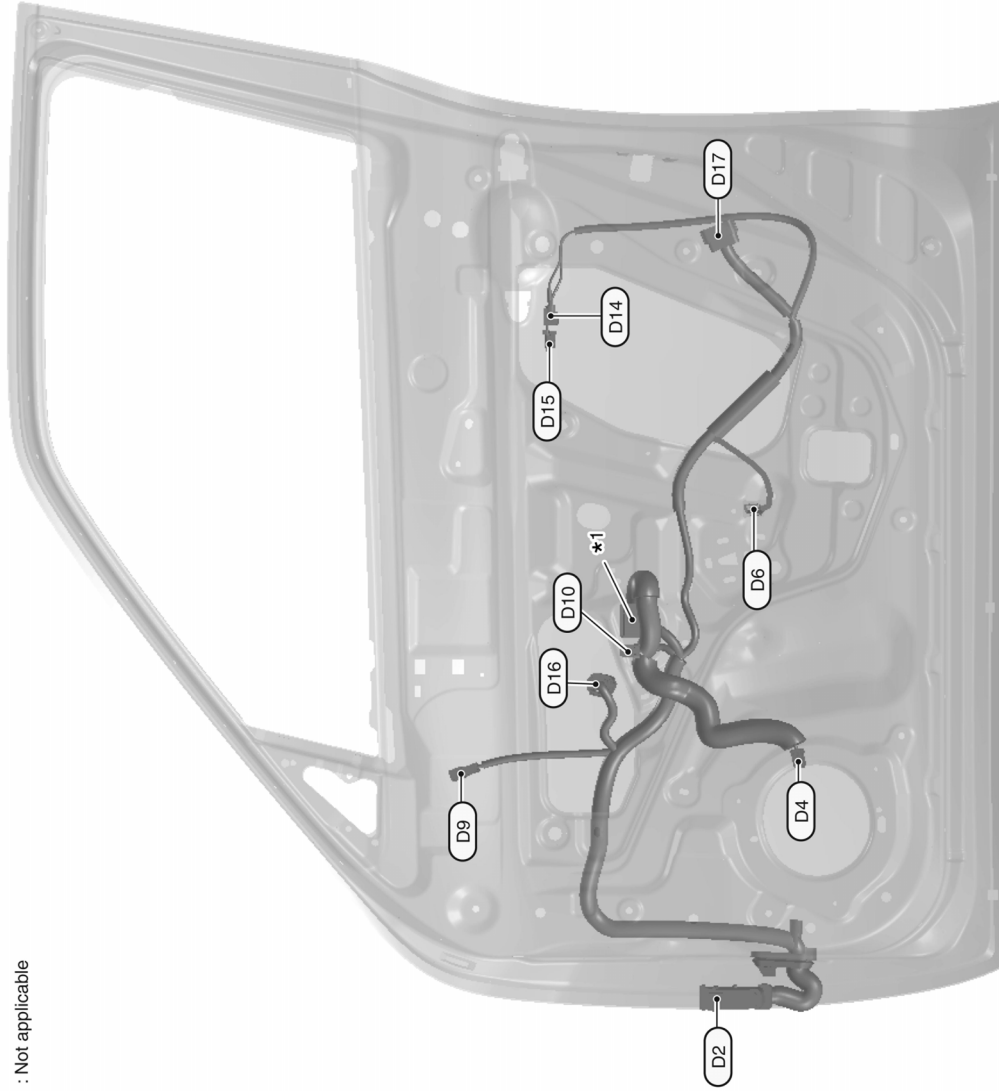
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HARNES LAYOUT

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FRONT DOOR HARNESS (RH SIDE)



FRONT DOOR HARNESS (RH SIDE)

*1 : Not applicable

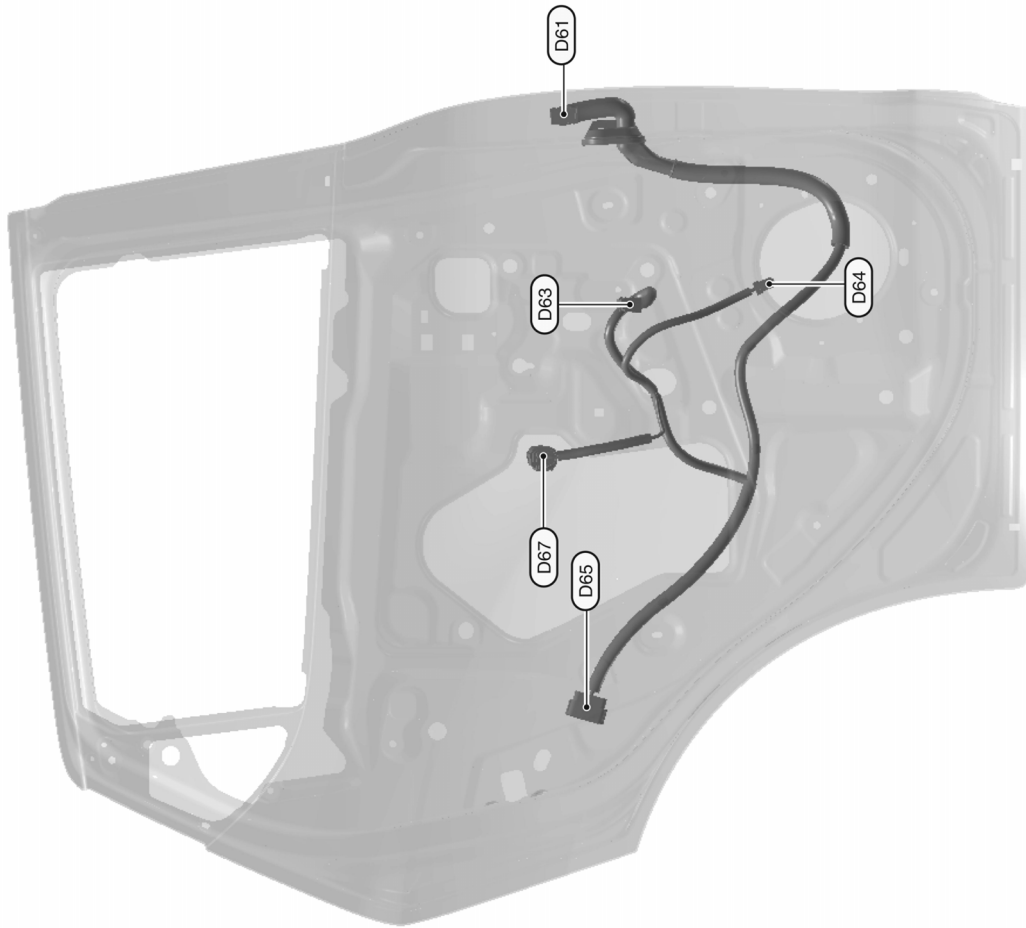
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HARNES LAYOUT

< WIRING DIAGRAM >

REAR DOOR HARNESS (LH SIDE)



REAR DOOR HARNESS (LH SIDE)

2015/08/18

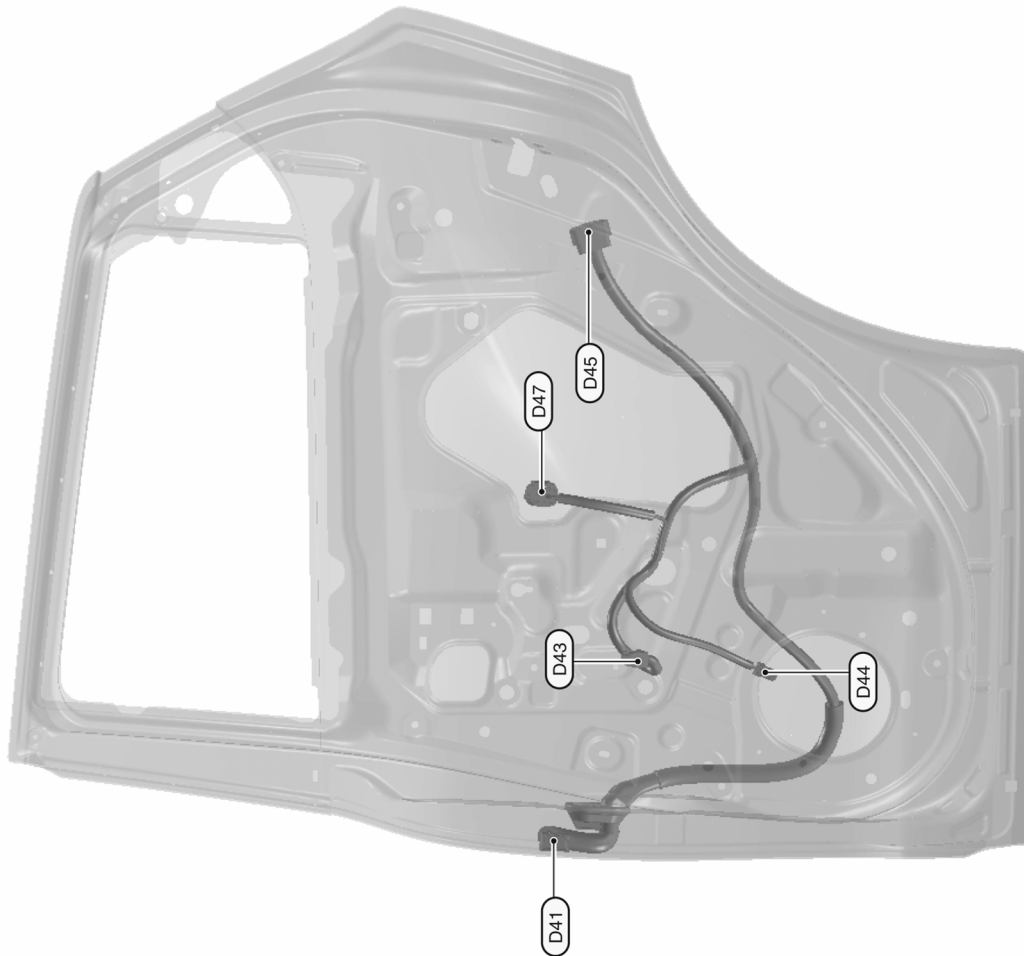
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HARNES LAYOUT

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REAR DOOR HARNESS (RH SIDE)



REAR DOOR HARNESS (RH SIDE)

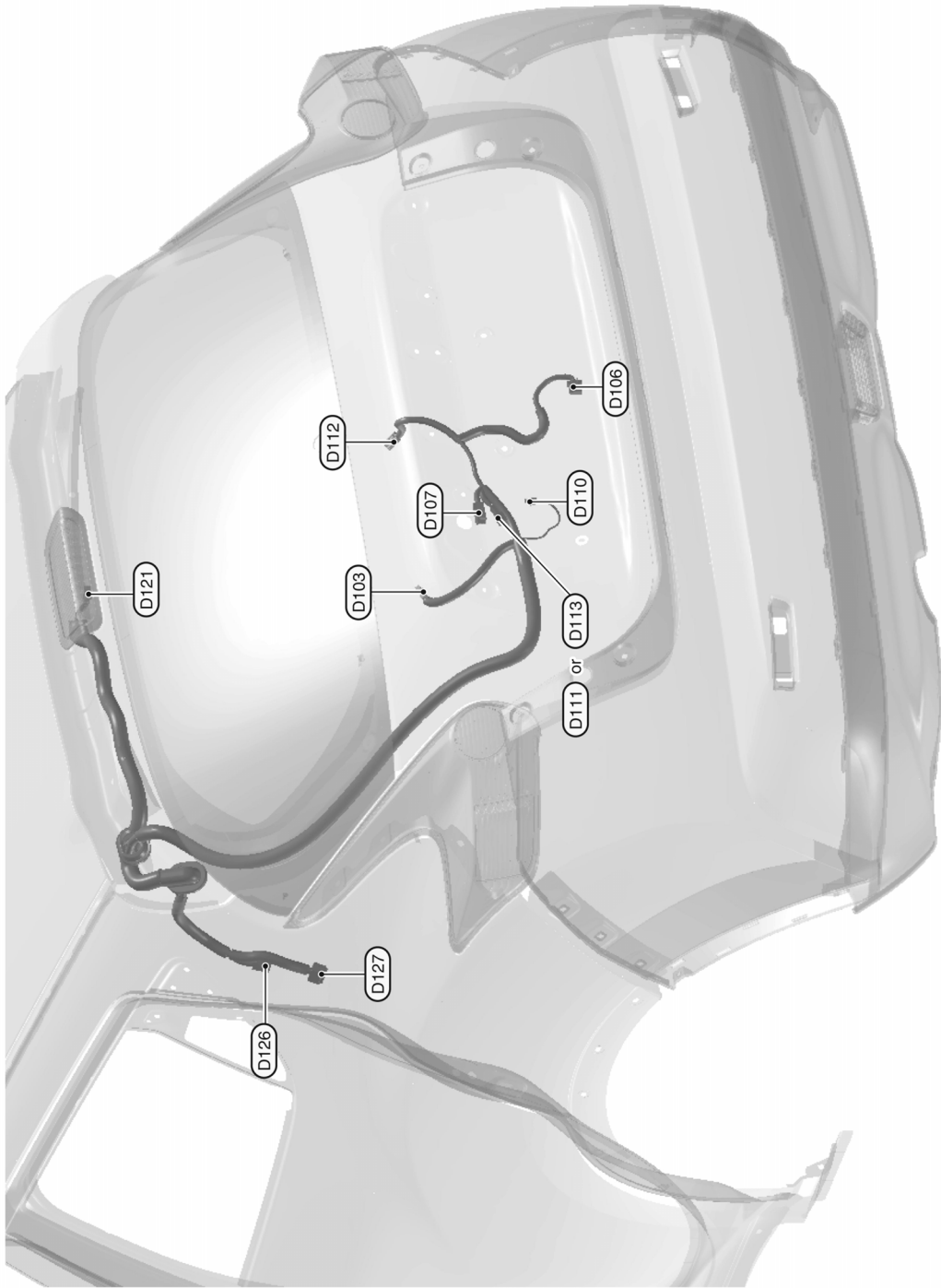
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HARNES LAYOUT

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BACK DOOR HARNES

BACK DOOR HARNES



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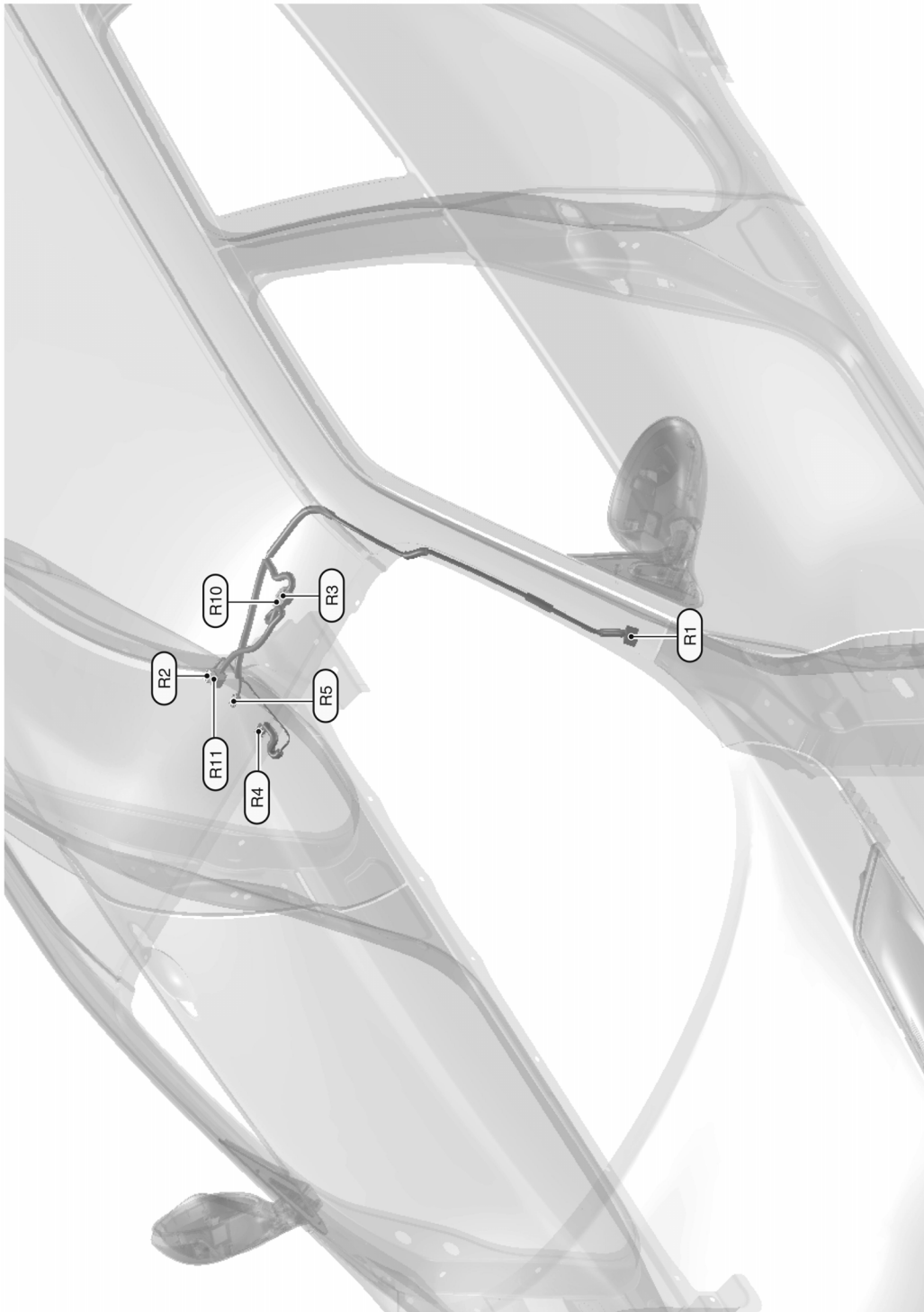
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HARNES LAYOUT

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Room Lamp Harness

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ROOM LAMP HARNESS

2015/08/18

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BATTERY INSPECTION

< BASIC INSPECTION >

BASIC INSPECTION

BATTERY INSPECTION

How to Handle Battery

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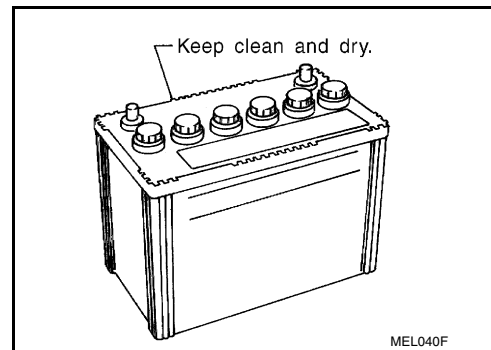
CAUTION:

- 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.

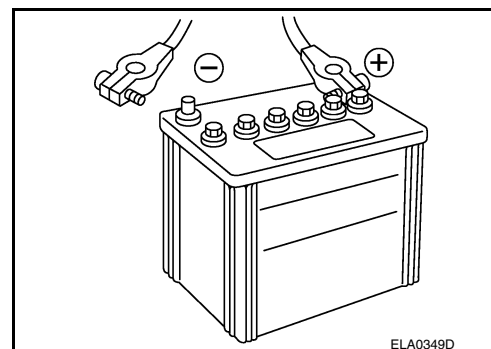
METHODS OF PREVENTING OVER-DISCHARGE

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.)



Work Flow

INFOID:000000012199813

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

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

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

NOTE:

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

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

Check 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.

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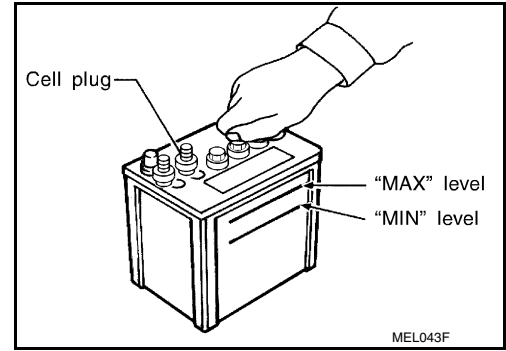
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BATTERY INSPECTION

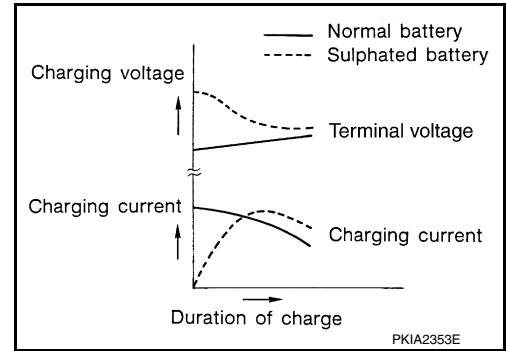
< BASIC INSPECTION >

- 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.**



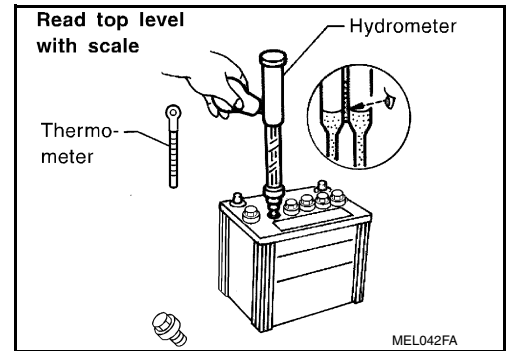
Specific Gravity Check

NOTE:

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.

1. Read hydrometer and thermometer indications at eye level.
2. Use the chart below to correct your hydrometer reading according to electrolyte temperature.



Hydrometer Temperature Correction

| Battery electrolyte temperature [°C (°F)] | Add to specific gravity reading |
|---|---------------------------------|
| 71 (160) | 0.032 |
| 66 (150) | 0.028 |
| 60 (140) | 0.024 |
| 54 (130) | 0.020 |
| 49 (120) | 0.016 |
| 43 (110) | 0.012 |
| 38 (100) | 0.008 |
| 32 (90) | 0.004 |
| 27 (80) | 0 |
| 21 (70) | -0.004 |
| 16 (60) | -0.008 |
| 10 (50) | -0.012 |

BATTERY INSPECTION

< BASIC INSPECTION >

| Battery electrolyte temperature [°C (°F)] | Add to specific gravity reading |
|---|---------------------------------|
| 4 (40) | -0.016 |
| -1 (30) | -0.020 |
| -7 (20) | -0.024 |
| -12 (10) | -0.028 |
| -18 (0) | -0.032 |

| Corrected specific gravity | Approximate charge condition |
|----------------------------|------------------------------|
| 1.260 - 1.280 | Fully charged |
| 1.230 - 1.250 | 3/4 charged |
| 1.200 - 1.220 | 1/2 charged |
| 1.170 - 1.190 | 1/4 charged |
| 1.140 - 1.160 | Almost discharged |
| 1.110 - 1.130 | Completely discharged |

Charging The Battery

CAUTION:

- **Never “quick charge” a fully discharged battery.**
- **Keep the battery away from open flame while it is being charged.**
- **When connecting the charger, connect the leads first, then turn on the charger. Never turn on the charger first, as this may cause a spark.**
- **If battery electrolyte temperature rises above 55 °C (131 °F), stop charging. Always charge battery at a temperature below 55 °C (131 °F).**

Charging Rates (Standard Charge)

| Approximate charge condition | Charge current (A) | Charge time (h) |
|------------------------------|--------------------|-----------------|
| Fully charged | 5 | 2 |
| 3/4 charged | | 2.5 |
| 1/2 charged | | 5 |
| 1/4 charged | | 7.5 |
| Almost discharged | | 9 |
| Completely discharged | | 10 |

Charging Rates (Quick Charge)

| Approximate charge condition | Charge current (A) | Charge time (h) |
|------------------------------|--------------------|-----------------|
| Fully charged | — | — |
| 3/4 charged | 13 | 0.5 |
| 1/2 charged | 26 | |
| 1/4 charged | | |
| Almost discharged | — | — |
| Completely discharged | — | |

NOTE:

The ammeter reading on your battery charger will automatically decrease as the battery charges. This indicates that the voltage of the battery is increasing normally as the state of charge improves. The charging amps indicated above refer to initial charge rate.

- If, after charging, the specific gravity of any two cells varies more than 0.050, the battery should be replaced.

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FUSE INSPECTION

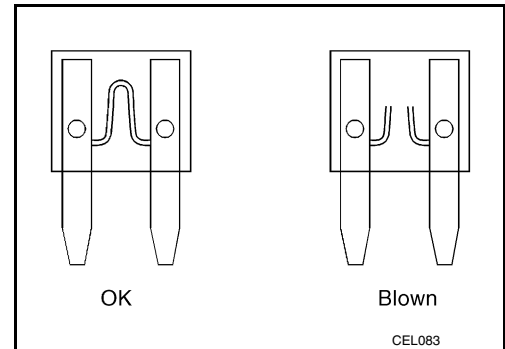
< BASIC INSPECTION >

FUSE INSPECTION

How To Check

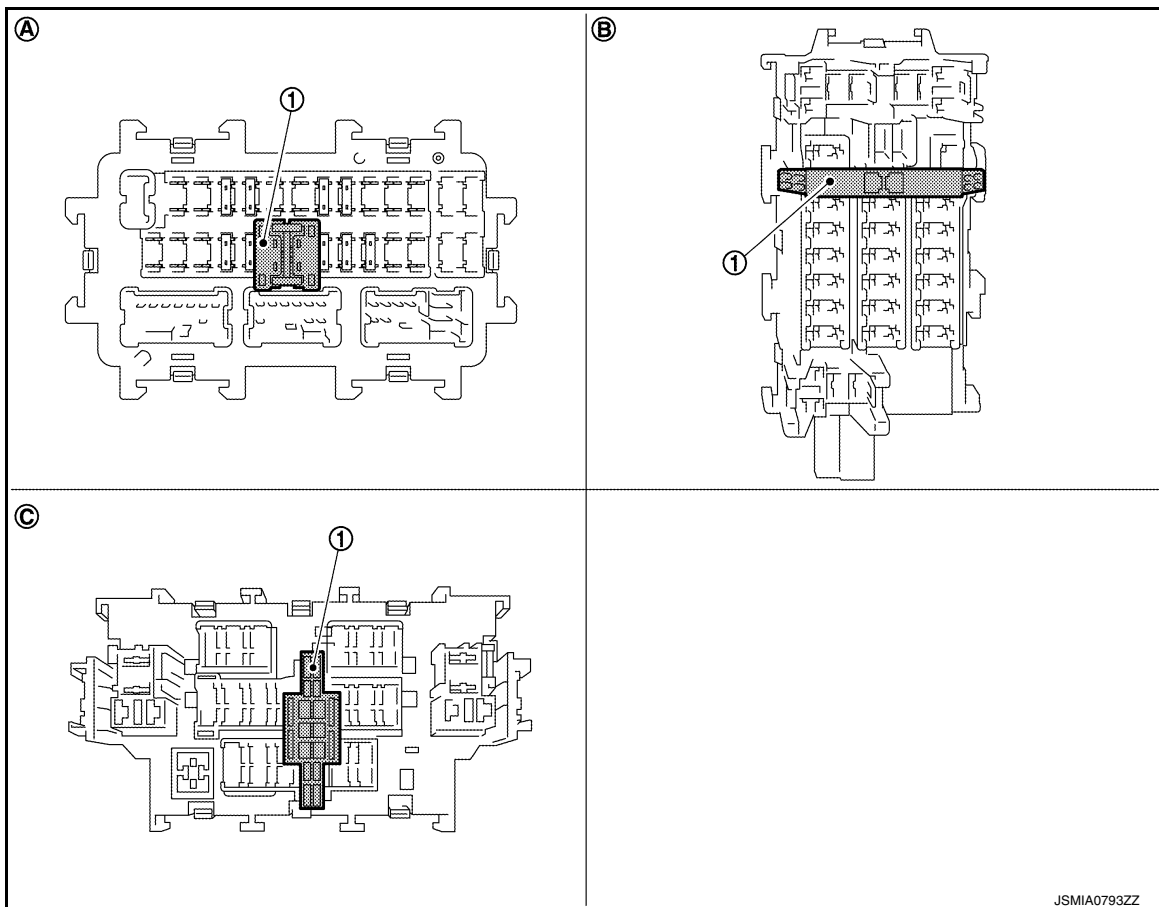
INFOID:000000012199814

- 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

A. Type A

B. Type B

C. Type C

- Remove the extended storage fuse switch when replacing the fuse of extended storage fuse switch.
- Remove the extended storage fuse switch if it causes the interference when the fuse or the other fuses is checked.

How To Extended Storage Fuse Switch ON/OFF

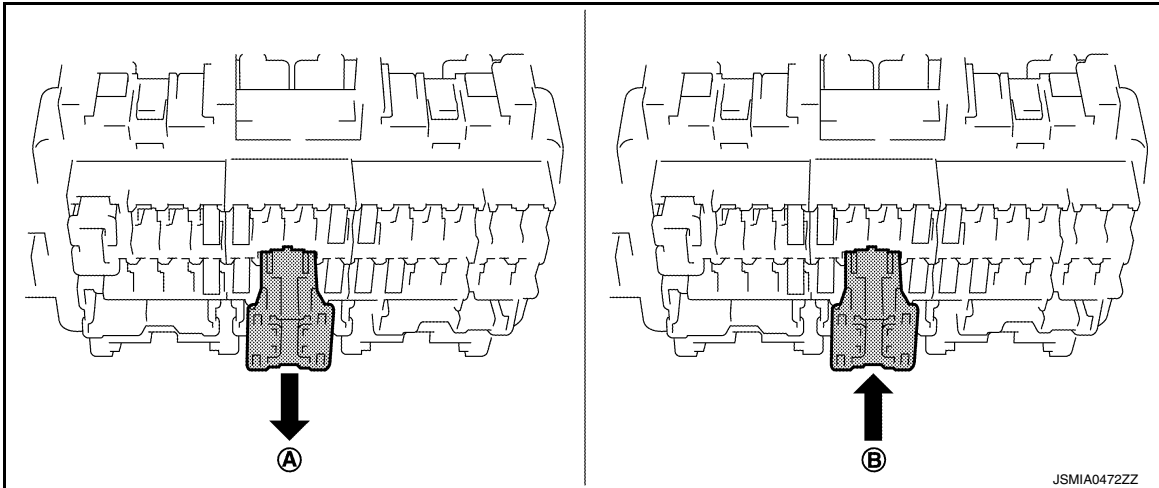
CAUTION:

- 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

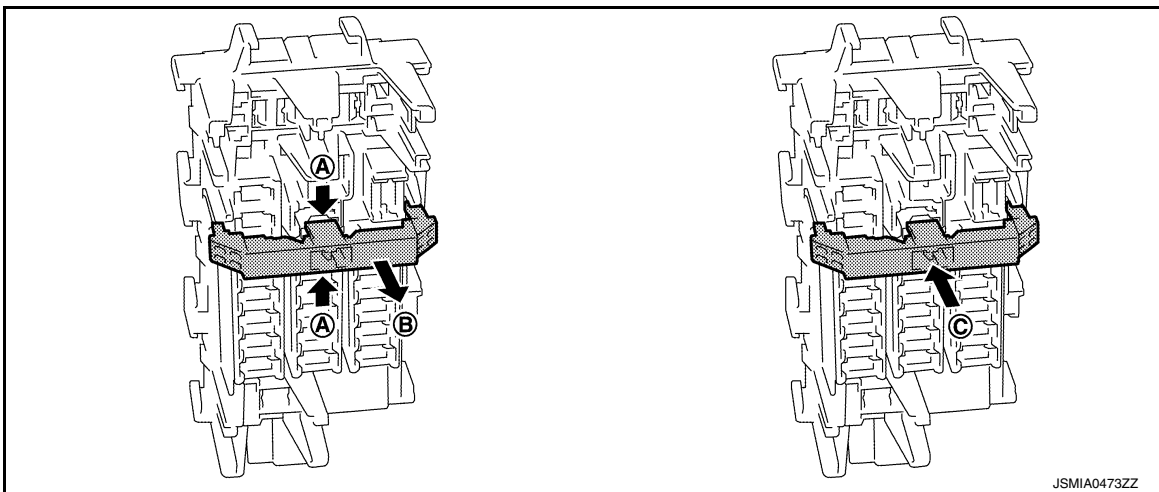
< BASIC INSPECTION >

• Type A



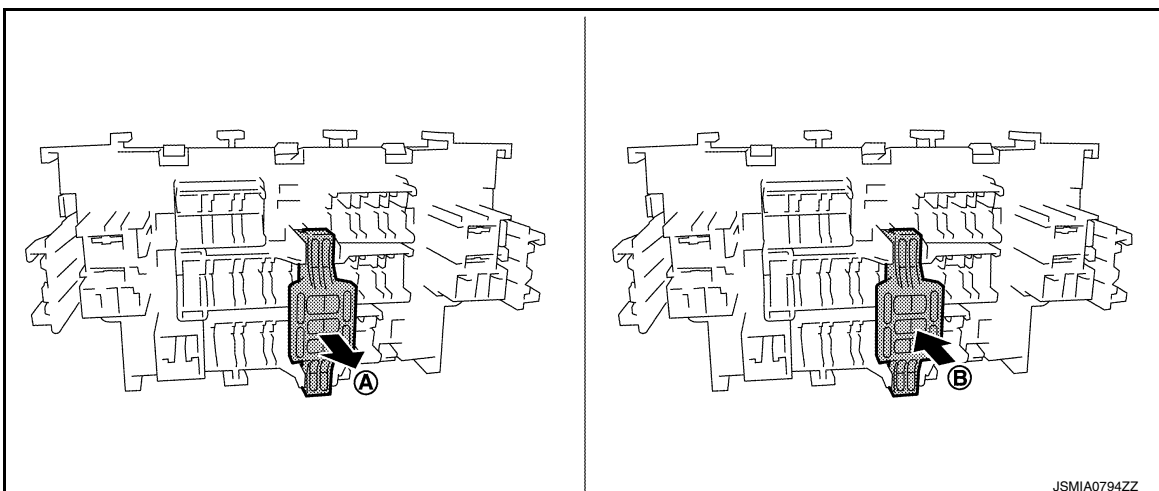
- To turn the extended storage fuse switch OFF, pull it up in (A) direction as shown in the figure.
- To turn the extended storage fuse switch ON, press it in (B) direction as shown in the figure.

• 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

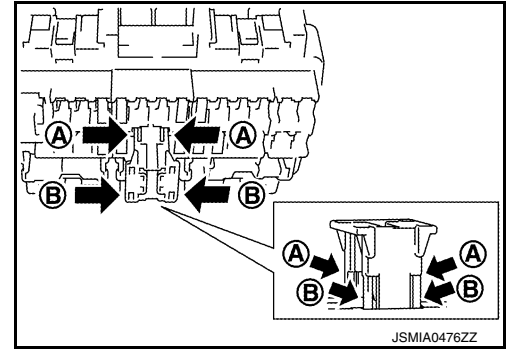
Type A

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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.

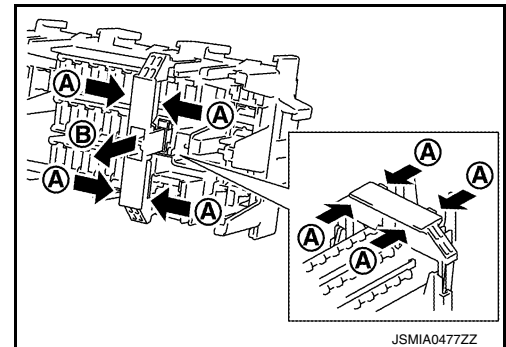


NOTE:

- Extended storage fuse switch and fuse are removed together. Remove fuse from extended storage fuse switch, if necessary.
- 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.

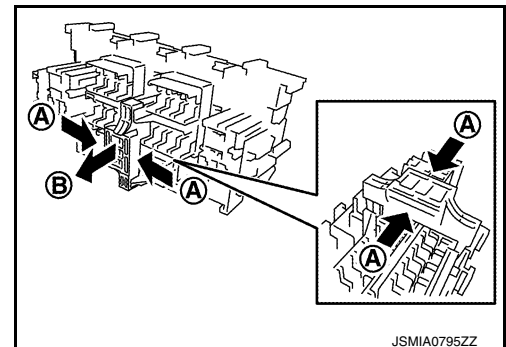


NOTE:

- Extended storage fuse switch and fuse may be removed together. Remove fuse from extended storage fuse switch, if necessary.
- 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.
3. Hold (A) and pull up the extended storage fuse switch hard in (B) direction.



NOTE:

- Extended storage fuse switch and fuse are removed together. Remove fuse from extended storage fuse switch, if necessary.

FUSE INSPECTION

< BASIC INSPECTION >

- Extended storage fuse switch is for transportation and storage. Reinstallation is not required after the removal.

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FUSIBLE LINK INSPECTION

< BASIC INSPECTION >

FUSIBLE LINK INSPECTION

How To Check

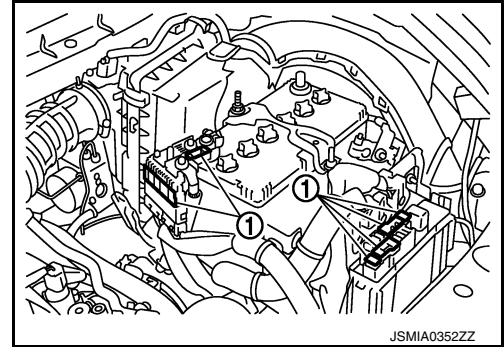
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A melted fusible link can be detected either by visual inspection or by feeling with finger tip. If its condition is questionable, use circuit tester or test lamp.

1 : Fusible link

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.



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BATTERY

< REMOVAL AND INSTALLATION >


REMOVAL AND INSTALLATION

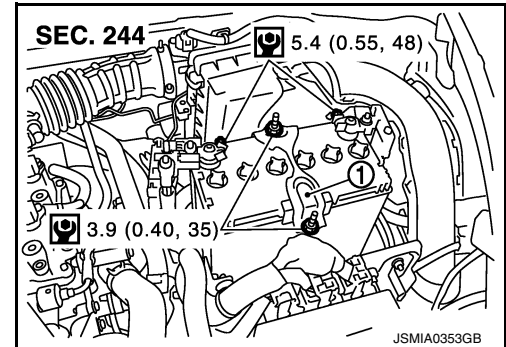
BATTERY

Exploded View

INFOID:000000012199816

1 : Battery fix frame

 : N·m (kg-m, in-lb)



Removal and Installation

INFOID:000000012199817

REMOVAL

1. Disconnect the battery cable from the negative terminal. Refer to [PG-3, "Precautions for Removing Battery Terminal"](#).
CAUTION:
When disconnecting, 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-3, "Precautions for Removing Battery 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.
- When connecting, connect the battery cable to the positive terminal first.
- After connecting battery cables, ensure that they are tightly clamped to battery terminals for good contact.
- Check battery terminal for poor connection caused by corrosion.

Reset electronic systems as necessary. Refer to [GI-62, "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

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BATTERY TERMINAL WITH FUSIBLE LINK

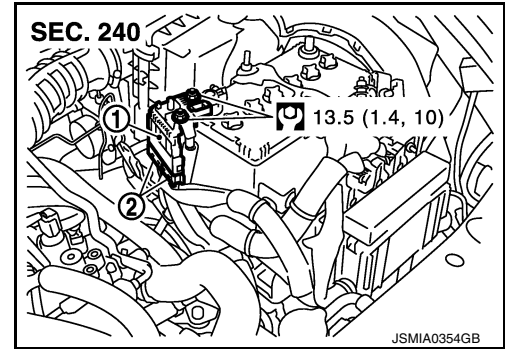
< REMOVAL AND INSTALLATION >

BATTERY TERMINAL WITH FUSIBLE LINK

Exploded View

INFOID:000000012199818

- 1 : Battery terminal with fusible link
- 2 : Harness connector
-  : N·m (kg-m, ft-lb)



Removal and Installation

INFOID:000000012199819

REMOVAL

1. Disconnect the battery cable from the negative terminal. Refer to [PG-3, "Precautions for Removing Battery Terminal"](#).
2. Remove cover of battery positive terminal.
3. Remove harness mounting nut and battery terminal with fusible link mounting nut.
4. Disconnect harness connector and remove battery terminal with fusible link.

INSTALLATION

Install in the reverse order of removal.

SERVICE DATA AND SPECIFICATIONS (SDS)

< SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

Battery

INFOID:0000000012199820

| | | |
|---|----------|-----------|
| Type | | 80D23L-HR |
| 20 hour rate capacity | [V – Ah] | 12 – 62 |
| Cold cranking current (For reference value) | [A] | 570 |

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