

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:000000011321034

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 "SRS AIR BAG" and "SEAT BELT" of this Service Manual.

WARNING:

Always observe the following items for preventing accidental activation.

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

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

WARNING:

Always observe the following items for preventing accidental activation.

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

Precautions for Removing Battery Terminal

INFOID:000000011321035

- When removing the 12V battery terminal, turn OFF the ignition switch and wait at least 30 seconds.

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.

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

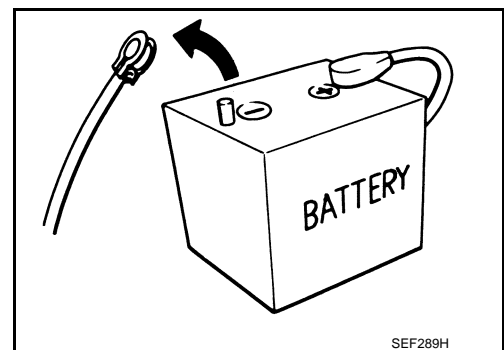
NOTE:

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.



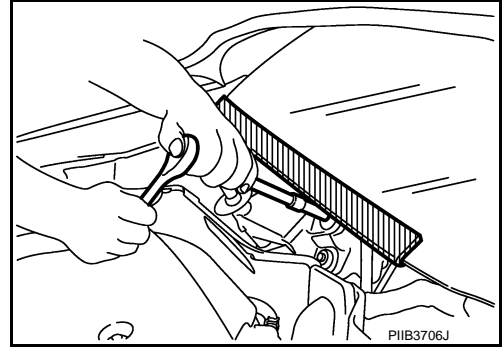
PRECAUTIONS

< PRECAUTION >

Precaution for Procedure without Cowl Top Cover

INFOID:000000011587561

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



PREPARATION


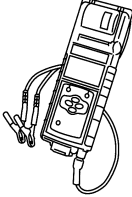
< PREPARATION >

PREPARATION

PREPARATION

Special Service Tools

INFOID:0000000011321036

| Tool number (TechMate No.) Tool name | Description |
|--|--|
| <p>— (→) Model GR8-1200 NI Multitasking battery and electrical diagnostic station</p>  <p>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>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 >

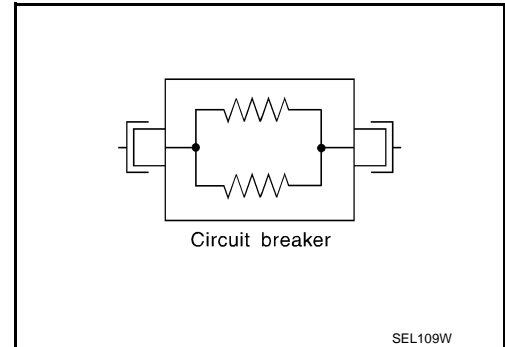
SYSTEM DESCRIPTION

COMPONENT PARTS

Circuit Breaker

INFOID:0000000011321037

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:0000000011321038

| | | |
|---|----------|-------------|
| Type | | 110D26L-HR* |
| 20 hour rate capacity | [V – Ah] | 12 – 75 |
| Cold cranking current (For reference value) | [A] | 720 |

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:0000000011321039

HARNESS CONNECTOR (TAB-LOCKING TYPE)

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

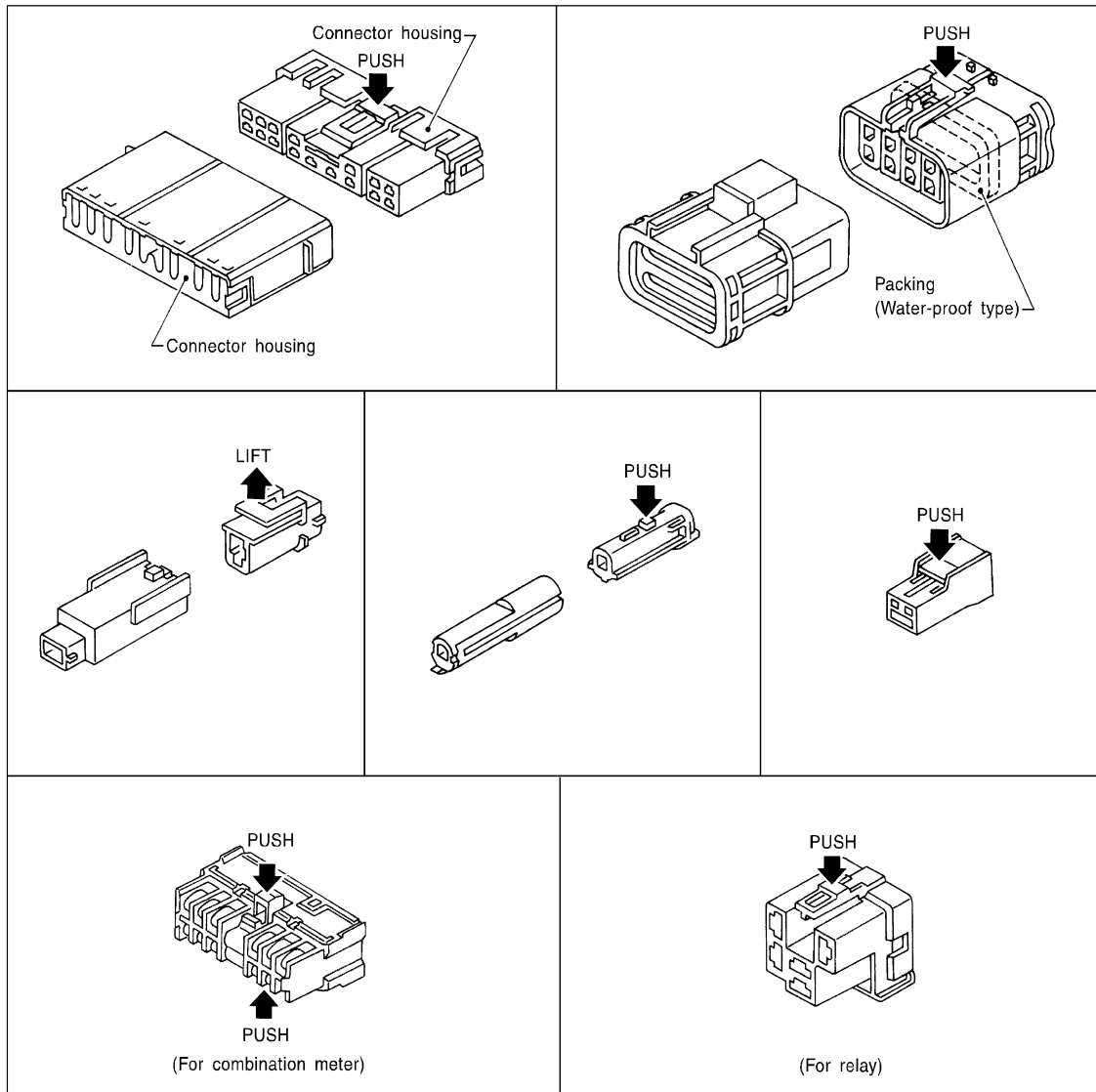
CAUTION:

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

COMPONENT PARTS

< SYSTEM DESCRIPTION >

[Example]



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HARNESS CONNECTOR (SLIDE-LOCKING TYPE)

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

CAUTION:

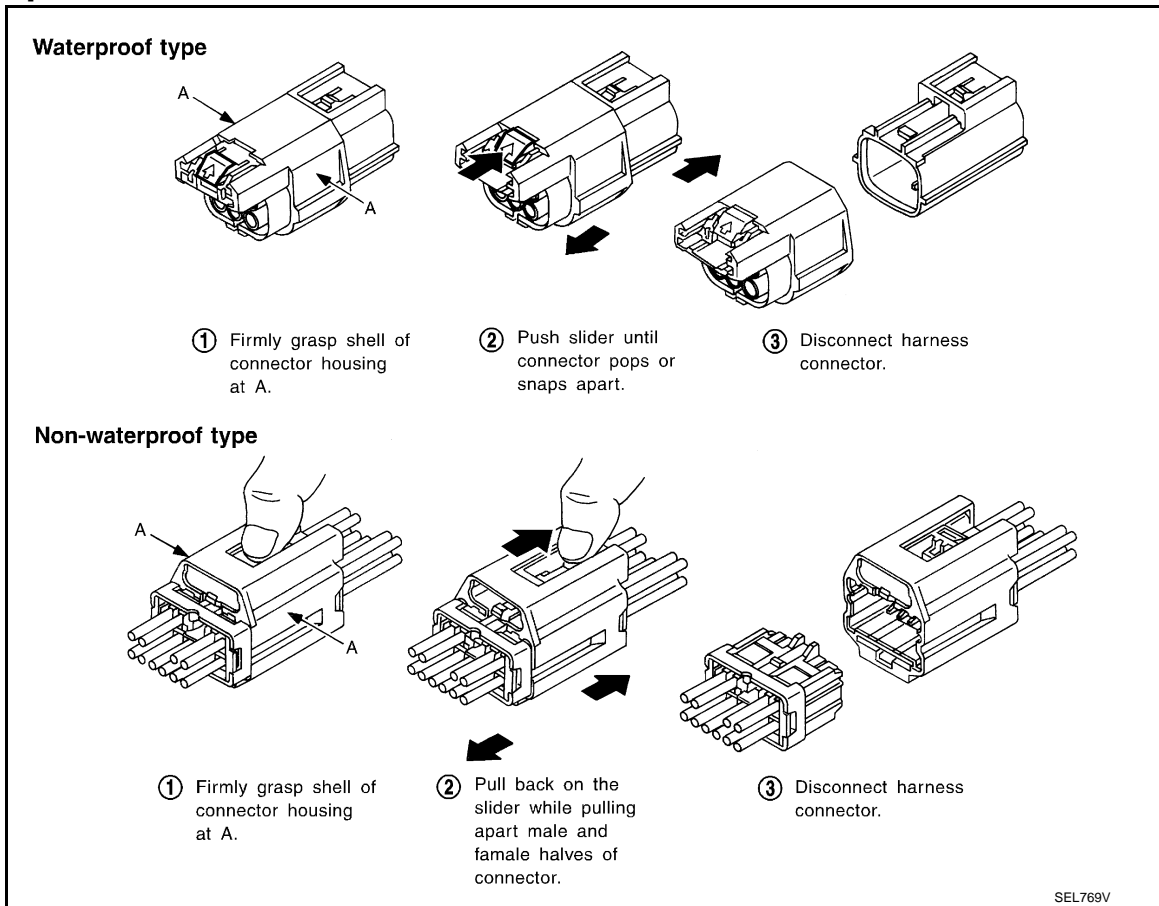
- To prevent damage to the parts, never pull the harness or wires when disconnecting the connector.
- To prevent damage to the parts, be careful not to damage the connector support bracket when disconnecting the connector.

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COMPONENT PARTS

< SYSTEM DESCRIPTION >

[Example]



HARNESS CONNECTOR (LEVER LOCKING TYPE)

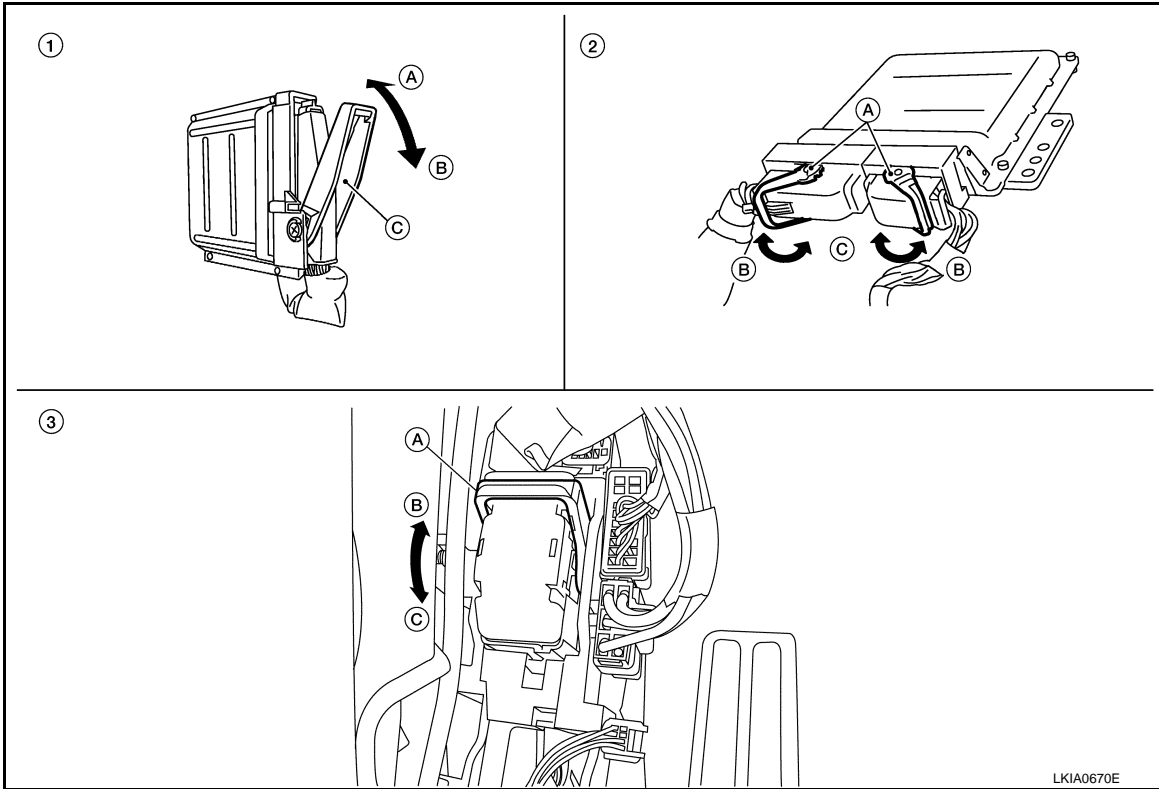
- Lever locking type harness connectors are used on certain control units and control modules such as ECM, ABS actuator and electric unit (control unit), etc.
- Lever locking type harness connectors are also used on super multiple junction (SMJ) connectors.
- Always confirm the lever is fully locked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



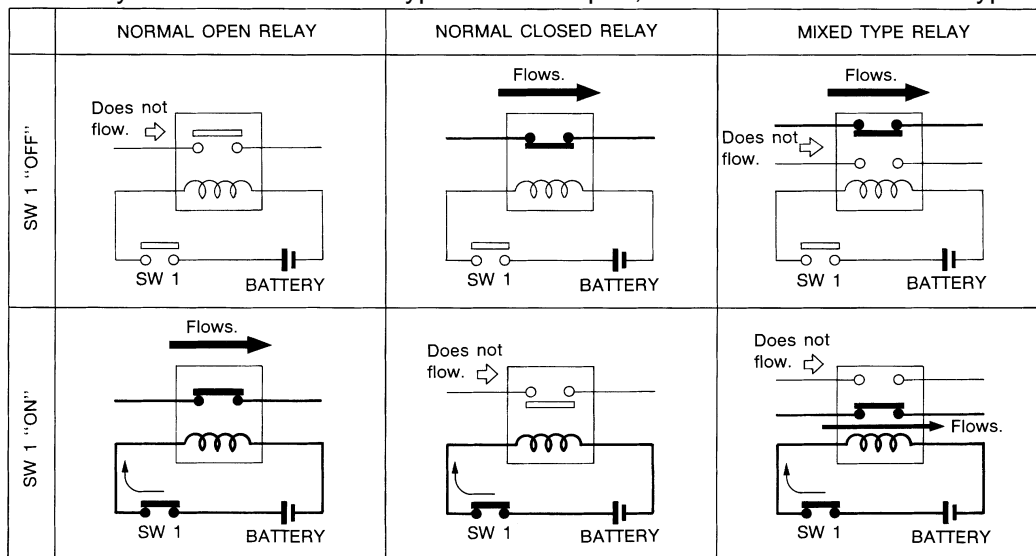
- | | | |
|--|--|---|
| <p>1. Control unit with single lever</p> <p>A. Fasten</p> <p>B. Loosen</p> <p>C. Lever</p> | <p>2. Control unit with dual levers</p> <p>A. Levers</p> <p>B. Fasten</p> <p>C. Loosen</p> | <p>3. SMJ connector</p> <p>A. Lever</p> <p>B. Fasten</p> <p>C. Loosen</p> |
|--|--|---|

Standardized Relay

INFOID:0000000011321040

NORMAL OPEN, NORMAL CLOSED AND MIXED TYPE RELAYS

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



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TYPE OF STANDARDIZED RELAYS

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COMPONENT PARTS

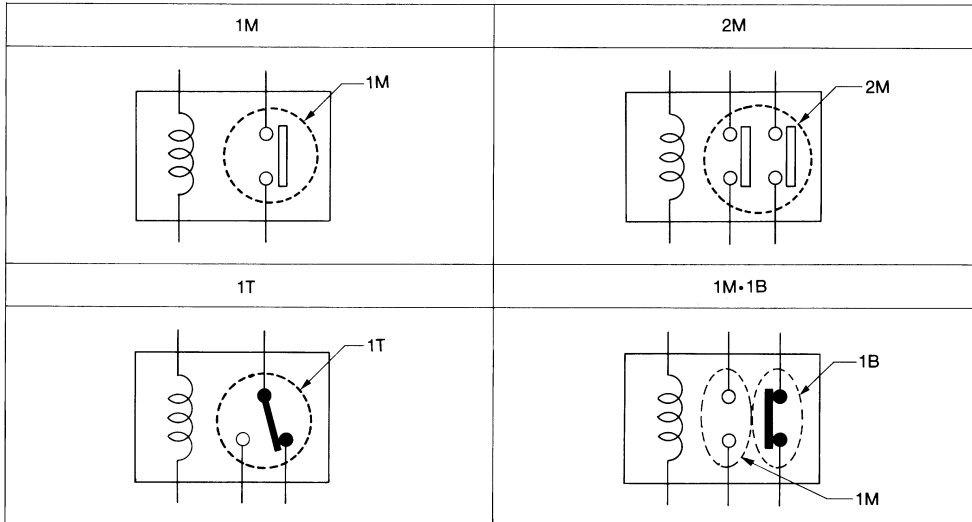
< SYSTEM DESCRIPTION >

1M 1 Make

2M 2 Make

1T 1 Transfer

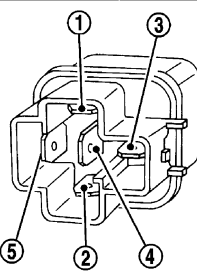
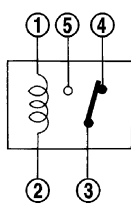
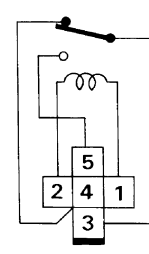
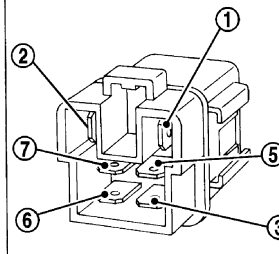
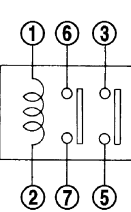
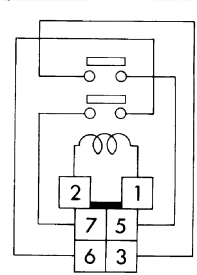
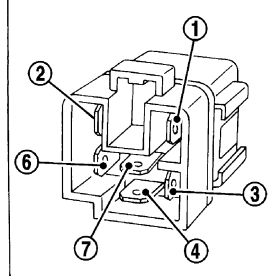
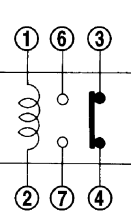
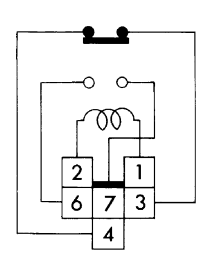
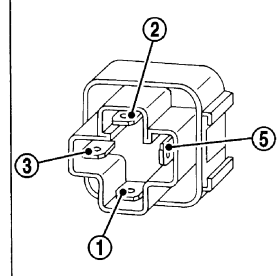
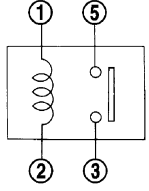
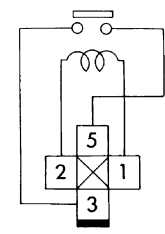
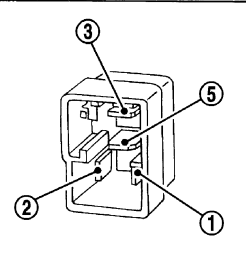
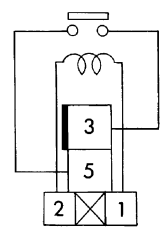
1M·1B 1 Make 1 Break



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COMPONENT PARTS

< SYSTEM DESCRIPTION >

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

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

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POWER SUPPLY ROUTING CIRCUIT

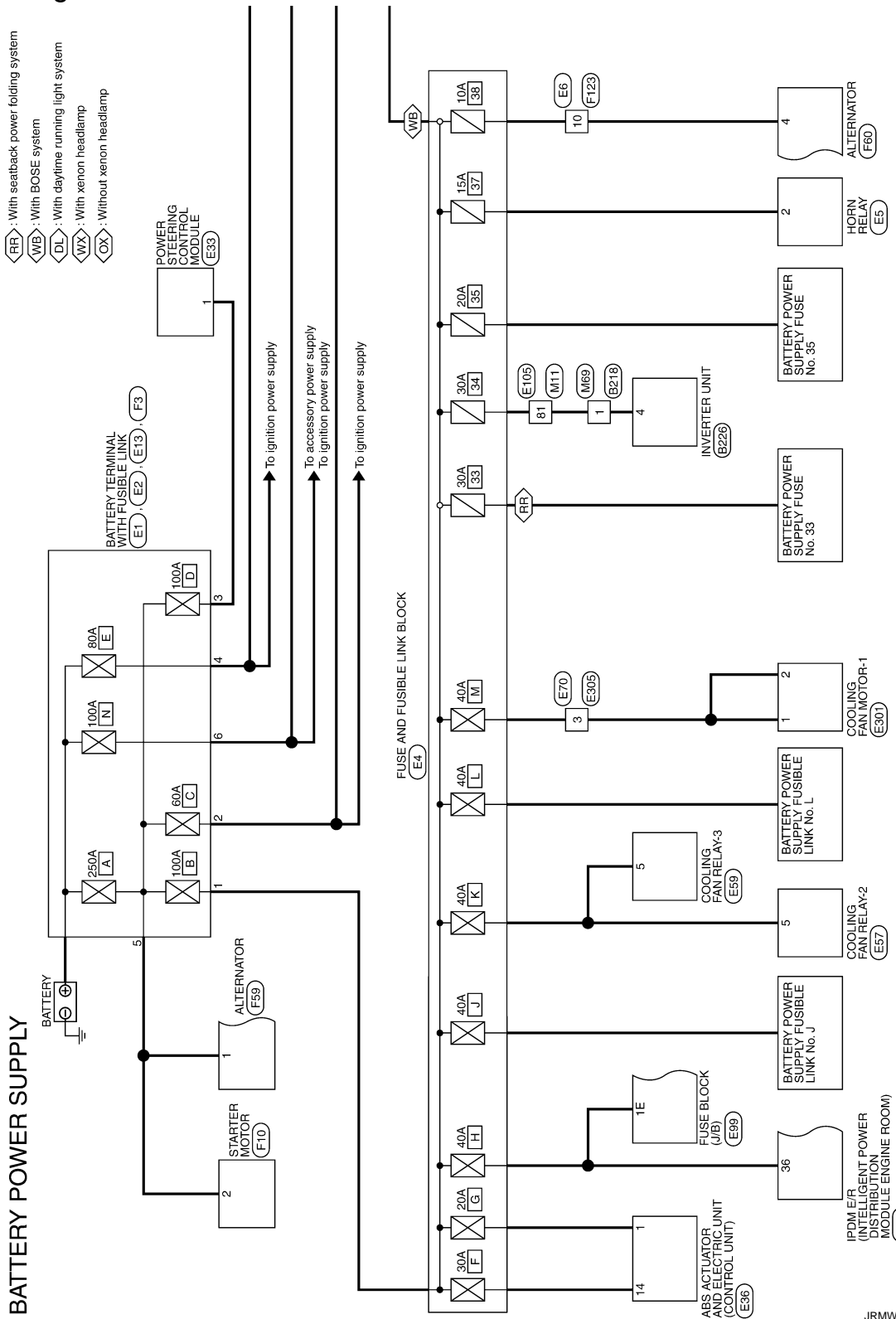
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WIRING DIAGRAM

POWER SUPPLY ROUTING CIRCUIT

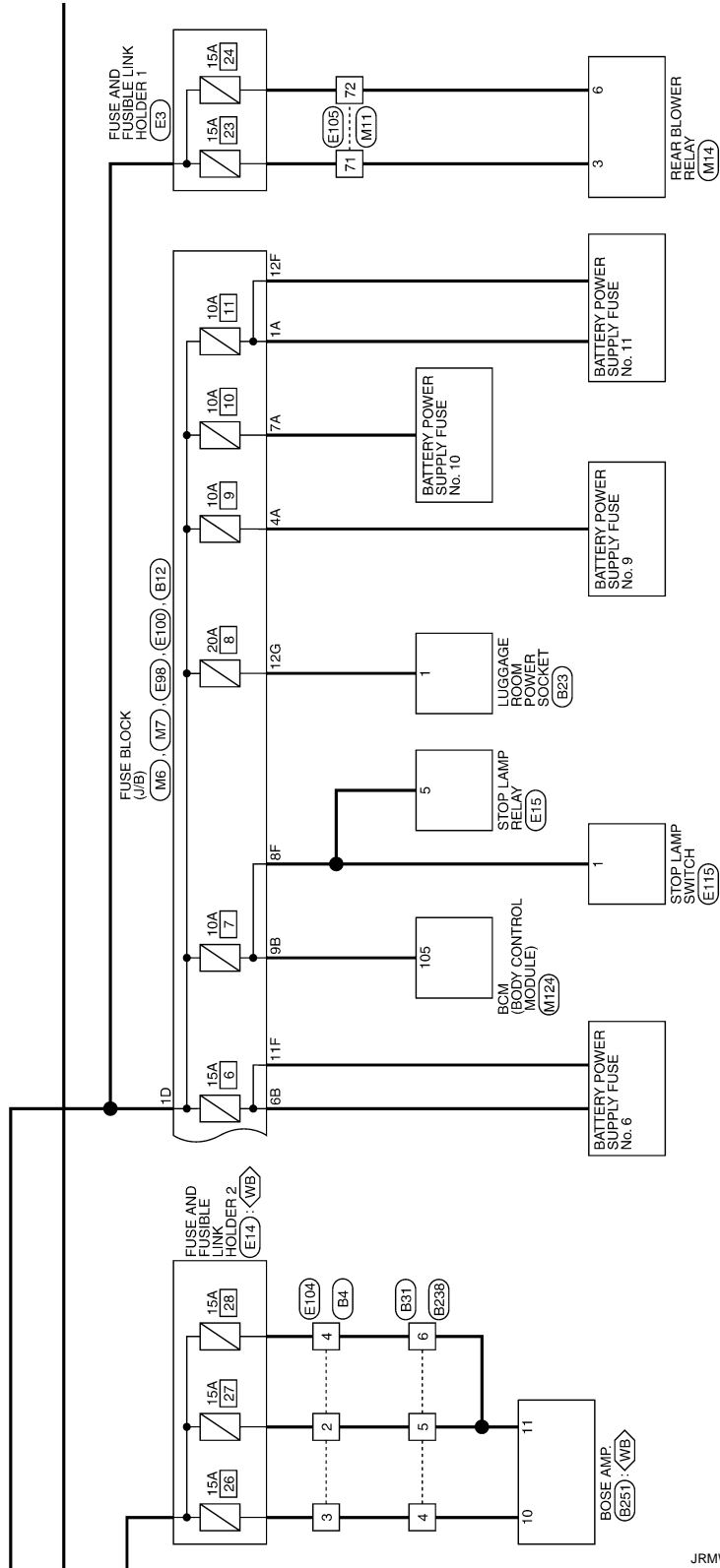
Wiring Diagram - BATTERY POWER SUPPLY -

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

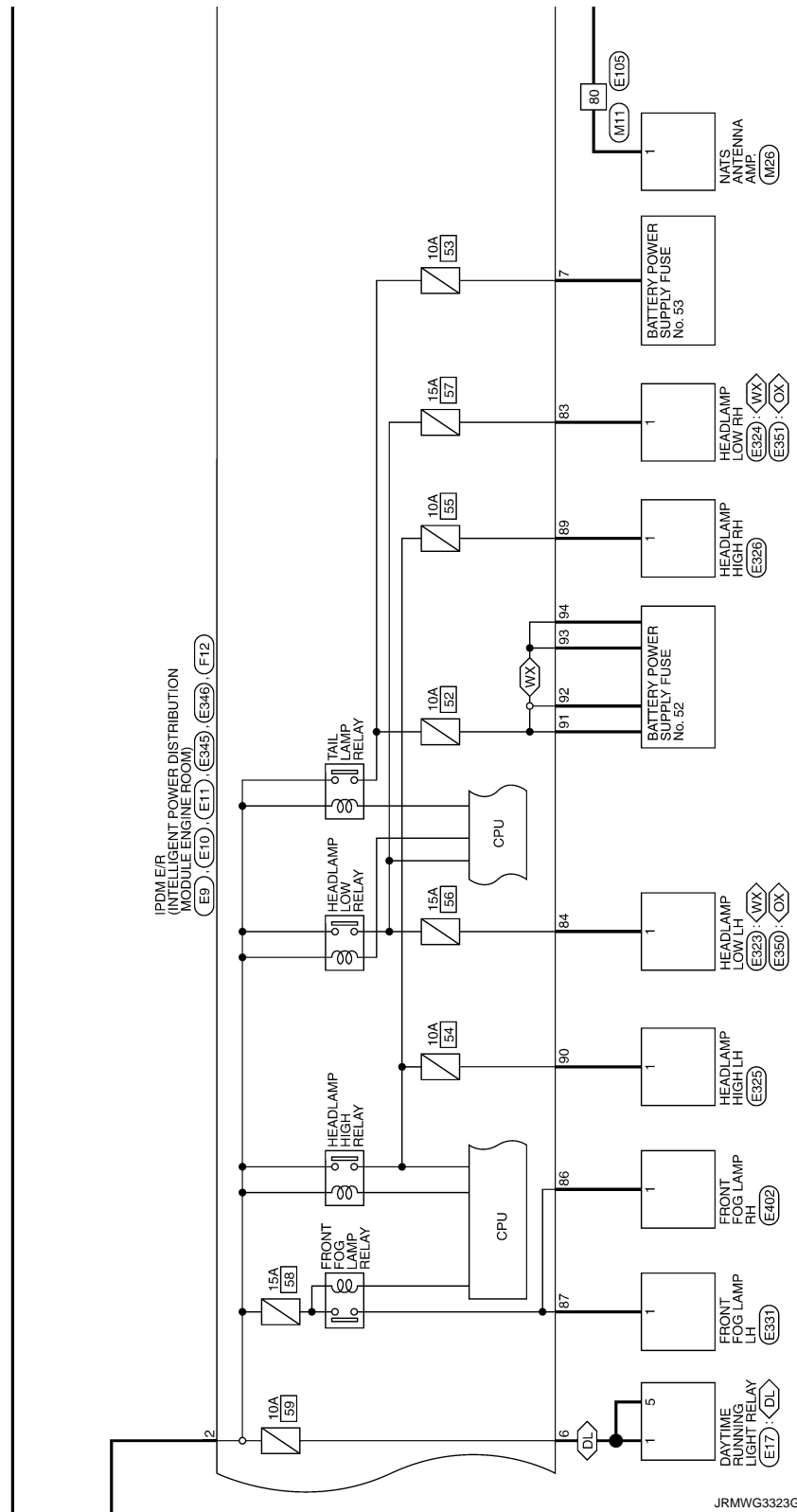


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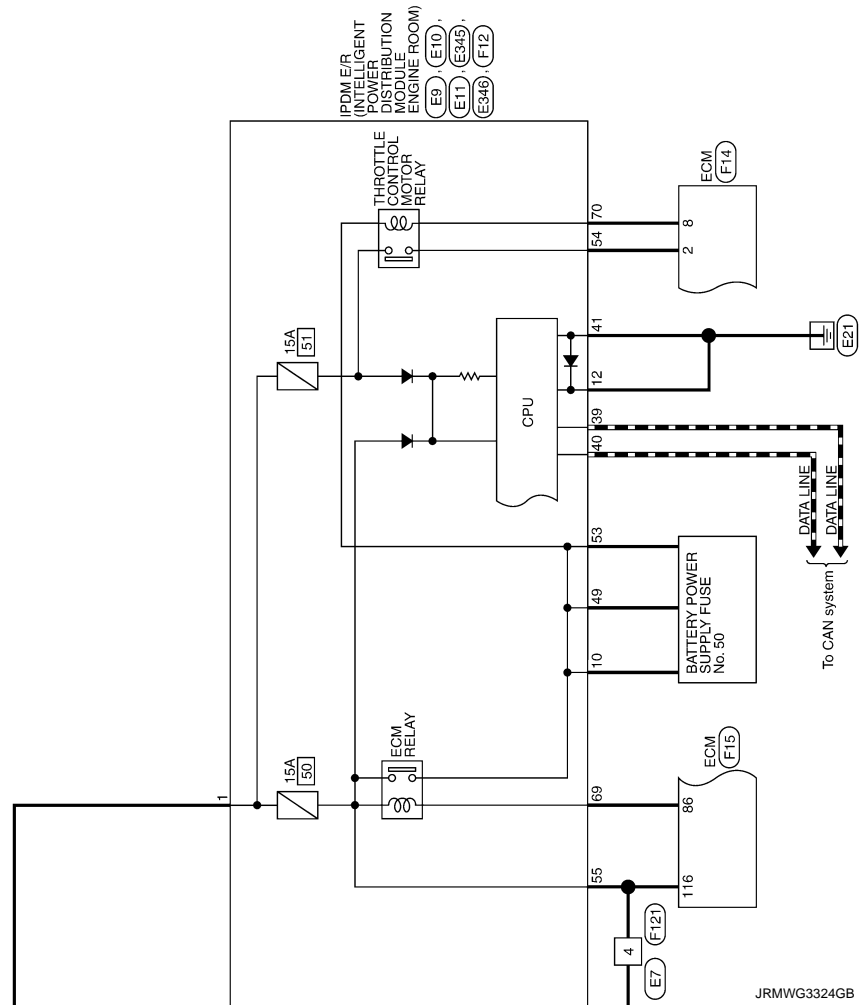
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



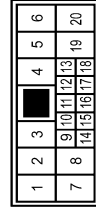
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

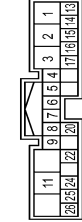
BATTERY POWER SUPPLY

| | |
|----------------|--------------|
| Connector No. | B4 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NH10MM-CSD |



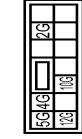
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | GR | -- |
| 2 | GR | -- |
| 3 | LG | -- |
| 4 | P | -- |
| 5 | L | -- |
| 6 | R | -- |
| 7 | W | -- |
| 8 | B | -- |
| 9 | SB | -- |
| 10 | L | -- |
| 11 | V | -- |
| 12 | LG | -- |
| 14 | LG | -- |
| 15 | V | -- |
| 16 | O | -- |
| 17 | O | -- |
| 18 | V | -- |
| 19 | G | -- |
| 20 | SB | -- |

| | |
|----------------|------------------------------------|
| Connector No. | B8 |
| Connector Name | AUTOMATIC BACK DOOR CONTROL MODULE |
| Connector Type | TU20FW-TB8 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | SB | +B |
| 2 | BR | LATCH MTR CLOSE |
| 3 | L | LATCH MTR OPEN |
| 4 | P | INSIDE CLOSE SW |
| 5 | W | BUZZER |
| 6 | B | MAN-FUNG-FLG |
| 7 | P | +B |
| 8 | B | GROUND |
| 9 | GR | +B |
| 11 | B | GROUND |
| 13 | W | TOUCH SENS RH |
| 14 | P | TOUCH SENS OND |
| 15 | GR | TOUCH SENS LH |
| 16 | L | DRIVER SW |
| 17 | G | DRIVER SW |
| 18 | B | CLOSE SW |
| 22 | W | HALF LATCH SW |
| 24 | P | OPEN SW |
| 25 | G | CAN-L |
| 26 | L | CAN-H |

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|----------------|------------------|
| Connector No. | B12 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | NS12FBR-CS |



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



| | |
|----------------|---------------------------|
| Connector No. | B23 |
| Connector Name | LUGGAGE ROOM POWER SOCKET |
| Connector Type | PD2FB-Z |



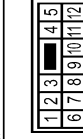
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | V | -- |
| 2 | B | -- |

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|----------------|--|
| Connector No. | B27 |
| Connector Name | AUTOMATIC SLIDING DOOR WARNING BUZZER LH |
| Connector Type | RK02FBR |



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

| | |
|----------------|--------------|
| Connector No. | B31 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS12MM-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2 | W | -- |
| 3 | R | -- |
| 4 | LG | -- |
| 5 | O | -- |
| 6 | P | -- |
| 7 | G | -- |
| 8 | R | -- |
| 9 | W | -- |
| 10 | B | -- |

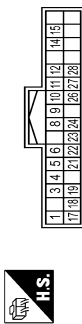
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|------------------------------|
| Connector No. | B45 |
| Connector Name | SLIDING DOOR CONTROL UNIT LH |
| Connector Type | TR32FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | MAIN SW |
| 2 | GR | REAR LOCK |
| 3 | GR | WASH SW |
| 4 | GR | HALF LATCH |
| 5 | V | IGN |
| 6 | P | BUZZER |
| 7 | W | CAN-L |
| 8 | P | CAN-H |
| 9 | P | ENCODER POWER |
| 10 | L | ELEC B |
| 11 | GR | ONETOUCH OPEN SW |
| 12 | GR | NEUTRAL SW |
| 13 | R | FUEL LID SW |
| 14 | GR | FULL SW |
| 15 | W | DRIVER SW |
| 16 | P | HANDLE |
| 17 | G | SW GND |
| 18 | B | TOUCH SENS |
| 19 | L | ENCODER GND |
| 20 | B | GD LOGIC |
| 21 | B | RR DOOR SW |
| 22 | GR | |
| 23 | GR | |
| 24 | GR | |
| 25 | GR | |
| 26 | GR | |
| 27 | GR | |
| 28 | GR | |

| | |
|----------------|------------------------------|
| Connector No. | B46 |
| Connector Name | SLIDING DOOR CONTROL UNIT LH |
| Connector Type | NS10FW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 33 | B | GND POWER |
| 34 | B | GND POWER |
| 35 | SB | GLC(SUBRELEASE) |
| 36 | SB | GLC(SUBRELEASE) |
| 37 | V | BAT |
| 38 | V | BAT |
| 39 | B | GND POWER |
| 40 | G | RELEASE ACTR(-) |
| 41 | Y | RELEASE ACTR(+) |
| 42 | V | BAT |

| | |
|----------------|-----------------------|
| Connector No. | B49 |
| Connector Name | SATELLITE RADIO TUNER |
| Connector Type | A10FW |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-------------------------------------|
| 1 | B | SATELLITE RADIO SOUND SIGNAL LH (-) |
| 2 | W | SATELLITE RADIO SOUND SIGNAL LH (+) |
| 3 | R | SATELLITE RADIO SOUND SIGNAL RH (-) |
| 4 | G | SATELLITE RADIO SOUND SIGNAL RH (+) |
| 5 | SHIELD | SHIELD |
| 6 | SHIELD | SHIELD |
| 7 | SHIELD | SHIELD |
| 8 | W | REQUEST (SAT->CONT) |
| 9 | B | COMM (SAT->CONT) |
| 10 | R | COMM (CONT->SAT) |
| 11 | G | BATTERY |
| 12 | B | GROUND |
| 13 | B | GROUND |
| 14 | B | ACC |
| 15 | P | ACC |
| 16 | P | ACC |

| | |
|----------------|----------------------------------|
| Connector No. | B56 |
| Connector Name | EVAP CANISTER VENT CONTROL VALVE |
| Connector Type | EQ2FB-RS |



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

| | |
|----------------|--------------------------|
| Connector No. | B80 |
| Connector Name | REAR COMBINATION LAMP LH |
| Connector Type | RS24FGY-PR |



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

| | |
|----------------|--|
| Connector No. | B203 |
| Connector Name | AUTOMATIC SLIDING DOOR WARNING BUZZER RH |
| Connector Type | RK02ER |



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

| | |
|----------------|--------------------------|
| Connector No. | B205 |
| Connector Name | REAR COMBINATION LAMP RH |
| Connector Type | RS24FGY-PR |



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

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| Connector No. | B218 |
| Connector Name | WIRE TO WIRE |
| Connector Type | M02MM-GY-LC |

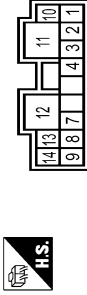


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| Connector No. | B238 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS12FW-CS |



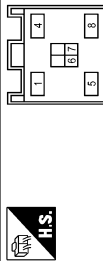
| | | |
|----|----|-------------|
| 15 | B | NEUTRAL SW |
| 18 | W | FULL SW |
| 19 | G | DRIVER SW |
| 21 | P | B-SIGN |
| 22 | W | HANDLE |
| 23 | B | SW GND |
| 24 | G | TOUCH SENS |
| 26 | GR | ENCODER GND |
| 27 | GR | GD LOGIC |
| 28 | GR | RR DOOR SW |

| | |
|----------------|---------------|
| Connector No. | B251 |
| Connector Name | BOSE AMP. |
| Connector Type | SGA12FRB-SA42 |



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

| | |
|----------------|---------------|
| Connector No. | B226 |
| Connector Name | INVERTER UNIT |
| Connector Type | A4F04FB-AHC4 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | W | |
| 2 | W | |
| 4 | SB | |
| 5 | G | |
| 6 | G | |
| 7 | G | |
| 8 | R | |
| 9 | W | |
| 10 | B | |

| | |
|----------------|------------------------------|
| Connector No. | B247 |
| Connector Name | SLIDING DOOR CONTROL UNIT RH |
| Connector Type | TH32FW-NH |



| | |
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| Connector No. | B248 |
| Connector Name | SLIDING DOOR CONTROL UNIT RH |
| Connector Type | NS10FW-CS |



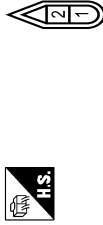
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 33 | B/R | GND POWER |
| 34 | R | CLOSURE (CLOSE) |
| 35 | Y | CLOSURE (OPEN) |
| 37 | B/R | GND POWER |
| 38 | L | RELEASE ACT(R-) |
| 40 | O | RELEASE ACT(R+) |
| 42 | Y | BAT |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | P | AC 120 V OUTPUT |
| 4 | W | BAT |
| 5 | R | AC 120 V OUTPUT |
| 6 | P | MAIN SW SIGNAL |
| 7 | G | MAIN SW INDICATOR |
| 8 | B | GROUND |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | R | MAIN SW |
| 3 | P | ROCK LOCK |
| 4 | R | A-SIGN |
| 6 | G | MAPLE TOUCH |
| 8 | L | BUZZER |
| 9 | B | CANCEL |
| 10 | W | CAN-H |
| 11 | G | ENCODER POWER |
| 12 | Y | ELEC B |
| 14 | GR | ONETOUCH OPEN SW |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 1 | B | SOUND SIGNAL FRONT SPEAKER LH (+) |
| 2 | B | SOUND SIGNAL FRONT SPEAKER LH (-) |
| 3 | Y | SOUND SIGNAL FRONT SPEAKER RH (+) |
| 4 | BR | SOUND SIGNAL LUGGAGE SPEAKER RH (+) |
| 7 | B | GROUND |
| 8 | G | SOUND SIGNAL WOOFER (-) |
| 9 | B | SOUND SIGNAL SLIDE DOOR SPEAKER RH (-) |
| 10 | SB | BATTERY |
| 11 | G | GROUND |
| 12 | B | GROUND |
| 13 | R | SOUND SIGNAL SLIDE DOOR SPEAKER RH (+) |
| 14 | W | SOUND SIGNAL SLIDE DOOR SPEAKER RH (+) |

| | |
|----------------|------------------------------------|
| Connector No. | B305 |
| Connector Name | AUTOMATIC BACK DOOR WARNING BUZZER |
| Connector Type | RK02FER |



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

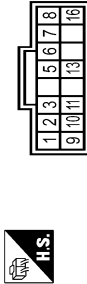
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

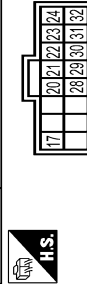
BATTERY POWER SUPPLY

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| Connector No. | B487 |
| Connector Name | SEATBACK POWER RETURN CONTROL UNIT |
| Connector Type | SUMITOMO.6088-3453 |



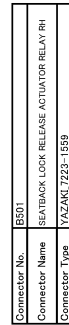
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | B/W | MOTOR SENS GND RH |
| 2 | Y/R | MOTOR SENS SWRH RH |
| 3 | R/B | MTR LH+ |
| 4 | L/W | MTR RH+ |
| 5 | B/W | MOTOR SENS GND LH |
| 6 | B/Y | MOTOR SENS SWRH LH |
| 7 | L/W | MTR LH+ |
| 8 | L/W | MTR RH+ |
| 9 | B/Y | MOTOR SENS GND LH |
| 10 | G | MOTOR SENS SWRH LH |
| 11 | Y | MOTOR SENS PWR LH |
| 12 | B | GND POWER |
| 13 | B | BATT POWER |
| 14 | R | |
| 15 | L | |
| 16 | R | |

| | |
|----------------|------------------------------------|
| Connector No. | B488 |
| Connector Name | SEATBACK POWER RETURN CONTROL UNIT |
| Connector Type | YAZAKI.7283-4261 |



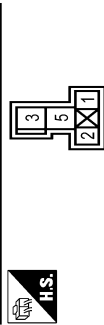
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 17 | R | BAT. SCS |
| 18 | G | RH SW |
| 19 | W | PRIMAL SW LH |
| 20 | W/R | PRIMAL SW RH |
| 21 | BR/W | RH SW GND |
| 22 | LG | SPEED BPR |
| 23 | LC/Y | LH SW |
| 24 | L | RETURN SW LH |

| | | |
|----|-----|--------------|
| 30 | L/W | RETURN SW RH |
| 31 | BR | LH SW GND |
| 32 | B | GND SIG |



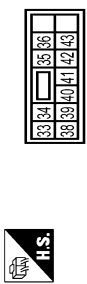
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| Connector No. | B501 |
| Connector Name | SEATBACK LOCK RELEASE ACTUATOR RELAY RH |
| Connector Type | YAZAKI.7223-1559 |

| | |
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| Connector No. | B503 |
| Connector Name | SEATBACK LOCK RELEASE ACTUATOR RELAY LH |
| Connector Type | YAZAKI.7223-1559 |



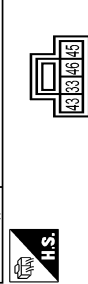
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | R | |
| 2 | V | |
| 3 | R | |
| 4 | R | |
| 5 | R | |

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|----------------|--------------------------|
| Connector No. | B551 |
| Connector Name | DRIVER SEAT CONTROL UNIT |
| Connector Type | NSI2PW-CS |



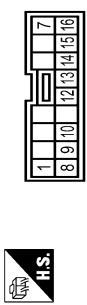
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-------------------------------|
| 33 | R | BAT |
| 34 | G | SLIDE MOTOR (BACKWARD) |
| 35 | G | SLIDE MOTOR (FORWARD) |
| 36 | L | RECLINER MOTOR (FORWARD) |
| 37 | L | RECLINER MOTOR (DOWNWARD) |
| 38 | GR | FRONT LIFTER MOTOR (UPWARD) |
| 39 | Y | FRONT LIFTER MOTOR (DOWNWARD) |
| 40 | W | REAR LIFTER MOTOR (UPWARD) |
| 41 | V | REAR LIFTER MOTOR (DOWNWARD) |
| 42 | P/E | GROUND |
| 43 | LG | |
| 44 | L | |
| 45 | L | |

| | |
|----------------|-----------------------|
| Connector No. | B557 |
| Connector Name | LUMBAR SUPPORT SWITCH |
| Connector Type | NSI4PW-CS |



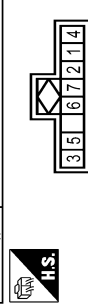
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 33 | R | |
| 43 | LG | |
| 44 | LG | |
| 45 | BR | |
| 46 | BR | |

| | |
|----------------|-----------------------------------|
| Connector No. | D8 |
| Connector Name | DOOR MIRROR REMOTE CONTROL SWITCH |
| Connector Type | TK16PW |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | GR | |
| 2 | GR | |
| 3 | GR | |
| 4 | GR | |
| 5 | R | |
| 6 | R | |
| 7 | G | |
| 8 | G | |
| 9 | W | |
| 10 | W | |
| 11 | O | |
| 12 | O | |
| 13 | GR | |
| 14 | GR | |
| 15 | R | |
| 16 | P | |

| | |
|----------------|--------------------|
| Connector No. | D13 |
| Connector Name | SEAT MEMORY SWITCH |
| Connector Type | X88PW |

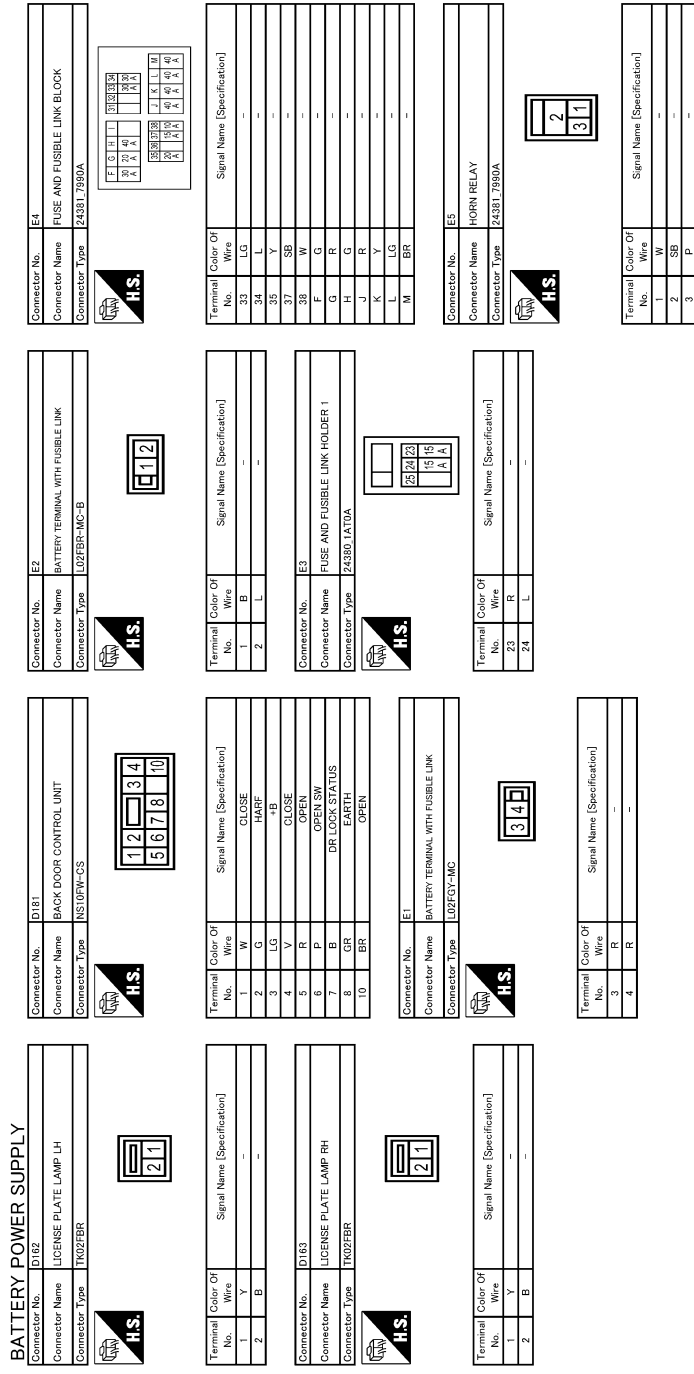


| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | GR | |
| 2 | P | |
| 3 | P | |
| 4 | P | |
| 5 | R | |
| 6 | G | |
| 7 | W | |

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

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| Connector No. | E6 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TK1BAGY-1V |



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

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 2 | G | - |
| 3 | Y | - |
| 4 | V | - |
| 5 | GR | - |
| 6 | V | - |
| 7 | G | - |
| 8 | P | - |
| 9 | R | - |
| 10 | W | - |
| 11 | G | - |
| 12 | BR | - |
| 13 | SB | - |
| 14 | B | - |
| 15 | W | - |
| 16 | R | - |

| | |
|----------------|--------------|
| Connector No. | E7 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS10MMV-CS |



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

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

| | | |
|----|---|---|
| 6 | B | - |
| 7 | B | - |
| 8 | B | - |
| 10 | B | - |

| | |
|----------------|---|
| Connector No. | E9 |
| Connector Name | IPM L/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM |
| Connector Type | LD2FB-MC |



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

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

| | |
|----------------|---|
| Connector No. | E10 |
| Connector Name | IPM L/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM |
| Connector Type | TH2DFW-CS12-MA-1V |



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

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 4 | LG | - |
| 5 | Y | - |
| 6 | G | - |
| 7 | BR | - |
| 9 | B | - |
| 12 | B | - |
| 13 | G | - |
| 15 | L | - |
| 16 | R | - |
| 18 | P | - |
| 19 | V | - |
| 20 | W | - |

| | | |
|----|----|---|
| 21 | O | - |
| 22 | GR | - |
| 23 | GR | - |
| 24 | G | - |
| 25 | GR | - |
| 27 | BR | - |
| 28 | G | - |
| 30 | LG | - |
| 34 | O | - |
| 35 | P | - |
| 38 | G | - |
| 39 | GR | - |

| | |
|----------------|---|
| Connector No. | E11 |
| Connector Name | IPM L/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM |
| Connector Type | TH8DFW-NH |



| | | | |
|----|----|----|----|
| 42 | 44 | 40 | 39 |
| 46 | 45 | 44 | 43 |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 38 | P | - |
| 41 | B | - |
| 42 | SB | - |
| 43 | LG | - |
| 44 | W | - |
| 45 | Y | - |
| 46 | O | - |

| | |
|----------------|------------------------------------|
| Connector No. | E13 |
| Connector Name | BATTERY TERMINAL WITH FUSE/LE LINK |
| Connector Type | LD1FB-MC |



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

| | |
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| Connector No. | E14 |
| Connector Name | FUSE AND FUSE/LE LINK HOLDER 2 |
| Connector Type | Z4330-TAT0A |



| | | |
|----|----|----|
| 28 | 27 | 28 |
| 15 | 15 | 15 |
| A | A | A |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 26 | BR | - |
| 27 | GR | - |
| 28 | GR | - |

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

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| Connector No. | E15 |
| Connector Name | STOP LAMP RELAY |
| Connector Type | MS02F-M2-LC |



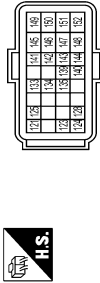
| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------|-----------------------------|
| 1 | B | G | VALVE BATTERY |
| 2 | B | R | RR LH WHEEL SENSOR SIGNAL |
| 3 | B | L | RR RH WHEEL SENSOR SIGNAL |
| 4 | B | P | STOP BATTERY |
| 5 | B | P | STOP BATTERY |

| | |
|----------------|-----------------------------|
| Connector No. | E17 |
| Connector Name | DAYTIME RUNNING LIGHT RELAY |
| Connector Type | MS03FE-M2-LC |



| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------|-----------------------------|
| 1 | G | - | VALVE BATTERY |
| 2 | BR | - | RR LH WHEEL SENSOR SIGNAL |
| 3 | LG | - | RR RH WHEEL SENSOR SIGNAL |
| 4 | B/W | - | STOP BATTERY |
| 5 | G | - | STOP BATTERY |

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



| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------|-------------------------------------|
| 127 | G | R | EVMS CONTROL SYSTEM PRESSURE SENSOR |
| 128 | R | L | CAN COMMUNICATION LINE (CAN-L) |
| 129 | L | L | CAN COMMUNICATION LINE (CAN-H) |
| 130 | W | - | SENSOR POWER SUPPLY |
| 131 | Y | - | FUEL TANK TEMPERATURE SENSOR |
| 132 | BR | - | IGNITION SWITCH |
| 133 | Y | - | ASC2 STEERING SWITCH |
| 134 | BR | - | SENSOR GROUND |
| 135 | SB | - | STOP LAMP SWITCH |
| 136 | BR | - | BRAKE PEDAL POSITION SWITCH |
| 137 | V | - | EVAP CANISTER VENT CONTROL VALVE |
| 138 | GR | - | SENSOR POWER SUPPLY |
| 139 | O | - | ACCELERATOR PEDAL POSITION SENSOR Z |
| 140 | G | - | SENSOR GROUND |
| 141 | L | - | ECM GROUND |
| 142 | P | - | SENSOR POWER SUPPLY |
| 143 | B | - | ECM GROUND |
| 144 | V | - | SENSOR GROUND |
| 145 | B | - | ECM GROUND |
| 146 | W | - | ACCELERATOR PEDAL POSITION SENSOR I |
| 147 | B | - | SENSOR GROUND |
| 148 | B | - | ECM GROUND |
| 149 | W | - | ACCELERATOR PEDAL POSITION SENSOR I |
| 150 | W | - | SENSOR GROUND |
| 151 | B | - | ECM GROUND |
| 152 | B | - | ECM GROUND |

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| Connector No. | E26 |
| Connector Name | INTELLIGENT KEY WARNING BUZZER |
| Connector Type | RK03FBR |



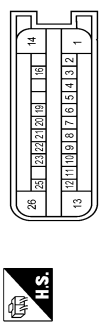
| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------|-----------------------------|
| 1 | GR | - | - |
| 3 | GR | - | - |

| | |
|----------------|-------------------------------|
| Connector No. | E33 |
| Connector Name | POWER STEERING CONTROL MODULE |
| Connector Type | renault.8200500194(BLACK) |



| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------|-----------------------------|
| 1 | R | BAT | BATTERY |
| 2 | B | GR | GROUND |

| | |
|----------------|---|
| Connector No. | E38 |
| Connector Name | ABS ACTUATOR AND ELECTRIC PART (CONTROL UNIT) |
| Connector Type | AZ22FB-AI24-LH |



| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------|---------------------------------|
| 1 | R | Y | VALVE BATTERY |
| 2 | R | Y | VALVE BATTERY |
| 3 | L | R | RR LH WHEEL SENSOR SIGNAL |
| 4 | L | R | RR RH WHEEL SENSOR SIGNAL |
| 5 | G | G | G SENSOR POWER SUPPLY |
| 6 | B | W | FR RH WHEEL SENSOR POWER SUPPLY |
| 7 | V | V | FR RH WHEEL SENSOR SIGNAL |
| 8 | L | V | BRAKE FLUID LEVEL SWITCH SIGNAL |
| 9 | L | L | FR LH WHEEL SENSOR SIGNAL |
| 10 | B | L | FR LH WHEEL SENSOR POWER SUPPLY |
| 11 | V | B | G SENSOR END |
| 12 | P | P | RR RH WHEEL SENSOR POWER SUPPLY |
| 13 | B | P | RR RH WHEEL SENSOR SIGNAL |
| 14 | G | G | GROUND |
| 15 | B | G | VALVE BATTERY |
| 16 | SP | SP | STOP BATTERY |
| 17 | GR | GR | STOP BATTERY |
| 18 | GR | GR | G SENSOR SIGNAL (?) |
| 19 | GR | GR | IBAN |
| 20 | GR | GR | IBAN |
| 21 | P | P | CAN-L |
| 22 | BR | BR | VDD OFF SWITCH SIGNAL |
| 23 | L | L | CAN-H |
| 24 | L | L | CAN-H |
| 25 | O | O | G SENSOR SIGNAL (-) |
| 26 | B | B | GROUND |

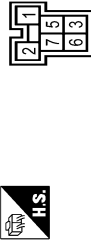
JRMWG3331GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|---------------------|
| Connector No. | E57 |
| Connector Name | COOLING FAN RELAY-2 |
| Connector Type | M06FBR-R-LC |



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

| | |
|----------------|---------------------|
| Connector No. | E59 |
| Connector Name | COOLING FAN RELAY-3 |
| Connector Type | M06FBR-R-LC |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | O | - |
| 2 | L | - |
| 3 | GR | - |
| 4 | Y | - |
| 5 | B/W | - |
| 6 | B/W | - |
| 7 | P | - |

| | |
|----------------|--------------|
| Connector No. | E70 |
| Connector Name | WIRE TO WIRE |
| Connector Type | M05AW-LC |



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

| | |
|----------------|------------------|
| Connector No. | E88 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | L01FW-MC |



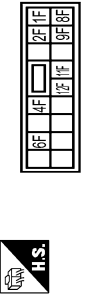
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1D | W | - |

| | |
|----------------|------------------|
| Connector No. | E89 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | M02EP-LC |



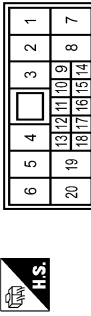
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1E | G | - |

| | |
|----------------|------------------|
| Connector No. | E100 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | NS16FW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 11F | G | - |
| 12F | V | - |
| 13F | SB | - |
| 14F | R | - |
| 15F | L | - |
| 16F | LG | - |
| 17F | P | - |
| 18F | BR | - |

| | |
|----------------|--------------|
| Connector No. | E104 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NH10FW-CSI0 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | GR | - |
| 2 | GR | - |
| 3 | BR | - |
| 4 | BR | - |
| 5 | R | - |
| 6 | LG | - |
| 7 | G | - |
| 8 | R | - |
| 9 | Y | - |
| 10 | L | - |
| 11 | P | - |
| 12 | V | - |
| 13 | V | - |
| 14 | LG | - |
| 15 | V | - |
| 16 | W | - |
| 17 | W | - |
| 18 | GR | - |
| 19 | SB | - |
| 20 | V | - |

| | |
|----------------|----------------|
| Connector No. | E105 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH10MW-CSI0-M3 |

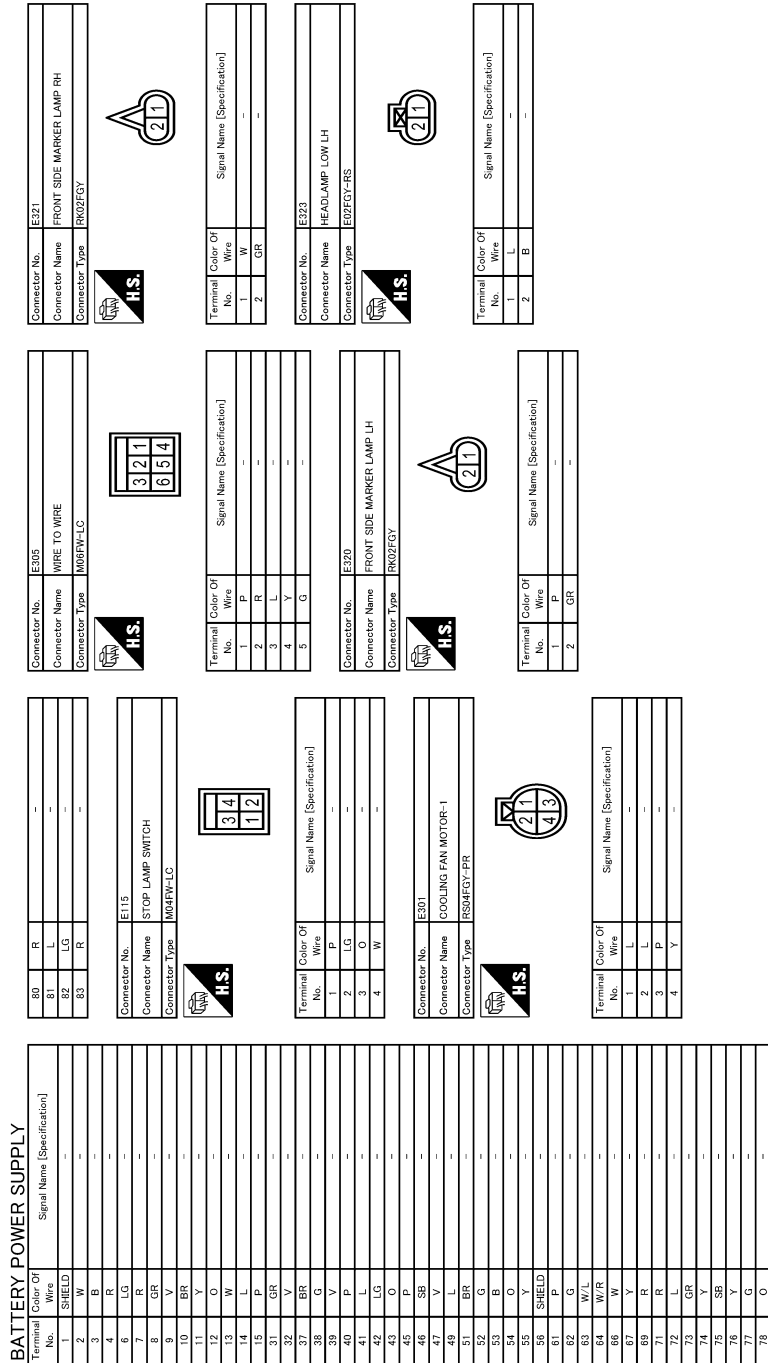


JRMWG3332GB

A
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PG
N
O
P

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >
















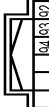


JRMWG3333GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|----------------|--|----------------|-----------|---|--------------|---------------|-----------------------------|----|---|---|----|----|---|--|---------------|-------------------------------|---|------------------|----------------|----------------|--|----------------|---------------|---|--------------|---------------|-----------------------------|---|---|---------------|---|----------------|--|---|--------------|--|--|---------------|-----------------------------|-----------------------------|----|----|----|----|---|----|----|---|----|----|---|----|----|---|-----|-----|---|-----|-----|---|-----|-----|---|-----|-----|----|-----|-----|----|-----|-----|---|---|
| <table border="1"> <tr><td>Connector No.</td><td>E324</td></tr> <tr><td>Connector Name</td><td>HEADLAMP LOW RH</td></tr> <tr><td>Connector Type</td><td>E02FGY-RS</td></tr> </table>   | Connector No. | E324 | Connector Name | HEADLAMP LOW RH | Connector Type | E02FGY-RS | <table border="1"> <tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>R</td><td>-</td></tr> <tr><td>2</td><td>B</td><td>-</td></tr> </table> | Terminal No. | Color Of Wire | Signal Name [Specification] | 1 | R | - | 2 | B | - | <table border="1"> <tr><td>Connector No.</td><td>E325</td></tr> <tr><td>Connector Name</td><td>HEADLAMP HIGH LH</td></tr> <tr><td>Connector Type</td><td>NU02FE</td></tr> </table>   | Connector No. | E325 | Connector Name | HEADLAMP HIGH LH | Connector Type | NU02FE | <table border="1"> <tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>R</td><td>-</td></tr> <tr><td>2</td><td>B</td><td>-</td></tr> </table> | Terminal No. | Color Of Wire | Signal Name [Specification] | 1 | R | - | 2 | B | - | <table border="1"> <tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>LG</td><td>-</td></tr> <tr><td>2</td><td>B</td><td>-</td></tr> </table> | Terminal No. | Color Of Wire | Signal Name [Specification] | 1 | LG | - | 2 | B | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector No. | E324 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Name | HEADLAMP LOW RH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Type | E02FGY-RS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | Color Of Wire | Signal Name [Specification] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | R | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | B | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector No. | E325 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Name | HEADLAMP HIGH LH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Type | NU02FE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | Color Of Wire | Signal Name [Specification] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | R | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | B | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | Color Of Wire | Signal Name [Specification] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | LG | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | B | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>Connector No.</td><td>E326</td></tr> <tr><td>Connector Name</td><td>HEADLAMP HIGH RH</td></tr> <tr><td>Connector Type</td><td>NU02FE</td></tr> </table>   | Connector No. | E326 | Connector Name | HEADLAMP HIGH RH | Connector Type | NU02FE | <table border="1"> <tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>V</td><td>-</td></tr> <tr><td>2</td><td>GR</td><td>- [Without daytime light system] - [With daytime light system]</td></tr> <tr><td>3</td><td>L</td><td>- [With daytime light system]</td></tr> </table> | Terminal No. | Color Of Wire | Signal Name [Specification] | 1 | V | - | 2 | GR | - [Without daytime light system] - [With daytime light system] | 3 | L | - [With daytime light system] | <table border="1"> <tr><td>Connector No.</td><td>E331</td></tr> <tr><td>Connector Name</td><td>FRONT FOG LAMP LH</td></tr> <tr><td>Connector Type</td><td>FH202FE</td></tr> </table>   | Connector No. | E331 | Connector Name | FRONT FOG LAMP LH | Connector Type | FH202FE | <table border="1"> <tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>G</td><td>-</td></tr> <tr><td>2</td><td>GR</td><td>-</td></tr> </table> | Terminal No. | Color Of Wire | Signal Name [Specification] | 1 | G | - | 2 | GR | - | <table border="1"> <tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>P</td><td>-</td></tr> <tr><td>2</td><td>GR</td><td>-</td></tr> <tr><td>3</td><td>W</td><td>-</td></tr> </table> | Terminal No. | Color Of Wire | Signal Name [Specification] | 1 | P | - | 2 | GR | - | 3 | W | - | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector No. | E326 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Name | HEADLAMP HIGH RH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Type | NU02FE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | Color Of Wire | Signal Name [Specification] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | V | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | GR | - [Without daytime light system] - [With daytime light system] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | L | - [With daytime light system] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector No. | E331 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Name | FRONT FOG LAMP LH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Type | FH202FE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | Color Of Wire | Signal Name [Specification] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | G | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | GR | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | Color Of Wire | Signal Name [Specification] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | P | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | GR | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | W | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>Connector No.</td><td>E335</td></tr> <tr><td>Connector Name</td><td>HEADLAMP AMMING MOTOR LH</td></tr> <tr><td>Connector Type</td><td>HS03FGY</td></tr> </table>   | Connector No. | E335 | Connector Name | HEADLAMP AMMING MOTOR LH | Connector Type | HS03FGY | <table border="1"> <tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>P</td><td>-</td></tr> <tr><td>2</td><td>GR</td><td>-</td></tr> <tr><td>3</td><td>W</td><td>-</td></tr> </table> | Terminal No. | Color Of Wire | Signal Name [Specification] | 1 | P | - | 2 | GR | - | 3 | W | - | <table border="1"> <tr><td>Connector No.</td><td>E336</td></tr> <tr><td>Connector Name</td><td>HEADLAMP AMMING MOTOR RH</td></tr> <tr><td>Connector Type</td><td>HS03FGY</td></tr> </table>   | Connector No. | E336 | Connector Name | HEADLAMP AMMING MOTOR RH | Connector Type | HS03FGY | <table border="1"> <tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>1</td><td>P</td><td>-</td></tr> <tr><td>2</td><td>GR</td><td>-</td></tr> <tr><td>3</td><td>W</td><td>-</td></tr> </table> | Terminal No. | Color Of Wire | Signal Name [Specification] | 1 | P | - | 2 | GR | - | 3 | W | - | <table border="1"> <tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>91</td><td>LG</td><td>-</td></tr> <tr><td>92</td><td>P</td><td>-</td></tr> <tr><td>93</td><td>W</td><td>-</td></tr> <tr><td>94</td><td>O</td><td>-</td></tr> <tr><td>99</td><td>Y</td><td>-</td></tr> <tr><td>100</td><td>V</td><td>-</td></tr> <tr><td>101</td><td>Y</td><td>-</td></tr> <tr><td>102</td><td>G</td><td>-</td></tr> <tr><td>103</td><td>BR</td><td>-</td></tr> <tr><td>104</td><td>LG</td><td>-</td></tr> <tr><td>105</td><td>R</td><td>-</td></tr> </table> | Terminal No. | Color Of Wire | Signal Name [Specification] | 91 | LG | - | 92 | P | - | 93 | W | - | 94 | O | - | 99 | Y | - | 100 | V | - | 101 | Y | - | 102 | G | - | 103 | BR | - | 104 | LG | - | 105 | R | - |
| Connector No. | E335 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Name | HEADLAMP AMMING MOTOR LH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Type | HS03FGY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | Color Of Wire | Signal Name [Specification] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | P | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | GR | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | W | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector No. | E336 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Name | HEADLAMP AMMING MOTOR RH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Type | HS03FGY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | Color Of Wire | Signal Name [Specification] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | P | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | GR | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | W | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | Color Of Wire | Signal Name [Specification] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | LG | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | P | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | W | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | O | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | Y | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | V | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 101 | Y | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 102 | G | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 103 | BR | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 104 | LG | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 105 | R | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>Connector No.</td><td>E345</td></tr> <tr><td>Connector Name</td><td>FROM E/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM</td></tr> <tr><td>Connector Type</td><td>NS08FW-CS</td></tr> </table>   | Connector No. | E345 | Connector Name | FROM E/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM | Connector Type | NS08FW-CS | <table border="1"> <tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>83</td><td>R</td><td>-</td></tr> <tr><td>84</td><td>R</td><td>-</td></tr> <tr><td>86</td><td>SB</td><td>-</td></tr> <tr><td>87</td><td>Y</td><td>-</td></tr> <tr><td>88</td><td>BR</td><td>-</td></tr> <tr><td>89</td><td>V</td><td>-</td></tr> <tr><td>90</td><td>G</td><td>-</td></tr> </table> | Terminal No. | Color Of Wire | Signal Name [Specification] | 83 | R | - | 84 | R | - | 86 | SB | - | 87 | Y | - | 88 | BR | - | 89 | V | - | 90 | G | - | <table border="1"> <tr><td>Connector No.</td><td>E346</td></tr> <tr><td>Connector Name</td><td>FROM E/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM</td></tr> <tr><td>Connector Type</td><td>TH18FW-NH</td></tr> </table>   | Connector No. | E346 | Connector Name | FROM E/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM | Connector Type | TH18FW-NH | <table border="1"> <tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name [Specification]</td></tr> <tr><td>91</td><td>LG</td><td>-</td></tr> <tr><td>92</td><td>P</td><td>-</td></tr> <tr><td>93</td><td>W</td><td>-</td></tr> <tr><td>94</td><td>O</td><td>-</td></tr> <tr><td>99</td><td>Y</td><td>-</td></tr> <tr><td>100</td><td>V</td><td>-</td></tr> <tr><td>101</td><td>Y</td><td>-</td></tr> <tr><td>102</td><td>G</td><td>-</td></tr> <tr><td>103</td><td>BR</td><td>-</td></tr> <tr><td>104</td><td>LG</td><td>-</td></tr> <tr><td>105</td><td>R</td><td>-</td></tr> </table> | Terminal No. | Color Of Wire | Signal Name [Specification] | 91 | LG | - | 92 | P | - | 93 | W | - | 94 | O | - | 99 | Y | - | 100 | V | - | 101 | Y | - | 102 | G | - | 103 | BR | - | 104 | LG | - | 105 | R | - | |
| Connector No. | E345 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Name | FROM E/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Type | NS08FW-CS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | Color Of Wire | Signal Name [Specification] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | R | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | R | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | SB | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | Y | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | BR | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | V | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | G | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector No. | E346 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Name | FROM E/R INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Type | TH18FW-NH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | Color Of Wire | Signal Name [Specification] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | LG | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | P | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | W | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | O | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | Y | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | V | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 101 | Y | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 102 | G | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 103 | BR | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 104 | LG | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 105 | R | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

JRMWG3334GB

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

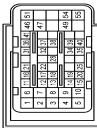
BATTERY POWER SUPPLY

| | |
|----------------|-------------|
| Connector No. | F13 |
| Connector Name | CONDENSER |
| Connector Type | M02FW-GY-LC |



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

| | |
|----------------|------------------|
| Connector No. | F14 |
| Connector Name | ECM |
| Connector Type | M0B35FB-MEB20-LH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 1 | P | THROTTLE CONTROL MOTOR (CLOSE) |
| 2 | G/W | THROTTLE CONTROL MOTOR POWER SUPPLY |
| 3 | L | THROTTLE CONTROL MOTOR (OPEN) |
| 4 | GR | SENSOR GROUND |
| 5 | B | KNOCK SENSOR (BANK 1) |
| 6 | BR/Y | A/F SENSOR 1 HEATER (BANK 1) |
| 7 | P/B | HEATED OXYGEN SENSOR 2 HEATER (BANK 1) |
| 8 | O | THROTTLE CONTROL MOTOR RELAY |
| 9 | W | IGNITION |
| 10 | B | ECM GROUND |
| 11 | L | FUEL INJECTOR No. 5 |
| 12 | LG | FUEL INJECTOR No. 4 |
| 13 | W | ENGINE OIL TEMPERATURE SENSOR |
| 14 | LG | ENGINE OIL PRESSURE SENSOR |
| 15 | B | SENSOR GROUND |
| 16 | R/W | FUEL INJECTOR No. 2 |
| 17 | R/B | FUEL INJECTOR No. 1 |
| 18 | Y | SENSOR POWER SUPPLY |

BATTERY POWER SUPPLY

| | |
|----------------|------------------|
| Connector No. | F15 |
| Connector Name | ECM |
| Connector Type | M0B35FB-MEB10-LH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 19 | B | FUEL PUMP RELAY |
| 20 | B | REFRIGERANT PRESSURE SENSOR |
| 21 | P/B | FUEL INJECTOR No. 3 |
| 22 | R/Y | FUEL INJECTOR No. 3 |
| 23 | G | SENSOR GROUND |
| 24 | BR | SENSOR POWER SUPPLY |
| 25 | Y | ENGINE COOLANT TEMPERATURE SENSOR |
| 26 | W/L | HEATED OXYGEN SENSOR 2 (BANK 2) |
| 27 | L/Y | INTAKE AIR TEMPERATURE SENSOR |
| 28 | B | SENSOR GROUND |
| 29 | B | CRANKSHAFT POSITION SENSOR |
| 30 | GR | EMISSIVE VALVE TIMING CONTROL POSITION SENSOR (BANK 1) |
| 31 | O | EMISSIVE VALVE TIMING CONTROL POSITION SENSOR (BANK 2) |
| 32 | LG | EMISSIVE VALVE TIMING CONTROL POSITION SENSOR (BANK 2) |
| 33 | LG | HEATED OXYGEN SENSOR 1 (BANK 1) |
| 34 | SB | A/F SENSOR 1 HEATER (BANK 2) |
| 35 | R | HEATED OXYGEN SENSOR 2 HEATER (BANK 2) |
| 36 | BR/W | HEATED OXYGEN SENSOR 2 HEATER (BANK 2) |
| 37 | L | SENSOR POWER SUPPLY |
| 38 | P/L | EVAP CHARACTER FUSE VOLUME CONTROL SOLENOID VALVE |
| 39 | B/Y | ECM GROUND |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 40 | W | SENSOR GROUND |
| 41 | W | SENSOR GROUND |
| 42 | W | A/F SENSOR 1 (BANK 1) |
| 43 | W | A/F SENSOR 1 (BANK 2) |
| 44 | BR | BATTERY CURRENT SENSOR |
| 45 | GR | SHIELD |
| 46 | W | THROTTLE POSITION SENSOR 1 |
| 47 | R | THROTTLE POSITION SENSOR 2 |
| 48 | B | SENSOR GROUND |
| 49 | LG | A/F SENSOR 1 (BANK 2) |

BATTERY POWER SUPPLY

| | |
|----------------|------------------|
| Connector No. | F23 |
| Connector Name | ECM |
| Connector Type | RH40FB-R2E-LH-RH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---|
| 71 | V | A/F SENSOR 1 (BANK 2) |
| 72 | GR | SENSOR GROUND |
| 73 | GR | PNP SIGNAL |
| 74 | W/R | CRANKSHAFT POSITION SENSOR (BANK 1) |
| 75 | W/B | ECM RELAY (SELF SHUT-OFF) |
| 76 | R/Y | SENSOR POWER SUPPLY |
| 77 | BR/W | CRANKSHAFT POSITION SENSOR (BANK 2) |
| 78 | BR/W | SENSOR GROUND |
| 79 | G/W | SENSOR POWER SUPPLY |
| 80 | P | STARTER MOTOR RELAY CUT OFF SIGNAL |
| 81 | GR/B | VAS CONTROL SOLENOID VALVE 2 |
| 82 | L/B | IGNITION SIGNAL No. 3 |
| 83 | GR/R | IGNITION SIGNAL No. 8 |
| 84 | B | ECM GROUND |
| 85 | GR | IGNITION SIGNAL No. 2 |
| 86 | P | IGNITION SIGNAL No. 5 |
| 87 | V | VAS CONTROL SOLENOID VALVE 1 |
| 88 | B | ECM GROUND |
| 89 | Y/R | IGNITION SIGNAL No. 1 |
| 90 | W | IGNITION SIGNAL No. 4 |
| 91 | W/L | POWER SUPPLY FOR ECM (BACK-UP) |
| 92 | R | INTAKE VALVE TRIP CONTROL SOLENOID VALVE (BANK 1) |
| 93 | Y | INTAKE VALVE TRIP CONTROL SOLENOID VALVE (BANK 2) |
| 94 | Y | INTAKE VALVE TRIP CONTROL SOLENOID VALVE (BANK 2) |
| 95 | BR | INTAKE VALVE TRIP CONTROL SOLENOID VALVE (BANK 2) |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------|
| 96 | W | SENSOR GROUND |
| 97 | GR | L RANGE SW |
| 98 | GR | R RANGE SW |
| 99 | P/O | N RANGE SW |
| 100 | P/B | R RANGE SW |
| 101 | W | P RANGE SW |
| 102 | W/R | SENSOR GROUND |
| 103 | V | CVT FLUID TEMPERATURE SENSOR |
| 104 | W | SENSOR GROUND |

BATTERY POWER SUPPLY

| | |
|----------------|---|
| Connector No. | F30 |
| Connector Name | EVAP CHARACTER FUSE VOLUME CONTROL SOLENOID VALVE |
| Connector Type | E02FL-RS-L0Y |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 16 | V/W | SECONDARY PRESSURE SENSOR |
| 17 | W | PRIMARY PRESSURE SENSOR |
| 18 | G | COMMON |
| 19 | BR | INPUT SPEED SENSOR |
| 20 | L/O | SENSOR POWER |
| 21 | R/Y | LINE PRESSURE SOLENOID VALVE |
| 22 | L | CAN-H |
| 23 | LG/R | OUTPUT SPEED SENSOR |
| 24 | LG | SELECT SOLENOID VALVE |
| 25 | L/W | PRIMARY SPEED SENSOR |
| 26 | V/R | TORQUE CONVERTER CLUTCH SOLENOID VALVE |
| 27 | W/B | SECONDARY PRESSURE SOLENOID VALVE |
| 28 | B/R | PRIMARY PRESSURE SOLENOID VALVE |
| 29 | B | GROUND |
| 30 | B | GROUND |
| 31 | B | BATTERY POWER SUPPLY |
| 32 | LG | BATTERY POWER SUPPLY |
| 33 | Y | IGNITION POWER SUPPLY |
| 34 | Y | IGNITION POWER SUPPLY |

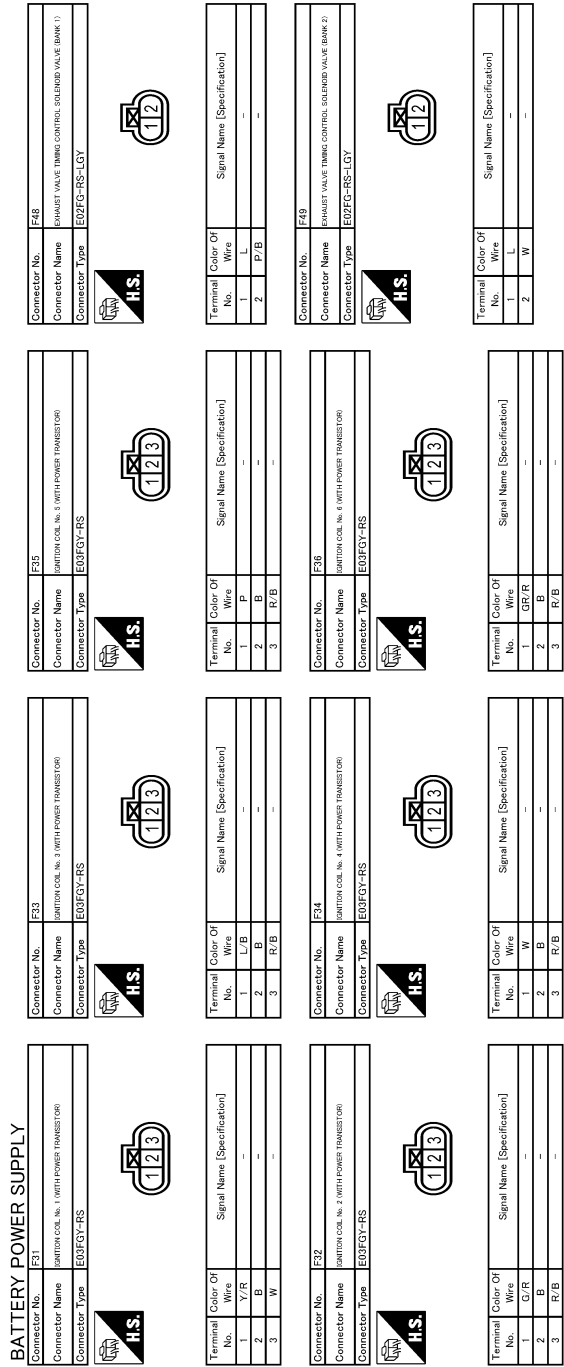


| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 35 | W | SENSOR GROUND |
| 36 | W | SENSOR GROUND |
| 37 | W | SENSOR GROUND |
| 38 | W | SENSOR GROUND |
| 39 | W | SENSOR GROUND |
| 40 | W | SENSOR GROUND |
| 41 | W | SENSOR GROUND |
| 42 | W | SENSOR GROUND |
| 43 | W | SENSOR GROUND |
| 44 | W | SENSOR GROUND |
| 45 | W | SENSOR GROUND |
| 46 | W | SENSOR GROUND |
| 47 | W | SENSOR GROUND |
| 48 | W | SENSOR GROUND |

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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



















JRMWG3337GB

POWER SUPPLY ROUTING CIRCUIT

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BATTERY POWER SUPPLY

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|--|---|------|----------------|---|----------------|--------------|--|--------------|---|-----|---|---|--|--|--|--------------|---|-----|---|---|--|--|--|--|---------------|-----|----------------|---|----------------|--------------|--|--------------|---|-----|----|---|--|------|--|--------------|---|-----|----|--------------|---|------|--|---|--|-----|--|---|--|-----|--|
| <table border="1"> <tr><td>Connector No.</td><td>F51</td></tr> <tr><td>Connector Name</td><td>INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1)</td></tr> <tr><td>Connector Type</td><td>E02FG-RS-LGY</td></tr> </table>   | Connector No. | F51 | Connector Name | INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1) | Connector Type | E02FG-RS-LGY | <table border="1"> <tr><td>Terminal No.</td><td>1</td><td>R/W</td><td>Y</td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> </table> <table border="1"> <tr><td>Terminal No.</td><td>1</td><td>R/W</td><td>Y</td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> </table> | Terminal No. | 1 | R/W | Y | 2 | | | | Terminal No. | 1 | R/W | Y | 2 | | | | <table border="1"> <tr><td>Connector No.</td><td>F52</td></tr> <tr><td>Connector Name</td><td>INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2)</td></tr> <tr><td>Connector Type</td><td>E02FG-RS-LGY</td></tr> </table>   | Connector No. | F52 | Connector Name | INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2) | Connector Type | E02FG-RS-LGY | <table border="1"> <tr><td>Terminal No.</td><td>1</td><td>R/W</td><td>Y</td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> </table> <table border="1"> <tr><td>Terminal No.</td><td>1</td><td>R/W</td><td>Y</td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> </table> | Terminal No. | 1 | R/W | Y | 2 | | | | Terminal No. | 1 | R/W | Y | 2 | | | | | | | | | | | |
| Connector No. | F51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Name | INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Type | E02FG-RS-LGY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | 1 | R/W | Y | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | 1 | R/W | Y | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector No. | F52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Name | INTAKE VALVE TIMING CONTROL SOLENOID VALVE (BANK 2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Type | E02FG-RS-LGY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | 1 | R/W | Y | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | 1 | R/W | Y | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>Connector No.</td><td>F53</td></tr> <tr><td>Connector Name</td><td>INTAKE VALVE TIMING INTERMEDIATE LOCK CONTROL SOLENOID VALVE (BANK 1)</td></tr> <tr><td>Connector Type</td><td>E02FG-RS-LGY</td></tr> </table>   | Connector No. | F53 | Connector Name | INTAKE VALVE TIMING INTERMEDIATE LOCK CONTROL SOLENOID VALVE (BANK 1) | Connector Type | E02FG-RS-LGY | <table border="1"> <tr><td>Terminal No.</td><td>1</td><td>L</td><td>V</td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> </table> <table border="1"> <tr><td>Terminal No.</td><td>1</td><td>L</td><td>V</td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> </table> | Terminal No. | 1 | L | V | 2 | | | | Terminal No. | 1 | L | V | 2 | | | | <table border="1"> <tr><td>Connector No.</td><td>F54</td></tr> <tr><td>Connector Name</td><td>INTAKE VALVE TIMING INTERMEDIATE LOCK CONTROL SOLENOID VALVE (BANK 2)</td></tr> <tr><td>Connector Type</td><td>E02FG-RS-LGY</td></tr> </table>   | Connector No. | F54 | Connector Name | INTAKE VALVE TIMING INTERMEDIATE LOCK CONTROL SOLENOID VALVE (BANK 2) | Connector Type | E02FG-RS-LGY | <table border="1"> <tr><td>Terminal No.</td><td>1</td><td>L</td><td>BR</td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> </table> <table border="1"> <tr><td>Terminal No.</td><td>1</td><td>L</td><td>BR</td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> </table> | Terminal No. | 1 | L | BR | 2 | | | | Terminal No. | 1 | L | BR | 2 | | | | | | | | | | | |
| Connector No. | F53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Name | INTAKE VALVE TIMING INTERMEDIATE LOCK CONTROL SOLENOID VALVE (BANK 1) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Type | E02FG-RS-LGY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | 1 | L | V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | 1 | L | V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector No. | F54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Name | INTAKE VALVE TIMING INTERMEDIATE LOCK CONTROL SOLENOID VALVE (BANK 2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Type | E02FG-RS-LGY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | 1 | L | BR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | 1 | L | BR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>Connector No.</td><td>F59</td></tr> <tr><td>Connector Name</td><td>ALTERNATOR</td></tr> <tr><td>Connector Type</td><td>24340-JA08A</td></tr> </table>   | Connector No. | F59 | Connector Name | ALTERNATOR | Connector Type | 24340-JA08A | <table border="1"> <tr><td>Terminal No.</td><td>1</td><td>B/R</td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> </table> <table border="1"> <tr><td>Terminal No.</td><td>1</td><td>B/R</td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> </table> | Terminal No. | 1 | B/R | | 2 | | | | Terminal No. | 1 | B/R | | 2 | | | | <table border="1"> <tr><td>Connector No.</td><td>F60</td></tr> <tr><td>Connector Name</td><td>ALTERNATOR</td></tr> <tr><td>Connector Type</td><td>H503FB</td></tr> </table>   | Connector No. | F60 | Connector Name | ALTERNATOR | Connector Type | H503FB | <table border="1"> <tr><td>Terminal No.</td><td>3</td><td>BR</td><td></td></tr> <tr><td>4</td><td></td><td>Y/B</td><td></td></tr> <tr><td>5</td><td></td><td>S/S</td><td></td></tr> </table> <table border="1"> <tr><td>Terminal No.</td><td>3</td><td>BR</td><td></td></tr> <tr><td>4</td><td></td><td>Y/B</td><td></td></tr> <tr><td>5</td><td></td><td>S/S</td><td></td></tr> </table> | Terminal No. | 3 | BR | | 4 | | Y/B | | 5 | | S/S | | Terminal No. | 3 | BR | | 4 | | Y/B | | 5 | | S/S | |
| Connector No. | F59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Name | ALTERNATOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Type | 24340-JA08A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | 1 | B/R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | 1 | B/R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector No. | F60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Name | ALTERNATOR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Type | H503FB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | 3 | BR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | Y/B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | S/S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | 3 | BR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | Y/B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | S/S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>Connector No.</td><td>F74</td></tr> <tr><td>Connector Name</td><td>VAS CONTROL SOLENOID VALVE 1</td></tr> <tr><td>Connector Type</td><td>E02FB-RS</td></tr> </table>   | Connector No. | F74 | Connector Name | VAS CONTROL SOLENOID VALVE 1 | Connector Type | E02FB-RS | <table border="1"> <tr><td>Terminal No.</td><td>1</td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> </table> <table border="1"> <tr><td>Terminal No.</td><td>1</td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> </table> | Terminal No. | 1 | | | 2 | | | | Terminal No. | 1 | | | 2 | | | | <table border="1"> <tr><td>Connector No.</td><td>F75</td></tr> <tr><td>Connector Name</td><td>VAS CONTROL SOLENOID VALVE 2</td></tr> <tr><td>Connector Type</td><td>E02FB-RS</td></tr> </table>   | Connector No. | F75 | Connector Name | VAS CONTROL SOLENOID VALVE 2 | Connector Type | E02FB-RS | <table border="1"> <tr><td>Terminal No.</td><td>1</td><td>R/W</td><td></td></tr> <tr><td>2</td><td></td><td>GF/B</td><td></td></tr> </table> <table border="1"> <tr><td>Terminal No.</td><td>1</td><td>R/W</td><td></td></tr> <tr><td>2</td><td></td><td>GF/B</td><td></td></tr> </table> | Terminal No. | 1 | R/W | | 2 | | GF/B | | Terminal No. | 1 | R/W | | 2 | | GF/B | | | | | | | | | |
| Connector No. | F74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Name | VAS CONTROL SOLENOID VALVE 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Type | E02FB-RS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector No. | F75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Name | VAS CONTROL SOLENOID VALVE 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Connector Type | E02FB-RS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | 1 | R/W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | GF/B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Terminal No. | 1 | R/W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | GF/B | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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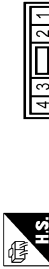
JRMWG3338GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|--------------|
| Connector No. | F121 |
| Wire Name | WIRE TO WIRE |
| Connector Type | NS10FM-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 2 | W | - |
| 3 | R/Y | - |
| 4 | W/L | - |
| 5 | R/W | - |
| 6 | B | - |
| 7 | B | - |
| 8 | B | - |
| 10 | B | - |

| | |
|----------------|--------------|
| Connector No. | F123 |
| Wire Name | WIRE TO WIRE |
| Connector Type | TK10FC1-TV |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | - |
| 2 | W | - |
| 3 | G/R | - |
| 4 | P/B | - |
| 5 | P/B | - |
| 6 | L/R | - |
| 7 | P | - |
| 8 | P | - |
| 9 | W/R | - |
| 10 | Y/B | - |
| 11 | BR/W | - |
| 12 | BR | - |

| | | |
|----|-----|---|
| 13 | G | - |
| 14 | B | - |
| 15 | L/O | - |
| 16 | R | - |



| | |
|----------------|---------------------|
| Connector No. | M4 |
| Connector Name | DATA LINK CONNECTOR |
| Connector Type | BD10FW |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 3 | LG | - |
| 4 | GR | - |
| 5 | GR | - |
| 6 | L | - |
| 7 | R | - |
| 8 | G | - |
| 11 | SB | - |
| 14 | P | - |
| 16 | P | - |

| | |
|----------------|----------------|
| Connector No. | M5 |
| Connector Name | VDC OFF SWITCH |
| Connector Type | TR08FB-NH |



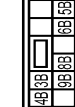
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | - |
| 2 | B | - |
| 3 | P | - |
| 4 | GR | - |

| | |
|----------------|------------------|
| Connector No. | M6 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | CS10FW-M2 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 3A | G | - |
| 3A | G | - |
| 3A | L | - |
| 4A | GR | - |
| 5A | V | - |
| 6A | R | - |
| 7A | GR | - |
| 8A | L | - |

| | |
|----------------|------------------|
| Connector No. | M7 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | HS10FW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 3B | V | - |
| 4B | W | - |
| 5B | BR | - |
| 6B | O | - |
| 8B | GR | - |

| | |
|----------------|----------------|
| Connector No. | M11 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH10FM-CS10-M3 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 2 | SH/ED | - |
| 3 | B | - |
| 4 | R | - |
| 6 | G | - |
| 7 | R | - |
| 8 | G | - |
| 9 | B | - |
| 10 | R | - |
| 11 | W | - |
| 12 | L | - |
| 12 | LG | - [Without automatic drive positioner] |
| 13 | G | - [With automatic drive positioner] |
| 13 | Y | - [Without automatic drive positioner] |
| 14 | P | - [With automatic drive positioner] |
| 15 | P | - |
| 31 | R | - |
| 32 | LG | - |
| 37 | BR | - [With automatic drive positioner] |
| 37 | W | - [Without automatic drive positioner] |
| 38 | R | - |
| 39 | BE | - [Without automatic drive positioner] |
| 39 | Y | - [With automatic drive positioner] |
| 40 | P | - |
| 41 | L | - |
| 42 | G | - |
| 43 | W | - |
| 43 | P | - |
| 43 | O | - |
| 49 | R | - |
| 49 | G | - |
| 51 | G | - |
| 52 | W | - |
| 53 | B | - |
| 54 | LG | - |
| 55 | L | - |

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| Pin | Shield |
|-----|--------|
| 86 | SHIELD |
| 87 | W |
| 88 | R |
| 89 | B |
| 90 | W |
| 91 | W |
| 92 | BR |
| 93 | P |
| 94 | R |
| 95 | L |
| 96 | LG |
| 97 | Y |
| 98 | V |
| 99 | P |
| 100 | BR |
| 101 | W |
| 102 | L |
| 103 | R |

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



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



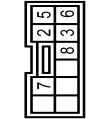
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | |
| 2 | B | |
| 3 | G | |
| 4 | W | |
| 5 | L | |
| 6 | Y | |
| 7 | Y | |



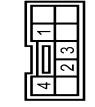
| Connector No. | Connector Name | Connector Type |
|---------------|-------------------|----------------|
| M14 | REAR BLOWER RELAY | MBFBR-R-LC |



| Connector No. | Connector Name | Connector Type |
|---------------|----------------------------|----------------|
| M24 | AC 120V OUTLET MAIN SWITCH | TK10PW |



| Connector No. | Connector Name | Connector Type |
|---------------|----------------------------|----------------|
| M29 | AUTOMATIC DOOR MAIN SWITCH | TK08PW |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | BE | |
| 2 | GR | |
| 3 | BR | |
| 4 | P | |
| 5 | B | |
| 6 | P | |
| 7 | P | |
| 8 | B | |

| Connector No. | Connector Name | Connector Type |
|---------------|------------------|----------------|
| M26 | NATS ANTENNA AMP | TH04FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | Y | BAT |
| 2 | GR | CLK |
| 3 | P | DATA |
| 4 | B | GROUND |

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

| Connector No. | Connector Name | Connector Type |
|---------------|-----------------|----------------|
| M31 | CIRCUIT BREAKER | M02FW-P-LC |



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



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

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|----------------|-----------------------------------|
| Connector No. | M32 |
| Connector Name | COMBINATION SWITCH (SPIRAL CABLE) |
| Connector Type | TK0BFY-EX-IV |



| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------|-----------------------------|
| 23 | P | C | |
| 29 | Y | V | |
| 30 | Y | Y | |

| | |
|----------------|-----------------|
| Connector No. | M39 |
| Connector Name | CIRCUIT BREAKER |
| Connector Type | M02FW-P-LC |



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

| | |
|----------------|---------------|
| Connector No. | M45 |
| Connector Name | HAZARD SWITCH |
| Connector Type | TK04FW |



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

| | |
|----------------|-----------------|
| Connector No. | M48 |
| Connector Name | CIRCUIT BREAKER |
| Connector Type | M02FW-P-LC |



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

| | |
|----------------|-----------|
| Connector No. | M49 |
| Connector Name | A/C AMP. |
| Connector Type | TH40FW-NH |



| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------|-----------------------------------|
| 1 | P | C | BATTERY POWER SUPPLY |
| 2 | C | C | IGNITION POWER SUPPLY |
| 4 | SR | SR | DOOR MOTOR POWER SUPPLY |
| 5 | BR | BR | LAN SIGNAL |
| 7 | R | R | REAR WINDOW DEFOGGER F/B SIGNAL |
| 8 | P | P | ILLUMINATION POWER SUPPLY |
| 9 | GR | GR | ACC POWER SUPPLY |
| 10 | W | W | FRONT BLOWER MOTOR CONTROL SIGNAL |
| 12 | BE | BE | BLOWER FAN ON SIGNAL |
| 13 | G | G | A/C ON SIGNAL |
| 17 | G | G | ENGINE COOLANT TEMPERATURE SIGNAL |
| 21 | B | B | GROUND |
| 22 | B | B | GROUND |
| 27 | BE | BE | REAR WINDOW DEFOGGER ON SIGNAL |
| 28 | BE | BE | REAR BLOWER MOTOR CONTROL SIGNAL |
| 30 | R | R | REAR BLOWER MOTOR CONTROL SIGNAL |
| 32 | W | W | COMM (A/C AUTO AMP->RR A/C CONT) |
| 33 | W | W | COMM (RR A/C CONT->A/C AUTO AMP) |
| 37 | BE | BE | INTAKE SENSOR SIGNAL |
| 40 | G | G | SENSOR GROUND |

| | |
|----------------|---------------|
| Connector No. | M50 |
| Connector Name | A/C AUTO AMP. |
| Connector Type | TH40FW-NH |



| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------|--|
| 1 | P | C | BATTERY POWER SUPPLY |
| 2 | C | C | IGNITION POWER SUPPLY |
| 4 | SR | SR | DOOR MOTOR POWER SUPPLY |
| 5 | BR | BR | LAN SIGNAL |
| 7 | R | R | REAR WINDOW DEFOGGER F/B SIGNAL |
| 8 | P | P | ILLUMINATION POWER SUPPLY |
| 9 | GR | GR | ACC POWER SUPPLY |
| 10 | W | W | FRONT BLOWER MOTOR CONTROL SIGNAL |
| 12 | BE | BE | BLOWER FAN ON SIGNAL |
| 13 | G | G | A/C ON SIGNAL |
| 15 | GR | GR | IONIZER ON/OFF CONTROL SIGNAL |
| 17 | G | G | ENGINE COOLANT TEMPERATURE SIGNAL |
| 18 | W | W | SUNLOAD SENSOR SIGNAL |
| 19 | P | P | FRONT IN-VEHICLE SENSOR SIGNAL |
| 20 | P | P | FRONT IN-VEHICLE SENSOR SIGNAL |
| 21 | B | B | A/C AUTO AMP CONTROL/REGULATOR SIGNAL |
| 23 | B | B | GROUND |
| 24 | BE | BE | VEHICLE SPEED SIGNAL |
| 27 | BE | BE | REAR WINDOW DEFOGGER ON SIGNAL |
| 28 | GR | GR | ILLUMINATION GROUND |
| 30 | R | R | REAR BLOWER MOTOR CONTROL SIGNAL |
| 32 | G | G | COMM (A/C AUTO AMP->RR A/C CONT) |
| 33 | W | W | COMM (RR A/C CONT->A/C AUTO AMP) |
| 36 | R | R | EDM (AIR-OUTSIDE DOOR DETECTING SENSOR SIGNAL) |
| 37 | BE | BE | INTAKE SENSOR SIGNAL |
| 38 | GR | GR | REAR IN-VEHICLE SENSOR SIGNAL |
| 39 | L | L | AMBIENT SENSOR SIGNAL |
| 40 | G | G | SENSOR GROUND |

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

| | |
|----------------|----------------------|
| Connector No. | M84 |
| Connector Name | METER CONTROL SWITCH |
| Connector Type | TH08BMF-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 1 | P | - [Without automatic drive positioner] |
| 2 | B/R | - [With automatic drive positioner] |
| 3 | GR | - [Without automatic drive positioner] |
| 4 | G | - [With automatic drive positioner] |
| 5 | BR | - [Without automatic drive positioner] |
| 6 | P | - [With automatic drive positioner] |

| | |
|----------------|-----------------------------|
| Connector No. | M85 |
| Connector Name | ILLUMINATION CONTROL SWITCH |
| Connector Type | TH08BMF-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 1 | P | - [Without automatic drive positioner] |
| 2 | B/R | - [With automatic drive positioner] |
| 3 | GR | - [Without automatic drive positioner] |
| 4 | G | - [With automatic drive positioner] |
| 5 | BR | - [Without automatic drive positioner] |
| 6 | P | - [With automatic drive positioner] |

| | |
|----------------|------------|
| Connector No. | M86 |
| Connector Name | BSW SWITCH |
| Connector Type | TH08FEL-NH |



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

| | |
|----------------|--------------|
| Connector No. | M89 |
| Connector Name | WIPE TO WIRE |
| Connector Type | M02FW-GY-LC |



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

| | |
|----------------|----------------------------|
| Connector No. | M83 |
| Connector Name | AUTOMATIC BACK DOOR SWITCH |
| Connector Type | TH08EGY-NH |



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

| | |
|----------------|---------------------------------|
| Connector No. | M85 |
| Connector Name | O/V SHIFT SELECTOR ILLUMINATION |
| Connector Type | TK02FBR |



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

| | |
|----------------|-------------------------|
| Connector No. | M86 |
| Connector Name | FOOT LAMP (DRIVER SIDE) |
| Connector Type | A02FW |



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

| | |
|----------------|----------------------------|
| Connector No. | M87 |
| Connector Name | FOOT LAMP (PASSENGER SIDE) |
| Connector Type | A02FW |



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

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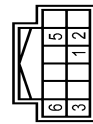
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

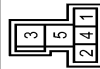
BATTERY POWER SUPPLY

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| Connector No. | M89 |
| Connector Name | SLIDING DOOR OPEN / CLOSE SWITCH (FRONT SIDE) |
| Connector Type | TH12FCV-NH |



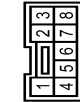
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | W | |
| 2 | W | |
| 3 | B | |
| 4 | P | |
| 5 | P | |
| 6 | GR | |

| | |
|----------------|------------------------|
| Connector No. | M91 |
| Connector Name | SELECTIVE UNLOCK RELAY |
| Connector Type | INS03FE-M2-LC |



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

| | |
|----------------|-----------------------------|
| Connector No. | M101 |
| Connector Name | PUSH-BUTTON IGNITION SWITCH |
| Connector Type | TU08FBR |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | B | |
| 2 | B | |
| 3 | P | |
| 4 | V | |
| 5 | W | |
| 6 | R | |
| 7 | G | |
| 8 | W | |

| | |
|----------------|---|
| Connector No. | M104 |
| Connector Name | AUTOMATIC DRIVE POSITIONER CONTROL UNIT |
| Connector Type | INS06FW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 25 | R | BAT |
| 30 | GR | GROUND |

| | |
|----------------|---------------------------|
| Connector No. | M123 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | FEA08FW-FH46-SA |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 65 | Y | INT ROOM LAMP PWR SPLY |
| 66 | O | BAT |
| 67 | O | AIR BAG |
| 68 | O | PASS DOOR UNLK OUTPUT |
| 69 | V | TURN SIG LH OUTPUT |
| 70 | G | TURN SIG RH OUTPUT |
| 71 | W | STEP LAMP CONT |
| 72 | R | INT ROOM LAMP CONT |
| 73 | W | CRANK REC |
| 74 | W | ALL DOOR UNLK OUTPUT |
| 75 | G | DR DOOR UNLK OUTPUT |
| 76 | B | GROUND |
| 77 | B | PW PWR SPLY (IGN) |
| 78 | L | PW PWR SPLY (BAT) |
| 79 | L | BAT |

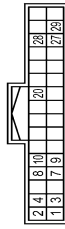
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| Connector No. | M124 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | TH40FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 73 | G | ON IND |
| 75 | G | DR DOOR REG SW |
| 76 | V | PUSH SW |
| 78 | B | DR DOOR ANT+ |
| 79 | W | DR DOOR ANT- |

| | | |
|-----|----|------------------------------|
| 80 | GR | PASS DOOR ANT+ |
| 81 | BE | PASS DOOR ANT- |
| 82 | GC | REAR EMER ANT+ |
| 83 | R | REAR EMER ANT- |
| 84 | GR | ROOM ANT1+ |
| 85 | B | ROOM ANT1- |
| 86 | W | ROOM ANT2+ |
| 87 | BE | ROOM ANT2- |
| 88 | GR | LAGGAGE ROOM ANT+ |
| 89 | B | LAGGAGE ROOM ANT- |
| 90 | P | PUSH-BTN IGN SW ILL PWR SPLY |
| 91 | W | LOCK IND |
| 92 | B | PUSH-BTN IGN SW ILL GND |
| 93 | R | PREY WARN BUZZER |
| 94 | BE | ADJUT |
| 95 | BE | STARTER RELAY CONT |
| 96 | P | IGN RELAY (FROM F/R) CONT |
| 98 | G | IGN RELAY (F/B) CONT OUTPUT |
| 99 | G | PASS DOOR REG SW |
| 100 | R | IGN PWR SPLY 2 |
| 101 | R | P/N POSITION |
| 102 | P | CVT SHIFT SELECT PWR SPLY |
| 104 | L | STOP LAMP SW 2 |
| 105 | R | STOP LAMP SW |
| 106 | O | BLWR RELAY CONT OUTPUT |
| 109 | R | ACC IND |

| | |
|----------------|------------------|
| Connector No. | M138 |
| Connector Name | TEL ADAPTER UNIT |
| Connector Type | TH32FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | P | BATTERY |
| 2 | GR | GROUND |
| 3 | GR | IGNITION |
| 4 | GR | GROUND |
| 7 | B | MICROPHONE SIGNAL |
| 8 | SHIELD | MICROPHONE GND |
| 9 | B | SOUND SIGNAL (+) |
| 10 | W | SOUND SIGNAL (-) |
| 20 | GR | CONTROL SIGNAL |

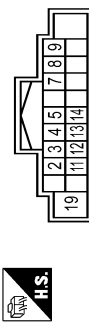
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

BATTERY POWER SUPPLY

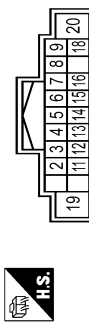
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| 27 | GR | CONTROL SIGNAL |
| 28 | BE | VEHICLE SPEED (β-PULSE) |
| 29 | W | MICROPHONE VCC |

| | |
|----------------|------------|
| Connector No. | M142 |
| Connector Name | AUDIO UNIT |
| Connector Type | NH18FW-CSZ |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 2 | Y | SOUND SIGNAL FRONT SPEAKER LH (+) |
| 3 | B | SOUND SIGNAL FRONT SPEAKER RH (-) |
| 4 | SB | SOUND SIGNAL SLIDE DOOR SPEAKER LH (+) |
| 5 | LG | SOUND SIGNAL SLIDE DOOR SPEAKER RH (-) |
| 6 | ACC | ACC |
| 7 | GR | ILLUMINATION CONTROL SIGNAL (+) |
| 8 | B | ILLUMINATION CONTROL SIGNAL (-) |
| 9 | P | SOUND SIGNAL FRONT SPEAKER RH (+) |
| 11 | B | SOUND SIGNAL FRONT SPEAKER RH (-) |
| 12 | L | SOUND SIGNAL SLIDE DOOR SPEAKER RH (+) |
| 13 | P | SOUND SIGNAL SLIDE DOOR SPEAKER RH (-) |
| 14 | L | SOUND SIGNAL SLIDE DOOR SPEAKER RH (+) |
| 15 | GR | STRG SW GND |
| 16 | P | STRG SW B |
| 18 | BE | VEHICLE SPEED (β-PULSE) |
| 19 | Y | BATTERY |
| 20 | B | GROUND |

| | |
|----------------|------------|
| Connector No. | M144 |
| Connector Name | AUDIO UNIT |
| Connector Type | NH18FW-CSZ |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 2 | Y | SOUND SIGNAL FRONT SPEAKER LH (+) |
| 3 | B | SOUND SIGNAL FRONT SPEAKER RH (-) |
| 4 | SB | SOUND SIGNAL SLIDE DOOR SPEAKER LH (+) |

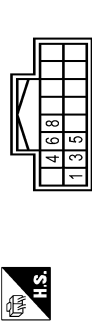
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| 5 | LG | SOUND SIGNAL SLIDE DOOR SPEAKER LH (-) |
| 6 | G | STRG SW A |
| 7 | G | STRG SW B |
| 8 | B | ILLUMINATION CONTROL SIGNAL (+) |
| 9 | P | ILLUMINATION CONTROL SIGNAL (-) |
| 11 | B | SOUND SIGNAL FRONT SPEAKER RH (+) |
| 12 | L | SOUND SIGNAL FRONT SPEAKER RH (-) |
| 13 | P | SOUND SIGNAL SLIDE DOOR SPEAKER RH (+) |
| 14 | L | SOUND SIGNAL SLIDE DOOR SPEAKER RH (-) |
| 15 | GR | STRG SW GND |
| 16 | P | STRG SW B |
| 18 | BE | VEHICLE SPEED (β-PULSE) |
| 19 | Y | BATTERY |
| 20 | B | GROUND |

| | |
|----------------|-------------------|
| Connector No. | M152 |
| Connector Name | DISC EJECT SWITCH |
| Connector Type | JAB04FB |



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

| | |
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| Connector No. | M154 |
| Connector Name | MULTIFUNCTION SWITCH |
| Connector Type | TH18FW-NH |



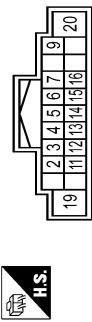
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | B | GROUND |
| 2 | B | GROUND |
| 3 | Y | ACC |
| 4 | Y | ACC |
| 5 | GR | ILL CONT |
| 6 | SB | AV COMM (H) |
| 8 | LG | AV COMM (L) |

| | |
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| Connector No. | M155 |
| Connector Name | FRONT DISPLAY UNIT |
| Connector Type | TH24FW-NH |



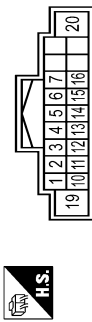
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 6 | SHIELD | SHIELD |
| 7 | SHIELD | SHIELD |
| 8 | Y | CAMERA IMAGE SIGNAL |
| 9 | W | COMM (DISP->CONT) |
| 10 | B | COMM (CONT->DISP) |
| 11 | SB | BATTERY |
| 12 | B | GROUND |
| 13 | B | COMPOSITE IMAGE SIGNAL |
| 19 | W | COMPOSITE IMAGE SIGNAL GND |
| 20 | B | COMPOSITE SYNC |
| 22 | SHIELD | SHIELD |
| 23 | O | ACC |

| | |
|----------------|-----------------|
| Connector No. | M183 |
| Connector Name | AV CONTROL UNIT |
| Connector Type | NH18FW-CSZ |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 2 | LG | SOUND SIGNAL FRONT SPEAKER LH (+) |
| 3 | SB | SOUND SIGNAL FRONT SPEAKER RH (-) |
| 4 | Y | SOUND SIGNAL SLIDE DOOR SPEAKER LH (+) |
| 5 | L | SOUND SIGNAL SLIDE DOOR SPEAKER RH (-) |
| 6 | BE | STRG SW A |
| 7 | O | ACC |
| 9 | BE | MR OUTPUT |
| 11 | L | SOUND SIGNAL FRONT SPEAKER RH (+) |
| 12 | B | SOUND SIGNAL FRONT SPEAKER RH (-) |
| 13 | BR | SOUND SIGNAL SLIDE DOOR SPEAKER LH (+) |
| 14 | SB | SOUND SIGNAL SLIDE DOOR SPEAKER RH (-) |
| 15 | W | STRG SW GND |
| 16 | P | STRG SW B |
| 19 | SB | BATTERY |
| 20 | B | GROUND |

| | |
|----------------|-----------------|
| Connector No. | M181 |
| Connector Name | AV CONTROL UNIT |
| Connector Type | NH18FW-CSZ |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | LG | AMP ON SIGNAL |
| 2 | R | SOUND SIGNAL FRONT LH (+) |
| 3 | G | SOUND SIGNAL FRONT LH (-) |
| 4 | B | SOUND SIGNAL REAR LH (+) |
| 5 | W | SOUND SIGNAL REAR LH (-) |

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POWER SUPPLY ROUTING CIRCUIT

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BATTERY POWER SUPPLY

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| Connector No. | R109 |
| Connector Name | MAP_LAMP |
| Connector Type | TR08FCY |

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

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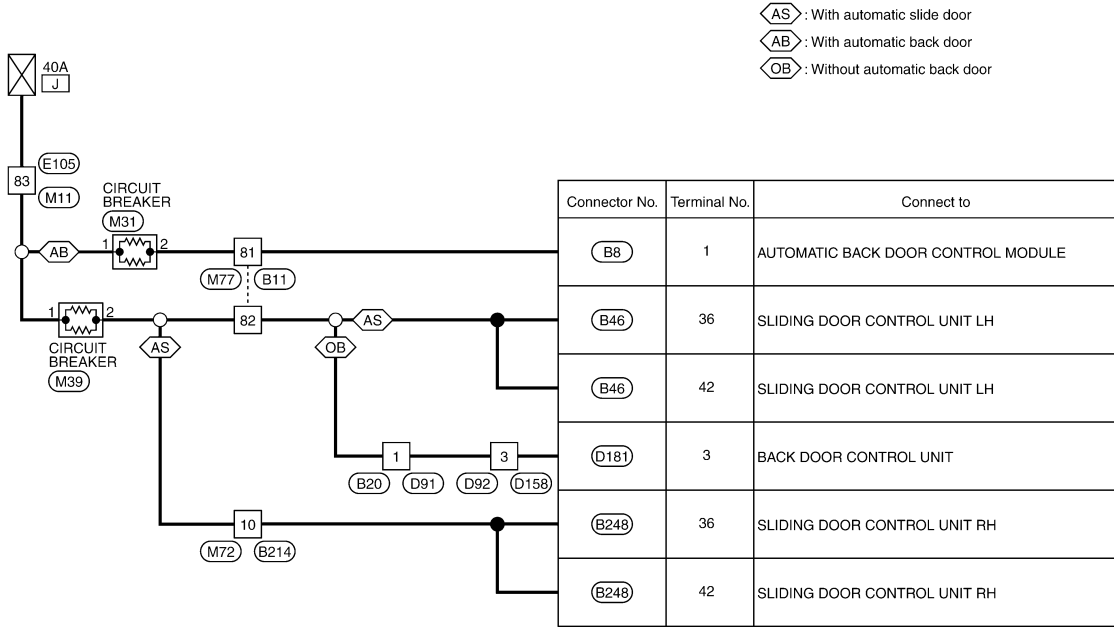
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSIBLE LINK No. J - BATTERY POWER SUPPLY FUSIBLE LINK No. J

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2014/07/25

JRMWG3347GB

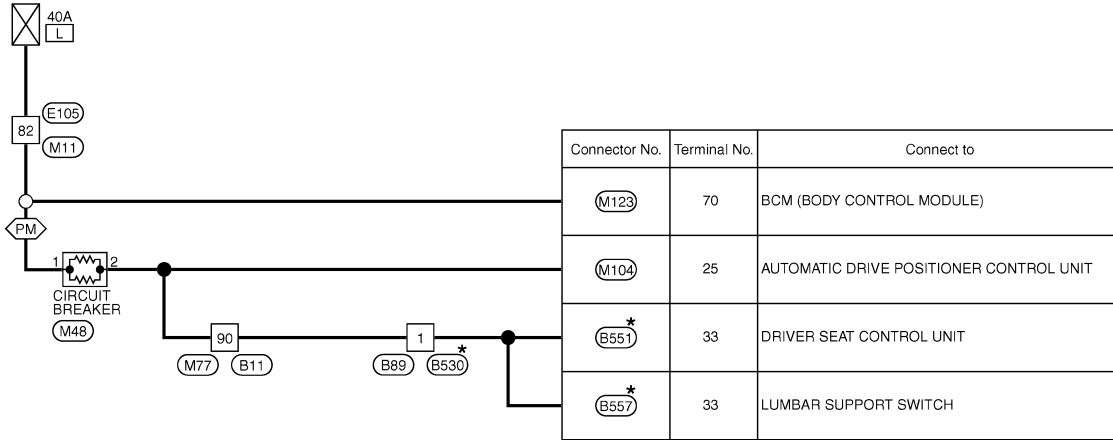
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSIBLE LINK No. L - BATTERY POWER SUPPLY FUSIBLE LINK No. L

INFOID:000000011321043

◀PM▶ : With automatic drive positioner



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

2010/12/13

JCMWA7701GB

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POWER SUPPLY ROUTING CIRCUIT

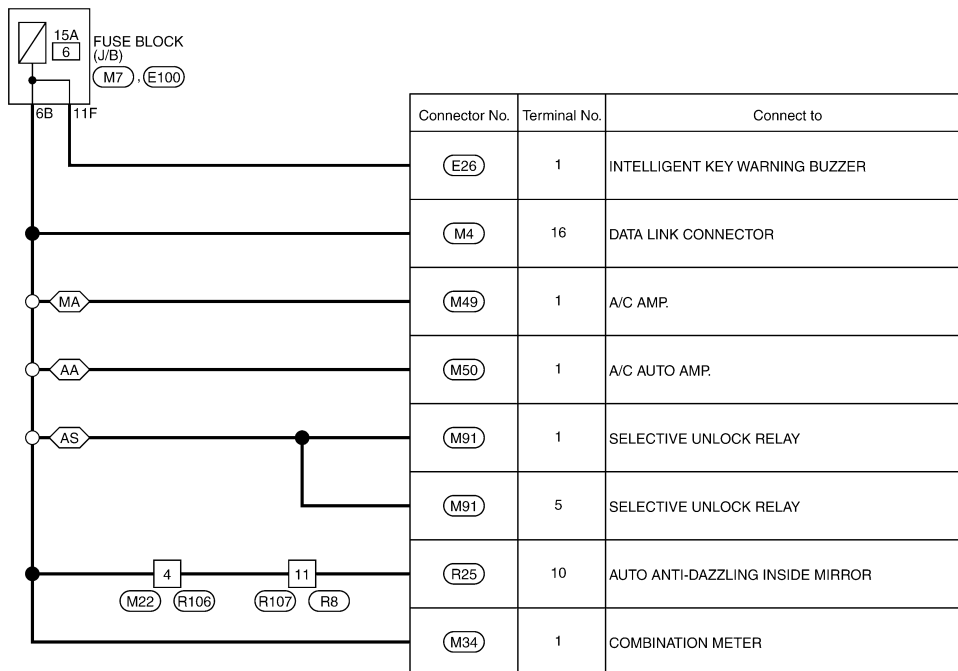
< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 6 -

INFOID:000000011321044

BATTERY POWER SUPPLY FUSE No. 6

- AS : With automatic slide door
- AA : With auto A/C
- MA : With manual A/C



2014/07/25

JRMWG3348GB

POWER SUPPLY ROUTING CIRCUIT

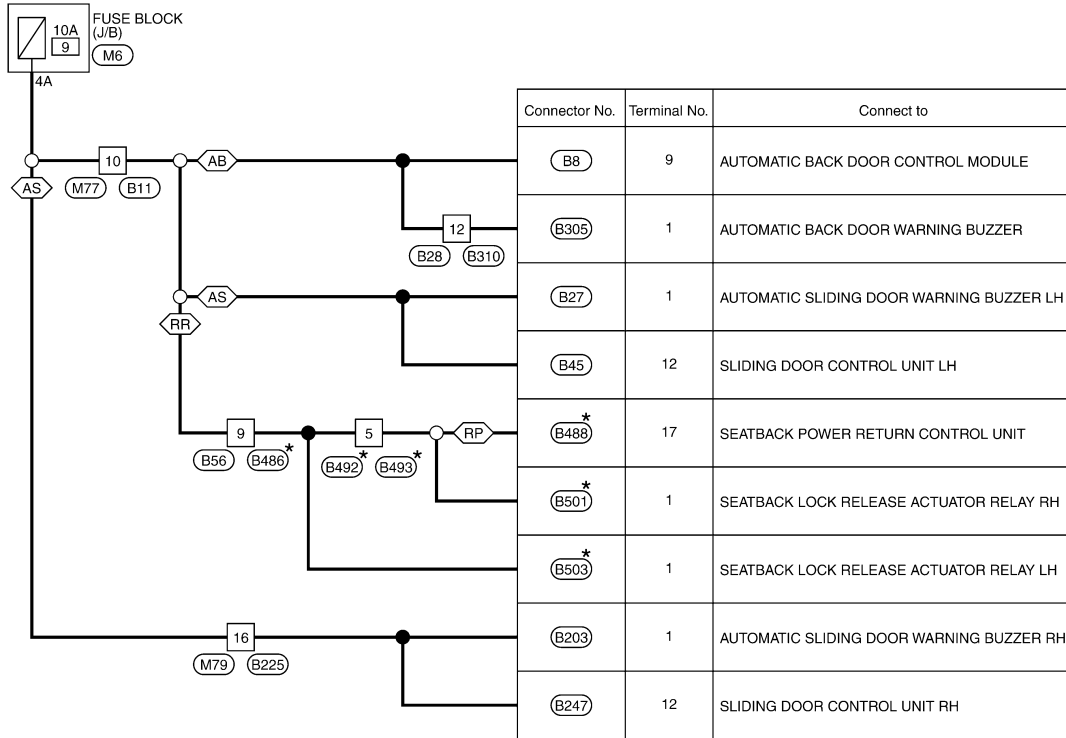
< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 9 -

INFOID:000000011321045

BATTERY POWER SUPPLY FUSE No. 9

- ⬡RP⬡ : With seatback power return system
- ⬡RR⬡ : With seatback power folding system
- ⬡AS⬡ : With automatic slide door
- ⬡AB⬡ : With automatic back door



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

2014/07/25

JRMWG3349GB

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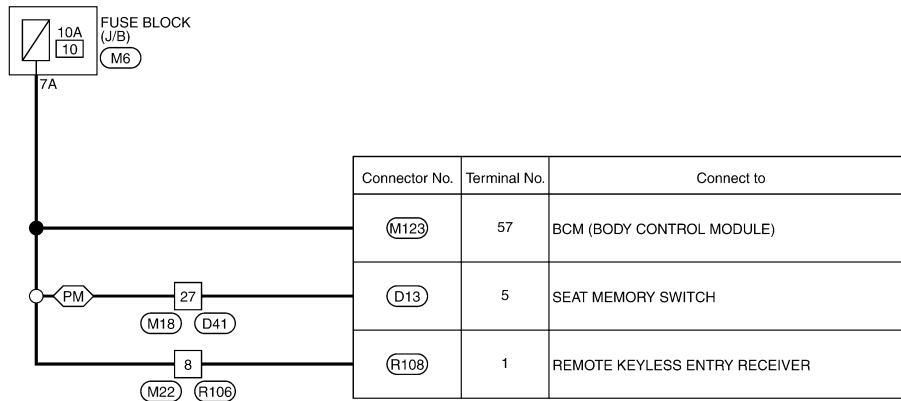
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 10 - BATTERY POWER SUPPLY FUSE No. 10

INFOID:000000011321046

◀PM▶ : With automatic drive positioner



2014/07/25

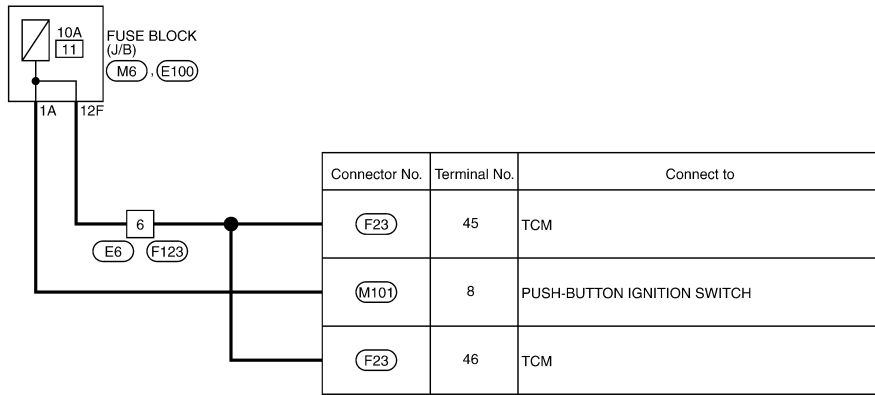
JRMWG3350GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 11 - BATTERY POWER SUPPLY FUSE No. 11

INFOID:000000011321047



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2014/07/25

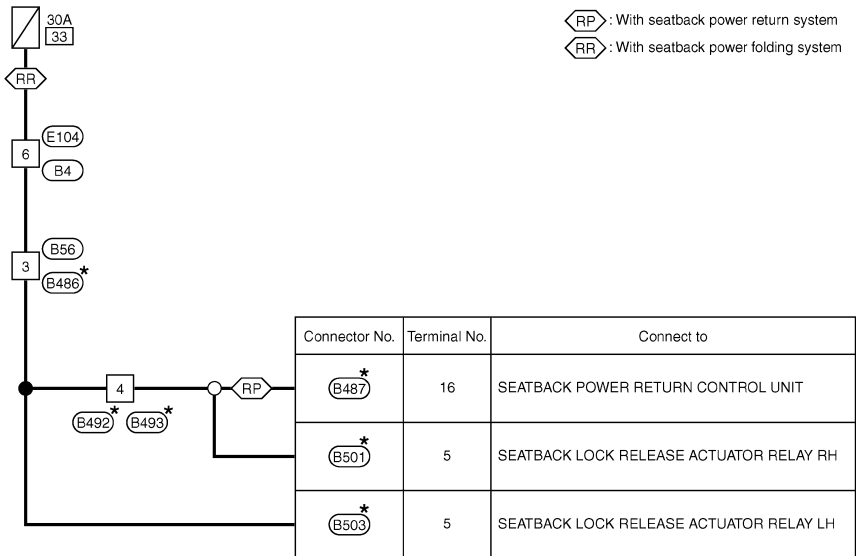
JRMWG3351GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 33 - BATTERY POWER SUPPLY FUSE No. 33

INFOID:000000011321048



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

2010/12/13

JCMWA7719GB

POWER SUPPLY ROUTING CIRCUIT

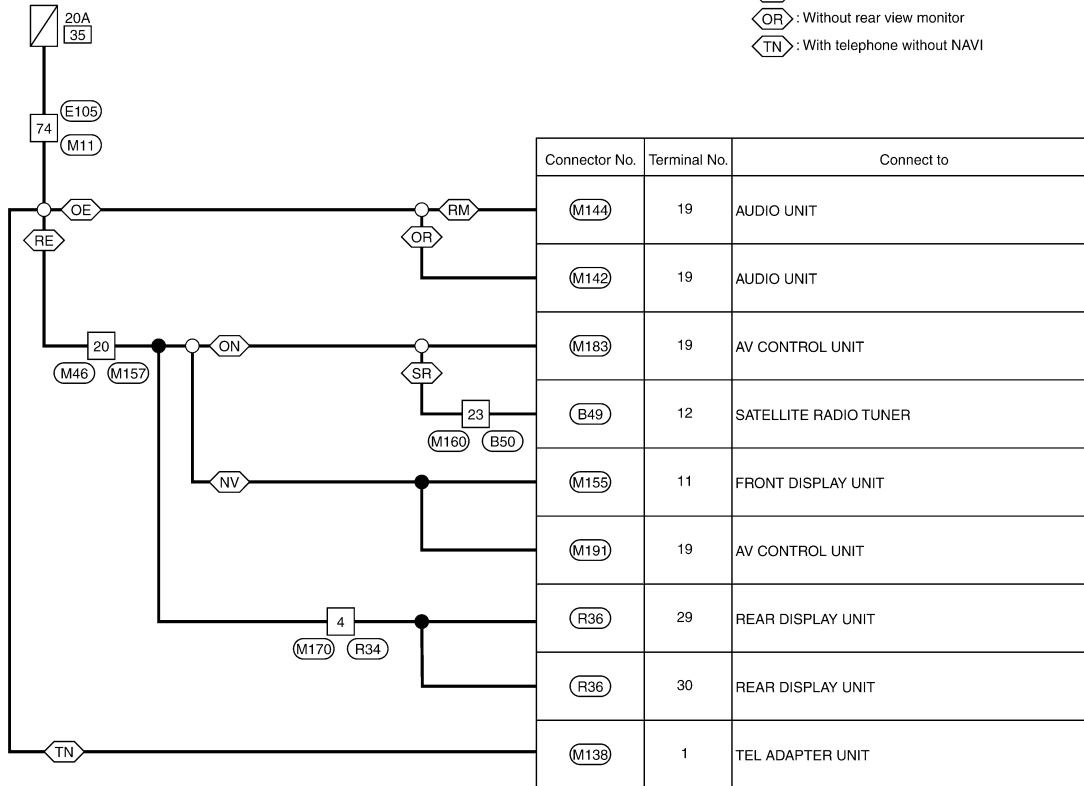
< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 35 -

INFOID:000000011321049

BATTERY POWER SUPPLY FUSE No. 35

- ◊SR◊ : With satellite radio
- ◊NV◊ : With NAVI
- ◊ON◊ : Without NAVI
- ◊RE◊ : With rear entertainment
- ◊OE◊ : Without rear entertainment
- ◊RM◊ : With rear view monitor
- ◊OR◊ : Without rear view monitor
- ◊TN◊ : With telephone without NAVI



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2014/07/25

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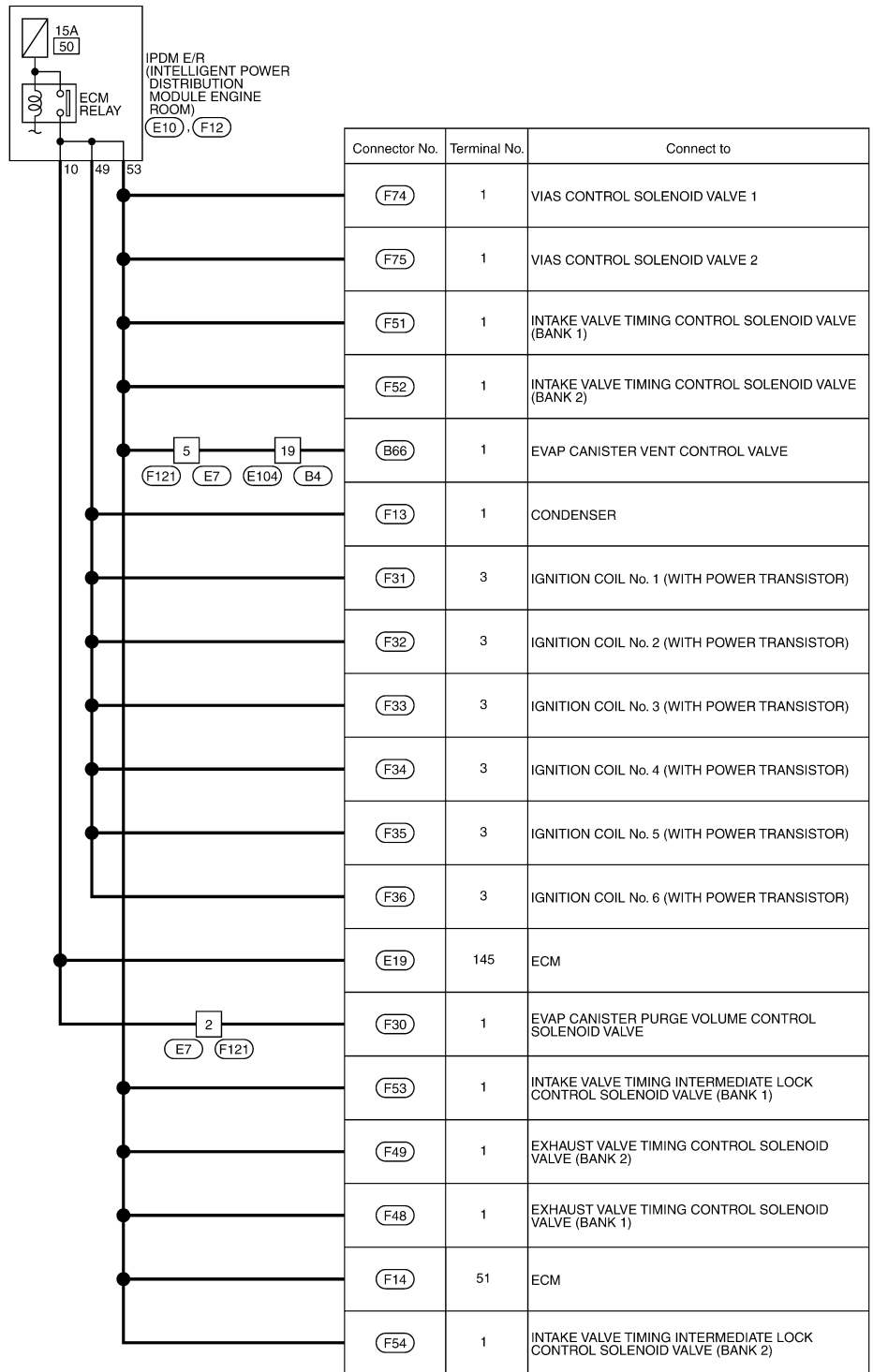
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 50 -

INFOID:000000011321050

BATTERY POWER SUPPLY FUSE No. 50



2014/07/25

JRMWG3353GB


POWER SUPPLY ROUTING CIRCUIT

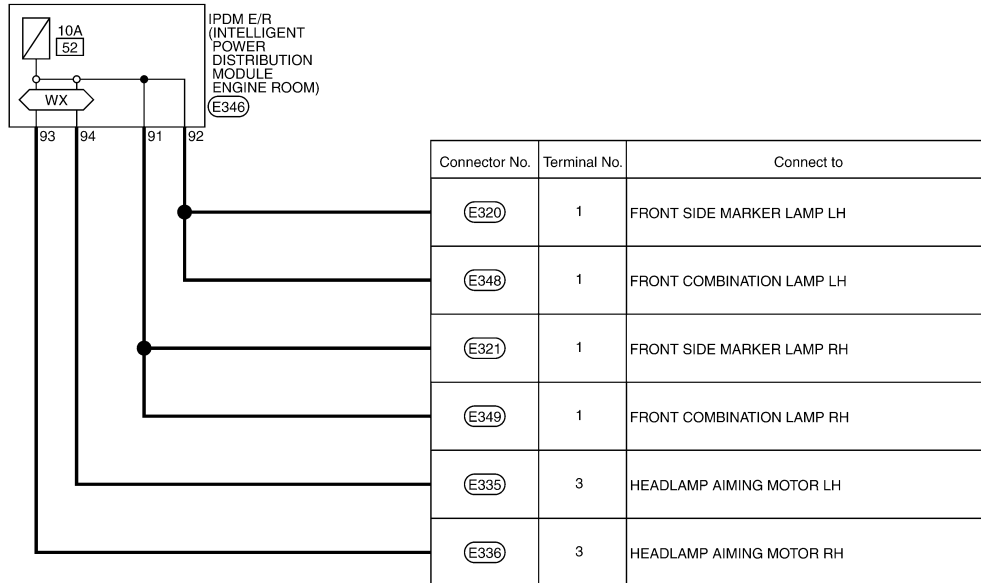
< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 52 -

INFOID:000000011321051

BATTERY POWER SUPPLY FUSE No. 52

 : With xenon headlamp



2014/07/25

JRMWG3354GB

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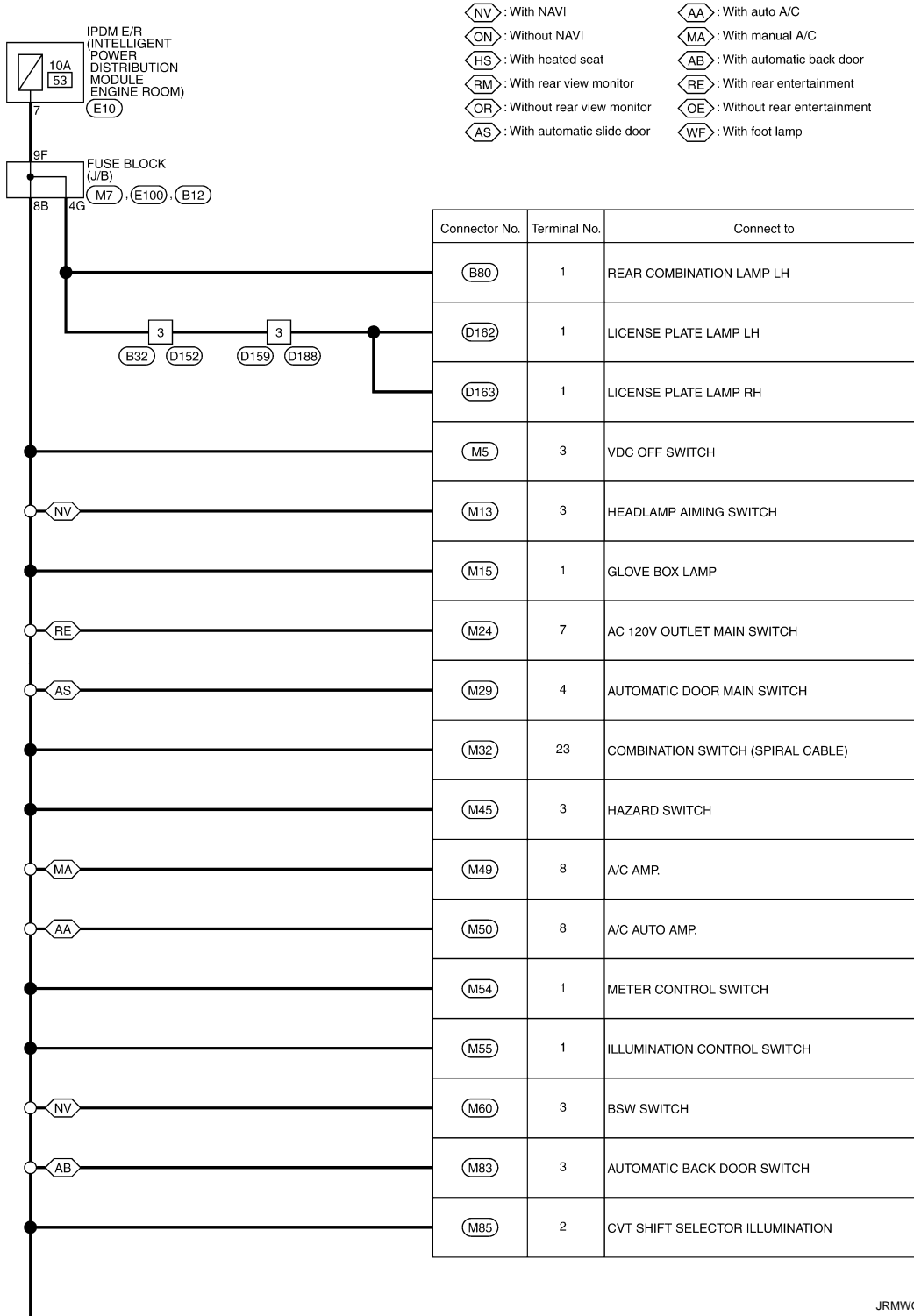
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - BATTERY POWER SUPPLY FUSE No. 53 -

INFOID:000000011321052

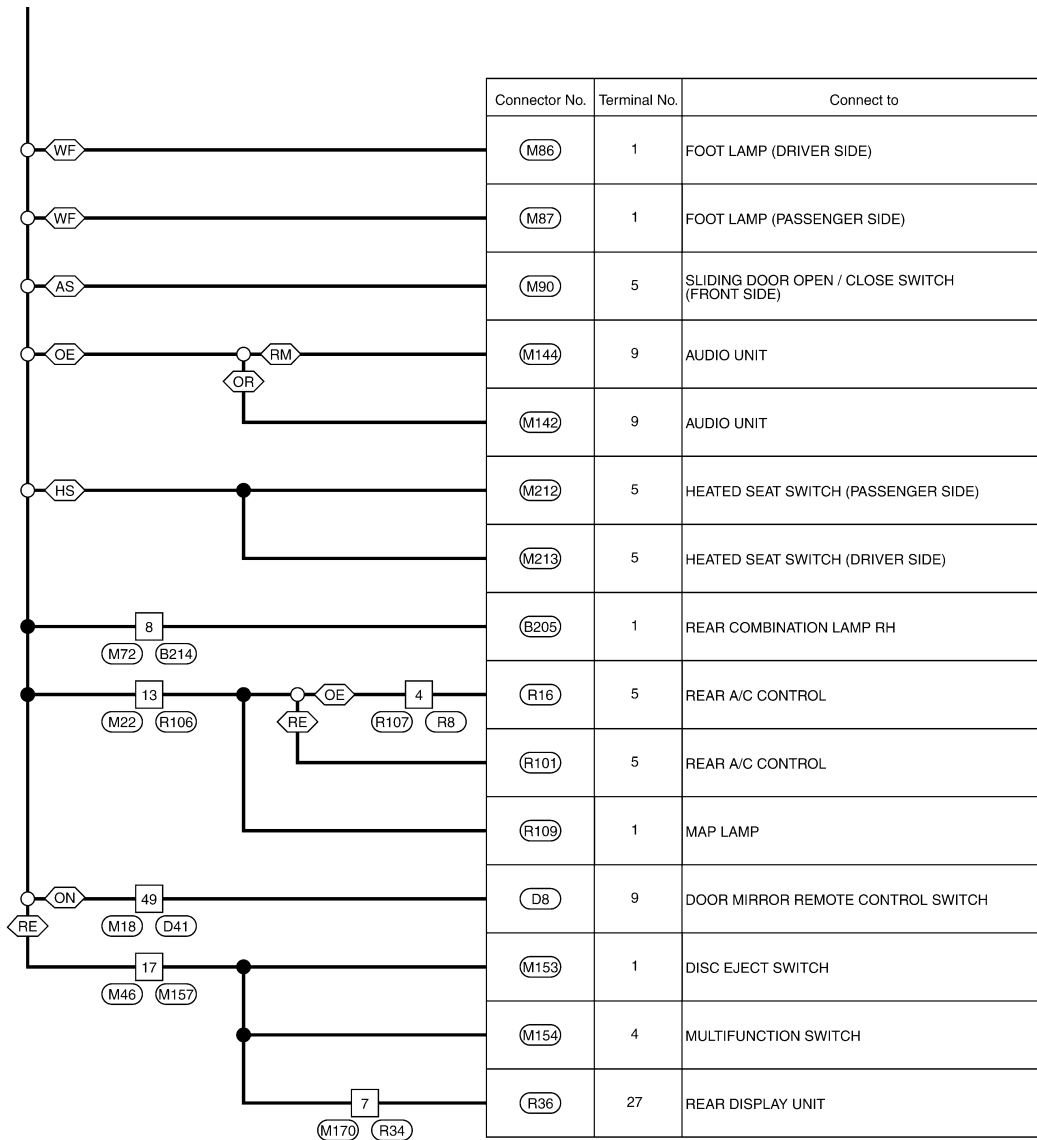
BATTERY POWER SUPPLY FUSE No. 53



JRMWG3355GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



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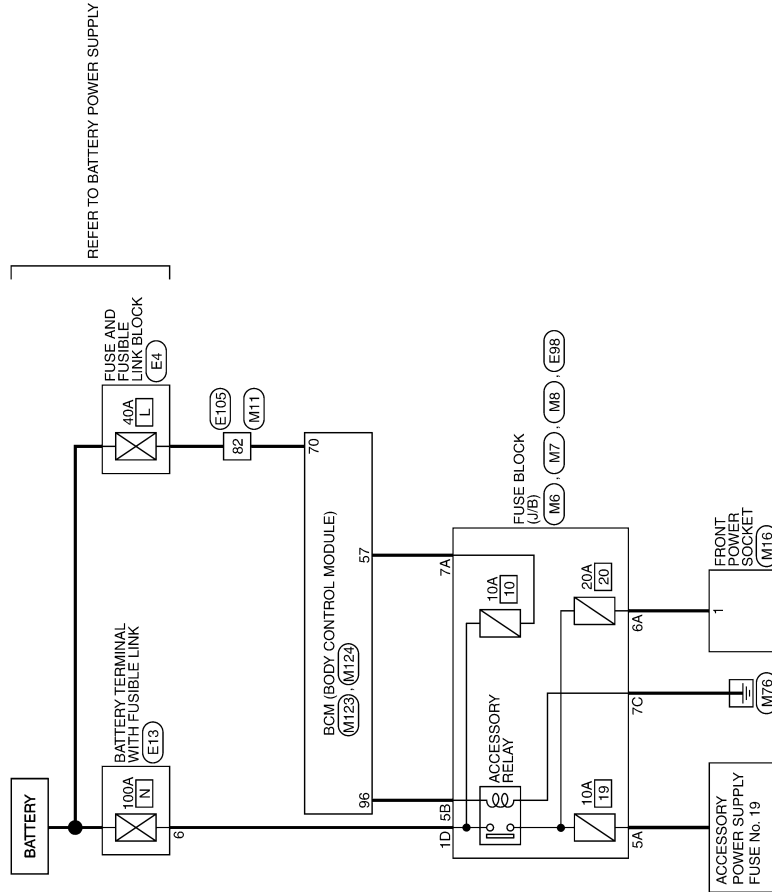
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - ACCESSORY POWER SUPPLY -

INFOID:000000011321053

ACCESSORY POWER SUPPLY



2014/07/25

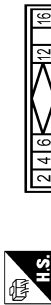
JRMWG3357GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

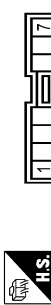
ACCESSORY POWER SUPPLY

| | |
|----------------|-----------------------|
| Connector No. | E49 |
| Connector Name | SATELLITE RADIO TUNER |
| Connector Type | A16FW |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-------------------------------------|
| 1 | B | SATELLITE RADIO SOUND SIGNAL LH (-) |
| 2 | W | SATELLITE RADIO SOUND SIGNAL LH (+) |
| 3 | W | SATELLITE RADIO SOUND SIGNAL RH (-) |
| 4 | G | SATELLITE RADIO SOUND SIGNAL RH (+) |
| 5 | SHIELD | SHIELD |
| 6 | SHIELD | SHIELD |
| 8 | B | REQUEST (SAT->CONT) |
| 9 | W | COMM (SAT->CONT) |
| 10 | R | COMM (CONT->SAT) |
| 12 | G | BATTERY |
| 15 | B | GROUND |
| 16 | P | ACC |

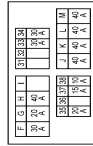
| | |
|----------------|-----------------------------------|
| Connector No. | D8 |
| Connector Name | DOOR MIRROR REMOTE CONTROL SWITCH |
| Connector Type | TK16FW |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | GR | |
| 2 | GR | |
| 3 | R | |
| 4 | R | |
| 10 | G | |
| 12 | W | |
| 13 | G | |

| | |
|---------------|----|
| Terminal No. | 14 |
| Color Of Wire | GR |
| Terminal No. | 15 |
| Color Of Wire | R |
| Terminal No. | 16 |
| Color Of Wire | P |

| | |
|----------------|-----------------------------|
| Connector No. | E4 |
| Connector Name | FUSE AND FUSIBLE LINK BLOCK |
| Connector Type | Z4381.7990A |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 33 | LG | |
| 34 | L | |
| 35 | Y | |
| 37 | SB | |
| 38 | W | |
| F | G | |
| G | R | |
| H | G | |
| J | R | |
| K | L | |
| M | BR | |

| | |
|----------------|------------------------------------|
| Connector No. | E13 |
| Connector Name | BATTERY TERMINAL WITH FUSIBLE LINK |
| Connector Type | LO1FB-MC |



| | |
|---------------|--------|
| Terminal No. | 15 |
| Color Of Wire | P |
| Terminal No. | 16 |
| Color Of Wire | GR |
| Terminal No. | 32 |
| Color Of Wire | GR |
| Terminal No. | 37 |
| Color Of Wire | BR |
| Terminal No. | 38 |
| Color Of Wire | G |
| Terminal No. | 39 |
| Color Of Wire | V |
| Terminal No. | 40 |
| Color Of Wire | P |
| Terminal No. | 41 |
| Color Of Wire | L |
| Terminal No. | 42 |
| Color Of Wire | LG |
| Terminal No. | 43 |
| Color Of Wire | O |
| Terminal No. | 45 |
| Color Of Wire | P |
| Terminal No. | 46 |
| Color Of Wire | SB |
| Terminal No. | 47 |
| Color Of Wire | V |
| Terminal No. | 49 |
| Color Of Wire | L |
| Terminal No. | 51 |
| Color Of Wire | BR |
| Terminal No. | 52 |
| Color Of Wire | G |
| Terminal No. | 53 |
| Color Of Wire | G |
| Terminal No. | 54 |
| Color Of Wire | O |
| Terminal No. | 55 |
| Color Of Wire | Y |
| Terminal No. | 56 |
| Color Of Wire | SHIELD |
| Terminal No. | 61 |
| Color Of Wire | P |
| Terminal No. | 62 |
| Color Of Wire | G |
| Terminal No. | 63 |
| Color Of Wire | W/L |
| Terminal No. | 64 |
| Color Of Wire | W/R |
| Terminal No. | 66 |
| Color Of Wire | W |
| Terminal No. | 67 |
| Color Of Wire | Y |
| Terminal No. | 69 |
| Color Of Wire | R |
| Terminal No. | 71 |
| Color Of Wire | R |
| Terminal No. | 72 |
| Color Of Wire | L |
| Terminal No. | 74 |
| Color Of Wire | GY |
| Terminal No. | 75 |
| Color Of Wire | SB |
| Terminal No. | 76 |
| Color Of Wire | Y |
| Terminal No. | 77 |
| Color Of Wire | G |
| Terminal No. | 78 |
| Color Of Wire | O |
| Terminal No. | 80 |
| Color Of Wire | R |
| Terminal No. | 81 |
| Color Of Wire | L |
| Terminal No. | 82 |
| Color Of Wire | LG |
| Terminal No. | 83 |
| Color Of Wire | R |

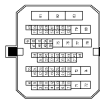
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| Connector No. | E68 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | LO1FW-MC |



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| Terminal No. | ID |
| Color Of Wire | W |

Signal Name [Specification]

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|----------------|----------------|
| Connector No. | E105 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH70MW-GSTD-M3 |



| | |
|---------------|--------|
| Terminal No. | 1 |
| Color Of Wire | SHIELD |
| Terminal No. | 2 |
| Color Of Wire | W |
| Terminal No. | 3 |
| Color Of Wire | B |
| Terminal No. | 4 |
| Color Of Wire | R |
| Terminal No. | 6 |
| Color Of Wire | LG |
| Terminal No. | 7 |
| Color Of Wire | R |
| Terminal No. | 8 |
| Color Of Wire | GR |
| Terminal No. | 10 |
| Color Of Wire | BR |
| Terminal No. | 11 |
| Color Of Wire | Y |
| Terminal No. | 12 |
| Color Of Wire | O |
| Terminal No. | 13 |
| Color Of Wire | W |
| Terminal No. | 14 |
| Color Of Wire | L |

Signal Name [Specification]

JRMWG3358GB

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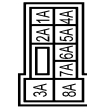


POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

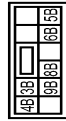
ACCESSORY POWER SUPPLY

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| Connector No. | M6 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | CS06FW-M2 |



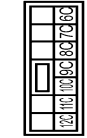
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 3A | R | -- |
| 4A | G | -- |
| 5A | L | -- |
| 6A | GR | -- |
| 7A | V | -- |
| 8A | R | -- |
| 9A | GR | -- |
| 10A | L | -- |

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| Connector No. | M7 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | NS10FW-CS |



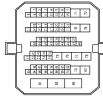
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1B | Y | -- |
| 2B | W | -- |
| 3B | ER | -- |
| 4B | O | -- |
| 5B | GR | -- |

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|----------------|------------------|
| Connector No. | M8 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | NS12FW-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 6C | GR | -- |
| 7C | GR | -- |
| 8C | G | -- |
| 9C | Y | -- |

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|----------------|----------------|
| Connector No. | M11 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH10FW-CS10-M3 |



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

| | | | |
|----|--------|----|--------------------------------------|
| 13 | Y | -- | [With automatic drive positioner] |
| 14 | L | -- | -- |
| 15 | P | -- | -- |
| 31 | R | -- | -- |
| 32 | LG | -- | -- |
| 37 | BR | -- | [With automatic drive positioner] |
| 37 | W | -- | [Without automatic drive positioner] |
| 38 | R | -- | -- |
| 39 | BE | -- | [Without automatic drive positioner] |
| 39 | Y | -- | [With automatic drive positioner] |
| 40 | P | -- | -- |
| 41 | L | -- | -- |
| 42 | G | -- | -- |
| 43 | W | -- | -- |
| 44 | Y | -- | -- |
| 45 | Y | -- | -- |
| 46 | Y | -- | -- |
| 47 | Y | -- | -- |
| 48 | Y | -- | -- |
| 49 | G | -- | -- |
| 51 | G | -- | -- |
| 52 | W | -- | -- |
| 53 | B | -- | -- |
| 54 | LG | -- | -- |
| 55 | L | -- | -- |
| 56 | SHIELD | -- | -- |
| 61 | R | -- | -- |
| 62 | W | -- | -- |
| 63 | B | -- | -- |
| 64 | W | -- | -- |
| 65 | W | -- | -- |
| 66 | W | -- | -- |
| 67 | BR | -- | -- |
| 68 | P | -- | -- |
| 71 | R | -- | -- |
| 72 | L | -- | -- |
| 73 | LG | -- | -- |
| 74 | Y | -- | -- |
| 75 | Y | -- | -- |
| 76 | V | -- | -- |
| 77 | P | -- | -- |
| 78 | BR | -- | -- |
| 80 | Y | -- | -- |
| 81 | W | -- | -- |
| 82 | L | -- | -- |
| 83 | R | -- | -- |

| | |
|----------------|--------------------|
| Connector No. | M16 |
| Connector Name | FRONT POWER SOCKET |
| Connector Type | F102FB-Z |



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

| | |
|----------------|-----------|
| Connector No. | M49 |
| Connector Name | A/C AMP. |
| Connector Type | TH40FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------------|
| 1 | P | BATTERY POWER SUPPLY |
| 2 | G | IGNITION POWER SUPPLY |
| 4 | SB | DOOR MOTOR POWER SUPPLY |
| 5 | BR | LAN SIGNAL |
| 7 | R | REAR WINDOW DEFROGGER F/B SIGNAL |
| 8 | P | ILLUMINATION POWER SUPPLY |
| 9 | GR | ACC POWER SUPPLY |
| 10 | W | FRONT BLOWER MOTOR CONTROL SIGNAL |
| 12 | BE | BLOWER FAN ON SIGNAL |
| 13 | G | A/C ON SIGNAL |
| 15 | W | REAR WINDOW DEFROGGER F/B SIGNAL |
| 21 | G | GROUND |
| 23 | B | GROUND |
| 27 | BE | REAR WINDOW DEFROGGER ON SIGNAL |
| 28 | GR | ILLUMINATION GROUND |
| 30 | R | REAR BLOWER MOTOR CONTROL SIGNAL |
| 32 | G | COMM (A/C AUTO AMP->RR A/C CONT) |
| 33 | W | COMM (RR A/C CONT->A/C AUTO AMP.) |

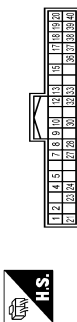
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

ACCESSORY POWER SUPPLY

| | | |
|----|----|-----------------------|
| 37 | GR | INTRAGE SENSOR SIGNAL |
| 40 | G | SENSOR GROUND |

| | |
|----------------|---------------|
| Connector No. | M450 |
| Connector Name | A/C AUTO AMP. |
| Connector Type | TH40FW-NH |



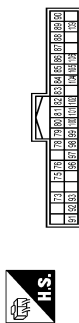
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---|
| 1 | P | 4B |
| 2 | G | IGNITION POWER SUPPLY |
| 4 | SB | DOOR MOTOR POWER SUPPLY |
| 5 | BR | LAN SIGNAL |
| 7 | R | REAR WINDOW DEFOGGER F/E SIGNAL |
| 8 | P | ILLUMINATION POWER SUPPLY |
| 9 | GR | ACC POWER SUPPLY |
| 10 | W | FRONT BLOWER MOTOR CONTROL SIGNAL |
| 12 | BE | BLOWER FAN ON SIGNAL |
| 13 | G | A/C ON SIGNAL |
| 15 | GR | WINDZER ON/OFF CONTROL SIGNAL |
| 16 | G | ENGINE OIL PRESSURE SENSOR SIGNAL |
| 18 | W | SUNLOAD SENSOR SIGNAL |
| 19 | P | FRONT IN-VEHICLE SENSOR SIGNAL |
| 20 | R | A/C AUTO AMP. CONNECTION RECOGNITION SIGNAL |
| 21 | B | GROUND |
| 23 | B | GROUND |
| 24 | BE | VEHICLE SPEED SIGNAL |
| 27 | BE | REAR WINDOW DEFOGGER ON SIGNAL |
| 28 | GR | ILLUMINATION GROUND |
| 30 | R | REAR BLOWER MOTOR CONTROL SIGNAL |
| 32 | G | COMM (A/C AUTO AMP.->RR A/C CONT) |
| 33 | W | COMM (RR A/C CONT->A/C AUTO AMP.) |
| 36 | R | EXH GAS OUTSIDE COLOR DETECTING SENSOR SIGNAL |
| 37 | BE | INTRAGE SENSOR SIGNAL |
| 38 | GR | REAR WINDZER MOTOR CONTROL SIGNAL |
| 39 | GR | AMBIENT SENSOR SIGNAL |
| 40 | G | SENSOR GROUND |

| | |
|----------------|---------------------------|
| Connector No. | M123 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | FE409FW-FH46-SA |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 56 | Y | INT ROOM LAMP PWR SPLY |
| 57 | Y | INT ROOM LAMP CONT |
| 58 | O | ARB TAG |
| 59 | SB | PASS DOOR UNLK OUTPUT |
| 60 | V | TURN SIG RH OUTPUT |
| 61 | G | TURN SIG LH OUTPUT |
| 62 | W | STEP LAMP CONT |
| 63 | R | INT ROOM LAMP CONT |
| 64 | W | CRANK REQ |
| 65 | V | ALL DOOR LOCK OUTPUT |
| 66 | G | DR DOOR UNLK OUTPUT |
| 67 | B | GROUND |
| 68 | L | PW PWR SPLY (IGN) |
| 69 | P | PW PWR SPLY (BAT) |
| 70 | L | BAT |

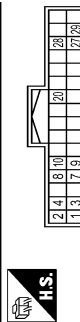
| | |
|----------------|---------------------------|
| Connector No. | M124 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | TH40FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 73 | G | ON LND |
| 75 | G | DR DOOR REQ SW |
| 76 | V | PUSH SW |
| 78 | B | DR DOOR ANT+ |
| 79 | W | DR DOOR ANT- |

| | | |
|-----|----|------------------------------|
| 80 | GR | PASS DOOR ANT+ |
| 82 | EC | REAR BMRP ANT+ |
| 83 | R | REAR BMRP ANT- |
| 84 | GR | ROOM ANT+ |
| 85 | B | ROOM ANT- |
| 86 | W | ROOM ANT2+ |
| 87 | BE | ROOM ANT2- |
| 88 | GR | Luggage ROOM ANT+ |
| 89 | B | Luggage ROOM ANT- |
| 91 | W | PUSH BTN IGN SW LLL PWR SPLY |
| 92 | B | LOOK IND |
| 93 | B | PUSH BTN IGN SW LLL OND |
| 95 | BE | E-KEY WARN BUZZER |
| 96 | BE | ACC RELAY CONT OUTPUT |
| 97 | P | IGN RELAY (P) CONT |
| 98 | P | IGN RELAY (B) CONT |
| 99 | G | IGN RELAY (F) CONT OUTPUT |
| 100 | R | PASS DOOR REQ SW |
| 101 | R | IGN PWR SPLY 2 |
| 102 | P | P/N POSITION |
| 104 | L | CVT SHIFT SELECT PWR SPLY |
| 105 | R | STOP LAMP SW 2 |
| 106 | O | BLWR RELAY CONT OUTPUT |
| 108 | R | ACC IND |

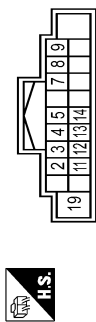
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| Connector No. | M138 |
| Connector Name | TEL ADAPTER UNIT |
| Connector Type | TH32FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | Y | BATTERY |
| 2 | GR | ACC |
| 3 | GR | IGN |
| 4 | GR | GROUND |
| 7 | B | MICROPHONE SIGNAL |
| 8 | B | SHIELD |
| 9 | B | SOUND SIGNAL (+) |
| 10 | W | SOUND SIGNAL (-) |
| 20 | GR | CONTROL SIGNAL |

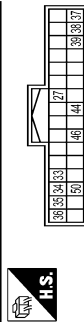
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| 27 | GR | CONTROL SIGNAL |
| 28 | BE | VEHICLE SPEED SIGNAL (VSS) |
| 29 | W | MICROPHONE VCC |

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| Connector No. | M142 |
| Connector Name | AUDIO UNIT |
| Connector Type | NH18FW-CSZ |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 2 | Y | SOUND SIGNAL FRONT SPEAKER LH (+) |
| 3 | B | SOUND SIGNAL FRONT SPEAKER LH (-) |
| 4 | SB | SOUND SIGNAL SLIDE DOOR SPEAKER LH (+) |
| 5 | LG | SOUND SIGNAL SLIDE DOOR SPEAKER LH (-) |
| 7 | GR | ACC |
| 8 | B | ILLUMINATION CONTROL SIGNAL (-) |
| 9 | P | ILLUMINATION CONTROL SIGNAL (+) |
| 11 | B | SOUND SIGNAL FRONT SPEAKER RH (+) |
| 12 | L | SOUND SIGNAL FRONT SPEAKER RH (-) |
| 13 | P | SOUND SIGNAL SLIDE DOOR SPEAKER RH (+) |
| 14 | L | SOUND SIGNAL SLIDE DOOR SPEAKER RH (-) |
| 19 | Y | BATTERY |

| | |
|----------------|------------|
| Connector No. | M145 |
| Connector Name | AUDIO UNIT |
| Connector Type | TH32FW-NH |

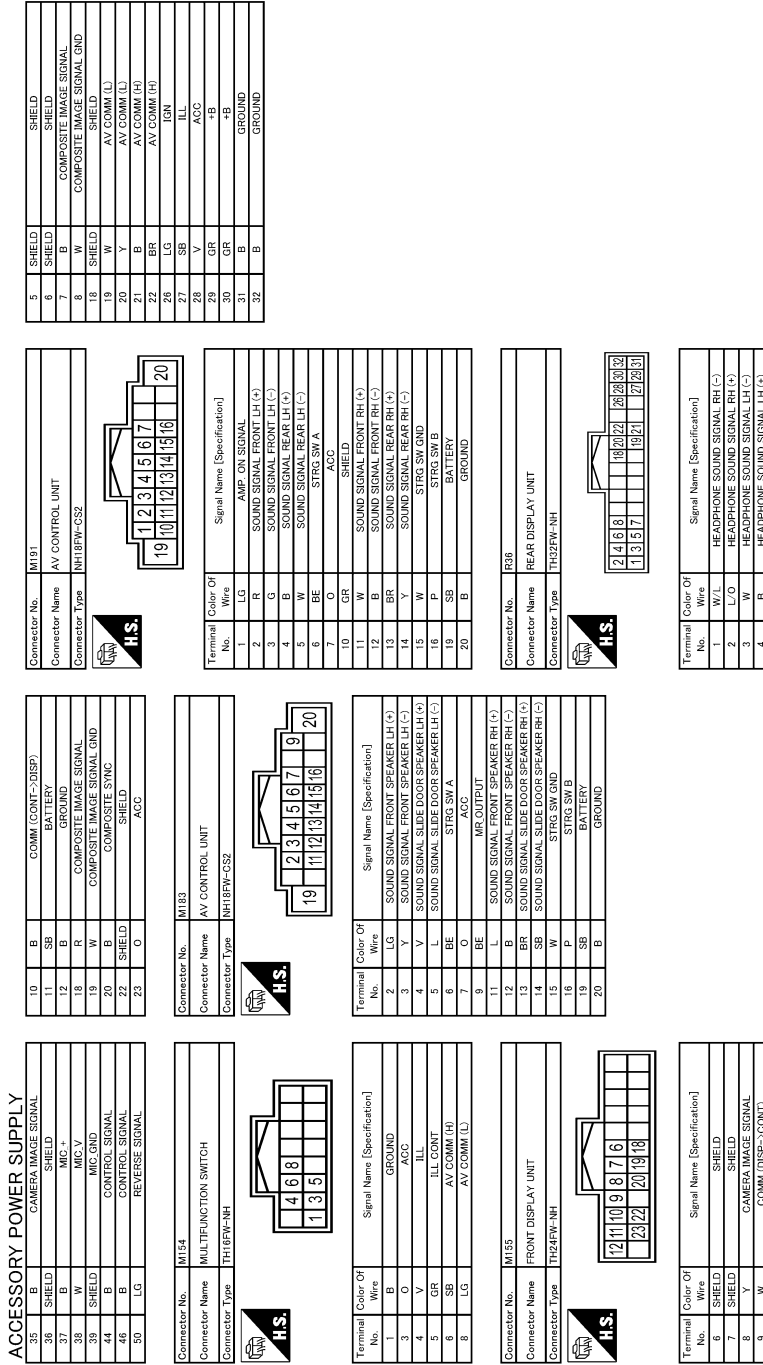


| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 27 | GR | ACC |
| 33 | W | CAMERA GND |
| 34 | R | CAMERA POWER SUPPLY |

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



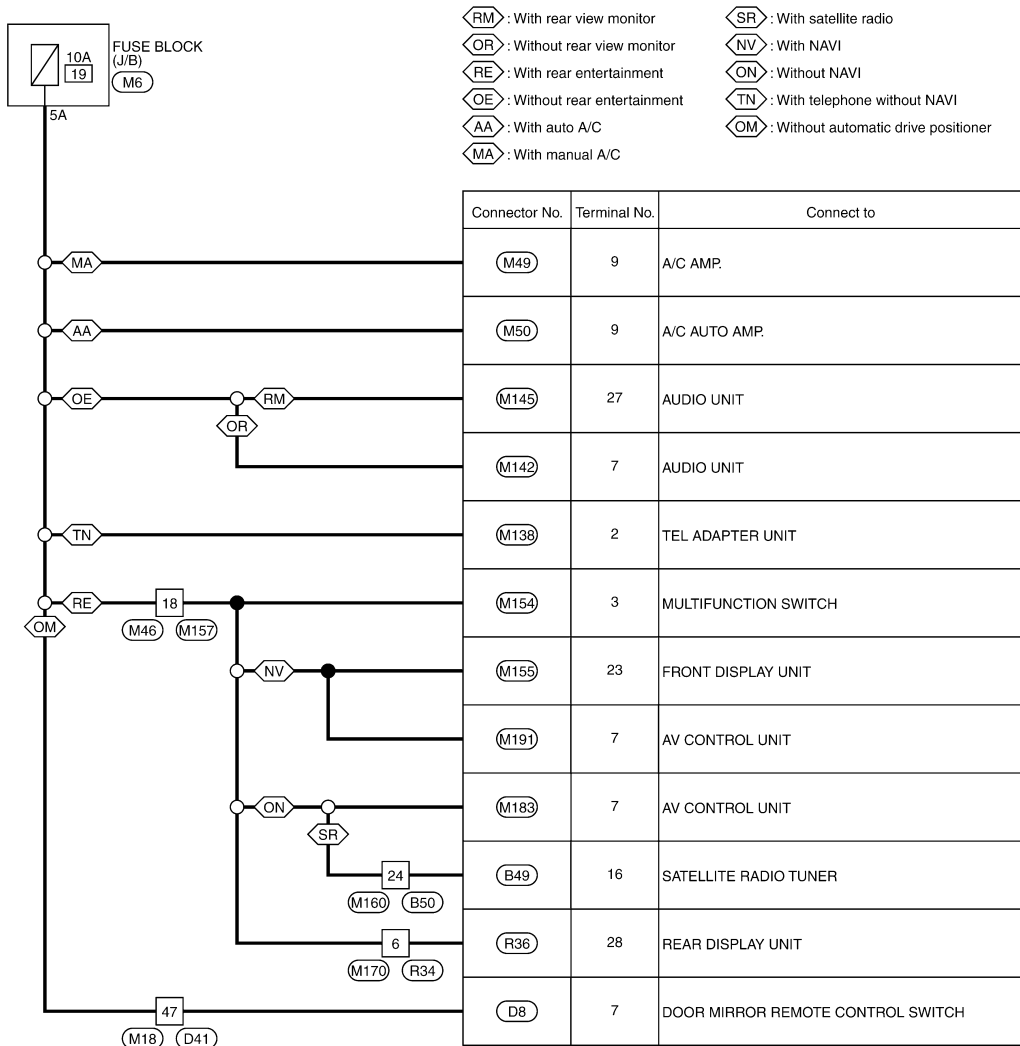
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

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

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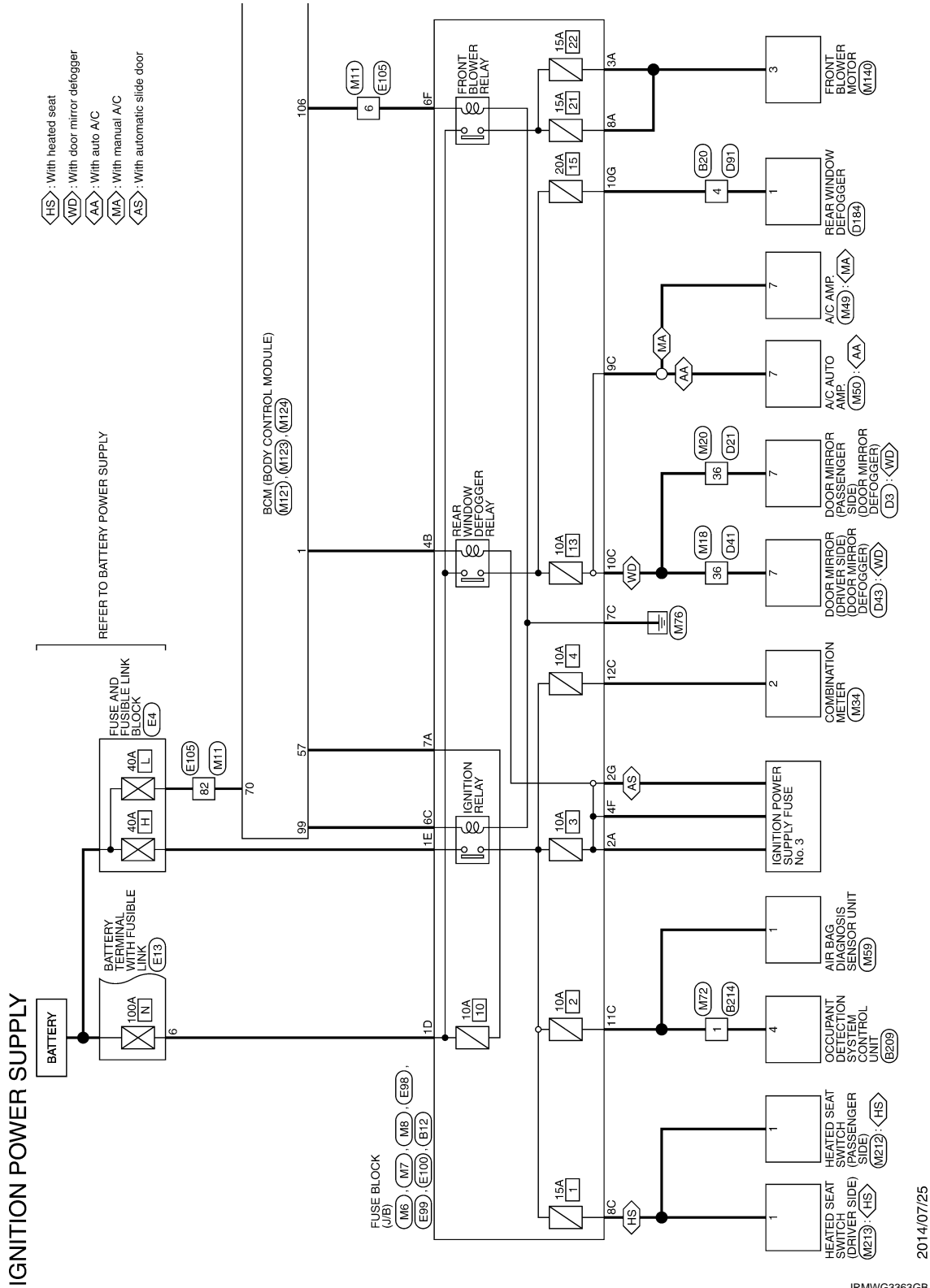
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY -

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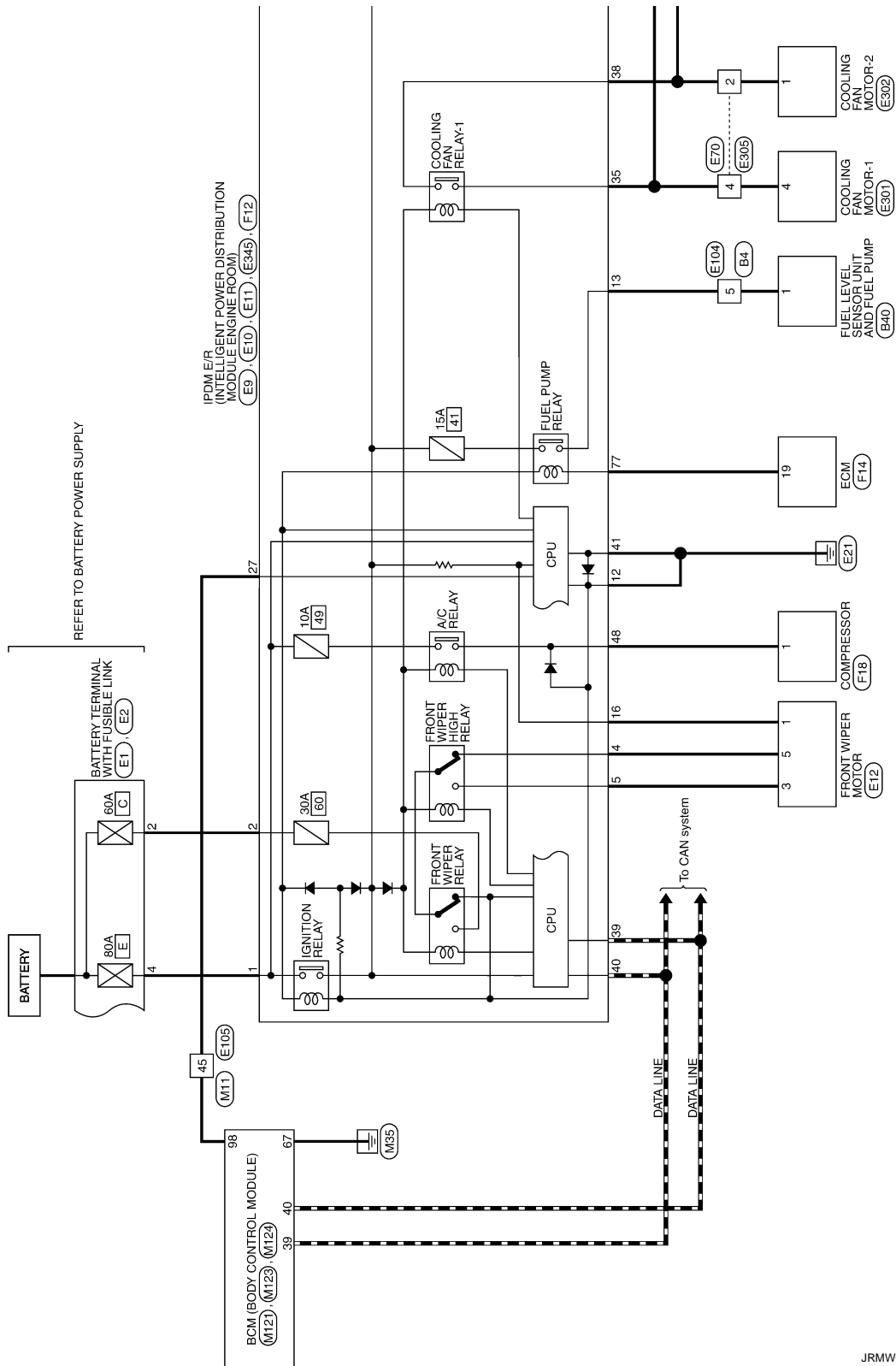


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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

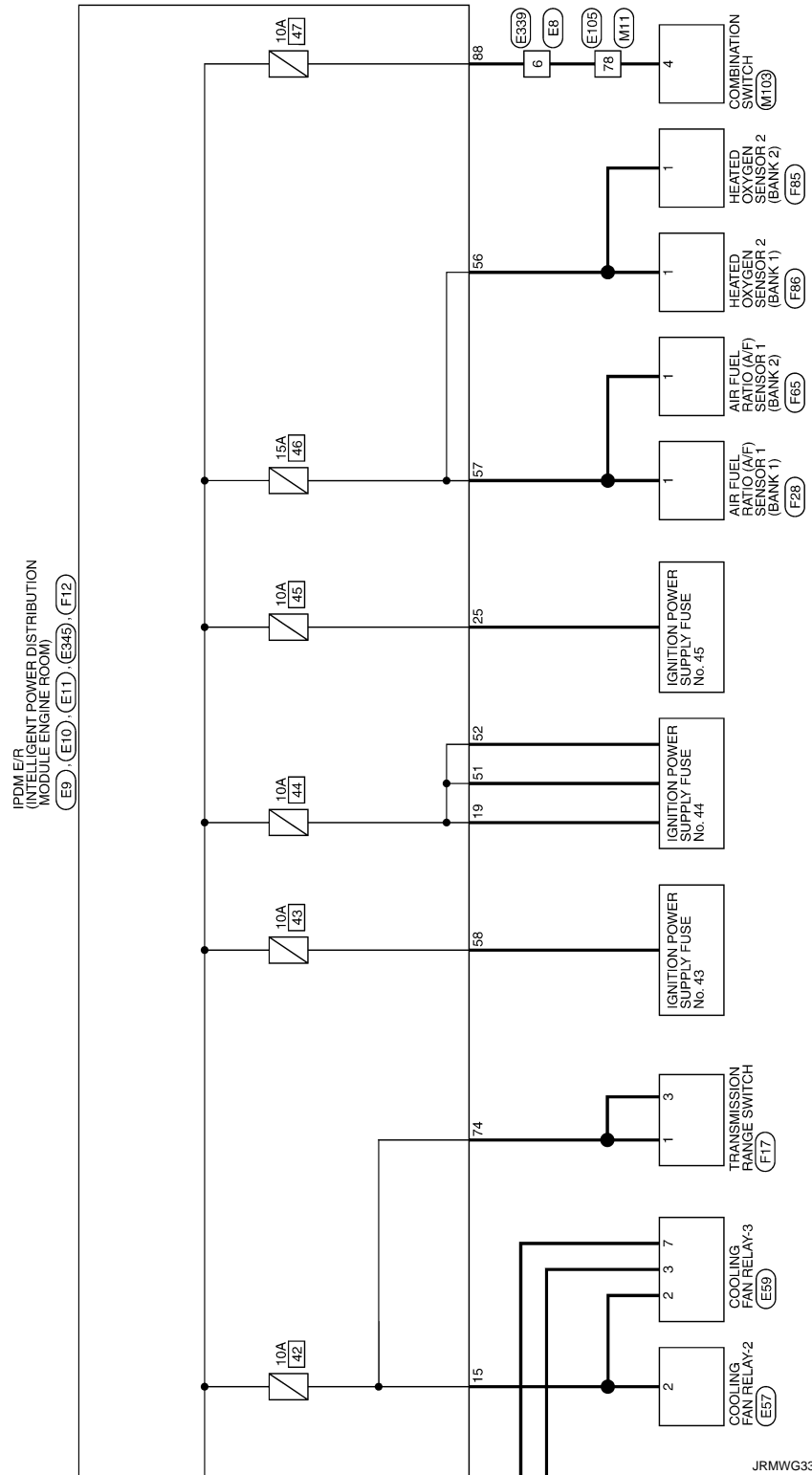


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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >



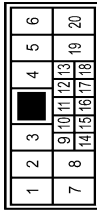
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
|----------------|--------------|
| Connector No. | B4 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NH10M-CSD |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | BR | - |
| 2 | LG | - |
| 3 | LG | - |
| 4 | P | - |
| 5 | L | - |
| 6 | R | - |
| 7 | W | - |
| 8 | B | - |
| 9 | SB | - |
| 10 | L | - |
| 11 | V | - |
| 12 | LG | - |
| 13 | LG | - |
| 14 | LG | - |
| 15 | V | - |
| 16 | O | - |
| 17 | G | - |
| 18 | V | - |
| 19 | G | - |
| 20 | SB | - |

| | |
|----------------|------------------------------------|
| Connector No. | B8 |
| Connector Name | AUTOMATIC BACK DOOR CONTROL MODULE |
| Connector Type | TH20FW-TB8 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | SB | - |
| 2 | BR | - |
| 3 | P | LATCH MFC CLOSE |
| 4 | P | LATCH MFC OPEN |
| 5 | W | INSIDE CLOSE SW |
| 6 | B | BUZZER |
| 7 | P | MAN-FUNG-FLG |
| 8 | B | - |
| 9 | GR | - |
| 10 | L | - |
| 11 | B | - |
| 12 | W | - |
| 13 | W | TOUCH SENS RH |
| 14 | P | TOUCH SENS LHD |
| 15 | GR | - |
| 16 | L | TOUCH SENS LH |
| 17 | L | DRIVER SW |
| 18 | G | WATER SW |
| 19 | G | WATER SW |
| 20 | W | HALE LATCH SW |
| 21 | W | OPEN SW |
| 22 | G | CAN-L |
| 23 | P | CAN-H |
| 24 | L | - |
| 25 | L | - |
| 26 | L | - |

| | |
|----------------|------------------|
| Connector No. | B12 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | NS12FBR-CS |



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

| | |
|----------------|--------------|
| Connector No. | B20 |
| Connector Name | WIRE TO WIRE |
| Connector Type | MOBMW-LC |



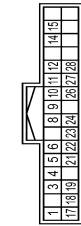
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---------------------------------|
| 1 | L | - [With automatic back door] |
| 2 | V | - [Without automatic back door] |
| 3 | BR | - [With automatic back door] |
| 4 | GR | - [Without automatic back door] |
| 5 | V | - |
| 6 | B | - |

| | |
|----------------|--------------------------------------|
| Connector No. | B40 |
| Connector Name | FUEL LEVEL SENSOR UNIT AND FUEL PUMP |
| Connector Type | ES5FY-RS |



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

| | |
|----------------|------------------------------|
| Connector No. | B45 |
| Connector Name | SLIDING DOOR CONTROL UNIT LH |
| Connector Type | TH32PW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | G | MAIN SW |
| 2 | R | KNOB LOCK |
| 3 | R | A-SIGN |
| 4 | GR | - |
| 5 | L | HALF LATCH |
| 6 | P | IGN |
| 7 | W | BUZZER |
| 8 | P | CAN-L |
| 9 | L | CAN-H |
| 10 | L | ENGINE POWER |
| 11 | L | ENGINE POWER |
| 12 | GR | ELEC B |
| 13 | GR | ONE TOUCH OPEN SW |
| 14 | GR | NEUTRAL SW |
| 15 | R | FUEL LD SW |
| 16 | GR | FUEL LD SW |
| 17 | W | FULL SW |
| 18 | W | FULL SW |

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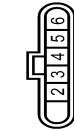
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 19 | C | SOLENOID SW |
| 20 | G | SOLENOID SW |
| 21 | W | HANDLE |
| 22 | B | HANDLE |
| 23 | B | SW GND |
| 24 | G | TOUCH SENS |
| 26 | L | ENCODER GND |
| 27 | B | GD LOGIC |
| 28 | GR | RR DOOR SW |

| | |
|----------------|---------------|
| Connector No. | B57 |
| Connector Name | SIDE RADAR LH |
| Connector Type | AA036FB-WP-5P |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2 | B | GROUND |
| 3 | Y | BSW COMM-L |
| 4 | L | BSW COMM-H |
| 5 | V | IGNITION |
| 6 | W | BSW INDICATOR |

| | |
|----------------|--|
| Connector No. | B209 |
| Connector Name | OCCUPANT DETECTION SYSTEM CONTROL UNIT |
| Connector Type | TH04FW-NH |



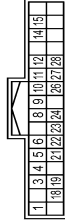
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | K-LINE |
| 2 | GR | GROUND |
| 3 | BR | COMMUNICATION |
| 4 | SB | IGN |

| | |
|----------------|--------------|
| Connector No. | B214 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS12AMBR-CS |



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

| | |
|----------------|------------------------------|
| Connector No. | B247 |
| Connector Name | SLIDING DOOR CONTROL UNIT RH |
| Connector Type | TH32FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | R | MAIN SW |
| 2 | B | KEY-SOCK |
| 5 | G | HALF LATCH |
| 6 | L | IGN |
| 8 | P | BULZER |
| 9 | B | CAN-L |
| 10 | W | CAN-H |
| 11 | G | ENCODER POWER |

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 13 | Y | ELEP B |
| 14 | GR | ONE TOUCH OPEN SW |
| 15 | R | NEUTRAL SW |
| 18 | W | FULL SW |
| 19 | G | DRIVER SW |
| 21 | P | B-SIGN |
| 22 | W | HANDLE |
| 23 | B | SW GND |
| 24 | G | TOUCH SENS |
| 26 | GR | ENCODER GND |
| 27 | GR | GD LOGIC |
| 28 | GR | RR DOOR SW |

| | |
|----------------|---------------|
| Connector No. | B517 |
| Connector Name | SIDE RADAR RH |
| Connector Type | AA036FB-WP-5P |



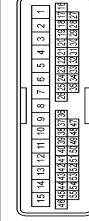
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | B | GROUND |
| 2 | V | BSW COMM-L |
| 4 | L | BSW COMM-H |
| 5 | G | IGNITION |
| 6 | W | BSW INDICATOR |

| | |
|----------------|------------------------------|
| Connector No. | D3 |
| Connector Name | DOOR MIRROR (PASSENGER SIDE) |
| Connector Type | TH24MW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 5 | W | - |
| 6 | R | - |
| 7 | P | - |
| 10 | W | - |
| 11 | G | - |
| 12 | R | - |
| 13 | Y | - |
| 17 | SHIELD | - |
| 18 | B | - |
| 19 | B | - |
| 20 | LG | - |
| 22 | P | - |
| 23 | W | - |
| 24 | GR | - |

| | |
|----------------|--------------|
| Connector No. | D21 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH40FW-DS15 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 7 | B | - |
| 8 | V | - |
| 9 | BR | - [With manual A/C] |
| 9 | W | - [With auto A/C] |
| 10 | LG | - |
| 11 | LG | - |
| 12 | BR | - |
| 14 | B | - [Without EDSE system] |
| 14 | R | - [With EDSE system] |
| 15 | W | - [Without EDSE system] |
| 15 | W | - [With EDSE system] |
| 16 | P | - |
| 17 | GR | - |
| 18 | R | - |
| 19 | W | - |
| 21 | R | - |

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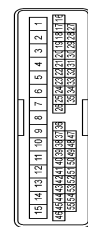
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | | | |
|----|--------|-------------------------|---|
| 22 | B | - | - |
| 23 | W | - | - |
| 24 | SHIELD | - [Without BOSE system] | - |
| 25 | L | - [With BOSE system] | - |
| 26 | W | - | - |
| 27 | L | - | - |
| 28 | P | - | - |
| 29 | G | - | - |
| 30 | W | - | - |
| 31 | LG | - | - |
| 32 | GR | - | - |
| 33 | R | - | - |
| 34 | G | - | - |
| 35 | GR | - | - |
| 36 | W | - | - |
| 37 | W | - | - |
| 38 | W | - | - |
| 39 | LG | - | - |
| 40 | GR | - | - |
| 41 | GR | - | - |
| 42 | G | - | - |
| 43 | R | - | - |
| 44 | G | - | - |
| 45 | GR | - | - |
| 46 | GR | - | - |
| 47 | W | - | - |
| 48 | W | - | - |
| 49 | G | - | - |
| 50 | SHIELD | - | - |
| 51 | W | - | - |
| 52 | B | - | - |
| 53 | SHIELD | - | - |
| 54 | B | - | - |
| 55 | W | - | - |

| | |
|----------------|--------------|
| Connector No. | D41 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH4PW-CS13 |



| | | |
|--------------|---------------|-----------------------------|
| Terminal No. | Color Of Wire | Signal Name [Specification] |
| 1 | B | - |
| 2 | V | - |
| 3 | SB | - |
| 4 | Y | - |
| 5 | BR | - |
| 6 | L | - |
| 7 | Y | - |
| 8 | GR | - |
| 9 | G | - [With manual A/C] |
| 10 | R | - [With auto A/C] |
| 11 | BR | - |
| 12 | LG | - |

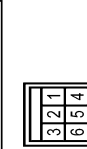
| | | | |
|----|--------|--|---|
| 13 | W | - | - |
| 14 | L | - [Without BOSE system] | - |
| 15 | W | - [With BOSE system] | - |
| 16 | G | - | - |
| 17 | R | - | - |
| 18 | G | - | - |
| 19 | P | - | - |
| 20 | W | - | - |
| 21 | GR | - | - |
| 22 | P | - | - |
| 23 | R | - | - |
| 24 | B | - | - |
| 25 | W | - | - |
| 26 | SHIELD | - | - |
| 27 | R | - | - |
| 28 | G | - | - |
| 29 | GR | - | - |
| 30 | P | - | - |
| 31 | W | - | - |
| 32 | G | - | - |
| 33 | P | - | - |
| 34 | W | - | - |
| 35 | G | - | - |
| 36 | P | - | - |
| 37 | G | - | - |
| 38 | W | - | - |
| 39 | LG | - | - |
| 40 | GR | - | - |
| 41 | GR | - | - |
| 42 | G | - | - |
| 43 | R | - | - |
| 44 | B | - | - |
| 45 | Y | - [Without around view monitor] | - |
| 46 | GR | - [With around view monitor] | - |
| 47 | GR | - [With around view monitor] | - |
| 48 | B | - | - |
| 49 | R | - | - |
| 50 | G | - [With automatic drive positioner] | - |
| 51 | W | - [Without automatic drive positioner] | - |
| 52 | R | - [With automatic drive positioner] | - |
| 53 | W | - [Without automatic drive positioner] | - |
| 54 | SHIELD | - | - |
| 55 | B | - | - |
| 56 | W | - | - |

| | |
|----------------|---------------------------|
| Connector No. | D43 |
| Connector Name | DOOR MIRROR (DRIVER SIDE) |
| Connector Type | TH24MW-NH |



| | | |
|--------------|---------------|-----------------------------|
| Terminal No. | Color Of Wire | Signal Name [Specification] |
| 1 | L | - |
| 2 | L | - |
| 3 | R | - |
| 4 | P | - |
| 5 | P | - |
| 6 | P | - |
| 7 | P | - |
| 8 | P | - |
| 9 | P | - |
| 10 | G | - |
| 11 | GR | - |
| 12 | P | - |
| 13 | Y | - |
| 14 | SHIELD | - |
| 15 | B | - |
| 16 | B | - |
| 17 | SHIELD | - |
| 18 | B | - |
| 19 | B | - |
| 20 | LG | - |
| 21 | P | - |
| 22 | R | - |
| 23 | W | - |
| 24 | G | - |

| | |
|----------------|--------------|
| Connector No. | D91 |
| Connector Name | WIRE TO WIRE |
| Connector Type | M08FW-LC |



| | | |
|--------------|---------------|---------------------------------|
| Terminal No. | Color Of Wire | Signal Name [Specification] |
| 1 | G | - [With automatic back door] |
| 2 | W | - [Without automatic back door] |
| 3 | B/W | - [Without automatic back door] |

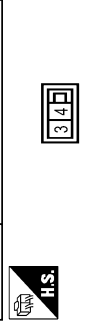
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| 3 | V | - [With automatic back door] |
| 4 | Y | - |
| 5 | R | - |
| 6 | B | - |

| | |
|----------------|----------------------|
| Connector No. | D184 |
| Connector Name | REAR WINDOW DEFOGGER |
| Connector Type | P01FB-A |



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

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



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

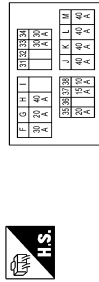
IGNITION POWER SUPPLY

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|----------------|------------------------------------|
| Connector No. | E2 |
| Connector Name | BATTERY TERMINAL WITH FUSEBLE LINK |
| Connector Type | LU2FB-MC-B |



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

| | |
|----------------|-----------------------------|
| Connector No. | E4 |
| Connector Name | FUSE AND FUSEBLE LINK BLOCK |
| Connector Type | Z4381 J390A |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 33 | LG | -- |
| 34 | L | -- |
| 35 | Y | -- |
| 37 | SB | -- |
| 38 | W | -- |
| F | G | -- |
| G | R | -- |
| H | G | -- |
| J | R | -- |
| K | Y | -- |
| L | LG | -- |
| M | BR | -- |

| | |
|----------------|--------------|
| Connector No. | E8 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS12MBR-CS |



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

| | |
|----------------|--------------|
| Connector No. | E8 |
| Connector Name | WIRE TO WIRE |
| Connector Type | LU2FB-MC |



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

| | |
|----------------|------------------|
| Connector No. | E10 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH20PW-CS2-M4-1V |



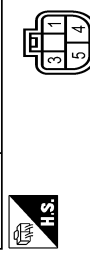
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | LY | -- |
| 5 | LY | -- |
| 6 | G | -- |
| 7 | BR | -- |
| 10 | P | -- |
| 12 | B | -- |
| 13 | G | -- |
| 15 | L | -- |
| 16 | R | -- |
| 18 | P | -- |
| 19 | V | -- |
| 20 | W | -- |
| 21 | O | -- |
| 22 | SB | -- |
| 24 | LG | -- |
| 25 | GR | -- |
| 27 | BR | -- |
| 28 | G | -- |
| 30 | LG | -- |
| 34 | O | -- |
| 35 | P | -- |
| 38 | G | -- |
| 38 | GR | -- |

| | |
|----------------|--------------|
| Connector No. | E11 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH08PW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 39 | P | -- |
| 41 | B | -- |
| 42 | SB | -- |
| 43 | LG | -- |
| 44 | W | -- |
| 45 | Y | -- |
| 46 | O | -- |

| | |
|----------------|-------------------|
| Connector No. | E12 |
| Connector Name | FRONT WIPER MOTOR |
| Connector Type | HS5FGY |



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

JRMWG3369GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
|----------------|------------------------------------|
| Connector No. | E13 |
| Connector Name | BATTERY TERMINAL WITH FUSIBLE LINK |
| Connector Type | L01FB-MC |



| | | | |
|--------------|---|-----------------------------|---|
| Terminal No. | W | Signal Name [Specification] | - |
| 6 | W | - | - |

| | |
|----------------|-----------------|
| Connector No. | E19 |
| Connector Name | ECM |
| Connector Type | PR24FE-R28-L-LH |



| | | |
|--------------|---------------|-------------------------------------|
| Terminal No. | Color Of Wire | Signal Name [Specification] |
| 121 | LG | EVAP CONTROL SYSTEM PRESSURE SENSOR |
| 122 | P | CAN COMMUNICATION LINE (CAN-L) |
| 124 | L | CAN COMMUNICATION LINE (CAN-H) |
| 125 | W | SENSOR POWER SUPPLY |
| 128 | Y | FUEL TANK TEMPERATURE SENSOR |
| 133 | BR | IGNITION SWITCH |
| 134 | Y | ASD2 STEERING SWITCH |
| 135 | BR | SENSOR GROUND |
| 139 | SB | STOP LAMP SWITCH |
| 140 | BR | BRAKE PEDAL POSITION SWITCH |
| 141 | V | EVAP CONDENSER VENT CONTROL VALVE |
| 142 | GR | SENSOR POWER SUPPLY |
| 143 | GR | SENSOR POWER SUPPLY |
| 144 | O | ACCELERATION SENSOR 2 |
| 145 | O | SENSOR GROUND |
| 146 | P | POWER SUPPLY FOR ECM |
| 147 | B | SENSOR POWER SUPPLY |
| 148 | V | ECM GROUND |
| 149 | B | SENSOR GROUND |
| | | ECM GROUND |

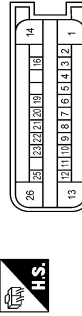
| | | |
|-----|---|-------------------------------------|
| 150 | W | ACCELERATOR PEDAL POSITION SENSOR 1 |
| 151 | W | SENSOR GROUND |
| 152 | B | ECM GROUND |

| | |
|----------------|-------------------------------|
| Connector No. | E34 |
| Connector Name | POWER STEERING CONTROL MODULE |
| Connector Type | FEA04FE-FM4Z-LC |



| | | |
|--------------|---------------|-----------------------------|
| Terminal No. | Color Of Wire | Signal Name [Specification] |
| 5 | Y | IGN |
| 7 | P | CAN-L |
| 8 | L | CAN-H |

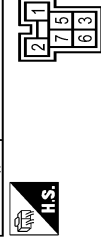
| | |
|----------------|---|
| Connector No. | E56 |
| Connector Name | ABS ACTUATOR AND ELECTRIC UNIT (CONTROL UNIT) |
| Connector Type | AE22FE-AJ2Z-LH |



| | | |
|--------------|---------------|---------------------------------|
| Terminal No. | Color Of Wire | Signal Name [Specification] |
| 1 | R | VALVE BATTERY |
| 2 | Y | RR LH WHEEL SENSOR SIGNAL |
| 3 | L | RR LH WHEEL SENSOR POWER SUPPLY |
| 4 | G | G SENSOR POWER SUPPLY |
| 5 | B | FR RH WHEEL SENSOR POWER SUPPLY |
| 6 | B | FR RH WHEEL SENSOR SIGNAL |
| 7 | V | BRAKE FLUID LEVEL SWITCH SIGNAL |
| 8 | LG | FR LH WHEEL SENSOR SIGNAL |
| 9 | L | FR LH WHEEL SENSOR POWER SUPPLY |
| 10 | B | G SENSOR GND |
| 11 | V | RR RH WHEEL SENSOR POWER SUPPLY |
| 12 | P | RR RH WHEEL SENSORE SIGNAL |

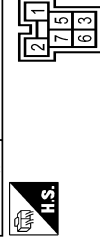
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|----|----|-------------------------|
| 13 | B | GROUND |
| 14 | B | MO COIL PRIMARY |
| 15 | SB | STOP LAMP SWITCH SIGNAL |
| 16 | O | G SENSOR SIGNAL (C) |
| 18 | Y | IGN |
| 20 | GR | CAN-L |
| 21 | P | CAN-L |
| 22 | BR | VDC OFF SWITCH SIGNAL |
| 23 | L | CAN-H |
| 25 | O | G SENSOR SIGNAL (C) |
| 26 | B | GROUND |

| | |
|----------------|---------------------|
| Connector No. | E57 |
| Connector Name | COOLING FAN RELAY-2 |
| Connector Type | IMB0FER-R-LC |



| | | |
|--------------|---------------|-----------------------------|
| Terminal No. | Color Of Wire | Signal Name [Specification] |
| 1 | SB | - |
| 2 | L | - |
| 3 | L | - |
| 4 | L | - |
| 5 | L | - |
| 6 | B | - |
| 7 | LG | - |

| | |
|----------------|---------------------|
| Connector No. | E59 |
| Connector Name | COOLING FAN RELAY-3 |
| Connector Type | IMB0FER-R-LC |



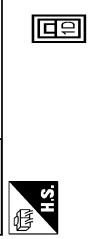
| | | |
|--------------|---------------|-----------------------------|
| Terminal No. | Color Of Wire | Signal Name [Specification] |
| 1 | LG | - |
| 2 | GR | - |
| 3 | BR | - |
| 4 | P | - |
| 5 | L | - |

| | |
|----------------|--------------|
| Connector No. | E70 |
| Connector Name | WIRE TO WIRE |
| Connector Type | IMB0MW-LC |



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

| | |
|----------------|------------------|
| Connector No. | E88 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | L01FW-MC |



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

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
|----------------|------------------|
| Connector No. | E09 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | M02FB-LC |



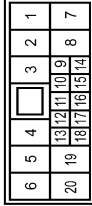
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1E | G | |

| | |
|----------------|------------------|
| Connector No. | E100 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | NS18FW-CS |



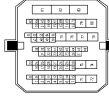
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 11F | G | |
| 12F | V | |
| TF | SB | |
| 2F | R | |
| 4F | L | |
| 6F | LG | |
| 8F | P | |
| 9F | BR | |

| | |
|----------------|--------------|
| Connector No. | E104 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NI10FW-CS10 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | SHIELD | |
| 2 | GR | |
| 3 | BR | |
| 4 | L | |
| 5 | R | |
| 6 | LG | |
| 7 | G | |
| 8 | R | |
| 9 | Y | |
| 10 | L | |
| 11 | P | |
| 12 | V | |
| 14 | LG | |
| 15 | W | |
| 16 | Y | |
| 17 | W | |
| 18 | GR | |
| 19 | SB | |
| 20 | V | |

| | |
|----------------|-----------------|
| Connector No. | E105 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TI170MW-CS10-M3 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | SHIELD | |
| 2 | W | |
| 3 | B | |
| 4 | R | |
| 6 | LG | |
| 7 | R | |
| 8 | GR | |
| 9 | V | |
| 10 | BR | |
| 11 | Y | |
| 12 | O | |
| 13 | W | |
| 14 | P | |
| 15 | B | |
| 31 | GR | |
| 32 | V | |
| 37 | BR | |
| 38 | G | |
| 39 | V | |
| 40 | P | |
| 41 | L | |
| 42 | LG | |
| 43 | O | |
| 45 | P | |
| 46 | SB | |
| 47 | Y | |
| 48 | W | |
| 51 | BR | |
| 52 | G | |
| 53 | B | |
| 54 | O | |
| 55 | Y | |
| 56 | SHIELD | |
| 61 | P | |
| 62 | G | |
| 63 | W/L | |
| 64 | W/R | |
| 66 | W | |
| 67 | Y | |
| 68 | R | |
| 72 | L | |
| 73 | GR | |
| 74 | Y | |
| 75 | SB | |
| 76 | Y | |
| 77 | G | |
| 78 | O | |

| | | |
|----|----|--|
| 80 | R | |
| 81 | L | |
| 82 | LG | |
| 83 | R | |

| | |
|----------------|-----------------------------|
| Connector No. | E109 |
| Connector Name | BRAKE PEDAL POSITION SWITCH |
| Connector Type | M02FBR-LC |



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

| | |
|----------------|------------------|
| Connector No. | E115 |
| Connector Name | STOP LAMP SWITCH |
| Connector Type | M02FBR-LC |



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

JRMWG3371GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
|----------------|---------------------|
| Connector No. | E301 |
| Connector Name | COOLING FAN MOTOR-1 |
| Connector Type | RS4FCY-PR |



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

| | |
|----------------|---------------------|
| Connector No. | E302 |
| Connector Name | COOLING FAN MOTOR-2 |
| Connector Type | RS4FCY-PR |



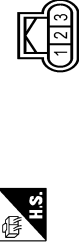
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | R | - |
| 2 | G | - |
| 3 | B/Y | - |
| 4 | B/W | - |

| | |
|----------------|--------------|
| Connector No. | E305 |
| Connector Name | WIRE TO WIRE |
| Connector Type | MB9FW-LC |



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

| | |
|----------------|------------------------------------|
| Connector No. | E315 |
| Connector Name | CONNECTOR OUTLET (OPERATOR'S SEAT) |
| Connector Type | RH03FB |



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

| | |
|----------------|--------------|
| Connector No. | E329 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS12FBR-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 1 | G | - |
| 2 | P | - |
| 3 | B | - |
| 4 | LG | - |
| 5 | L | - |
| 6 | BR | - |
| 7 | P | - |
| 8 | G | - |
| 9 | W | - |
| 10 | GR | - |
| 11 | Y | - [Without automatic drive positioner] |
| 11 | Y | - [With automatic drive positioner] |
| 12 | G | - |

| | |
|----------------|---|
| Connector No. | E345 |
| Connector Name | SMART INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM) |
| Connector Type | NS98FW-GS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 84 | L | - |
| 85 | L | - |
| 86 | BS | - |
| 87 | Y | - |
| 88 | BR | - |
| 89 | V | - |
| 90 | G | - |

| | |
|----------------|--|
| Connector No. | F11 |
| Connector Name | ENGINE CONTROLLED ENGINE ROYAL CONTROL SOLUEND VALVE |
| Connector Type | E020FBR-RS |



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

| | |
|----------------|---|
| Connector No. | F12 |
| Connector Name | SMART INTELLIGENT POWER DISTRIBUTION MODULE (ENGINE ROOM) |
| Connector Type | TH20FW-CS12-M4 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 48 | W | - |
| 49 | R/B | - |
| 51 | LG | - |
| 52 | Y/G | - |
| 53 | R/W | - |
| 54 | G/W | - |
| 55 | W/L | - |
| 56 | R/Y | - |
| 57 | O | - |
| 58 | Y | - |
| 59 | W/B | - |
| 60 | L | - |
| 71 | O | - |
| 72 | R/B | - |
| 74 | LG | - |
| 75 | LG | - |
| 76 | GR | - |
| 77 | B | - |

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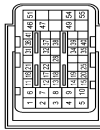
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
|----------------|------------------|
| Connector No. | F14 |
| Connector Name | ECM |
| Connector Type | MAE35FB-ME920-LH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---|
| 1 | P | THROTTLE CONTROL MOTOR (CLOSE) |
| 2 | G/W | THROTTLE CONTROL MOTOR POWER SUPPLY |
| 3 | L | THROTTLE CONTROL MOTOR (OPEN) |
| 4 | GR | SENSOR GROUND |
| 5 | B | KNOCK SENSOR (BANK 1) |
| 6 | BR/Y | A/F SENSOR 1 HEATER (BANK 1) |
| 7 | P/B | HEATED OXYGEN SENSOR 2 HEATER (BANK 1) |
| 8 | O | THROTTLE CONTROL MOTOR RELAY |
| 9 | W | CRK2 |
| 10 | B | ECM GROUND |
| 11 | L/W | FUEL INJECTOR No. 5 |
| 12 | LG/R | FUEL INJECTOR No. 6 |
| 13 | LG | ENGINE OIL TEMPERATURE SENSOR |
| 14 | LG | ENGINE OIL PRESSURE SENSOR |
| 15 | B | SENSOR GROUND |
| 16 | R/W | FUEL INJECTOR No. 2 |
| 17 | R/B | FUEL INJECTOR No. 1 |
| 18 | Y | SENSOR POWER SUPPLY |
| 19 | B | FUEL PUMP RELAY |
| 20 | R | REFRIGERANT PRESSURE SENSOR |
| 21 | P/B | FUEL INJECTOR No. 3 |
| 22 | R/Y | FUEL INJECTOR No. 4 |
| 23 | G | SENSOR GROUND |
| 24 | BR | SENSOR POWER SUPPLY |
| 25 | Y | ENGINE COOLANT TEMPERATURE SENSOR |
| 26 | W | INTAKE AIR TEMPERATURE SENSOR 2 |
| 27 | L/Y | INTAKE AIR TEMPERATURE SENSOR |
| 28 | B | SENSOR GROUND |
| 29 | W/B | CRANKSHAFT POSITION SENSOR |
| 30 | GR | EXHAUST VALVE TRIMMING CONTROL POSITION SENSOR (BANK 1) |
| 31 | O | MASS AIR FLOW SENSOR |
| 32 | LG | EXHAUST VALVE TRIMMING CONTROL POSITION SENSOR (BANK 2) |
| 33 | LG | SENSOR GROUND |

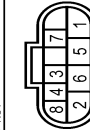
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| 41 | W | HEATED OXYGEN SENSOR 2 (BANK 1) |
| 42 | SB | A/F SENSOR 1 HEATER (BANK 2) |
| 43 | R | HEATED OXYGEN SENSOR 2 HEATER (BANK 2) |
| 44 | BR/W | ELECTRONIC CONTROL VALVE (ELECTRONIC CONTROL VALVE) |
| 45 | L | SENSOR POWER SUPPLY |
| 46 | P/L | CRANK POSITION SENSOR (CRANK POSITION SENSOR) |
| 47 | B/Y | ECM GROUND |

| | |
|----------------|----------------------|
| Connector No. | F16 |
| Connector Name | PRIMARY SPEED SENSOR |
| Connector Type | RK03FB |



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

| | |
|----------------|---------------------------|
| Connector No. | F17 |
| Connector Name | TRANSMISSION RANGE SWITCH |
| Connector Type | YDX08FB-HS4 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | R | - |
| 2 | B | - |
| 3 | LG | - |
| 4 | BR/W | - |
| 5 | P/B | - |
| 6 | P/L | - |
| 7 | G/O | - |
| 8 | GR | - |

| | |
|----------------|------------|
| Connector No. | F18 |
| Connector Name | COMPRESSOR |
| Connector Type | RH02FB |



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

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



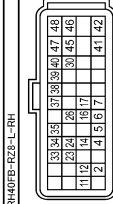
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | B | - |
| 2 | LG/R | - |
| 3 | Y | - |

| | |
|----------------|--------------------|
| Connector No. | F21 |
| Connector Name | INPUT SPEED SENSOR |
| Connector Type | RK03FB |



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

| | |
|----------------|-----------------|
| Connector No. | F23 |
| Connector Name | TCM |
| Connector Type | RH40FB-R28-L-RH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------|
| 2 | GR | L RANGE SW |
| 4 | G/O | D RANGE SW |
| 5 | P/L | N RANGE SW |
| 6 | P/B | R RANGE SW |
| 7 | BR/W | P RANGE SW |
| 11 | W/R | SENSOR GROUND |
| 12 | Y | CVT FLUID TEMPERATURE SENSOR |
| 14 | W | G SENSOR |
| 15 | V/Y | SECONDARY PRESSURE SENSOR |
| 16 | G | PRIMARY PRESSURE SENSOR |
| 23 | B | CAN |
| 24 | BR | INPUT SPEED SENSOR |
| 26 | L/O | SENSOR POWER |
| 30 | R/Y | LINE PRESSURE SOLENOID VALVE |
| 33 | L | CAN-H |
| 34 | LG/R | OUTPUT SPEED SENSOR |
| 35 | LG | PRIMARY SPEED SENSOR |

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | | |
|----|-----|-----------------------------------|
| 37 | L/W | SELECT SOLENOID VALVE |
| 38 | W/B | SOLENOID VALVE |
| 39 | W/B | SECONDARY PRESSURE SOLENOID VALVE |
| 40 | B/R | PRIMARY PRESSURE SOLENOID VALVE |
| 41 | B | GROUND |
| 42 | B | GROUND |
| 45 | LG | BATTERY POWER SUPPLY |
| 46 | LG | BATTERY POWER SUPPLY |
| 47 | Y | IGNITION POWER SUPPLY |
| 48 | Y | IGNITION POWER SUPPLY |

| | |
|----------------|--|
| Connector No. | F28 |
| Connector Name | AIR FUEL RATIO (A/F) SENSOR 1 (BANK 1) |
| Connector Type | RH04FDGY-P |



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

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



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

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



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

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



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

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



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

| | |
|----------------|---------------------|
| Connector No. | F41 |
| Connector Name | FUEL INJECTOR No. 5 |
| Connector Type | HS02FGY |



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

| | |
|----------------|---------------------|
| Connector No. | F42 |
| Connector Name | FUEL INJECTOR No. 6 |
| Connector Type | HS02FGY |



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

| | |
|----------------|--|
| Connector No. | F65 |
| Connector Name | AIR FUEL RATIO (A/F) SENSOR 1 (BANK 2) |
| Connector Type | RH04FDGY-P |



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

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JRMWG3374GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
|----------------|---------------------------------|
| Connector No. | F35 |
| Connector Name | HEATED OXYGEN SENSOR 2 (BANK 2) |
| Connector Type | RH04EDGY-P |



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

| | |
|----------------|---------------------------------|
| Connector No. | F36 |
| Connector Name | HEATED OXYGEN SENSOR 2 (BANK 1) |
| Connector Type | RH04EDGY-P |



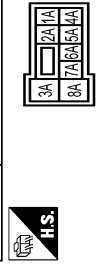
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | R/Y | -- |
| 2 | P/B | -- |
| 3 | W | -- |
| 4 | B | -- |

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



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | CG | -- |
| 2 | GR | -- |
| 3 | L | -- |
| 4 | R | -- |
| 5 | G | -- |
| 6 | SB | -- |
| 7 | P | -- |
| 8 | B | -- |
| 9 | W | -- |
| 10 | Y | -- |
| 11 | GR | -- |
| 12 | L | -- |
| 13 | R | -- |
| 14 | G | -- |
| 15 | SB | -- |
| 16 | P | -- |

| | |
|----------------|------------------|
| Connector No. | M5 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | CS06FPW-M2 |



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

| | |
|----------------|------------------|
| Connector No. | M7 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | NS10PW-GS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | W | -- |
| 2 | W | -- |
| 3 | BR | -- |
| 4 | O | -- |
| 5 | R/L | -- |
| 6 | GR | -- |
| 7 | GR | -- |

| | |
|----------------|------------------|
| Connector No. | M8 |
| Connector Name | FUSE BLOCK (J/B) |
| Connector Type | NS12PW-GS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 10C | LG | -- |
| 11C | V | -- |
| 12C | Y | -- |
| 6C | GR | -- |
| 7C | GR | -- |
| 8C | G | -- |
| 9C | Y | -- |

| | |
|----------------|----------------|
| Connector No. | M11 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH70FM-C51C-M3 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---|
| 1 | SHIELD | -- |
| 2 | B | -- |
| 3 | B | -- |
| 4 | R | -- |
| 5 | G | -- |
| 6 | R | -- |
| 7 | R | -- |
| 8 | G | -- |
| 9 | B | -- |
| 10 | R | -- |
| 11 | W | -- |
| 12 | L | -- [Without automatic drive positioner] |
| 13 | LG | -- [With automatic drive positioner] |
| 14 | G | -- [Without automatic drive positioner] |
| 15 | Y | -- [With automatic drive positioner] |
| 16 | P | -- |
| 17 | P | -- |
| 18 | P | -- |
| 19 | P | -- |
| 20 | P | -- |
| 21 | P | -- |
| 22 | P | -- |
| 23 | P | -- |
| 24 | P | -- |
| 25 | P | -- |
| 26 | P | -- |
| 27 | P | -- |
| 28 | P | -- |
| 29 | P | -- |
| 30 | P | -- |
| 31 | P | -- |
| 32 | LG | -- |
| 33 | BR | -- [With automatic drive positioner] |
| 34 | W | -- [Without automatic drive positioner] |
| 35 | R | -- [Without automatic drive positioner] |
| 36 | BE | -- [Without automatic drive positioner] |
| 37 | Y | -- [With automatic drive positioner] |
| 38 | P | -- |
| 39 | P | -- |
| 40 | P | -- |
| 41 | L | -- |
| 42 | G | -- |
| 43 | W | -- |
| 44 | P | -- |
| 45 | P | -- |
| 46 | P | -- |
| 47 | P | -- |
| 48 | P | -- |
| 49 | P | -- |
| 50 | P | -- |
| 51 | G | -- |
| 52 | W | -- |
| 53 | B | -- |
| 54 | LG | -- |
| 55 | L | -- |

POWER SUPPLY ROUTING CIRCUIT

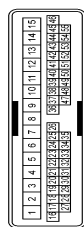
< WIRING DIAGRAM >

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IGNITION POWER SUPPLY

| | | |
|-----|--------|-------------------------|
| 86 | SHIELD | - |
| 87 | R | - [With BOSE system] |
| 88 | R | - [Without BOSE system] |
| 89 | Y | - |
| 90 | B | - |
| 91 | W | - |
| 92 | BE | - |
| 93 | W | - |
| 94 | W | - |
| 95 | BR | - |
| 96 | P | - |
| 97 | R | - |
| 98 | L | - |
| 99 | LG | - |
| 100 | Y | - |
| 101 | V | - |
| 102 | P | - |
| 103 | BR | - |
| 104 | Y | - |
| 105 | W | - |
| 106 | L | - |
| 107 | R | - |

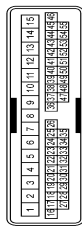
| | |
|----------------|--------------|
| Connector No. | M18 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH40MW-GS15 |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | B | - |
| 2 | R | - |
| 3 | W | - |
| 4 | Y | - |
| 5 | SB | - |
| 6 | LG | - |
| 7 | V | - |
| 8 | L | - |
| 9 | GR | - |
| 10 | Y | - |
| 11 | V | - |
| 12 | G | - |
| 13 | G | - |
| 14 | B | - [Without BOSE system] |

| | | |
|----|--------|--|
| 14 | R | - [With BOSE system] |
| 15 | R | - [Without BOSE system] |
| 16 | W | - |
| 17 | BE | - |
| 18 | P | - |
| 19 | W | - |
| 20 | LG | - |
| 21 | P | - |
| 22 | G | - |
| 23 | R | - |
| 24 | B | - |
| 25 | W | - |
| 26 | SHIELD | - |
| 27 | V | - |
| 28 | G | - |
| 29 | W | - |
| 30 | R | - |
| 31 | W | - |
| 32 | G | - |
| 33 | BE | - |
| 34 | P | - |
| 35 | W | - |
| 36 | LG | - |
| 37 | W | - |
| 38 | P | - |
| 39 | V | - |
| 40 | R | - |
| 41 | B | - |
| 42 | R | - |
| 43 | G | - |
| 44 | B | - |
| 45 | B | - [With around view monitor] |
| 46 | GR | - [Without around view monitor] |
| 47 | GR | - [With around view monitor] |
| 48 | GR | - |
| 49 | P | - [Without automatic drive positioner] |
| 50 | GR | - [With automatic drive positioner] |
| 51 | W | - [Without automatic drive positioner] |
| 52 | GR | - [With automatic drive positioner] |
| 53 | SHIELD | - |
| 54 | W | - |
| 55 | B | - |

| | |
|----------------|--------------|
| Connector No. | M20 |
| Connector Name | WIRE TO WIRE |
| Connector Type | TH40MW-GS15 |



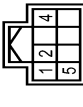
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 7 | B | - |
| 8 | Y | - [With manual A/C] |
| 9 | GR | - [With auto A/C] |
| 9 | LG | - [With manual A/C] |
| 10 | V | - |
| 11 | SB | - |
| 12 | V | - |
| 14 | L | - |
| 15 | B | - [Without BOSE system] |
| 15 | LG | - [With BOSE system] |
| 16 | G | - |
| 17 | P | - |
| 18 | R | - |
| 19 | LG | - |
| 20 | B | - |
| 22 | B | - |
| 23 | W | - |
| 24 | SHIELD | - |
| 25 | B | - |
| 26 | W | - |
| 35 | LG | - |
| 37 | W | - |
| 38 | P | - |
| 39 | Y | - |
| 40 | B | - |
| 41 | GR | - |
| 42 | BE | - |
| 43 | R | - |
| 44 | GR | - |
| 50 | W | - |
| 51 | B | - |
| 52 | GR | - |
| 53 | SHIELD | - |
| 54 | W | - |
| 55 | SHIELD | - |
| 54 | W | - |

| | |
|----------------|----------------------------|
| Connector No. | M24 |
| Connector Name | AC 120V OUTLET MAIN SWITCH |
| Connector Type | TK10FW |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 2 | G | - |
| 3 | P | - |
| 5 | BR | - |
| 6 | B | - |
| 7 | P | - |
| 8 | B | - |

| | |
|----------------|-----------------------|
| Connector No. | M30 |
| Connector Name | STEERING ANGLE SENSOR |
| Connector Type | TH68FW-NH |



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

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | |
|----------------|-------------------|
| Connector No. | M49 |
| Connector Name | COMBINATION METER |
| Connector Type | TH40FW-NH |



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

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|---|
| 1 | D | BATTERY POWER SUPPLY (With automatic drive position) |
| 2 | G | IGNITION SIGNAL (Without automatic drive position) |
| 3 | Y | IGNITION SIGNAL (With automatic drive position) |
| 4 | B | GROUND |
| 5 | B | ILLUMINATION CONTROL SIGNAL (Without automatic drive position) |
| 6 | B/P | ILLUMINATION CONTROL SIGNAL (With automatic drive position) |
| 8 | G | TRIP RESET SWITCH SIGNAL (Without automatic drive position) |
| 8 | SB | TRIP RESET SWITCH SIGNAL (With automatic drive position) |
| 10 | P | METER CONTROL SWITCH GROUND |
| 11 | G | ENTER SWITCH SIGNAL |
| 12 | BR | SELECT SWITCH SIGNAL (With automatic drive position) |
| 12 | R | SELECT SWITCH SIGNAL (Without automatic drive position) |
| 13 | W | ILLUMINATION CONTROL SWITCH SIGNAL (Without automatic drive position) |
| 13 | W | ILLUMINATION CONTROL SWITCH SIGNAL (With automatic drive position) |
| 14 | G | ILLUMINATION CONTROL SWITCH SIGNAL (Without automatic drive position) |
| 14 | V | ILLUMINATION CONTROL SWITCH SIGNAL (With automatic drive position) |
| 15 | BR | AIR BAG SIGNAL |
| 16 | L | ENGINE COOLANT TEMPERATURE SIGNAL |
| 18 | L | AMBIENT SENSOR SIGNAL (Without automatic drive position) |
| 18 | LG | AMBIENT SENSOR SIGNAL (With automatic drive position) |
| 19 | R | A/C AUTO AMP CONNECTION RECOGNITION SIGNAL |
| 20 | G | AMBIENT SENSOR GROUND (Without automatic drive position) |
| 20 | Y | AMBIENT SENSOR GROUND (With automatic drive position) |
| 21 | L | CAN-L |
| 22 | P | GROUND |
| 23 | B | FUEL LEVEL SENSOR GROUND |
| 24 | BR | ALTERNATOR SIGNAL (Without automatic drive position) |
| 24 | BR | ALTERNATOR SIGNAL (With automatic drive position) |
| 25 | W | ALTERNATOR SIGNAL (Without automatic drive position) |
| 26 | BR | PARKING BRAKE SWITCH SIGNAL |
| 27 | BE | BRAKE FLUID LEVEL SWITCH SIGNAL (Without automatic drive position) |
| 27 | Y | BRAKE FLUID LEVEL SWITCH SIGNAL (With automatic drive position) |
| 28 | V | SECURITY SIGNAL |
| 29 | G | WASHER LEVEL SWITCH SIGNAL |

| | | |
|----|----|--|
| 31 | SB | VEHICLE SPEED SIGNAL (G/PULSE) |
| 32 | P | OVERBRAKE CONTROL SWITCH SIGNAL |
| 34 | O | FUEL LEVEL SENSOR SIGNAL |
| 35 | BR | SEAT BELT SENSOR SIGNAL (Without automatic drive position) |
| 35 | P | SEAT BELT SENSOR SIGNAL (With automatic drive position) |
| 36 | BR | PASSENGER SEAT BELT WARNING SIGNAL |



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

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------------|
| 1 | P | BATTERY POWER SUPPLY |
| 2 | G | IGNITION POWER SUPPLY |
| 4 | SB | DOOR MOTOR POWER SUPPLY |
| 5 | BR | LAN SIGNAL |
| 7 | R | REAR WINDOW DEFOGGER F/B SIGNAL |
| 8 | R | ILLUMINATION POWER SUPPLY |
| 8 | CR | ILLUMINATION POWER SUPPLY |
| 10 | W | FRONT BLOWER MOTOR CONTROL SIGNAL |
| 12 | BE | BLOWER FAN ON SIGNAL |
| 13 | G | A/C ON SIGNAL |
| 13 | G | ENGINE COOLANT TEMPERATURE SIGNAL |
| 21 | B | GROUND |
| 23 | B | GROUND |
| 27 | BE | REAR WINDOW DEFOGGER ON SIGNAL |
| 28 | GR | ILLUMINATION GROUND |
| 30 | R | REAR BLOWER MOTOR CONTROL SIGNAL |
| 32 | G | COMM (A/C AUTO AMP->A/C AUTO AMP) |
| 32 | G | COMM (A/C AUTO AMP->RR A/C CONT) |
| 33 | W | COMM (RR A/C CONT->A/C AUTO AMP) |
| 37 | BE | INTAKE SENSOR SIGNAL |
| 40 | G | SENSOR GROUND |

| | |
|----------------|---------------|
| Connector No. | M50 |
| Connector Name | A/C AUTO AMP. |
| Connector Type | TH40FW-NH |



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

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 1 | B | IGNITION POWER SUPPLY |
| 2 | C | IGNITION POWER SUPPLY |
| 4 | SR | DOOR MOTOR POWER SUPPLY |
| 5 | BR | LAN SIGNAL |
| 7 | R | REAR WINDOW DEFOGGER F/B SIGNAL |
| 8 | P | ILLUMINATION POWER SUPPLY |
| 9 | GR | ACC POWER SUPPLY |
| 10 | W | FRONT BLOWER MOTOR CONTROL SIGNAL |
| 12 | BE | BLOWER FAN ON SIGNAL |
| 13 | G | A/C ON SIGNAL |
| 15 | GR | ENGINE COOLANT TEMPERATURE SIGNAL |
| 17 | G | IONIZER ON/OFF CONTROL SIGNAL |
| 18 | W | SUNLOAD SENSOR SIGNAL |
| 18 | W | FRONT IN-VEHICLE SENSOR SIGNAL |
| 19 | P | A/C AUTO AMP CONNECTION RECOGNITION SIGNAL |
| 21 | B | GROUND |
| 23 | B | GROUND |
| 24 | BE | VEHICLE SPEED SIGNAL |
| 27 | BE | REAR WINDOW DEFOGGER ON SIGNAL |
| 28 | GR | ILLUMINATION GROUND |
| 30 | R | REAR BLOWER MOTOR CONTROL SIGNAL |
| 32 | G | COMM (A/C AUTO AMP->RR A/C CONT) |
| 33 | W | COMM (RR A/C CONT->A/C AUTO AMP) |
| 38 | BE | EXH GAS/OUTSIDE DOOR DETECTING SENSOR SIGNAL |
| 37 | BE | INTAKE SENSOR SIGNAL |
| 38 | GR | REAR IN-VEHICLE SENSOR SIGNAL |
| 39 | L | AMBIENT SENSOR SIGNAL |
| 40 | G | SENSOR GROUND |

| | |
|----------------|-------------------------------|
| Connector No. | M59 |
| Connector Name | AIR BAG DIAGNOSIS SENSOR UNIT |
| Connector Type | NH28FY-EX |



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

| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-------------------------------|
| 1 | GR | GRN |
| 2 | GR | GROUND |
| 3 | LG | DR1 (+) |
| 4 | Y | DR1 (-) DR2 (-) |
| 5 | V | DR2 (+) |
| 6 | V | ASI (+) |
| 7 | LG | ASI (-) |
| 8 | BR | AS2 (+) |
| 9 | Y | AS2 (-) |
| 18 | B | EG2S (+) |
| 19 | W | EG2S (-) |
| 22 | GR | GROUND |
| 23 | R | AIRBAG W/L |
| 24 | LG | SEATBELT W/L |
| 25 | W | GROUND |
| 51 | W | SIDE SENS RH2- |
| 52 | B | GROUND |
| 53 | W | SIDE SENS LH2- |
| 54 | B | SIDE SENS LH2+ |
| 57 | W | DEPLOYMENT INFORMATION OUTPUT |
| 59 | L | CAN-H |
| 60 | P | CAN-L |

JRMWG3377GB

POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

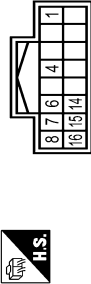
IGNITION POWER SUPPLY

| | |
|----------------|------------|
| Connector No. | M60 |
| Connector Name | BSW SWITCH |
| Connector Type | TH08EL-NH |



| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------|-----------------------------|
| 1 | R | - | - |
| 2 | B | B | IGN |
| 3 | B | G | IGN |
| 4 | B | P | IGN SW OFF |
| 5 | G | - | - |
| 6 | P | - | - |

| | |
|----------------|--------------------|
| Connector No. | M61 |
| Connector Name | BSW CONTROL MODULE |
| Connector Type | TH18FW-NH |



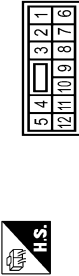
| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------------|-----------------------------|
| 1 | R | SOW SW | SOW SW |
| 4 | P | SOW SW IND | SOW SW IND |
| 6 | B | GNL | GNL |
| 7 | L | BSW COMM-H | BSW COMM-H |
| 8 | Y | BSW COMM-L | BSW COMM-L |
| 14 | L | CAN-L | CAN-L |
| 15 | P | CAN-H | CAN-H |
| 16 | G | IGNITION | IGNITION |

| | |
|----------------|-----------|
| Connector No. | M64 |
| Connector Name | IONIZER |
| Connector Type | TH04FW-NH |



| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------------|-----------------------------|
| 1 | R | IGN | IGN |
| 2 | G | GROUND | GROUND |
| 3 | GR | IGN SW OFF | IGN SW OFF |
| 4 | P | - | - |

| | |
|----------------|--------------|
| Connector No. | M72 |
| Connector Name | WIRE TO WIRE |
| Connector Type | NS1ZFBR-CS |



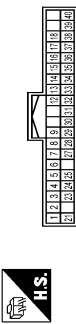
| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------|-----------------------------|
| 1 | BE | - | - |
| 2 | R | - | - |
| 4 | P | - | - |
| 5 | L | - | - |
| 6 | Y | - | - |
| 7 | GR | - | - |
| 8 | P | - | - |
| 9 | SB | - | - |
| 10 | W | - | - |
| 11 | Y | - | - |
| 12 | Y | - | - |

| | |
|----------------|--------------------|
| Connector No. | M103 |
| Connector Name | COMBINATION SWITCH |
| Connector Type | TH18FW-NH |



| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|----------|-----------------------------|
| 1 | R | RR | RR |
| 2 | P | OUT 4 | OUT 4 |
| 3 | B | FCI | FCI |
| 4 | W | IGN | IGN |
| 5 | BE | OUTPUT 3 | OUTPUT 3 |
| 6 | B/Y | GROUND | GROUND |
| 7 | P | INPUT 3 | INPUT 3 |
| 8 | R | OUTPUT 5 | OUTPUT 5 |
| 9 | GR | INPUT 2 | INPUT 2 |
| 10 | W | INPUT 4 | INPUT 4 |
| 11 | R | INPUT 1 | INPUT 1 |
| 12 | W | OUTPUT 1 | OUTPUT 1 |
| 13 | R | INPUT 3 | INPUT 3 |
| 14 | G | OUTPUT 2 | OUTPUT 2 |

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|----------------|---------------------------|
| Connector No. | M121 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | TH40FB-NH |



| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|----------------------------|-----------------------------|
| 2 | R | REAR WINDOW DEF RELAY CONT | REAR WINDOW DEF RELAY CONT |
| 3 | G | COMBI SW INPUT 5 | COMBI SW INPUT 5 |
| 4 | BE | COMBI SW INPUT 4 | COMBI SW INPUT 4 |
| 5 | G | COMBI SW INPUT 2 | COMBI SW INPUT 2 |
| 6 | W | COMBI SW INPUT 1 | COMBI SW INPUT 1 |

| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|-----------------------------|-----------------------------|
| 7 | W | KEY CYL UNLOCK SW | KEY CYL UNLOCK SW |
| 8 | GR | PN SW (PUSH) (C1) | PN SW (PUSH) (C1) |
| 9 | GR | KEY CYL LOCK SW (PUSH) (C1) | KEY CYL LOCK SW (PUSH) (C1) |
| 10 | GR | STOP LAMP SW 1 | STOP LAMP SW 1 |
| 12 | GR | DOOR LK & UNLK SW LOCK | DOOR LK & UNLK SW LOCK |
| 13 | BR | DOOR LK & UNLK SW UNLOCK | DOOR LK & UNLK SW UNLOCK |
| 14 | L | OPTICAL SENS | OPTICAL SENS |
| 15 | W | REAR WINDOW DEF SW | REAR WINDOW DEF SW |
| 16 | Y | DIMMER | DIMMER |
| 17 | O | SENS PWR SPLY | SENS PWR SPLY |
| 18 | R | RECEIV/SENS GND | RECEIV/SENS GND |
| 21 | GR | MATS ANT AMP | MATS ANT AMP |
| 23 | W | SECURITY IND CONT | SECURITY IND CONT |
| 24 | B | DONGLE LINK | DONGLE LINK |
| 25 | P | MATS ANT AMP | MATS ANT AMP |
| 26 | G | BLUETOOTH SW ON | BLUETOOTH SW ON |
| 28 | BP | HAZARD SW | HAZARD SW |
| 29 | BP | HAZARD SW | HAZARD SW |
| 30 | L | BK DOOR OPNR SW | BK DOOR OPNR SW |
| 31 | G | DR DOOR UNLK SENS | DR DOOR UNLK SENS |
| 32 | R | COMBI SW OUTPUT 5 | COMBI SW OUTPUT 5 |
| 33 | W | COMBI SW OUTPUT 4 | COMBI SW OUTPUT 4 |
| 34 | P | COMBI SW OUTPUT 3 | COMBI SW OUTPUT 3 |
| 35 | GR | COMBI SW OUTPUT 2 | COMBI SW OUTPUT 2 |
| 38 | R | COMBI SW OUTPUT 1 | COMBI SW OUTPUT 1 |
| 37 | G | DEFENT SW | DEFENT SW |
| 38 | BE | RECEIVER COMM | RECEIVER COMM |
| 39 | L | CAN-L | CAN-L |
| 40 | P | CAN-H | CAN-H |

| | |
|----------------|---------------------------|
| Connector No. | M123 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | FEA08FW-FH46-SA |



| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|-----------------------|-----------------------------|
| 56 | P | INT ROOM AMP PWR SPLY | INT ROOM AMP PWR SPLY |
| 57 | Y | BAT | BAT |
| 58 | O | AIR BAG | AIR BAG |
| 59 | SB | PASS DOOR UNLK OUTPUT | PASS DOOR UNLK OUTPUT |
| 60 | V | TURN SIG LH OUTPUT | TURN SIG LH OUTPUT |

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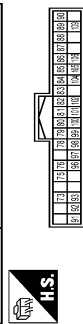
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

| | | |
|----|---|----------------------|
| 62 | G | IGN RELAY OUTPUT |
| 63 | R | IGN RELAY CONT |
| 64 | R | STOP LAMP CONT |
| 65 | R | INT FROM LAMP CONT |
| 66 | W | GRANK REQ |
| 67 | V | ALL DOOR LOCK OUTPUT |
| 68 | G | DR DOOR UNLK OUTPUT |
| 69 | B | GROUND |
| 70 | L | PW PWR SPLY (IGN) |
| 71 | P | PW PWR SPLY (BAT) |
| 72 | L | BAT |

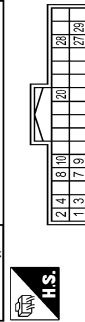
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| Connector No. | M124 |
| Connector Name | BCM (BODY CONTROL MODULE) |
| Connector Type | TH48PW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|------------------------------|
| 73 | G | ON IND |
| 74 | G | DR DOOR REQ SW |
| 75 | V | DR DOOR UNLK SW |
| 76 | B | DR DOOR UNLK SW |
| 77 | W | DR DOOR ANT- |
| 78 | W | DR DOOR ANT- |
| 79 | W | DR DOOR ANT- |
| 80 | GR | PASS DOOR ANT+ |
| 81 | BE | PASS DOOR ANT+ |
| 82 | G | REAR EMFR ANT+ |
| 83 | R | REAR EMFR ANT+ |
| 84 | GR | ROOM ANT1- |
| 85 | B | ROOM ANT1- |
| 86 | W | ROOM ANT2- |
| 87 | BE | ROOM ANT2- |
| 88 | GR | Luggage ROOM ANT+ |
| 89 | B | Luggage ROOM ANT+ |
| 90 | P | PUSH-BTN IGN SW (L) PWR SPLY |
| 91 | W | PUSH-BTN IGN SW (R) PWR SPLY |
| 92 | W | PUSH-BTN IGN SW (L) GND |
| 93 | R | KEY/WARN BUZZER |
| 96 | BE | ACC RELAY CONT OUTPUT |
| 97 | W | STARTER RELAY CONT |
| 98 | P | IGN RELAY (PDM E/R) CONT |
| 99 | G | IGN RELAY (F/B) CONT OUTPUT |
| 100 | R | PASS DOOR REQ SW |

| | | |
|-----|---|-------------------------|
| 101 | R | IGN PWR SPLY 2 |
| 102 | P | IGN POSITION |
| 104 | L | CVT SHIF SELECT SW SPLY |
| 105 | R | STOP LAMP SW 2 |
| 106 | O | BLWR RELAY CONT OUTPUT |
| 109 | R | ACC IND |

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| Connector No. | M138 |
| Connector Name | TEL ADAPTER UNIT |
| Connector Type | TH32FW-NH |



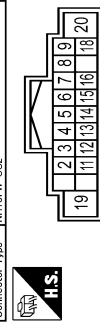
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | Y | BATTERY |
| 2 | GR | ACC |
| 3 | G | IGNITION |
| 4 | GR | GROUND |
| 7 | B | MICROPHONE SIGNAL |
| 8 | SHIELD | MICROPHONE GND |
| 9 | W | CONTROL SIGNAL (-) |
| 10 | GR | CONTROL SIGNAL |
| 20 | GR | CONTROL SIGNAL |
| 27 | GR | VEHICLE SPEED (8-PULSE) |
| 28 | BE | MICROPHONE VCC |
| 29 | W | |

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| Connector No. | M140 |
| Connector Name | FRONT BLOWER MOTOR |
| Connector Type | NS03PW-M3 |



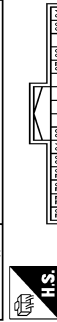
| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | B | |
| 2 | B | |
| 3 | W | |

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| Connector No. | M144 |
| Connector Name | AUDIO UNIT |
| Connector Type | NH18PW-CSZ |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--|
| 2 | Y | SOUND SIGNAL FRONT SPEAKER LH (+) |
| 3 | B | SOUND SIGNAL FRONT SPEAKER LH (-) |
| 4 | SB | SOUND SIGNAL SLIDE DOOR SPEAKER LH (+) |
| 5 | LG | SOUND SIGNAL SLIDE DOOR SPEAKER LH (-) |
| 6 | G | STRG SW A |
| 7 | G | IG |
| 8 | B | ILLUMINATION CONTROL SIGNAL (-) |
| 9 | P | ILLUMINATION CONTROL SIGNAL (+) |
| 11 | B | SOUND SIGNAL FRONT SPEAKER RH (+) |
| 12 | B | SOUND SIGNAL FRONT SPEAKER RH (-) |
| 13 | P | SOUND SIGNAL SLIDE DOOR SPEAKER RH (+) |
| 14 | L | SOUND SIGNAL SLIDE DOOR SPEAKER RH (-) |
| 15 | GR | STRG SW GND |
| 16 | P | STRG SW B |
| 18 | BE | VEHICLE SPEED (8-PULSE) |
| 19 | Y | BATTERY |
| 20 | B | GROUND |

| | |
|----------------|-----------------|
| Connector No. | M186 |
| Connector Name | AV CONTROL UNIT |
| Connector Type | TH32FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--------------------------------|
| 79 | Y | AV COMM (L) |
| 80 | Y | AV COMM (H) |
| 78 | LG | AV COMM (L) |
| 79 | SB | AV COMM (H) |
| 80 | P | CAN-L |
| 81 | L | CAN-H |
| 82 | R | SW GND |
| 87 | R | SOUND SIGNAL (+) |
| 88 | W | SOUND SIGNAL (-) |
| 90 | BR | HEADPHONE SOUND SIGNAL RH (+) |
| 91 | Y | HEADPHONE SOUND SIGNAL RH (-) |
| 92 | P | VEHICLE SPEED SIGNAL (8-PULSE) |
| 93 | R | PARKING BRAKE |
| 94 | W | REVERSE |
| 95 | G | VEHICLE SPEED SIGNAL |
| 96 | W | DISK EJECT SIGNAL |
| 102 | W | AUX SOUND SIGNAL GND |
| 103 | B | AUX SOUND SIGNAL LH (+) |
| 104 | R | AUX SOUND SIGNAL LH (-) |
| 105 | GR | SHIELD |
| 106 | P | HEADPHONE SOUND SIGNAL LH (+) |
| 107 | L | HEADPHONE SOUND SIGNAL LH (-) |

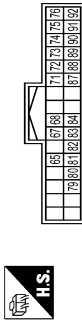
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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

IGNITION POWER SUPPLY

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| Connector No. | M193 |
| Connector Name | AV CONTROL UNIT |
| Connector Type | TH32FW-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|--------------------------------|
| 65 | R | PARKING BRAKE |
| 66 | W | GENERAL GND |
| 68 | B | COMPOSITE IMAGE SIGNAL |
| 71 | SHIELD | SHIELD |
| 72 | W | MICROPHONE VCC |
| 73 | B | COMM (CONT->DISP) |
| 74 | P | CAN-L |
| 75 | LG | AV COMM (L) |
| 76 | LG | AV COMM (L) |
| 79 | BE | MR OUTPUT |
| 80 | G | IGNITION |
| 81 | W | REVERSE |
| 82 | P | VEHICLE SPEED SIGNAL (8-PULSE) |
| 83 | SHIELD | SHIELD |
| 84 | B | COMPOSITE IMAGE SYNC |
| 85 | SHIELD | SHIELD |
| 86 | SHIELD | SHIELD |
| 89 | W | COMM (DISP->CONT) |
| 80 | L | CAN-H |
| 91 | SB | AV COMM (H) |
| 92 | V | AV COMM (H) |

| | |
|----------------|-------------------------------------|
| Connector No. | M212 |
| Connector Name | HEATED SEAT SWITCH (PASSENGER SIDE) |
| Connector Type | NS56FBR-CS |



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

| | |
|----------------|----------------------------------|
| Connector No. | M213 |
| Connector Name | HEATED SEAT SWITCH (DRIVER SIDE) |
| Connector Type | NS56FV-CS |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | L | SHIELD |
| 2 | BR | SHIELD |
| 3 | LG | SHIELD |
| 4 | B | SHIELD |
| 5 | P | SHIELD |
| 6 | GR | SHIELD |

| | |
|----------------|----------------------------------|
| Connector No. | M253 |
| Connector Name | AROUND VIEW MONITOR CONTROL UNIT |
| Connector Type | TH40FW-NH |



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

| | |
|----------------|------------------|
| Connector No. | R16 |
| Connector Name | REAR A/C CONTROL |
| Connector Type | TH12FM-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 1 | B | GROUND |
| 2 | B | ILL* (With auto A/C) |
| 3 | RL | ILL* (With manual A/C) |
| 5 | R | ILL |
| 6 | B | ILL |
| 9 | BR/R | RX (With manual A/C) |
| 9 | V | RX (With auto A/C) |
| 10 | BR | TX |
| 12 | G | IGN |

| | |
|----------------|----------------------------------|
| Connector No. | R25 |
| Connector Name | AUTO ANTI-DAZZLING INSIDE MIRROR |
| Connector Type | TH10PE-NH |



| Terminal No. | Color Of Wire | Signal Name [Specification] |
|--------------|---------------|-----------------------------|
| 6 | V | SHIELD |
| 8 | G | SHIELD |
| 10 | BR | SHIELD |

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POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

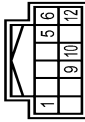
IGNITION POWER SUPPLY

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| Connector No. | R38 |
| Connector Name | REAR DISPLAY UNIT |
| Connector Type | TH32FW-NH |



| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|--------|------|-------------------------------|
| 1 | W | P | HEADPHONE SOUND SIGNAL RH (-) |
| 2 | W | Y | HEADPHONE SOUND SIGNAL RH (+) |
| 3 | W | B | HEADPHONE SOUND SIGNAL LH (-) |
| 4 | B | LG | HEADPHONE SOUND SIGNAL LH (+) |
| 5 | | | SHIELD |
| 6 | SHIELD | | SHIELD |
| 7 | B | | COMPOSITE IMAGE SIGNAL |
| 8 | W | | COMPOSITE IMAGE SIGNAL GND |
| 18 | SHIELD | | SHIELD |
| 19 | W | | AV COMM (L) |
| 20 | Y | | AV COMM (L) |
| 21 | B | | AV COMM (H) |
| 22 | ER | | AV COMM (H) |
| 28 | LG | | IGN |
| 29 | SP | | ACC |
| 29 | GR | | ACC |
| 30 | GR | | 4B |
| 31 | B | | GROUND |
| 32 | B | | GROUND |

| | |
|----------------|------------------|
| Connector No. | R101 |
| Connector Name | REAR A/C CONTROL |
| Connector Type | TH12FW-NH |



| Terminal No. | Color | Wire | Signal Name [Specification] |
|--------------|-------|------|--|
| 1 | P | | GROUND |
| 5 | Y | | GROUND |
| 6 | B | | ILL |
| 8 | LG | | EX |
| 10 | SB | | TX |
| 12 | P | | IGN [Without automatic drive positioner] |
| 12 | V | | IGN [With automatic drive positioner] |

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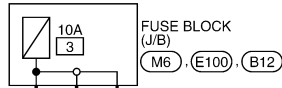
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

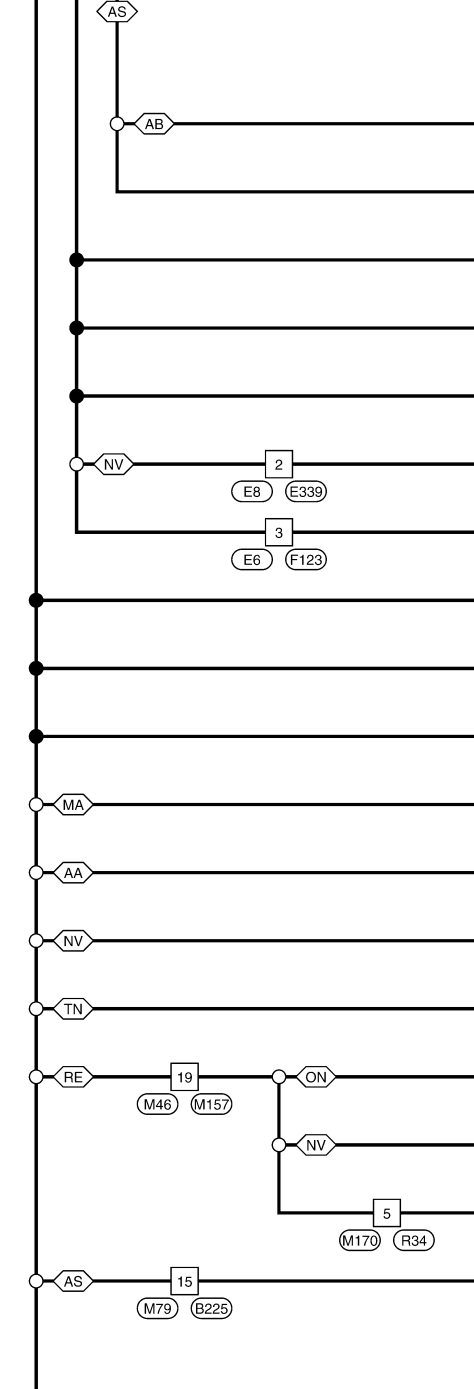
Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 3 -

INFOID:000000011321056

IGNITION POWER SUPPLY FUSE No. 3



- AA : With auto A/C
- MA : With manual A/C
- RE : With rear entertainment
- OE : Without rear entertainment
- RX : Without rear entertainment and with rear view monitor
- NV : With NAVI
- ON : Without NAVI
- TN : With telephone without NAVI
- AB : With automatic back door
- AS : With automatic slide door



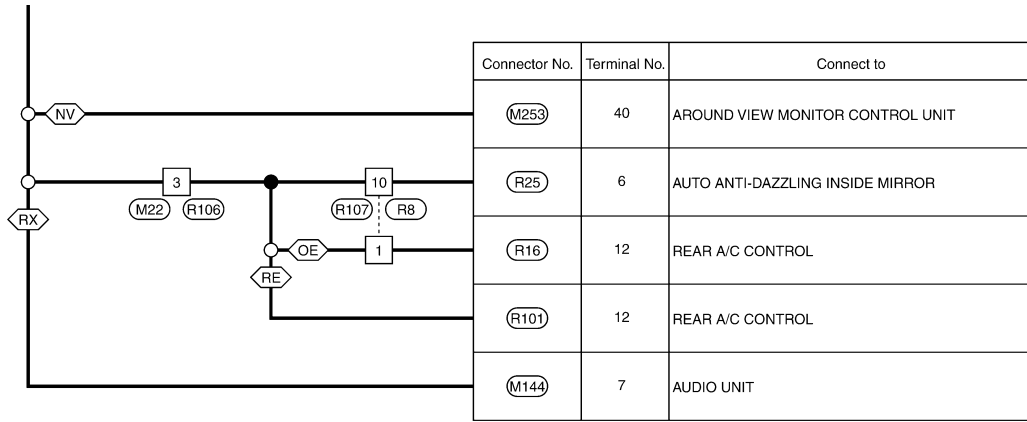
| Connector No. | Terminal No. | Connect to |
|---------------|--------------|---|
| (B8) | 7 | AUTOMATIC BACK DOOR CONTROL MODULE |
| (B45) | 6 | SLIDING DOOR CONTROL UNIT LH |
| (E34) | 5 | POWER STEERING CONTROL MODULE |
| (E109) | 1 | BRAKE PEDAL POSITION SWITCH |
| (E115) | 3 | STOP LAMP SWITCH |
| (E315) | 1 | EXHAUST GAS / OUTSIDE ODOR DETECTING SENSOR |
| (F11) | 1 | ELECTRONIC CONTROLLED ENGINE MOUNT CONTROL SOLENOID VALVE |
| (M4) | 8 | DATA LINK CONNECTOR |
| (M24) | 2 | AC 120V OUTLET MAIN SWITCH |
| (M30) | 4 | STEERING ANGLE SENSOR |
| (M49) | 2 | A/C AMP. |
| (M50) | 2 | A/C AUTO AMP. |
| (M64) | 1 | IONIZER |
| (M138) | 3 | TEL ADAPTER UNIT |
| (M186) | 95 | AV CONTROL UNIT |
| (M193) | 80 | AV CONTROL UNIT |
| (R36) | 26 | REAR DISPLAY UNIT |
| (B247) | 6 | SLIDING DOOR CONTROL UNIT RH |

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POWER SUPPLY ROUTING CIRCUIT

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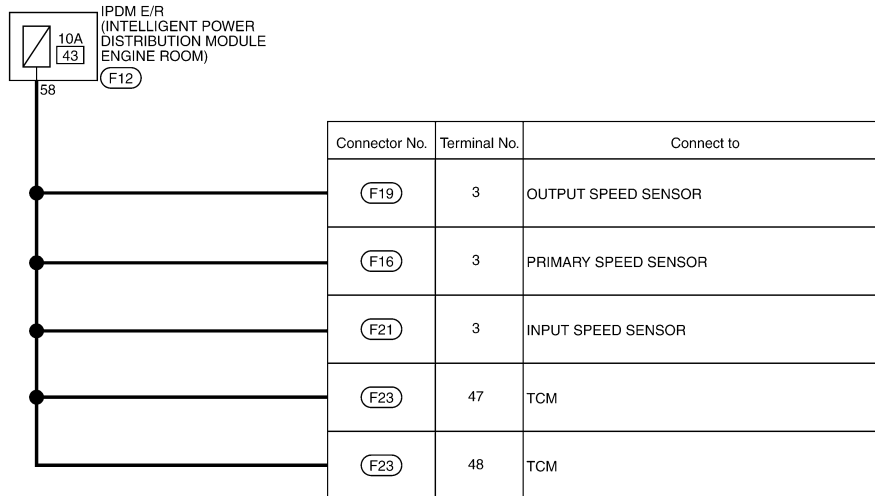
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 43 -

INFOID:000000011321057

IGNITION POWER SUPPLY FUSE No. 43



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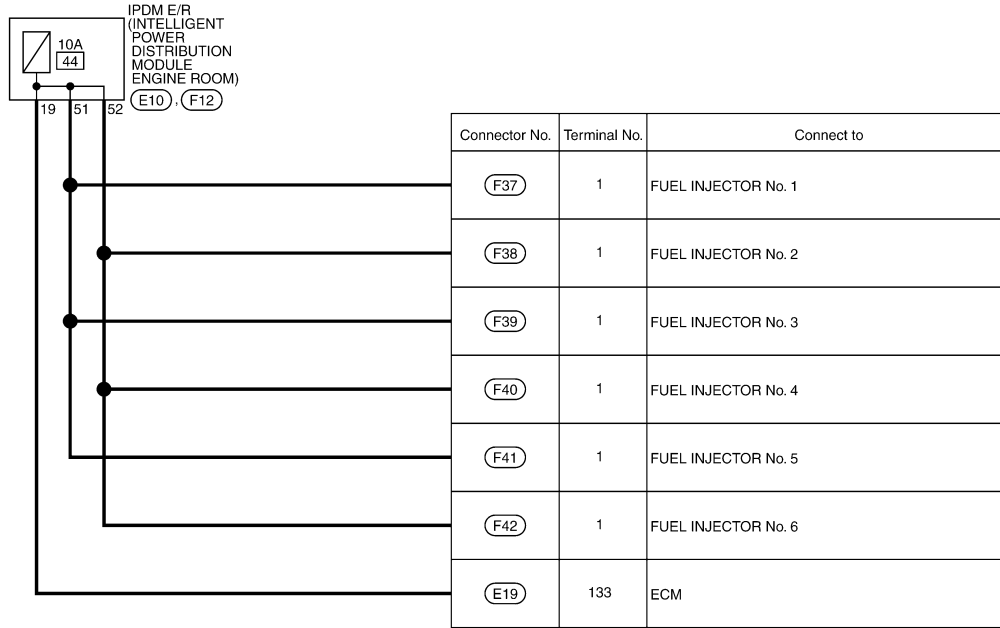
POWER SUPPLY ROUTING CIRCUIT

< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 44 -

INFOID:000000011321058

IGNITION POWER SUPPLY FUSE No. 44



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POWER SUPPLY ROUTING CIRCUIT

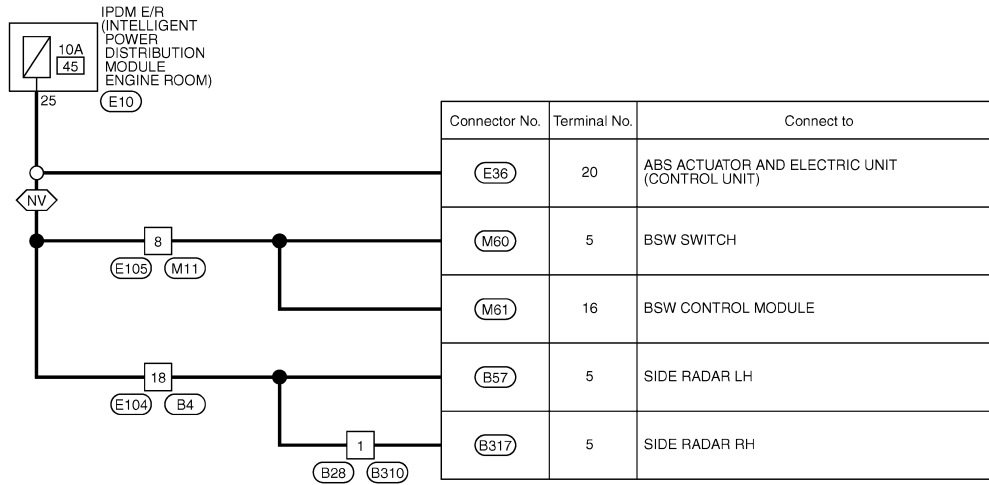
< WIRING DIAGRAM >

Wiring Diagram - IGNITION POWER SUPPLY FUSE No. 45 -

INFOID:000000011321059

IGNITION POWER SUPPLY FUSE No. 45

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GROUND DISTRIBUTION

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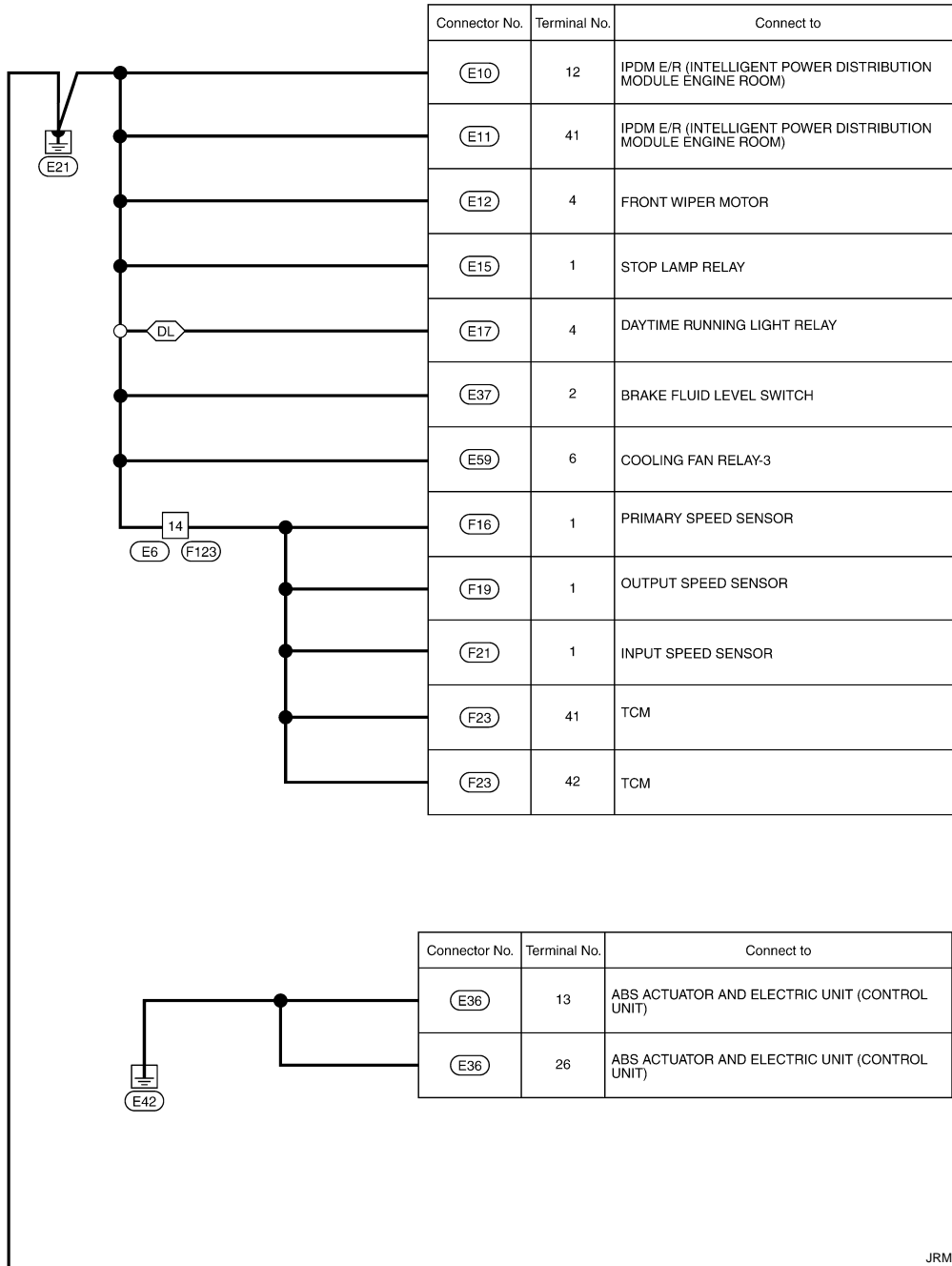
GROUND DISTRIBUTION

Engine Room Harness

INFOID:000000011552581

ENGINE ROOM HARNESS

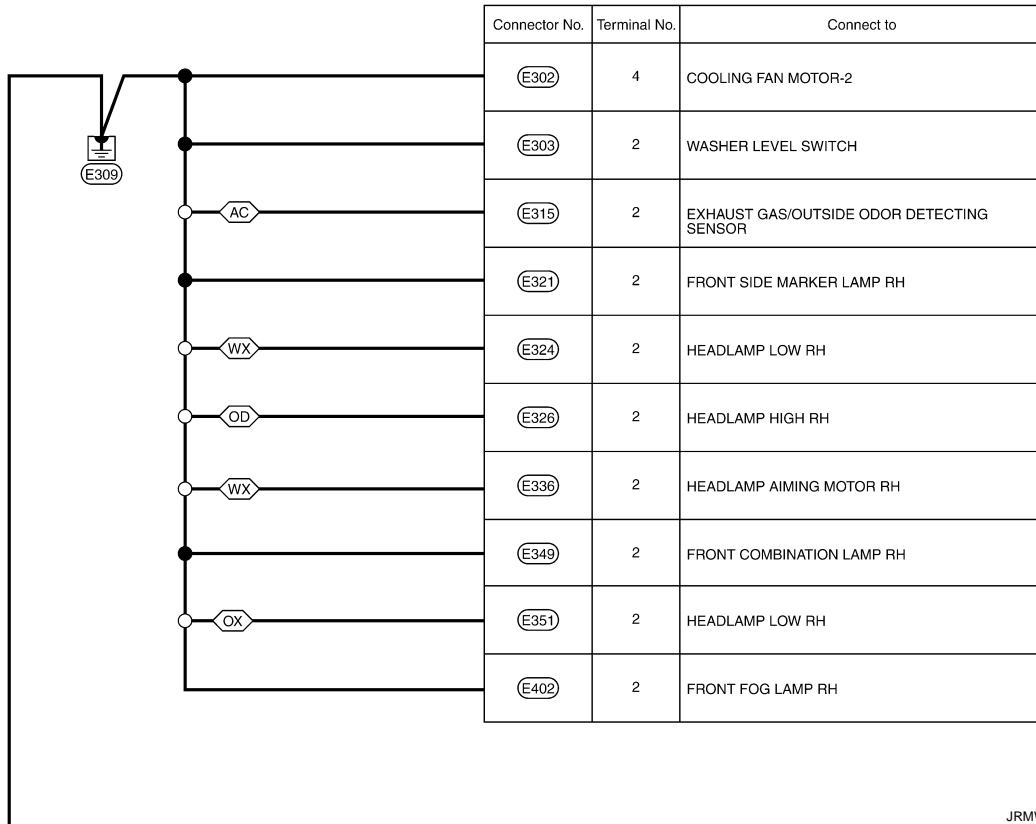
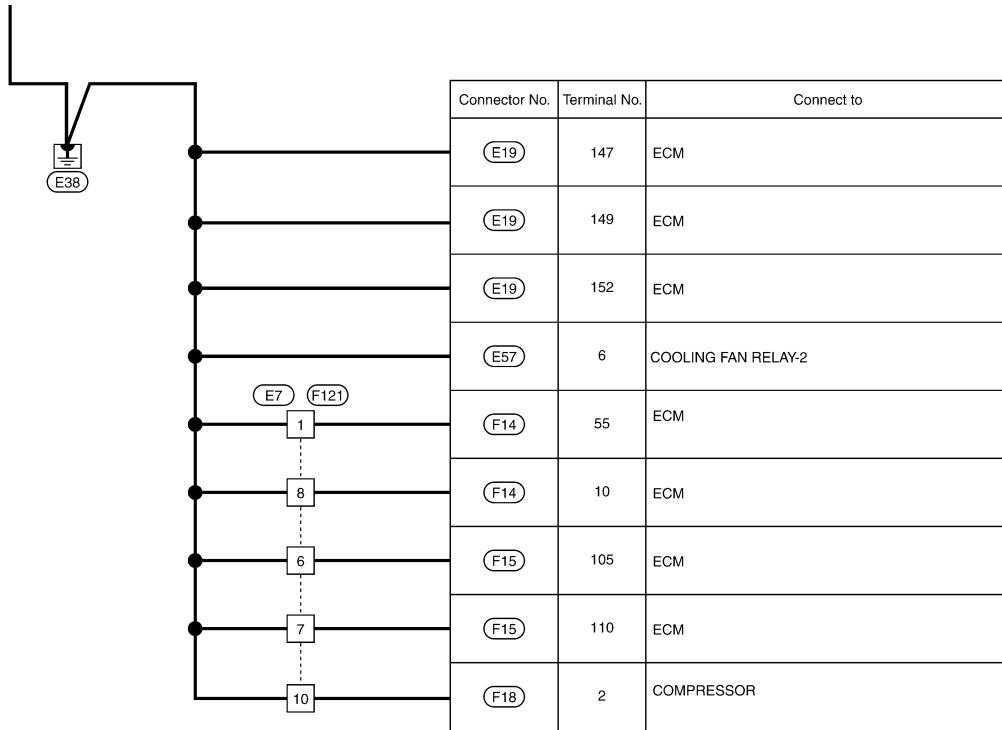
- ⬡AC⬡ : With ACCS (Advanced Climate Control System)
- ⬡DL⬡ : With daytime running light system
- ⬡OD⬡ : Without daytime running light system
- ⬡OX⬡ : Without xenon headlamp
- ⬡WX⬡ : With xenon headlamp



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GROUND DISTRIBUTION

< WIRING DIAGRAM >

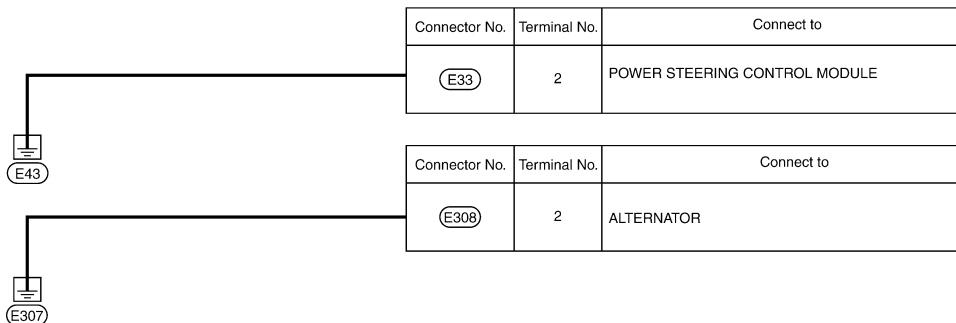
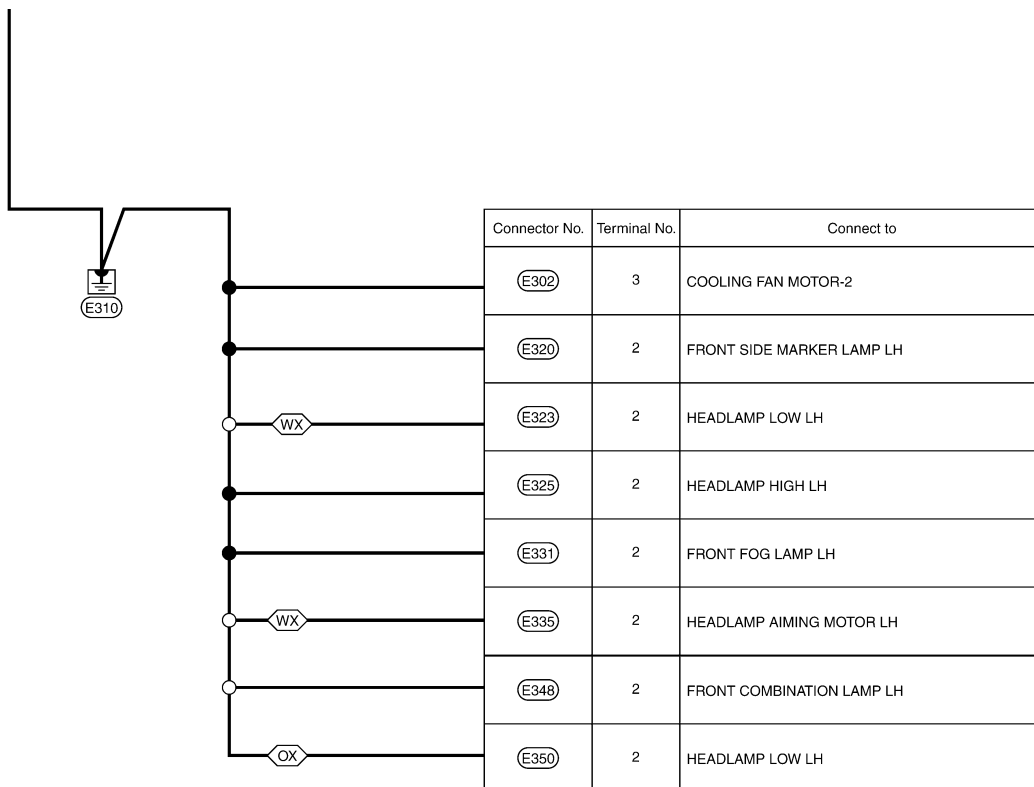


JRMWG3396GB

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GROUND DISTRIBUTION

< WIRING DIAGRAM >



2014/07/25

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GROUND DISTRIBUTION

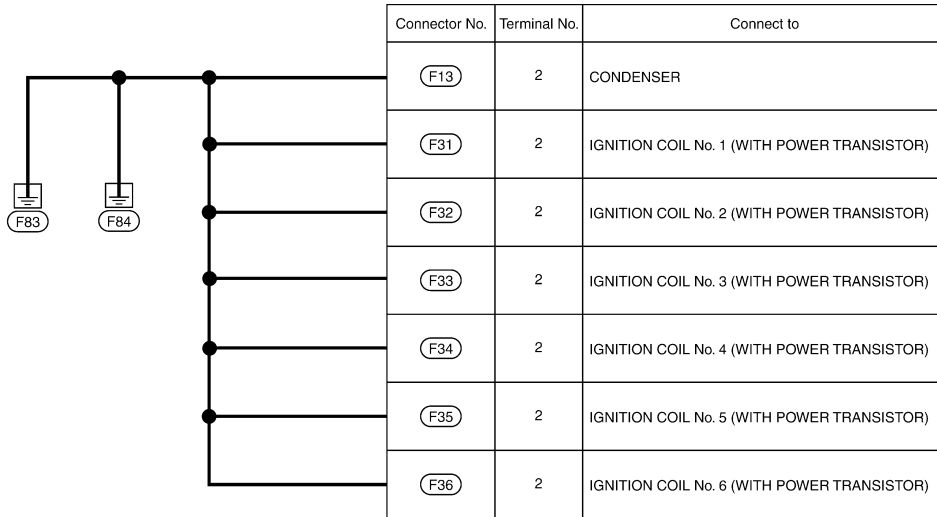
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Engine Control Harness

INFOID:000000011552582

ENGINE CONTROL HARNESS

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GROUND DISTRIBUTION

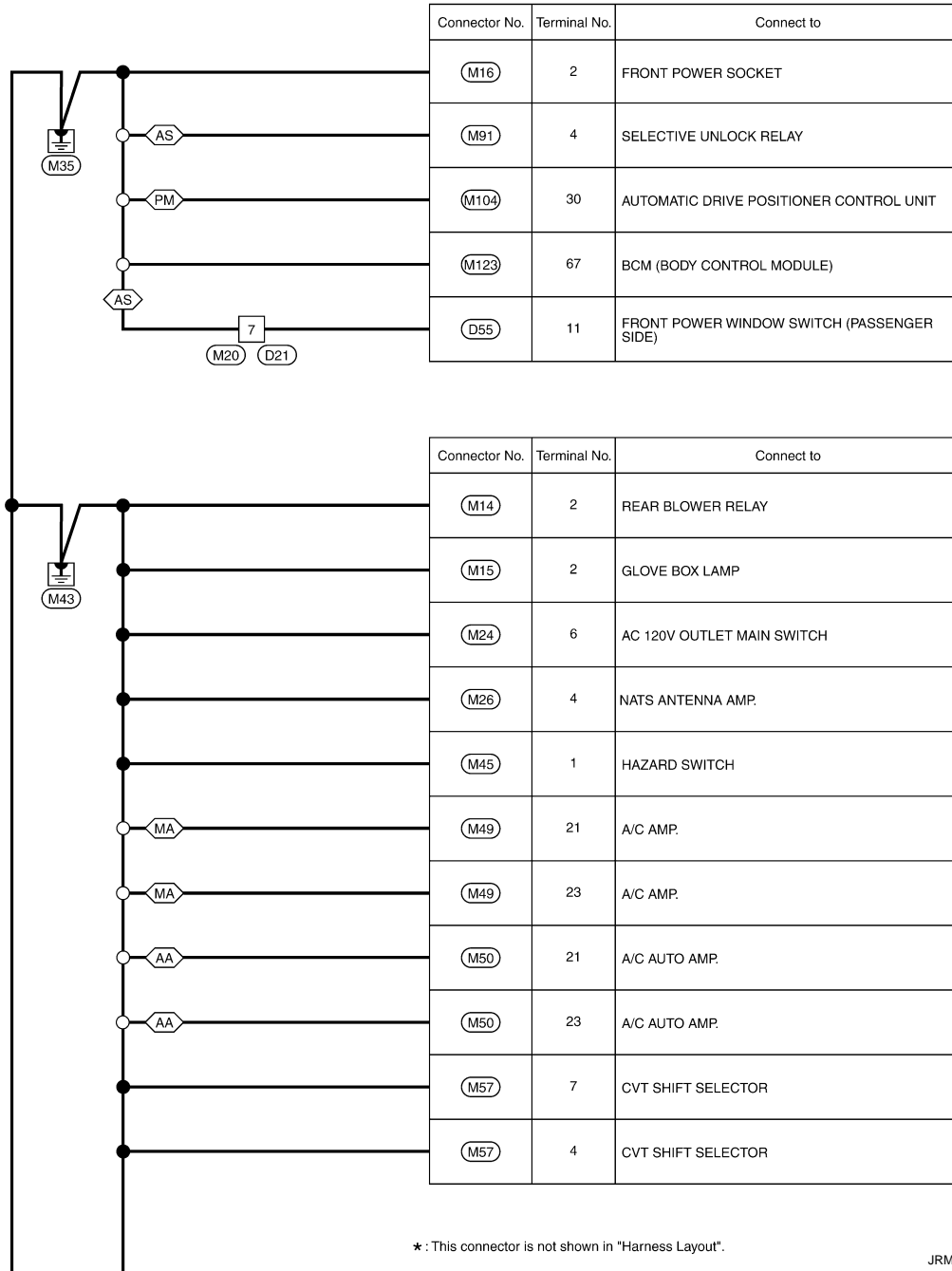
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Main Harness

INFOID:000000011552583

MAIN HARNESS

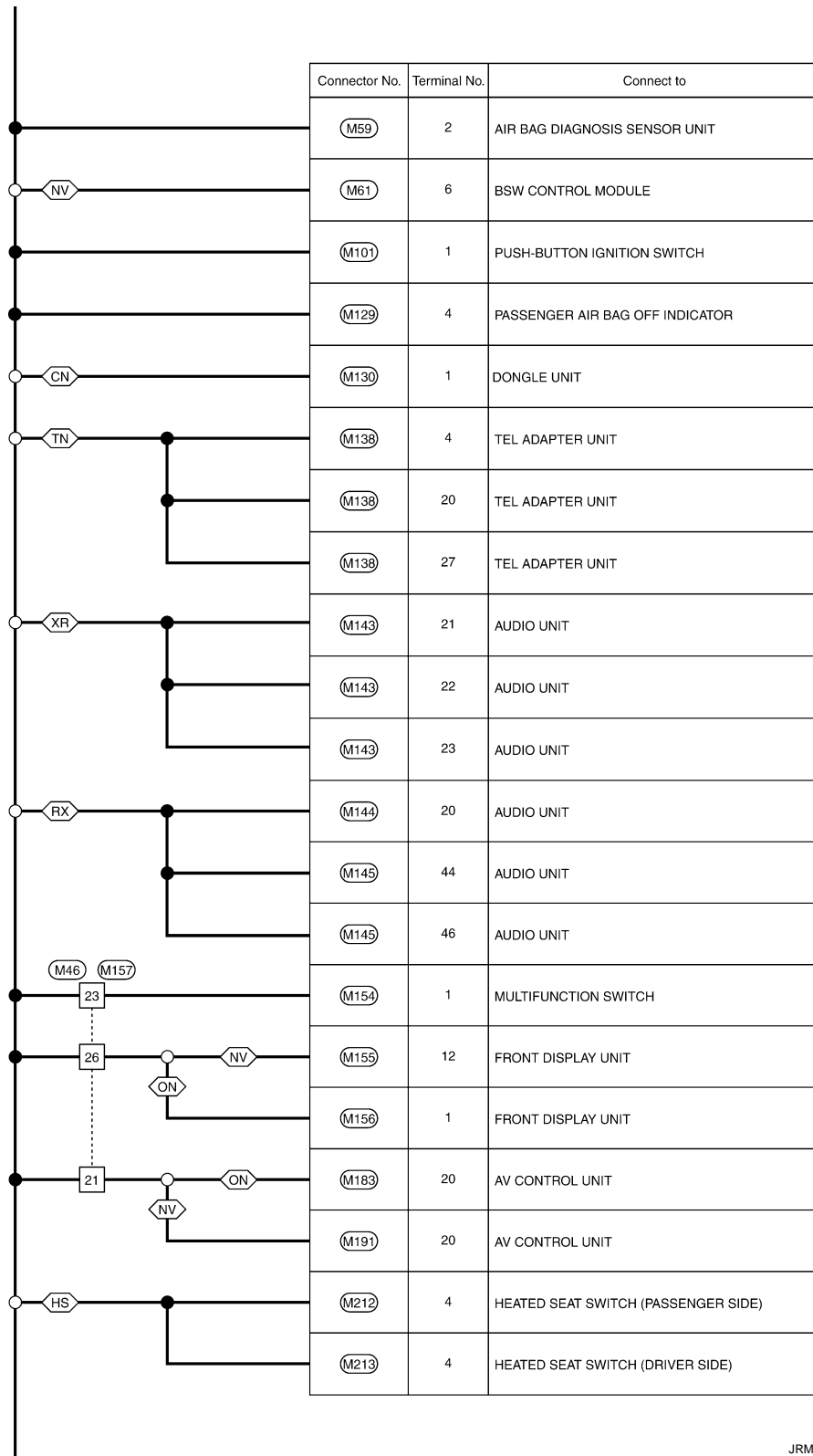
- | | | |
|---|---|--|
| TN : With telephone without NAVI | AA : With auto A/C | NV : With NAVI |
| XR : Without rear entertainment and rear view monitor | MA : With manual A/C | ON : Without NAVI |
| RX : Without rear entertainment and with rear view monitor | PM : With automatic drive positioner | AS : With automatic side door |
| AP : With front power window anti-pinch system | OM : Without automatic drive positioner | AB : With automatic back door |
| AC : With ACCS (Advanced Climate Control System) | RF : With sunroof | OS : Without automatic side door |
| WX : With xenon headlamp | HS : With heated seat | RE : With rear entertainment |
| CN : For Canada | DS : With side turn and defogger door mirror | OE : Without rear entertainment door mirror |



JRMWG3389GB

GROUND DISTRIBUTION

< WIRING DIAGRAM >

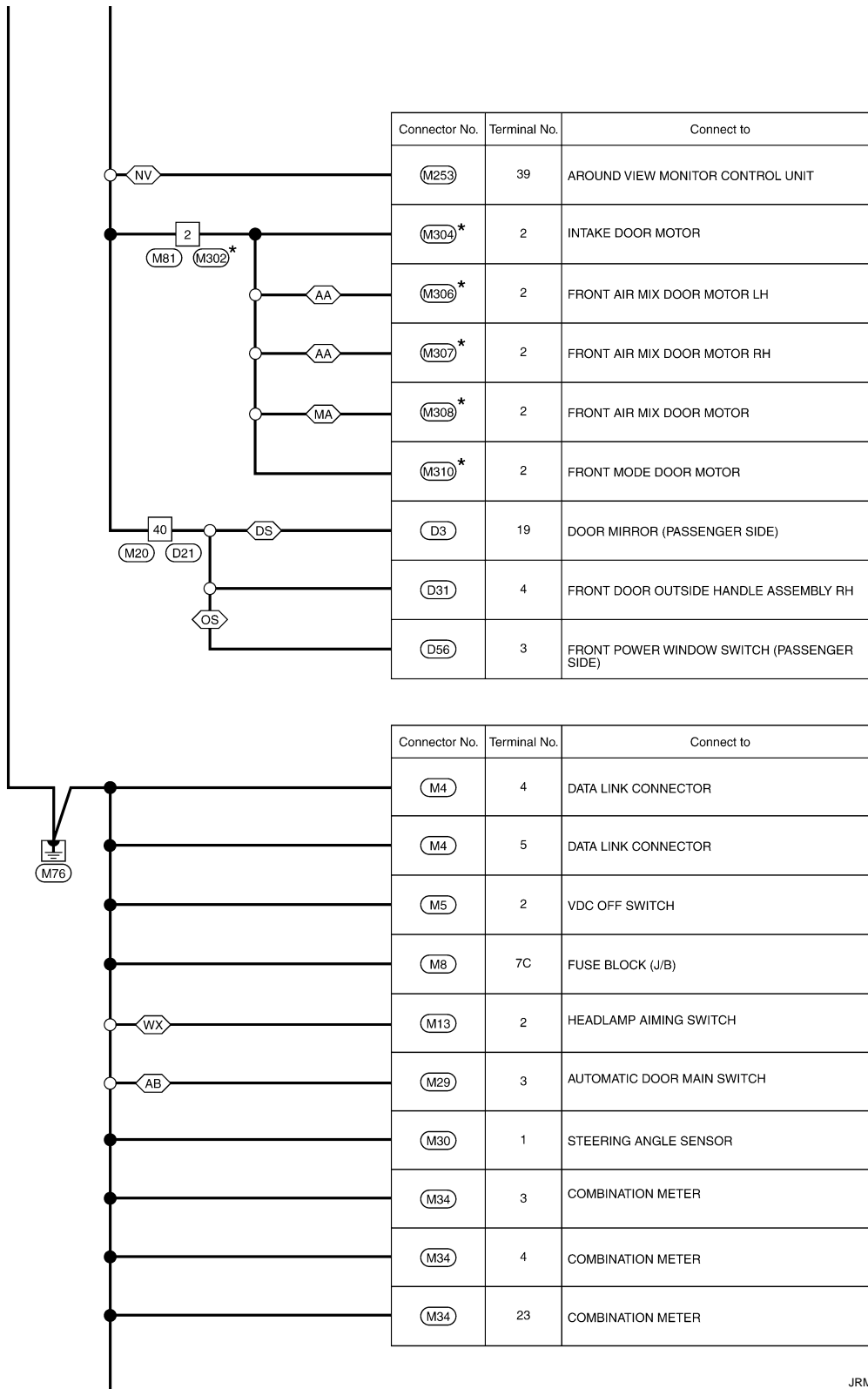


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GROUND DISTRIBUTION

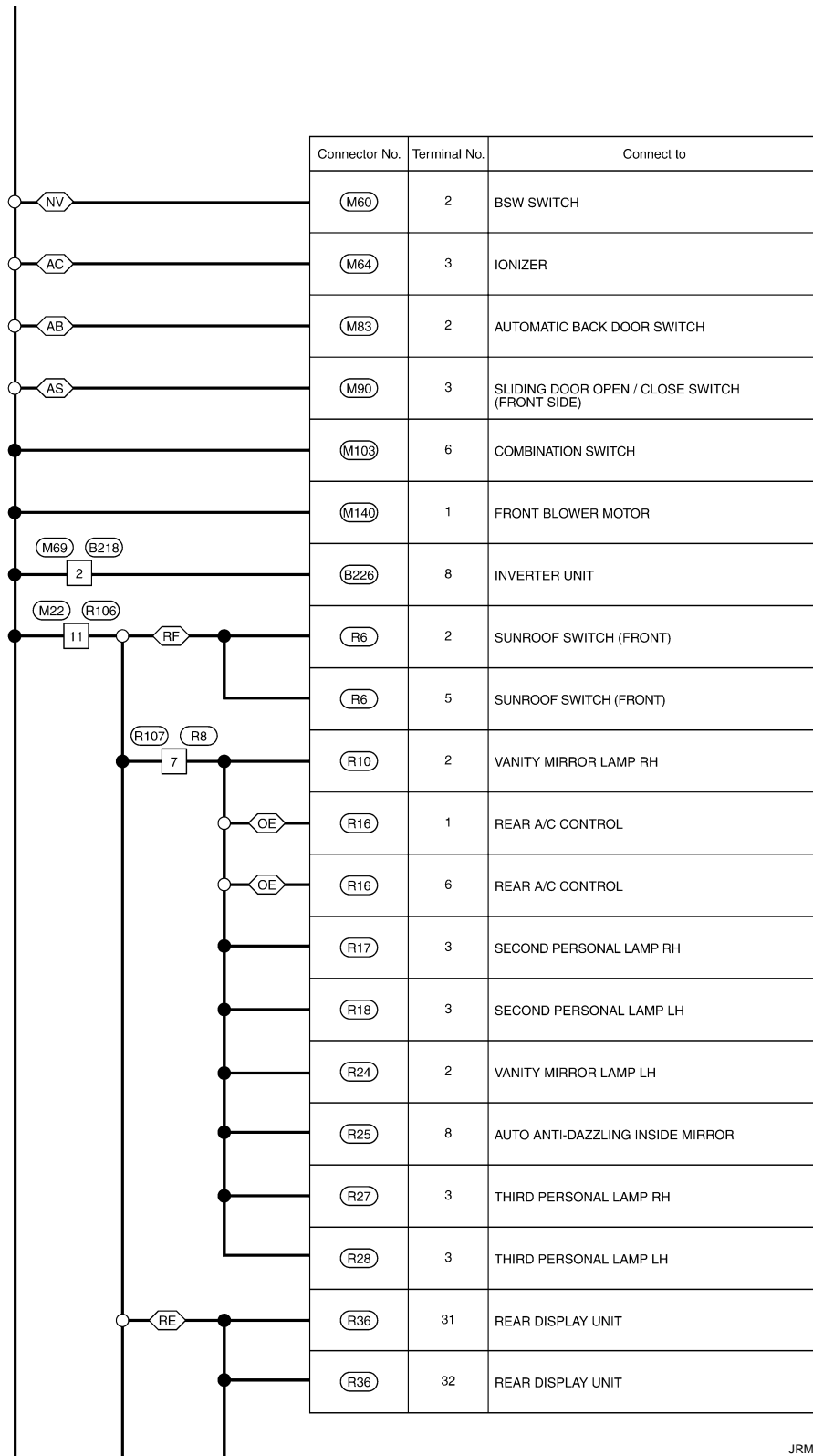
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GROUND DISTRIBUTION

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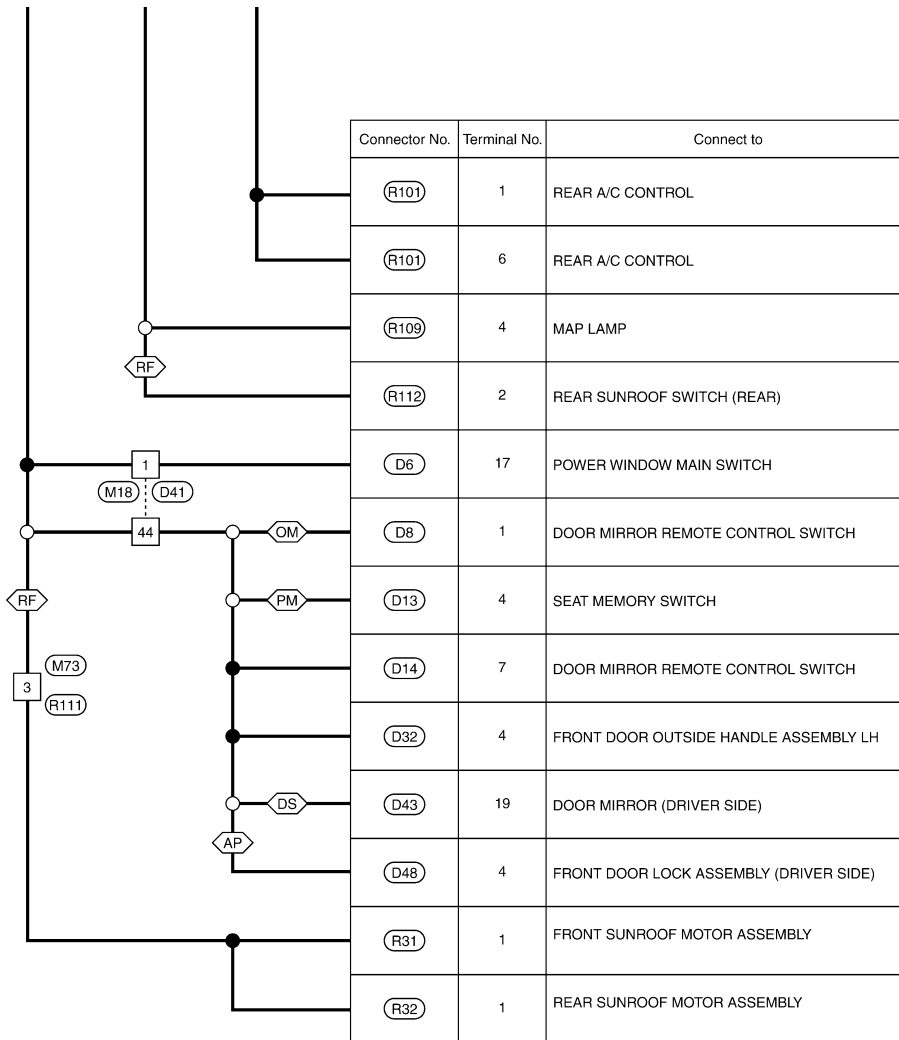


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GROUND DISTRIBUTION

< WIRING DIAGRAM >



2014/07/25

JRMWG3393GB

GROUND DISTRIBUTION

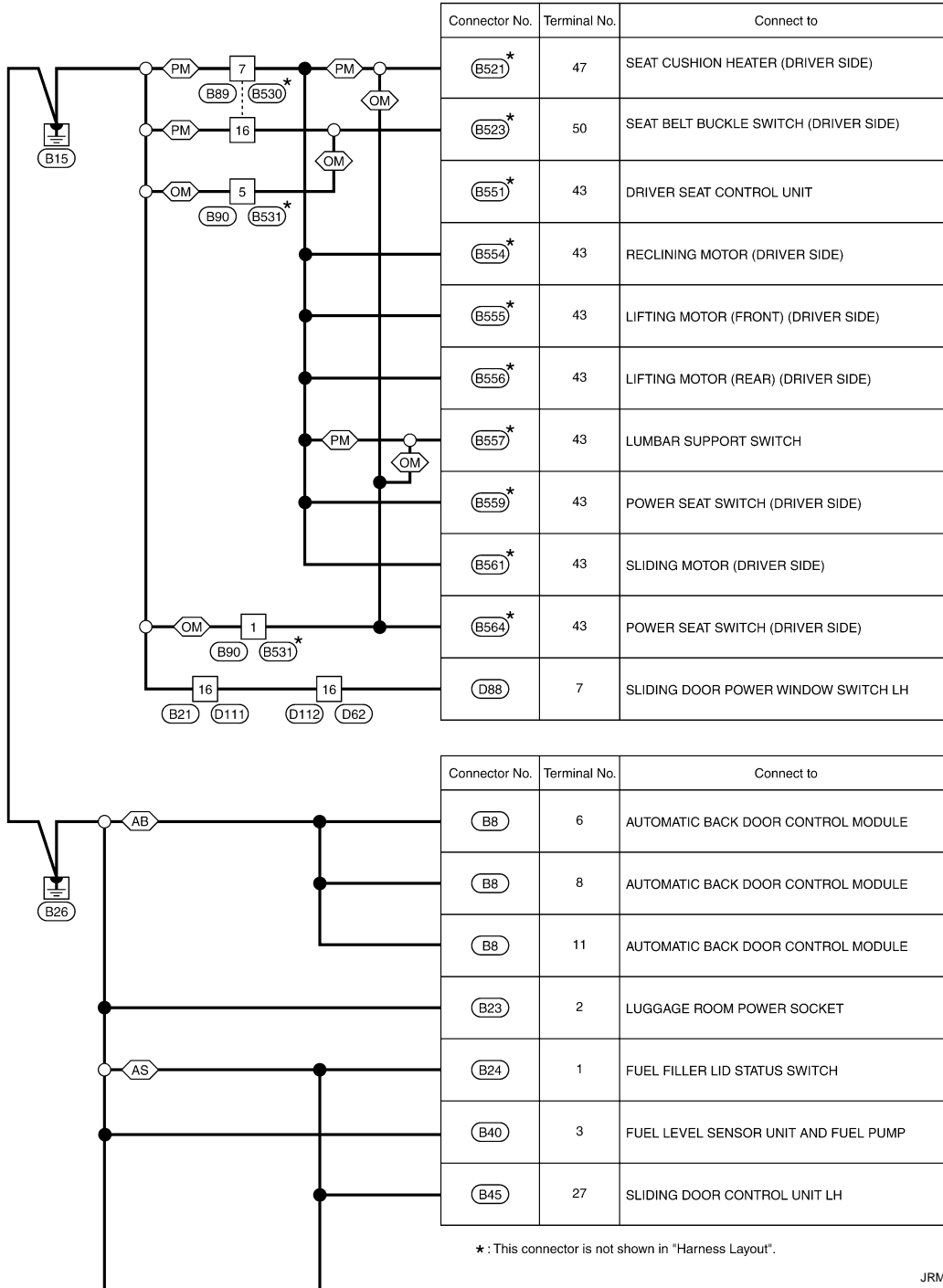
< WIRING DIAGRAM >

Body Harness

INFOID:000000011552584

BODY HARNESS

- PM : With automatic drive positioner
- OM : Without automatic drive positioner
- AS : With automatic side door
- AB : With automatic back door
- NV : With NAVI
- SR : With satellite radio
- WB : With BOSE system
- RR : With seatback power folding system
- HS : With heated seat

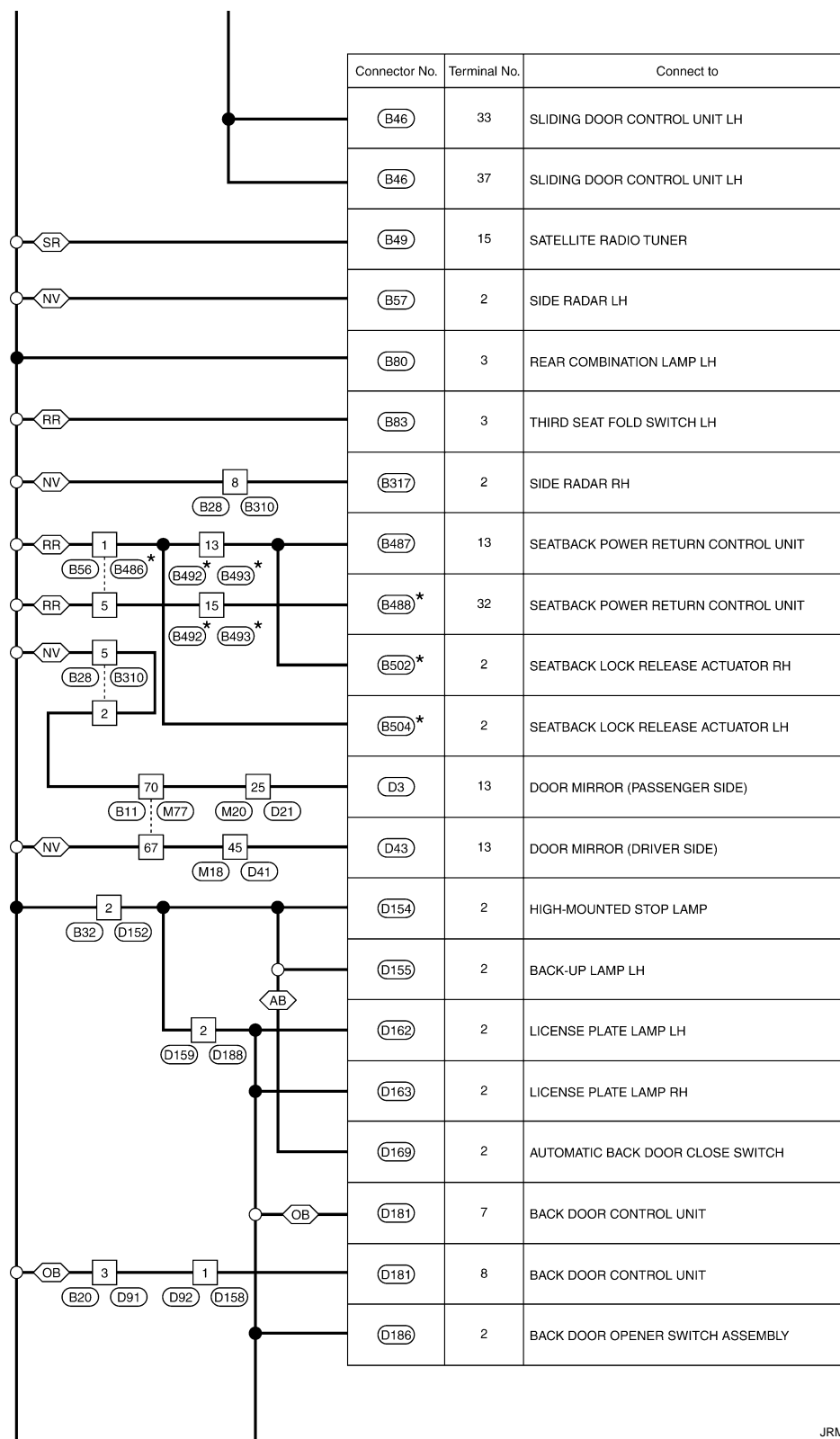


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GROUND DISTRIBUTION

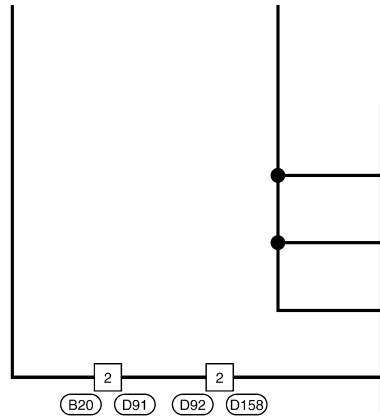
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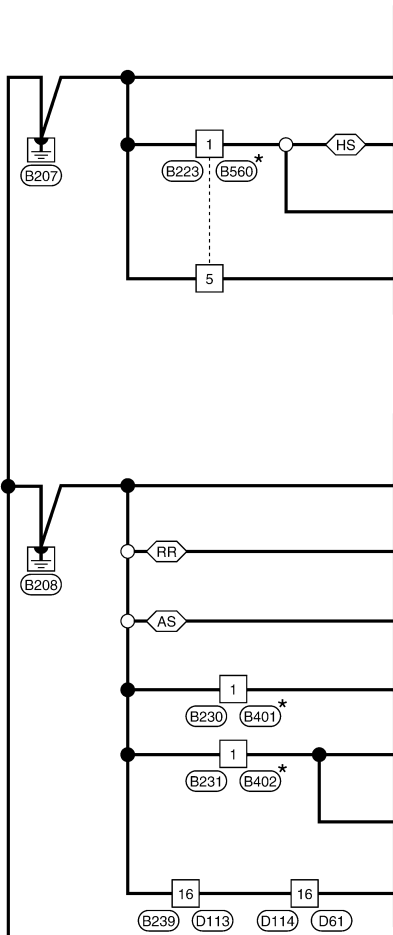
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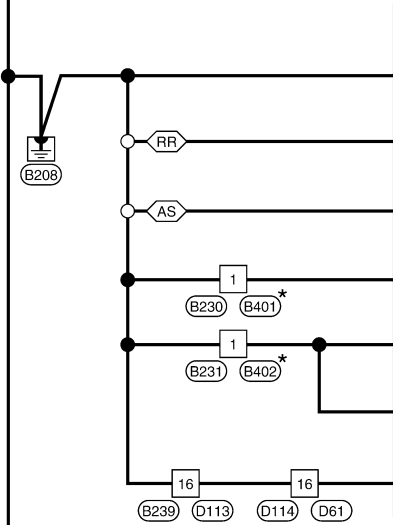
< WIRING DIAGRAM >



| Connector No. | Terminal No. | Connect to |
|---------------|--------------|----------------------------------|
| D186 | 3 | BACK DOOR OPENER SWITCH ASSEMBLY |
| D190 | 8 | BACK DOOR LOCK ASSEMBLY |
| D192 | 2 | BACK-UP LAMP RH |
| D193 | 3 | REAR WIPER MOTOR |



| Connector No. | Terminal No. | Connect to |
|---------------|--------------|--|
| B209 | 2 | OCCUPANT DETECTION SYSTEM CONTROL UNIT |
| B532* | 47 | SEAT CUSHION HEATER (PASSENGER SIDE) |
| B534* | 43 | POWER SEAT SWITCH (PASSENGER SIDE) |
| B538* | 50 | SEAT BELT BUCKLE SWITCH (PASSENGER SIDE) |



| Connector No. | Terminal No. | Connect to |
|---------------|--------------|-------------------------------------|
| B205 | 3 | REAR COMBINATION LAMP RH |
| B234 | 3 | THIRD SEAT FOLD SWITCH RH |
| B247 | 27 | SLIDING DOOR CONTROL UNIT RH |
| B403* | 1 | REAR BLOWER MOTOR |
| B404* | 2 | REAR AIR MIX DOOR MOTOR |
| B405* | 2 | REAR MODE DOOR MOTOR |
| D108 | 7 | SLIDING DOOR POWER WINDOW SWITCH RH |

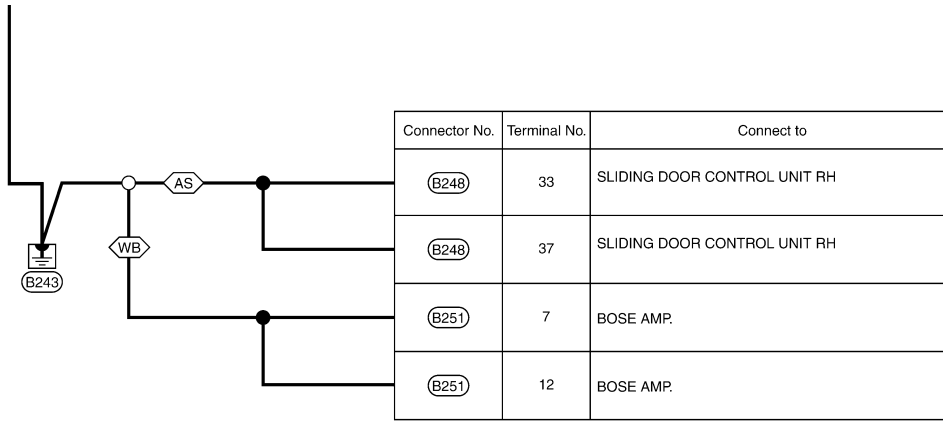
JRMWG3400GB

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GROUND DISTRIBUTION

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JRMWG3401GB

FUSE BLOCK - JUNCTION BOX (J/B)

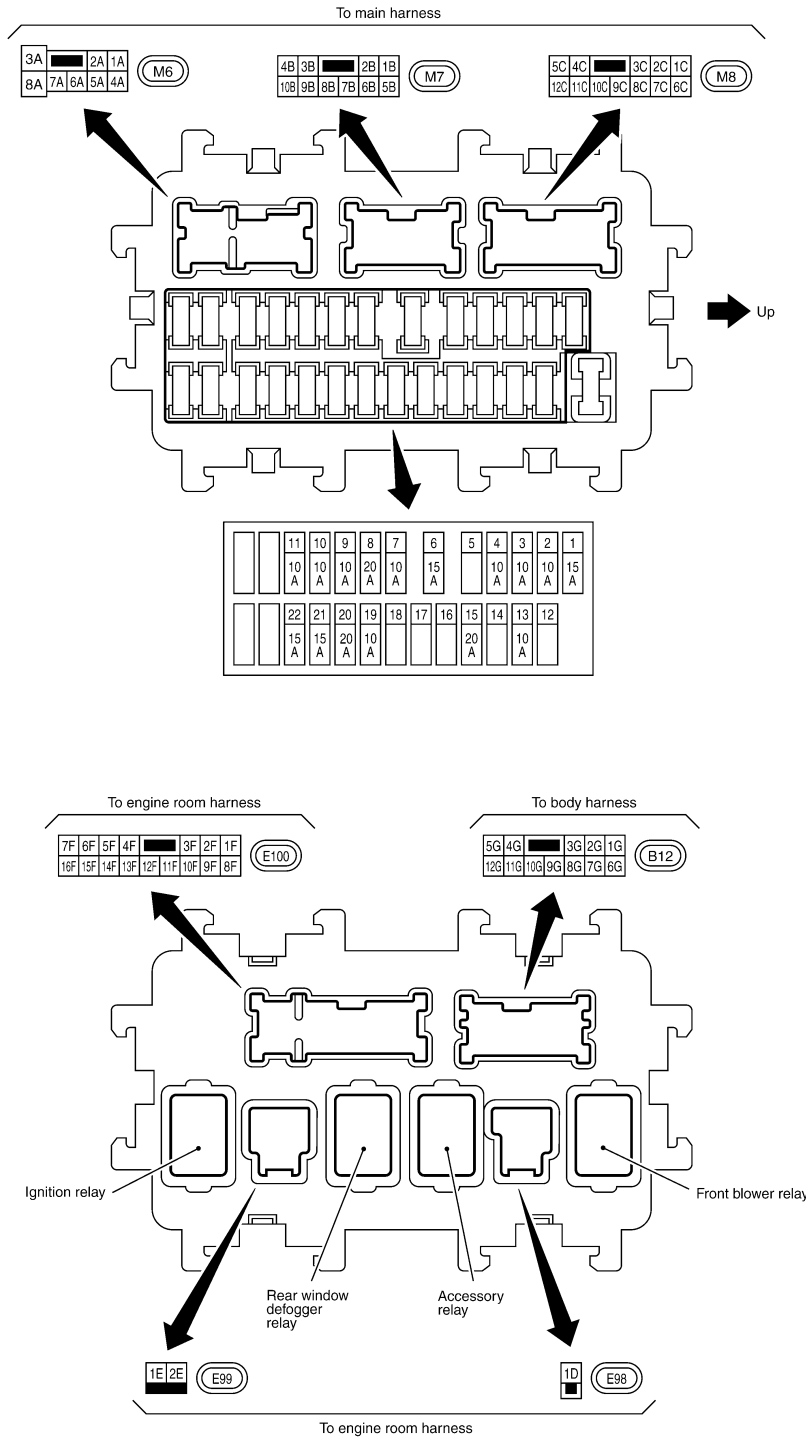
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FUSE BLOCK - JUNCTION BOX (J/B)

Fuse, Connector and Terminal Arrangement

INFOID:000000011321061

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



2014/07/25

JRMWG3386GB

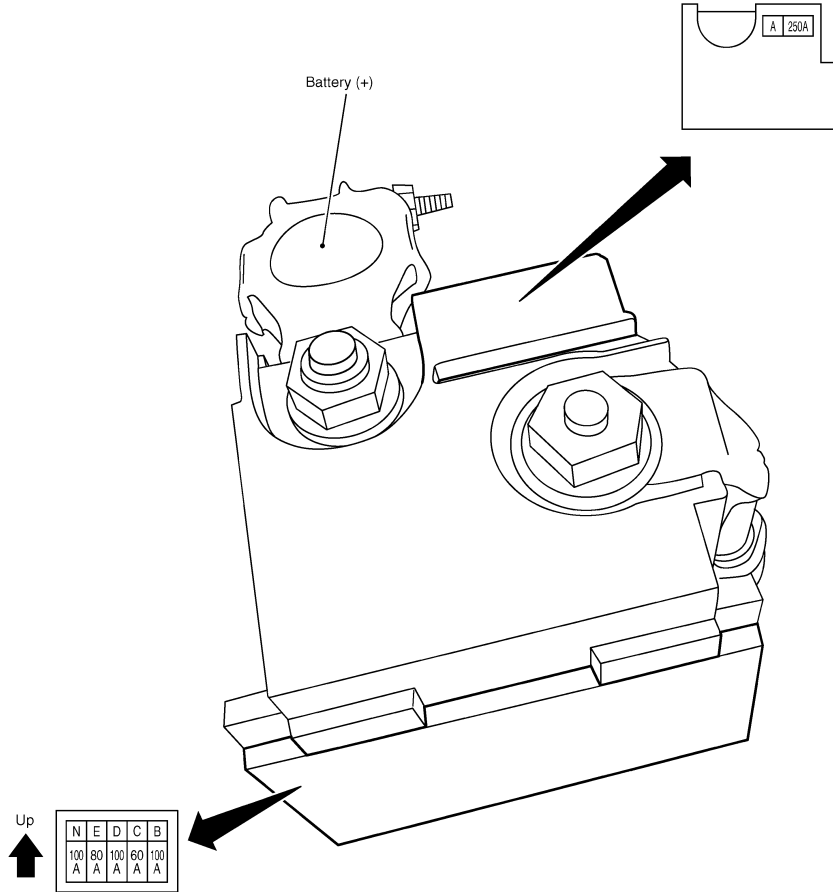
FUSE, FUSIBLE LINK AND RELAY BOX

< WIRING DIAGRAM >

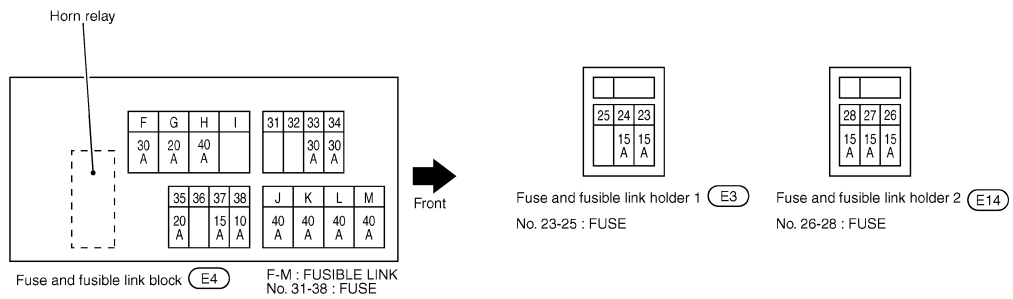
FUSE, FUSIBLE LINK AND RELAY BOX

Fuse and Fusible Link Arrangement

INFOID:000000011321062



Battery terminal with fusible link (E1), (E2), (E13), (F3)



2010/12/13

JCMWA7784GB

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

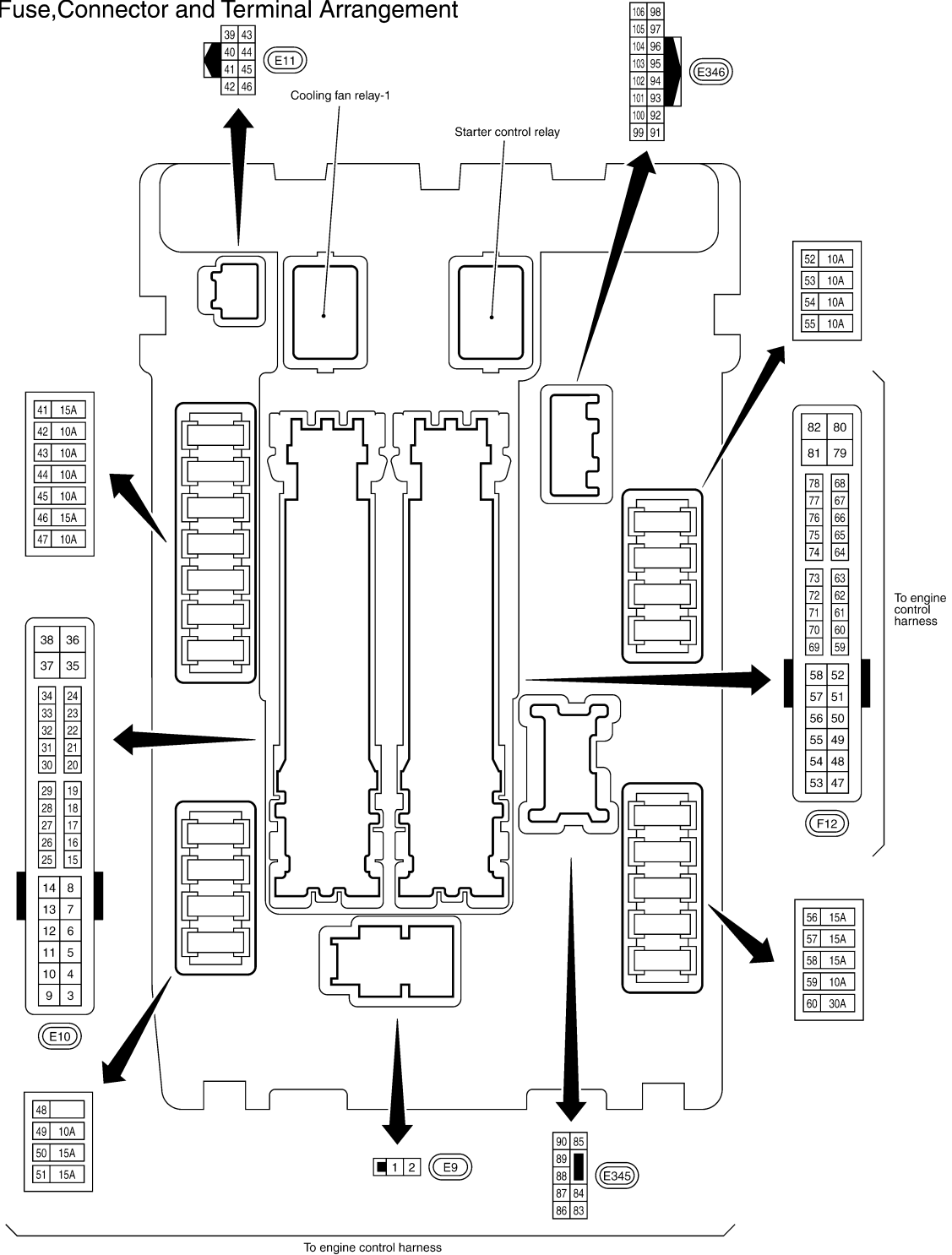
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IPDM E/R (INTELLIGENT POWER DISTRIBUTION MODULE ENGINE ROOM)

Fuse, Connector and Terminal Arrangement

INFOID:000000011321063

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



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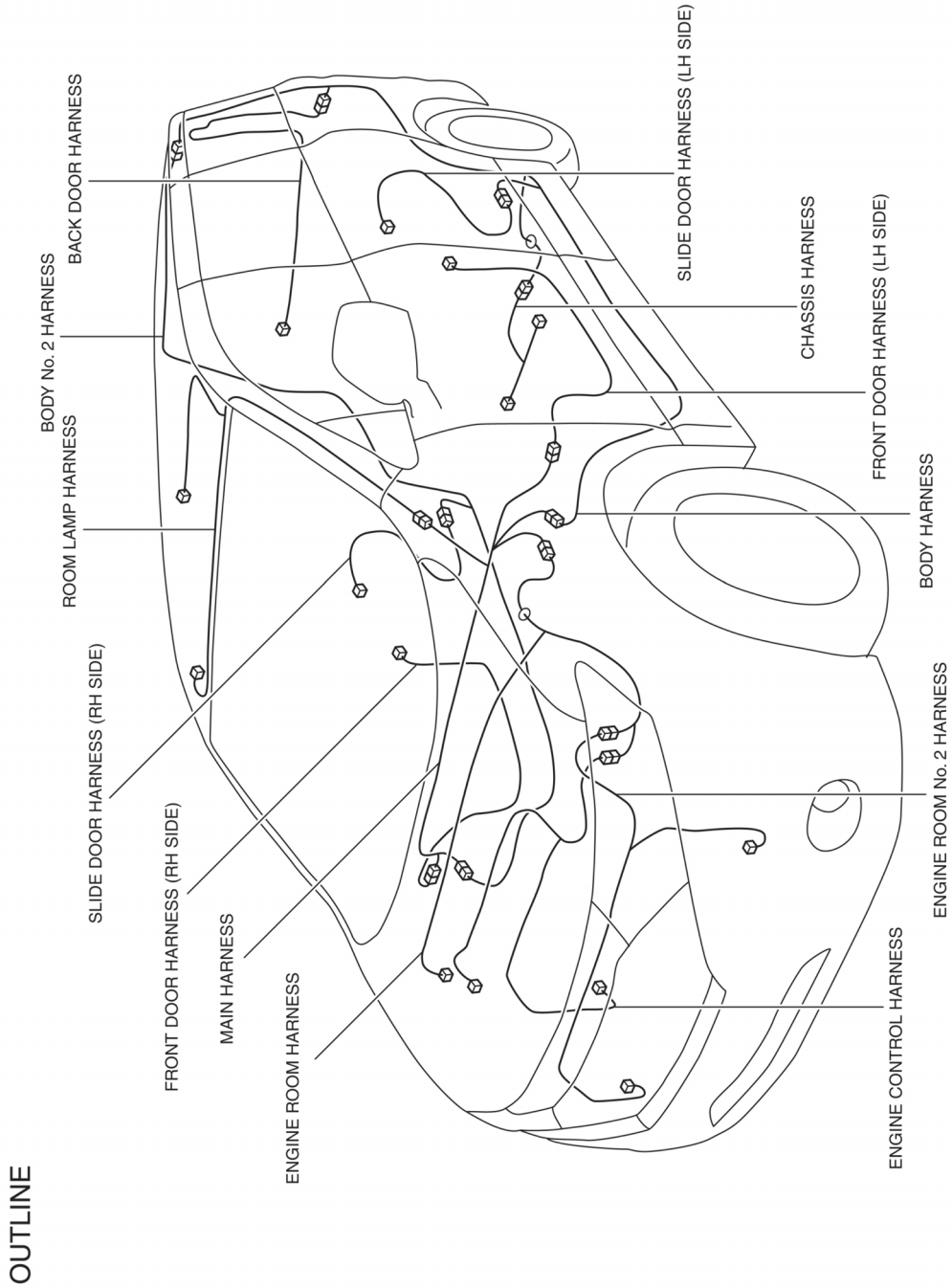
HARNESS LAYOUT

< WIRING DIAGRAM >

HARNESS LAYOUT

Outline

INFOID:000000011321064



OUTLINE

2012/07/19

JRMIC1972GB

HARNESS LAYOUT

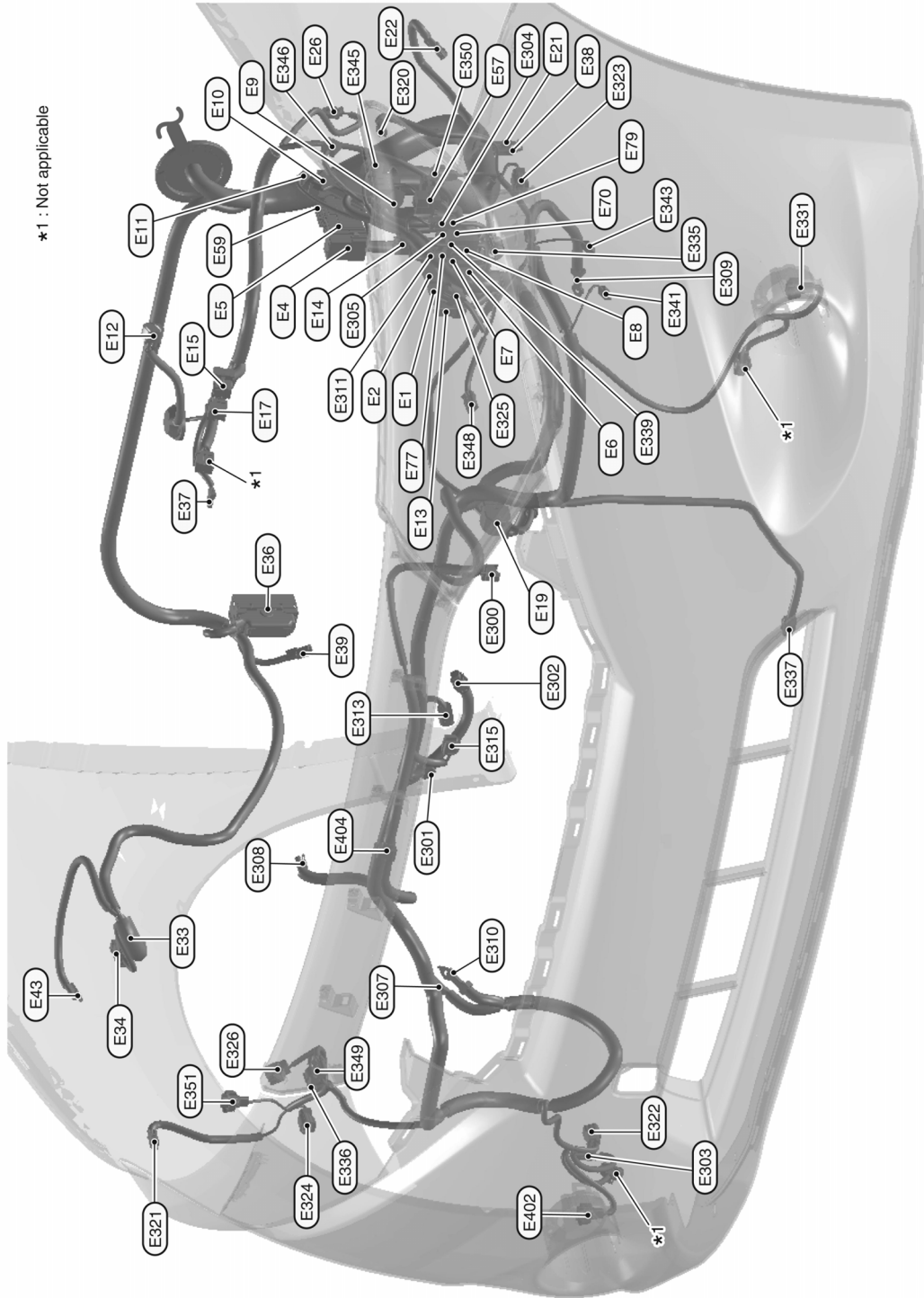
< WIRING DIAGRAM >

Engine Room Harness

INFOID:000000011321065

ENGINE COMPARTMENT

ENGINE ROOM HARNESS /
Engine Compartment



2014/07/25

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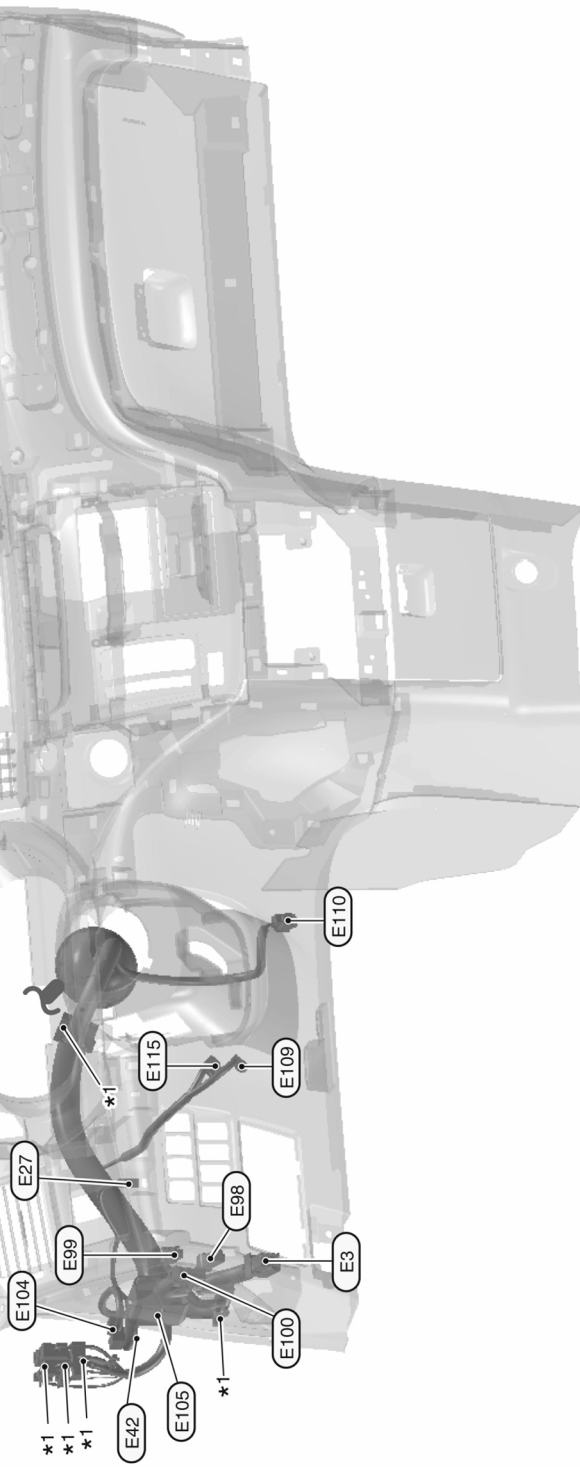
HARNES LAYOUT

< WIRING DIAGRAM >

PASSENGER COMPARTMENT

Passenger Compartment

*1 : Not applicable



2014/07/25

JRMIC5109GB

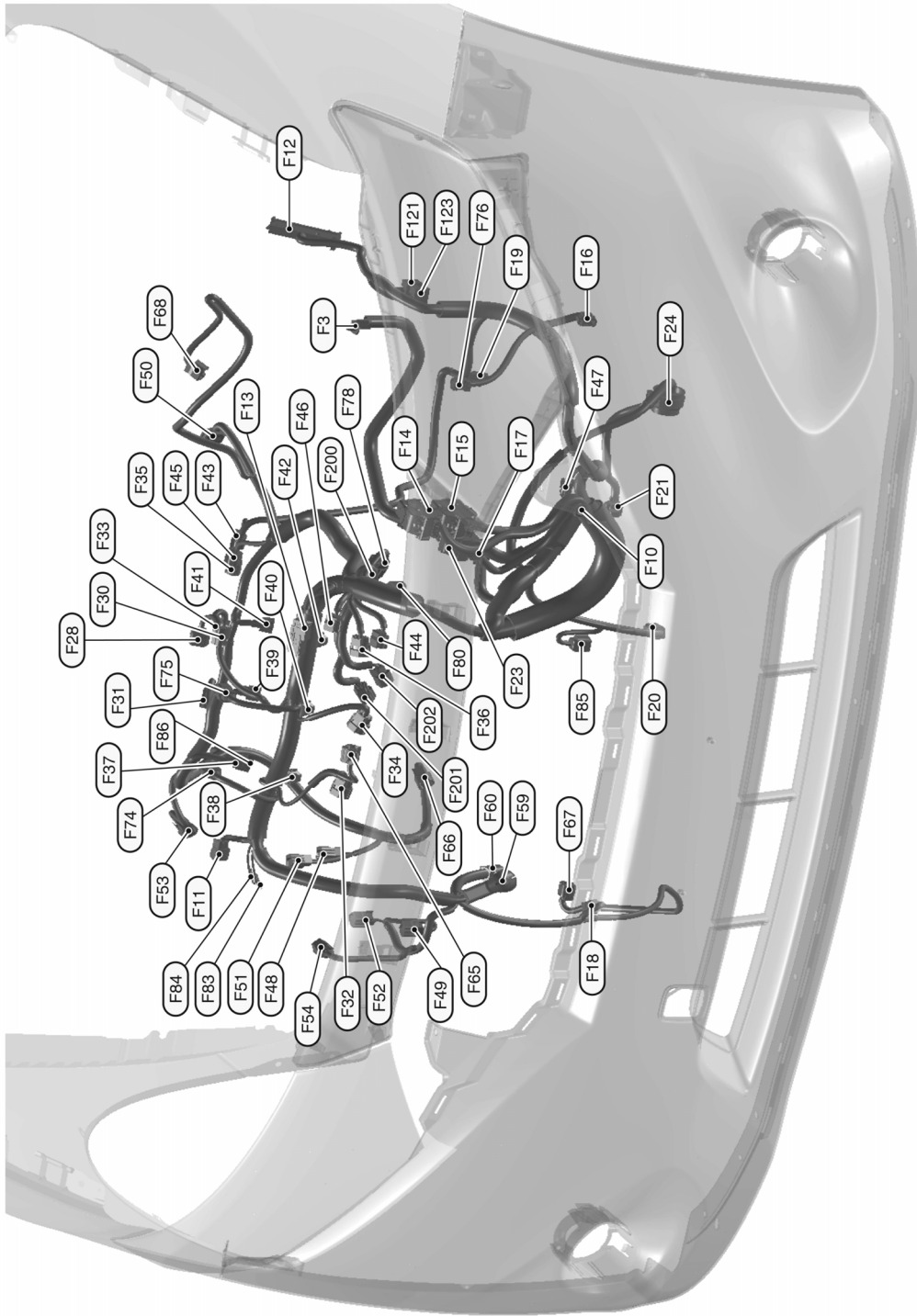
HARNES LAYOUT

< WIRING DIAGRAM >

Engine Control Harness

INFOID:000000011321066

ENGINE CONTROL HARNESS



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JRMIC5110GB

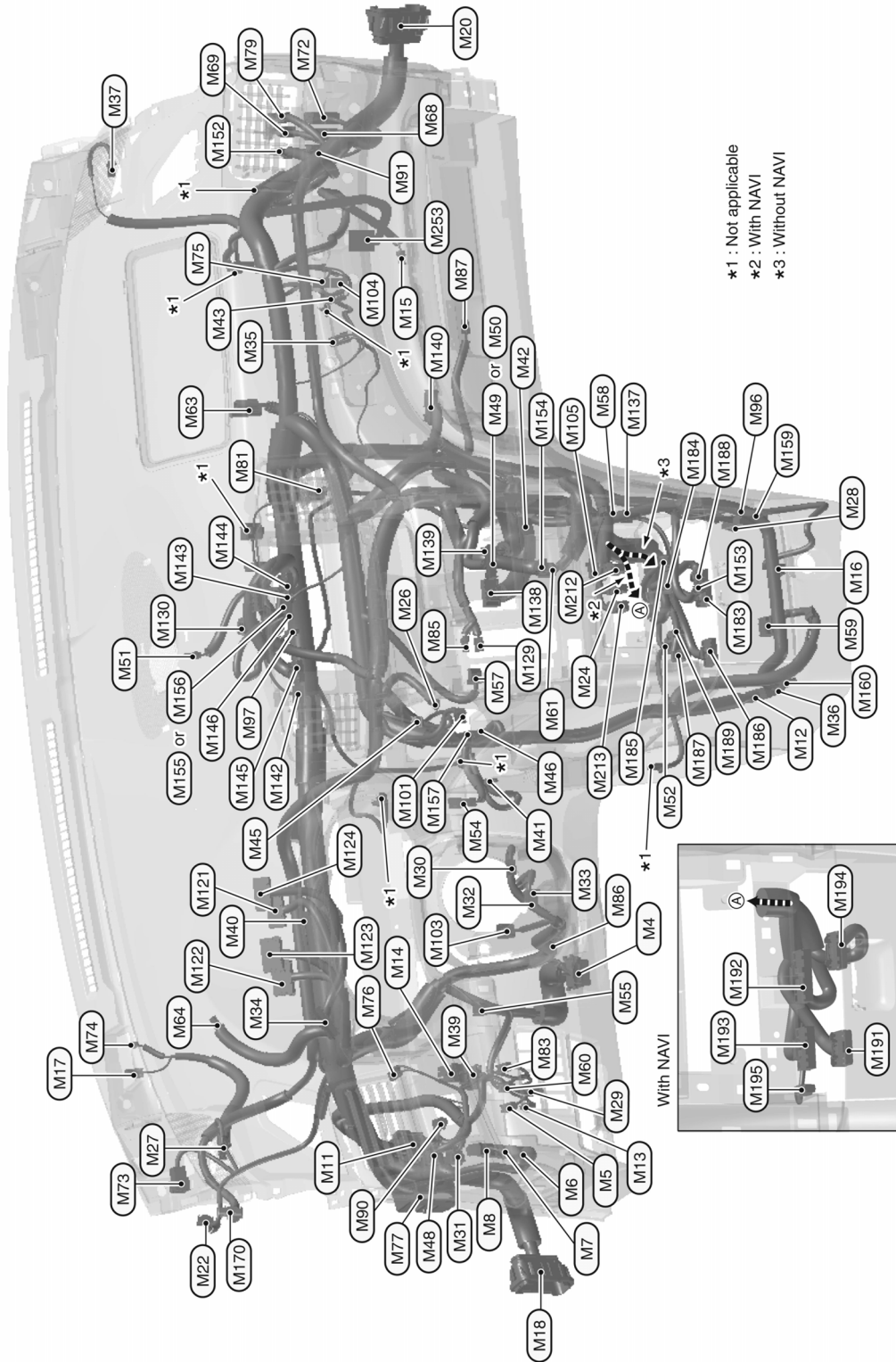
HARNES LAYOUT

< WIRING DIAGRAM >

Main Harness

INFOID:000000011321067

MAIN HARNESS



- *1 : Not applicable
- *2 : With NAVI
- *3 : Without NAVI

2014/07/25

JRMIC5111GB

HARNES LAYOUT

< WIRING DIAGRAM >

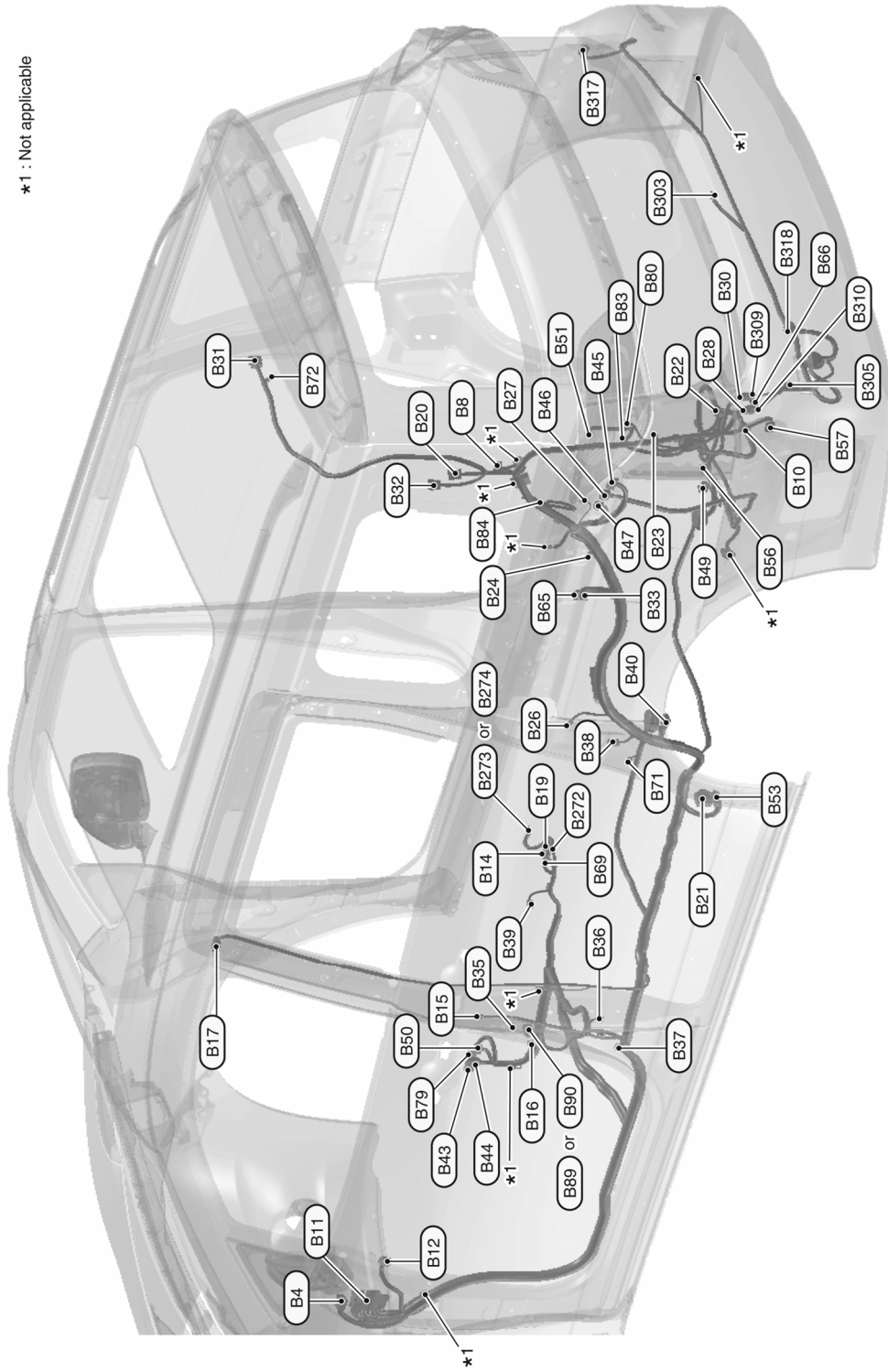
Body Harness

INFOID:000000011321068

BODY HARNESS

BODY HARNESS

*1 : Not applicable



2014/07/25

JRMIC5112GB

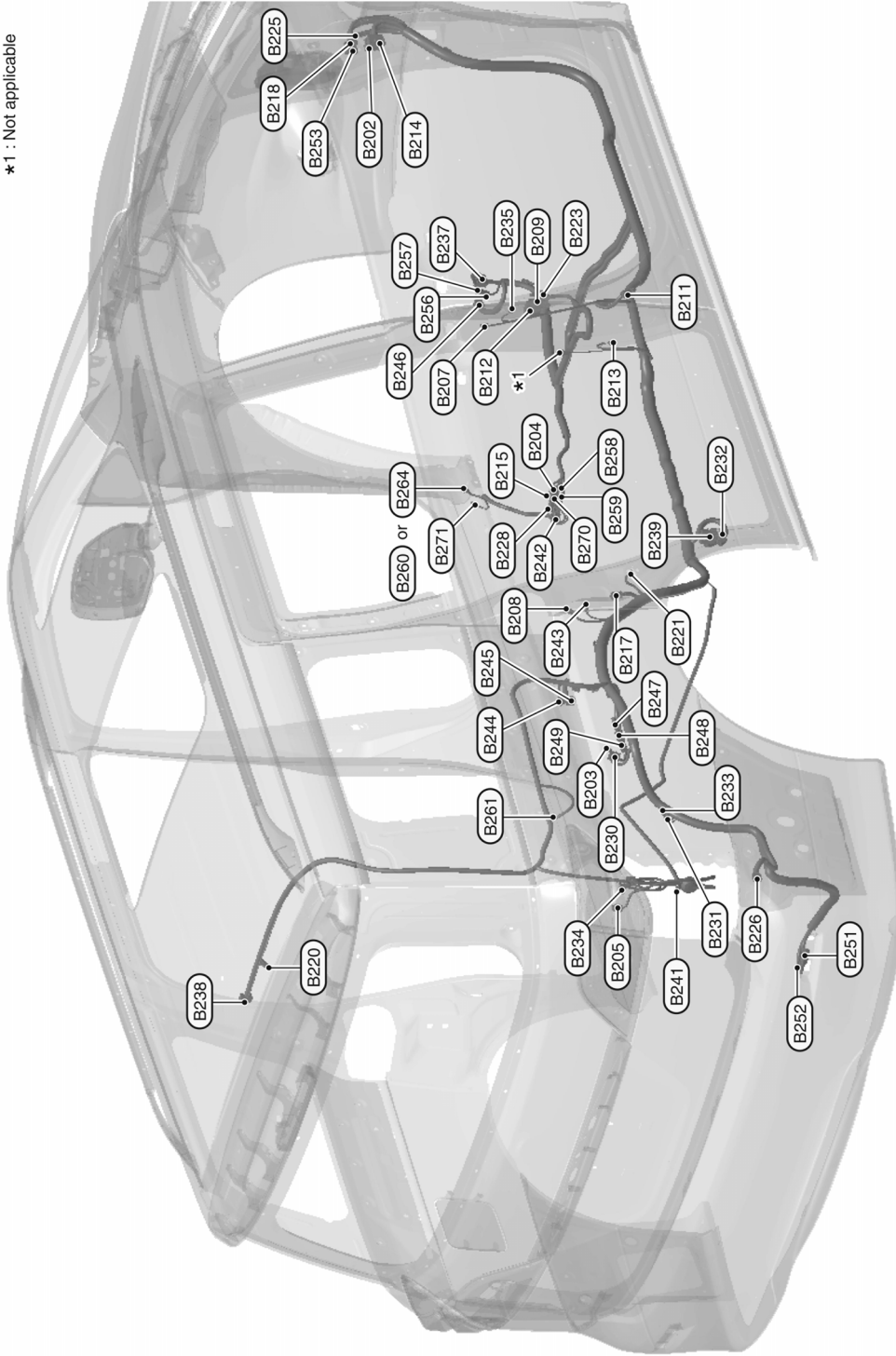
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HARNES LAYOUT

< WIRING DIAGRAM >
BODY No.2 HARNES

BODY No. 2 HARNES

*1 : Not applicable



2014/07/25

JRMIC5113GB

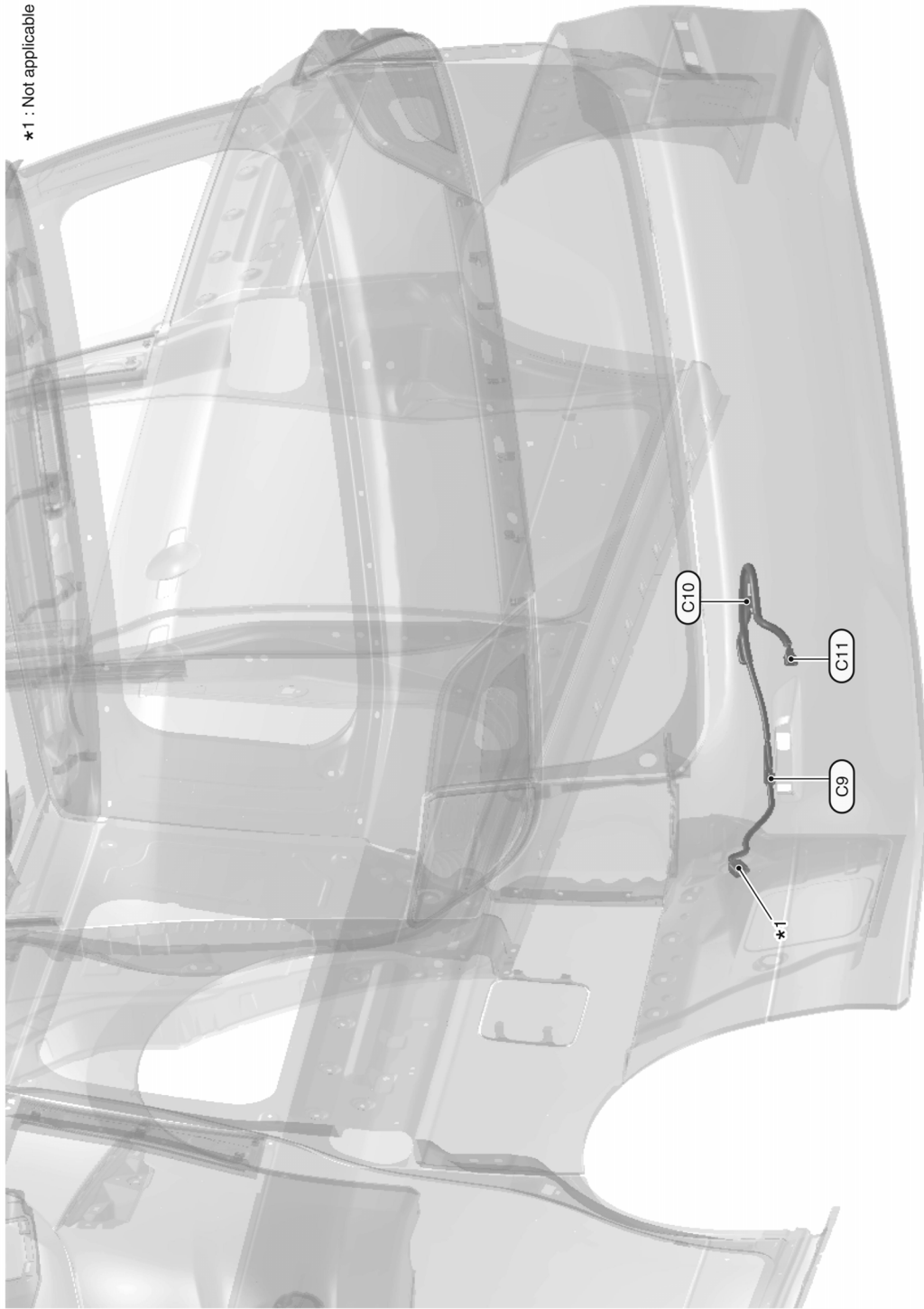
HARNES LAYOUT

< WIRING DIAGRAM >

Chassis Harness

INFOID:000000011321069

CHASSIS HARNESS



2014/07/25

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HARNESS LAYOUT

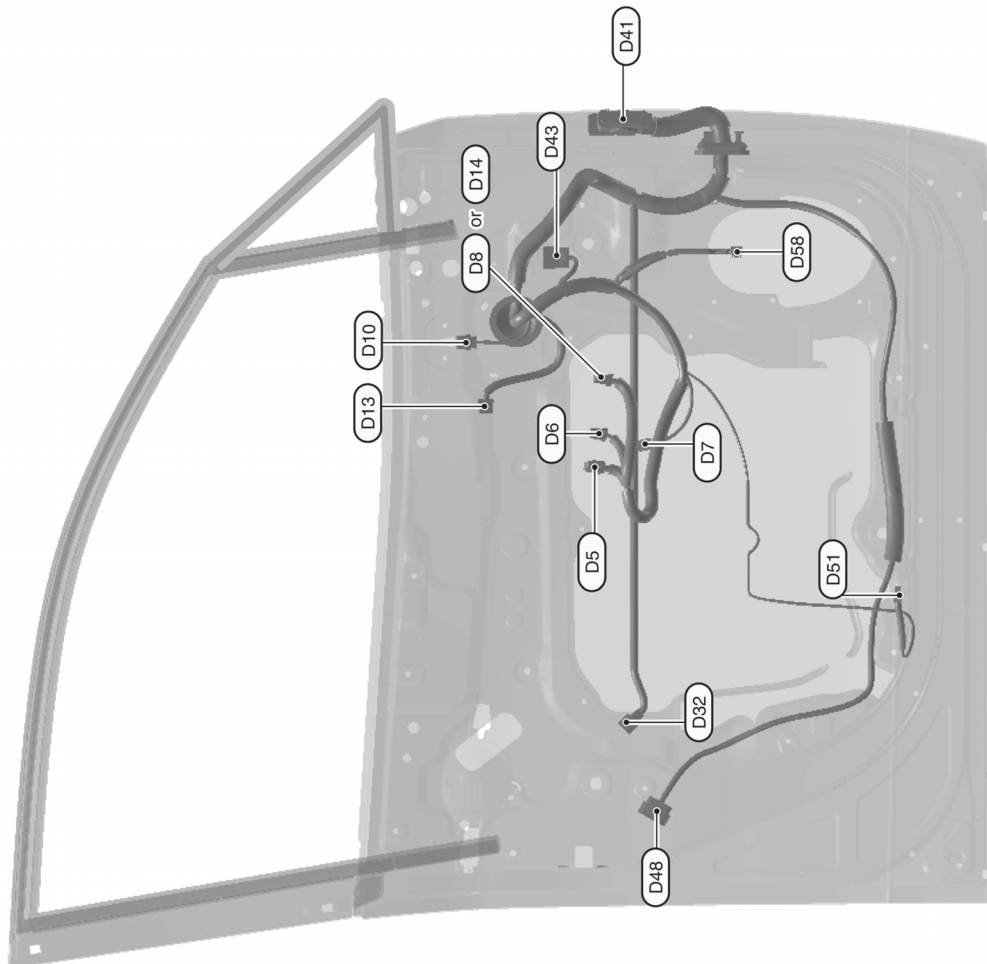
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Door Harness

INFOID:000000011321070

FRONT DOOR HARNESS (LH SIDE)

FRONT DOOR HARNESS (LH SIDE)



JRMIC1980GB

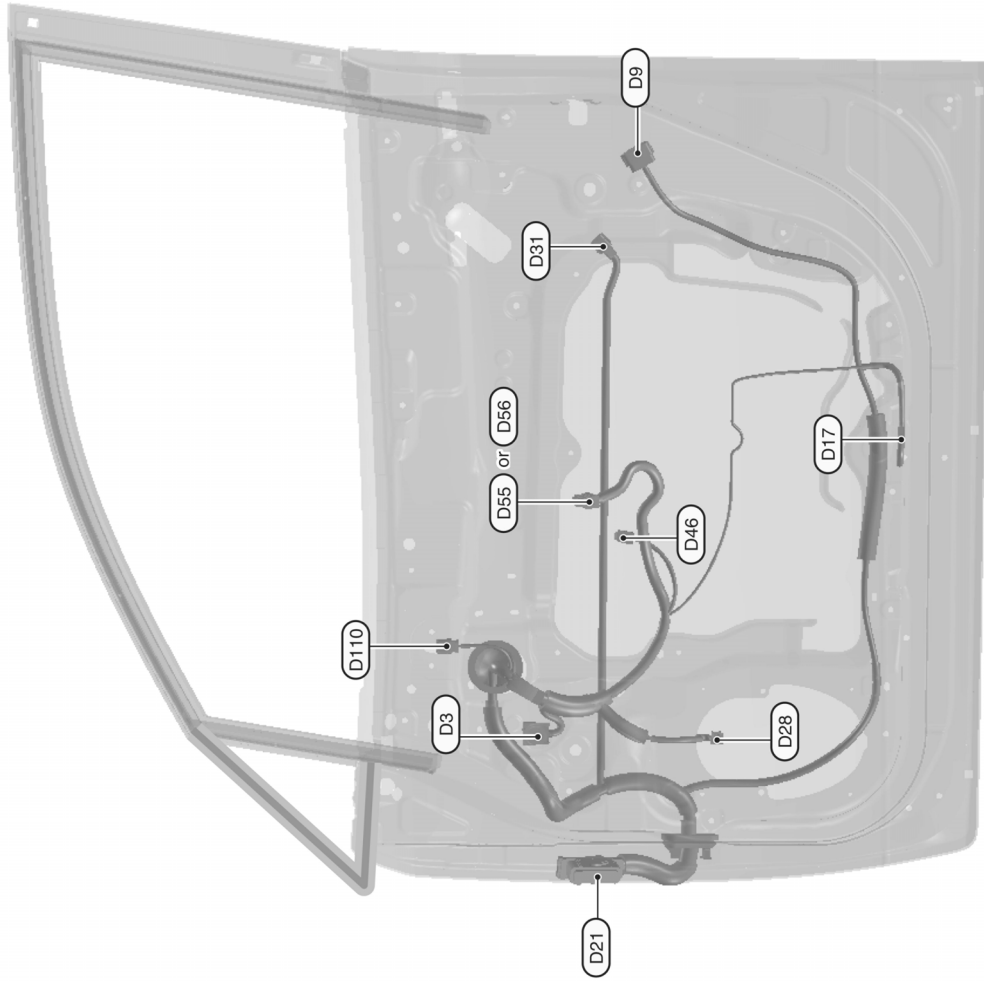
2012/07/19

HARNES LAYOUT

< WIRING DIAGRAM >

FRONT DOOR HARNESS (RH SIDE)

FRONT DOOR HARNESS (RH SIDE)



JRMIC1981GB
2012/07/19

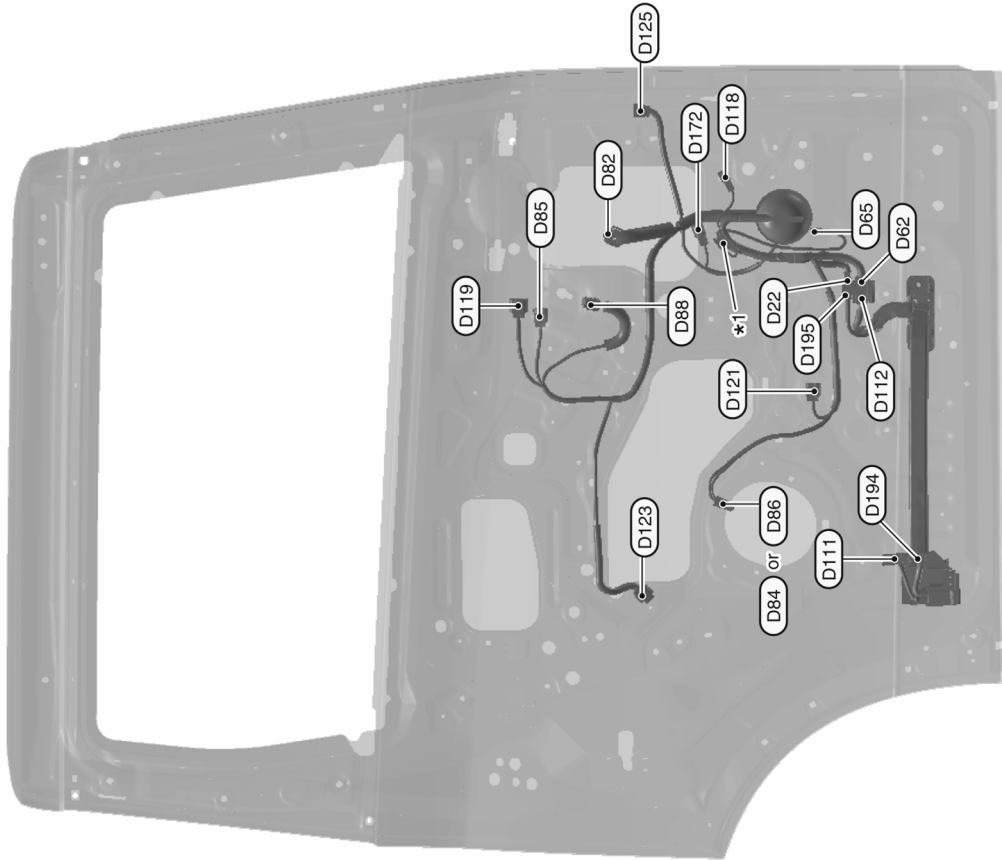
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HARNES LAYOUT

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SLIDE DOOR HARNES (LH SIDE)

*1 : Not applicable



SLIDE DOOR HARNES (LH SIDE)

2014/07/25

JRMIC5158GB

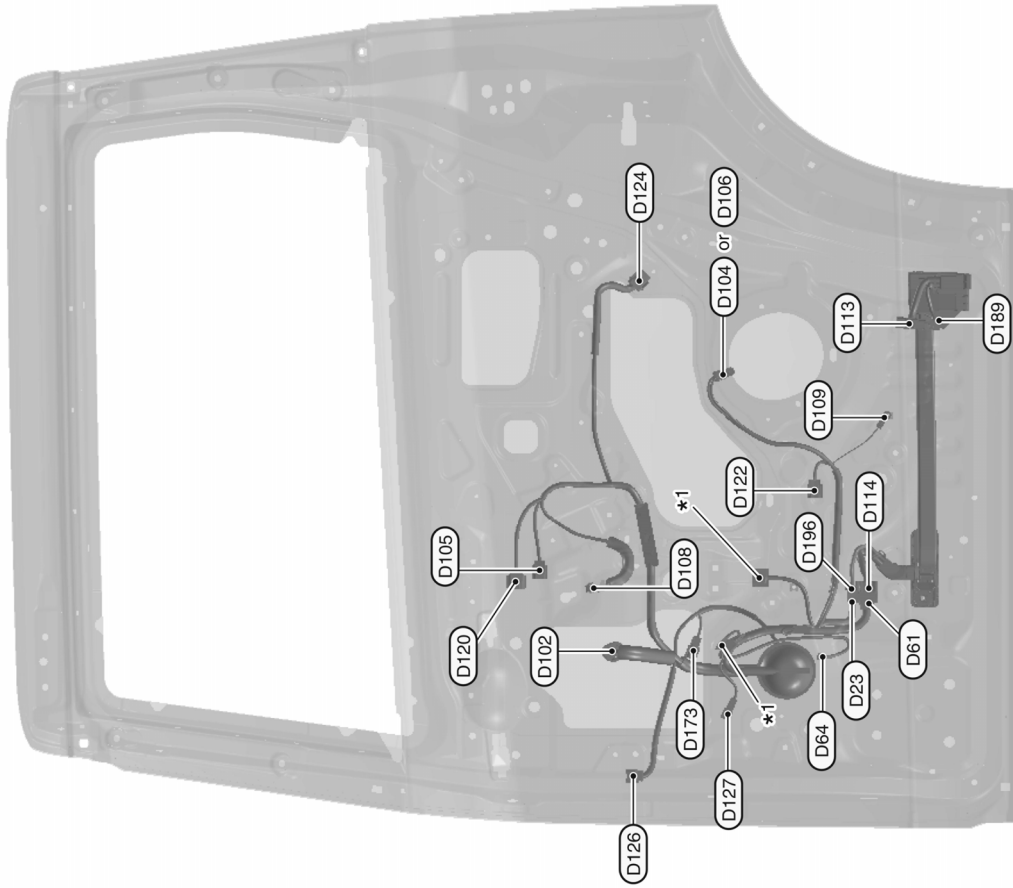
HARNES LAYOUT

< WIRING DIAGRAM >

SLIDE DOOR HARNES (RH SIDE)

SLIDE DOOR HARNES (RH SIDE)

*1 : Not applicable



2014/07/25

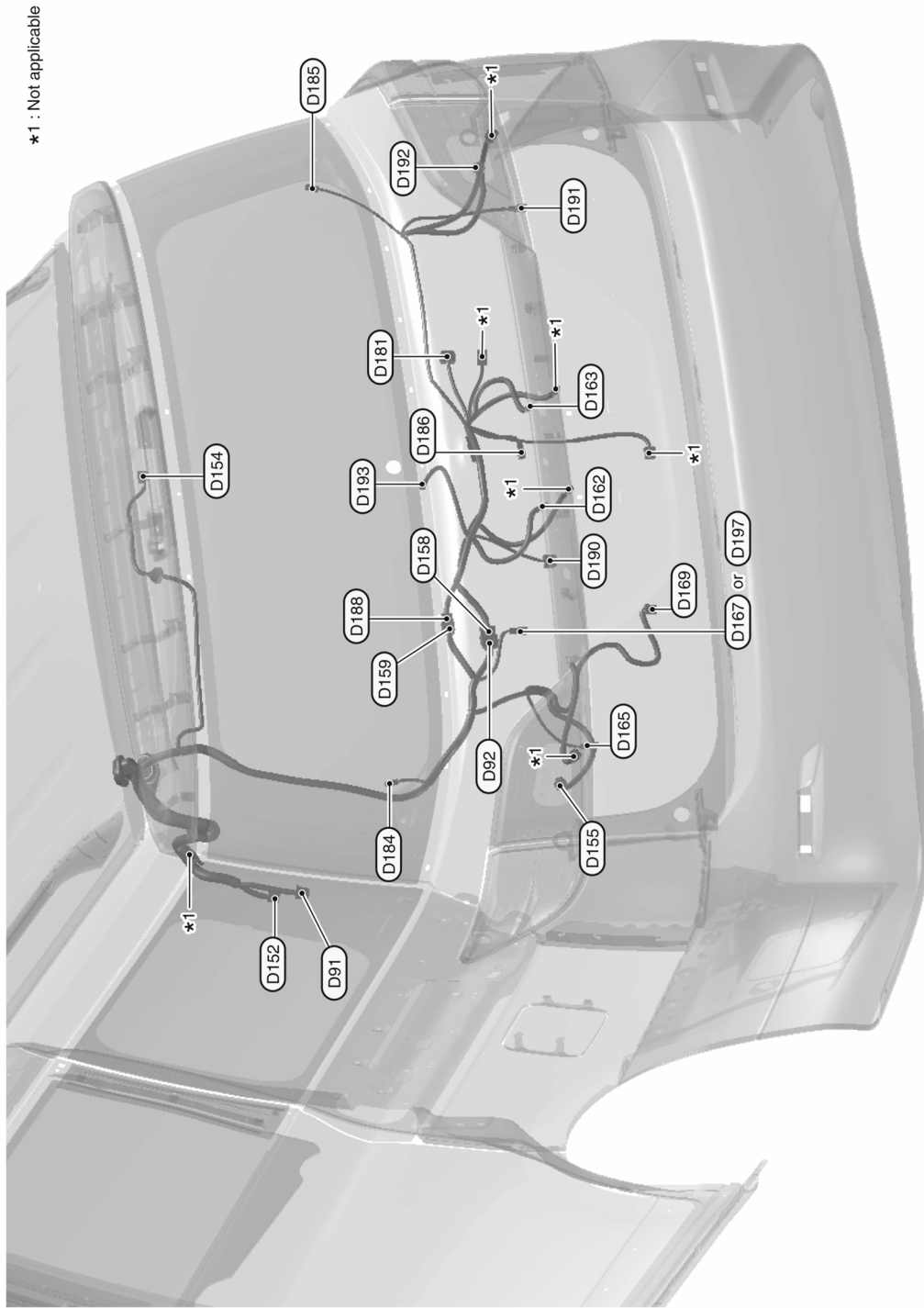
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HARNES LAYOUT

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BACK DOOR HARNESS

BACK DOOR HARNESS



2014/07/25

JRMIC5160GB

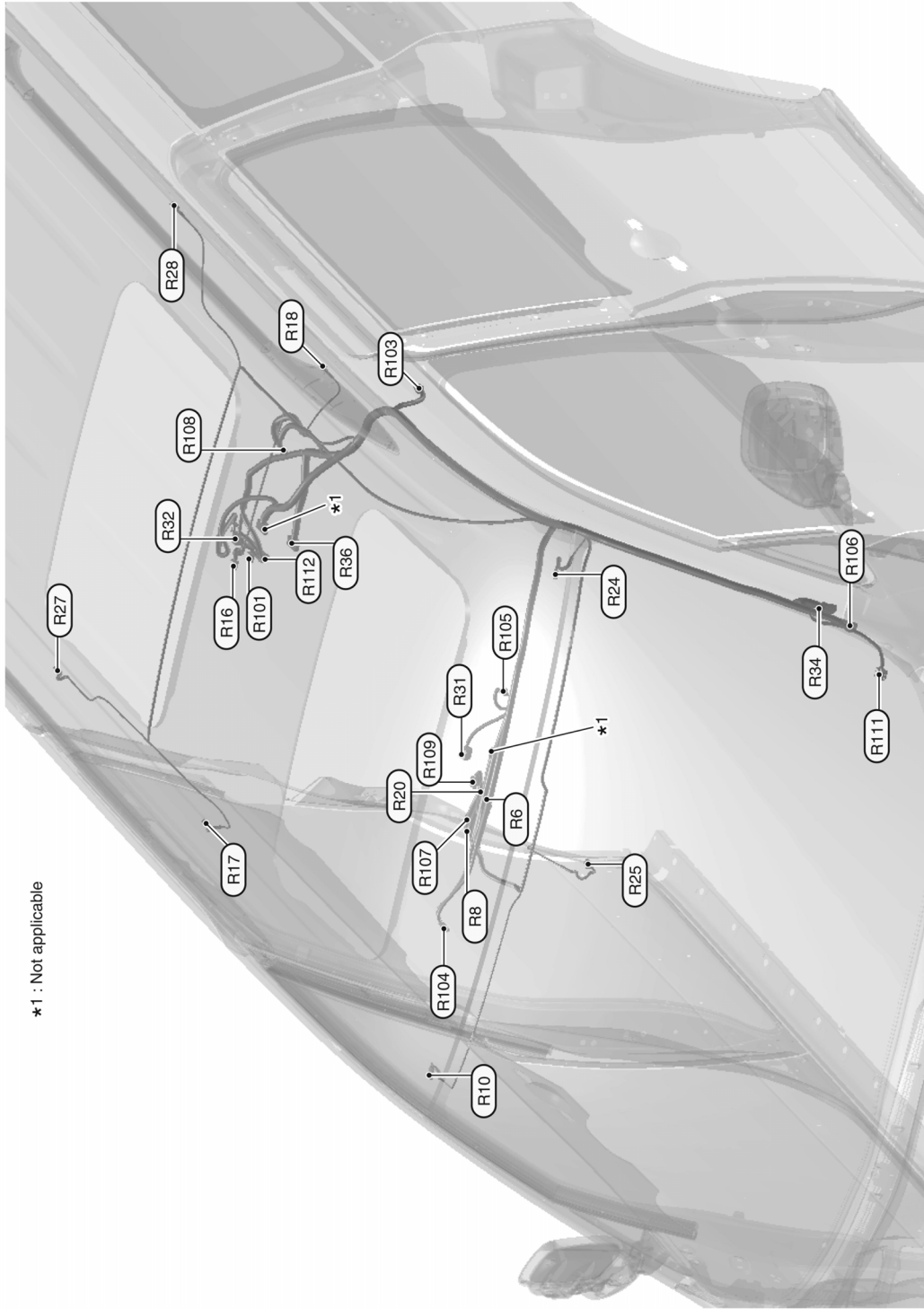
HARNES LAYOUT

< WIRING DIAGRAM >

Room Lamp Harness

INFOID:000000011321071

ROOM LAMP HARNESS



*1 : Not applicable

2014/07/25

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BATTERY INSPECTION

< BASIC INSPECTION >

BASIC INSPECTION

BATTERY INSPECTION

How to Handle Battery

INFOID:000000011321072

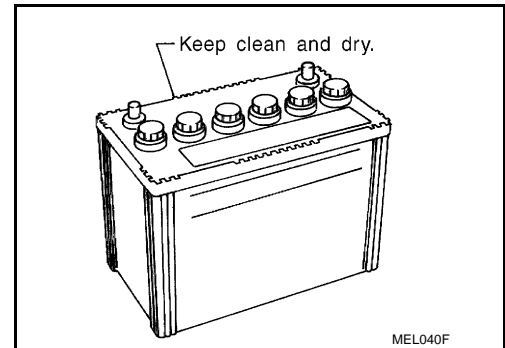
CAUTION:

- 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.

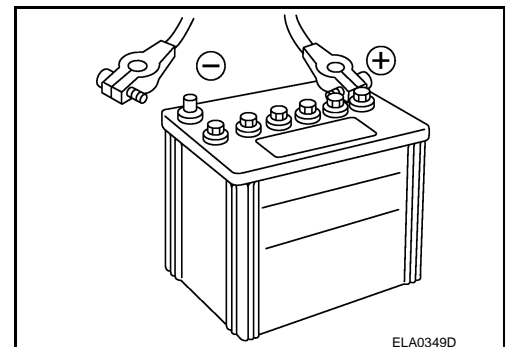
METHODS OF PREVENTING OVER-DISCHARGE

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:000000011321073

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

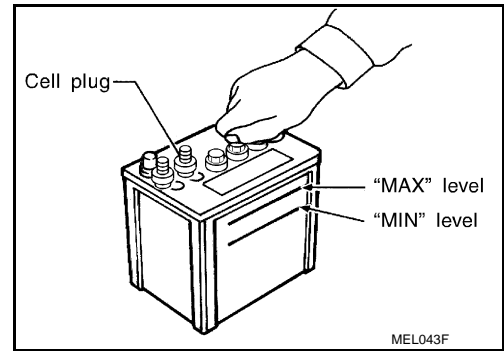
WARNING:

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.

BATTERY INSPECTION

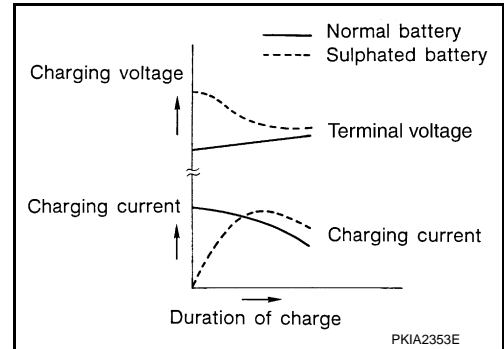
< BASIC INSPECTION >

- 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.



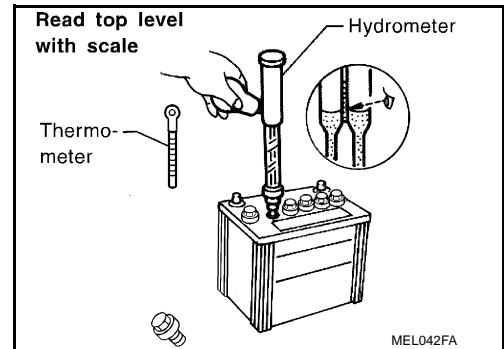
Specific Gravity Check

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 | 7 | 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 | 16 | 0.5 |
| 1/2 charged | 33 | |
| 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.

FUSE INSPECTION

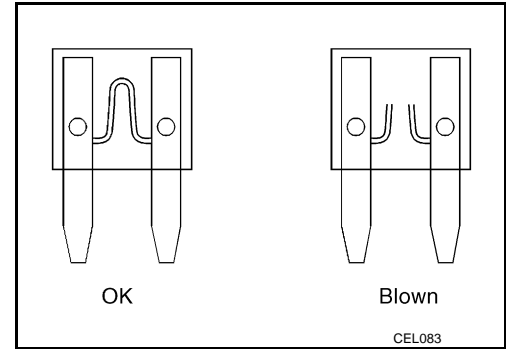
< BASIC INSPECTION >

FUSE INSPECTION

How To Check

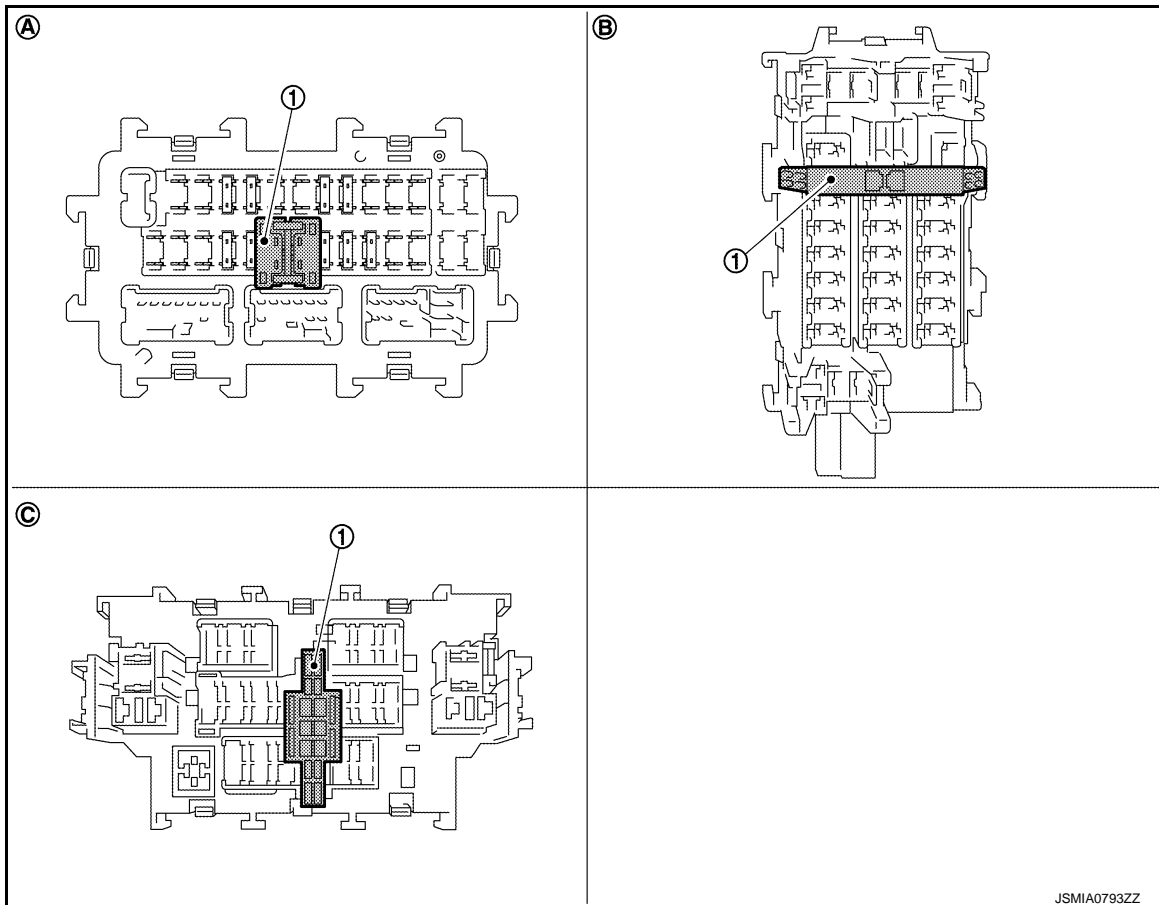
INFOID:000000011321074

- 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.

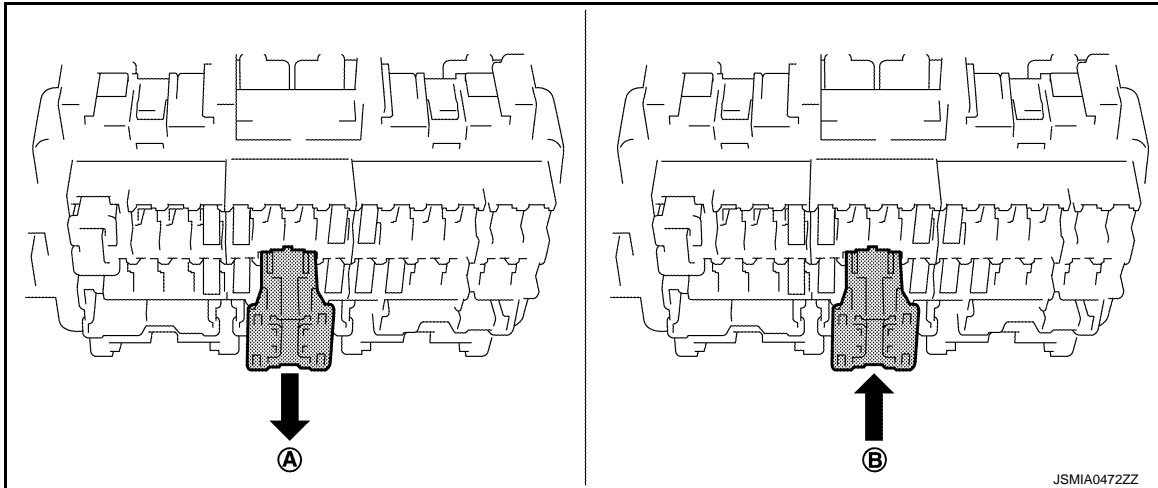
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FUSE INSPECTION

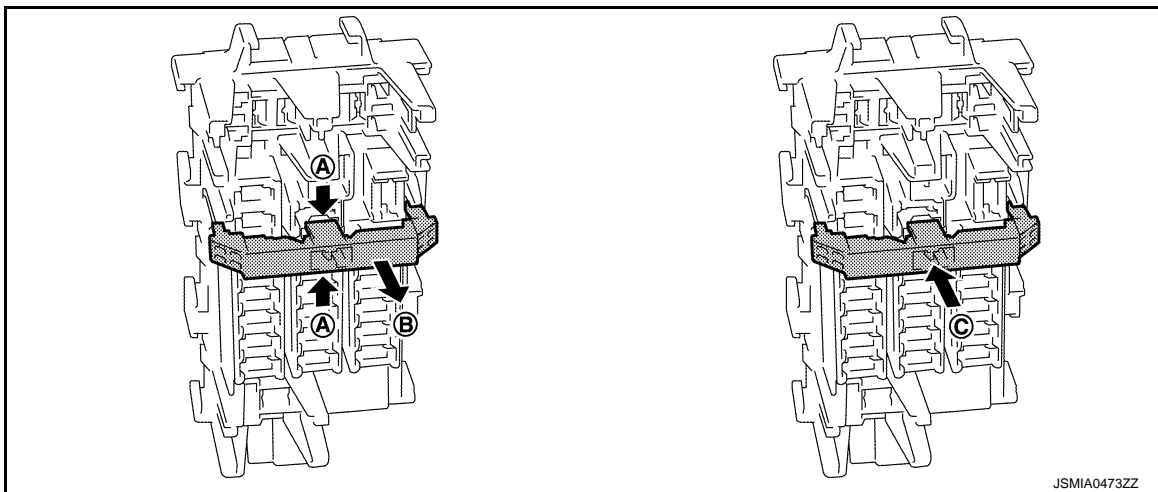
< BASIC INSPECTION >

- Type A



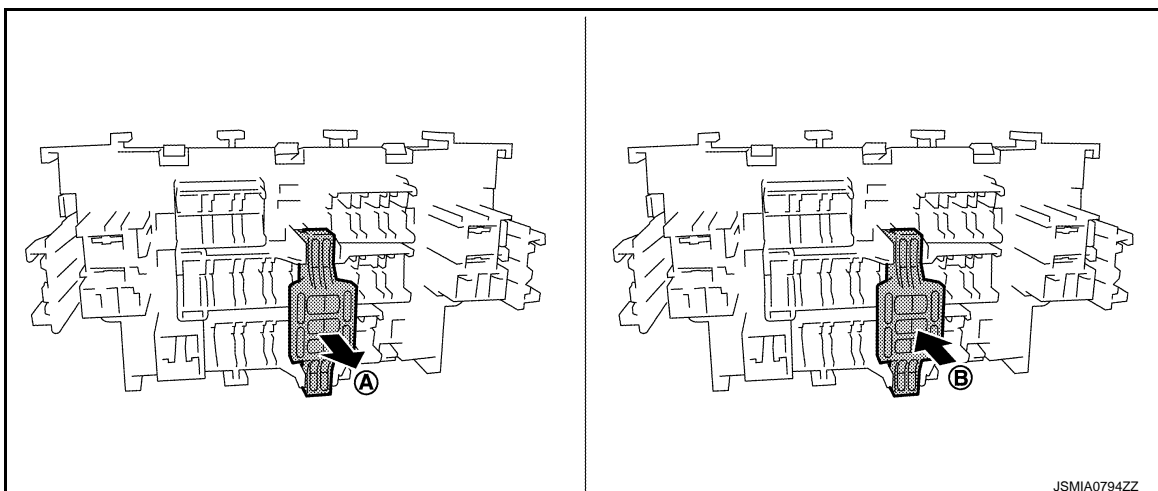
- To turn the extended storage fuse switch OFF, pull it up in (A) direction as shown in the figure.
- To turn the extended storage fuse switch ON, press it in (B) direction as shown in the figure.

- Type B



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

- Type C



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

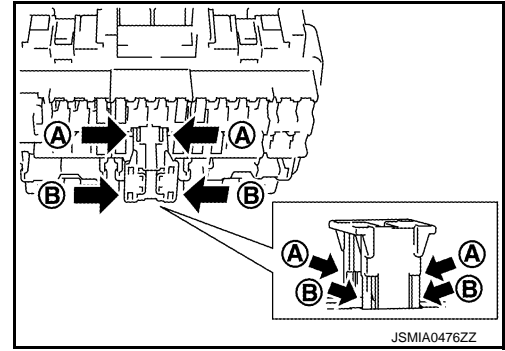
How To Remove Extended Storage Fuse Switch

Type A

FUSE INSPECTION

< BASIC INSPECTION >

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

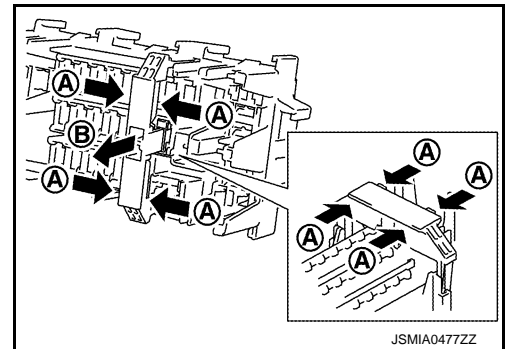


NOTE:

- 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.

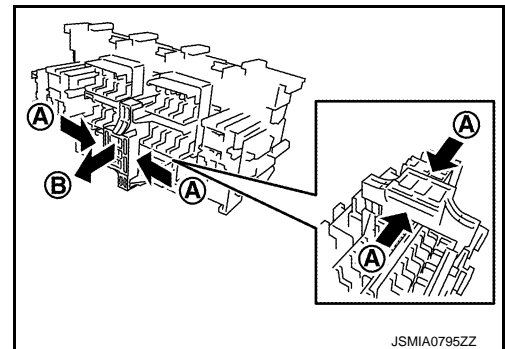


NOTE:

- 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.

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FUSE INSPECTION

< BASIC INSPECTION >

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

FUSIBLE LINK INSPECTION

< BASIC INSPECTION >

FUSIBLE LINK INSPECTION

How To Check

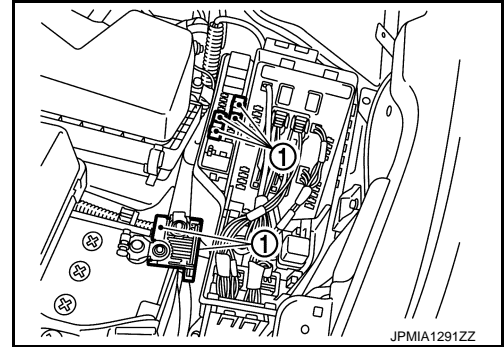
INFOID:000000011321075

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

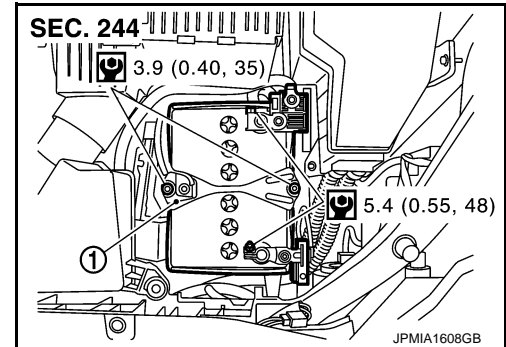
BATTERY

Exploded View

INFOID:000000011321076

1 : Battery fix frame

 : N·m (kg-m, in-lb)



Removal and Installation

INFOID:000000011321077

REMOVAL

1. Remove air duct (inlet). Refer to [EM-27, "Removal and Installation"](#).
2. Disconnect the battery cable from the negative terminal.

CAUTION:

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

3. Remove the nut and bolt and remove the ECM bracket from the battery fix frame.
4. Remove cover of battery positive terminal.
5. Disconnect the battery cable from the positive terminal.
6. Remove battery fix frame mounting nuts and battery fix frame.
7. Remove battery.

INSTALLATION

Install in the reverse order of removal.

CAUTION:

To install the battery, carefully read the following instructions.

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

Reset electronic systems as necessary. Refer to [GI-58, "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Required Procedure After Battery Disconnection"](#).

BATTERY TERMINAL WITH FUSIBLE LINK

< REMOVAL AND INSTALLATION >


BATTERY TERMINAL WITH FUSIBLE LINK

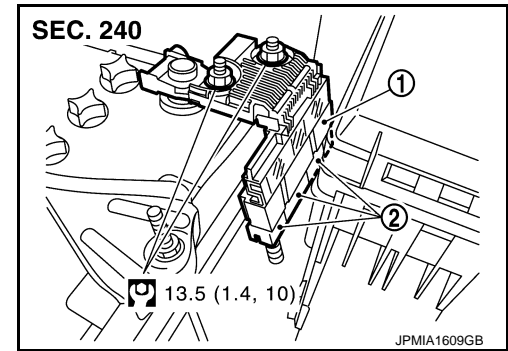
Exploded View

INFOID:000000011321078

1 : Battery terminal with fusible link

2 : Harness connector

 : N·m (kg·m, ft·lb)



Removal and Installation

INFOID:000000011321079

REMOVAL

1. Disconnect the battery cable from the negative terminal. Refer to [PG-118, "Exploded View"](#).

CAUTION:

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

2. Remove cover of battery positive terminal.
3. Disconnect the battery cable from the positive terminal. Refer to [PG-118, "Exploded View"](#).
4. Remove harness mounting nut and battery terminal with fusible link mounting nut.
5. Disconnect harness connector and remove battery terminal with fusible link.

INSTALLATION

Install in the reverse order of removal.

CAUTION:

To prevent damage to the parts, connect the battery cable to the positive terminal first.

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BATTERY CURRENT SENSOR

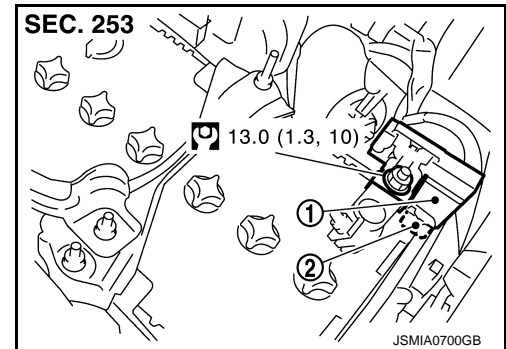
< REMOVAL AND INSTALLATION >

BATTERY CURRENT SENSOR

Exploded View

INFOID:000000011321080

- 1 : Battery current sensor
(with battery temperature sensor)
- 2 : Harness connector
-  : N·m (kg·m, ft·lb)



Removal and Installation

INFOID:000000011321081

REMOVAL

1. Disconnect the battery cable from the negative terminal. Refer to [PG-118, "Exploded View"](#).
2. Disconnect the battery current sensor connector.
3. Remove the battery current sensor mounting nut.
4. Remove the battery current sensor from battery cable.

INSTALLATION

Install in the reverse order of removal.

SERVICE DATA AND SPECIFICATIONS (SDS)

< SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

SERVICE DATA AND SPECIFICATIONS (SDS)

Battery

INFOID:0000000011321082

| | | |
|---|----------|------------|
| Type | | 110D26L-HR |
| 20 hour rate capacity | [V – Ah] | 12 – 75 |
| Cold cranking current (For reference value) | [A] | 720 |

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