

SECTION **SE**
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PRECAUTIONS

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PRECAUTION

PRECAUTIONS

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

INFOID:000000009011740

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

WARNING:

Always observe the following items for preventing accidental activation.

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

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

WARNING:

Always observe the following items for preventing accidental activation.

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

Precautions for Removing of Battery Terminal

INFOID:000000009879455

- 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.

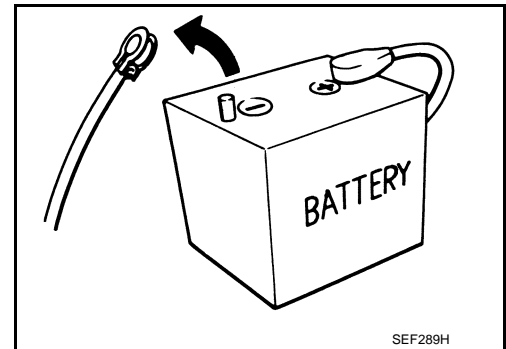
NOTE:

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.



Service Notice

INFOID:000000009011741

- When removing or installing various parts, place a cloth or padding onto the vehicle body to prevent scratches.
- Handle trim, molding, instruments, grille, etc. carefully during removing or installing. Be careful not to oil or damage them.
- Apply sealing compound where necessary when installing parts.
- When applying sealing compound, be careful that the sealing compound never protrudes from parts.

PRECAUTIONS

< PRECAUTION >

- When replacing any metal parts (for example body outer panel, members, etc.), always take rust prevention measures.

A

Precaution for Work

INFOID:000000009011742

- When removing or disassembling each component, be careful not to damage or deform it. If a component may be subject to interference, always protect it with a shop cloth.
- When removing (disengaging) components with a screwdriver or similar tool, always wrap the component with a shop cloth or vinyl tape to protect it.
- Protect the removed parts with a shop cloth and keep them.
- Replace a deformed or damaged clip.
- If a part is specified as a non-reusable part, always replace it with new one.
- Always tighten bolts and nuts securely to the specified torque.
- After reinstallation is complete, always check that each part works normally.
- Follow the steps below to clean components.
- Water soluble foul: Dip a soft cloth into lukewarm water, and wring the water out of the cloth to wipe the fouled area.
Then rub with a soft and dry cloth.
- Oily foul: Dip a soft cloth into lukewarm water with mild detergent (concentration: within 2 to 3%), and wipe the fouled area.
Then dip a cloth into fresh water, and wring the water out of the cloth to wipe the detergent off. Then rub with a soft and dry cloth.
- Never use organic solvent such as thinner, benzene, alcohol, and gasoline.
- For genuine leather seats, and use a genuine leather seat cleaner.

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PREPARATION

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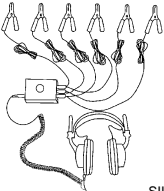
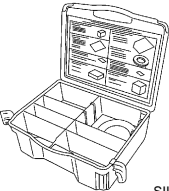
PREPARATION

PREPARATION

Special Service Tools

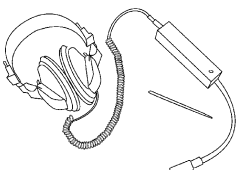
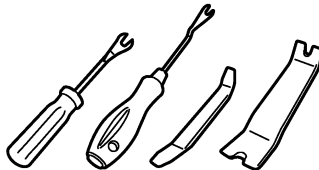
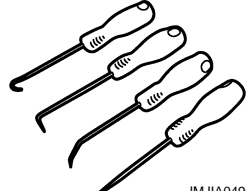
INFOID:000000009695241

The actual shapes of Kent-Moore tools may differ from those of special service tools illustrated here.

Tool number (Kent-Moore No.) Tool name	Description
<p>(J-39570) Chassis ear</p>  <p style="text-align: right;">SIIA0993E</p>	<p>Locates the noise</p>
<p>(J-50397) NISSAN Squeak and Rattle Kit</p>  <p style="text-align: right;">SIIA0994E</p>	<p>Repairs the cause of noise</p>

Commercial Service Tool

INFOID:000000009695242

Tool name	Description
<p>Engine ear</p>  <p style="text-align: right;">SIIA0995E</p>	<p>Locates the noise</p>
<p>Remover tool</p>  <p style="text-align: right;">JMKIA3050ZZ</p>	<p>Removes clips, pawls, and metal clips</p>
<p>Hook and pick tool</p>  <p style="text-align: right;">JMJA0490ZZ</p>	<p>Removes the snap pins</p>

CLIP LIST

< PREPARATION >

CLIP LIST

Clip List

INFOID:000000009011744

Shapes	Removal & Installation	Shapes	Removal & Installation
	<p>Removal: Remove by bending up with flat-bladed screwdrivers or clip remover.</p>	<p>Clip A Clip B</p>	<p>Removal:</p> <p>Finisher Clip A Flat-bladed screwdriver Clip B</p>
	<p>Removal: Remove with a clip remover.</p>	<p>Clip A Clip B (Grommet)</p>	<p>Removal:</p> <p>Flat-bladed screwdriver Finisher Body panel Clip A Clip B (Grommet)</p>
	<p>Removal: Push center pin to catching position. (Do not remove center pin by hitting it.)</p> <p>Push</p> <p>Installation:</p> <p>Push</p>		<p>Removal: Holder portion of clip must be spread out to remove rod.</p>
	<p>Removal: Remove by bending up with flat-bladed screwdrivers or clip remover.</p> <p>Clip Finisher</p>		<p>Removal:</p> <ol style="list-style-type: none"> Screw out with a Phillips screwdriver. Remove female portion with flat-bladed screwdriver.
	<p>Removal:</p>		<p>Removal:</p> <p>Rotate 45° to remove.</p> <p>Installation:</p>
	<p>Removal:</p>		<p>Removal:</p>

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COMPONENT PARTS

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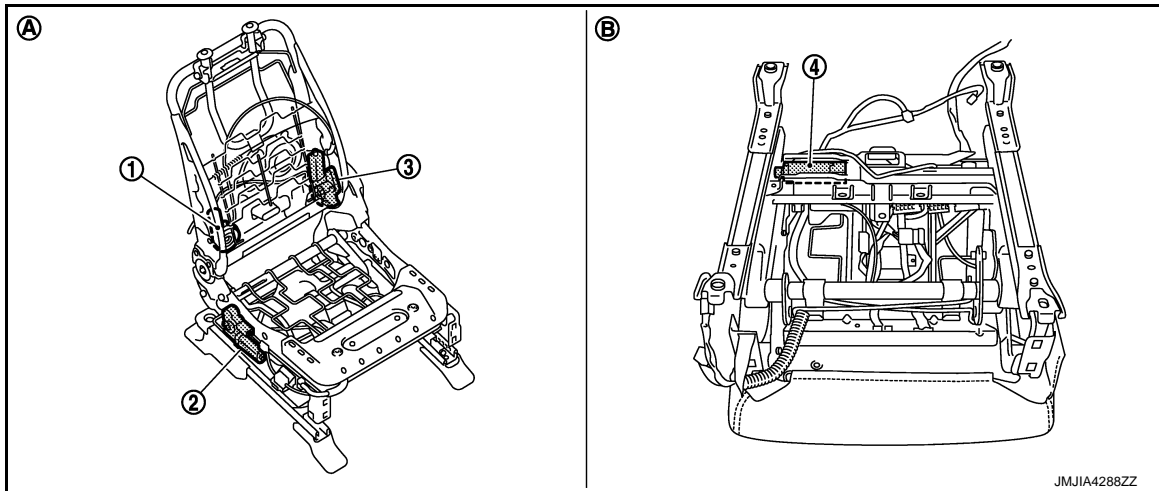
SYSTEM DESCRIPTION

COMPONENT PARTS

POWER SEAT SYSTEM

POWER SEAT SYSTEM : Component Parts Location

INFOID:000000009011745



- 1. Lumber support motor
 - 2. Lifting motor
 - 3. Reclining motor
 - 4. Sliding motor
- A. View with seat cushion pad and seat back pad removed. B. Back side of seat cushion back pad removed.

POWER SEAT SYSTEM : Component Description

INFOID:000000009011746

Item	Function
BCM	Supplies at all times the power received from battery to power seat switch
Power seat switch	Built-in reclining switch, sliding switch and lifting switch, controls the power supplied to each motor
Reclining motor	With the power supplied from power seat switch, operates the forward and backward movement of seatback
Sliding motor	With the power supplied from power seat switch, operates the forward and backward slide of seat
Lifting motor	With the power supplied from power seat switch, operates the up and down movement of seat cushion

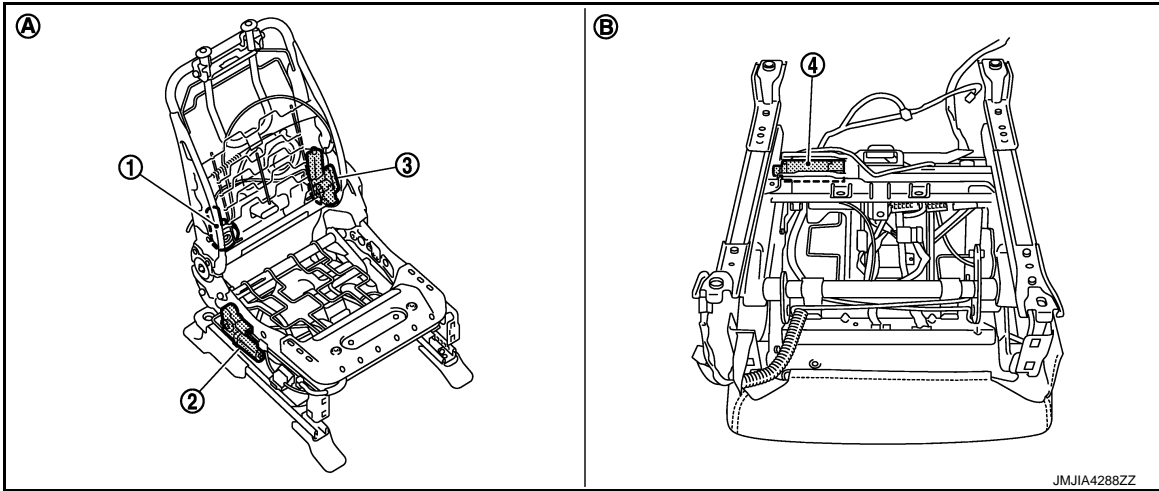
LUMBAR SUPPORT SYSTEM

COMPONENT PARTS

< SYSTEM DESCRIPTION >

LUMBAR SUPPORT SYSTEM : Component Parts Location

INFOID:000000009011747



- 1. Lumber support motor
- 2. Lifting motor
- 3. Reclining motor
- 4. Sliding motor
- A. View with seat cushion pad and seat back pad removed.
- B. Back side of seat cushion back pad removed.

LUMBAR SUPPORT SYSTEM : Component Description

INFOID:000000009011748

Item	Function
BCM	Supplies at all times the power received from battery to power seat switch
Lumbar support switch	Controls the power supplied to lumbar support motor
Lumbar support motor	With the power supplied from lumbar support switch, operates the forward and backward movement of seatback support device

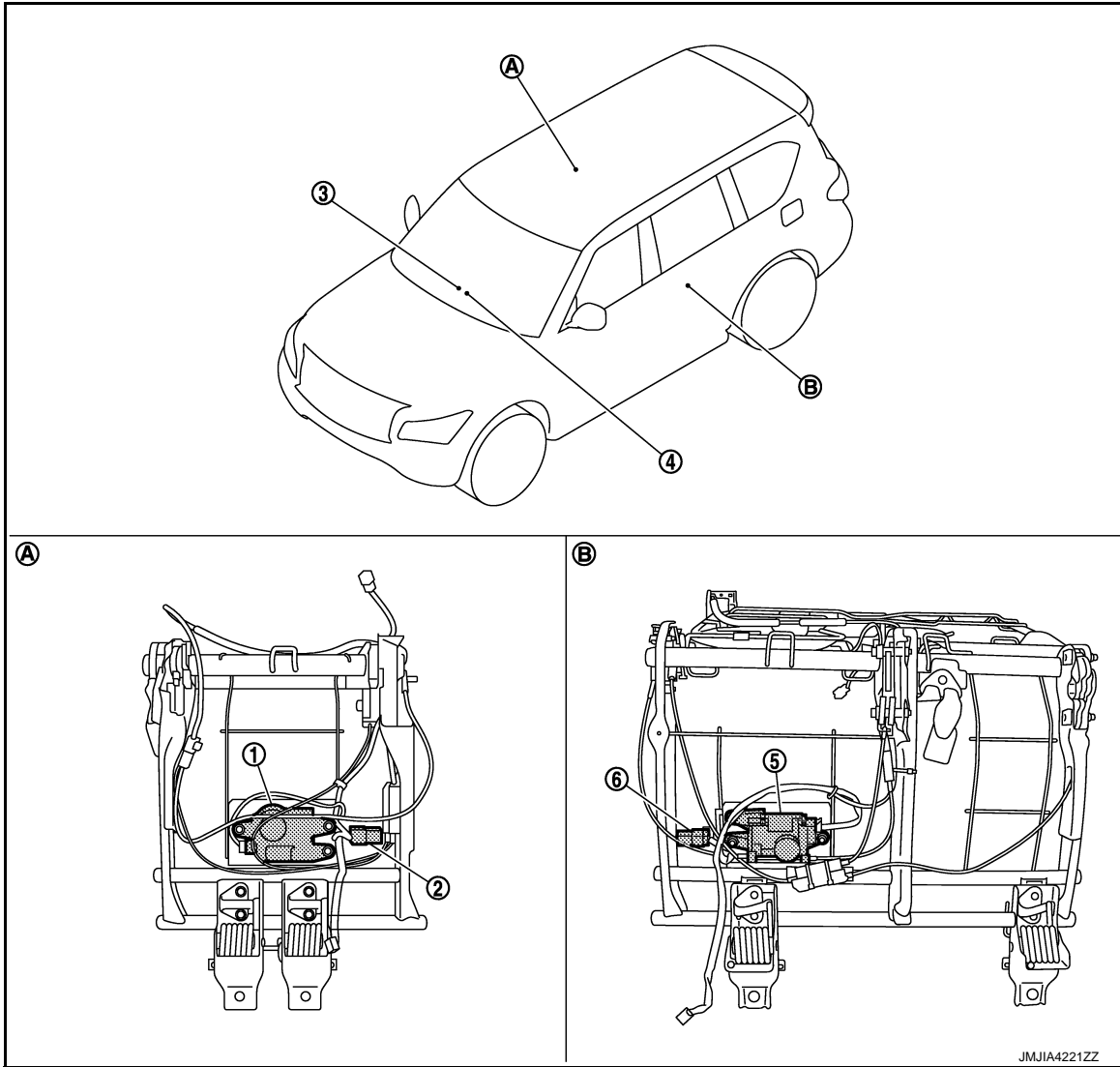
SECOND SEAT POWER UNLOCK SYSTEM

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COMPONENT PARTS

< SYSTEM DESCRIPTION >

SECOND SEAT POWER UNLOCK SYSTEM : Component Parts Location INFOID:000000009011749



- | | | |
|--|--|---------------------------------------|
| 1. Power unlock motor RH | 2. Power unlock relay RH | 3. Second seat power unlock switch RH |
| 4. Second seat power unlock switch LH | 5. Power unlock motor LH | 6. Power unlock relay LH |
| A. View with seat cushion pad and seat back pad removed. | B. View with seat cushion pad and seat back pad removed. | |

SECOND SEAT POWER UNLOCK SYSTEM : Component Description INFOID:000000009011750

Item	Function
Second seat unlock switch	supplies power supply to power unlock relay and operates power unlock system.
Power unlock relay	Supplies battery power supply to motor when receiving power supply from power unlock switch.
Power unlock motor	Releases lock when receiving battery power supply from power unlock relay.

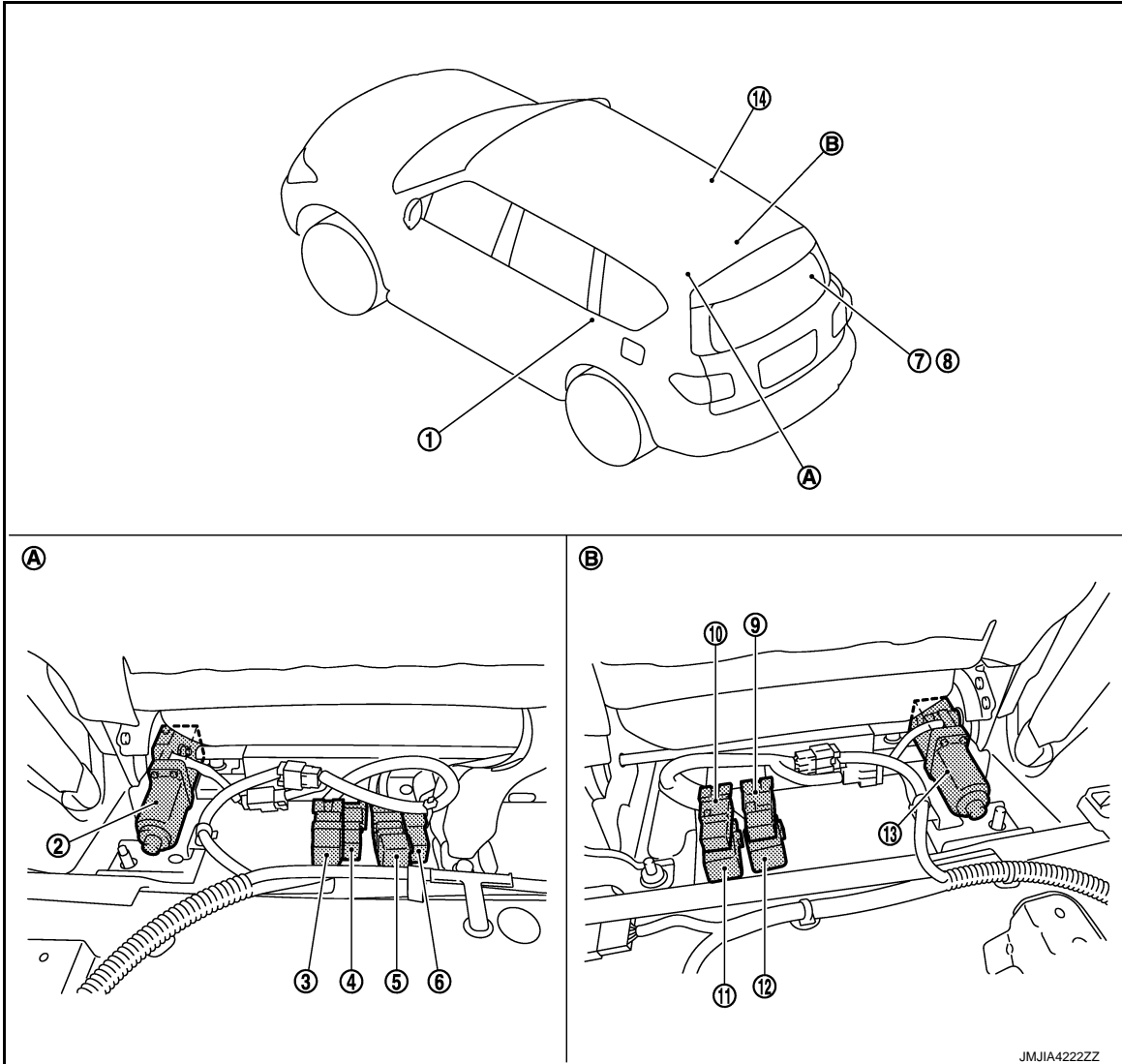
THIRD SEAT SEATBACK POWER FOLDING SYSTEM

COMPONENT PARTS

< SYSTEM DESCRIPTION >

THIRD SEAT SEATBACK POWER FOLDING SYSTEM : Component Parts Location

INFOID:000000009011751



- | | | |
|--|--|---------------------|
| 1. Reclining switch LH | 2. Folding motor LH | 3. Up relay 1 LH |
| 4. Up relay 2 LH | 5. Down relay 1 LH | 6. Down relay 2 LH |
| 7. Fold down switch RH | 8. Fold down switch LH | 9. Down relay 2 RH |
| 10. Up relay 2 RH | 11. Up relay 1 RH | 12. Down relay 1 RH |
| 13. Folding motor RH | 14. Reclining switch RH | |
| A. View with luggage lower board LH removed. | B. View with luggage lower board RH removed. | |

THIRD SEAT SEATBACK POWER FOLDING SYSTEM : Component Description

INFOID:000000009011752

Item	Function
Reclining switch	supplies power supply to up relay or down relay and operates reclining and folding function of third seat.
Fold down switch	supplies power supply to up relay or down relay and operates reclining and folding function of third seat.
Folding motor	Receives power supply from fold down switch and reclining switch, and operates seatback forward and backward.

COMPONENT PARTS

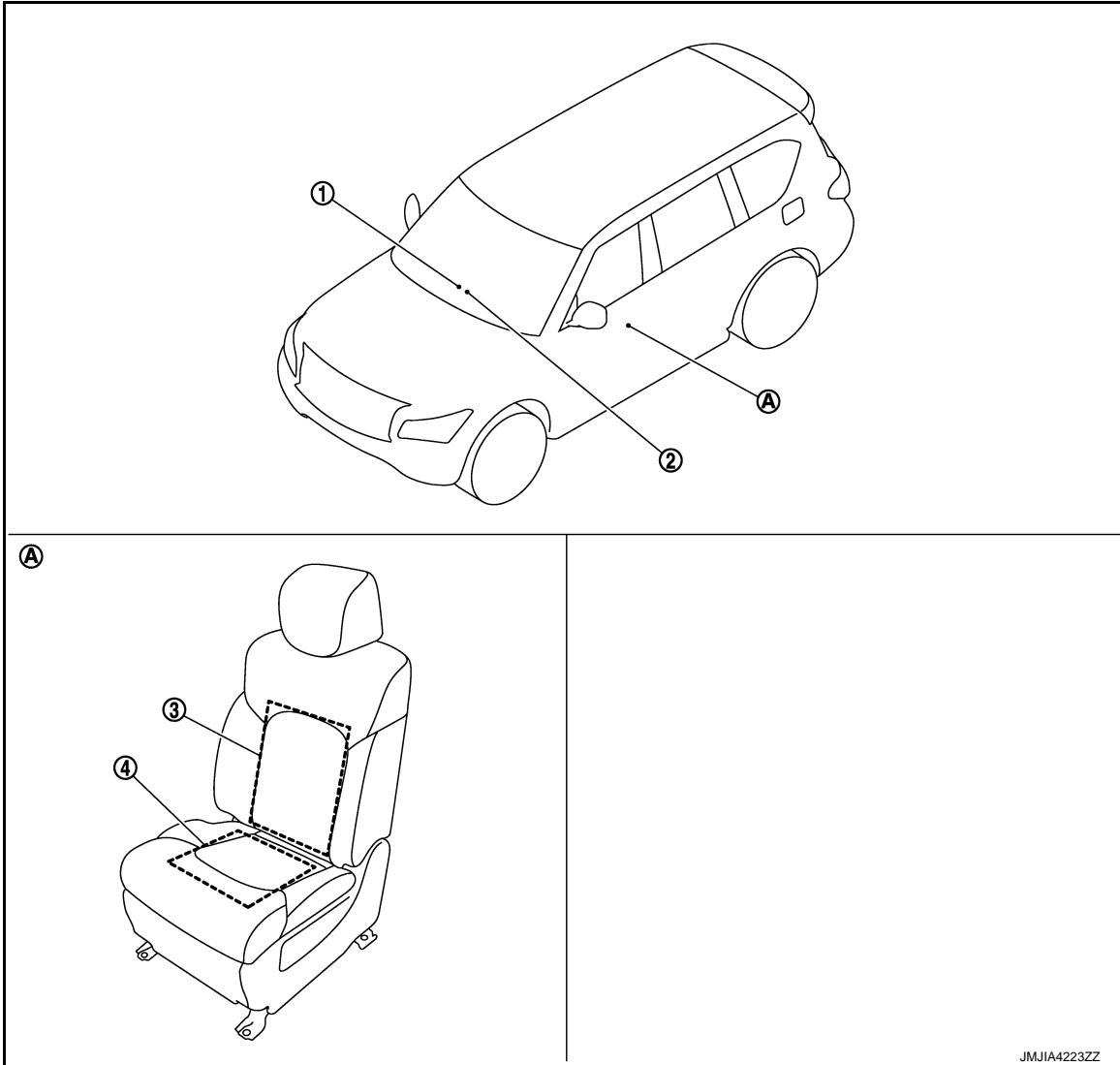
< SYSTEM DESCRIPTION >

Item	Function
Up relay 1/2	Supplies battery power supply to motor when receiving power supply from fold down switch or reclining switch.
Down relay 1/2	Supplies battery power supply to motor when receiving power supply from fold down switch or reclining switch.

FRONT HEATED SEAT SYSTEM

FRONT HEATED SEAT SYSTEM : Component Parts Location

INFOID:000000009011754



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- 1. Front heated seat switch (driver side)
- 2. Front heated seat switch (passenger side)
- 3. Seat back heater
- 4. Seat cushion heater
- A. Front seat

FRONT HEATED SEAT SYSTEM : Component Description

INFOID:000000009011754

Item	Function
Front heated seat switch	Supplies power supply to each heated seat and operates switching of HI/LO of heated seat and ON/OFF of the system.
Seat cushion heater	Built-in seat cushion, the heater operates with the power supplied by heater seat switch.
Seat back heater	Built-in seatback, the heater operates with the power supplied by heater seat switch.

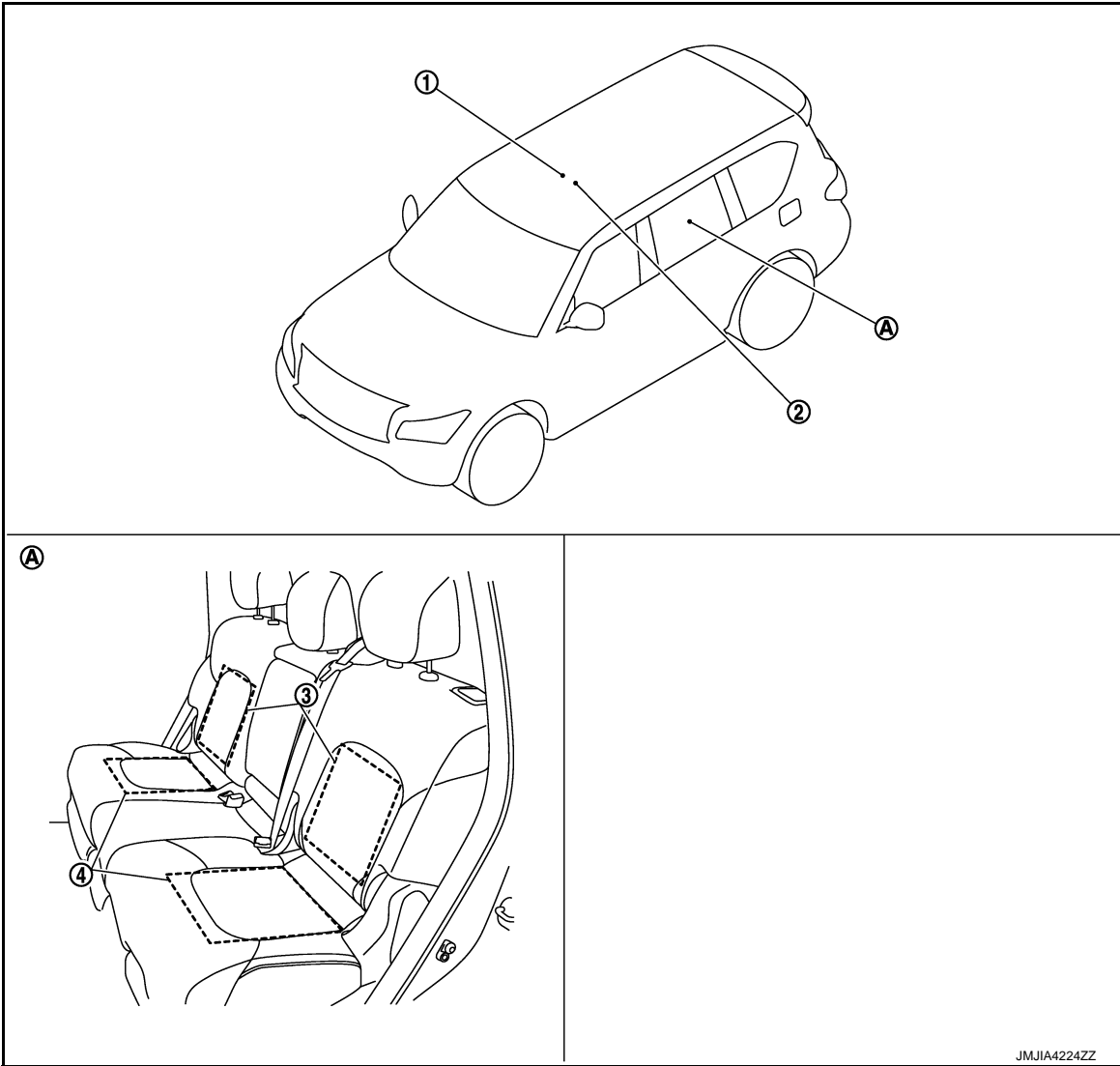
COMPONENT PARTS

< SYSTEM DESCRIPTION >

SECOND HEATED SEAT SYSTEM

SECOND HEATED SEAT SYSTEM : Component Parts Location

INFOID:000000009011755



- 1. Heated seat switch LH
- 2. Heated seat switch RH
- 3. Seat back heater
- 4. Seat cushion heater
- A. Rear seat

SECOND HEATED SEAT SYSTEM : Component Description

INFOID:000000009011756

Item	Function
Heated seat switch	Supplies power supply to each heated seat and operates switching of HI/LO of heated seat and ON/OFF of the system.
Seat cushion heater	Built-in seat cushion, the heater operates with the power supplied by heater seat switch.
Seat back heater	Built-in seatback, the heater operates with the power supplied by heater seat switch.

CLIMATE CONTROLLED SEAT SYSTEM

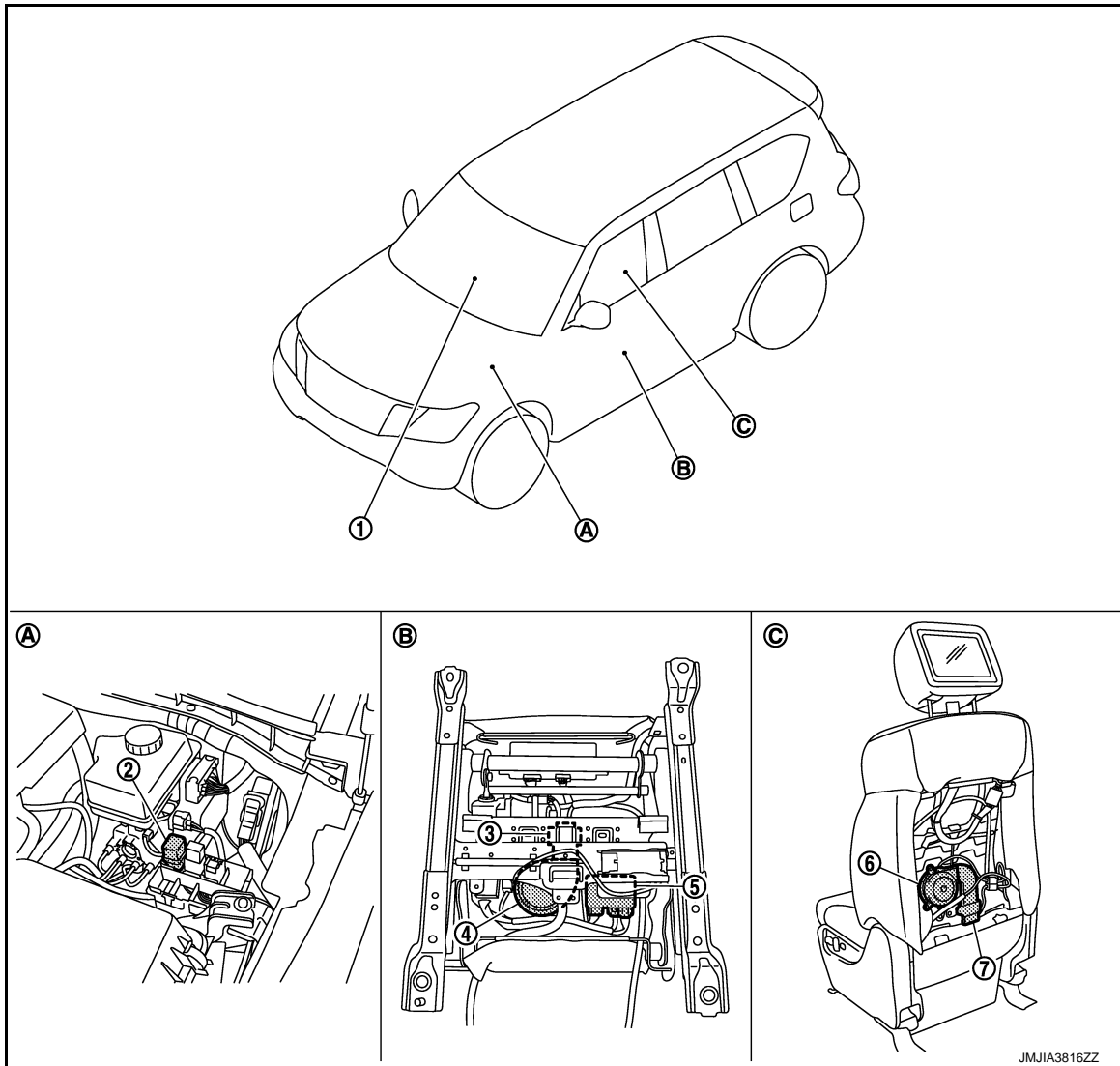
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COMPONENT PARTS

< SYSTEM DESCRIPTION >

CLIMATE CONTROLLED SEAT SYSTEM : Component Parts Location

INFOID:000000009011757



- | | | |
|---|---|---|
| 1. Climate controlled seat switch | 2. Climate controlled seat relay | 3. Seat cushion thermal electric unit |
| 4. Climate controlled seat cushion blower motor | 5. Climate controlled seat control unit | 6. Climate controlled seatback blower motor |
| 7. Seatback thermal electric unit | | |
| A. Engine room fuse, fusible link and relay box | B. Back side of seat cushion. | C. View with seatback board removed. |

CLIMATE CONTROLLED SEAT SYSTEM : Component Description

INFOID:000000009011758

Item	Function
Climate controlled seat relay	Supplies power to the climate controlled seat control unit in accordance with the key switch position that is ON or START
Climate controlled seat control unit	Installed in the seat cushion backside and controls the seat cushion blower motor, seatback blower motor, seatback thermal electric unit, and seat cushion thermal electric unit in accordance with the input signal.
Climate controlled seat switch	Installed in the center console and transmits signals to climate controlled seat control unit in accordance with the HEAT (heated airflow) or COOL (cooled airflow) switch operation and the temperature switch operation

COMPONENT PARTS

< SYSTEM DESCRIPTION >

Item	Function
Seatback blower motor	Installed in the seatback and sends the airflow to the seatback thermal electric unit in accordance with the control from the climate controlled seat control unit
Seat cushion blower motor	Installed in the seat cushion backside and sends the airflow to the seat cushion thermal electric unit in accordance with the control from the climate controlled seat control unit
Seatback thermal electric unit	Installed in the seatback backside and heats or cools the airflow from the climate controlled seat blower motor in accordance with the control from the climate controlled seat control unit
Seat cushion thermal electric unit	Installed in the seat cushion backside and heats or cools the airflow from the climate controlled seat blower motor in accordance with the control from the climate controlled seat control unit

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SYSTEM

POWER SEAT SYSTEM

POWER SEAT SYSTEM : System Description

INFOID:000000009011759

Power seat switch can be operated regardless of the ignition switch position, because power supply is always supplied to power seat switch.

SLIDING OPERATION

While operating the sliding switch located in power seat switch, sliding motor operates and makes possible the seat front and back position adjustment.

RECLINING OPERATION

While operating the reclining switch located in power seat switch, reclining motor operates and makes possible the seat back forward and backward position adjustment.

LIFTING OPERATION

While operating the lifting switch located in power seat switch, lifting motor operates and makes possible the seat cushion up and down position adjustment.

LUMBAR SUPPORT SYSTEM

LUMBAR SUPPORT SYSTEM : System Description

INFOID:000000009011760

- Lumbar support switch can be operated regardless of the ignition switch position, because power supply is always supplied to lumbar support switch.
- While operating the lumbar support switch, lumbar support motor operates which allows forward and backward operation of seatback support.

SECOND SEAT POWER UNLOCK SYSTEM

SECOND SEAT POWER UNLOCK SYSTEM : System Description

INFOID:000000009011761

- Second seat power unlock switch can be operated regardless of the ignition switch position, because power supply is always supplied to second seat power unlock switch and power unlock relay.
- Power unlock motor pulls seatback control wire, seatback folds down, seat lock unlocks, and second seat tilts up, when second seat power unlock switch is pressed.

THIRD SEAT SEATBACK POWER FOLDING SYSTEM

THIRD SEAT SEATBACK POWER FOLDING SYSTEM : System Description

INFOID:000000009011762

- Third seat fold down switch and third seat reclining switch can be operated regardless of the ignition switch position, because power supply is always supplied to third seat fold down switch, third seat reclining switch and relays.
- Power folding motor operates and seatback reclining and third seat folding can be performed while third seat fold down switch and third seat reclining switch are operated.

FRONT HEATED SEAT SYSTEM

FRONT HEATED SEAT SYSTEM : System Description

INFOID:000000009011763

Heated seat is a system that operates when ignition switch is in ON position.

HEATER OPERATION

- While operating the heated seat switch, seat cushion heater and seat back heater operate.
- Temperature of seat can be adjusted by operating on heated seat switch.

SECOND HEATED SEAT SYSTEM

SECOND HEATED SEAT SYSTEM : System Description

INFOID:000000009011764

Heated seat is a system that operates when ignition switch is in ON position.

HEATER OPERATION

- While operating the heated seat switch, seat cushion heater and seat back heater operate.

SYSTEM

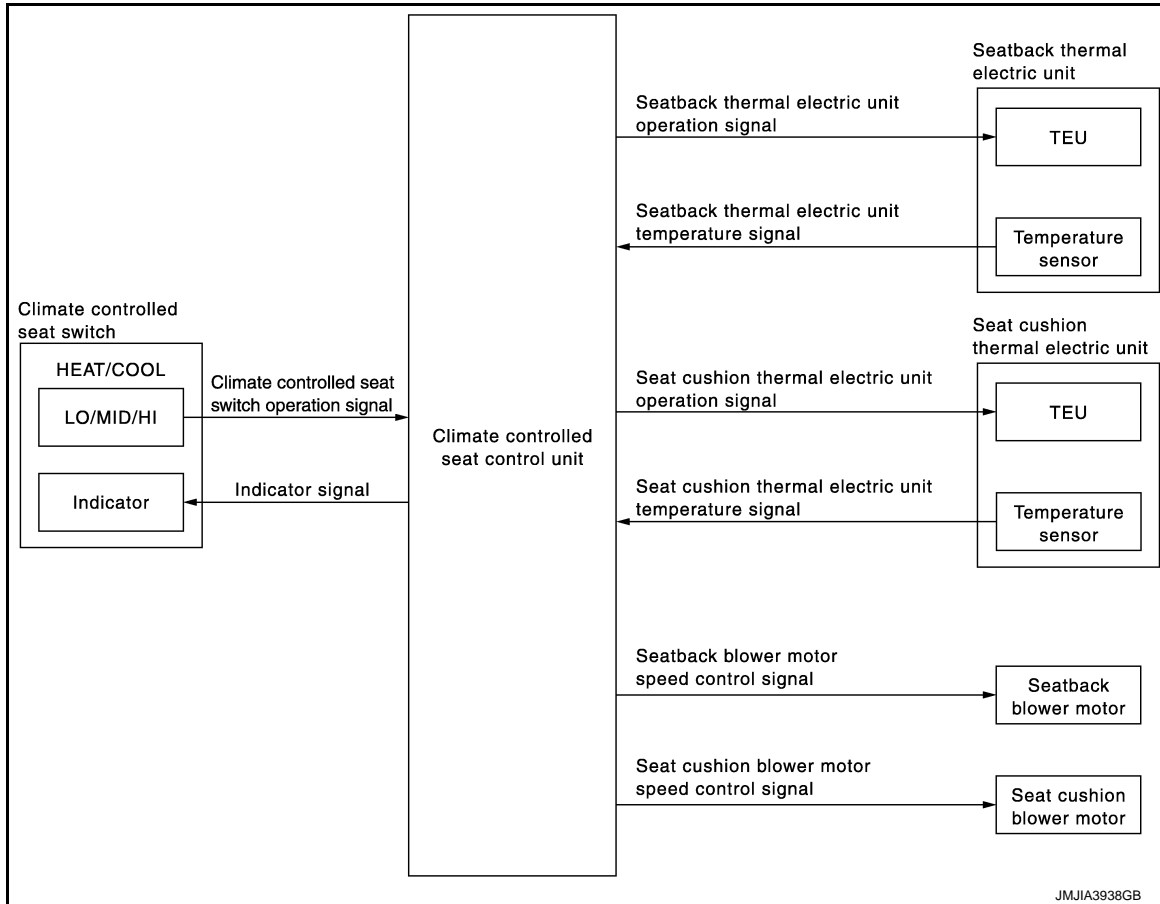
< SYSTEM DESCRIPTION >

- Temperature of seat can be adjusted by operating on heated seat switch.

CLIMATE CONTROLLED SEAT SYSTEM

CLIMATE CONTROLLED SEAT SYSTEM : System Diagram

INFOID:000000009011765



CLIMATE CONTROLLED SEAT SYSTEM : System Description

INFOID:000000009011766

- The climate controlled seat system is controlled by the climate controlled seat control unit.
- Operation of the climate controlled switch sends heated or cooled airflow and adjusts the seat temperature.

SEAT CUSHION AND SEATBACK TEMPERATURE ADJUSTMENT FUNCTION

- One thermal electric unit (TEU) unit is installed in each seat cushion and seatback. The unit heats or cools, sends airflow to the seat surface, and adjusts the seat temperature.
- The thermal electric unit (TEU) is a heat exchanger that has a function to heat or cool the airflow from the seat cushion blower motor and seatback blower motor. (By changing the direction of the current from the power supply, the unit takes or gives heat, and adjusts exchange process depending on voltage.)

CAUTION:

- **The thermal electric unit (TEU) has a dual-climate function that allows one side to operate at a high temperature and the other to operate at a low temperature simultaneously.**
- **Before starting always turn OFF the switch and check that the electric unit is cold.**

CLIMATE CONTROLLED SEAT SYSTEM : Fail-safe

INFOID:000000009011767

- Climate controlled seat control unit equips fail-safe function.
- When a malfunction occurs in the systems shown below, climate controlled seat control unit stops output.

SYSTEM

< SYSTEM DESCRIPTION >

Malfunction	Malfunctioning condition
The temperature difference between the seatback thermal electric unit and seat cushion thermal electric unit is more than 30°C	<ul style="list-style-type: none"> When it detects for 4 seconds that the temperature difference between the seatback thermal electric unit and seat cushion thermal electric unit is more than 30°, it stops the output to the thermal electric unit, activates the climate controlled seat blower motor at the maximum position, and sends the external airflow for 30 seconds If the temperature difference is still more than 30°C after 30 seconds pass, it stops all output and enters the system OFF condition When the temperature difference between seatback thermal electric unit and seat cushion thermal electric unit becomes less than 20°C, the system recovers automatically If it detects that the temperature difference is more than 30°C after the automatic system recovery, it immediately stops all output and enters the system OFF condition <p>NOTE: When the switch operation is performed before entering the system OFF condition, the fail-safe mode is reset.</p>
The temperature of thermal electric unit is more than 110°C in the HEAT mode (any thermal electric unit in the seatback or seat cushion)	<ul style="list-style-type: none"> When it detects for 4 seconds that the temperature of the thermal electric unit is more than 110°C, it stops the output to the thermal electric unit, activates the climate controlled seat blower motor at the maximum position, and sends the external airflow for 30 seconds If the temperature does not become less than 105°C after 30 seconds pass, it stops all output and enters the system OFF condition When the temperature of the thermal electric unit becomes less than 105°C, the system recovers automatically If it detects that the temperature of the thermal electric unit is more than 110°C after the automatic system recovery, it immediately stops all output and enters the system OFF condition
The temperature of the thermal electric unit is more than 45°C in the COOL mode (any thermal electric unit in the seatback or seat cushion)	<ul style="list-style-type: none"> When it detects for 4 seconds that the temperature of the thermal electric unit is more than 45°C and less than 70°C, it starts the temperature monitoring of the thermal electric unit at 3 second intervals While monitoring, if it detects that the temperature continuously rises 2°C or more 4 times or reaches 70°C or more, it stops all output and enters the system OFF condition If it detects other results of monitoring, it continues activating in the COOL mode
Thermal electric unit sensor open circuit in the HEAT mode (in either the back and the cushion TEU)	<ul style="list-style-type: none"> When it detects for 4 seconds that the thermal electric unit sensor is an open circuit, it stops all output and enters the system OFF condition
Climate controlled seat blower motor system open circuit (in either the back and the cushion blower)	<ul style="list-style-type: none"> When it detects for 2 seconds that climate controlled seat blower motor is an open circuit while the climate controlled seat is being activated, and the battery status has been stable for the same 2 second period. it stops output to the thermal electric unit When it detects for 10 seconds that the climate controlled seat blower motor is an open circuit while the climate controlled seat is being activated, and the battery status has been stable for the same 10second period. it stops all output and enters the system OFF condition <p>NOTE: After detecting the climate seat blower motor system open circuit for 2 seconds, the system recovers automatically if the activation of the climate controlled seat blower motor is detected for 1 second or more.</p>
Switch input out of the specified range (either heat input or cool input)	<ul style="list-style-type: none"> When it detects for 4 seconds that the rotary switch input is more than 30% of the vehicle battery voltage, it stops all output and enters the system OFF condition When the switch input returns to a value within the specified range, the system recovers automatically

SYSTEM

< SYSTEM DESCRIPTION >

Malfunction	Malfunctioning condition
Both HEAT switch and COOL switch input out simultaneously	<ul style="list-style-type: none"> • During the standby mode, heating or cooling states, if both HEAT switch and COOL switch input are more than 6% of the vehicle battery voltage simultaneously, it stops all output and enters the system OFF condition • When either switch input returns to a value within the specified range, the system recovers automatically
System voltage out of range	<ul style="list-style-type: none"> • If the system voltage at the climate controlled seat control unit falls outside of the 8.5 to 16.5 V operating range, it stops all output after a 500ms time period. • When the system voltage returns to the normal operating range (10.5-15.5V with a 500ms hysteresis), the system recovers automatically.

*: System voltage is the voltage between the climate controlled seat control unit power source and ground.

NOTE:

When the ignition status changes to OFF during the fail-safe mode, the control unit shall enter the OFF condition. If the ignition is turned ON, the system shall return to the standby mode. If the system enters in the fail-safe mode again after performing ignition cycle, start the diagnosis.

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CLIMATE CONTROLLED SEAT CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

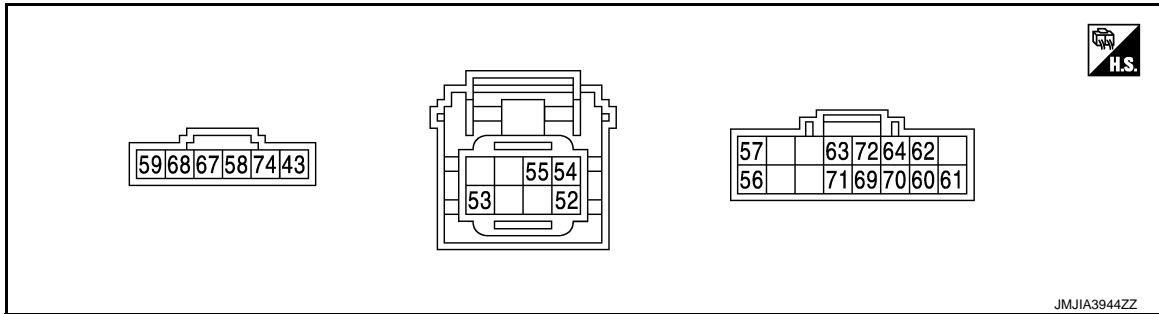
ECU DIAGNOSIS INFORMATION

CLIMATE CONTROLLED SEAT CONTROL UNIT

Reference Value

INFOID:000000009011768

TERMINAL LAYOUT



PHYSICAL VALUES

Terminal No. (Wire color)		Description		Condition	Voltage (V) (Approx.)	
+	-	Signal name	Input/ Output			
43 (-)	Ground	Ground	—	—	0	
52 (-)	Ground	Climate controlled seat switch power supply	Output	Ignition switch ON	12	
53 (-)	Ground	Ignition switch power supply	Input	Ignition switch ON	Battery voltage	
54 (-)	Ground	COOL switch signal	Input	Climate controlled seat switch	HI COOL	2.6 - 4.2
					MID COOL	1.6 - 2.5
					LO COOL	0.8 - 1.5
					OFF	0
55 (-)	Ground	HEAT switch signal	Input	Climate controlled seat switch	HI HEAT	2.6 - 4.2
					MID HEAT	1.6 - 2.5
					LO HEAT	0.8 - 1.5
					OFF	0
56 (-)	Ground	COOL switch indicator signal	Output	Climate controlled seat switch	COOL	12
					OFF	0
57 (-)	Ground	HEAT switch indicator signal	Output	Climate controlled seat switch	HEAT	12
					OFF	0
58 (-)	Ground	Seatback thermal electric unit HEAT signal	Output	Climate controlled seat switch	HEAT or COOL	0 - 12*
					OFF	0
59 (-)	Ground	Seatback thermal electric unit COOL signal	Output	Climate controlled seat switch	HEAT or COOL	0 - 12*
					OFF	0
60 (-)	Ground	Seatback thermal electric unit sensor ground	—	Ignition switch ON	0	
61 (-)	Ground	Seatback thermal electric unit sensor signal	Input	Climate controlled seat operated	1 - 5	
62 (-)	Ground	Seatback blower motor power supply	Output	Climate controlled seat switch	HEAT or COOL	12
				Other than the above		0

CLIMATE CONTROLLED SEAT CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

Terminal No. (Wire color)		Description		Condition	Voltage (V) (Approx.)	
+	-	Signal name	Input/ Output			
63 (-)	Ground	Seatback blower motor speed control signal	Output	Climate controlled seat switch	HEAT	5.5 - 8
					HI COOL	11.2
					MID COOL	8
					LO COOL	6.5
64 (-)	Ground	Blower motor ground	—	—	0	
67 (-)	Ground	Seat cushion thermal electric unit HEAT signal	Output	Climate controlled seat switch	HEAT or COOL	0 - 12*
					OFF	0
68 (-)	Ground	Seat cushion thermal electric unit COOL signal	Output	Climate controlled seat switch	HEAT or COOL	0 - 12*
					OFF	0
69 (-)	Ground	Seat cushion thermal electric unit sensor ground	—	Ignition switch ON	0	
70 (-)	Ground	Seat cushion thermal electric unit sensor signal	Input	Climate controlled seat operated	1 - 5	
71 (-)	Ground	Seat cushion blower motor power supply	Output	Climate controlled seat switch	HEAT or COOL	12
				Other than the above		0
72 (-)	Ground	seat cushion blower motor speed control signal	Output	Climate controlled seat switch	HEAT	5.5 - 8
					HI COOL	9.2
					MID COOL	8
					LO COOL	6.5
74 (-)	Ground	Ignition switch power supply	Input	Ignition switch ON	Battery voltage	

*:It changes between 12 and 0 V

NOTE:

- Measure the value on the condition that the battery voltage is 14 V
- Wait 1 minute or more after thermal electric unit is activated, and then start the measurement

Fail-safe

INFOID:000000009011769

- Climate controlled seat control unit equips fail-safe function.
- When a malfunction occurs in the systems shown below, climate controlled seat control unit stops output.

CLIMATE CONTROLLED SEAT CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

Malfunction	Malfunctioning condition
<p>The temperature difference between the seatback thermal electric unit and seat cushion thermal electric unit is more than 30°C</p>	<ul style="list-style-type: none"> When it detects for 4 seconds that the temperature difference between the seatback thermal electric unit and seat cushion thermal electric unit is more than 30°, it stops the output to the thermal electric unit, activates the climate controlled seat blower motor at the maximum position, and sends the external airflow for 30 seconds If the temperature difference is still more than 30°C after 30 seconds pass, it stops all output and enters the system OFF condition When the temperature difference between seatback thermal electric unit and seat cushion thermal electric unit becomes less than 20°C, the system recovers automatically If it detects that the temperature difference is more than 30°C after the automatic system recovery, it immediately stops all output and enters the system OFF condition <p>NOTE: When the switch operation is performed before entering the system OFF condition, the fail-safe mode is reset.</p>
<p>The temperature of thermal electric unit is more than 110°C in the HEAT mode (any thermal electric unit in the seatback or seat cushion)</p>	<ul style="list-style-type: none"> When it detects for 4 seconds that the temperature of the thermal electric unit is more than 110°C, it stops the output to the thermal electric unit, activates the climate controlled seat blower motor at the maximum position, and sends the external airflow for 30 seconds If the temperature does not become less than 105°C after 30 seconds pass, it stops all output and enters the system OFF condition When the temperature of the thermal electric unit becomes less than 105°C, the system recovers automatically If it detects that the temperature of the thermal electric unit is more than 110°C after the automatic system recovery, it immediately stops all output and enters the system OFF condition
<p>The temperature of the thermal electric unit is more than 45°C in the COOL mode (any thermal electric unit in the seatback or seat cushion)</p>	<ul style="list-style-type: none"> When it detects for 4 seconds that the temperature of the thermal electric unit is more than 45°C and less than 70°C, it starts the temperature monitoring of the thermal electric unit at 3 second intervals for increase in temperature from the previous value While monitoring, if it detects that the temperature continuously rises 2°C or more for 4 consecutive intervals or reaches 70°C or more, it stops all output and enters the system OFF condition If it detects other results of monitoring, it continues activating in the selected COOL mode
<p>Thermal electric unit sensor open circuit (in either the back and the cushion TEU)</p>	<ul style="list-style-type: none"> When it detects for 4 seconds that the thermal electric unit sensor is an open circuit, it stops all output and enters the system OFF condition
<p>Climate controlled seat blower motor system open circuit (in either the back and the cushion blower)</p>	<ul style="list-style-type: none"> When it detects for 2 seconds that climate controlled seat blower motor is an open circuit while the climate controlled seat is being activated, and the battery status has been stable for the same 2 second period, it stops output to the thermal electric unit When it detects for 10 seconds that the climate controlled seat blower motor is an open circuit while the climate controlled seat is being activated, and the battery status has been stable for the same 10second period, it stops all output and enters the system OFF condition <p>NOTE: After detecting the climate seat blower motor system open circuit for 2 seconds, the system recovers automatically if the activation of the climate controlled seat blower motor is detected for 1 second or more.</p>
<p>Switch input out of the specified range (either heat input or cool input)</p>	<ul style="list-style-type: none"> When it detects for 4 seconds that the rotary switch input is less than 30% of the vehicle battery voltage, it stops all output and enters the system OFF condition When the switch input returns to a value within the specified range, the system recovers automatically

CLIMATE CONTROLLED SEAT CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

Malfunction	Malfunctioning condition
HEAT or COOL switch input out of the specified range	<ul style="list-style-type: none"> • During the standby mode, heating or cooling states, if the rotary switch input is less than 6% of the vehicle battery voltage, it stops all output and enters the system OFF condition • When the switch input returns to a value within the specified range, the system recovers automatically
System voltage out of range	<ul style="list-style-type: none"> • If the system voltage at the climate controlled seat control unit falls outside of the 8.5 to 16.5 V operating range, it stops all output after a 500ms time period. • When the system voltage returns to the normal operating range (10.5-15.5V with a 500ms hysteresis), the system recovers automatically.

*: System voltage is the voltage between the climate controlled seat control unit power source and ground.

NOTE:

When the ignition status changes to OFF during the fail-safe mode, the control unit shall enter the OFF condition. If the ignition is turned ON, the system shall return to the standby mode. If the system enters in the fail-safe mode again after performing ignition cycle, start the diagnosis.

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POWER SEAT CONTROL SYSTEM (PASSENGER SIDE)

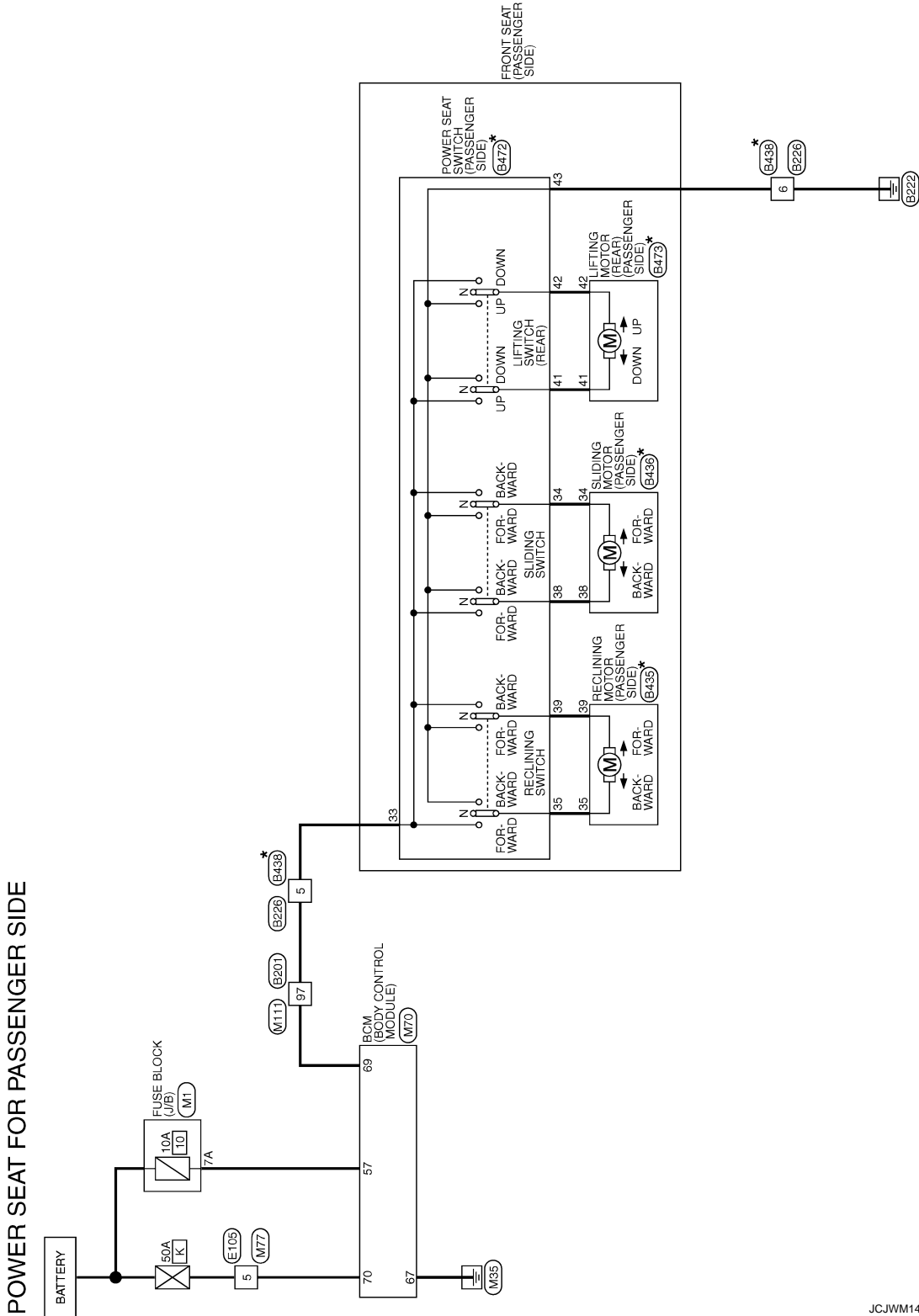
< WIRING DIAGRAM >

WIRING DIAGRAM

POWER SEAT CONTROL SYSTEM (PASSENGER SIDE)

Wiring Diagram

INFOID:000000009011770



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

2010/05/13

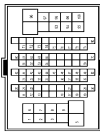
JCJWM1496GB

POWER SEAT CONTROL SYSTEM (PASSENGER SIDE)

< WIRING DIAGRAM >

POWER SEAT FOR PASSENGER SIDE

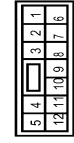
Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R/B	
2	G	
3	W/B	
4	W/B	
5	W/B	
6	Y	
7	R	
8	GR	
9	GR/R	
11	W	
12	V	
13	Y	
16	LO	
17	GR/L	
18	R/G	
19	L/Y	
20	G/Y	
21	R	
22	GR	
27	L/W	
29	W	
30	R/L	
31	Y/L	
32	W/R	
33	W/G	
34	L/R	
36	G	
37	V	
38	SHIELD	
39	P/B	
40	W/R	
41	R	
42	L	
43	B/W	
44	L	
45	P	

Terminal No.	Color Of Wire	Signal Name [Specification]
46	SHIELD	
47	R	
48	W	
49	SHIELD	
50	V	
51	L/B	
52	L/R	
53	S/B	
54	V/W	
59	L	
60	GR	
61	P/L	
62	B/SB	
63	R/Y	
64	BR	
70	G	
71	W	
72	SHIELD	
73	B	
74	R	
75	G	
76	Y	
77	S/B	
78	LG	
79	R/B	
90	W/B	
93	Y	
94	L	
95	L/R	
96	R	
97	W	
98	V	
99	L/W	
100	W	

Connector No.	B226
Connector Name	WIRE TO WIRE
Connector Type	NS12FM-CS



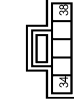
Terminal No.	Color Of Wire	Signal Name [Specification]
1	B/SB	
2	P/L	
3	W/R	
4	GR	
5	W	
6	B	
7	R/Y	
8	BR	
9	R/B	
10	L/Y	
11	Y/L	
12	L	

Connector No.	B435
Connector Name	RECLINING MOTOR (PASSENGER SIDE)
Connector Type	13264E0-3



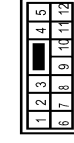
Terminal No.	Color Of Wire	Signal Name [Specification]
35	G	
39	Y	

Connector No.	B436
Connector Name	SLIDING MOTOR (PASSENGER SIDE)
Connector Type	6098-0344



Terminal No.	Color Of Wire	Signal Name [Specification]
34	B	
38	GR	

Connector No.	B438
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS



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

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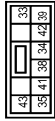
JRJWC1846GB

POWER SEAT CONTROL SYSTEM (PASSENGER SIDE)

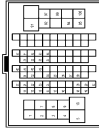
< WIRING DIAGRAM >

POWER SEAT FOR PASSENGER SIDE

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



Connector No.	E105
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



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

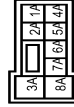
Connector No.	B473
Connector Name	LIFTING MOTOR (REAR) (PASSENGER SIDE)
Connector Type	7283-1060



Terminal No.	Color Of Wire	Signal Name [Specification]
41	V	-
42	P/B	-

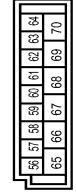
51	L/O	-
52	BR/W	-
53	BR/Y	-
54	GR/L	-
60	W	-
61	B	-
62	R	-
63	G	-
64	SHIELD	-
91	BR	-
92	L/W	-
94	Y/B	-
95	G/R	-
97	R	-
98	G/B	-
100	W/R	-

Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS56FM-M2



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

Connector No.	M70
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA09FW-FHA6-SA



Terminal No.	Color Of Wire	Signal Name [Specification]
56	W/R	INT ROOM LAMP PWR SPLY
57	LG	BAT (FUSE)
58	R/W	SHOCK DETECT SENS
59	G	PASSENGER DOOR UNLK OUTPUT
60	G	TURN SIGNAL LH OUTPUT
61	GY	TURN SIGNAL RH OUTPUT
62	R	STEP LAMP CONT
63	BR	ROOM LAMP-TIMER CONT
64	GR/L	CRANKING REQUEST
65	R	ALL DOOR LOCK OUTPUT
66	V	DR DOOR FUEL LID UNLK OUTPUT
67	B	GND
68	Y	PW PWR SPLY (IGN)
69	W	PW PWR SPLY (BAT)
70	Y	BAT (F/L)

Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



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

POWER SEAT CONTROL SYSTEM (PASSENGER SIDE)

< WIRING DIAGRAM >

POWER SEAT FOR PASSENGER SIDE

6	SB	-	-
7	W/G	-	-
8	P/B	-	-
9	W/B	-	-
10	G	-	-
11	L	-	-
12	P	-	-
13	P/B	-	-
14	BR	-	-
15	O/L	-	-
16	SB	-	-
18	BR	-	-
19	Y/G	-	-
20	BR/Y	-	-
21	V	-	-
22	Y	-	-
23	Y	-	-
24	L/W	-	-
28	O	-	-
29	R/W	-	-
30	O/L	-	-
31	Y	-	-
32	GR/R	-	-
34	Y	-	-
35	R	-	-
36	B/O	-	-
37	G/Y	-	-
38	G	-	-
40	SB	-	-
41	W/R	-	-
42	R	-	-
43	V	-	-
51	L/O	-	-
52	BR/W	-	-
53	BR/Y	-	-
54	GR/L	-	-
60	W	-	-
61	B	-	-
62	G	-	-
63	R	-	-
64	SHIELD	-	-
91	BR	-	-
92	L/W	-	-
94	Y/B	-	-
95	L/R	-	-
97	R	-	-
98	O/L	-	-
100	W/B	-	-

Connector No.	M111
Connector Name	WIRE TO WIRE
Connector Type	TH80FM-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R/B	-
2	G	-
3	W/B	-
5	W/B	-
6	P/Y	-
7	R	-
8	GR	-
9	GR/R	-
11	W	-
12	V	-
13	Y	-
16	L/O	-
17	GR/L	-
18	R/G	-
19	L/Y	-
20	G/Y	-
21	R	-
22	GR	-
27	L/O	-
29	SB	-
30	R/L	-
31	Y/L	-
32	W/R	-
33	W/G	-
34	L/R	-
36	G	-
37	V	-
38	SHIELD	-
39	P/B	-
40	W/R	-
41	R	-
42	L/W	-
44	L	-
45	P	-
46	SHIELD	-

47	R	-
48	W	-
49	SHIELD	-
50	V	-
51	O/L	-
52	L/R	-
53	SB	-
54	V/W	-
59	L	-
60	GR	-
61	P/L	-
62	B/SB	-
63	R/Y	-
64	BR	-
70	O	-
71	W	-
72	SHIELD	-
73	B	-
74	R	-
75	G	-
76	Y	-
77	SB	-
78	LG	-
79	R/B	-
90	W/B	-
93	Y	-
94	L	-
95	L/R	-
96	R	-
97	W	-
98	V	-
99	L/W	-
100	W	-

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LUMBAR SUPPORT SYSTEM

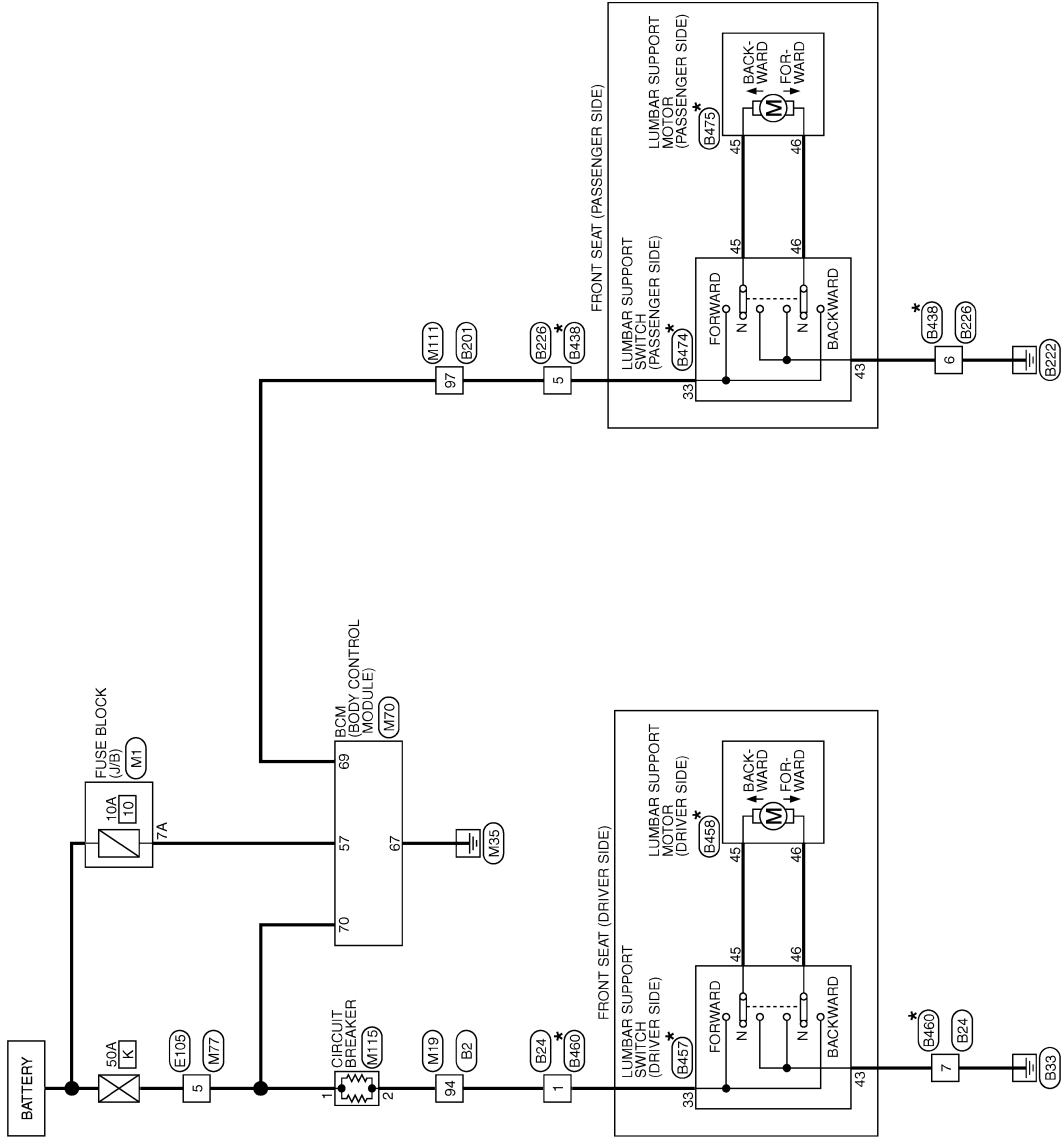
< WIRING DIAGRAM >

LUMBAR SUPPORT SYSTEM

Wiring Diagram

INFOID:000000009011771

LUMBAR SUPPORT



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

2010/05/13

JCJWM1500GB

LUMBAR SUPPORT SYSTEM

< WIRING DIAGRAM >

LUMBAR SUPPORT

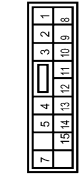
Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	BR	-
3	RW	-
4	L	-
5	V	-
6	G	-
7	WB	-
8	BR	-
9	GR	-
10	BY	-
11	WR	-
12	GR	-
13	GR	-
14	BY	-
15	WR	-
16	GR	-
17	GR	-
18	GR	-
19	V	-
20	WG	-
21	BW	-
22	V	-
23	G	-
24	O	-
25	O	-
26	Y	-
27	LO	-
28	YR	-
29	L	-
30	R	-
31	GY	-
32	B/SB	-
33	LG/R	-
34	BR/W	-
35	GR/R	-
36	SB	-
37	LG	-
38	L	-
39	B	-
40	WG	-
41	O	-

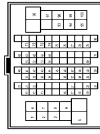
42	G/R	-
43	V/W	-
44	LG/B	-
45	R/Y	-
46	B	-
47	BR	-
48	GR	-
49	R/B	-
50	W/R	-
51	W/R	-
52	BRY	-
53	O/B	-
54	G/O	-
55	R/B	-
56	LG/R	-
57	GR/R	-
58	Y/G	-
59	V/W	-
60	R	-
61	B	-
62	R	-
63	W	-
64	G	-
65	WB	-
66	G	-
67	SHIELD	-
68	LG/B	-
69	LG/B	-
70	P/L	-
71	L	-
72	R	-
73	Y/B	-
74	Y/L	-
75	Y	-
76	W/R	-
77	Y/L	-
78	Y/L	-
79	Y	-
80	W/R	-
81	Y/L	-
82	L/O	-
83	O	-
84	O	-
85	W/R	-
86	O	-
87	W/R	-
88	O	-
89	W/L	-
90	GR/L	-
91	W	-
92	G	-
93	W/R	-
94	W/R	-
95	R	-
96	V	-
97	R	-
98	V	-
99	L/W	-
100	P/B	-

Connector No.	B24
Connector Name	WIRE TO WIRE
Connector Type	NS16FM-CS



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

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



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

7	R	-
8	GR	-
9	GR/R	-
10	W	-
11	V	-
12	V	-
13	Y	-
14	L/O	-
15	GR/L	-
16	R/G	-
17	R/G	-
18	L/Y	-
19	L/Y	-
20	GY	-
21	R	-
22	GR	-
23	L/W	-
24	W	-
25	R/L	-
26	Y/L	-
27	W/R	-
28	W/R	-
29	W/G	-
30	L/R	-
31	G	-
32	V	-
33	SHIELD	-
34	SHIELD	-
35	P/B	-
36	W/R	-
37	R	-
38	B/W	-
39	L	-
40	L	-
41	L	-
42	B/W	-
43	L	-
44	L	-
45	P	-
46	SHIELD	-
47	R	-
48	W	-
49	SHIELD	-
50	V	-
51	L/B	-
52	L/R	-
53	SB	-
54	V/W	-
55	L	-
56	GR	-
57	P/L	-
58	B/SB	-
59	R/Y	-
60	BR	-
61	BR	-
62	O	-
63	W	-
64	SHIELD	-
65	B	-

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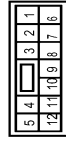
LUMBAR SUPPORT SYSTEM

< WIRING DIAGRAM >

LUMBAR SUPPORT

74	R	-
75	G	-
76	Y	-
77	SB	-
78	LG	-
79	R/B	-
90	W/B	-
93	Y	-
94	L	-
95	L/R	-
96	R	-
97	W	-
98	V	-
99	L/W	-
100	W	-

Connector No.	B226
Connector Name	WIRE TO WIRE
Connector Type	NS2PW-CS



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

Connector No.	B438
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS



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

Connector No.	B457
Connector Name	LUMBAR SUPPORT SWITCH (DRIVER SIDE)
Connector Type	NS04FW-CS



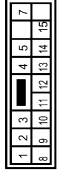
Terminal No.	Color Of Wire	Signal Name [Specification]
33	R	-
43	LG	-
45	P	-
46	BR	-

Connector No.	B458
Connector Name	LUMBAR SUPPORT MOTOR (DRIVER SIDE)
Connector Type	1202_0556



Terminal No.	Color Of Wire	Signal Name [Specification]
45	P	-
46	BR	-

Connector No.	B460
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R	-
2	R/G	-
3	R/W	-
4	W/R	-
5	W/L	-
7	LG	-
8	W/B	-
9	-	-
10	R/B	-
11	R	-
12	V	-
13	R/Y	-
14	G	-
15	-	-

Connector No.	B474
Connector Name	LUMBAR SUPPORT SWITCH (PASSENGER SIDE)
Connector Type	NS04FW-CS



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

Connector No.	B475
Connector Name	LUMBAR SUPPORT MOTOR (PASSENGER SIDE)
Connector Type	1202_0556



Terminal No.	Color Of Wire	Signal Name [Specification]
45	P	-
46	BR	-

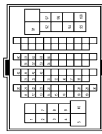
JRJWC1850GB

LUMBAR SUPPORT SYSTEM

< WIRING DIAGRAM >

LUMBAR SUPPORT

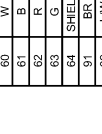
Connector No.	IE105
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



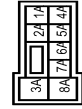
Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	L/W	-
3	R/B	-
4	Y	-
5	Y	-
7	W/G	-
8	P/B	-
9	W/B	-
10	G	-
11	L	-
12	P	-
13	P/B	-
14	BR	-
15	L/B	-
16	SB	-
18	BR	-
19	Y/G	-
20	B/Y	-
21	Y/V	-
22	L	-
23	Y	-
24	L/W	-
28	O	-
29	R/W	-
30	L/B	-
31	Y	-
32	GR/R	-
34	Y	-
35	R	-
36	B/R	-
37	G/Y	-
38	G	-
40	S/B	-
41	W/R	-
42	R	-
43	V	-

LUMBAR SUPPORT

Connector No.	L/O
Connector Name	BR/W
Connector Type	GR/L
60	W
61	B
62	R
63	G
64	SHIELD
91	BR
92	L/W
94	Y/B
95	G/R
97	R
98	G/B
100	W/R

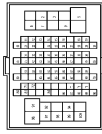


Connector No.	M1
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS56FM-A2



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

Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	TH80FM-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
2	L	-
3	BR	-
6	R/W	-
7	L	-
9	G	-
11	W/B	-
12	BR	-
13	GR	-
14	B/Y	-
15	W/R	-
16	GR/R	-
18	GW	-
19	V	-
20	W/G	-
21	B/W	-
22	V	-
24	G	-
25	O	-
26	Y	-
27	L/O	-
28	Y/R	-
29	L	-
30	R	-
31	GY	-
32	B/SB	-
33	LG/R	-
34	BR/W	-
35	GR/R	-
36	SB	-
37	LG	-
38	L	-
39	P	-
40	W/G	-
41	O	-
42	GR	-

43	V/W	-
44	LG/B	-
45	R/Y	-
46	B	-
47	BR/W	-
49	GR	-
50	R/B	-
51	W/R	-
52	BRY	-
53	O/B	-
54	G/O	-
55	R/B	-
56	LG/R	-
57	GR/R	-
58	Y/G	-
59	V/W	-
60	R	-
63	B	-
64	R	-
65	G	-
66	G	-
67	SHIELD	-
69	LG/B	-
70	P/L	-
71	L	-
72	R	-
77	Y/B	-
78	Y/L	-
79	Y	-
80	W/R	-
81	Y/L	-
84	L/O	-
86	O	-
87	W/R	-
88	O	-
89	W/L	-
90	GR/L	-
91	W	-
92	G	-
94	W/R	-
96	L/W	-
97	R	-
98	V	-
99	L/W	-
100	P/B	-

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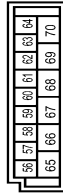
SE

LUMBAR SUPPORT SYSTEM

< WIRING DIAGRAM >

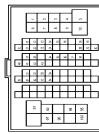
LUMBAR SUPPORT

Connector No.	M70
Connector Name	BCM (BODY CONTROL MODULE)
Connector Type	FEA09FW-FHAE-SA



Terminal No.	Color Of Wire	Signal Name [Specification]
56	W/R	INT ROOM LAMP PWR SPLY
57	LG	BAT (FLSE)
58	R/W	SHOCK DETECT SENS
59	G	PASSENGER DOOR UNLK OUTPUT
60	G	TURN SIGNAL L/O OUTPUT
61	G/Y	TURN SIGNAL R/O OUTPUT
62	R	STEP LAMP CONT
63	BR	ROOM LAMP-TIMER CONT
64	GR/R	CRANKING REQUEST
65	R	ALL DOOR LOCK OUTPUT
66	V	DR DOOR FUEL LID UNLK OUTPUT
67	B	GND
68	Y	PW PWR SPLY (IGN)
69	W	PW PWR SPLY (BAT)
70	Y	BAT (FL)

Connector No.	M77
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



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

Terminal No.	Color Of Wire	Signal Name [Specification]
6	SB	-
7	W/G	-
8	P/B	-
9	W/B	-
10	G	-
11	L	-
12	P	-
13	P/B	-
14	BR	-
15	O/L	-
16	SB	-
18	BR	-
19	Y/G	-
20	BR/Y	-
21	V	-
22	L	-
23	Y	-
24	L/W	-
28	O	-
29	R/W	-
30	R/L	-
31	Y	-
32	GR/R	-
34	Y	-
35	R	-
36	B/O	-
37	G/Y	-
38	G	-
40	SB	-
41	W/R	-
42	R	-
43	V	-
51	L/O	-
52	BR/W	-
53	BR/Y	-
54	GR/L	-
60	W	-
61	B	-
62	G	-
63	R	-
64	SHIELD	-
91	BR	-
92	L/W	-
94	Y/B	-
95	L/R	-
97	R	-
98	O/L	-
100	W/B	-

Connector No.	M111
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R/B	-
2	G	-
3	W/R	-
5	W/B	-
6	L/Y	-
7	B	-
8	GR	-
9	GR/R	-
11	W	-
12	V	-
13	Y	-
16	L/O	-
17	GR/L	-
18	R/G	-
19	L/Y	-
20	G/Y	-
21	R	-
22	GR	-
27	L/O	-
29	SB	-
30	R/L	-
31	Y/L	-
32	W/R	-
33	W/G	-
34	L/R	-
36	G	-
37	V	-
38	SHIELD	-
39	P/B	-
40	W/R	-
41	R	-
42	L/W	-
43	B/W	-
44	B	-
45	P	-
46	SHIELD	-

Terminal No.	Color Of Wire	Signal Name [Specification]
47	R	-
48	W	-
49	SHIELD	-
50	V	-
51	O/L	-
52	L/R	-
53	SB	-
54	V/W	-
59	L	-
60	GR	-
61	P/L	-
62	B/SB	-
63	R/Y	-
64	BR	-
70	O	-
71	W	-
72	SHIELD	-
73	B	-
74	R	-
75	G	-
76	Y	-
77	SB	-
78	LG	-
79	R/B	-
90	W/B	-
93	Y	-
94	L	-
95	L/R	-
96	R	-
97	W	-
98	V	-
99	L/W	-
100	W	-

Connector No.	M115
Connector Name	CIRCUIT BREAKER
Connector Type	M02FW-P-LC



JRJWC1852GB

LUMBAR SUPPORT SYSTEM

< WIRING DIAGRAM >

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LUMBAR SUPPORT	
Terminal No.	Color Of Wire
1	Y
2	W/R

JRJWC1853GB

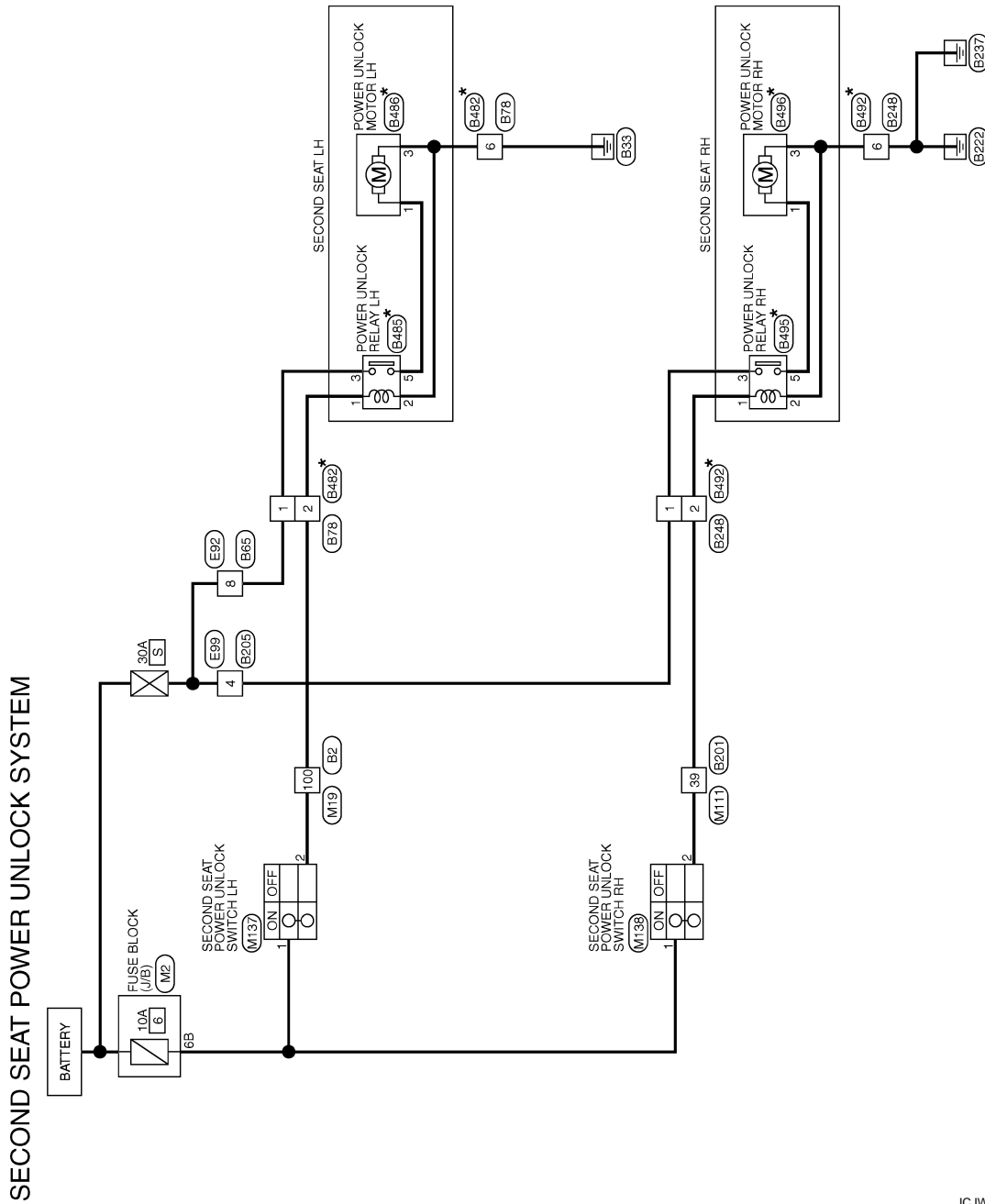
SECOND SEAT POWER UNLOCK SYSTEM

< WIRING DIAGRAM >

SECOND SEAT POWER UNLOCK SYSTEM

Wiring Diagram

INFOID:000000009011772



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

2010/05/13

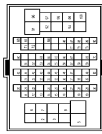
JCJWM1505GB

SECOND SEAT POWER UNLOCK SYSTEM

< WIRING DIAGRAM >

SECOND SEAT POWER UNLOCK SYSTEM

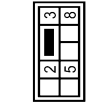
Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	BR	-
3	RW	-
4	L	-
5	V	-
6	G	-
7	WB	-
8	GR	-
9	GR	-
10	GR	-
11	GR	-
12	GR	-
13	GR	-
14	BY	-
15	WR	-
16	GR	-
17	GR	-
18	GR	-
19	V	-
20	WG	-
21	BW	-
22	V	-
23	G	-
24	O	-
25	O	-
26	Y	-
27	LO	-
28	Y/R	-
29	L	-
30	R	-
31	GY	-
32	B/SB	-
33	LG/R	-
34	BR/W	-
35	GR/R	-
36	SB	-
37	LG	-
38	L	-
39	B	-
40	WG	-
41	O	-

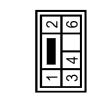
42	G/R	-
43	V/W	-
44	LG/B	-
45	R/Y	-
46	B	-
47	BR	-
48	GR	-
49	GR	-
50	R/B	-
51	W/R	-
52	BRY	-
53	O/B	-
54	G/O	-
55	R/B	-
56	LG/R	-
57	GR/R	-
58	Y/G	-
59	V/W	-
60	R	-
61	B	-
62	R	-
63	B	-
64	R	-
65	W	-
66	G	-
67	SHIELD	-
68	LG/B	-
69	LG/B	-
70	P/L	-
71	L	-
72	R	-
73	Y/B	-
74	Y/L	-
75	Y	-
76	W/R	-
77	Y/L	-
78	Y/L	-
79	Y	-
80	W/R	-
81	Y/L	-
82	L/O	-
83	O	-
84	W/R	-
85	O	-
86	O	-
87	W/R	-
88	O	-
89	W/L	-
90	GR/L	-
91	W	-
92	G	-
93	W/R	-
94	W/R	-
95	L/W	-
96	L/W	-
97	R	-
98	V	-
99	L/W	-
100	P/B	-

Connector No.	B65
Connector Name	WIRE TO WIRE
Connector Type	NS08MW-CS



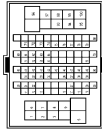
Terminal No.	Color Of Wire	Signal Name [Specification]
1	LG	-
2	G	-
3	G	-
4	W	-
5	R	-
6	R	-
7	R	-
8	R	-

Connector No.	B78
Connector Name	WIRE TO WIRE
Connector Type	NS08MW-CS



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

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R/B	-
2	G	-
3	W	-
4	W	-
5	W/B	-
6	P/Y	-
7	R	-
8	GR	-
9	GR/R	-
10	W	-
11	W	-
12	V	-
13	Y	-
14	L/O	-
15	GR/L	-
16	R/G	-
17	L/Y	-
18	L/Y	-
19	L/Y	-
20	GY	-
21	R	-
22	GR	-
23	L/W	-
24	W	-
25	W	-
26	R/L	-
27	Y/L	-
28	W/R	-
29	W/G	-
30	L/R	-
31	G	-
32	SHIELD	-
33	P/B	-
34	W/R	-
35	R	-
36	L	-
37	B	-
38	B	-
39	SHIELD	-
40	P/B	-
41	R	-
42	L	-
43	B/W	-
44	L	-
45	P	-

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SECOND SEAT POWER UNLOCK SYSTEM

< WIRING DIAGRAM >

SECOND SEAT POWER UNLOCK SYSTEM

46	SHIELD	-
47	R	-
48	W	-
49	SHIELD	-
50	V	-
51	L/B	-
52	L/R	-
53	S/B	-
54	V/W	-
59	L	-
60	GR	-
61	P/L	-
62	B/SB	-
63	R/Y	-
64	BR	-
70	O	-
71	W	-
72	SHIELD	-
73	B	-
74	R	-
75	G	-
76	Y	-
77	S/B	-
78	LG	-
79	R/B	-
90	W/B	-
93	Y	-
94	L	-
95	L/R	-
96	R	-
97	W	-
98	V	-
99	L/W	-
100	W	-

Connector No.	B205
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS



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

Connector No.	B248
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS



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

Connector No.	B492
Connector Name	WIRE TO WIRE
Connector Type	NS06FM-CS



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

Connector No.	B485
Connector Name	POWER UNLOCK RELAY LH
Connector Type	Z3342-41B7A



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

Connector No.	B486
Connector Name	POWER UNLOCK MOTOR LH
Connector Type	M04FW-LC



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

Connector No.	B492
Connector Name	WIRE TO WIRE
Connector Type	NS06FM-CS



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

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SECOND SEAT POWER UNLOCK SYSTEM

< WIRING DIAGRAM >

SECOND SEAT POWER UNLOCK SYSTEM

Connector No.	B495
Connector Name	POWER UNLOCK RELAY RH
Connector Type	24342-41B7A



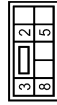
Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	-
2	B	-
3	Y	-
5	R	-

Connector No.	B496
Connector Name	POWER UNLOCK MOTOR RH
Connector Type	M04FW-LC



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

Connector No.	E52
Connector Name	WIRE TO WIRE
Connector Type	NS08FW-CS



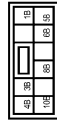
Terminal No.	Color Of Wire	Signal Name [Specification]
2	LG	-
3	G	-
5	W	-
8	R	-

Connector No.	E59
Connector Name	WIRE TO WIRE
Connector Type	NS08FW-CS



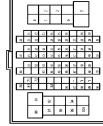
Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-
2	G	-
3	L	-
4	R	-
6	L/W	-

Connector No.	M2
Connector Name	FUSE BLOCK (JIB)
Connector Type	NS10FW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
10B	W/B	-
1B	R	-
3B	R	-
4B	B	-
5B	BR	-
8B	L/O	-

Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
2	L	-
3	BR	-
5	R/W	-
6	L	-
7	V	-
9	G	-
11	W/B	-
12	BR	-
13	GR	-
14	RY	-
15	WR	-
16	GR/R	-
18	GW	-

19	V	-
20	W/G	-
21	B/W	-
22	V	-
24	G	-
25	O	-
26	Y	-
27	L/O	-
28	Y/R	-
29	L	-
30	R	-
31	GY	-
32	B/SB	-
33	LG/R	-
34	BR/W	-
35	GR/R	-
36	SB	-
37	LG	-
38	L	-
39	P	-
40	W/G	-
41	O	-
42	GR	-
43	V/W	-
44	LG/B	-
45	RY	-
46	B	-
47	BR/W	-
49	GR	-
50	R/B	-
51	W/R	-
52	BR/Y	-
53	O/B	-
54	G/O	-
55	R/B	-
56	LG/R	-
57	GR/R	-
58	Y/G	-
59	V/W	-
60	R	-
63	B	-
64	R	-
65	W	-
66	G	-
67	SHIELD	-
69	LG/B	-
70	PL	-
71	L	-
72	R	-
77	Y/B	-

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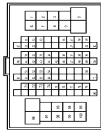
SECOND SEAT POWER UNLOCK SYSTEM

< WIRING DIAGRAM >

SECOND SEAT POWER UNLOCK SYSTEM

78	Y/L	-
79	Y	-
80	W/R	-
81	Y/L	-
84	L/O	-
86	O	-
87	W/R	-
88	O	-
89	W/L	-
90	GR/L	-
91	W	-
92	G	-
94	W/R	-
96	L/W	-
97	R	-
98	V	-
99	L/W	-
100	P/B	-

Connector No.	M111
Connector Name	WIRE TO WIRE
Connector Type	TR80FW-C516-TM4



H.S.

Terminal No.	Color Of Wire	Signal Name [Specification]
1	R/B	-
2	G	-
3	W/R	-
5	W/B	-
6	L/Y	-
7	R	-
8	G/R	-
9	GR/R	-
11	W	-
12	V	-
13	Y	-
16	L/O	-
17	GR/L	-
18	RG	-
19	L/Y	-
20	G/Y	-

21	R	-
22	GR	-
27	L/O	-
29	SB	-
30	R/L	-
31	Y/L	-
32	W/R	-
33	W/G	-
34	L/R	-
36	G	-
37	V	-
38	SHIELD	-
39	P/B	-
40	W/R	-
41	R	-
42	L/W	-
43	B/W	-
44	L	-
45	B	-
46	SHIELD	-
47	R	-
48	W	-
49	SHIELD	-
50	V	-
51	O/L	-
52	L/R	-
53	SB	-
54	V/W	-
59	L	-
60	GR	-
61	P/L	-
62	B/SB	-
63	R/Y	-
64	BR	-
70	O	-
71	W	-
72	SHIELD	-
73	B	-
74	R	-
75	G	-
76	Y	-
77	SB	-
78	LG	-
79	R/B	-
90	W/B	-
93	Y	-
94	L	-
95	L/R	-
96	R	-
97	W	-

98	V	-
99	L/W	-
100	W	-

Connector No.	M137
Connector Name	SECOND SEAT POWER UNLOCK SWITCH LH
Connector Type	TK04FW



H.S.

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

Connector No.	M138
Connector Name	SECOND SEAT POWER UNLOCK SWITCH RH
Connector Type	TK04FW



H.S.

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

THIRD SEAT SEATBACK POWER FOLDING SYSTEM

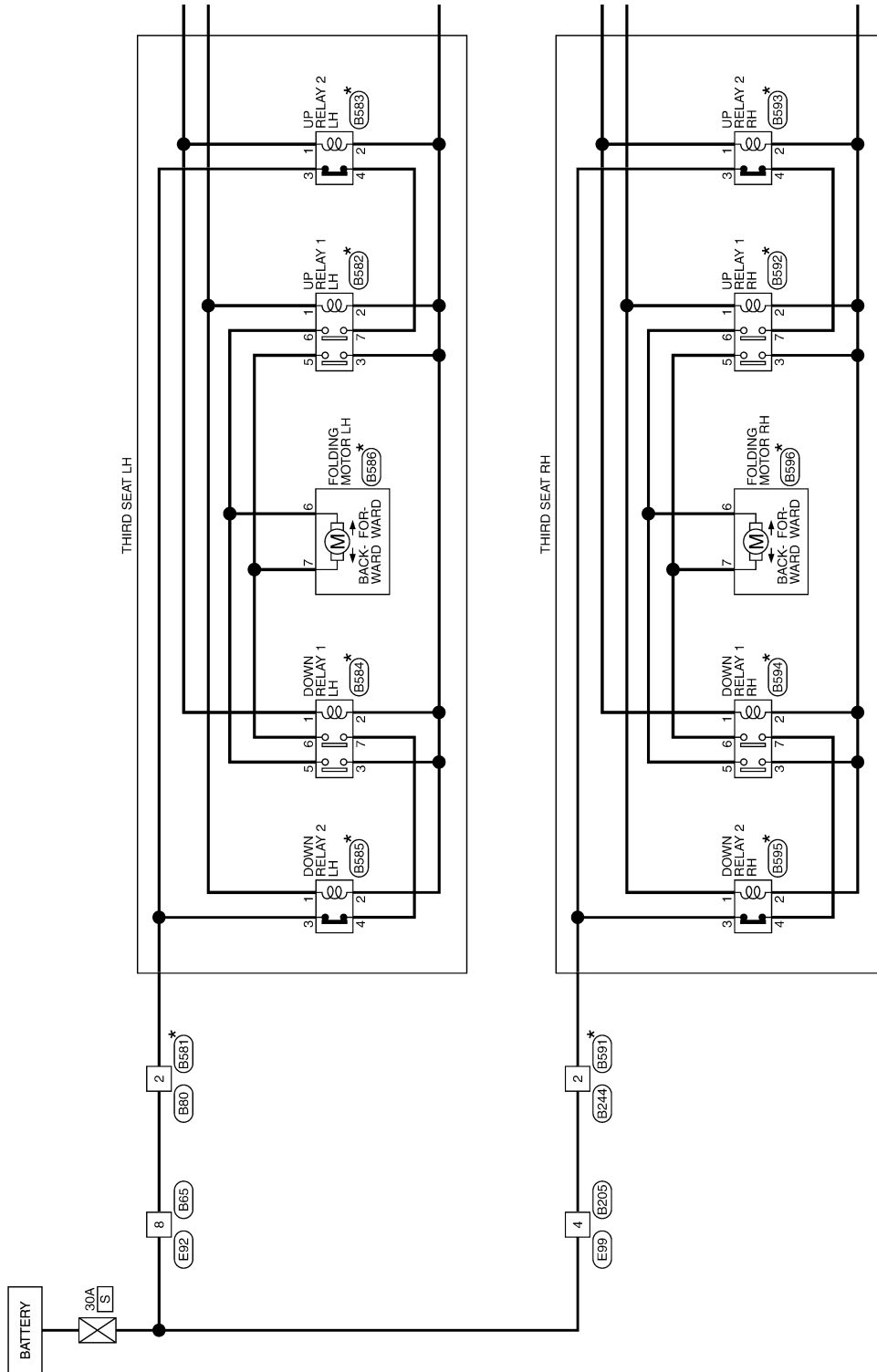
< WIRING DIAGRAM >

THIRD SEAT SEATBACK POWER FOLDING SYSTEM

Wiring Diagram

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THIRD SEAT SEATBACK POWER FOLDING SYSTEM



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

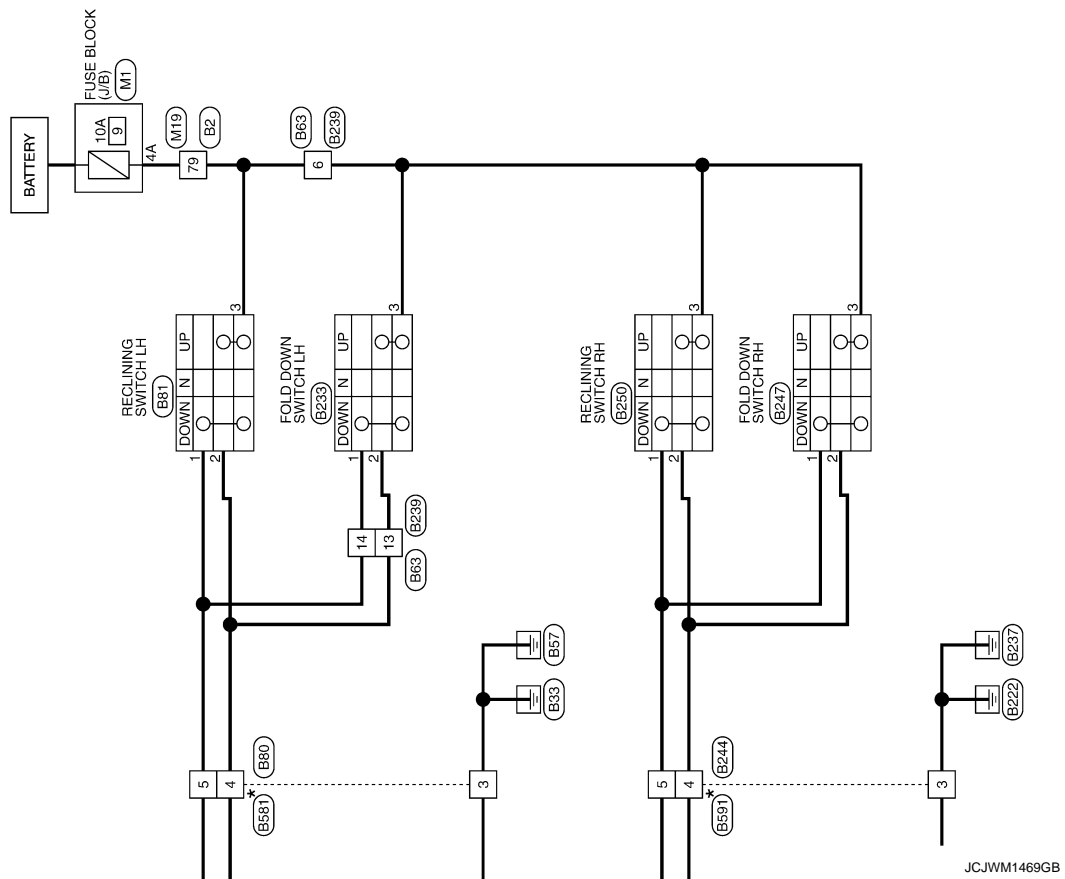
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THIRD SEAT SEATBACK POWER FOLDING SYSTEM

< WIRING DIAGRAM >



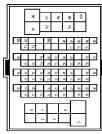
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THIRD SEAT SEATBACK POWER FOLDING SYSTEM

< WIRING DIAGRAM >

THIRD SEAT SEATBACK POWER FOLDING SYSTEM

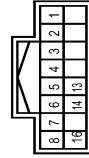
Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
2	BR	-
3	RW	-
4	L	-
5	V	-
6	G	-
7	WB	-
8	BR	-
9	GIR	-
10	BY	-
11	WR	-
12	GR	-
13	GR	-
14	BY	-
15	WR	-
16	GR	-
17	GR	-
18	GR	-
19	V	-
20	WG	-
21	BW	-
22	V	-
23	G	-
24	O	-
25	O	-
26	Y	-
27	L/O	-
28	Y/R	-
29	L	-
30	R	-
31	GY	-
32	B/SB	-
33	LG/R	-
34	BR/W	-
35	GR/R	-
36	SB	-
37	LG	-
38	L	-
39	B	-
40	WG	-
41	O	-

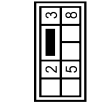
42	G/R	-
43	V/W	-
44	LG/B	-
45	R/Y	-
46	B	-
47	BR	-
49	GR	-
50	R/B	-
51	W/R	-
52	BRY	-
53	O/B	-
54	G/O	-
55	R/B	-
56	LG/R	-
57	GR/R	-
58	Y/G	-
59	V/W	-
60	R	-
61	R	-
62	B	-
63	B	-
64	R	-
65	W	-
66	G	-
67	SHIELD	-
69	LG/B	-
70	P/L	-
71	L	-
72	R	-
77	Y/B	-
78	Y/L	-
79	Y	-
80	W/R	-
81	Y/L	-
84	L/O	-
86	O	-
87	W/R	-
88	O	-
89	W/L	-
90	GR/L	-
91	W	-
92	G	-
94	W/R	-
96	L/W	-
97	R	-
98	V	-
99	L/W	-
100	P/B	-

Connector No.	B63
Connector Name	WIRE TO WIRE
Connector Type	TH18FM-NH



Terminal No.	Color Of Wire	Signal Name [Specification]
1	Y	-
2	L	-
3	Y/B	-
4	SB	-
5	G	-
6	Y	-
7	L/O	-
8	G	-
13	R/L	-
14	G	-
16	W	-

Connector No.	B65
Connector Name	WIRE TO WIRE
Connector Type	NS08MW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
2	LG	-
3	G	-
5	W	-
8	R	-

Connector No.	B80
Connector Name	WIRE TO WIRE
Connector Type	NS08FM-CS



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

Connector No.	B81
Connector Name	RECLINING SWITCH LH
Connector Type	TK08FM-TV



Terminal No.	Color Of Wire	Signal Name [Specification]
1	G	DOWN
2	R/L	UP
3	Y	GND

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THIRD SEAT SEATBACK POWER FOLDING SYSTEM

< WIRING DIAGRAM >

THIRD SEAT SEATBACK POWER FOLDING SYSTEM

Connector No.	B205
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS



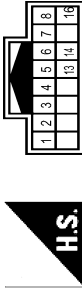
Terminal Color Of No.	Wire	Signal Name [Specification]
1	W	-
2	G	-
3	L	-
4	R	-
6	L	-

Connector No.	B233
Connector Name	FOLD DOWN SWITCH LH
Connector Type	TK06FW



Terminal Color Of No.	Wire	Signal Name [Specification]
1	G	DOWN
2	R/L	UP
3	Y	GND

Connector No.	B239
Connector Name	WIRE TO WIRE
Connector Type	TH16MW-AH



Terminal Color Of No.	Wire	Signal Name [Specification]
1	Y	-
2	L	-
3	Y	-
4	SB	-
6	LG	-
7	Y	-
8	G	-
13	R/L	-
14	G	-
16	W	-

Connector No.	B244
Connector Name	WIRE TO WIRE
Connector Type	NS06FBR-CS



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

Connector No.	B247
Connector Name	FOLD DOWN SWITCH RH
Connector Type	TK06FM-TV



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

Connector No.	B250
Connector Name	RECLINING SWITCH RH
Connector Type	TK06FM-TV



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

Connector No.	B581
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS



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

Connector No.	B582
Connector Name	UP RELAY 1 LH
Connector Type	M05FBR-R



















Terminal Color Of No.	Wire	Signal Name [Specification]
1	R/L	-
2	B	-
3	B	-
5	P/B	-
6	L	-
7	W	-

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THIRD SEAT SEATBACK POWER FOLDING SYSTEM

< WIRING DIAGRAM >

THIRD SEAT SEATBACK POWER FOLDING SYSTEM

<table border="1"> <tr><td>Connector No.</td><td>B583</td></tr> <tr><td>Connector Name</td><td>UP RELAY 2 LH</td></tr> <tr><td>Connector Type</td><td>MS03FB-M2</td></tr> </table>  <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>B</td><td>-</td></tr> <tr><td>3</td><td>R</td><td>-</td></tr> <tr><td>4</td><td>W</td><td>-</td></tr> </table> 	Connector No.	B583	Connector Name	UP RELAY 2 LH	Connector Type	MS03FB-M2	Terminal No.	Color Of Wire	Signal Name (Specification)	1	G	-	2	B	-	3	R	-	4	W	-	<table border="1"> <tr><td>Connector No.</td><td>B585</td></tr> <tr><td>Connector Name</td><td>DOWN RELAY 2 LH</td></tr> <tr><td>Connector Type</td><td>MS03FB-M2</td></tr> </table>  <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/L</td><td>-</td></tr> <tr><td>2</td><td>B</td><td>-</td></tr> <tr><td>3</td><td>R</td><td>-</td></tr> <tr><td>4</td><td>P</td><td>-</td></tr> </table> 	Connector No.	B585	Connector Name	DOWN RELAY 2 LH	Connector Type	MS03FB-M2	Terminal No.	Color Of Wire	Signal Name (Specification)	1	R/L	-	2	B	-	3	R	-	4	P	-	<table border="1"> <tr><td>Connector No.</td><td>B591</td></tr> <tr><td>Connector Name</td><td>WIRE TO WIRE</td></tr> <tr><td>Connector Type</td><td>NS06MBRCS</td></tr> </table>  <table border="1"> <tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name (Specification)</td></tr> <tr><td>2</td><td>R</td><td>-</td></tr> <tr><td>3</td><td>B</td><td>-</td></tr> <tr><td>4</td><td>R/L</td><td>-</td></tr> <tr><td>5</td><td>G</td><td>-</td></tr> </table> 	Connector No.	B591	Connector Name	WIRE TO WIRE	Connector Type	NS06MBRCS	Terminal No.	Color Of Wire	Signal Name (Specification)	2	R	-	3	B	-	4	R/L	-	5	G	-	<table border="1"> <tr><td>Connector No.</td><td>B593</td></tr> <tr><td>Connector Name</td><td>UP RELAY 2 RH</td></tr> <tr><td>Connector Type</td><td>MS03FB-M2</td></tr> </table>  <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>B</td><td>-</td></tr> <tr><td>3</td><td>R</td><td>-</td></tr> <tr><td>4</td><td>W</td><td>-</td></tr> </table> 	Connector No.	B593	Connector Name	UP RELAY 2 RH	Connector Type	MS03FB-M2	Terminal No.	Color Of Wire	Signal Name (Specification)	1	G	-	2	B	-	3	R	-	4	W	-						
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<table border="1"> <tr><td>Connector No.</td><td>B584</td></tr> <tr><td>Connector Name</td><td>DOWN RELAY 1 LH</td></tr> <tr><td>Connector Type</td><td>M06FBR-R</td></tr> </table>  <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>B</td><td>-</td></tr> <tr><td>3</td><td>R</td><td>-</td></tr> <tr><td>4</td><td>W</td><td>-</td></tr> </table> 	Connector No.	B584	Connector Name	DOWN RELAY 1 LH	Connector Type	M06FBR-R	Terminal No.	Color Of Wire	Signal Name (Specification)	1	G	-	2	B	-	3	R	-	4	W	-	<table border="1"> <tr><td>Connector No.</td><td>B586</td></tr> <tr><td>Connector Name</td><td>FOLDING MOTOR LH</td></tr> <tr><td>Connector Type</td><td>M02FW-LC</td></tr> </table>  <table border="1"> <tr><td>Terminal No.</td><td>Color Of Wire</td><td>Signal Name (Specification)</td></tr> <tr><td>6</td><td>L</td><td>-</td></tr> <tr><td>7</td><td>P/B</td><td>-</td></tr> </table> 	Connector No.	B586	Connector Name	FOLDING MOTOR LH	Connector Type	M02FW-LC	Terminal No.	Color Of Wire	Signal Name (Specification)	6	L	-	7	P/B	-	<table border="1"> <tr><td>Connector No.</td><td>B592</td></tr> <tr><td>Connector Name</td><td>UP RELAY 1 RH</td></tr> <tr><td>Connector Type</td><td>M06FBR-R</td></tr> </table>  <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/L</td><td>-</td></tr> <tr><td>2</td><td>B</td><td>-</td></tr> <tr><td>3</td><td>B</td><td>-</td></tr> <tr><td>5</td><td>P/B</td><td>-</td></tr> <tr><td>6</td><td>L</td><td>-</td></tr> <tr><td>7</td><td>W</td><td>-</td></tr> </table> 	Connector No.	B592	Connector Name	UP RELAY 1 RH	Connector Type	M06FBR-R	Terminal No.	Color Of Wire	Signal Name (Specification)	1	R/L	-	2	B	-	3	B	-	5	P/B	-	6	L	-	7	W	-	<table border="1"> <tr><td>Connector No.</td><td>B594</td></tr> <tr><td>Connector Name</td><td>DOWN RELAY 1 RH</td></tr> <tr><td>Connector Type</td><td>M06FBR-R</td></tr> </table>  <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>B</td><td>-</td></tr> <tr><td>3</td><td>B</td><td>-</td></tr> <tr><td>5</td><td>L</td><td>-</td></tr> <tr><td>6</td><td>P/B</td><td>-</td></tr> <tr><td>7</td><td>P</td><td>-</td></tr> </table> 	Connector No.	B594	Connector Name	DOWN RELAY 1 RH	Connector Type	M06FBR-R	Terminal No.	Color Of Wire	Signal Name (Specification)	1	G	-	2	B	-	3	B	-	5	L	-	6	P/B	-	7	P	-
Connector No.	B584																																																																																												
Connector Name	DOWN RELAY 1 LH																																																																																												
Connector Type	M06FBR-R																																																																																												
Terminal No.	Color Of Wire	Signal Name (Specification)																																																																																											
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Terminal No.	Color Of Wire	Signal Name (Specification)																																																																																											
1	G	-																																																																																											
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THIRD SEAT SEATBACK POWER FOLDING SYSTEM

< WIRING DIAGRAM >

THIRD SEAT SEATBACK POWER FOLDING SYSTEM

Connector No.	B595
Connector Name	DOWN RELAY 2 RH
Connector Type	MS03FB-M2



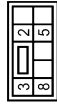
Terminal No.	Color Of Wire	Signal Name [Specification]
1	R/L	-
2	B	-
3	R	-
4	P	-

Connector No.	B596
Connector Name	FOLDING MOTOR RH
Connector Type	MO2MW-LC



Terminal No.	Color Of Wire	Signal Name [Specification]
6	L	-
7	P/B	-

Connector No.	E92
Connector Name	WIRE TO WIRE
Connector Type	NS08FW-CS



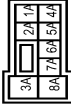
Terminal No.	Color Of Wire	Signal Name [Specification]
2	LG	-
3	G	-
5	W	-
8	R	-

Connector No.	E99
Connector Name	WIRE TO WIRE
Connector Type	NS08FW-CS



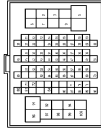
Terminal No.	Color Of Wire	Signal Name [Specification]
1	W	-
2	G	-
3	L	-
4	R	-
6	L/W	-

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



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

Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	TH08FW-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
2	L	-
3	BR	-
5	R/W	-
6	L	-
7	V	-
9	G	-
11	W/B	-
12	BR	-
13	GR	-
14	BY	-
15	W/R	-
16	GR/R	-

18	GW	-
19	V	-
20	W/G	-
21	B/W	-
22	V	-
24	G	-
25	O	-
26	Y	-
27	L/O	-
28	Y/R	-
29	L	-
30	R	-
31	GY	-
32	B/SB	-
33	LG/R	-
34	BR/W	-
35	GR/R	-
36	SB	-
37	LG	-
38	L	-
39	P	-
40	W/G	-
41	O	-
42	GR	-
43	V/W	-
44	LG/B	-
45	R/Y	-
46	B	-
47	BR/W	-
49	GR	-
50	R/B	-
51	W/R	-
52	BR/Y	-
53	O/B	-
54	G/O	-
55	R/B	-
56	LG/R	-
57	GR/R	-
58	Y/G	-
59	V/W	-
60	R	-
63	B	-
64	R	-
65	W	-
66	G	-
67	SHIELD	-
68	LG/B	-
70	P/L	-
71	L	-
72	R	-

THIRD SEAT SEATBACK POWER FOLDING SYSTEM

< WIRING DIAGRAM >

THIRD SEAT SEATBACK POWER FOLDING SYSTEM

77	Y/B	-
78	Y/L	-
79	Y	-
80	W/R	-
81	Y/L	-
84	L/O	-
86	O	-
87	W/R	-
88	O	-
89	W/L	-
90	GR/L	-
91	W	-
92	G	-
94	W/R	-
96	L/W	-
97	R	-
98	Y	-
99	L/W	-
100	P/B	-

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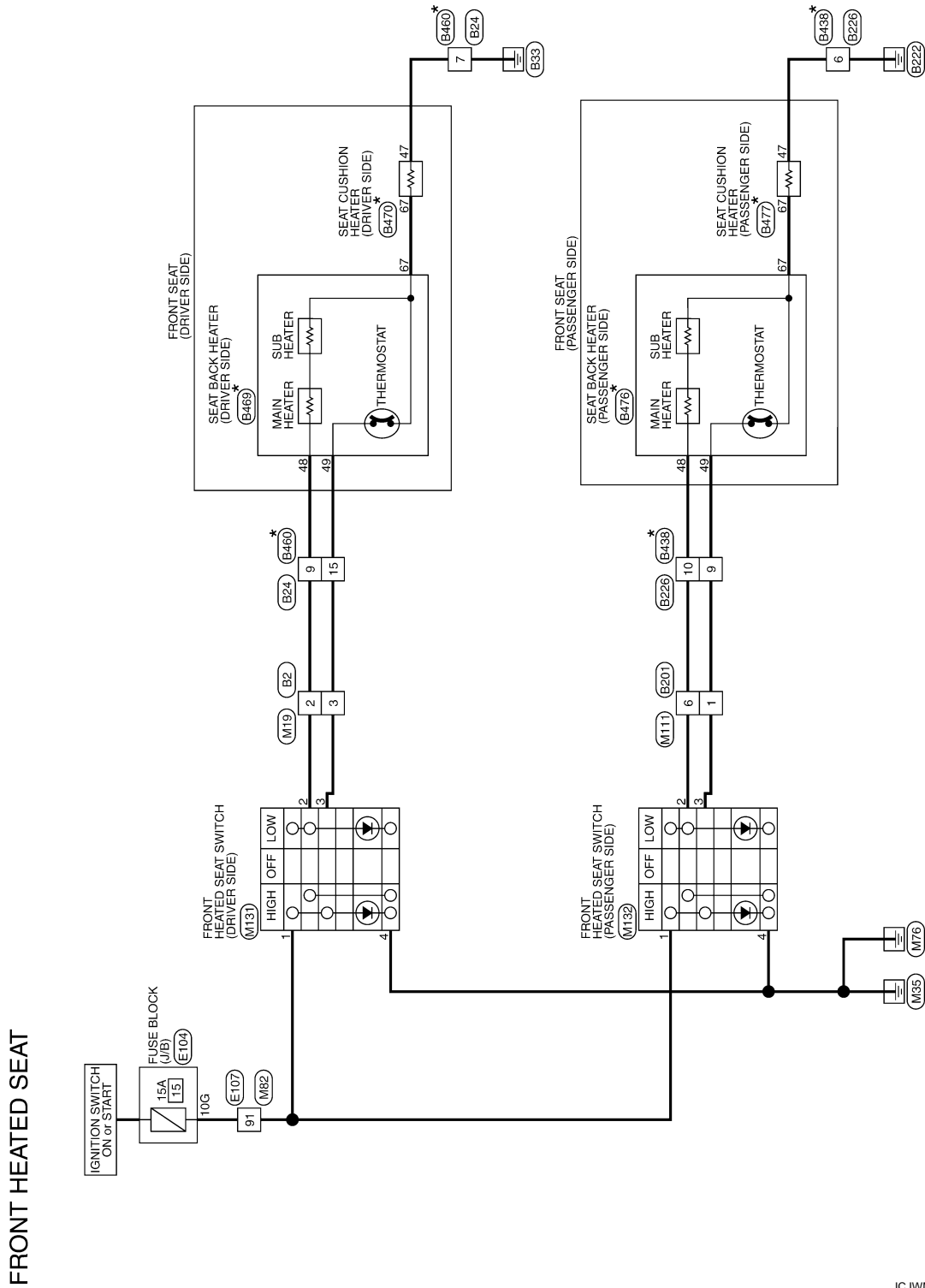
FRONT HEATED SEAT SYSTEM

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FRONT HEATED SEAT SYSTEM

Wiring Diagram

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

2010/03/12

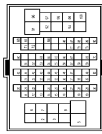
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FRONT HEATED SEAT SYSTEM

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FRONT HEATED SEAT

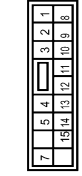
Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
2	L	-
3	BR	-
5	R/W	-
6	L	-
7	V	-
9	G	-
11	W/B	-
12	BR	-
13	GR	-
14	BY	-
15	WR	-
16	GR/R	-
18	GW	-
19	V	-
20	W/G	-
21	B/W	-
22	V	-
24	G	-
25	O	-
26	Y	-
27	L/O	-
28	Y/R	-
29	L	-
30	R	-
31	G/Y	-
32	B/SB	-
33	L/G/R	-
34	BR/W	-
35	GR/R	-
36	SB	-
37	LG	-
38	L	-
39	B	-
40	W/G	-
41	O	-

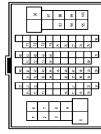
42	G/R	-
43	V/W	-
44	L/G/B	-
45	R/Y	-
46	B	-
47	BR	-
49	GR	-
50	R/B	-
51	W/R	-
52	BR/Y	-
53	O/B	-
54	G/O	-
55	R/B	-
56	L/G/R	-
57	GR/R	-
58	Y/G	-
59	V/W	-
60	R	-
63	B	-
64	R	-
65	W	-
66	G	-
67	SHIELD	-
69	L/G/B	-
70	P/L	-
71	L	-
72	R	-
77	Y/B	-
78	Y/L	-
79	Y	-
80	W/R	-
81	Y/L	-
84	L/O	-
86	O	-
87	W/R	-
88	O	-
89	W/L	-
90	GR/L	-
91	W	-
92	G	-
94	W/R	-
96	L/W	-
97	R	-
98	V	-
99	L/W	-
100	P/B	-

Connector No.	B24
Connector Name	WIRE TO WIRE
Connector Type	NS16FM-CS



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

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



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

7	R	-
8	GR	-
9	GR/R	-
11	W	-
12	V	-
13	Y	-
16	L/O	-
17	GR/L	-
18	R/G	-
19	L/Y	-
20	G/Y	-
21	R	-
22	GR	-
27	L/W	-
29	W	-
30	R/L	-
31	Y/L	-
32	W/R	-
33	W/G	-
34	L/R	-
36	G	-
37	V	-
38	SHIELD	-
39	P/B	-
40	W/R	-
41	R	-
42	L	-
43	B/W	-
44	L	-
45	P	-
46	SHIELD	-
47	R	-
48	W	-
49	SHIELD	-
50	V	-
51	L/B	-
52	L/R	-
53	SB	-
54	V/W	-
59	L	-
60	GR	-
61	P/L	-
62	B/SB	-
63	R/Y	-
64	BR	-
70	O	-
71	W	-
72	SHIELD	-
73	B	-

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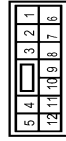
FRONT HEATED SEAT SYSTEM

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FRONT HEATED SEAT

74	R	-
75	G	-
76	Y	-
77	SB	-
78	LG	-
79	R/B	-
90	W/B	-
93	Y	-
94	L	-
95	L/R	-
96	R	-
97	W	-
98	V	-
99	L/W	-
100	W	-

Connector No.	B226
Connector Name	WIRE TO WIRE
Connector Type	NS2PW-CS



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

Connector No.	B438
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS



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

Connector No.	B460
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



Terminal Color Of No.	Wire	Signal Name [Specification]
1	R	-
2	R/G	-
3	R/W	-
4	W/R	-
5	W/L	-
7	LG	-
8	W/B	-
9	-	-

10	R/B	-
11	R	-
12	V	-
13	R/Y	-
14	G	-
15	-	-

Connector No.	B469
Connector Name	SEAT BACK HEATER (DRIVER SIDE)
Connector Type	NS03MW-CS



Terminal Color Of No.	Wire	Signal Name [Specification]
48	BR/W	-
49	P	-
67	W	-

Connector No.	B470
Connector Name	SEAT CUSHION HEATER (DRIVER SIDE)
Connector Type	NS02MW-CS



Terminal Color Of No.	Wire	Signal Name [Specification]
47	LG	-
67	W	-

Connector No.	B476
Connector Name	SEAT BACK HEATER (PASSENGER SIDE)
Connector Type	NS03MW-CS



Terminal Color Of No.	Wire	Signal Name [Specification]
48	B	-
49	G	-
67	W	-

Connector No.	B477
Connector Name	SEAT CUSHION HEATER (PASSENGER SIDE)
Connector Type	NS02MW-CS



Terminal Color Of No.	Wire	Signal Name [Specification]
47	LG	-
67	W	-

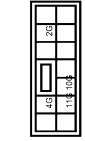
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FRONT HEATED SEAT SYSTEM

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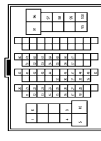
FRONT HEATED SEAT

Connector No.	E104
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS12FBR-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
10G	G/R	-
11G	G/R	-
2G	GR	-
4G	L/W	-

Connector No.	E107
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
4	V/W	-
5	G/R	-
6	P	-
9	GR/L	-
10	Y/R	-
11	L/R	-
12	W/G	-
13	BR/Y	-
14	L/G	-
15	BR/W	-
16	BY	-
17	W/B	-
18	GR/R	-
20	W/R	-
21	B	-

22	R/L	-
23	G/R	-
24	R/W	-
25	W/L	-
26	R	-
27	L	-
28	G/B	-
35	G	-
36	Y	-
37	R	-
38	GY	-
39	O	-
40	W	-
41	R	-
42	B	-
43	G	-
44	SHIELD	-
46	B	-
47	W	-
48	SHIELD	-
49	W	-
50	SHIELD	-
51	Y/R	-
52	GR	-
53	LGB	-
54	LGR	-
55	R/G	-
56	B/R	-
57	SB	-
60	G	-
61	B	-
62	W	-
63	R	-
64	SHIELD	-
65	L/Y	-
66	V	-
67	B/W	-
91	G/R	-
95	SB	-
96	G/R	-
97	GR/L	-
98	GW	-
99	R/Y	-
100	L	-

Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	TH80FV-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
2	L	-
3	BR	-
6	R/W	-
7	L	-
8	V	-
9	G	-
11	W/B	-
12	BR	-
13	G/R	-
14	BY	-
15	W/R	-
16	G/R	-
18	GW	-
19	V	-
20	W/G	-
21	B/W	-
22	V	-
24	G	-
25	O	-
26	Y	-
27	L/O	-
28	Y/R	-
29	L	-
30	R	-
31	GY	-
32	B/SB	-
33	LGR	-
34	BR/W	-
35	GR/R	-
36	SB	-
37	LG	-
38	L	-
39	P	-
40	WG	-
41	O	-
42	GR	-

43	V/W	-
44	LGB	-
45	R/Y	-
46	B	-
47	BR/W	-
49	GR	-
50	R/B	-
51	W/R	-
52	BR/Y	-
53	O/B	-
54	G/O	-
55	R/B	-
56	LGR	-
57	GR/R	-
58	Y/G	-
59	V/W	-
60	R	-
63	B	-
64	R	-
65	W	-
66	G	-
67	SHIELD	-
69	LGB	-
70	P/L	-
71	L	-
72	R	-
77	Y/B	-
78	Y/L	-
79	Y	-
80	W/R	-
81	Y/L	-
84	L/O	-
86	O	-
87	W/R	-
88	O	-
89	W/L	-
90	GR/L	-
91	W	-
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97	R	-
98	V	-
99	L/W	-
100	P/B	-

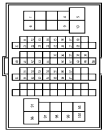
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FRONT HEATED SEAT SYSTEM

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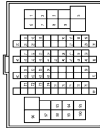
FRONT HEATED SEAT

Connector No.	M082
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	-
4	V/W	-
5	G/R	-
6	P	-
8	GS/L	-
10	Y/R	-
11	L/R	-
12	W/G	-
13	BR/Y	-
14	LG	-
15	BR/W	-
16	BY	-
17	WB	-
18	GR/R	-
20	W/R	-
21	B	-
22	R/L	-
23	G/R	-
24	R/W	-
25	W/L	-
26	R	-
27	L	-
28	B/SB	-
35	G	-
36	Y	-
37	R	-
38	GY	-
39	O	-
40	W	-
41	R	-
42	B	-
43	G	-
44	SHIELD	-
46	B	-
47	W	-
48	SHIELD	-

Connector No.	M111
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



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

13	Y	-
16	L/O	-
17	GR/L	-
18	R/G	-
19	L/Y	-
20	GY	-
21	R	-
22	GR	-
27	L/O	-
29	SB	-
30	R/L	-
31	Y/L	-
32	W/R	-
33	W/G	-
34	L/R	-
36	G	-
37	V	-
38	SHIELD	-
39	PR	-
40	WR	-
41	R	-
42	L/W	-
43	B/W	-
44	L	-
45	P	-
46	SHIELD	-
47	R	-
48	W	-
49	SHIELD	-
50	V	-
51	O/L	-
52	L/R	-
53	SB	-
54	V/W	-
59	L	-
60	GR	-
61	P/L	-
62	B/SB	-
63	R/Y	-
64	BR	-
70	O	-
71	W	-
72	SHIELD	-
73	B	-
74	R	-
75	G	-
76	Y	-
77	SB	-
78	LG	-
79	R/B	-

90	W/B	-
93	Y	-
94	L	-
95	L/R	-
96	R	-
97	W	-
98	V	-
99	L/W	-
100	W	-

Connector No.	M131
Connector Name	FRONT HEATED SEAT SWITCH (DRIVER SIDE)
Connector Type	NS06FW-CS



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

Connector No.	M132
Connector Name	FRONT HEATED SEAT SWITCH (PASSENGER SIDE)
Connector Type	NS06FW-CS



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

JRJWC1866GB

FRONT HEATED SEAT SYSTEM

< WIRING DIAGRAM >

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FRONT HEATED SEAT	
4	B
5	L/W
6	B/O

JRJWC1867GB

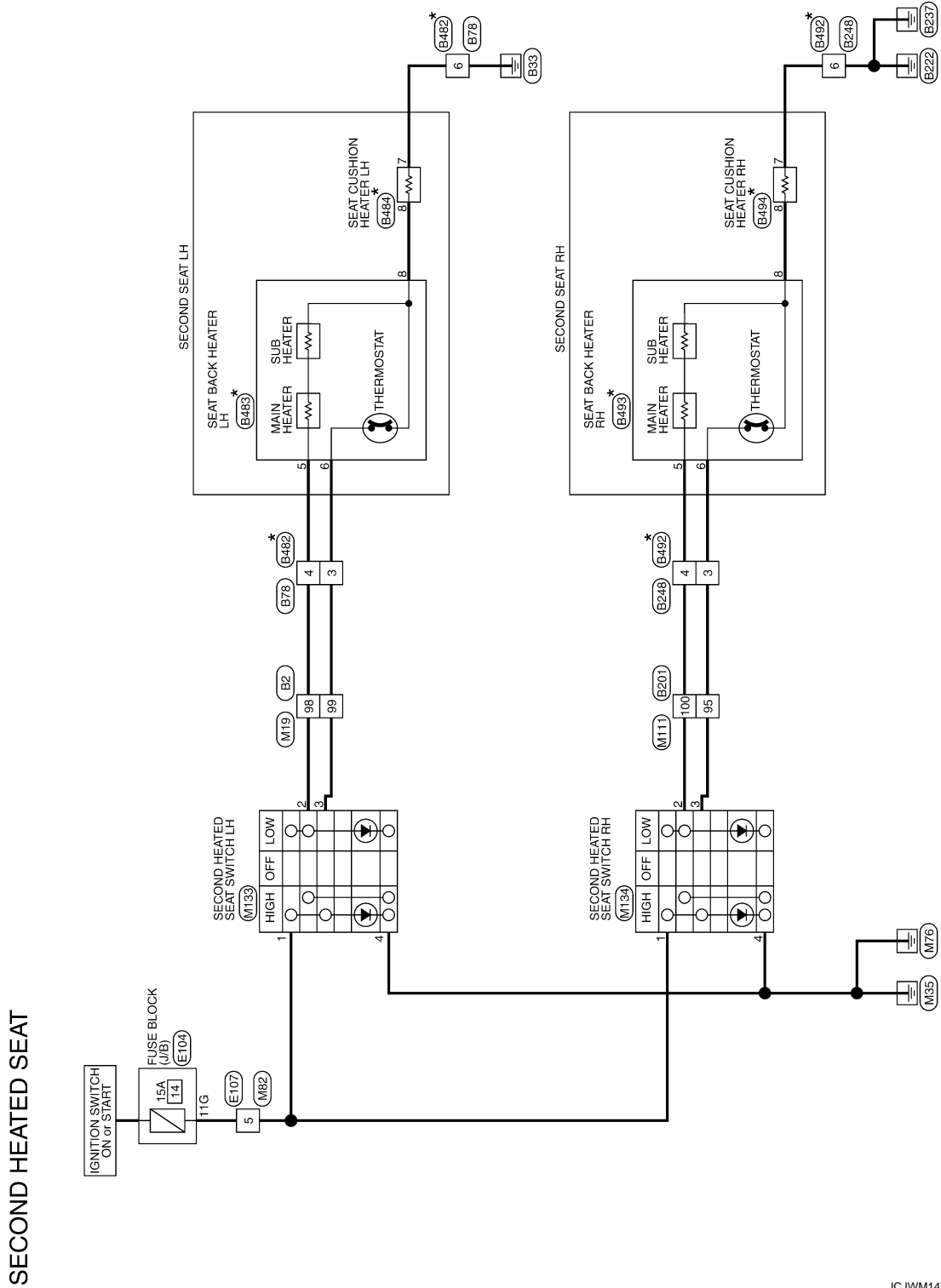
SECOND HEATED SEAT SYSTEM

< WIRING DIAGRAM >

SECOND HEATED SEAT SYSTEM

Wiring Diagram

INFOID:000000009011775



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

2010/03/12

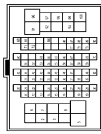
JCJWM1471GB

SECOND HEATED SEAT SYSTEM

< WIRING DIAGRAM >

SECOND HEATED SEAT

Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



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

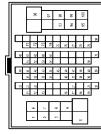
42	G/R	-
43	V/W	-
44	LG/B	-
45	R/Y	-
46	B	-
47	BR	-
48	GR	-
49	R/B	-
50	W/R	-
51	BR/Y	-
52	O/B	-
53	G/O	-
54	R/B	-
55	LG/B	-
56	GR/R	-
57	Y/G	-
58	V/W	-
59	R	-
60	B	-
61	R	-
62	W	-
63	G	-
64	W/B	-
65	GR	-
66	G	-
67	SHIELD	-
68	LG/B	-
69	P/L	-
70	L	-
71	R	-
72	Y/B	-
73	Y/L	-
74	Y	-
75	W/R	-
76	L	-
77	L/O	-
78	O	-
79	W/R	-
80	W/L	-
81	W	-
82	G	-
83	W/R	-
84	L/O	-
85	O	-
86	W/R	-
87	O	-
88	W/L	-
89	GR/L	-
90	W	-
91	W	-
92	G	-
93	W/R	-
94	L/W	-
95	R	-
96	GR/R	-
97	R	-
98	V	-
99	L/W	-
100	P/B	-

Connector No.	B78
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS



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

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



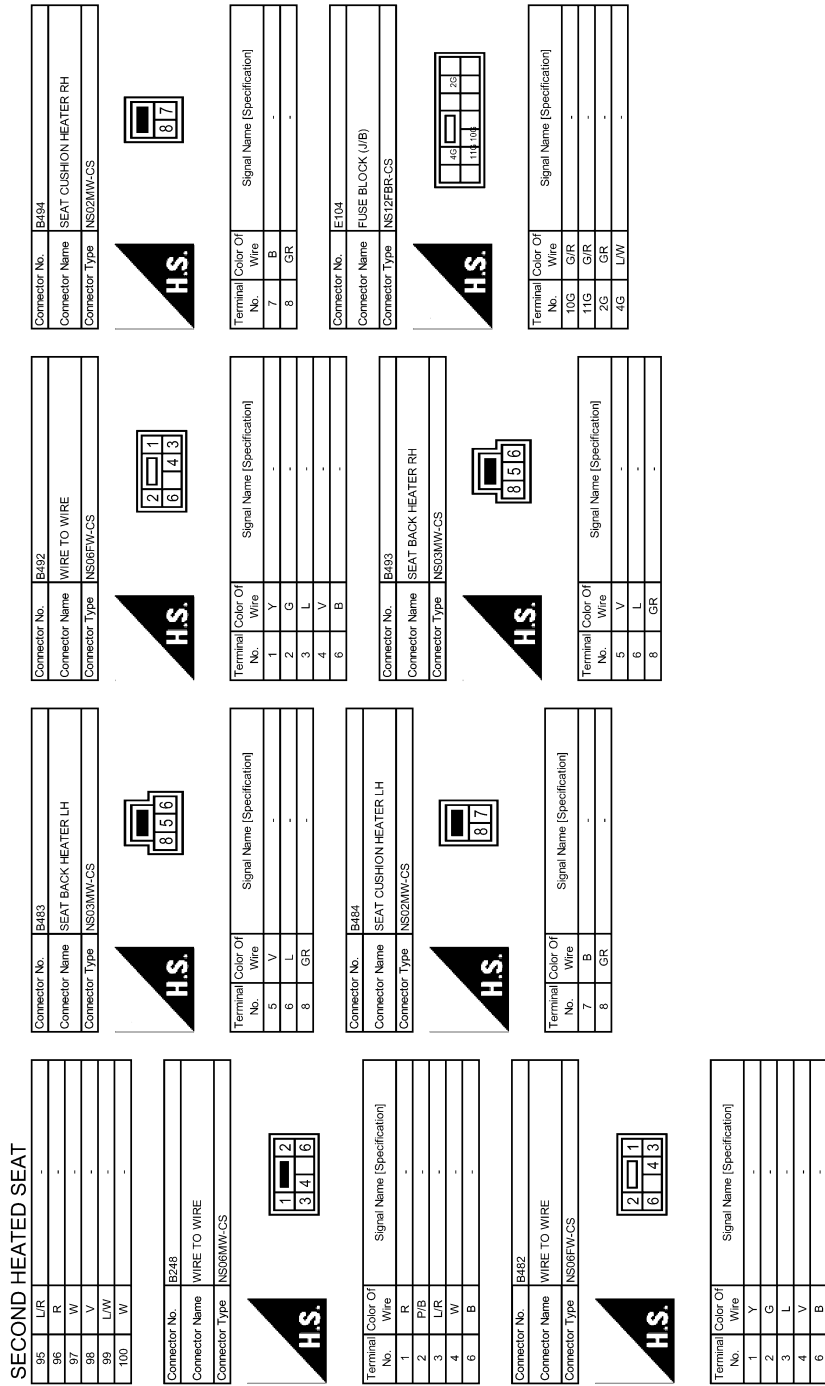
Terminal No.	Color Of Wire	Signal Name [Specification]
1	R/B	-
2	G	-
3	W	-
4	W/B	-
5	W	-
6	L/Y	-
7	R	-
8	GR	-
9	GR/R	-
10	W	-
11	V	-
12	Y	-
13	Y	-
14	L/O	-
15	L/O	-
16	GR/L	-
17	GR/L	-
18	R/G	-

19	L/Y	-
20	G/Y	-
21	R	-
22	GR	-
23	L/W	-
24	W	-
25	R/L	-
26	Y/L	-
27	W/R	-
28	W/G	-
29	L/R	-
30	G	-
31	V	-
32	SHIELD	-
33	P/B	-
34	W/R	-
35	R	-
36	L	-
37	R	-
38	BW	-
39	L	-
40	P	-
41	SHIELD	-
42	R	-
43	W	-
44	SHIELD	-
45	V	-
46	L/B	-
47	L/R	-
48	SB	-
49	V/W	-
50	L	-
51	GR	-
52	P/L	-
53	B/SB	-
54	R/Y	-
55	BR	-
56	O	-
57	W	-
58	SHIELD	-
59	W	-
60	B	-
61	R	-
62	G	-
63	Y	-
64	SB	-
65	Y	-
66	SB	-
67	LG	-
68	R/B	-
69	W/B	-
70	Y	-
71	L	-

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SECOND HEATED SEAT SYSTEM

< WIRING DIAGRAM >



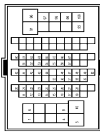
JRJWC1869GB

SECOND HEATED SEAT SYSTEM

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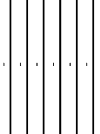
SECOND HEATED SEAT

Connector No.	IE107
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



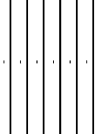
Terminal No.	Color Of Wire	Signal Name [Specification]
1	L	
2	W	
3	GR	
4	V/W	
5	GR	
6	P	
7	GR	
8	GR/L	
9	Y/R	
10	Y/R	
11	L/R	
12	W/G	
13	BR/Y	
14	LG	
15	BR/W	
16	BY	
17	WB	
18	GR/R	
19	W	
20	W/R	
21	B	
22	R/L	
23	GR	
24	R/W	
25	W/L	
26	R	
27	L	
28	G/B	
29	G	
30	Y	
31	R	
32	G/Y	
33	O	
34	W	
35	R	
36	G	
37	GR	
38	G/Y	
39	O	
40	W	
41	R	
42	B	
43	G	
44	SHIELD	
45	B	
46	W	
47	W	
48	SHIELD	

Connector No.	M19
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
49	W	
50	SHIELD	
51	Y/R	
52	GR	
53	LG/B	
54	LG/R	
55	R/G	
56	B/R	
57	SB	
58	G	
59	B	
60	W	
61	R	
62	SHIELD	
63	L/Y	
64	V	
65	BR	
66	W	
67	GR	
68	SB	
69	GR/L	
70	GR	
71	GR	
72	SB	
73	SB	
74	LG	
75	P	
76	L	
77	W/G	
78	O	
79	GR	
80	V/W	
81	LG/B	
82	R/Y	
83	L	
84	W/G	
85	O	
86	R/B	
87	GR/R	
88	GR	
89	Y/G	
90	P	
91	W	
92	SHIELD	
93	W	
94	W	
95	W	
96	W	
97	W	
98	W	
99	W	
100	L	

Connector No.	M82
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4



Terminal No.	Color Of Wire	Signal Name [Specification]
15	W/R	
16	GR/R	
17	GR	
18	GW	
19	V	
20	W/G	
21	B/W	
22	V	
23	G	
24	Y	
25	O	
26	Y	
27	L/O	
28	Y/R	
29	L	
30	R	
31	G/Y	
32	GR	
33	B/SB	
34	LG/R	
35	BR/W	
36	GR/R	
37	SB	
38	LG	
39	P	
40	W/G	
41	O	
42	GR	
43	V/W	
44	LG/B	
45	R/Y	
46	B	
47	BR/W	
48	GR	
49	GR	
50	R/B	
51	W/R	
52	BR/Y	
53	O/B	
54	G/O	
55	R/B	
56	LG/R	
57	GR/R	
58	Y/G	
59	V/W	
60	R	
61	L/R	
62	B	
63	B	
64	V	
65	W	
66	G	
67	SHIELD	
68	GR	
69	LG/B	
70	PL	

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SECOND HEATED SEAT SYSTEM

< WIRING DIAGRAM >

SECOND HEATED SEAT

18	GR/R	-
20	W/R	-
21	B	-
22	R/L	-
23	G/R	-
24	R/W	-
25	W/L	-
26	R	-
27	L	-
28	B/SB	-
35	G	-
36	Y	-
37	R	-
38	G/Y	-
39	O	-
40	W	-
41	R	-
42	B	-
43	G	-
44	SHIELD	-
46	B	-
47	W	-
48	SHIELD	-
49	W	-
50	SHIELD	-
51	Y/R	-
52	GR	-
53	LG/B	-
54	LG/R	-
55	R/G	-
56	B/O	-
57	SB	-
60	G	-
61	B	-
62	W	-
63	R	-
64	SHIELD	-
65	L/Y	-
66	V	-
67	B/W	-
91	G/R	-
95	SB	-
96	G/R	-
97	GR/L	-
98	G/W	-
99	P	-
100	L	-

Connector No.	M111
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS(6-TM4)



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R/B	-
2	G	-
3	W/R	-
5	W/B	-
6	L/Y	-
7	B	-
8	GR	-
9	GR/R	-
11	W	-
12	V	-
13	Y	-
16	L/O	-
17	GR/L	-
18	R/G	-
19	L/Y	-
20	G/Y	-
21	R	-
22	GR	-
27	L/O	-
29	SB	-
30	R/L	-
31	Y/L	-
32	W/R	-
33	W/G	-
34	L/R	-
36	G	-
37	V	-
38	SHIELD	-
39	P/B	-
40	W/R	-
41	R	-
42	L/W	-
43	B/W	-
44	B	-
46	SHIELD	-

47	R	-
48	W	-
49	SHIELD	-
50	V	-
51	O/L	-
52	L/R	-
53	SB	-
54	V/W	-
59	L	-
60	GR	-
61	P/L	-
62	B/SB	-
63	R/Y	-
64	BR	-
70	O	-
71	W	-
72	SHIELD	-
73	B	-
74	R	-
75	G	-
76	Y	-
77	SB	-
78	LG	-
79	R/B	-
90	W/B	-
93	Y	-
94	L	-
95	L/R	-
96	R	-
97	W	-
98	V	-
99	L/W	-
100	W	-

Connector No.	M133
Connector Name	SECOND HEATED SEAT SWITCH LH
Connector Type	NS08FW-CS



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

Connector No.	M134
Connector Name	SECOND HEATED SEAT SWITCH RH
Connector Type	NS08FBR-CS



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

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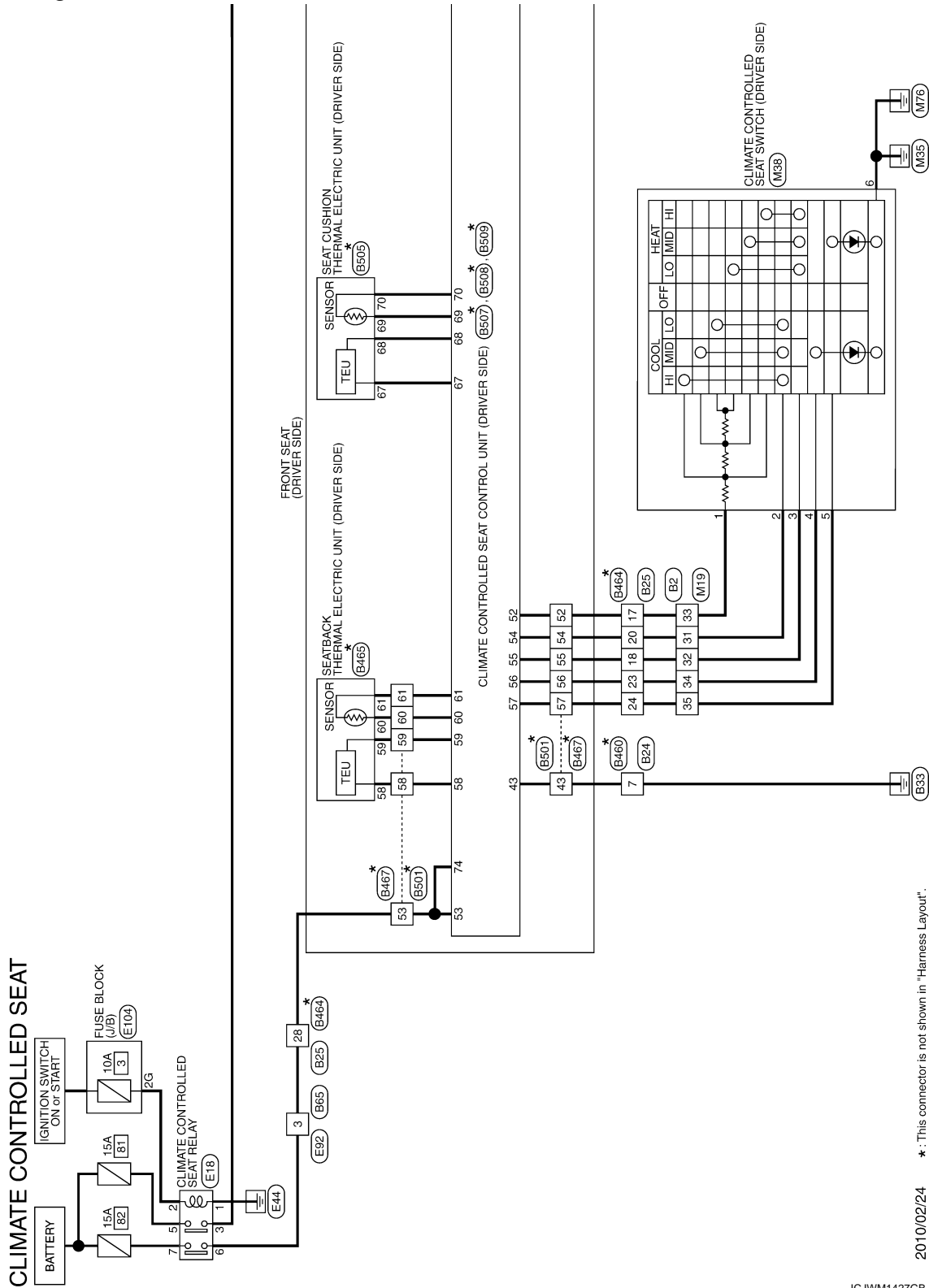
CLIMATE CONTROLLED SEAT SYSTEM

< WIRING DIAGRAM >

CLIMATE CONTROLLED SEAT SYSTEM

Wiring Diagram

INFOID:000000009011776



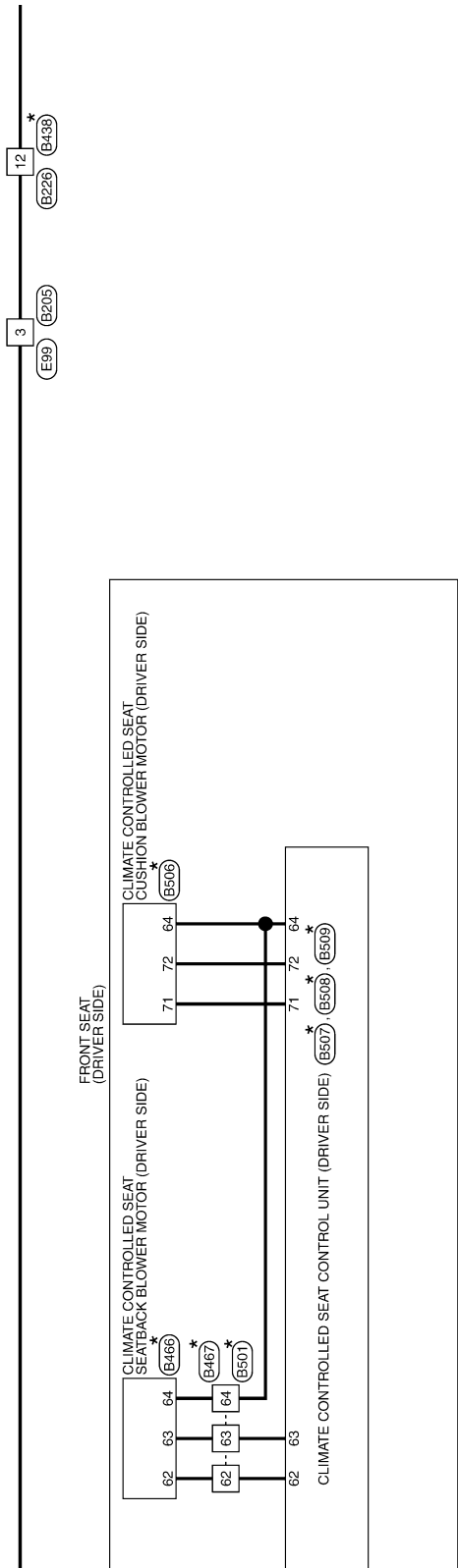
2010/02/24 * This connector is not shown in "Harness Layout".

JCJWM1427GB

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CLIMATE CONTROLLED SEAT SYSTEM

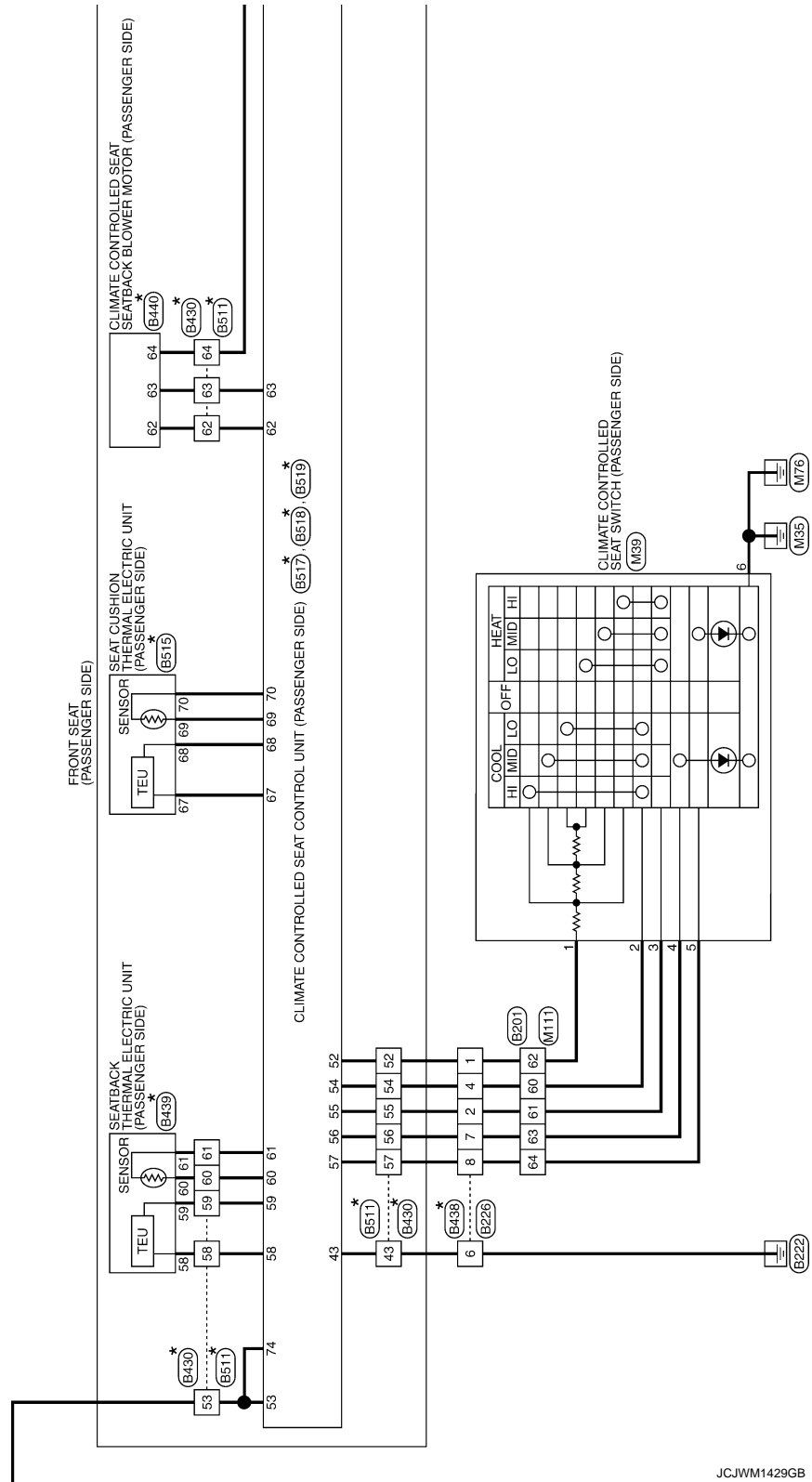
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JCJWM1428GB

CLIMATE CONTROLLED SEAT SYSTEM

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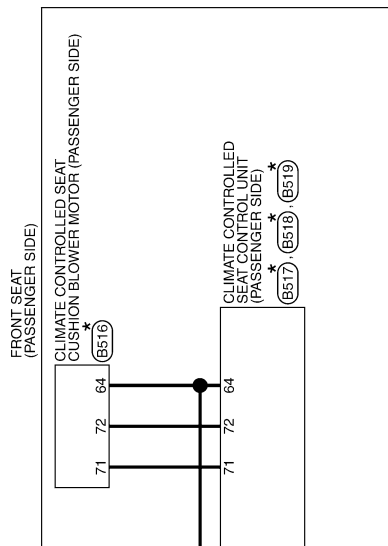


JCJWM1429GB

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CLIMATE CONTROLLED SEAT SYSTEM

< WIRING DIAGRAM >



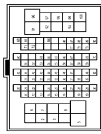
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CLIMATE CONTROLLED SEAT SYSTEM

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CLIMATE CONTROLLED SEAT

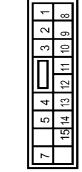
Connector No.	B2
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4



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

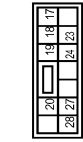
42	G/R	-
43	V/W	-
44	LG/B	-
45	R/Y	-
46	B	-
47	BR	-
48	GR	-
49	R/B	-
50	W/R	-
51	B/Y	-
52	O/B	-
53	G/O	-
54	R/B	-
55	LG/R	-
56	Y/G	-
57	V/W	-
58	R	-
59	B	-
60	BR	-
61	GR	-
62	R/B	-
63	W/R	-
64	B/Y	-
65	O/B	-
66	G/O	-
67	R/B	-
68	W/R	-
69	B/Y	-
70	O/B	-
71	G/O	-
72	R/B	-
73	W/R	-
74	B/Y	-
75	O/B	-
76	G/O	-
77	R/B	-
78	W/R	-
79	B/Y	-
80	O/B	-
81	G/O	-
82	R/B	-
83	W/R	-
84	B/Y	-
85	O/B	-
86	G/O	-
87	R/B	-
88	W/R	-
89	B/Y	-
90	O/B	-
91	G/O	-
92	R/B	-
93	W/R	-
94	B/Y	-
95	O/B	-
96	G/O	-
97	R/B	-
98	W/R	-
99	B/Y	-
100	O/B	-

Connector No.	B24
Connector Name	WIRE TO WIRE
Connector Type	NS16FM-CS



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

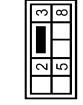
Connector No.	B25
Connector Name	WIRE TO WIRE
Connector Type	NS12FM-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
17	LG/R	-
18	B/SB	-
19	W/R	-
20	G/Y	-
21	BRW	-
22	-	-
23	BRW	-

24	GR/R	-
27	Y/L	-
28	G	-

Connector No.	B65
Connector Name	WIRE TO WIRE
Connector Type	NS08MW-CS



Terminal No.	Color Of Wire	Signal Name [Specification]
2	LG	-
3	G	-
5	W	-
8	R	-

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4

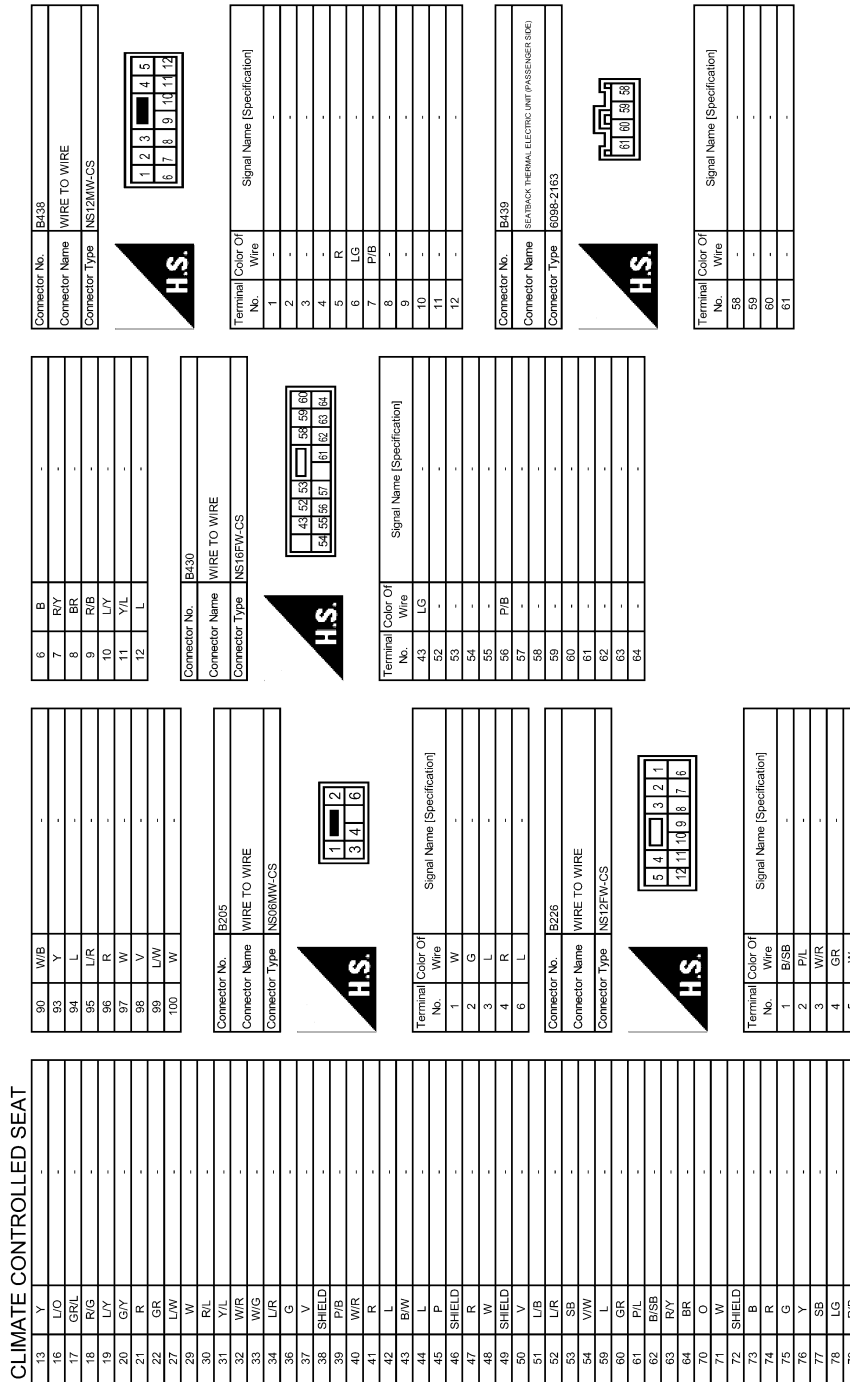


Terminal No.	Color Of Wire	Signal Name [Specification]
1	R/B	-
2	G	-
3	W	-
5	W/B	-
6	L/Y	-
7	R	-
8	GR	-
9	GR/R	-
11	W	-
12	V	-

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CLIMATE CONTROLLED SEAT SYSTEM

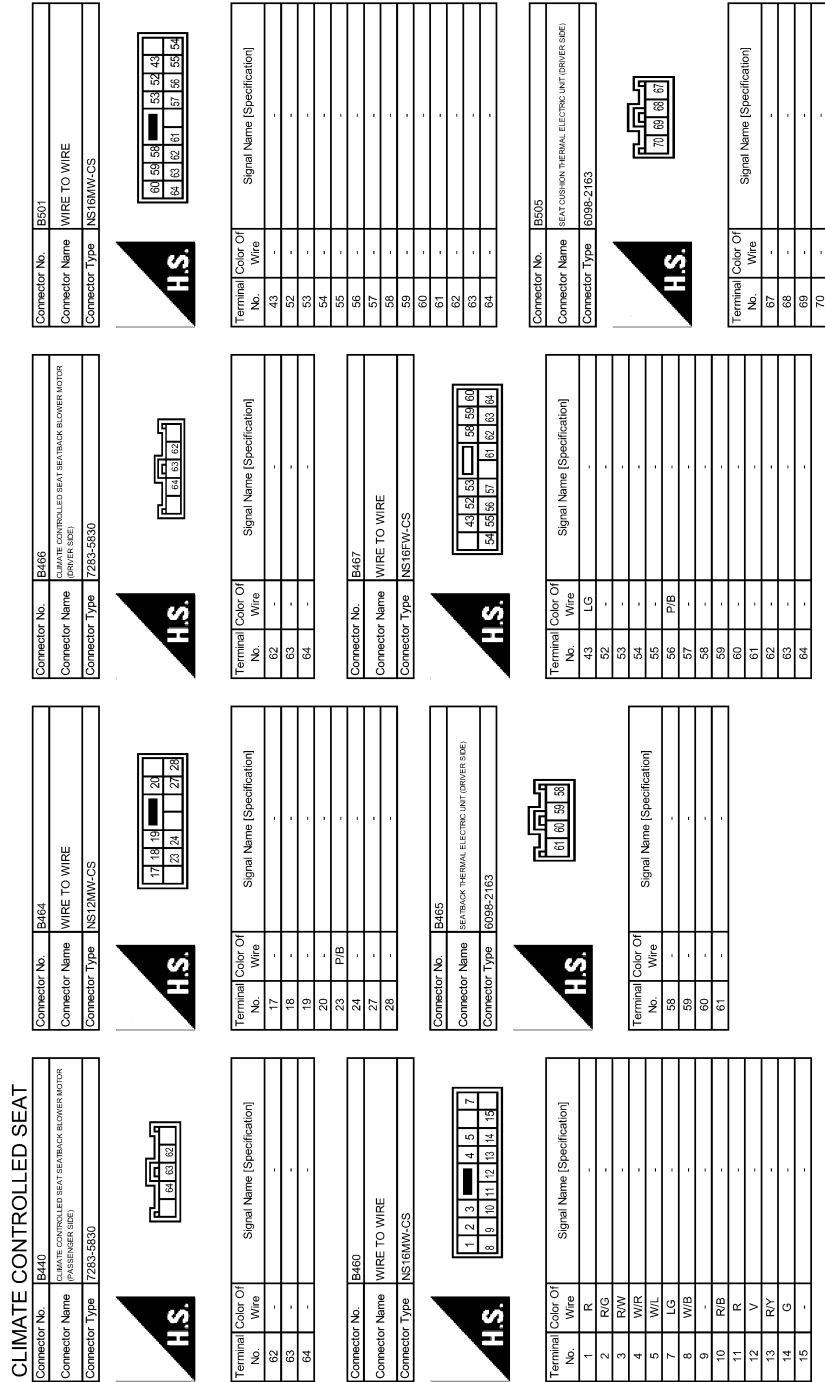
< WIRING DIAGRAM >



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CLIMATE CONTROLLED SEAT SYSTEM

< WIRING DIAGRAM >



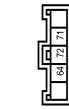
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CLIMATE CONTROLLED SEAT SYSTEM

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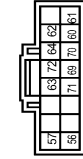
CLIMATE CONTROLLED SEAT

Connector No.	B506
Connector Name	CLIMATE CONTROLLED SEAT CUSHION BLOWER MOTOR (DRIVER SIDE)
Connector Type	7285-5830



Terminal No.	Color Of Wire	Signal Name [Specification]
64	-	-
71	-	-
72	-	-

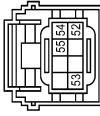
Connector No.	B507
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT (DRIVER SIDE)
Connector Type	1539-4150



Terminal No.	Color Of Wire	Signal Name [Specification]
56	-	-
57	-	-
60	-	-
61	-	-
62	-	-
63	-	-
64	-	-
69	-	-
70	-	-
71	-	-
72	-	-

CLIMATE CONTROLLED SEAT

Connector No.	B508
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT (DRIVER SIDE)
Connector Type	1540-5141



Terminal No.	Color Of Wire	Signal Name [Specification]
52	-	-
53	-	-
54	-	-
55	-	-

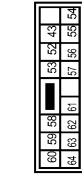
Connector No.	B509
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT (DRIVER SIDE)
Connector Type	1533-2141



Terminal No.	Color Of Wire	Signal Name [Specification]
43	-	-
58	-	-
59	-	-
67	-	-
74	-	-

CLIMATE CONTROLLED SEAT

Connector No.	B511
Connector Name	WIRE TO WIRE
Connector Type	NS16MW-CS



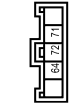
Terminal No.	Color Of Wire	Signal Name [Specification]
43	-	-
52	-	-
53	-	-
54	-	-
55	-	-
56	-	-
57	-	-
58	-	-
59	-	-
60	-	-
61	-	-
62	-	-
63	-	-
64	-	-

Connector No.	B515
Connector Name	SEAT CUSHION THERMAL ELECTRIC UNIT (PASSENGER SIDE)
Connector Type	6096-2163



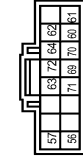
Terminal No.	Color Of Wire	Signal Name [Specification]
67	-	-
68	-	-
69	-	-
70	-	-

Connector No.	B516
Connector Name	CLIMATE CONTROLLED SEAT CUSHION BLOWER MOTOR (PASSENGER SIDE)
Connector Type	7285-5830



Terminal No.	Color Of Wire	Signal Name [Specification]
64	-	-
71	-	-
72	-	-

Connector No.	B517
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT (PASSENGER SIDE)
Connector Type	1539-4150



Terminal No.	Color Of Wire	Signal Name [Specification]
56	-	-
57	-	-
60	-	-
61	-	-
62	-	-
63	-	-
64	-	-
69	-	-
70	-	-
71	-	-
72	-	-

JRJWC1875GB

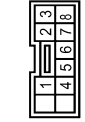
CLIMATE CONTROLLED SEAT SYSTEM

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CLIMATE CONTROLLED SEAT

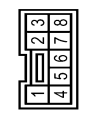
43	V/W	-
44	LG/B	-
45	R/Y	-
46	B	-
47	BR/W	-
49	GR	-
50	R/B	-
51	W/R	-
52	BR/Y	-
53	O/B	-
54	G/O	-
55	R/B	-
56	LG/R	-
57	GR/R	-
58	Y/G	-
59	V/W	-
60	R	-
63	B	-
64	B	-
65	W	-
66	G	-
67	SHIELD	-
69	LG/B	-
70	P/L	-
71	L	-
72	R	-
77	Y/B	-
78	Y/L	-
79	Y	-
80	W/R	-
81	Y/L	-
84	L/O	-
86	O	-
87	W/R	-
88	O	-
89	W/L	-
90	GR/L	-
91	W	-
92	G	-
94	W/R	-
96	L/W	-
97	R	-
98	V	-
99	L/W	-
100	P/B	-

Connector No.	M38
Connector Name	CLIMATE CONTROLLED SEAT SWITCH (DRIVER SIDE)
Connector Type	TK10FW



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

Connector No.	M39
Connector Name	CLIMATE CONTROLLED SEAT SWITCH (PASSENGER SIDE)
Connector Type	TK08FBR



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

Connector No.	M111
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS (6-TM4)



Terminal No.	Color Of Wire	Signal Name [Specification]
1	R/B	-
2	G	-
3	W/R	-
5	W/B	-
6	L/Y	-
7	B	-
8	GR	-
9	GR/R	-
11	W	-
12	V	-
13	Y	-
16	L/O	-
17	GR/L	-
18	R/G	-
19	L/Y	-
20	GY	-
21	R	-
22	GR	-
27	L/O	-
29	SB	-
30	R/L	-
31	Y/L	-
32	W/R	-
33	W/G	-
34	L/R	-
36	G	-
37	V	-
38	SHIELD	-
39	P/B	-
40	W/R	-
41	R	-
42	L/W	-
43	B/W	-
44	B	-
45	P	-
46	SHIELD	-

47	R	-
48	W	-
49	SHIELD	-
50	V	-
51	O/L	-
52	L/R	-
53	SB	-
54	V/W	-
59	L	-
60	GR	-
61	P/L	-
62	B/SB	-
63	R/Y	-
64	BR	-
70	O	-
71	W	-
72	SHIELD	-
73	B	-
74	R	-
75	G	-
76	Y	-
77	SB	-
78	LG	-
79	R/B	-
90	W/B	-
93	Y	-
94	L	-
95	L/R	-
96	R	-
97	W	-
98	V	-
99	L/W	-
100	W	-

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:000000009011777

DETAILED FLOW

1.OBTAIN INFORMATION ABOUT SYMPTOM

Interview the customer to obtain the malfunction information (conditions and environment when the malfunction occurred) as much as possible when the customer brings the vehicle in.

>> GO TO 2.

2.REPRODUCE THE MALFUNCTION INFORMATION

Check the malfunction on the vehicle that the customer describes.
Inspect the relation of the symptoms and the condition when the symptoms occur.

>> GO TO 3.

3.IDENTIFY THE MALFUNCTIONING SYSTEM WITH "SYMPTOM DIAGNOSIS"

Use "Symptom diagnosis" from the symptom inspection result in step 2 and then identify where to start performing the diagnosis based on possible causes and symptoms.

>> GO TO 4.

4.IDENTIFY THE MALFUNCTIONING PARTS WITH "COMPONENT DIAGNOSIS"

Perform the diagnosis with "Component diagnosis" of the applicable system.

>> GO TO 5.

5.REPAIR OR REPLACE THE MALFUNCTIONING PARTS

Repair or replace the specified malfunctioning parts.

>> GO TO 6.

6.FINAL CHECK

Check that malfunctions are not reproduced when obtaining the malfunction information from the customer, referring to the symptom inspection result in step 2.

Are the malfunctions corrected?

YES >> INSPECTION END

NO >> GO TO 3.

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POWER SUPPLY AND GROUND CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

DTC/CIRCUIT DIAGNOSIS

POWER SUPPLY AND GROUND CIRCUIT CLIMATE CONTROLLED SEAT CONTROL UNIT

CLIMATE CONTROLLED SEAT CONTROL UNIT : Diagnosis Procedure INFOID:000000009011778

Driver side

1. CHECK FUSE

Check that the following fuses are not fusing.

Signal name	Fuse No.
Battery power supply	82(15A)
IGN power supply	3 (10A)

Is the fuse fusing?

YES >> Replace the blown fuse after repairing the affected circuit if a fuse is blown.

NO >> GO TO 2.

2. CHECK CLIMATE CONTROLLED SEAT CONTROL UNIT (DRIVER SIDE) POWER SUPPLY

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat control unit (driver side) connector.
3. Turn ignition switch ON.
4. Check voltage between climate controlled seat control unit (driver side) harness connector and ground.

(+)		(-)	Voltage (V) (Approx.)
Connector	Terminal		
Climate controlled seat control unit (driver side)		Ground	Battery voltage
B508	53		
B509	74		

Is the inspection result normal?

YES >> GO TO 7.

NO >> GO TO 3.

3. CHECK CLIMATE CONTROLLED SEAT CONTROL UNIT (DRIVER SIDE) POWER SUPPLY CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat relay.
3. Check continuity between climate controlled seat control unit (driver side) harness connector and climate controlled seat relay harness connector.

Climate controlled seat control unit (driver side)		Climate controlled seat relay		Continuity
Connector	Terminal	Connector	Terminal	
B508	53	E18	6	Existed
B509	74			

4. Check continuity between climate controlled seat control unit (driver side) harness connector and ground.

Climate controlled seat control unit (driver side)		Ground	Continuity
Connector	Terminal		
B508	53		Not existed
B509	74		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Repair or replace harness or connector.

POWER SUPPLY AND GROUND CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

4. CHECK CLIMATE CONTROLLED SEAT RELAY POWER SUPPLY CIRCUIT

1. Turn ignition switch ON.
2. Check voltage between climate controlled seat relay harness connector and ground.

(+)		(-)	Voltage (V) (Approx.)
Climate controlled seat relay			
Connector	Terminal	Ground	Battery voltage
E18	2		
	7		

Is the inspection result normal?

YES >> GO TO 5.

NO >> Repair or replace harness or connector.

5. CHECK CLIMATE CONTROLLED SEAT RELAY GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Check continuity between climate controlled seat relay harness connector and ground.

Climate controlled seat relay		Ground	Continuity
Connector	Terminal		
E18	1		Existed

Is the inspection result normal?

YES >> GO TO 6.

NO >> Repair or replace harness.

6. CHECK CLIMATE CONTROLLED SEAT RELAY

Check climate controlled seat relay.

Refer to [SE-71. "CLIMATE CONTROLLED SEAT CONTROL UNIT : Component Inspection"](#).

Is the inspection result normal?

YES >> GO TO 8.

NO >> Replace climate controlled seat relay.

7. CHECK CLIMATE CONTROLLED SEAT CONTROL UNIT (DRIVER SIDE) GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Check continuity between climate control unit (driver side) harness connector and ground.

Climate controlled seat control unit (driver side)		Ground	Continuity
Connector	Terminal		
B509	43		Existed

Is the inspection result normal?

YES >> GO TO 8.

NO >> Repair or replace harness or connector.

8. CHECK INTERMITTENT INCIDENT

Refer to [GI-43. "Intermittent Incident"](#).

>> INSPECTION END

Passenger side

1. CHECK FUSE

Check that the following fuses are not fusing.

POWER SUPPLY AND GROUND CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

Signal name	Fuse No.
Battery power supply	81 (15A)
IGN power supply	3 (10A)

Is the fuse fusing?

- YES >> Replace the blown fuse after repairing the affected circuit if a fuse is blown.
 NO >> GO TO 2.

2. CHECK CLIMATE CONTROLLED SEAT CONTROL UNIT (PASSENGER SIDE) POWER SUPPLY

- Turn ignition switch OFF.
- Disconnect climate controlled seat control unit (passenger side) connector.
- Turn ignition switch ON.
- Check voltage between climate controlled seat control unit (passenger side) harness connector and ground.

(+)		(-)	Voltage (V) (Approx.)
Climate controlled seat control unit (passenger side)			
Connector	Terminal	Ground	Battery voltage
B518	53		
B519	74		

Is the inspection result normal?

- YES >> GO TO 7.
 NO >> GO TO 3.

3. CHECK CLIMATE CONTROLLED SEAT CONTROL UNIT (PASSENGER SIDE) POWER SUPPLY CIRCUIT

- Turn ignition switch OFF.
- Disconnect climate controlled seat relay.
- Check continuity between climate controlled seat control unit (passenger side) harness connector and climate controlled seat relay harness connector.

Climate controlled seat control unit (passenger side)		Climate controlled seat relay		Continuity
Connector	Terminal	Connector	Terminal	
B518	53	E18	3	Existed
B519	74			

- Check continuity between climate controlled seat control unit (passenger side) harness connector and ground.

Climate controlled seat control unit (passenger side)		Ground	Continuity
Connector	Terminal		
B518	53		Ground
B519	74		

Is the inspection result normal?

- YES >> GO TO 4.
 NO >> Repair or replace harness or connector.

4. CHECK CLIMATE CONTROLLED SEAT RELAY POWER SUPPLY CIRCUIT

- Turn ignition switch ON.
- Check voltage between climate controlled seat relay harness connector and ground.

POWER SUPPLY AND GROUND CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

(+)		(-)	Voltage (V) (Approx.)
Climate controlled seat relay			
Connector	Terminal	Ground	Battery voltage
E18	2		
	5		

Is the inspection result normal?

YES >> GO TO 5.

NO >> Repair or replace harness or connector.

5.CHECK CLIMATE CONTROLLED SEAT RELAY GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Check continuity between climate controlled seat relay harness connector and ground.

Climate controlled seat relay		Ground	Continuity
Connector	Terminal		
E18	1		Existed

Is the inspection result normal?

YES >> GO TO 6.

NO >> Repair or replace harness.

6.CHECK CLIMATE CONTROLLED SEAT RELAY

Check climate controlled seat relay.

Refer to [SE-71, "CLIMATE CONTROLLED SEAT CONTROL UNIT : Component Inspection"](#).

Is the inspection result normal?

YES >> GO TO 8.

NO >> Replace climate controlled seat relay.

7.CHECK CLIMATE CONTROLLED SEAT CONTROL UNIT (PASSENGER SIDE) GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Check continuity between harness connector and ground.

Climate controlled seat control unit (passenger side)		Ground	Continuity
Connector	Terminal		
B519	43		Existed

Is the inspection result normal?

YES >> GO TO 8.

NO >> Repair harness or connector.

8.CHECK INTERMITTENT INCIDENT

Refer to [GI-43, "Intermittent Incident"](#).

>> INSPECTION END

CLIMATE CONTROLLED SEAT CONTROL UNIT : Component Inspection INFOID:000000009011779

1.CHECK CLIMATE CONTROLLED SEAT RELAY

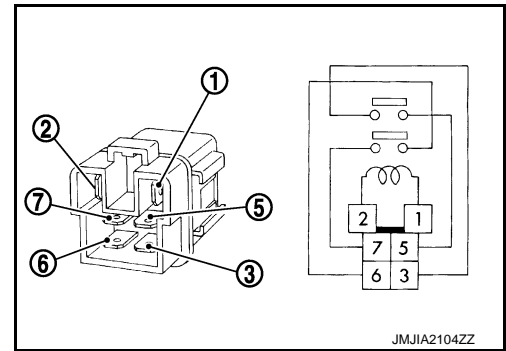
1. Turn ignition switch OFF.
2. Remove climate controlled seat relay.

POWER SUPPLY AND GROUND CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

3. Check the continuity between climate controlled seat relay terminals under the following conditions.

Terminal		Condition	Continuity
3	5	12 V direct current supply between terminals 1 and 2.	Existed
		No current supply	Not existed
6	7	12 V direct current supply between terminals 1 and 2.	Existed
		No current supply	Not existed



Is the inspection result normal?

YES >> INSPECTION END.

NO >> Replace climate controlled seat relay.

CLIMATE CONTROLLED SEAT SWITCH

< DTC/CIRCUIT DIAGNOSIS >

CLIMATE CONTROLLED SEAT SWITCH

Component Function Check

INFOID:000000009011780

1.CHECK CLIMATE CONTROLLED SEAT SWITCH FUNCTION

Check that climate controlled seat activates when operating climate controlled seat control switch.

Is the inspection result normal?

- YES >> Climate controlled seat switch is OK.
 NO >> Refer to [SE-73, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000009011781

1.CHECK CLIMATE CONTROLLED SEAT CONTROL UNIT INPUT SIGNAL

- Turn ignition switch ON.
- Check voltage between climate controlled seat control unit harness connector and ground.

(+)		(-)	Condition	Voltage (V) (Approx.)	
Climate controlled seat control unit					
Connector	Terminal				
Driver side	B508	Ground	Climate controlled seat switch (driver side)	COOL HI	2.6 - 4.2
				COOL MID	1.6 - 2.5
				COOL LO	0.8 - 1.5
				OFF	0
				HEAT HI	2.6 - 4.2
				HEAT MID	1.6 - 2.5
HEAT LO	0.8 - 1.5				
			OFF	0	
Passenger side	B518	Ground	Climate controlled seat switch (passenger seat)	COOL HI	2.6 - 4.2
				COOL MID	1.6 - 2.5
				COOL LO	0.8 - 1.5
				OFF	0
				HEAT HI	2.6 - 4.2
				HEAT MID	1.6 - 2.5
HEAT LO	0.8 - 1.5				
			OFF	0	

Is the inspection result normal?

- YES >> Climate controlled seat switch circuit is OK.
 NO-1 HEAT or COOL mode is NG>>GO TO 2.
 NO-2 HEAT and COOL modes are NG>>GO TO 3.

2.CHECK CLIMATE CONTROLLED SEAT SWITCH CIRCUIT

- Turn ignition switch OFF.
- Disconnect climate controlled seat switch connector and climate controlled seat control unit connector.
- Check continuity between climate controlled seat switch harness connector and climate controlled seat control unit harness connector.

CLIMATE CONTROLLED SEAT SWITCH

< DTC/CIRCUIT DIAGNOSIS >

Climate controlled seat switch			Climate cotrolled seat control unit		Continuity
Connector		Terminal	Connector	Terminal	
Driver side	COOL	M38	B508	2	54
	HEAT			3	55
Passenger side	COOL	M39	B518	2	54
	HEAT			3	55

4. Check continuity between climate controlled seat switch harness connector and ground.

Climate controlled seat switch			Terminal	Ground	Continuity
Connector					
Driver side	COOL	M38	2	Ground	Not existed
	HEAT		3		
Passenger side	COOL	M39	2		
	HEAT		3		

Is the inspection result normal?

YES >> GO TO 5.

NO >> Repair or replace harness.

3. CHECK CLIMATE CONTROLLED SEAT SWITCH POWER SUPPLY

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat switch connector.
3. Turn ignition switch ON.
4. Check voltage between climate controlled seat switch harness connector and ground.

Climate controlled seat switch		Terminal	(-)	Voltage (V) (Approx.)
Connector				
Driver side	M38	1	Ground	12
Passenger side	M39			

Is the inspection result normal?

YES >> GO TO 5.

NO >> GO TO 4.

4. CHECK CLIMATE CONTROLLED SEAT SWITCH POWER SUPPLY CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat control unit connector.
3. Check continuity between climate controlled seat switch harness connector and climate controlled seat control unit harness connector.

Climate controlled seat switch			Climate cotrolled seat control unit		Continuity
Connector		Terminal	Connector	Terminal	
Driver side	M38	1	B508	52	Existed
Passenger side	M39		B518		

4. Check continuity between climate controlled seat switch harness connector and ground.

Climate controlled seat switch			Terminal	Ground	Continuity
Connector					
Driver side	M38	1	Ground	Not existed	
Passenger side	M39				

Is the inspection result normal?

CLIMATE CONTROLLED SEAT SWITCH

< DTC/CIRCUIT DIAGNOSIS >

- YES >> Replace climate controlled seat control unit. Refer to [SE-118, "CLIMATE CONTROLLED SEAT UNIT : Disassembly and Assembly"](#).
 NO >> Repair or replace harness.

5.CHECK CLIMATE CONTROLLED SEAT SWITCH

Check climate controlled seat switch.
 Refer to [SE-75, "Component Inspection"](#).

Is the inspection result normal?

- YES >> GO TO 6.
 NO >> Replace climate controlled seat switch. Refer to [SE-148, "Removal and Installation"](#).

6.CHECK INTERMITTENT INCIDENT

Refer to [GI-43, "Intermittent Incident"](#).

>> INSPECTION END

Component Inspection

INFOID:000000009011782

1.CHECK CLIMATE CONTROLLED SEAT SWITCH

- Turn ignition switch OFF.
- Disconnect climate controlled seat switch connector.
- Check the continuity between climate controlled seat switch terminals under the following terminals.

Terminal		Condition		Continuity
2	1	Climate controlled seat switch	COOL mode	ON Existed
			OFF Not existed	
3		HEAT mode	ON Existed	
			OFF Not existed	

Is the inspection result normal?

- YES >> INSPECTION END
 NO >> Replace climate controlled seat switch. Refer to [SE-148, "Removal and Installation"](#).

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SEATBACK THERMAL ELECTRIC UNIT

< DTC/CIRCUIT DIAGNOSIS >

SEATBACK THERMAL ELECTRIC UNIT

Component Function Check

INFOID:000000009011783

1.CHECK SEATBACK THERMAL ELECTRIC UNIT FUNCTION

Check whether or not the temperature of the seatback thermal electric unit changes in accordance with the HEAT or COOL switch operation of the climate controlled seat control switch.

Is the inspection result normal?

- YES >> Seatback thermal electric unit function is OK.
 NO >> Refer to [SE-76, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000009011784

1.CHECK SEATBACK THERMAL ELECTRIC UNIT INPUT SIGNAL

- Turn ignition switch ON.
- Check voltage between seatback thermal electric unit harness connector and ground.

(+)		(-)	Condition	Voltage (V) (Approx.)	
Seatback thermal electric unit					
Connector	Terminal				
Driver side	B465	Ground	Climate controlled seat switch	HEAT or COOL	0 - 12*
				Other than above	0
	HEAT or COOL			0 - 12*	
	Other than above			0	
Passenger side	B439		Climate controlled seat switch	HEAT or COOL	0 - 12*
				Other than above	0
	HEAT or COOL			0 - 12*	
	Other than above			0	

*:It changes between 12 and 0 V

NOTE:

Wait 1 minute or more after the activation start, and then start the measurement.

Is the inspection result normal?

- YES >> Replace seatback thermal electric unit.
 NO >> GO TO 2.

2.CHECK SEATBACK THERMAL ELECTRIC UNIT CIRCUIT

- Turn ignition switch OFF.
- Disconnect climate controlled seat control unit connector and seatback thermal electric unit connector.
- Check continuity between climate controlled seat control unit harness connector and seatback thermal electric unit harness connector.

Climate controlled seat control unit		Seatback thermal electric unit		Continuity
Connector	Terminal	Connector	Terminal	
Driver side	B509	B465	58	Existed
			59	
Passenger side	B519		58	
			59	

- Check continuity between climate controlled seat control unit harness connector and ground.

SEATBACK THERMAL ELECTRIC UNIT

< DTC/CIRCUIT DIAGNOSIS >

Climate controlled seat control unit			Ground	Continuity		
Connector		Terminal		Not existed		
Driver side	B509	58	Ground		Not existed	
		59				
Passenger side	B519	58				Ground
		59				

Is the inspection result normal?

- YES >> Replace climate controlled seat control unit. Refer to [SE-118, "CLIMATE CONTROLLED SEAT UNIT : Disassembly and Assembly"](#).
- NO >> Repair or replace harness.

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SEATBACK THERMAL ELECTRIC UNIT SENSOR

< DTC/CIRCUIT DIAGNOSIS >

SEATBACK THERMAL ELECTRIC UNIT SENSOR

Component Function Check

INFOID:000000009011786

1.CHECK SEATBACK THERMAL ELECTRIC UNIT SENSOR FUNCTION

Check whether or not the temperature of the seatback thermal electric unit changes in accordance with the HEAT or COOL switch operation of the climate controlled seat control switch.

Is the inspection result normal?

YES >> INSPECTION END

NO >> Refer to [SE-78, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000009011786

1.CHECK SEATBACK THERMAL ELECTRIC UNIT SENSOR SIGNAL

1. Turn ignition switch ON.
2. Check voltage between seatback thermal electric unit harness connector and ground.

(+)		Terminal	(-)	Condition	Voltage (V) (Approx.)
Seatback thermal electric unit					
Connector					
Driver side	B465	61	Ground	Climate controlled seat operated	1 - 5
Passenger side	B439				

Is the inspection result normal?

YES >> GO TO 3.

NO >> GO TO 2.

2.CHECK SEATBACK THERMAL ELECTRIC UNIT SENSOR CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat control unit connector and seatback thermal electric unit connector.
3. Check continuity between climate controlled seat control unit harness connector and seatback thermal electric unit harness connector.

Climate controlled seat control unit		Terminal	Seatback thermal electric unit		Continuity
Connector			Connector	Terminal	
Driver side	B507	61	B465	61	Existed
Passenger side	B517		B439		

4. Check continuity between climate controlled seat control unit harness connector and ground.

Climate controlled seat control unit		Terminal	Ground	Continuity
Connector				
Driver side	B507	61		Not existed
Passenger side	B517			

Is the inspection result normal?

YES >> Replace climate controlled seat control unit.

NO >> Repair or replace harness.

3.CHECK SEATBACK THERMAL ELECTRIC UNIT SENSOR GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat control unit connector and seatback thermal electric unit connector.
3. Check continuity between climate controlled seat control unit harness connector and seatback thermal electric unit harness connector.

SEATBACK THERMAL ELECTRIC UNIT SENSOR

< DTC/CIRCUIT DIAGNOSIS >

Climate controlled seat control unit		Seatback thermal electric unit		Continuity
Connector	Terminal	Connector	Terminal	
Driver side	B507	60	B465	Existed
Passenger side	B517		B439	

4. Check continuity between climate controlled seat control unit harness connector and ground.

Climate controlled seat control unit		Ground	Continuity
Connector	Terminal		
Driver side	B507	60	Not existed
Passenger side	B517		

Is the inspection result normal?

- YES >> GO TO 4.
NO >> Repair or replace harness.

4.CHECK SEATBACK THERMAL ELECTRIC UNIT SENSOR

Check seatback thermal electric unit sensor.

Refer to [SE-79, "Component Inspection"](#).

Is the inspection result normal?

- YES >> GO TO 5.
NO >> Replace seatback thermal electric unit.

5.CHECK INTERMITTENT INCIDENT

Refer to [GI-43, "Intermittent Incident"](#).

>> INSPECTION END

Component Inspection

INFOID:000000009011787

SE

1.CHECK SEATBACK THERMAL ELECTRIC UNIT SENSOR

- Turn ignition switch OFF.
- Disconnect seatback thermal electric unit connector.
- Check resistance between seatback thermal electric unit terminals.

Seatback thermal electric unit		Resistance (KΩ) (Approx.)
Terminal		
60	61	1*

* : When sensor temperature is 25°C (77°F).

Is the inspection result normal?

- YES >> INSPECTION END
NO >> Replace seatback thermal electric unit. Refer to [SE-118, "CLIMATE CONTROLLED SEAT UNIT : Disassembly and Assembly"](#).

SEAT CUSHION THERMAL ELECTRIC UNIT

< DTC/CIRCUIT DIAGNOSIS >

SEAT CUSHION THERMAL ELECTRIC UNIT

Component Function Check

INFOID:000000009011788

1. CHECK SEAT CUSHION THERMAL ELECTRIC UNIT FUNCTION

Check whether or not the temperature of the seat cushion thermal electric unit changes in accordance with the HEAT or COOL switch operation of the climate controlled seat control switch.

Is the inspection result normal?

- YES >> Seatback thermal electric unit function is OK.
 NO >> Refer to [SE-80, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000009011789

1. CHECK SEAT CUSHION THERMAL ELECTRIC UNIT SIGNAL

- Turn ignition switch ON.
- Check voltage between seat cushion thermal electric unit harness connector and ground.

(+)		(-)	Condition	Voltage (V) (Approx.)	
Seat cushion thermal electric unit					
Connector	Terminal				
Driver side	B505	Ground	Climate controlled seat switch	HEAT or COOL	0 - 12*
				Other than above	0
	67		Climate controlled seat switch	HEAT or COOL	0 - 12*
				Other than above	0
68	Climate controlled seat switch		HEAT or COOL	0 - 12*	
			Other than above	0	
Passenger side	B515		Climate controlled seat switch	HEAT or COOL	0 - 12*
				Other than above	0
	67	Climate controlled seat switch	HEAT or COOL	0 - 12*	
			Other than above	0	
68	Climate controlled seat switch	HEAT or COOL	0 - 12*		
		Other than above	0		

*:It changes between 12 and 0 V

NOTE:

Wait 1 minute or more after the activation start, and then start the measurement.

Is the inspection result normal?

- YES >> Replace seat cushion thermal electric unit.
 NO >> GO TO 2.

2. CHECK SEAT CUSHION THERMAL ELECTRIC UNIT CIRCUIT

- Turn ignition switch OFF.
- Disconnect climate controlled seat control unit connector and seat cushion thermal electric unit connector.
- Check continuity between climate controlled seat control unit harness connector and seat cushion thermal electric unit harness connector.

Climate controlled seat control unit		Seat cushion thermal electric unit		Continuity
Connector	Terminal	Connector	Terminal	
Driver side	B509	B505	67	Existed
			68	
Passenger side	B519		67	
			68	

- Check continuity between climate controlled seat control unit harness connector and ground.

SEAT CUSHION THERMAL ELECTRIC UNIT

< DTC/CIRCUIT DIAGNOSIS >

Climate controlled seat control unit			Ground	Continuity	
Connector		Terminal		Not existed	
Driver side	B509	67	Ground		Not existed
		68			
Passenger side	B519	67			
		68			

Is the inspection result normal?

- YES >> Replace climate controlled seat control unit. Refer to [SE-118, "CLIMATE CONTROLLED SEAT UNIT : Disassembly and Assembly"](#).
- NO >> Repair or replace harness.

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SEAT CUSHION THERMAL ELECTRIC UNIT SENSOR

< DTC/CIRCUIT DIAGNOSIS >

SEAT CUSHION THERMAL ELECTRIC UNIT SENSOR

Component Function Check

INFOID:000000009011791

1.CHECK SEAT CUSHION THERMAL ELECTRIC UNIT SENSOR FUNCTION

Check whether or not the temperature of the seat cushion thermal electric unit changes in accordance with the HEAT or COOL switch operation of the climate controlled seat control switch.

Is the inspection result normal?

YES >> INSPECTION END

NO >> Refer to [SE-82, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000009011791

1.CHECK SEAT CUSHION THERMAL ELECTRIC UNIT SENSOR SIGNAL

1. Turn ignition switch ON.
2. Check voltage between seat cushion thermal electric unit harness connector and ground.

(+)		Terminal	(-)	Condition	Voltage (V) (Approx.)
Seat cushion thermal electric unit					
Connector					
Driver side	B505	70	Ground	Climate controlled seat operated	1 - 5
Passenger side	B515				

Is the inspection result normal?

YES >> GO TO 3.

NO >> GO TO 2.

2.CHECK SEAT CUSHION THERMAL ELECTRIC UNIT SENSOR CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat control unit connector and seat cushion thermal electric unit connector.
3. Check continuity between climate controlled seat control unit harness connector and seat cushion thermal electric unit harness connector.

Climate controlled seat control unit		Terminal	Seat cushion thermal electric unit		Continuity
Connector			Connector		
Driver side	B509	70	B505	70	Existed
Passenger side	B519		B515		

4. Check continuity between climate controlled seat control unit harness connector and ground.

Climate controlled seat control unit		Terminal	Ground	Continuity
Connector				
Driver side	B509	70		Not existed
Passenger side	B519			

Is the inspection result normal?

YES >> Replace climate controlled seat control unit.

NO >> Repair or replace harness.

3.CHECK SEAT CUSHION THERMAL ELECTRIC UNIT SENSOR GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat control unit connector and seat cushion thermal electric unit connector.
3. Check continuity between climate controlled seat control unit harness connector and seat cushion thermal electric unit harness connector.

SEAT CUSHION THERMAL ELECTRIC UNIT SENSOR

< DTC/CIRCUIT DIAGNOSIS >

Climate controlled seat control unit		Seat cushion thermal electric unit		Continuity
Connector	Terminal	Connector	Terminal	
Driver side	B509	70	B505	Existed
Passenger side	B519		B515	

4. Check continuity between climate controlled seat control unit harness connector and ground.

Climate controlled seat control unit		Ground	Continuity
Connector	Terminal		
Driver side	B509	70	Not existed
Passenger side	B519		

Is the inspection result normal?

- YES >> GO TO 4.
NO >> Repair or replace harness.

4.CHECK SEAT CUSHION THERMAL ELECTRIC UNIT SENSOR

Check seat cushion thermal electric unit sensor.

Refer to [SE-83, "Component Inspection"](#).

Is the inspection result normal?

- YES >> GO TO 5.
NO >> Replace seat cushion thermal electric unit.

5.CHECK INTERMITTENT INCIDENT

Refer to [GI-43, "Intermittent Incident"](#).

>> INSPECTION END

Component Inspection

INFOID:000000009011792

SE

1.CHECK SEAT CUSHION THERMAL ELECTRIC UNIT SENSOR

- Turn ignition switch OFF.
- Disconnect seat cushion thermal electric unit connector.
- Check resistance between seat cushion thermal electric unit terminals.

Seat cushion thermal electric unit		Resistance (KΩ) (Approx.)
Terminal		
69	70	1*

* : When sensor temperature is 25°C (77°F).

Is the inspection result normal?

- YES >> INSPECTION END
NO >> Replace seat cushion thermal electric unit. Refer to [SE-118, "CLIMATE CONTROLLED SEAT UNIT : Disassembly and Assembly"](#).

CLIMATE CONTROLLED SEATBACK BLOWER MOTOR

< DTC/CIRCUIT DIAGNOSIS >

CLIMATE CONTROLLED SEATBACK BLOWER MOTOR

Component Function Check

INFOID:000000009011793

1. CHECK CLIMATE CONTROLLED SEATBACK BLOWER MOTOR FUNCTION

When turning the climate controlled seat switch to the HEAT or COOL mode position, check that the climate controlled seatback blower is operated in each specific mode.

Is the inspection result normal?

- YES >> Climate controlled seatback blower motor is OK.
 NO >> Refer to [SE-84, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000009011794

1. CHECK CLIMATE CONTROLLED SEATBACK BLOWER MOTOR POWER SUPPLY

- Turn ignition switch ON.
- Check voltage between climate controlled seatback blower motor harness connector and ground.

(+)		Terminal	(-)	Condition	Voltage (V) (Approx.)	
Climate controlled seatback blower motor						
Connector						
Driver side	B466	62	Ground	Climate controlled seat switch	HEAT mode	12
					COOL mode	
					Other than above	
Passenger side	B440			Climate controlled seat switch	HEAT mode	12
					COOL mode	
					Other than above	

Is the inspection result normal?

- YES >> GO TO 3.
 NO >> GO TO 2.

2. CHECK CLIMATE CONTROLLED SEATBACK BLOWER MOTOR POWER SUPPLY CIRCUIT

- Turn ignition switch OFF.
- Disconnect climate controlled seatback blower motor connector and climate controlled seat control unit connector.
- Check continuity between climate controlled seatback blower motor harness connector and climate controlled seat control unit harness connector.

Climate controlled seatback blower motor		Climate controlled seat control unit		Continuity
Connector	Terminal	Connector	Terminal	
Driver side	B466	B507	62	Existed
Passenger side	B440			

- Check continuity between climate controlled seatback blower motor harness connector and ground.

Climate controlled seatback blower motor		Terminal	Ground	Continuity
Connector				
Driver side	B466	62		Not existed
Passenger side	B440			

Is the inspection result normal?

- YES >> Replace climate controlled seat control unit. Refer to [SE-118, "CLIMATE CONTROLLED SEAT UNIT : Disassembly and Assembly"](#).
 NO >> Repair or replace harness.

CLIMATE CONTROLLED SEATBACK BLOWER MOTOR

< DTC/CIRCUIT DIAGNOSIS >

3. CHECK CLIMATE CONTROLLED SEATBACK BLOWER MOTOR SPEED CONTROL SIGNAL

Check voltage between climate controlled seatback blower motor harness connector and ground.

(+)		Terminal	(-)	Condition	Voltage (V) (Approx.)		
Climate controlled seatback blower motor							
Connector							
Driver side	B466	63	Ground	Climate controlled seat switch	HEAT	5.5 - 8	
				Climate controlled seat switch	COOL	HI	11.2
						MID	8
						LO	6.5
Other than above		0					
Passenger side	B440	63	Ground	Climate controlled seat switch	HEAT	5.5 - 8	
				Climate controlled seat switch	COOL	HI	11.2
						MID	8
						LO	6.5
Other than above		0					

Is the inspection result normal?

YES >> GO TO 5.

NO >> GO TO 4.

4. CHECK CLIMATE CONTROLLED SEATBACK BLOWER MOTOR SPEED CONTROL SIGNAL CIRCUIT

- Turn ignition switch OFF.
- Disconnect climate controlled seatback blower motor connector and climate controlled seat control unit connector.
- Check continuity between climate controlled seatback blower motor harness connector and climate controlled seat control unit harness connector.

Climate controlled seatback blower motor		Climate controlled seat control unit		Continuity
Connector	Terminal	Connector	Terminal	
Driver side	B466	B507	63	Existed
Passenger side	B440			

- Check continuity between climate controlled seatback blower motor harness connector and ground.

Climate controlled seatback blower motor		Ground	Continuity
Connector	Terminal		
Driver side	B466	63	Not existed
Passenger side	B440		

Is the inspection result normal?

YES >> Replace climate controlled seat control unit. Refer to [SE-118. "CLIMATE CONTROLLED SEAT UNIT : Disassembly and Assembly"](#).

NO >> Repair or replace harness.

5. CHECK CLIMATE CONTROLLED SEATBACK BLOWER MOTOR GROUND CIRCUIT

- Turn ignition switch OFF.
- Disconnect climate controlled seatback blower motor and climate controlled seat control unit connector.
- Check continuity between climate controlled seatback blower motor harness connector and climate controlled seat control unit harness connector.

CLIMATE CONTROLLED SEATBACK BLOWER MOTOR

< DTC/CIRCUIT DIAGNOSIS >

Climate controlled seatback blower motor		Climate controlled seat control unit		Continuity
Connector	Terminal	Connector	Terminal	
Driver side	B466	64	B507	Existed
Passenger side	B440		B517	

4. Check continuity between climate controlled seatback blower motor harness connector and ground.

Climate controlled seatback blower motor		Ground	Continuity
Connector	Terminal		
Driver side	B466	64	Not existed
Passenger side	B440		

Is the inspection result normal?

- YES >> Replace climate controlled seatback blower motor. Refer to [SE-118. "CLIMATE CONTROLLED SEAT UNIT : Disassembly and Assembly"](#).
- NO >> Repair or replace harness.

CLIMATE CONTROLLED SEAT CUSHION BLOWER MOTOR

< DTC/CIRCUIT DIAGNOSIS >

CLIMATE CONTROLLED SEAT CUSHION BLOWER MOTOR

Component Function Check

INFOID:000000009011795

1. CHECK CLIMATE CONTROLLED SEAT CUSHION BLOWER MOTOR FUNCTION

When turning the climate controlled seat switch to the HEAT or COOL mode position, check that the climate controlled seat cushion blower is operated in each specific mode.

Is the inspection result normal?

- YES >> Climate controlled seat cushion blower motor is OK.
- NO >> Refer to [SE-87, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000009011796

1. CHECK CLIMATE CONTROLLED SEAT CUSHION BLOWER MOTOR POWER SUPPLY

1. Turn ignition switch ON.
2. Check voltage between climate controlled seat cushion blower motor harness connector and ground.

(+)		Terminal	(-)	Condition	Voltage (V) (Approx.)		
Climate controlled seat cushion blower motor							
Connector							
Driver side	B506	71	Ground	Climate controlled seat switch	HEAT mode	12	
					COOL mode		
					Other than above		0
Passenger side	B516				Climate controlled seat switch	HEAT mode	12
						COOL mode	
						Other than above	

Is the inspection result normal?

- YES >> GO TO 3.
- NO >> GO TO 2.

2. CHECK CLIMATE CONTROLLED SEAT CUSHION BLOWER MOTOR POWER SUPPLY CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat cushion blower motor connector and climate controlled seat control unit connector.
3. Check continuity between climate controlled seat cushion blower motor harness connector and climate controlled seat control unit harness connector.

Climate controlled seat cushion blower motor		Climate controlled seat control unit		Continuity
Connector	Terminal	Connector	Terminal	
Driver side	B506	B507	71	Existed
Passenger side	B516			

4. Check continuity between climate controlled seat cushion blower motor harness connector and ground.

Climate controlled seat cushion blower motor		Terminal	Ground	Continuity
Connector				
Driver side	B506	71		Not existed
Passenger side	B516			

Is the inspection result normal?

- YES >> Replace climate controlled seat control unit. Refer to [SE-118, "CLIMATE CONTROLLED SEAT UNIT : Disassembly and Assembly"](#).
- NO >> Repair or replace harness.

CLIMATE CONTROLLED SEAT CUSHION BLOWER MOTOR

< DTC/CIRCUIT DIAGNOSIS >

3. CHECK CLIMATE CONTROLLED SEAT CUSHION BLOWER MOTOR SPEED CONTROL SIGNAL

Check voltage between climate controlled seat cushion blower motor harness connector and ground.

(+)		Terminal	(-)	Condition	Voltage (V) (Approx.)		
Climate controlled seat cushion blower motor							
Connector							
Driver side	B506	72	Ground	Climate controlled seat switch	HEAT	5.5 - 8	
				Climate controlled seat switch	COOL	HI	9.2
						MID	8
						LO	6.5
Other than above		0					
Passenger side	B516	72	Ground	Climate controlled seat switch	HEAT	5.5 - 8	
				Climate controlled seat switch	COOL	HI	9.2
						MID	8
						LO	6.5
Other than above		0					

Is the inspection result normal?

YES >> GO TO 5.

NO >> GO TO 4.

4. CHECK CLIMATE CONTROLLED SEAT CUSHION BLOWER MOTOR SPEED CONTROL SIGNAL CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat cushion blower motor connector and climate controlled seat control unit connector.
3. Check continuity between climate controlled seat cushion blower motor harness connector and climate controlled seat control unit harness connector.

Climate controlled seat cushion blower motor		Climate controlled seat control unit		Continuity
Connector	Terminal	Connector	Terminal	
Driver side	B506	B507	72	Existed
Passenger side	B516	B517		

4. Check continuity between climate controlled seat cushion blower motor harness connector and ground.

Climate controlled seat cushion blower motor		Terminal	Ground	Continuity
Connector				
Driver side	B506	72	Ground	Not existed
Passenger side	B516			

Is the inspection result normal?

YES >> Replace climate controlled seat control unit. Refer to [SE-118, "CLIMATE CONTROLLED SEAT UNIT : Disassembly and Assembly"](#).

NO >> Repair or replace harness.

5. CHECK CLIMATE CONTROLLED SEAT CUSHION BLOWER MOTOR GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat cushion blower motor and climate controlled seat control unit connector.
3. Check continuity between climate controlled seat cushion blower motor harness connector and climate controlled seat control unit harness connector.

CLIMATE CONTROLLED SEAT CUSHION BLOWER MOTOR

< DTC/CIRCUIT DIAGNOSIS >

Climate controlled seat cushion blower motor		Climate controlled seat control unit		Continuity
Connector	Terminal	Connector	Terminal	
Driver side	B506	64	B507	Existed
Passenger side	B516		B517	

4. Check continuity between climate controlled seat cushion blower motor harness connector and ground.

Climate controlled seat cushion blower motor		Ground	Continuity
Connector	Terminal		
Driver side	B506	64	Not existed
Passenger side	B516		

Is the inspection result normal?

- YES >> Replace climate controlled seat cushion blower motor. Refer to [SE-118. "CLIMATE CONTROLLED SEAT UNIT : Disassembly and Assembly"](#).
- NO >> Repair or replace harness.

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CLIMATE CONTROLLED SEAT SWITCH INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

CLIMATE CONTROLLED SEAT SWITCH INDICATOR

Component Function Check

INFOID:000000009011797

1. CHECK CLIMATE CONTROLLED SEAT SWITCH INDICATOR FUNCTION

Check that the related indicator lamp illuminates when climate controlled seat switch is set to HEAT or COOL mode.

Is the inspection result normal?

- YES >> Climate controlled seat switch indicator function is OK.
 NO >> Refer to [SE-90. "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:000000009011798

1. CHECK CLIMATE CONTROLLED SEAT SWITCH INPUT SIGNAL

- Turn ignition switch ON.
- Check voltage between climate controlled seat switch harness connector and ground.

(+)		Terminal	(-)	Condition	Voltage (V) (Approx.)	
Climate controlled seat switch						
Connector						
Driver side	M38	5	Ground	Climate controlled seat switch (driver side)	HEAT mode	12
		4		OFF	0	
Passenger side	M39			5	Climate controlled seat switch (passenger side)	COOL mode
		4		OFF	0	
					HEAT mode	12
				OFF	0	
				COOL mode	12	
				OFF	0	

Is the inspection result normal?

- YES >> GO TO 3.
 NO >> GO TO 2.

2. CHECK CLIMATE CONTROLLED SEAT SWITCH INDICATOR CIRCUIT

- Turn ignition switch OFF.
- Disconnect climate controlled seat switch connector and climate controlled seat control unit connector.
- Check continuity between climate controlled seat switch harness connector and climate controlled seat control unit harness connector.

Climate controlled seat switch		Climate controlled seat control unit		Continuity
Connector	Terminal	Connector	Terminal	
Driver side	M38	B507	4	56
			5	57
Passenger side	M39	B517	4	56
			5	57

- Check continuity between climate controlled seat switch harness connector and ground.

CLIMATE CONTROLLED SEAT SWITCH INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

Climate controlled seat switch			Ground	Continuity		
Connector		Terminal		Not existed		
Driver side	M38	4	Ground		Not existed	
		5				
Passenger side	M39	4				Ground
		5				

Is the inspection result normal?

YES >> Replace climate controlled seat control unit. Refer to [SE-118, "CLIMATE CONTROLLED SEAT UNIT : Disassembly and Assembly"](#).

NO >> Repair or replace harness.

3.CHECK CLIMATE CONTROLLED SEAT SWITCH GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat switch connector.
3. Check continuity between climate controlled seat switch harness connector and ground.

Climate controlled seat switch			Ground	Continuity	
Connector		Terminal		Existed	
Driver side	M38	6	Ground		Existed
Passenger side	M39				

Is the inspection result normal?

YES >> Replace climate controlled seat switch. Refer to [SE-148, "Removal and Installation"](#).

NO >> Repair or replace harness.

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CLIMATE CONTROLLED SEAT BLOWER FILTER

< DTC/CIRCUIT DIAGNOSIS >

CLIMATE CONTROLLED SEAT BLOWER FILTER SEATBACK BLOWER MOTOR

SEATBACK BLOWER MOTOR : Diagnosis Procedure

INFOID:000000009011799

1.CHECK CLIMATE CONTROLLED SEATBACK BLOWER FILTER

Remove climate controlled seatback blower filter and check that there is no clogging by dirt or foreign matters.

Is the inspection result normal?

YES >> INSPECTION END

NO >> Replace climate controlled seatback blower filter. Refer to [SE-149. "SEATBACK : Removal and Installation"](#).

SEAT CUSHION BLOWER MOTOR

SEAT CUSHION BLOWER MOTOR : Diagnosis Procedure

INFOID:000000009011800

1.CHECK CLIMATE CONTROLLED SEAT CUSHION BLOWER FILTER

Remove climate controlled seat cushion blower filter and check that there is no clogging by dirt or foreign matters.

Is the inspection result normal?

YES >> INSPECTION END

NO >> Replace climate controlled seat cushion blower filter. Refer to [SE-149. "SEAT CUSHION : Removal and Installation"](#).

CLIMATE CONTROLLED SEAT DOES NOT OPERATE.

< SYMPTOM DIAGNOSIS >

SYMPTOM DIAGNOSIS

CLIMATE CONTROLLED SEAT DOES NOT OPERATE.

Diagnosis Procedure

INFOID:000000009011801

Both sides

1. CHECK CLIMATE CONTROLLED SEAT CONTROL UNIT POWER SUPPLY AND GROUND CIRCUIT

Check climate controlled seat control unit power supply and ground circuit.

Refer to [SE-68. "CLIMATE CONTROLLED SEAT CONTROL UNIT : Diagnosis Procedure"](#).

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace the malfunctioning parts.

2. CHECK CLIMATE CONTROLLED SEAT SWITCH

Check climate controlled seat switch.

Refer to [SE-73. "Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace the malfunctioning parts.

3. CHECK CLIMATE CONTROLLED SEATBACK BLOWER MOTOR

Check climate controlled seatback blower motor ground circuit.

Refer to [SE-84. "Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 4.

NO >> Repair or replace the malfunctioning parts.

4. REPLACE CLIMATE CONTROLLED SEAT CONTROL UNIT

Replace climate controlled seat control unit.

Refer to [SE-118. "CLIMATE CONTROLLED SEAT UNIT : Disassembly and Assembly"](#).

Is the inspection result normal?

YES >> INSPECTION END

NO >> GO TO 5.

5. CONFIRM THE OPERATION

Confirm the operation again.

Is the inspection result normal?

YES >> Check intermittent incident. Refer to [GI-43. "Intermittent Incident"](#).

NO >> GO TO 1.

seatback

1. CHECK CLIMATE CONTROLLED SEATBACK BLOWER MOTOR

Check climate controlled seatback blower motor.

Refer to [SE-84. "Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace the malfunctioning parts.

2. CONFIRM THE OPERATION

Confirm the operation again.

Is the inspection result normal?

YES >> Check intermittent incident. Refer to [GI-43. "Intermittent Incident"](#).

NO >> GO TO 1.

CLIMATE CONTROLLED SEAT DOES NOT OPERATE.

< SYMPTOM DIAGNOSIS >

seat cushion

1. CHECK CLIMATE CONTROLLED SEAT CUSHION BLOWER MOTOR

Check climate controlled seat cushion blower motor.

Refer to [SE-87. "Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace the malfunctioning parts.

2. CONFIRM THE OPERATION

Confirm the operation again.

Is the inspection result normal?

YES >> Check intermittent incident. Refer to [GI-43. "Intermittent Incident"](#).

NO >> GO TO 1.

TEMPERATURE ADJUSTMENT IS IMPOSSIBLE

< SYMPTOM DIAGNOSIS >

TEMPERATURE ADJUSTMENT IS IMPOSSIBLE SEATBACK

SEATBACK : Diagnosis Procedure

INFOID:000000009011802

1. CHECK CLIMATE CONTROLLED SEATBACK BLOWER FILTER

Check climate controlled seatback blower filter.

Refer to [SE-92. "SEATBACK BLOWER MOTOR : Diagnosis Procedure"](#).

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace the malfunctioning parts.

2. CHECK CLIMATE CONTROLLED SEAT SWITCH

Check climate controlled seat switch.

Refer to [SE-73. "Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace the malfunctioning parts.

3. CHECK SEATBACK THERMAL ELECTRIC UNIT SENSOR

Check seatback thermal electric unit sensor.

Refer to [SE-82. "Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 4.

NO >> Repair or replace the malfunctioning parts.

4. CHECK SEATBACK THERMAL ELECTRIC UNIT

Check seatback thermal electric unit.

Refer to [SE-76. "Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 5.

NO >> Repair or replace the malfunctioning parts.

5. CHECK CLIMATE CONTROLLED SEATBACK BLOWER MOTOR

Check climate controlled seatback blower motor.

Refer to [SE-84. "Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 6.

NO >> Repair or replace the malfunctioning parts.

6. CONFIRM THE OPERATION

Confirm the operation again.

Is the inspection result normal?

YES >> Check intermittent incident. Refer to [GI-43. "Intermittent Incident"](#).

NO >> GO TO 1.

SEAT CUSHION

SEAT CUSHION : Diagnosis Procedure

INFOID:000000009011803

1. CHECK CLIMATE CONTROLLED SEAT CUSHION BLOWER FILTER

Check climate controlled seat cushion blower filter.

Refer to [SE-92. "SEAT CUSHION BLOWER MOTOR : Diagnosis Procedure"](#).

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace the malfunctioning parts.

TEMPERATURE ADJUSTMENT IS IMPOSSIBLE

< SYMPTOM DIAGNOSIS >

2. CHECK CLIMATE CONTROLLED SEAT SWITCH

Check climate controlled seat switch.

Refer to [SE-73, "Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace the malfunctioning parts.

3. CHECK SEAT CUSHION THERMAL ELECTRIC UNIT SENSOR

Check seat cushion thermal electric unit sensor.

Refer to [SE-82, "Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 4.

NO >> Repair or replace the malfunctioning parts.

4. CHECK SEAT CUSHION THERMAL ELECTRIC UNIT

Check seat cushion thermal electric unit.

Refer to [SE-80, "Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 5.

NO >> Repair or replace the malfunctioning parts.

5. CHECK CLIMATE CONTROLLED SEAT CUSHION BLOWER MOTOR

Check climate controlled seat cushion blower motor.

Refer to [SE-87, "Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 6.

NO >> Repair or replace the malfunctioning parts.

6. CONFIRM THE OPERATION

Confirm the operation again.

Is the inspection result normal?

YES >> Check intermittent incident. Refer to [GI-43, "Intermittent Incident"](#).

NO >> GO TO 1.

CLIMATE CONTROLLED SEAT ACTIVATES ONCE BUT STOPS IMMEDIATELY

< SYMPTOM DIAGNOSIS >

CLIMATE CONTROLLED SEAT ACTIVATES ONCE BUT STOPS IMMEDIATELY

SEATBACK BLOWER MOTOR

SEATBACK BLOWER MOTOR : Description

INFOID:000000009011804

When turning climate controlled seat switch ON (COOL or HEAT), climate controlled seat activates once but stops immediately.(Repeats the same operation when turning ignition switch OFF and turning ignition switch ON again.)

SEATBACK BLOWER MOTOR : Diagnosis Procedure

INFOID:000000009011805

1.CHECK FAIL-SAFE

Check fail-safe detecting conditions and repair cause of fail-safe status.

Refer to [SE-21, "Fail-safe"](#).

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace the malfunctioning parts.

2.CHECK TEMPERATURE ADJUSTMENT FUNCTION

Check temperature adjustment function of climate controlled seat.

Refer to [SE-95, "SEATBACK : Diagnosis Procedure"](#).

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace the malfunctioning parts.

3.CONFIRM THE OPERATION

Confirm the operation again.

Is the inspection result normal?

YES >> Check intermittent incident. Refer to [GI-43, "Intermittent Incident"](#).

NO >> GO TO 1.

SEAT CUSHION BLOWER MOTOR

SEAT CUSHION BLOWER MOTOR : Description

INFOID:000000009011806

When turning climate controlled seat switch ON (COOL or HEAT), climate controlled seat activates once but stops immediately. (Repeats the same operation when turning ignition switch OFF and turning ignition switch ON again.)

SEAT CUSHION BLOWER MOTOR : Diagnosis Procedure

INFOID:000000009011807

1.CHECK FAIL-SAFE

Check fail-safe detecting conditions and repair cause of fail-safe status.

Refer to [SE-21, "Fail-safe"](#).

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace the malfunctioning parts.

2.CHECK TEMPERATURE ADJUSTMENT FUNCTION

Check temperature adjustment function of climate controlled seat.

Refer to [SE-95, "SEATBACK : Diagnosis Procedure"](#).

Is the inspection result normal?

YES >> GO TO 3.

NO >> Repair or replace the malfunctioning parts.

3.CONFIRM THE OPERATION

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CLIMATE CONTROLLED SEAT ACTIVATES ONCE BUT STOPS IMMEDIATELY

< SYMPTOM DIAGNOSIS >

Confirm the operation again.

Is the inspection result normal?

YES >> Check intermittent incident. Refer to [GI-43. "Intermittent Incident"](#).

NO >> GO TO 1.

SEAT SWITCH INDICATOR IS NOT ILLUMINATED IN HEAT OR COOL POSITION

< SYMPTOM DIAGNOSIS >

SEAT SWITCH INDICATOR IS NOT ILLUMINATED IN HEAT OR COOL POSITION

Diagnosis Procedure

INFOID:000000009011808

1. CHECK CLIMATE CONTROLLED SEAT SWITCH INDICATOR

Check climate controlled seat switch indicator.
Refer to [SE-90, "Component Function Check"](#).

Is the inspection result normal?

YES >> GO TO 2.

NO >> Repair or replace the malfunctioning parts.

2. CONFIRM THE OPERATION

Confirm the operation again.

Is the inspection result normal?

YES >> Check intermittent incident. Refer to [GI-43, "Intermittent Incident"](#).

NO >> GO TO 1.

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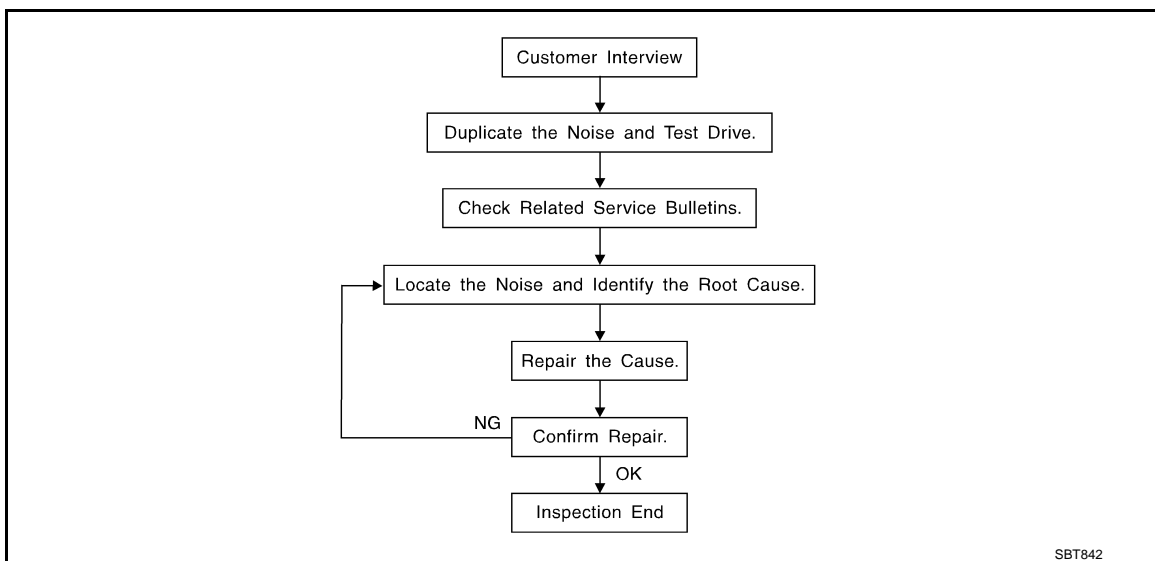
SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow

INFOID:000000009695243



CUSTOMER INTERVIEW

Interview the customer if possible, to determine the conditions that exist when the noise occurs. Use the Diagnostic Worksheet during the interview to document the facts and conditions when the noise occurs and any of customer's comments; refer to [SE-104, "Diagnostic Worksheet"](#). This information is necessary to duplicate the conditions that exist when the noise occurs.

- The customer may not be able to provide a detailed description or the location of the noise. Attempt to obtain all the facts and conditions that exist when the noise occurs (or does not occur).
- If there is more than one noise in the vehicle, perform a diagnosis and repair the noise that the customer is concerned about. This can be accomplished by performing a cruise test on the vehicle with the customer.
- After identifying the type of noise, isolate the noise in terms of its characteristics. The noise characteristics are provided so the customer, service adviser and technician are all speaking the same language when defining the noise.
- Squeak – (Like tennis shoes on a clean floor)
Squeak characteristics include the light contact/fast movement/brought on by road conditions/hard surfaces = higher pitch noise/softer surfaces = lower pitch noises/edge to surface = chirping
- Creak – (Like walking on an old wooden floor)
Creak characteristics include firm contact/slow movement/twisting with a rotational movement/pitch dependent on materials/often brought on by activity.
- Rattle – (Like shaking a baby rattle)
Rattle characteristics include the fast repeated contact/vibration or similar movement/loose parts/missing clip or fastener/incorrect clearance.
- Knock – (Like a knock on a door)
Knock characteristics include hollow sounding/sometimes repeating/often brought on by driver action.
- Tick – (Like a clock second hand)
Tick characteristics include gentle contacting of light materials/loose components/can be caused by driver action or road conditions.
- Thump – (Heavy, muffled knock noise)
Thump characteristics include softer knock/dead sound often brought on by activity.
- Buzz – (Like a bumblebee)
Buzz characteristics include high frequency rattle/firm contact.
- Often the degree of acceptable noise level will vary depending up on the person. A noise that a technician may judge as acceptable may be very irritating to the customer.
- Weather conditions, especially humidity and temperature, may have a great effect on noise level.

DUPLICATE THE NOISE AND TEST DRIVE

If possible, drive the vehicle with the customer until the noise is duplicated. Note any additional information on the Diagnostic Worksheet regarding the conditions or location of the noise. This information can be used to duplicate the same conditions when the repair is reconfirmed.

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

If the noise can be duplicated easily during the test drive, to help identify the source of the noise, try to duplicate the noise with the vehicle stopped by doing one or all of the following:

- 1) Close a door.
 - 2) Tap or push/pull around the area where the noise appears to be coming from.
 - 3) Rev the engine.
 - 4) Use a floor jack to recreate vehicle "twist".
 - 5) At idle, apply engine load (electrical load, half-clutch on M/T models, drive position on A/T models).
 - 6) Raise the vehicle on a hoist and hit a tire with a rubber hammer.
- Drive the vehicle and attempt to duplicate the conditions the customer states exist when the noise occurs.
 - If it is difficult to duplicate the noise, drive the vehicle slowly on an undulating or rough road to stress the vehicle body.

CHECK RELATED SERVICE BULLETINS

After verifying the customer concern or symptom, check ASIST for Technical Service Bulletins (TSBs) related to that concern or symptom.

If a TSB relates to the symptom, follow the procedure to repair the noise.

LOCATE THE NOISE AND IDENTIFY THE ROOT CAUSE

1. Narrow down the noise to a general area. To help pinpoint the source of the noise, use a listening tool (Chassis ear: J-39570, Engine ear and mechanics stethoscope).
2. Narrow down the noise to a more specific area and identify the cause of the noise by:
 - Removing the components in the area that is are suspected to be the cause of the noise.
Do not use too much force when removing clips and fasteners, otherwise clips and fastener can be broken or lost during the repair, resulting in the creation of new noise.
 - Tapping or pushing/pulling the component that is are suspected to be the cause of the noise.
Do not tap or push/pull the component with excessive force, otherwise the noise will be eliminated only temporarily.
 - Feeling for a vibration by hand by touching the component(s) that is are suspected to be the cause of the noise.
 - Placing a piece of paper between components that are suspected to be the cause of the noise.
 - Looking for loose components and contact marks.
Refer to [SE-102. "Inspection Procedure"](#).

REPAIR THE CAUSE

- If the cause is a loose component, tighten the component securely.
- If the cause is insufficient clearance between components:
 - Separate components by repositioning or loosening and retightening the component, if possible.
 - Insulate components with a suitable insulator such as urethane pads, foam blocks, felt cloth tape or urethane tape. A Nissan Squeak and Rattle Kit (J-50397) is available through the authorized Nissan Parts Department.

CAUTION:

Never use excessive force as many components are constructed of plastic and may be damaged.

NOTE:

Always check with the Parts Department for the latest parts information.

The following materials are contained in the Nissan Squeak and Rattle Kit (J-50397). are listed on the inside cover of the kit, and can each be ordered separately as needed.

URETHANE PADS [1.5 mm (0.059 in) thick]

Insulates connectors, harness, etc.

76268-9E005: 100 × 135 mm (3.94 × 5.31 in)/76884-71L01: 60 × 85 mm (2.36 × 3.35 in)/76884-71L02: 15 × 25 mm (0.59 × 0.98 in)

INSULATOR (Foam blocks)

Insulates components from contact. Can be used to fill space behind a panel.

73982-9E000: 45 mm (1.77 in) thick, 50 × 50 mm (1.97 × 1.97 in)/73982-

50Y00: 10 mm (0.39 in) thick, 50 × 50 mm (1.97 × 1.97 in)

INSULATOR (Light foam block)

80845-71L00: 30 mm (1.18 in) thick, 30 × 50 mm (1.18 × 1.97in)

FELT CLOTHTAPE

Used to insulate where movement does not occur. Ideal for instrument panel applications.

68370-4B000: 15 × 25 mm (0.59 × 0.98 in) pad/68239-13E00: 5 mm (0.20 in) wide tape roll

The following materials, not found in the kit, can also be used to repair squeaks and rattles.

UHMW (TEFLON) TAPE

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

Insulates where slight movement is present. Ideal for instrument panel applications.

SILICONE GREASE

Used in place of UHMW tape that is be visible or does not fit. Will only last a few months.

SILICONE SPRAY

Used when grease cannot be applied.

DUCT TAPE

Used to eliminate movement.

CONFIRM THE REPAIR

Confirm that the cause of a noise is repaired by test driving the vehicle. Operate the vehicle under the same conditions as when the noise originally occurred. Refer to the notes on the Diagnostic Worksheet.

Inspection Procedure

INFOID:000000009695244

Refer to Table of Contents for specific component removal and installation information.

INSTRUMENT PANEL

Most incidents are caused by contact and movement between:

1. The cluster lid A and instrument panel
2. Acrylic lens and combination meter housing
3. Instrument panel to front pillar garnish
4. Instrument panel to windshield
5. Instrument panel mounting pins
6. Wiring harnesses behind the combination meter
7. A/C defroster duct and duct joint

These incidents can usually be located by tapping or moving the components to duplicate the noise or by pressing on the components while driving to stop the noise. Most of these incidents can be repaired by applying felt cloth tape or silicon spray (in hard to reach areas). Urethane pads can be used to insulate wiring harness.

CAUTION:

Never use silicone spray to isolate a squeak or rattle. If the area is saturated with silicone, the recheck of repair becomes impossible.

CENTER CONSOLE

Components to pay attention to include:

1. Shifter assembly cover to finisher
2. A/C control unit and cluster lid C
3. Wiring harnesses behind audio and A/C control unit

The instrument panel repair and isolation procedures also apply to the center console.

DOORS

Pay attention to the following:

1. Finisher and inner panel making a slapping noise
2. Inside handle escutcheon to door finisher
3. Wiring harnesses tapping
4. Door striker out of alignment causing a popping noise on starts and stops

Tapping or moving the components or pressing on them while driving to duplicate the conditions can isolate many of these incidents. The areas can usually be insulated with felt cloth tape or insulator foam blocks from the Nissan Squeak and Rattle Kit (J-50397) to repair the noise.

TRUNK

Trunk noises are often caused by a loose jack or loose items put into the trunk by the customer.

In addition look for the following:

1. Trunk lid dumpers out of adjustment
2. Trunk lid striker out of adjustment
3. The trunk lid torsion bars knocking together
4. A loose license plate or bracket

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

Most of these incidents can be repaired by adjusting, securing or insulating the item(s) or component(s) causing the noise.

SUNROOF/HEADLINING

Noises in the sunroof/headlining area can often be traced to one of the following:

1. Sunroof lid, rail, linkage or seals making a rattle or light knocking noise
2. Sunvisor shaft shaking in the holder
3. Front or rear windshield touching headlining and squeaking

Again, pressing on the components to stop the noise while duplicating the conditions can isolate most of these incidents. Repairs usually consist of insulating with felt cloth tape.

SEATS

When isolating seat noise it's important to note the position the seats in and the load placed on the seat when the noise occurs. These conditions should be duplicated when verifying and isolating the cause of the noise.

Cause of seat noise include:

1. Headrest rods and holder
2. A squeak between the seat pad cushion and frame
3. The rear seatback lock and bracket

These noises can be isolated by moving or pressing on the suspected components while duplicating the conditions under which the noise occurs. Most of these incidents can be repaired by repositioning the component or applying urethane tape to the contact area.

UNDERHOOD

Some interior noise may be caused by components under the hood or on the engine wall. The noise is then transmitted into the passenger compartment.

Causes of transmitted underhood noise include:

1. Any component mounted to the engine wall
2. Components that pass through the engine wall
3. Engine wall mounts and connectors
4. Loose radiator mounting pins
5. Hood bumpers out of adjustment
6. Hood striker out of adjustment

These noises can be difficult to isolate since they cannot be reached from the interior of the vehicle. The best method is to secure, move or insulate one component at a time and test drive the vehicle. Also, engine RPM or load can be changed to isolate the noise. Repairs can usually be made by moving, adjusting, securing, or insulating the component causing the noise.

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SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

Diagnostic Worksheet

INFOID:000000009011811



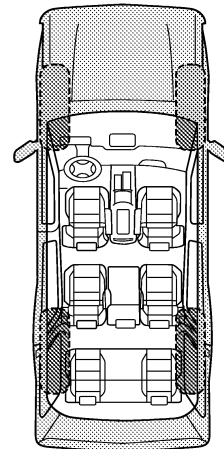
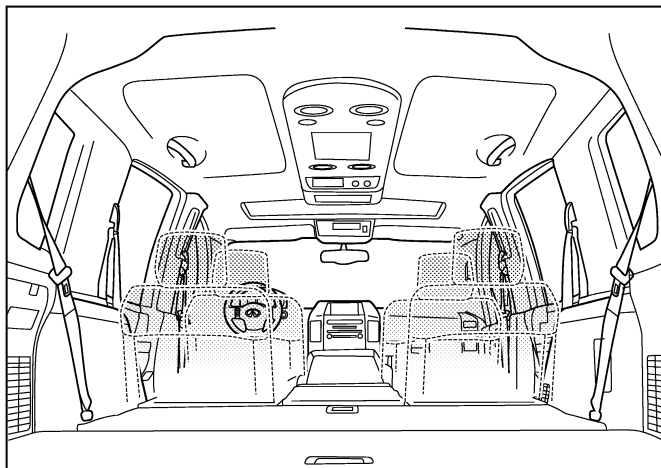
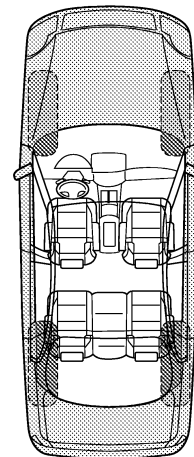
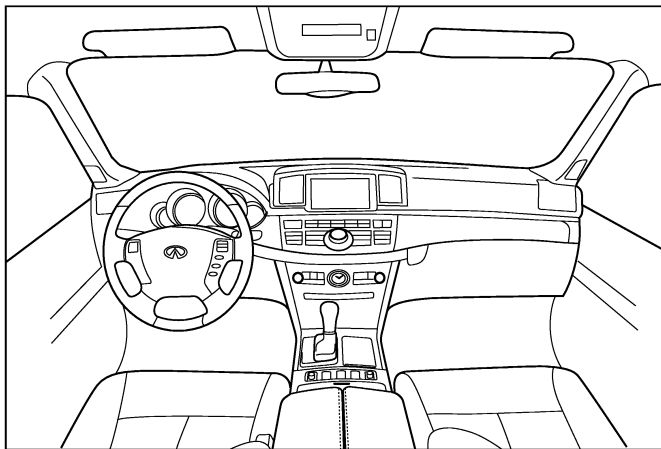
SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

Dear Infiniti Customer:

We are concerned about your satisfaction with your Infiniti vehicle. Repairing a squeak or rattle sometimes can be very difficult. To help us fix your Infiniti right the first time, please take a moment to note the area of the vehicle where the squeak or rattle occurs and under what conditions. You may be asked to take a test drive with a service consultant or technician to ensure we confirm the noise you are hearing.

I. WHERE DOES THE NOISE COME FROM? (circle the area of the vehicle)

The illustrations are for reference only, and may not reflect the actual configuration of your vehicle.



Continue to page 2 of the worksheet and briefly describe the location of the noise or rattle. In addition, please indicate the conditions which are present when the noise occurs.

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SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

SQUEAK & RATTLE DIAGNOSTIC WORKSHEET - page 2

Briefly describe the location where the noise occurs:

II. WHEN DOES IT OCCUR? (please check the boxes that apply)

- | | |
|---|--|
| <input type="checkbox"/> anytime | <input type="checkbox"/> after sitting out in the rain |
| <input type="checkbox"/> 1st time in the morning | <input type="checkbox"/> when it is raining or wet |
| <input type="checkbox"/> only when it is cold outside | <input type="checkbox"/> dry or dusty conditions |
| <input type="checkbox"/> only when it is hot outside | <input type="checkbox"/> other: |

III. WHEN DRIVING:

- through driveways
- over rough roads
- over speed bumps
- only about ____ mph
- on acceleration
- coming to a stop
- on turns: left, right or either (circle)
- with passengers or cargo
- other: _____
- after driving ____ miles or ____ minutes

IV. WHAT TYPE OF NOISE

- squeak (like tennis shoes on a clean floor)
- creak (like walking on an old wooden floor)
- rattle (like shaking a baby rattle)
- knock (like a knock at the door)
- tick (like a clock second hand)
- thump (heavy, muffled knock noise)
- buzz (like a bumble bee)

TO BE COMPLETED BY DEALERSHIP PERSONNEL

Test Drive Notes:

	YES	NO	Initials of person performing
Vehicle test driven with customer	<input type="checkbox"/>	<input type="checkbox"/>	_____
- Noise verified on test drive	<input type="checkbox"/>	<input type="checkbox"/>	_____
- Noise source located and repaired	<input type="checkbox"/>	<input type="checkbox"/>	_____
- Follow up test drive performed to confirm repair	<input type="checkbox"/>	<input type="checkbox"/>	_____

VIN: _____ Customer Name: _____
W.O.# _____ Date: _____

This form must be attached to Work Order

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FRONT SEAT

< REMOVAL AND INSTALLATION >

REMOVAL AND INSTALLATION

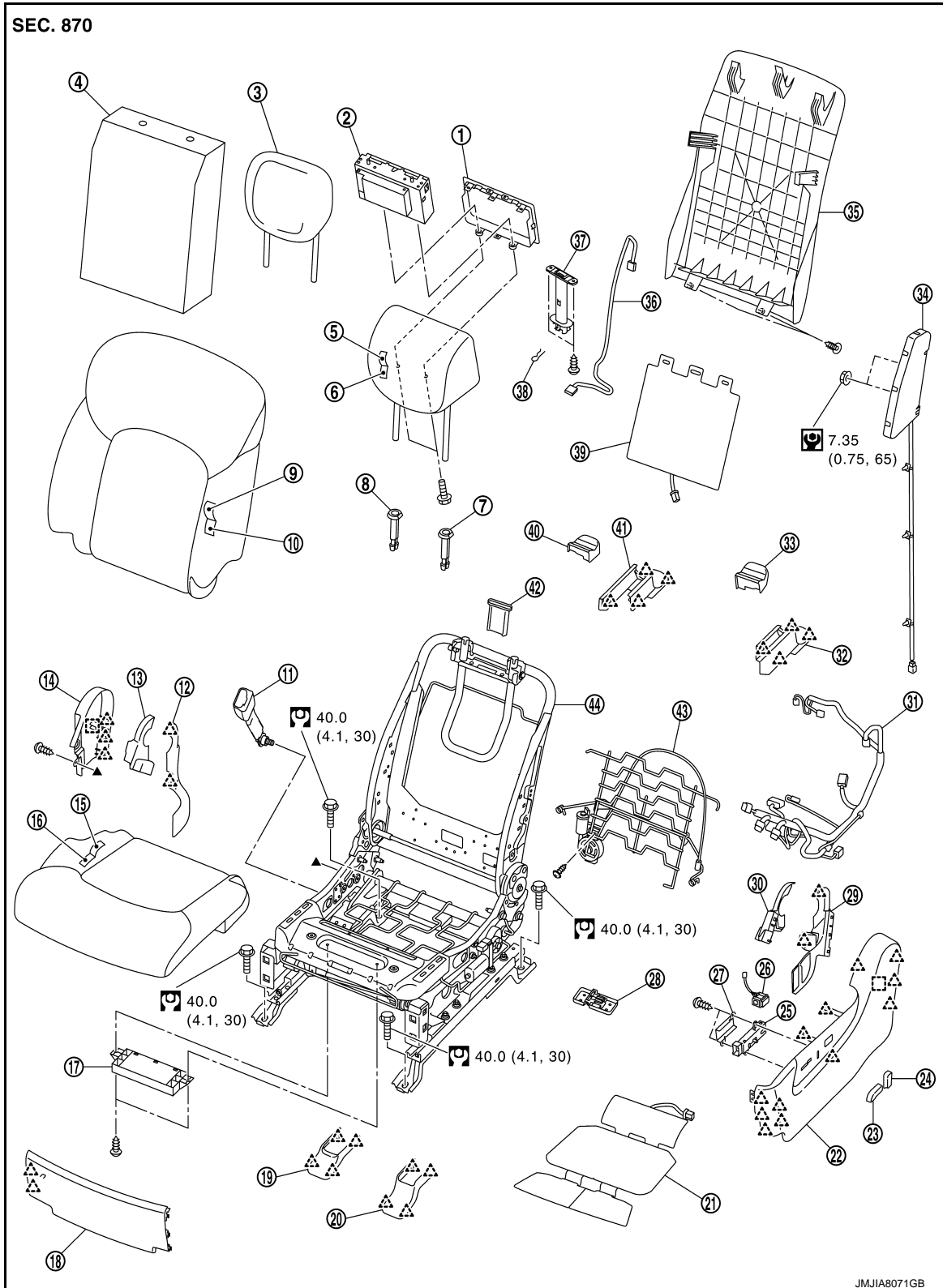
FRONT SEAT

Exploded View

INFOID:000000009011812

HEATER SEAT


DRIVER SEAT



FRONT SEAT

< REMOVAL AND INSTALLATION >

- | | | | |
|--|---|--|---|
| 1. Headrest display escutcheon*1 | 2. Headrest display*1 | 3. Headrest*2 | A |
| 4. Seatback silencer | 5. Headrest trim*1 | 6. Headrest pad and frame*1 | |
| 7. Headrest holder (locked) | 8. Headrest holder (free) | 9. Seatback trim | B |
| 10. Seatback pad | 11. Seat belt buckle*3 | 12. Seat cushion inner finisher inside (rear) | B |
| 13. Seat cushion inner finisher inside (front) | 14. Seat cushion inner finisher | 15. Seat cushion trim | C |
| 16. Seat cushion pad | 17. Seat control unit | 18. Seat cushion front finisher | C |
| 19. Front inner slide cover | 20. Front outer slide cover | 21. Seat cushion heater unit | |
| 22. Seat cushion outer finisher | 23. Seat slide and lifter switch knob | 24. Seat reclining switch knob | D |
| 25. Seat control switch | 26. Lumber support switch | 27. Seat control switch cover | D |
| 28. Seat cushion clip | 29. Seat cushion outer finisher inside (rear) | 30. Seat cushion outer finisher inside (front) | E |
| 31. Seat harness | 32. Rear outer slide cover | 33. Seat cushion lower outer finisher | E |
| 34. Side air bag module | 35. Seatback board | 36. Headrest display harness*1 | |
| 37. Headrest display harness and upper tube*1 | 38. Clip*1 | 39. Seatback heater unit | F |
| 40. Seat cushion lower inner finisher | 41. Rear inner slide cover | 42. Headrest display harness lower tube*1 | G |
| 43. Lumber support unit assembly | 44. Seat frame assembly | | |

 : Pawl

 : Metal clip

Refer to [GI-4, "Components"](#) for symbols in the figure.

*1: With headrest display only.

*2: Without headrest display only.

*3: Tighten together with seat belt buckle. Refer to [SB-8, "SEAT BELT BUCKLE : Exploded View"](#).

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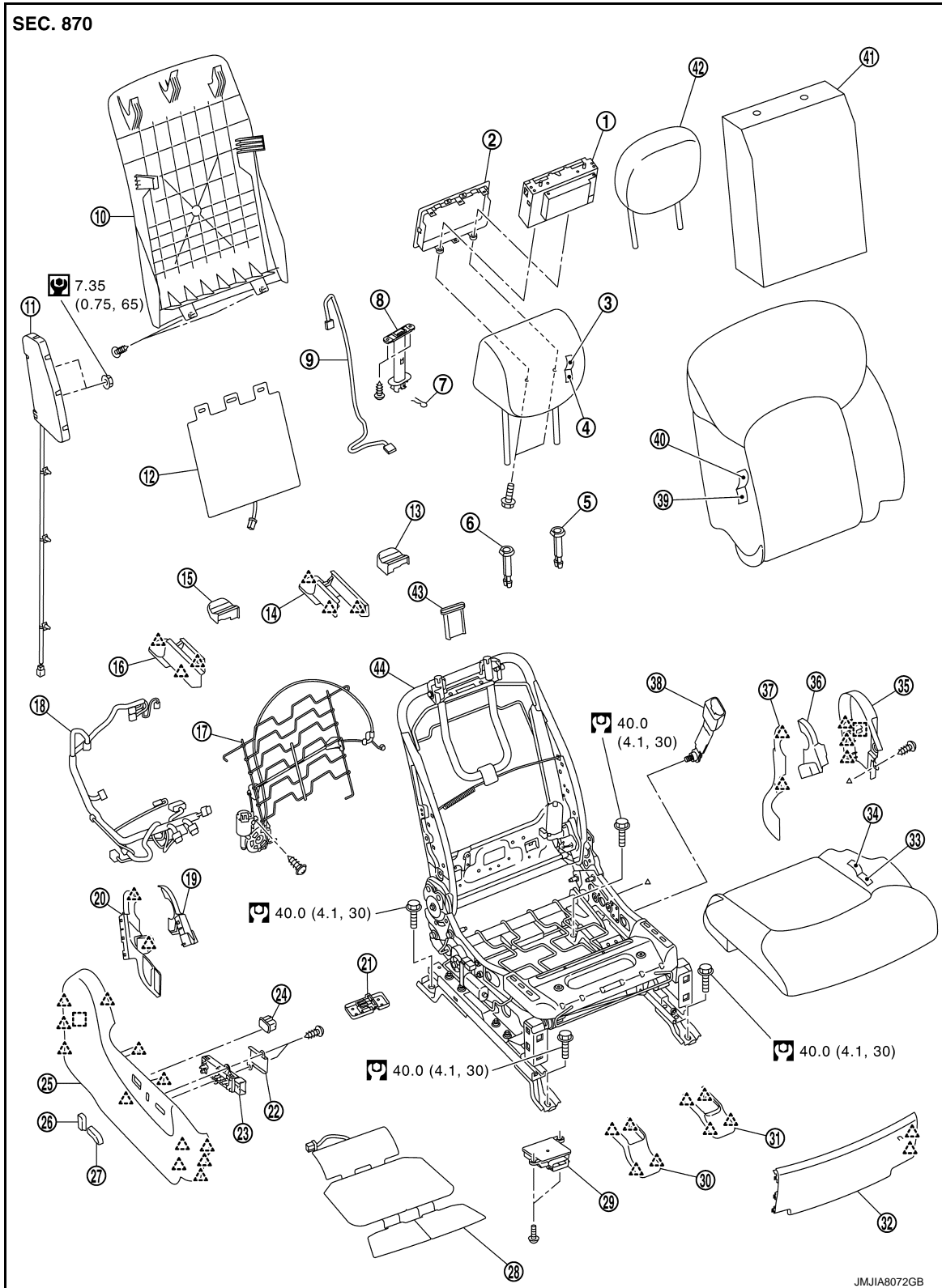
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FRONT SEAT

< REMOVAL AND INSTALLATION >

PASSENGER SEAT




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
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|---------------------------------------|--|---------------------------------------|
| 1. Headrest display*1 | 2. Headrest display escutcheon*1 | 3. Headrest trim*1 |
| 4. Headrest pad and frame*1 | 5. Headrest holder (locked) | 6. Headrest holder (free) |
| 7. Clip*1 | 8. Headrest display harness and upper tube*1 | 9. Headrest display harness*1 |
| 10. Seatback board | 11. Side air bag module | 12. Seatback heater unit |
| 13. Seat cushion lower inner finisher | 14. Rear inner slide cover | 15. Seat cushion lower outer finisher |

FRONT SEAT

< REMOVAL AND INSTALLATION >

- | | | | |
|--|---|--|---|
| 16. Rear outer slide cover | 17. Lumber support unit assembly | 18. Seat harness | |
| 19. Seat cushion outer finisher inside (front) | 20. Seat cushion outer finisher inside (rear) | 21. Seat cushion clip | A |
| 22. Seat control switch cover | 23. Seat control switch | 24. Lumber support switch | |
| 25. Seat cushion outer finisher | 26. Seat reclining switch knob | 27. Seat slide and lifter switch knob | B |
| 28. Seat cushion heater unit | 29. Occupant detection system control unit | 30. Front outer slide cover | |
| 31. Front inner slide cover | 32. Seat cushion front finisher | 33. Seat cushion pad | C |
| 34. Seat cushion trim | 35. Seat cushion inner finisher | 36. Seat cushion inner finisher inside (front) | |
| 37. Seat cushion inner finisher inside (rear) | 38. Seat belt buckle*3 | 39. Seatback pad | D |
| 40. Seatback trim | 41. Seatback silencer | 42. Headrest*2 | |
| 43. Headrest display harness lower tube*1 | 44. Seat frame assembly | | E |

 : Pawl

 : Metal clip

Refer to [GI-4. "Components"](#) for symbols in the figure.

*1: With headrest display only.

*2: Without headrest display only.

*3: Tighten together with seat belt buckle. Refer to [SB-8. "SEAT BELT BUCKLE : Exploded View"](#).

CLIMATE CONTROLLED SEAT

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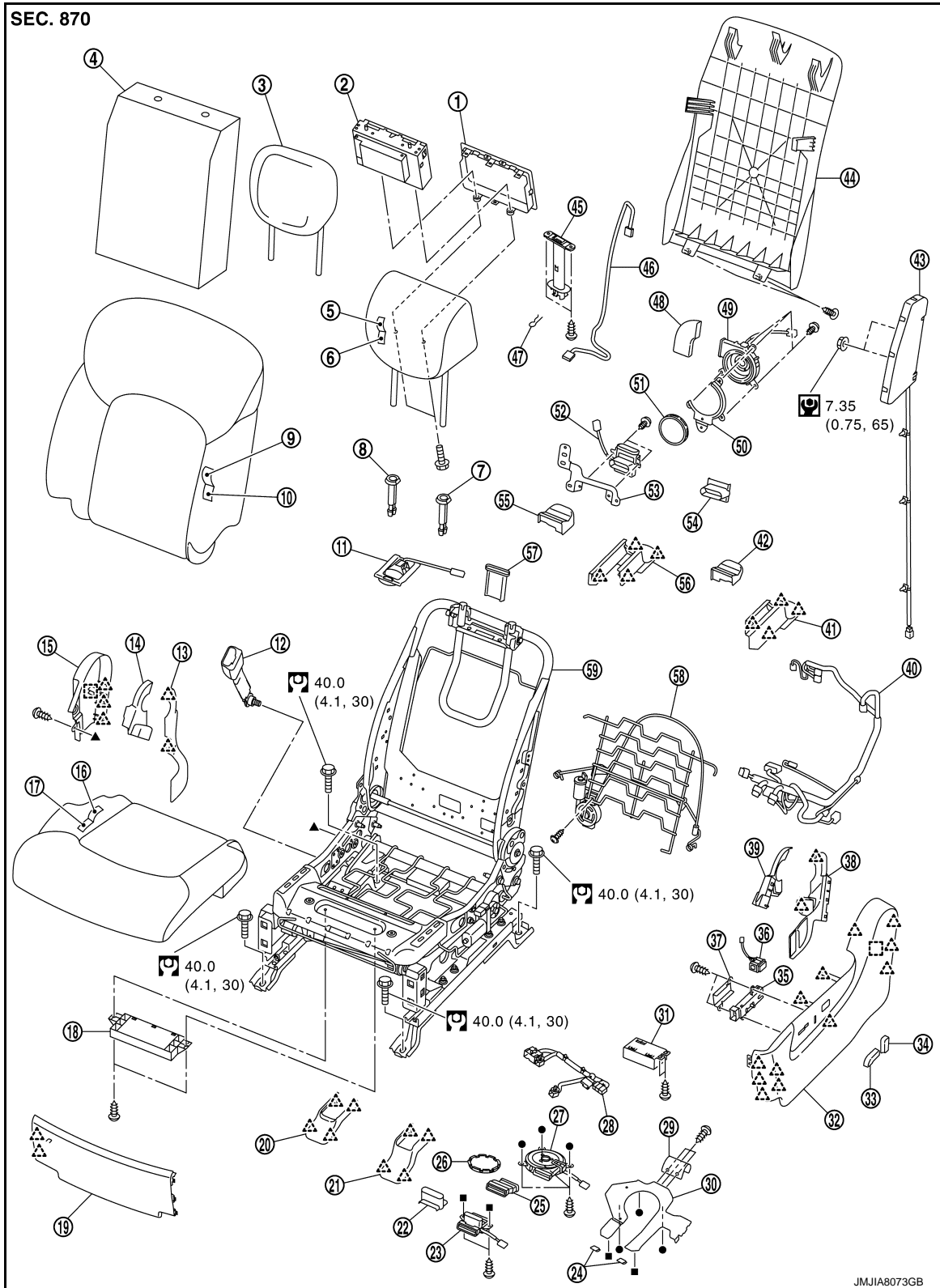
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FRONT SEAT

< REMOVAL AND INSTALLATION >

DRIVER SEAT




- | | | |
|---|--|---------------------------------|
| 1. Headrest display escutcheon*1 | 2. Headrest display*1 | 3. Headrest*2 |
| 4. Seatback silencer | 5. Headrest trim*1 | 6. Headrest pad and frame*1 |
| 7. Headrest holder (locked) | 8. Headrest holder (free) | 9. Seatback trim |
| 10. Seatback pad | 11. Foot welcome lamp | 12. Seat belt buckle*3 |
| 13. Seat cushion inner finisher inside (rear) | 14. Seat cushion inner finisher inside (front) | 15. Seat cushion inner finisher |

FRONT SEAT

< REMOVAL AND INSTALLATION >

16. Seat cushion trim	17. Seat cushion pad	18. Seat control unit	
19. Seat cushion front finisher	20. Front inner slide cover	21. Front outer slide cover	A
22. Seat cushion climate controlled seat duct finisher	23. Seat cushion thermal electric unit	24. Seat cushion climate controlled seat hook (front)	
25. Seat cushion climate controlled seat duct	26. Seat cushion climate controlled seat blower filter	27. Climate controlled seat cushion blower motor	B
28. Seat cushion climate controlled seat harness	29. Seat cushion climate controlled seat hook (rear)	30. Seat cushion climate controlled seat bracket	C
31. Climate controlled seat control unit	32. Seat cushion outer finisher	33. Seat slide and lifter switch knob	
34. Seat reclining switch knob	35. Seat control switch	36. Lumber support switch	
37. Seat control switch cover	38. Seat cushion outer finisher inside (rear)	39. Seat cushion outer finisher inside (front)	D
40. Seat harness	41. Rear outer slide cover	42. Seat cushion lower outer finisher	
43. Side air bag module	44. Seatback board	45. Headrest display harness and upper tube* ¹	E
46. Headrest display harness* ¹	47. Clip* ¹	48. Seatback climate controlled seat duct	
49. Climate controlled seatback blower motor	50. Climate controlled seatback blower motor bracket	51. Seatback climate controlled seat blower filter	F
52. Seatback thermal electric unit	53. Seatback thermal electric unit bracket	54. Seatback climate controlled seat duct finisher	G
55. Rear inner slide cover	56. Seat cushion lower inner finisher	57. Headrest display harness lower tube* ¹	
58. Lumber support unit assembly	59. Seat frame assembly		H

 : Pawl

 : Metal clip

Refer to [GI-4, "Components"](#) for symbols in the figure.

*¹: With headrest display only.

*²: Without headrest display only.

*³: Tighten together with seat belt buckle. Refer to [SB-8, "SEAT BELT BUCKLE : Exploded View"](#).

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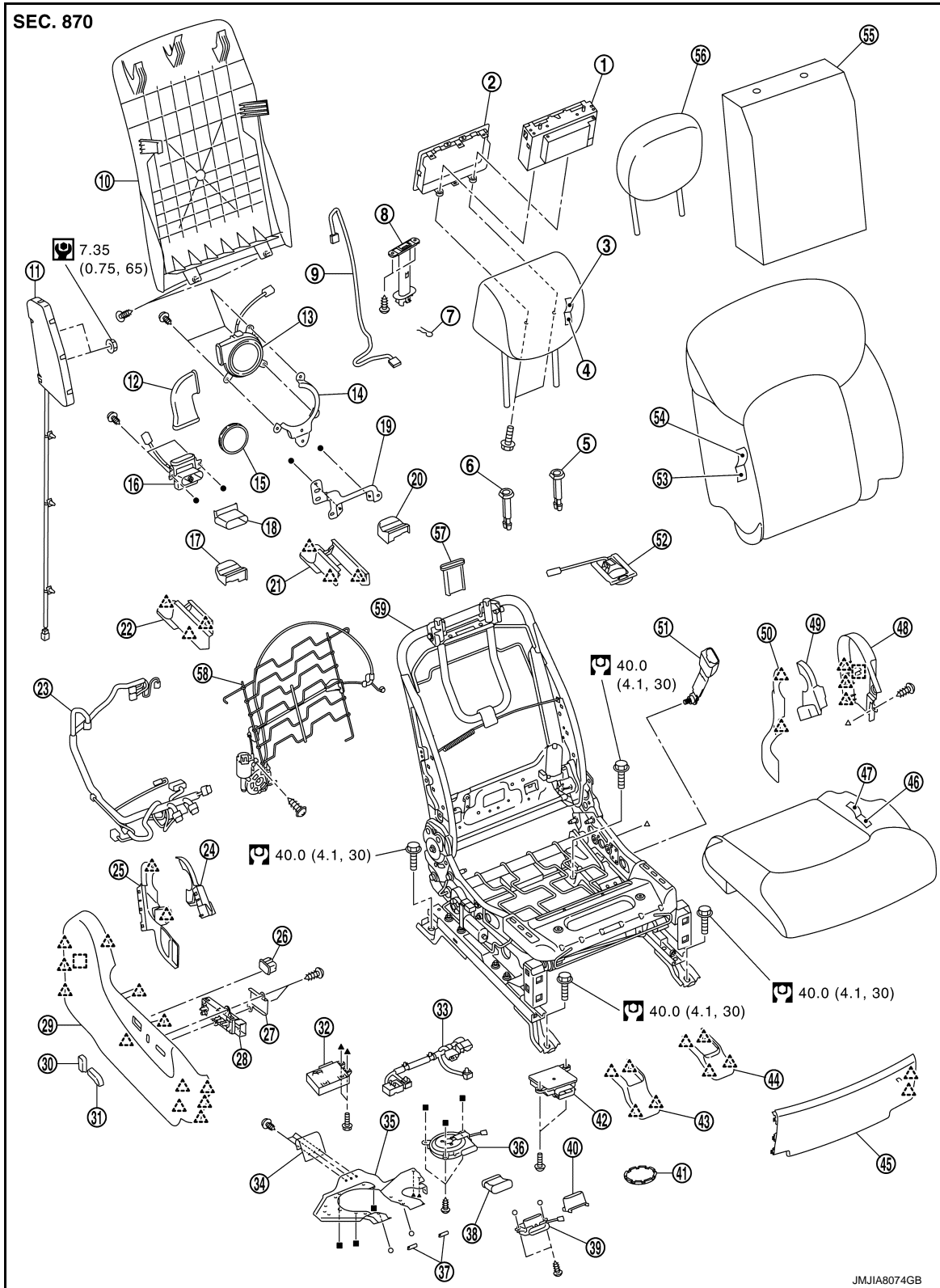
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FRONT SEAT

< REMOVAL AND INSTALLATION >

PASSENGER SEAT




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|--|--|---|
| 1. Headrest display* ¹ | 2. Headrest display escutcheon ¹ | 3. Headrest trim ¹ |
| 4. Headrest pad and frame ¹ | 5. Headrest holder (locked) | 6. Headrest holder (free) |
| 7. Clip ¹ | 8. Headrest display harness and upper tube* ¹ | 9. Headrest display harness* ¹ |
| 10. Seatback board | 11. Side air bag module | 12. Seatback climate controlled seat duct |

FRONT SEAT

< REMOVAL AND INSTALLATION >

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|--|--|--|---|
| 13. Climate controlled seatback blower motor | 14. Climate controlled seatback blower motor bracket | 15. Seatback climate controlled seat blower filter | A |
| 16. Seatback thermal electric unit | 17. Seat cushion lower outer finisher | 18. Seatback climate controlled seat duct finisher | |
| 19. Seatback thermal electric unit bracket | 20. Seat cushion lower inner finisher | 21. Rear inner slide cover | B |
| 22. Rear outer slide cover | 23. Seat harness | 24. Seat cushion outer finisher inside (front) | C |
| 25. Seat cushion outer finisher inside (rear) | 26. Lumber support switch | 27. Seat control switch cover | |
| 28. Seat control switch | 29. Seat cushion outer finisher | 30. Seat reclining switch knob | D |
| 31. Seat slide and lifter switch knob | 32. Climate controlled seat control unit | 33. Seat cushion climate controlled seat harness | E |
| 34. Seat cushion climate controlled seat hook (rear) | 35. Seat cushion climate controlled seat bracket | 36. Climate controlled seat cushion blower motor | |
| 37. Seat cushion climate controlled seat hook (front) | 38. Seat cushion climate controlled seat duct | 39. Seat cushion thermal electric unit | F |
| 40. Seat cushion climate controlled seat duct finisher | 41. Seat cushion climate controlled seat blower filter | 42. Occupant detection system control unit | |
| 43. Front outer slide cover | 44. Front inner slide cover | 45. Seat cushion front finisher | G |
| 46. Seat cushion pad | 47. Seat cushion trim | 48. Seat cushion inner finisher | |
| 49. Seat cushion inner finisher inside (front) | 50. Seat cushion inner finisher inside (rear) | 51. Seat belt buckle*3 | H |
| 52. Foot welcome lamp | 53. Seatback pad | 54. Seatback trim | |
| 55. Seatback silencer | 56. Headrest*2 | 57. Headrest display harness lower tube*1 | I |
| 58. Lumber support unit assembly | 59. Seat frame assembly | | |

 : Pawl

 : Metal clip

Refer to [GI-4, "Components"](#) for symbols in the figure.

*1: With headrest display only.

*2: Without headrest display only.

*3: Tighten together with seat belt buckle. Refer to [SB-8, "SEAT BELT BUCKLE : Exploded View"](#).

Removal and Installation


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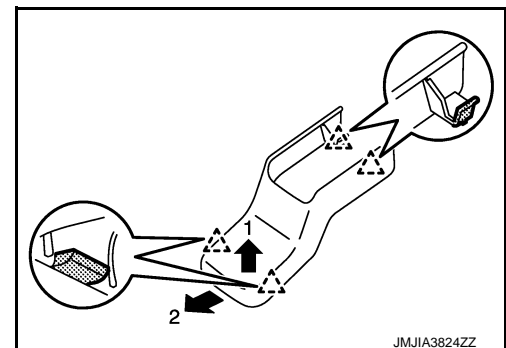
REMOVAL

CAUTION:

- When removing and installing, use shop cloths to protect parts from damage.
- When removing and installing, 2 workers are required so as to prevent it from dropping.

1. Remove the headrest (without headrest display only).
2. Remove the front slide cover.
 - a. Front outer slide cover
 - Slide the seat to the rearmost position.
 - Pull up the front edge of the front slide cover to release the pawls.
 - Slide the front slide cover forward to release the pawls.


 : Pawl

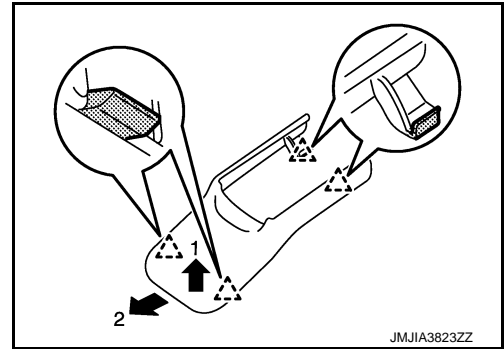


FRONT SEAT

< REMOVAL AND INSTALLATION >


- b. Front inner slide cover
- Slide the seat to the rearmost position.
 - Pull up the front edge of the front slide cover to release the pawls.
 - Slide the front slide cover forward to release the pawls.

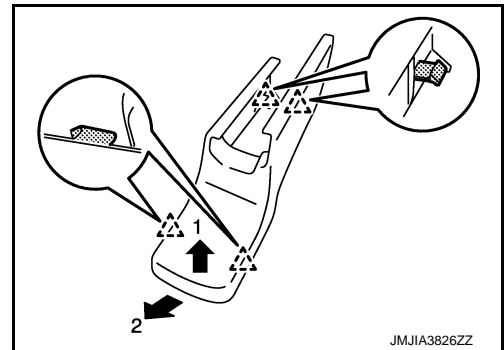
 : Pawl




3. Remove the mounting bolts on the front side of the front seat.
4. Remove the rear slide cover.

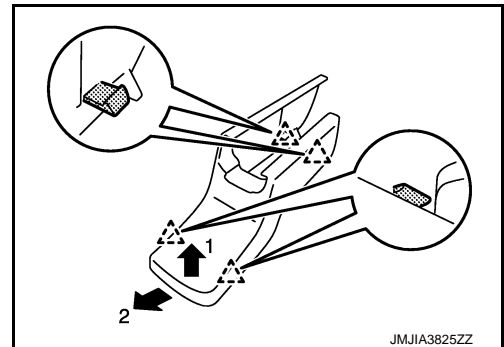
- a. Rear inner slide cover
- Slide the seat to the foremost position.
 - Pull up the rear edge of the rear inner slide cover to release the pawls.
 - Slide the rear inner slide cover rearward to release the pawls.

 : Pawl



- b. Rear outer slide cover
- Slide the seat to the foremost position.
 - Pull up the rear edge of the rear outer slide cover to release the pawls.
 - Slide the rear outer slide cover rearward to release the pawls.

 : Pawl



5. Remove the mounting bolts on the rear side of the front seat.
6. Set seatback in a standing position.
7. Slide the seat to the rearmost position.
8. Disconnect harness connectors under the seat and remove harness securing clips.

CAUTION:

Before removal, turn ignition switch OFF, disconnect battery negative terminal and then wait for at least 3 minutes or more.

9. Remove seat from the vehicle.

CAUTION:

When removing and installing, use shop cloths to protect parts from damage.

INSTALLATION

Note the following items, and then install in the reverse order of removal.

CAUTION:

- **Before installation, turn ignition switch OFF, disconnect battery negative terminal and then wait for at least 3 minutes or more.**
- **Clamp the harness in position.**

NOTE:

After installing the front seat, perform additional service when removing battery negative terminal. Refer to [ADP-52, "ADDITIONAL SERVICE WHEN REMOVING BATTERY NEGATIVE TERMINAL : Description"](#).

FRONT SEAT

< REMOVAL AND INSTALLATION >

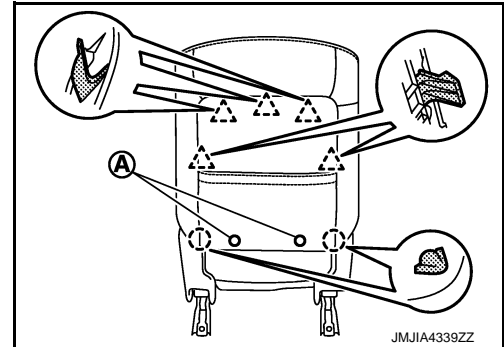
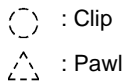
SEATBACK

SEATBACK : Disassembly and Assembly

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DISASSEMBLY

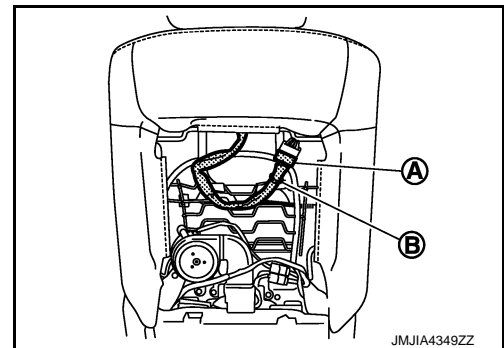
1. Remove the seatback board.
 1. Remove the screws (A) on lower side of the seatback board.
 2. Disengage the clips on lower side, pull the seatback board toward vehicle rear, and disengage the pawls on lateral side.
 3. Pull the back board downward, disengage the pawls on upper side, and remove the seatback board.



CAUTION:

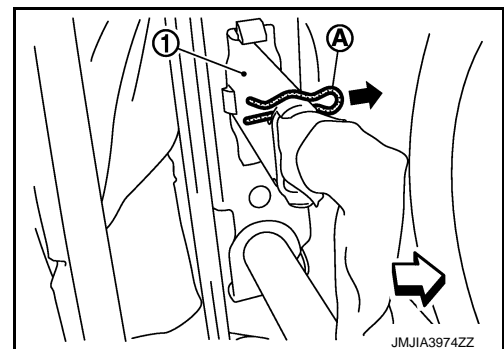
Always use a remover tool when removing clip. Or otherwise surface of trim may be damaged.

2. Remove the headrest (with headrest display only).
 1. Disconnect the headrest display harness connector (A) and the harness clamps (B).

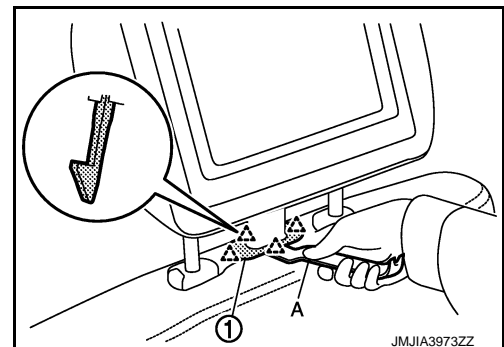
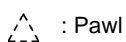


2. Pull out clip (A) of headrest display harness and upper tube (1)

← : Vehicle front



3. Raise the headrest to the top position.
4. Disengage the escutcheon (1) of the headrest display harness and upper tube as shown in the figure using remover tool (A).



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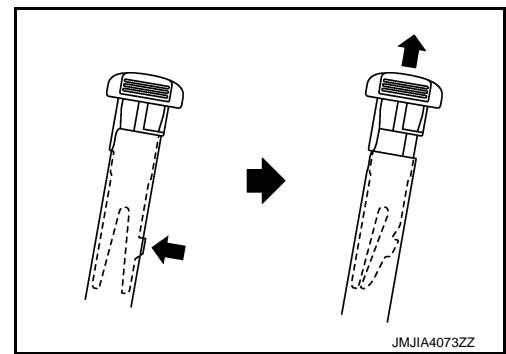
FRONT SEAT

< REMOVAL AND INSTALLATION >

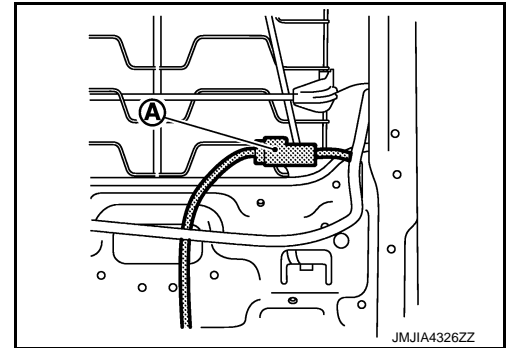
3. Remove the headrest holder from the seatback while pressing the pawls as shown by the arrows in the figure.

CAUTION:

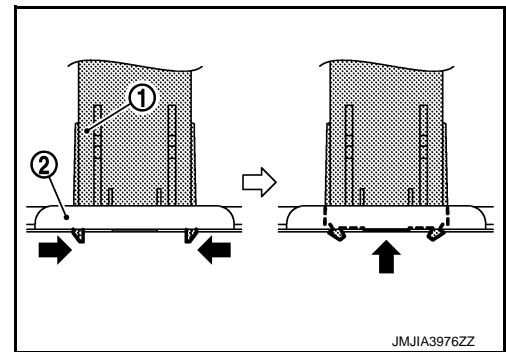
Before installing headrest holder check its orientation (Front/rear and right/left).



4. Disconnect the seatback heater unit harness connector (A). (with heater seat model only)



5. Remove the seatback pad and seatback trim.
1. Disconnect the foot welcome lamp harness connector and the harness clamp.
 2. Remove the seatback retainer on the back side of the seatback.
 3. Remove the side air bag harness clamp.
 4. Remove the side air bag module mounting nuts.
 5. Remove the headrest display harness lower tube (1) from the seat frame assembly (2) while pressing up the pawls as shown by the arrows in the figure.



6. Remove the seatback trim and the seatback pad from the seat frame assembly. Remove them together with the headrest display harness lower tube and the side air bag module.
 7. Remove the hog rings, and separate the seatback trim and seatback pad.
6. Remove the seatback silencer.
7. Remove the following parts after removing seatback silencer.
- Seatback climate controlled seat unit (with climate controlled seat model only). Refer to [SE-118, "CLIMATE CONTROLLED SEAT UNIT : Disassembly and Assembly"](#).
 - Remove the lumbar support unit assembly.

ASSEMBLY

Assemble in the reverse order of disassembly.

CAUTION:

Install the hog rings of seatback trim in position, and then securely connect the trim or trim cord with the pad side wire.

SEAT CUSHION

FRONT SEAT

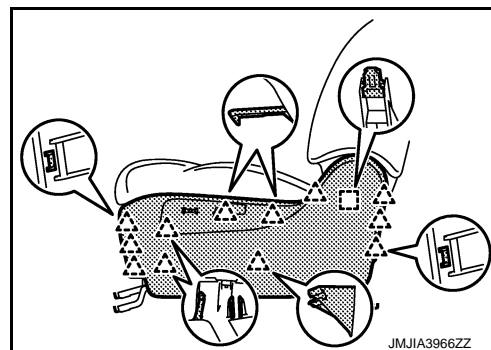
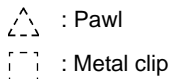
< REMOVAL AND INSTALLATION >

SEAT CUSHION : Disassembly and Assembly

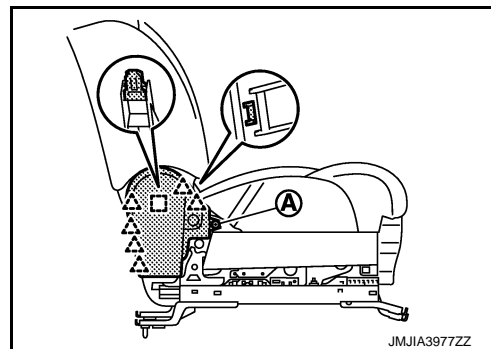
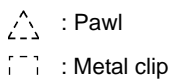
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DISASSEMBLY

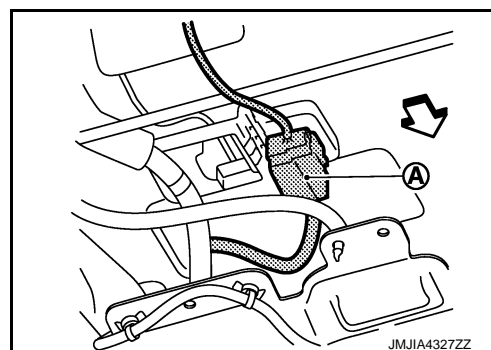
1. Remove the seat cushion outer finisher.
 1. Remove the metal clips and pawls, and then pull out seat cushion outer finisher.



2. Disconnect the seat control switch, lumbar support switch harness connector.
2. Remove the seat cushion front finisher.
3. Remove the seat belt buckle. Refer to [SB-8, "SEAT BELT BUCKLE : Removal and Installation"](#).
4. Remove the seat cushion inner finisher.
 1. Remove the seat cushion inner finisher fixing screw (A).
 2. Remove the metal clip and pawls then pull out seat cushion inner finisher.



5. Disconnect the seat cushion heater unit harness connector (A). (with heater seat model only)



6. Remove the seat cushion trim and seat cushion pad.
 1. Remove the seat cushion retainer.
 2. Remove the seat cushion trim and seat cushion pad from the seat frame assembly.
 3. Remove the hog rings, and separate the seat cushion trim and seat cushion pad.
7. Remove the seat cushion finisher inside.
 - Remove the seat cushion inner finisher inside (front, rear).
 - Remove the seat cushion outer finisher inside (front, rear).
8. Remove the following parts after removing seat cushion finisher inside.
 - Seat cushion climate controlled seat unit (with climate controlled seat model only). Refer to [SE-118, "CLIMATE CONTROLLED SEAT UNIT : Disassembly and Assembly"](#).
 - Seat control unit (driver seat only). Refer to [ADP-136, "Removal and Installation"](#).
 - Remove occupant detection system control unit. Refer to [SR-30, "Removal and Installation"](#).

FRONT SEAT

< REMOVAL AND INSTALLATION >

ASSEMBLY

Assemble in the reverse order of disassembly.

CAUTION:

Install the hog rings of seat cushion trim in position, and then securely connect the trim or trim cord with the pad side wire.

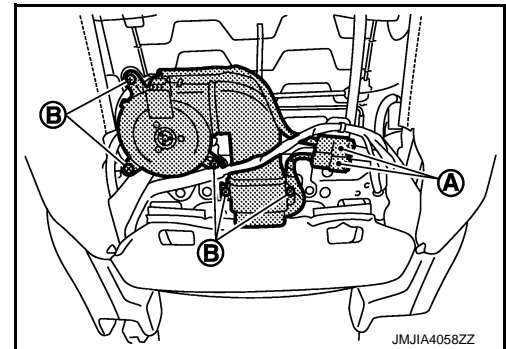
CLIMATE CONTROLLED SEAT UNIT

CLIMATE CONTROLLED SEAT UNIT : Disassembly and Assembly

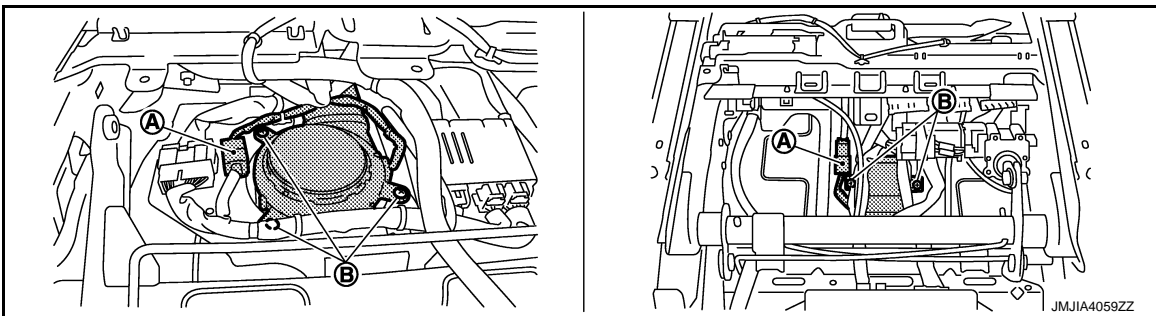
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DISASSEMBLY

1. Remove the seatback thermal electric unit and seatback blower motor.
 - Disconnect the harness connectors (A).
 - Remove the screws (B).

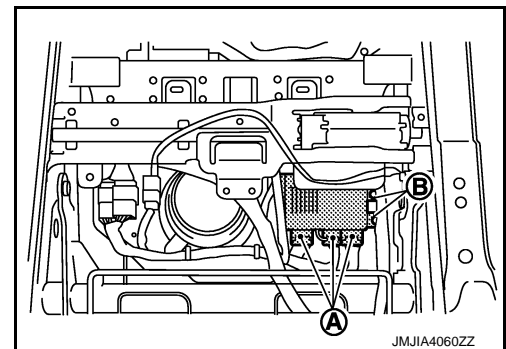


2. Remove the seatback climate controlled seat duct finisher.
3. Remove the seat cushion thermal electric unit and seat cushion blower motor.



- Disconnect the harness connectors (A), and then remove the harness clamp.
- Remove the screws (B).

4. Remove the seat cushion climate controlled seat duct finisher.
5. Remove the climate controlled seat control unit.
 - Disconnect the harness connectors (A).
 - Remove the screws (B).



ASSEMBLY

Assemble in the reverse order of disassembly.

HEADREST (WITH HEADREST DISPLAY ONLY)

HEADREST (WITH HEADREST DISPLAY ONLY) : Disassembly and Assembly

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DISASSEMBLY

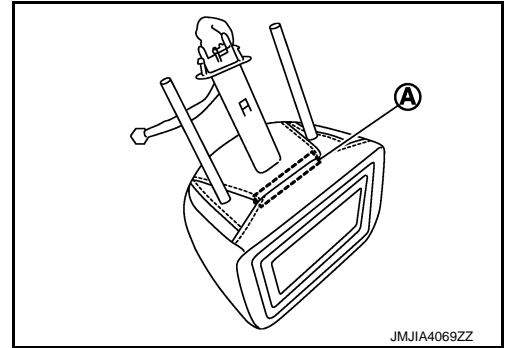
FRONT SEAT

< REMOVAL AND INSTALLATION >

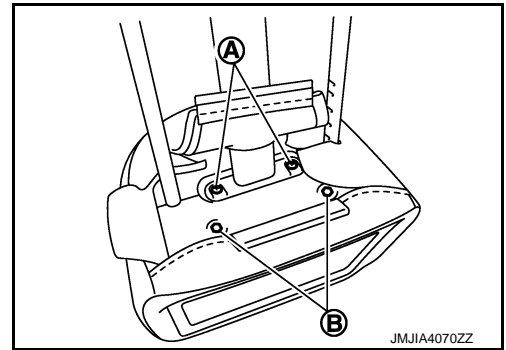
CAUTION:

- Never strongly press panel surface of display (glass area).
- Never strongly press or pull out the movable part of display.

1. Remove the headrest trim retainer (A).

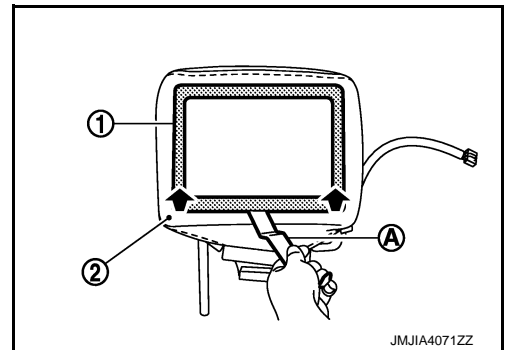


2. Remove the headrest display harness and upper tube fixing screws (A), and then remove headrest display unit mounting bolts (B).




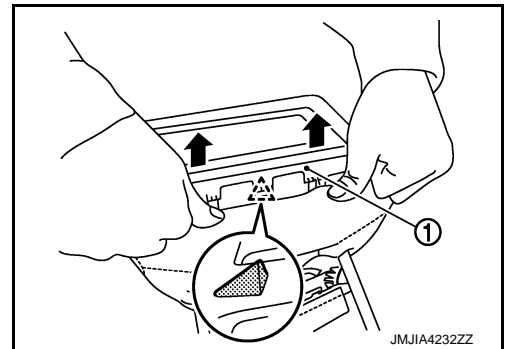
3. Remove the headrest display escutcheon and headrest display.

1. Insert a remover tool (A) between lower side of headrest display escutcheon (1) and headrest trim (2) and pull out lower side of escutcheon.



2. Pull out headrest display escutcheon (1) to the position that pawl is visible and disengage pawl.

 : Pawl



3. Pull out lower side of headrest display escutcheon from headrest.

CAUTION:

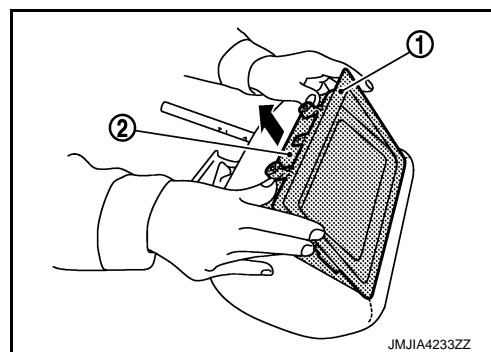
Be careful not to damage pawls on upper side headrest display escutcheon since pawl are not fixed yet.

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FRONT SEAT

< REMOVAL AND INSTALLATION >

4. Pull downward and remove headrest display escutcheon (1) and headrest display unit (2) by pulling them out and removing pins on upper side of display.



5. Disconnect inner harness connector.
6. Remove headrest display escutcheon from headrest display unit.
Press headrest display escutcheon to the headrest display unit side. Disconnect pawls on upper side and remove headrest display escutcheon.
4. Remove the headrest display harness upper tube from headrest trim.
5. Remove the headrest trim from headrest pad and frame.

ASSEMBLY

Assembly in the reverse order of disassembly.

SECOND SEAT

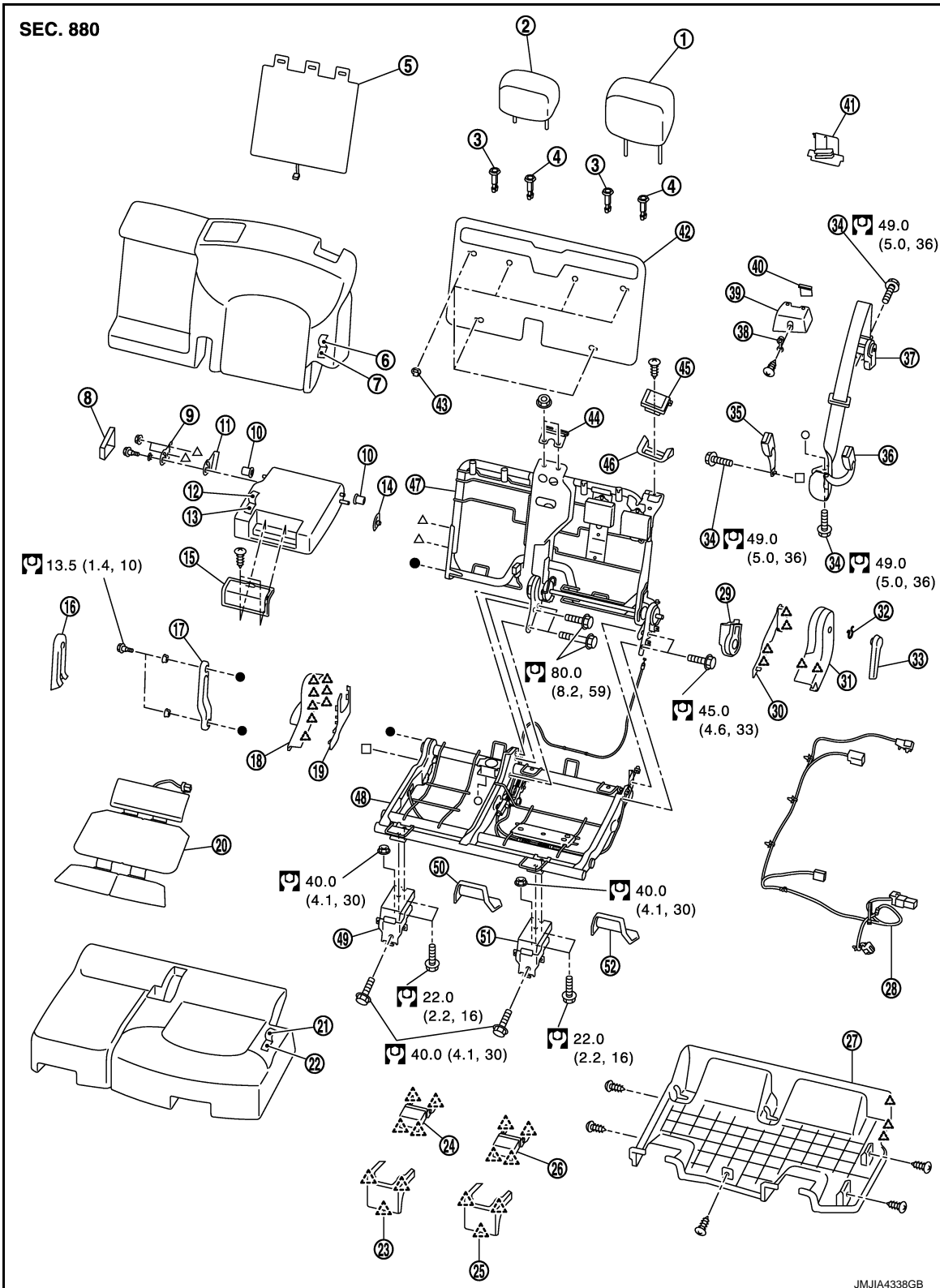
< REMOVAL AND INSTALLATION >

SECOND SEAT

Exploded View

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BENCH SEAT (LH SIDE)




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SECOND SEAT

< REMOVAL AND INSTALLATION >

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|--|-------------------------------------|--|
| 1. Headrest LH | 2. Headrest (center) | 3. Headrest holder (free) |
| 4. Headrest holder (locked) | 5. Seatback heater unit* | 6. Seatback trim |
| 7. Seatback pad | 8. Armrest outer cover | 9. Armrest outer bracket |
| 10. Bush | 11. Armrest inner cover RH | 12. Armrest trim |
| 13. Armrest pad & frame | 14. Armrest inner cover LH | 15. Cup holder |
| 16. Reclining inner cover (outside) | 17. Seat inner hinge | 18. Reclining device inner cover (outside) |
| 19. Reclining device inner cover (inside) | 20. Seat cushion heater unit* | 21. Seat cushion trim |
| 22. Seat cushion pad | 23. Seat hinge cover RH | 24. Seat cushion hinge cover RH |
| 25. Seat hinge cover LH | 26. Seat cushion hinge cover LH | 27. Seat cushion under cover |
| 28. Seat harness assembly | 29. Device arm cover | 30. Reclining device outer cover (inside) |
| 31. Reclining device outer cover (outside) | 32. Snap ring | 33. Reclining lever knob |
| 34. Anchor bolt | 35. Seat belt buckle (center) | 36. Seat belt buckle LH |
| 37. Center seat belt retractor | 38. Screw cap | 39. Seatback center finisher |
| 40. Seatback center finisher cover | 41. Center seat belt shoulder guide | 42. Seatback board |
| 43. Seatback board clip | 44. Center seat belt guide | 45. Rear seat lever assembly |
| 46. Seat control lever escutcheon | 47. Seatback frame | 48. Seat cushion frame |
| 49. Seat hinge assembly RH | 50. Seat cushion carpet RH | 51. Seat hinge assembly LH |
| 52. Seat cushion carpet LH | | |

 : Pawl

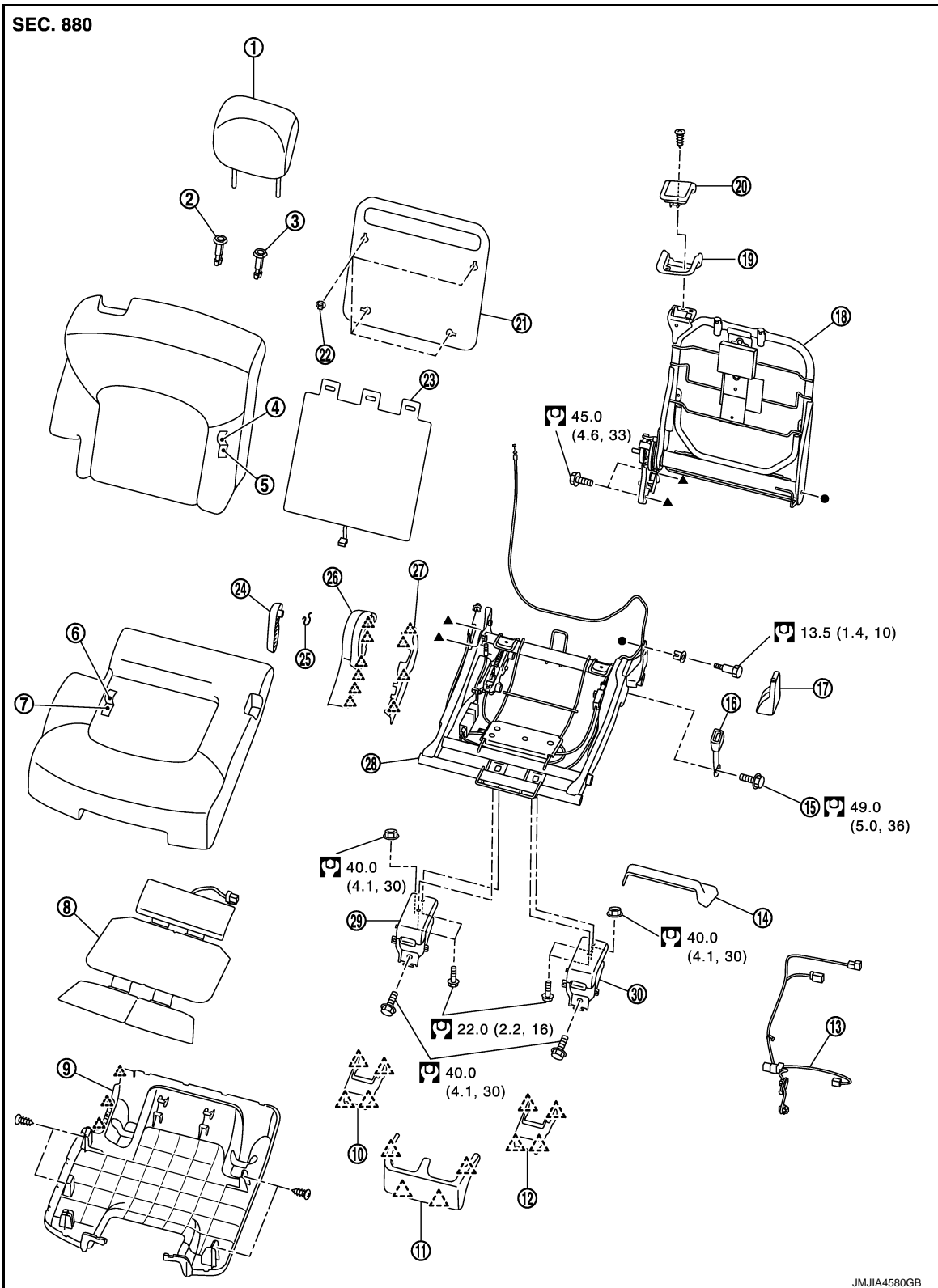
Refer to [GI-4. "Components"](#) for symbols in the figure.

*: Heater seat model only.

BENCH SEAT (RH SEAT) AND CAPTAIN SEAT (RH SEAT)

SECOND SEAT

< REMOVAL AND INSTALLATION >




- | | | |
|---------------------------------|-------------------------------------|----------------------------------|
| 1. Headrest RH | 2. Headrest holder (free) | 3. Headrest holder (locked) |
| 4. Seatback trim | 5. Seatback pad | 6. Seat cushion trim |
| 7. Seat cushion pad | 8. Seat cushion heater unit* | 9. Seat cushion under cover |
| 10. Seat cushion hinge cover RH | 11. Seat hinge cover RH | 12. Seat cushion hinge cover LH |
| 13. Seat harness assembly | 14. Seat cushion carpet | 15. Seat belt buckle anchor bolt |
| 16. Seat belt buckle | 17. Reclining inner cover (outside) | 18. Seatback frame |

SECOND SEAT

< REMOVAL AND INSTALLATION >

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| 19. Seat control lever escutcheon | 20. Rear seat lever assembly | 21. Seatback board |
| 22. Seatback board clip | 23. Seatback heater unit* | 24. Reclining lever knob |
| 25. Snap ring | 26. Reclining device outer cover (outside) | 27. Reclining device outer cover (inside) |
| 28. Seat cushion frame | 29. Seat hinge assembly RH | 30. Seat hinge assembly LH |

 : Pawl

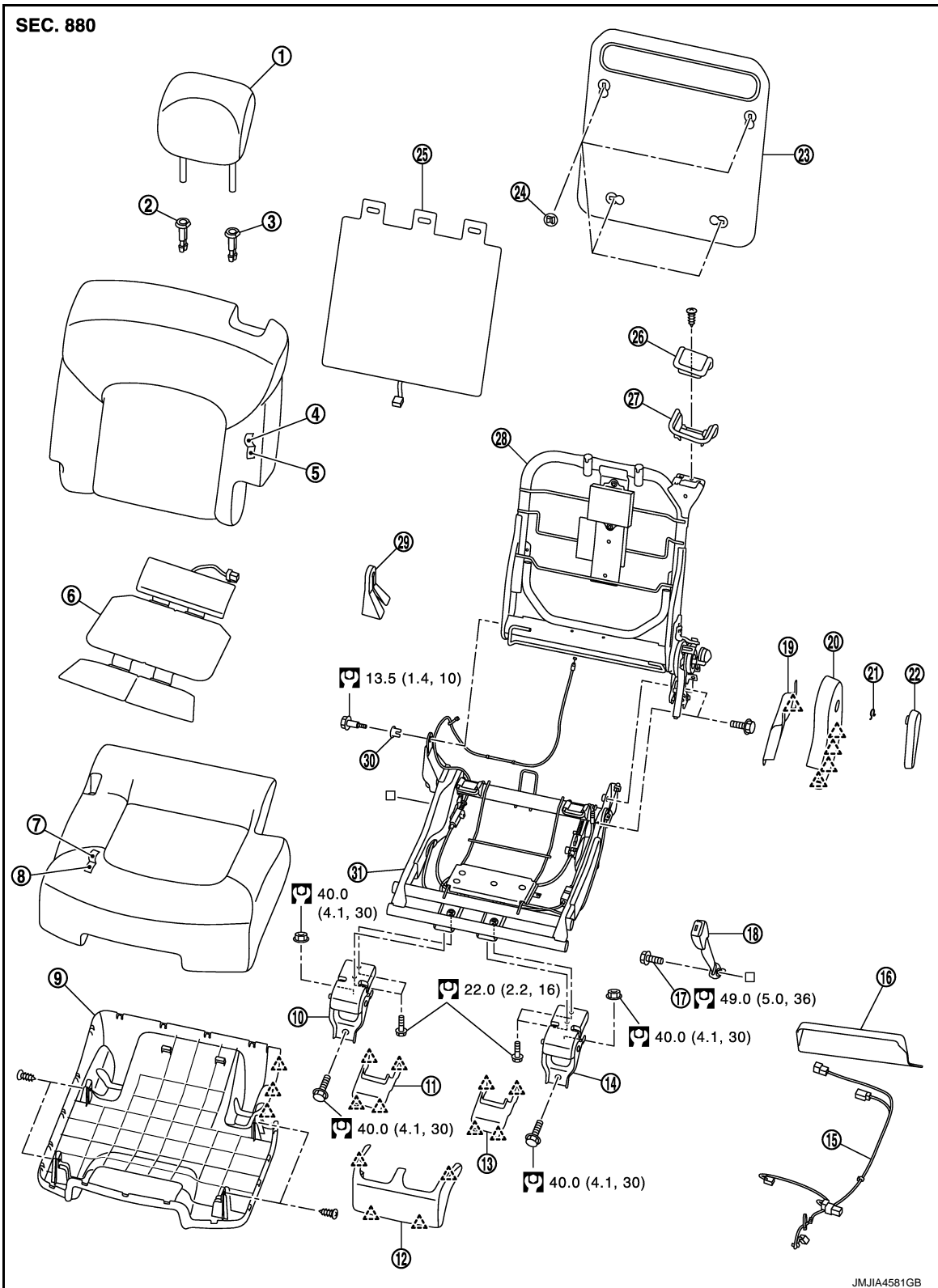
Refer to [GI-4, "Components"](#) for symbols in the figure.

*: Heater seat model only.

CAPTAIN SEAT (LH SIDE)

SECOND SEAT

< REMOVAL AND INSTALLATION >




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|---------------------------------|---------------------------------|-----------------------------|
| 1. Headrest | 2. Headrest holder (free) | 3. Headrest holder (locked) |
| 4. Seatback trim | 5. Seatback pad | 6. Seat cushion heater unit |
| 7. Seat cushion trim | 8. Seat cushion pad | 9. Seat cushion under cover |
| 10. Seat hinge assembly RH | 11. Seat cushion hinge cover RH | 12. Seat hinge cover LH |
| 13. Seat cushion hinge cover LH | 14. Seat hinge assembly LH | 15. Seat harness assembly |
| 16. Seat cushion carpet | 17. Anchor bolt | 18. Seat belt buckle |

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SECOND SEAT

< REMOVAL AND INSTALLATION >

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|---|--|-----------------------------------|
| 19. Reclining device outer cover (inside) | 20. Reclining device outer cover (outside) | 21. Snap ring |
| 22. Reclining lever knob | 23. Seatback board | 24. Seatback board clip |
| 25. Seatback heater unit | 26. Rear seat lever assembly | 27. Seat control lever escutcheon |
| 28. Seatback frame | 29. Reclining device inner cover (outside) | 30. Bush |
| 31. Seat cushion frame | | |

 : Pawl

Refer to [GI-4. "Components"](#) for symbols in the figure.

Removal and Installation


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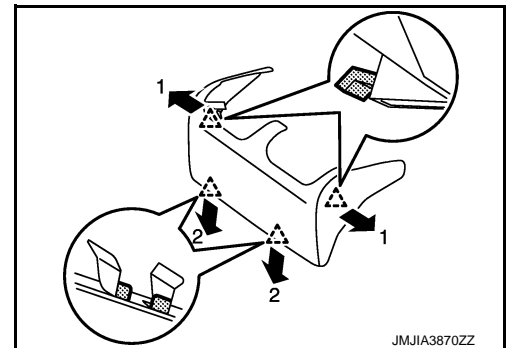
REMOVAL

CAUTION:


- When removing and installing, use shop cloths to protect parts from damage.
- When removing and installing, 2 workers are required so as to prevent it from dropping.

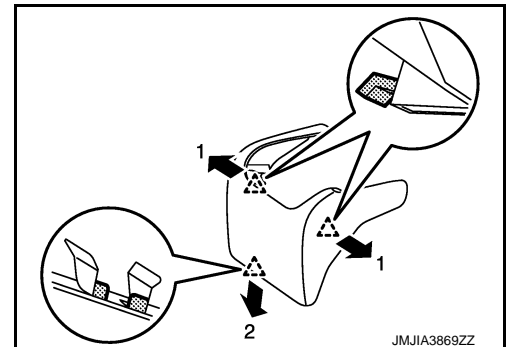
1. Remove the headrest.
2. Remove the seat hinge cover.
 - a. Bench seat (RH side) and captain seat
 - Open pawls on upper side to outside and disconnect the pawls.
 - Pull the cover forward, side the pawl on lower side downward, and disconnect the pawl.

 : Pawl

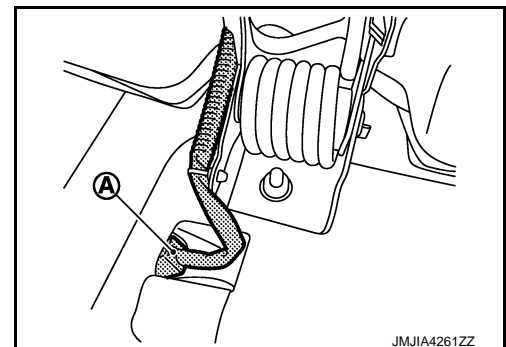


- b. Bench seat (LH side)
 - Open pawls on upper side to outside and disconnect the pawls.
 - Pull the cover forward, side the pawl on lower side downward, and disconnect the pawl.

 : Pawl



3. Remove the from mounting bolt of seat hinge assembly.
4. Operate rear seat lever or reclining lever to release seat lock assembly lock and to fold seat forward.
5. Disconnect seat harness assembly harness connector (A).



6. Remove the rear mounting nut of seat hinge assembly.

SECOND SEAT

< REMOVAL AND INSTALLATION >

7. Remove seat from the vehicle.

CAUTION:

When removing and installing, use shop cloths to protect parts from damage.

INSTALLATION

Install in the reverse order of removal.

SEATBACK


SEATBACK : Disassembly and Assembly

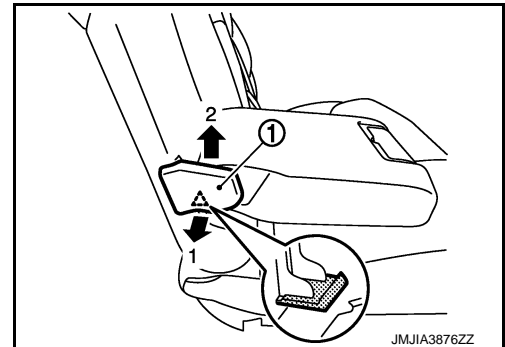
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DISASSEMBLY

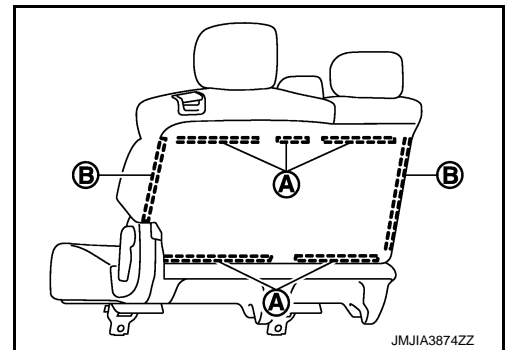
BENCH SEAT (LH SIDE)

1. Remove the armrest.
 1. Pull armrest outer cover (1) lower side forward and remove pawls. Lift armrest outer cover upward to remove.

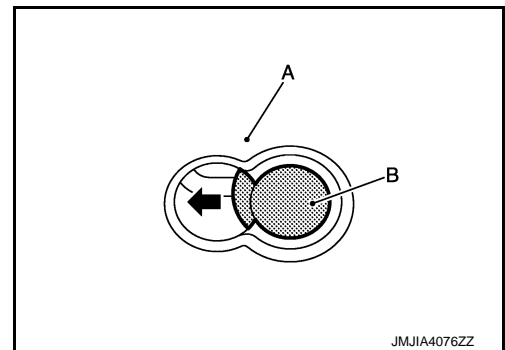
 : Pawl



2. Remove the armrest mounting nuts and then remove the armrest.
2. Remove the seatback retainers (A), and then open the fasteners (B).



3. Remove the seatback board and the clips.
 1. Slide and align the clips (B) to the holes on the seatback as shown in the figure, and then remove the seatback board (A).



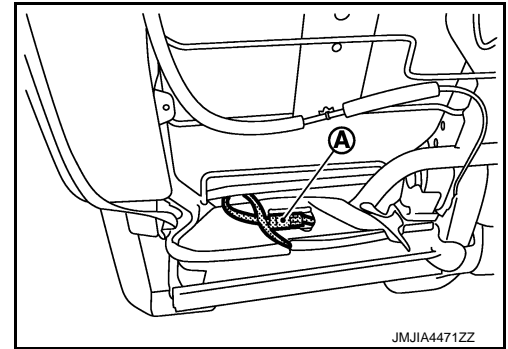
2. Remove the clips after removing the seatback board.
4. Disconnect the seatback heater unit harness connector (A).

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
SECOND SEAT

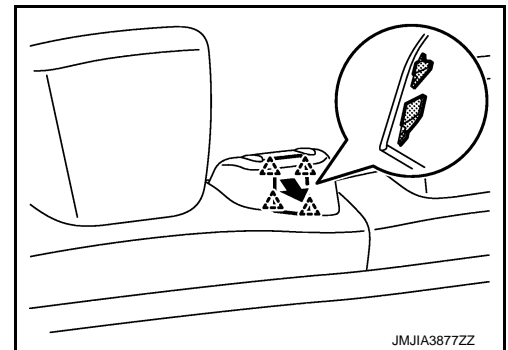
< REMOVAL AND INSTALLATION >

(heater seat model only)



5. Remove the rear seat lever assembly.
 1. Remove the rear seat lever assembly fixing screws.
 2. Lift rear seat lever assembly and remove seatback control wire.
6. Remove the seatback center finisher.
 1. Pull seatback center finisher cover rearward to remove.

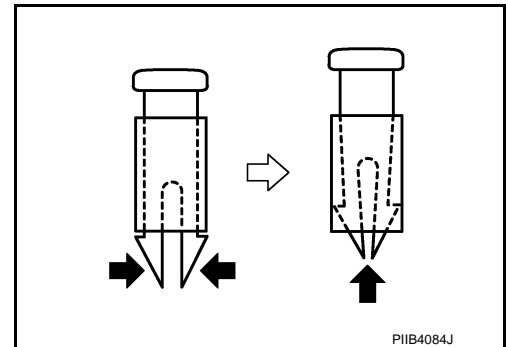
 : Pawl



2. Remove the seatback center finisher fixing screws.
 3. Remove the seat belt from seatback center finisher.
7. Remove the center seat belt anchor.
 1. Remove the seat cushion and seat cushion under cover.
Refer to [SE-131, "SEAT CUSHION : Disassembly and Assembly"](#).
 2. Remove the center seat belt anchor.
Refer to [SB-12, "SEAT BELT RETRACTOR : Removal and Installation"](#).
8. Remove the seatback trim and seatback pad.
 1. Remove the headrest holder.

CAUTION:


**Before installing headrest holder check its orientation.
(front/rear and right/left)**

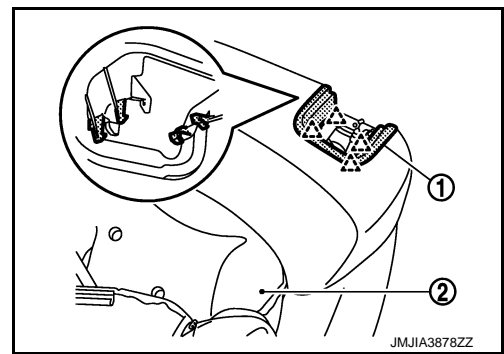


SECOND SEAT

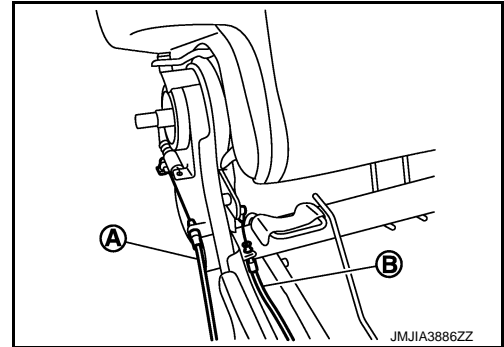
< REMOVAL AND INSTALLATION >

- Roll up seatback trim (2) from backward to forward so that seat control lever escutcheon (1) is visible.
- Remove the seat control lever escutcheon (1).

 : Pawl



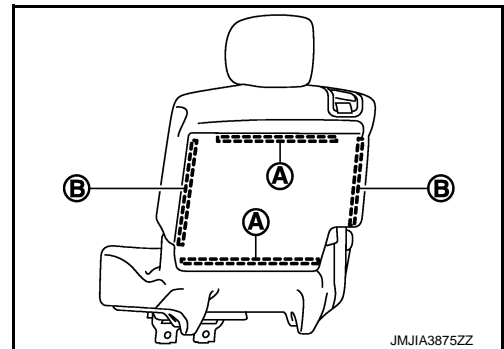
- Remove the seatback trim and seatback pad from the seatback frame.
 - Remove the hog rings, and separate the seatback trim and seatback pad.
9. Remove the seat belt retractor.
10. Remove the seatback frame.
- Remove the device arm cover.
 - Remove the reclining device inner cover (outside) and reclining device inner cover (inside). Refer to [SE-131, "SEAT CUSHION : Disassembly and Assembly"](#).
 - Remove the reclining device outer cover (outside) and reclining device outer cover (inside). Refer to [SE-131, "SEAT CUSHION : Disassembly and Assembly"](#).
 - Remove the seatback control wire (A) and seat cushion control wire (B).



- Remove the reclining inner cover (outside).
- Remove the mounting bolts and then remove seatback frame.

BENCH SEAT (RH SIDE) AND CAPTAIN SEAT

- Remove the seatback retainers (A), and then open the fasteners (B).

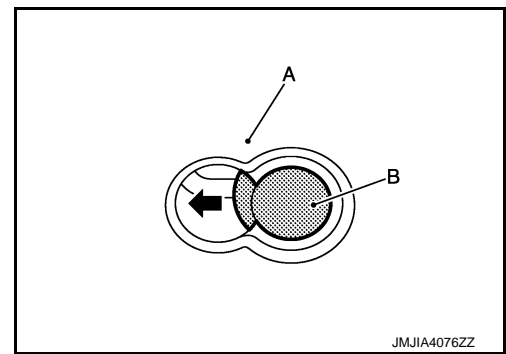


- Remove the seatback board and the clips.

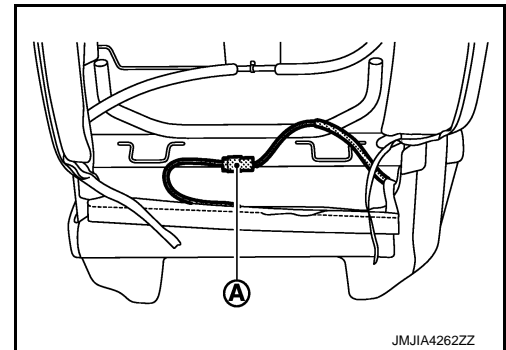
SECOND SEAT

< REMOVAL AND INSTALLATION >

1. Slide and align the clips (B) to the holes on the seatback as shown in the figure, and then remove the seatback board (A).

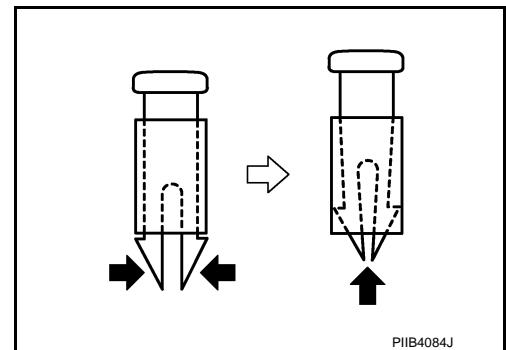


2. Remove the clips after removing the seatback board.
3. Disconnect the seatback heater unit harness connector (A). (heater seat model only)




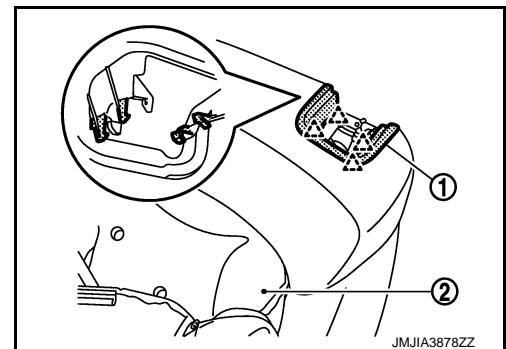
4. Remove the rear seat lever assembly.
 1. Remove the rear seat lever assembly fixing screws.
 2. Lift rear seat lever assembly and remove seatback control wire.
5. Remove the seatback trim and seatback pad.
 1. Remove the headrest holder.

CAUTION:
Before installing headrest holder check its orientation.
(front/rear and right/left)



2. Roll up seatback trim (2) from backward to forward so that seat control lever escutcheon (1) is visible.
3. Remove the seat control lever escutcheon (1).

 : Pawl

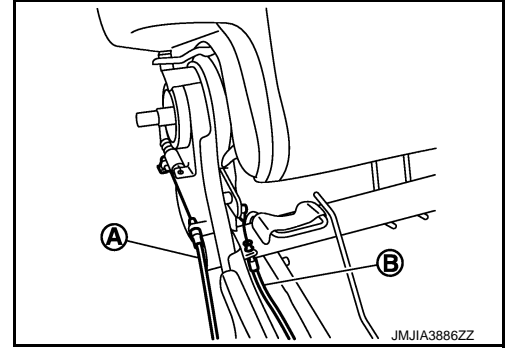


4. Remove the seatback trim and seatback pad from the seatback frame.
5. Remove the hog rings, and separate the seatback trim and seatback pad.
6. Remove the seatback frame.

SECOND SEAT

< REMOVAL AND INSTALLATION >

1. Remove the reclining device outer cover (outside) and reclining device outer cover (inside). Refer to [SE-131, "SEAT CUSHION : Disassembly and Assembly"](#).
2. Remove the seatback control wire (A) and seat cushion control wire (B).



3. Remove the reclining inner cover (outside).
4. Remove the mounting bolts and then remove seatback frame.

ASSEMBLY

Assemble in the reverse order of disassembly.

CAUTION:

- Install the hog rings of seat trim in position, and then securely connect the trim or trim cord with the seat frame.
- Adjust the cable when installing the seatback control wire and seat cushion control wire. Refer to [SE-135, "Adjustment"](#).

SEAT CUSHION

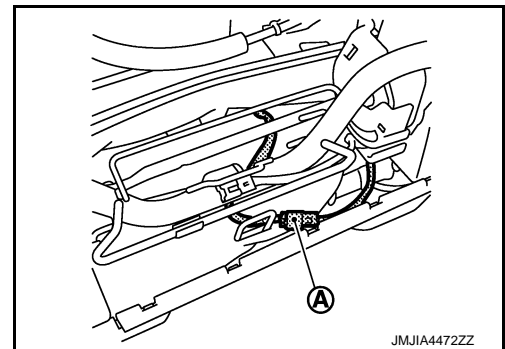
SEAT CUSHION : Disassembly and Assembly

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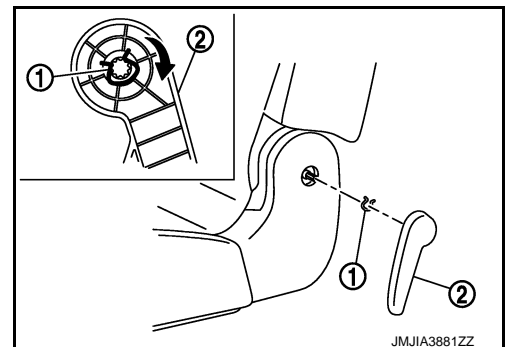
DISASSEMBLY

BENCH SEAT (LH SIDE)

1. Remove the seat cushion trim and seat cushion pad.
 1. Remove the seat cushion retainer.
 2. Move seat cushion so that harness connector (A) of seat cushion heater is visible. (heater seat model only)
 3. Disconnect the seat cushion heater unit harness connector (A). (heater seat model only)




4. Remove the seat cushion trim and seat cushion pad from the seat cushion frame.
 5. Remove the hog rings and separate the seat cushion trim and seat cushion pad.
2. Remove the reclining lever knob.
Remove snap ring (1) downward using a hook and pick tool.
Remove reclining lever knob (2).

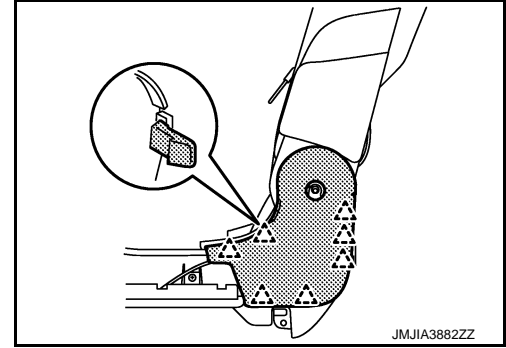


SECOND SEAT


< REMOVAL AND INSTALLATION >

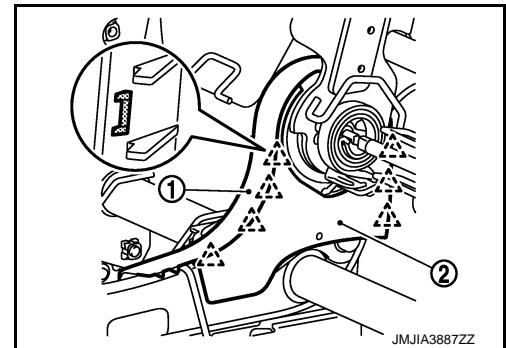
3. Remove the reclining device outer cover (outside)
Pull reclining device outer cover forward and disengage pawls.

 : Pawl

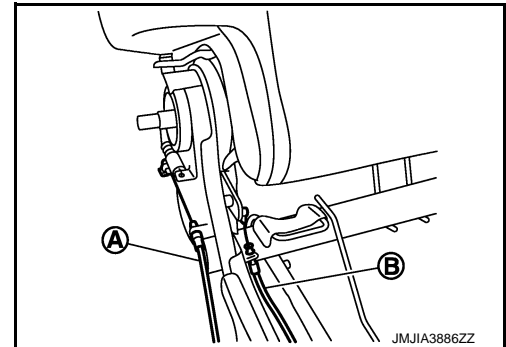


4. Remove the fixing screw and then remove seat cushion under cover.
5. Remove the reclining device outer cover (inside).
6. Remove the center seat belt anchor. Refer to [SB-12, "SEAT BELT RETRACTOR : Removal and Installation"](#).
7. Remove the seatback trim and seatback pad. Refer to [SE-127, "SEATBACK : Disassembly and Assembly"](#).
8. Remove the device arm cover.
9. Remove the reclining device inner cover (outside) (1) and reclining device inner cover (inside) (2).

 : Pawl



10. Remove the seat cushion frame.
 1. Remove the seatback control wire (A) and seat cushion control wire (B).




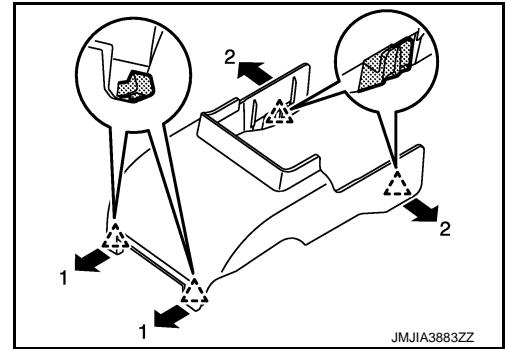
2. Remove seatback control wire installed to seat cushion frame.
 3. Remove the mounting bolts and then remove seat cushion frame.
11. Remove the seat cushion hinge cover

SECOND SEAT

< REMOVAL AND INSTALLATION >

- Disengage pawls on front side of seat cushion hinge cover.
- Disengage pawls on rear side of seat cushion hinge cover.

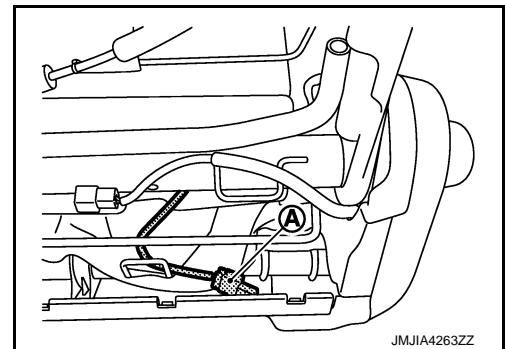
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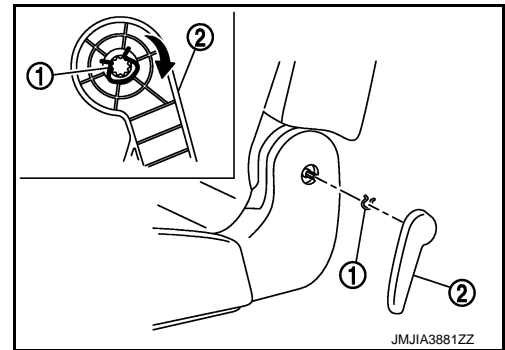
12. Remove the mounting bolts and then remove seat hinge assembly.

BENCH SEAT (RH SIDE) AND CAPTAIN SEAT


1. Remove the seat cushion trim and seat cushion pad.
 1. Remove the seat cushion retainer.
 2. Move seat cushion so that harness connector (A) of seat cushion heater is visible. (heater seat model only)
 3. Disconnect the seat cushion heater unit harness connector (A). (heater seat model only)

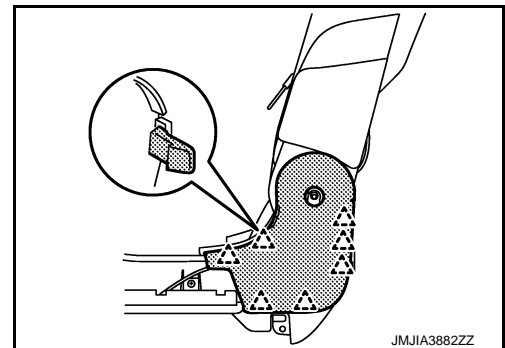


4. Remove the seat cushion trim and seat cushion pad from the seat cushion frame.
 5. Remove the hog rings and separate the seat cushion trim and seat cushion pad.
2. Remove the reclining lever knob.
Remove the snap ring (1) downward using a hook & pick tool.
Remove the reclining lever knob (2).



3. Remove the reclining device outer cover (outside)
Pull reclining device outer cover forward and disengage pawls.

 : Pawl



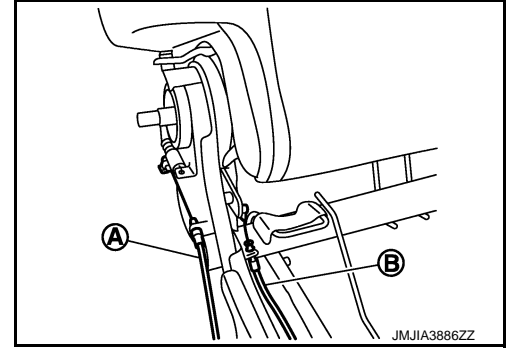
4. Remove the reclining device outer cover (inside).

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SECOND SEAT

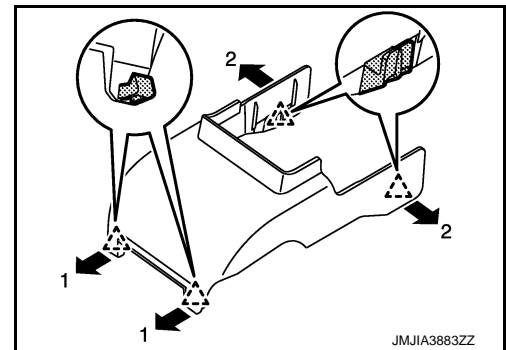
< REMOVAL AND INSTALLATION >

5. Remove the seat cushion frame.
 1. Remove the fixing screw and then remove seat cushion under cover.
 2. Remove the seatback control wire (A) and seat cushion control wire (B).



3. Remove the seatback control wire installed to seat cushion frame.
4. Remove the mounting bolts and then remove seat cushion frame.
6. Remove the seat belt buckle. Refer to [SB-15. "SEAT BELT BUCKLE : Removal and Installation"](#).
7. Remove the seat cushion carpet.
8. Remove the seat cushion hinge cover.
 - Disengage pawls on front side of seat cushion hinge cover.
 - Disengage pawls on rear side of seat cushion hinge cover.

 : Pawl



9. Remove the mounting bolts and then remove seat hinge assembly.

ASSEMBLY

Assemble in the reverse order of disassembly.

CAUTION:

- Install the hog rings of seat trim in position, and then securely connect the trim or trim cord with the seat frame.
- Adjust the cable when installing the seatback control wire and seat cushion control wire. Refer to [SE-135. "Adjustment"](#).

ARMREST

ARMREST : Disassembly and Assembly

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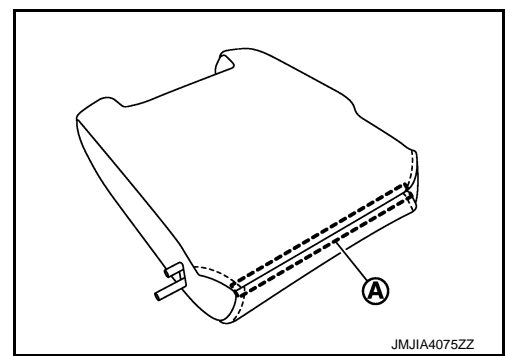
DISASSEMBLY

1. Remove the mounting bolts. Remove the armrest outer bracket and the armrest inner cover RH from the armrest assembly.
2. Remove the fixing screws of the cup holder. Remove the cup holder from the armrest assembly.

SECOND SEAT

< REMOVAL AND INSTALLATION >

3. Remove the retainer (A) of the armrest trim. Remove the armrest trim from the armrest pad and frame.



ASSEMBLY

Assemble in the reverse order of disassembly.

Adjustment

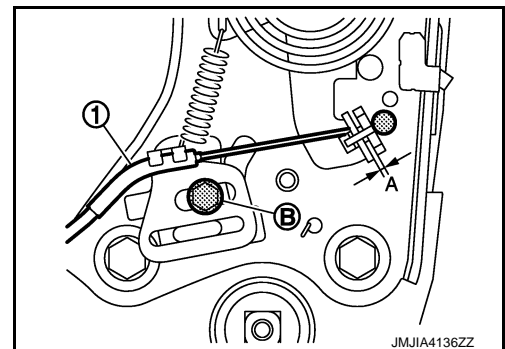
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ADJUSTMENT

SEATBACK CONTROL WIRE

Adjust in accordance with the following procedures when installing the seatback control wire of the 2nd seat.

1. Tilt the seatback forward and set the seatback to the 1st lock position.
2. Install the seatback control wire (1) so that it is not slack.
3. Set the clearance of portion (A) to 2 mm (0.079 in) and tighten the bolt (B).



4. Operate the rear seat lever assembly and fold the seat.
5. Set the seat to the seating position and check that the seat locks.

SEAT CUSHION CONTROL WIRE

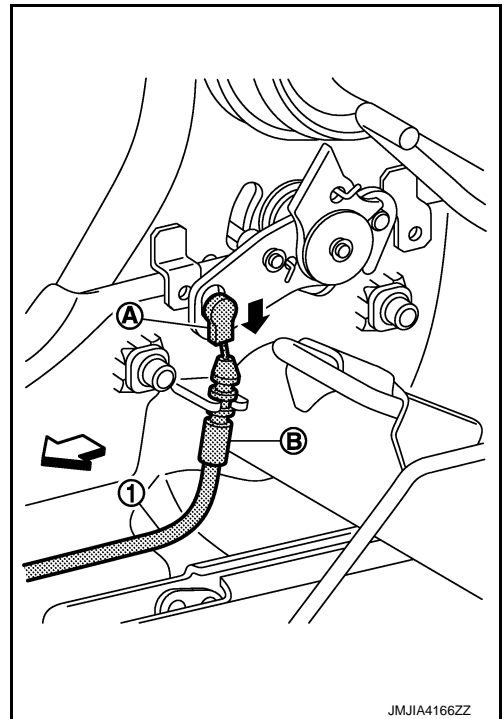
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SECOND SEAT

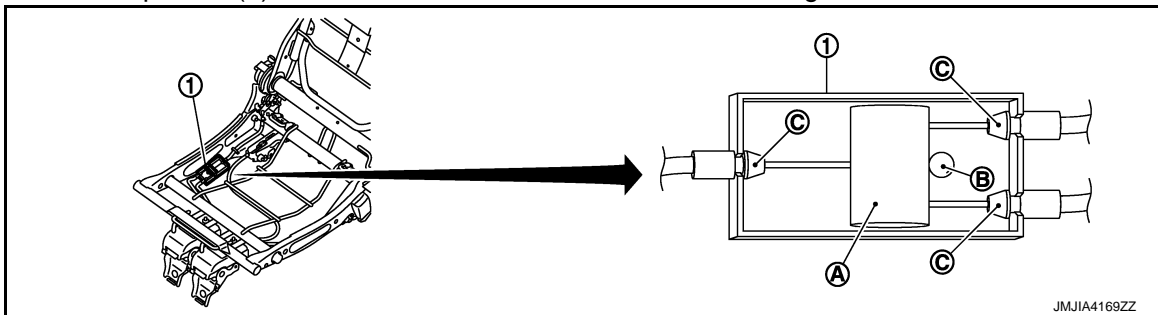
< REMOVAL AND INSTALLATION >

1. Align to hole and insert top end (A) of seatback frame side of seat cushion control wire (1).
2. Fit 2nd groove from the top end (B) of adjusting plastic part of seat cushion control wire (1) to the end of groove.
3. Lower the top end (A) of seat cushion control wire (1) to the lower end of hole.

← : Vehicle front



4. Check branch portion (1) of seat cushion control wire for the following items.



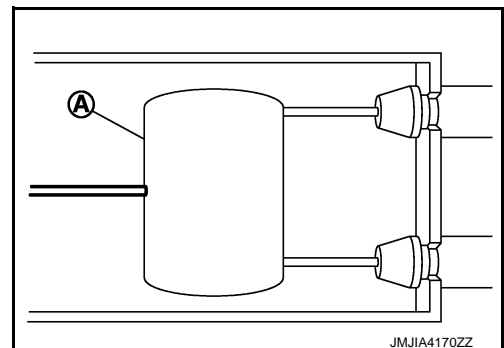
- Check that ball (B) of wire top end is only visible from sponge portion (A).
- Pull plastic portion (C) and check that seat cushion control wire is not disconnected.

CAUTION:

Adjust again for the following status A or B as shown in the figure.

Status A

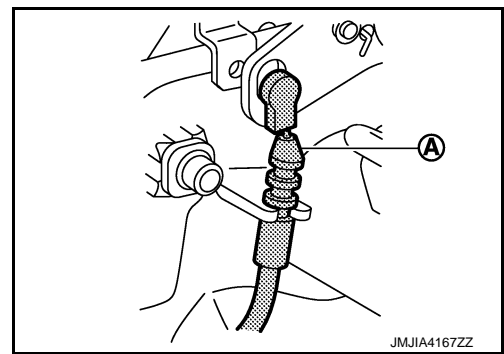
- The ball is not visible from sponge (A) portion. Adjust in accordance with the following procedures.



SECOND SEAT

< REMOVAL AND INSTALLATION >

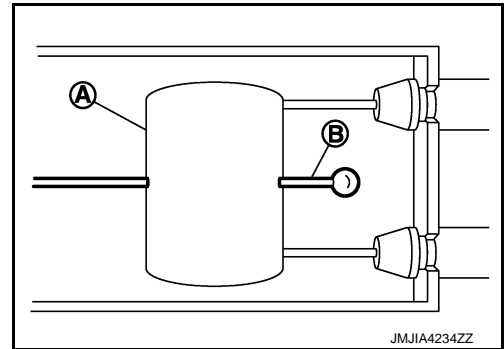
- Fit 3rd groove from the top end of adjusting plastic portion (A) to the end of groove.
- Check that ball of wire for end is only visible from sponge portion in branch portion of seat cushion control wire.



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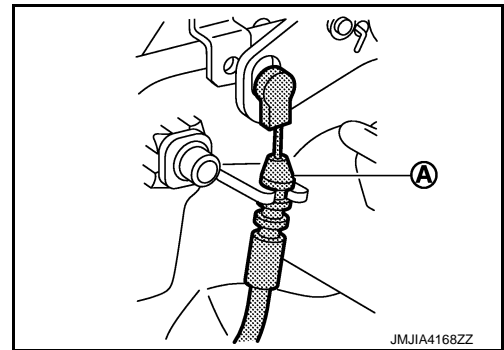
Status B

- The wire (B) is visible from sponge (A) portion. Adjust in accordance with the following procedures.



E
F
G
H

- Fit 1st groove from the top end of adjusting portion (A) to the end of groove.
- Check that wire is not visible from sponge portion in branch portion of seat cushion control wire.



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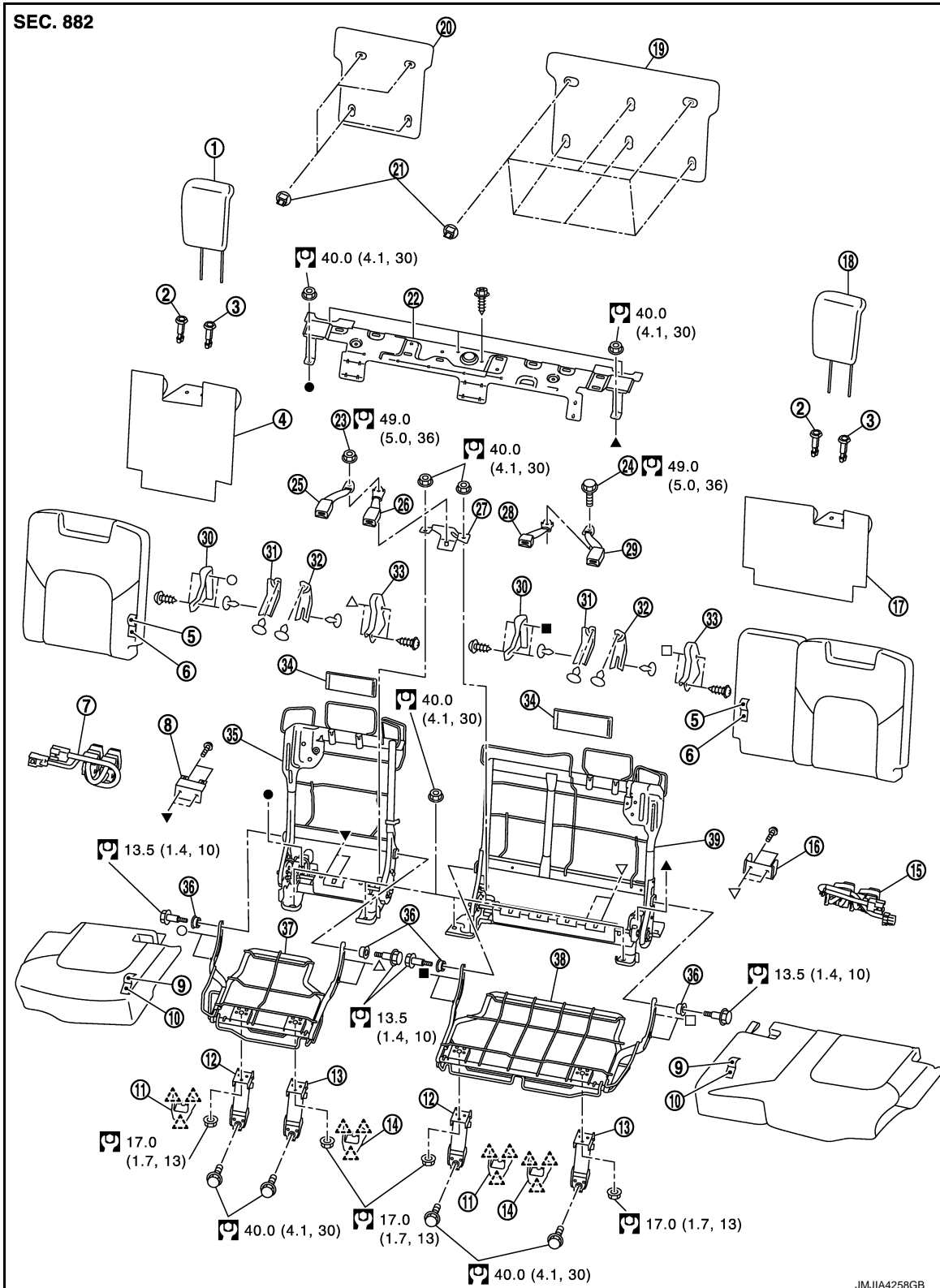
THIRD SEAT

< REMOVAL AND INSTALLATION >

THIRD SEAT

Exploded View

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


- | | | |
|-------------------------|-----------------------------|-----------------------------|
| 1. Headrest RH | 2. Headrest holder (free) | 3. Headrest holder (locked) |
| 4. Seatback silencer RH | 5. Seatback trim | 6. Seatback pad |
| 7. Seat harness RH | 8. Seat bracket assembly RH | 9. Seat cushion trim |

THIRD SEAT

< REMOVAL AND INSTALLATION >

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|---------------------------------|---------------------------------|----------------------------|
| 10. Seat cushion pad | 11. Leg cover RH | 12. Seat hinge assembly RH |
| 13. Seat hinge assembly LH | 14. Leg cover LH | 15. Seat harness LH |
| 16. Seat bracket assembly LH | 17. Seatback silencer LH | 18. Headrest LH |
| 19. Seatback board LH | 20. Seatback board RH | 21. Seatback board clip |
| 22. Luggage floor bracket | 23. Seat belt anchor nut | 24. Seat belt anchor bolt |
| 25. Seat belt buckle RH | 26. Seat belt buckle (center) | 27. Seat belt anchor plate |
| 28. Seat belt connector buckle | 29. Seat belt buckle LH | 30. Hinge cover RH |
| 31. Seatback inner arm cover RH | 32. Seatback inner arm cover LH | 33. Hinge cover LH |
| 34. Seatback support | 35. Seatback frame RH | 36. Bush |
| 37. Seat cushion frame RH | 38. Seat cushion frame LH | 39. Seatback frame LH |

 : Pawl

Refer to [GI-4, "Components"](#) for symbols in the figure.

Removal and Installation


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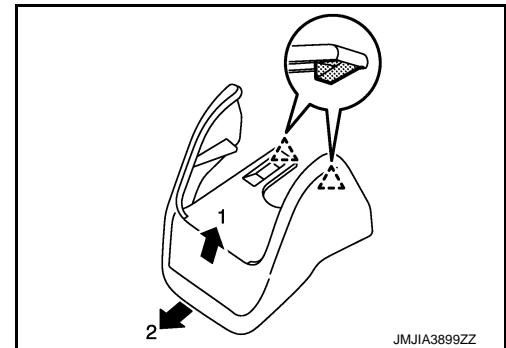
REMOVAL

CAUTION:

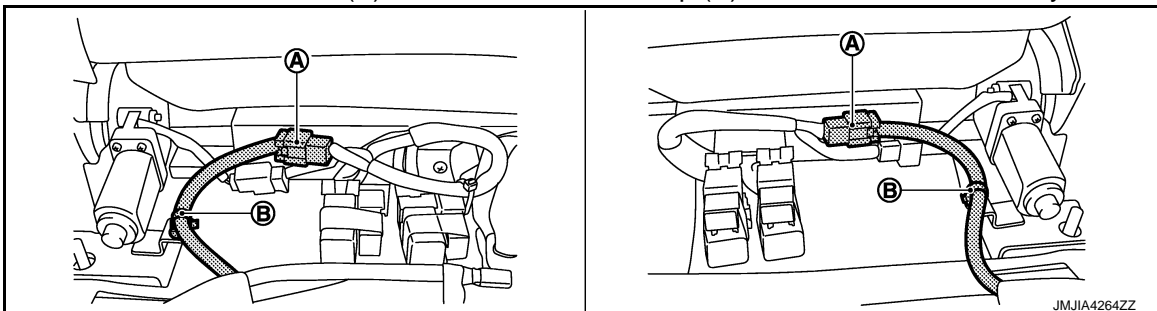
When removing and installing, use shop cloths to protect parts from damage.

- Remove the headrest.
- Remove the leg cover.
 - Pull up the front edge of the leg cover to release the pawls.
 - Slide the leg cover forward to release the pawls.

 : Pawl



- Remove the mounting bolts on the front side of the third seat.
- Operate fold down switch or reclining switch, and fold down seatback LH and RH.
- Remove the luggage floor bracket.
 - Remove the luggage floor rear board. Refer to [INT-34, "LUGGAGE FLOOR REAR BOARD : Removal and Installation"](#).
 - Remove the mounting nuts and screws of the luggage floor bracket.
- Disconnect harness connector (A) and remove harness clip (B) of seat harness assembly.



- Remove the seat belt anchor plate.
- Remove the mounting nuts on the rear side of the third seat.
- Remove the third seat assembly from vehicle.

CAUTION:

When removing and installing, use shop cloths to protect parts from damage.

INSTALLATION

THIRD SEAT

< REMOVAL AND INSTALLATION >

Install in the reverse order of removal.

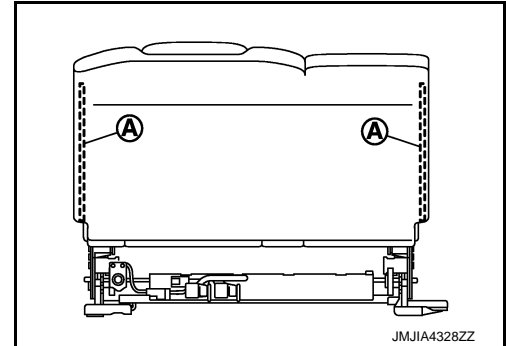
Disassembly and Assembly

INFOID:000000009011826

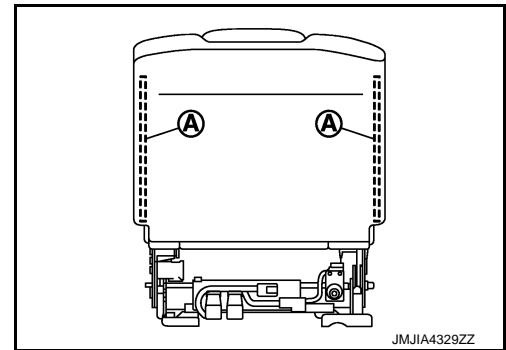
SEATBACK

Disassembly

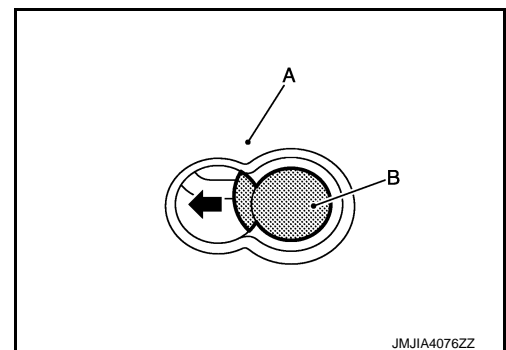
1. Remove the hinge cover.
 1. Remove the seat cushion trim and seat cushion pad from seat cushion frame.
 2. Remove the fixing screws, and then remove the hinge cover.
2. Remove the mounting bolts, and then remove the seatback assembly.
3. Open fastener (A) of seatback trim.
 - LH side



- RH side



4. Remove clips that retain seatback board and seatback trim.
5. Remove the seatback board and the clips.
 1. Slide and align the clips (B) to the holes on the seatback board (A) as shown in the figure, and then remove the seatback board (A).



2. Remove the clips after removing the seatback board.
6. Remove the seatback trim and seatback pad.

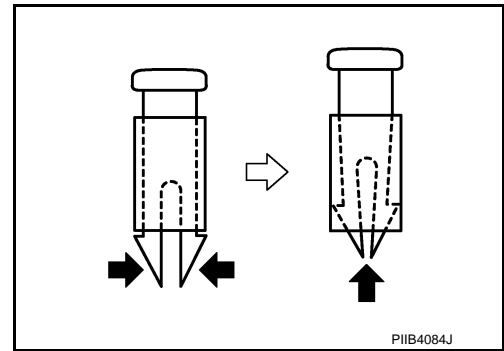
THIRD SEAT

< REMOVAL AND INSTALLATION >

1. Remove the headrest holder.

CAUTION:

**Before installing headrest holder check its orientation.
(front/rear and right/left)**



2. Remove the seatback trim and pad from seatback frame.
3. Remove the hog rings to separate the seatback trim and seatback pad.
7. Remove the seatback silencer.
8. Remove the seatback inner arm cover (RH and LH).

Assembly

Assemble in the reverse order of disassembly.

CAUTION:

- Install the hog rings of seatback trim in position, and then securely connect the trim or trim cord with the seatback frame.
- When installing wire, be careful that it is not slackened.

SEAT CUSHION

Disassembly

1. Remove the seat cushion trim and seat cushion pad.
 1. Remove the seat cushion retainer.
 2. Remove the seat cushion trim and seat cushion pad from seat cushion frame.
 3. Remove the hog rings to separate the seatback trim and seatback pad.
2. Remove the hinge cover.

Remove the fixing screws, and then remove the hinge cover.
3. Remove the mounting bolts, and then remove the seat cushion assembly.
4. Remove the mounting nuts, and then remove the seat hinge assembly.

Assembly

Assemble in the reverse order of disassembly.

CAUTION:

Install the hog rings of seat cushion trim in position, and then securely connect the trim or trim cord with the seat cushion pad wire.

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

POWER SEAT SWITCH

< REMOVAL AND INSTALLATION >

POWER SEAT SWITCH

Removal and Installation

INFOID:000000009011827

REMOVAL

CAUTION:

When removing and installing, use shop cloths to protect parts from damage.

1. Remove the seat. Refer to [SE-113, "Removal and Installation"](#).
2. Remove the seat cushion outer finisher.
3. Disconnect power seat switch connector.
4. Remove the screws.
5. Remove the power seat switch from the seat.

INSTALLATION

Install in the reverse order of removal.

SECOND SEAT POWER UNLOCK SWITCH

< REMOVAL AND INSTALLATION >

SECOND SEAT POWER UNLOCK SWITCH

Removal and Installation

INFOID:000000009011828

REMOVAL

CAUTION:

When removing and installing, use shop cloths to protect from damage.

1. Remove cluster lid C lower. Refer to [JP-14, "Removal and Installation"](#).
2. Remove second seat power unlock switch from cluster lid C lower using flat-bladed screwdriver.

INSTALLATION

Install in the reverse order of removal.

A
B
C
D
E
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M
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P

SE

THIRD SEAT RECLINING SWITCH

< REMOVAL AND INSTALLATION >

THIRD SEAT RECLINING SWITCH

Removal and Installation

INFOID:000000009011829

REMOVAL

CAUTION:

When removing and installing, use shop cloths to protect from damage.

1. Remove luggage side lower finisher. Refer to [INT-36. "LUGGAGE SIDE LOWER FINISHER : Removal and Installation"](#).
2. Remove third seat reclining switch from luggage side lower finisher using flat-bladed screwdriver.

INSTALLATION

Install in the reverse order of removal.

THIRD SEAT FOLD DOWN SWITCH

< REMOVAL AND INSTALLATION >

THIRD SEAT FOLD DOWN SWITCH

Removal and Installation

INFOID:000000009011830

REMOVAL

CAUTION:

When removing and installing, use shop cloths to protect from damage.

1. Remove luggage side lower finisher. Refer to [INT-36, "LUGGAGE SIDE LOWER FINISHER : Removal and Installation"](#).
2. Remove third seat fold down switch from luggage side lower finisher using flat-bladed screwdriver.

INSTALLATION

Install in the reverse order of removal.

A
B
C
D
E
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L
M
N
O
P

SE

FRONT HEATED SEAT SWITCH

< REMOVAL AND INSTALLATION >

FRONT HEATED SEAT SWITCH

Removal and Installation

INFOID:000000009011831

REMOVAL

CAUTION:

When removing and installing, use shop cloths to protect from damage.

1. Remove cluster lid C lower. Refer to [JP-14. "Removal and Installation"](#).
2. Remove front heated seat switch from cluster lid C lower using flat-bladed screwdriver.

INSTALLATION

Install in the reverse order of removal.

SECOND HEATED SEAT SWITCH

< REMOVAL AND INSTALLATION >

SECOND HEATED SEAT SWITCH

Removal and Installation

INFOID:000000009011832

REMOVAL

CAUTION:

When removing and installing, use shop cloths to protect from damage.

1. Remove console rear finisher. Refer to [JP-25, "Removal and Installation"](#).
2. Remove second heated seat switch from console rear finisher using flat-bladed screwdriver.

INSTALLATION

Install in the reverse order of removal.

A

B

C

D

E

F

G

H

I

SE

K

L

M

N

O

P

CLIMATE CONTROLLED SEAT SWITCH

< REMOVAL AND INSTALLATION >

CLIMATE CONTROLLED SEAT SWITCH

Removal and Installation

INFOID:000000009011833

REMOVAL

CAUTION:

When removing and installing, use shop cloths to protect parts from damage.

1. Remove the cluster lid C lower. Refer to [JP-14, "Removal and Installation"](#).
2. Remove climate controlled seat switch from cluster lid C lower using flat-bladed screwdriver.

INSTALLATION

Install in the reverse order of removal.

CLIMATE CONTROLLED SEAT BLOWER FILTER

< REMOVAL AND INSTALLATION >

CLIMATE CONTROLLED SEAT BLOWER FILTER

SEAT CUSHION

SEAT CUSHION : Removal and Installation

INFOID:000000009011834

REMOVAL

CAUTION:

When removing and installing, use shop cloths to protect parts from damage.

1. Remove the seat.
2. Turn blower filter counter counterclockwise and remove it from climate controlled seat cushion blower motor.

INSTALLATION

Install in the reverse order of removal.

SEATBACK

SEATBACK : Removal and Installation

INFOID:000000009011835

REMOVAL

CAUTION:

When removing and installing, use shop cloths to protect parts from damage.

1. Remove the seatback board.
2. Turn blower filter counter counterclockwise and remove it from climate controlled seat blower motor.

INSTALLATION

Install in the reverse order of removal.

A

B

C

D

E

F

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SE

K

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M

N

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