

SECTION SE SEAT

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PRECAUTIONS

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PRECAUTION

PRECAUTIONS

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

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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 SR and SB section of this Service Manual.

WARNING:

- To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, it is recommended that all maintenance and repair be performed by an authorized NISSAN/INFINITI dealer.
- Improper repair, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see the SR section.
- Do not use electrical test equipment on any circuit related to the SRS unless instructed to in this Service Manual. SRS wiring harnesses can be identified by yellow and/or orange harnesses or harness connectors.

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

WARNING:

- When working near the Air Bag Diagnosis Sensor Unit or other Air Bag System sensors with the Ignition ON or engine running, DO NOT use air or electric power tools or strike near the sensor(s) with a hammer. Heavy vibration could activate the sensor(s) and deploy the air bag(s), possibly causing serious injury.
- When using air or electric power tools or hammers, always switch the Ignition OFF, disconnect the battery or batteries, and wait at least three minutes before performing any service.

Precaution for Work

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- When removing or disassembling each component, be careful not to damage or deform it. If a component may be subject to interference, be sure to protect it with a shop cloth.
- When removing (disengaging) components with a screwdriver or similar tool, be sure to wrap the component with a shop cloth or vinyl tape to protect it.
- Protect the removed parts with a shop cloth and prevent them from being dropped.
- Replace a deformed or damaged clip.
- If a part is specified as a non-reusable part, always replace it with a new one.
- Be sure to tighten bolts and nuts securely to the specified torque.
- After installation is complete, be sure to check that each part works properly.
- Follow the steps below to clean components:
 - Water soluble dirt:
 - Dip a soft cloth into lukewarm water, wring the water out of the cloth and wipe the dirty area.
 - Then rub with a soft, dry cloth.
 - Oily dirt:
 - Dip a soft cloth into lukewarm water with mild detergent (concentration: within 2 to 3%) and wipe the dirty area.
 - Then dip a cloth into fresh water, wring the water out of the cloth and wipe the detergent off.
 - Then rub with a soft, dry cloth.
 - Do not use organic solvent such as thinner, benzene, alcohol or gasoline.
 - For genuine leather seats, use a genuine leather seat cleaner.

PREPARATION

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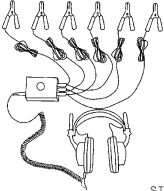

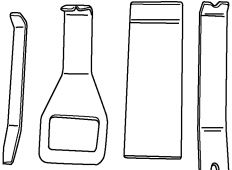
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PREPARATION

Special Service Tool

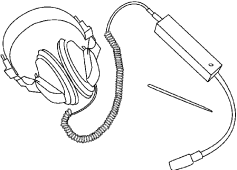
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The actual shape of the tools may differ from those illustrated here.

Tool number (TechMate No.) Tool name	Description
— (J-39570) Chassis Ear	Locating the noise
 SIIA0993E	
— (J-50397) NISSAN Squeak and Rattle Kit	Repairing the cause of noise
 ALJIA1232ZZ	
— (J-46534) Trim Tool Set	Removing trim components
 AWJIA0483ZZ	

Commercial Service Tool

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(TechMate No.) Tool name	Description
(J-39565) Engine Ear	Locating the noise
 SIIA0995E	

CLIP LIST


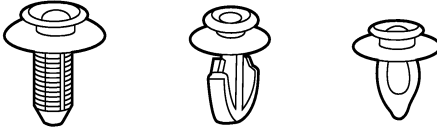


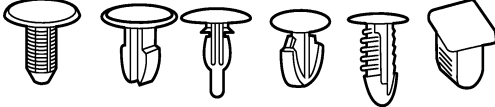
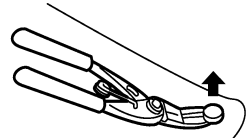

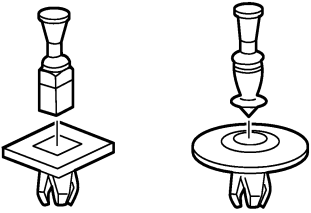
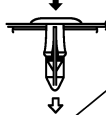
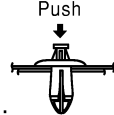

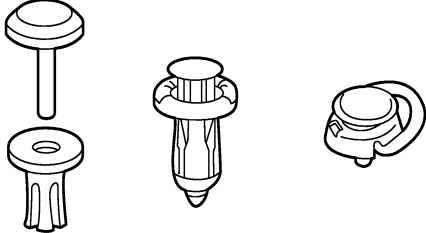


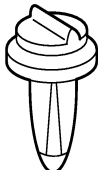
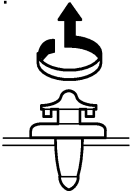
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Descriptions for Clips

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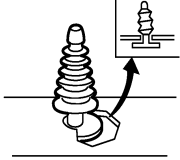
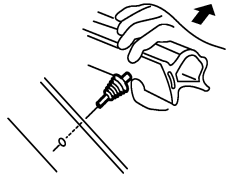

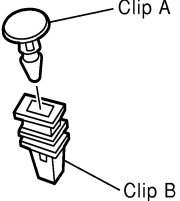
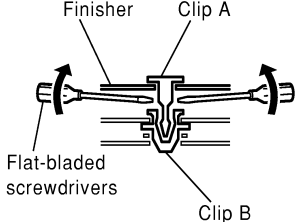

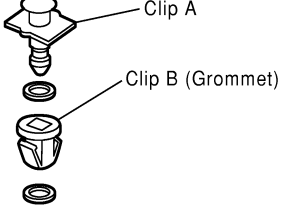
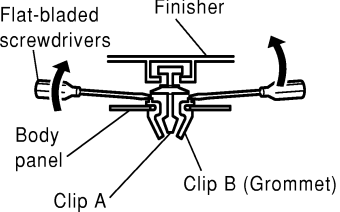


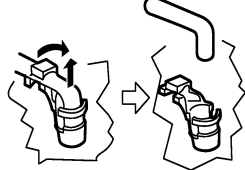

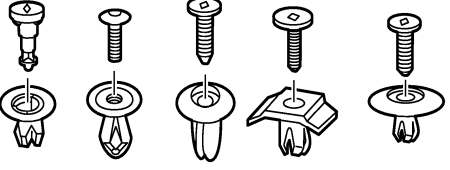

Replace any clips which are damaged during removal or installation.

Symbol No.	Shapes	Removal & Installation
C101 		Removal: Remove by bending up with flat-bladed screwdrivers or clip remover. 
C103 		 Removal: Remove with a clip remover.
C203 		Removal: Push center pin to catching position. (Do not remove center pin by hitting it.) Push  Installation: Push 
C205 		Removal: Flat-bladed screwdriver  Clip Finisher
C206 		Removal: 

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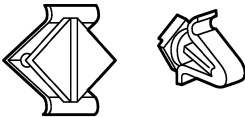

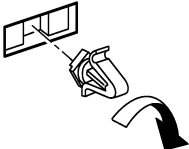

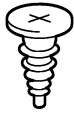



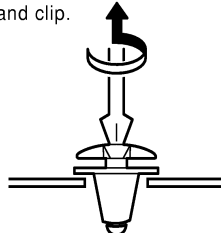


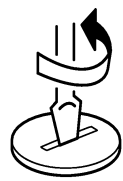
Symbol No.	Shapes	Removal & Installation
CE103 		Removal: 
CF110 		Removal: 
CF118 		Removal: 
CR103 		Removal: Holder portion of clip must be spread out to remove rod. 
CS101 		Removal: 1. Screw out with a Phillips screwdriver. 2. Remove female portion with flat-bladed screwdriver. 

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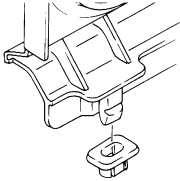
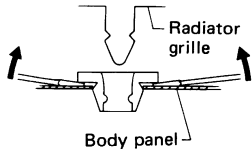
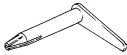
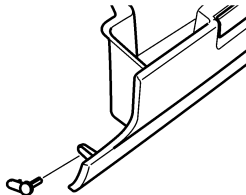
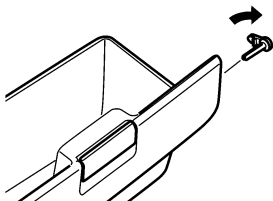

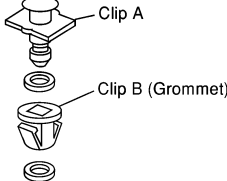
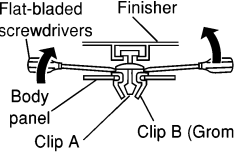
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Symbol No.	Shapes	Removal & Installation	
CG101 		Removal:  Rotate 45° to remove	Installation: 
CS102 			
CS113 		Removal: Disconnect upper connection of clip with a flat-bladed screwdriver, then remove clip while inserting a flat-bladed screwdriver between body panel and clip. 	
C111 			

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Symbol No.	Shapes	Removal & Installation
CG104 		Removal: Remove by bending up with flat-bladed screwdrivers. 
CE114 		
CF118 		Removal: Flat-bladed screwdrivers 

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COMPONENT PARTS

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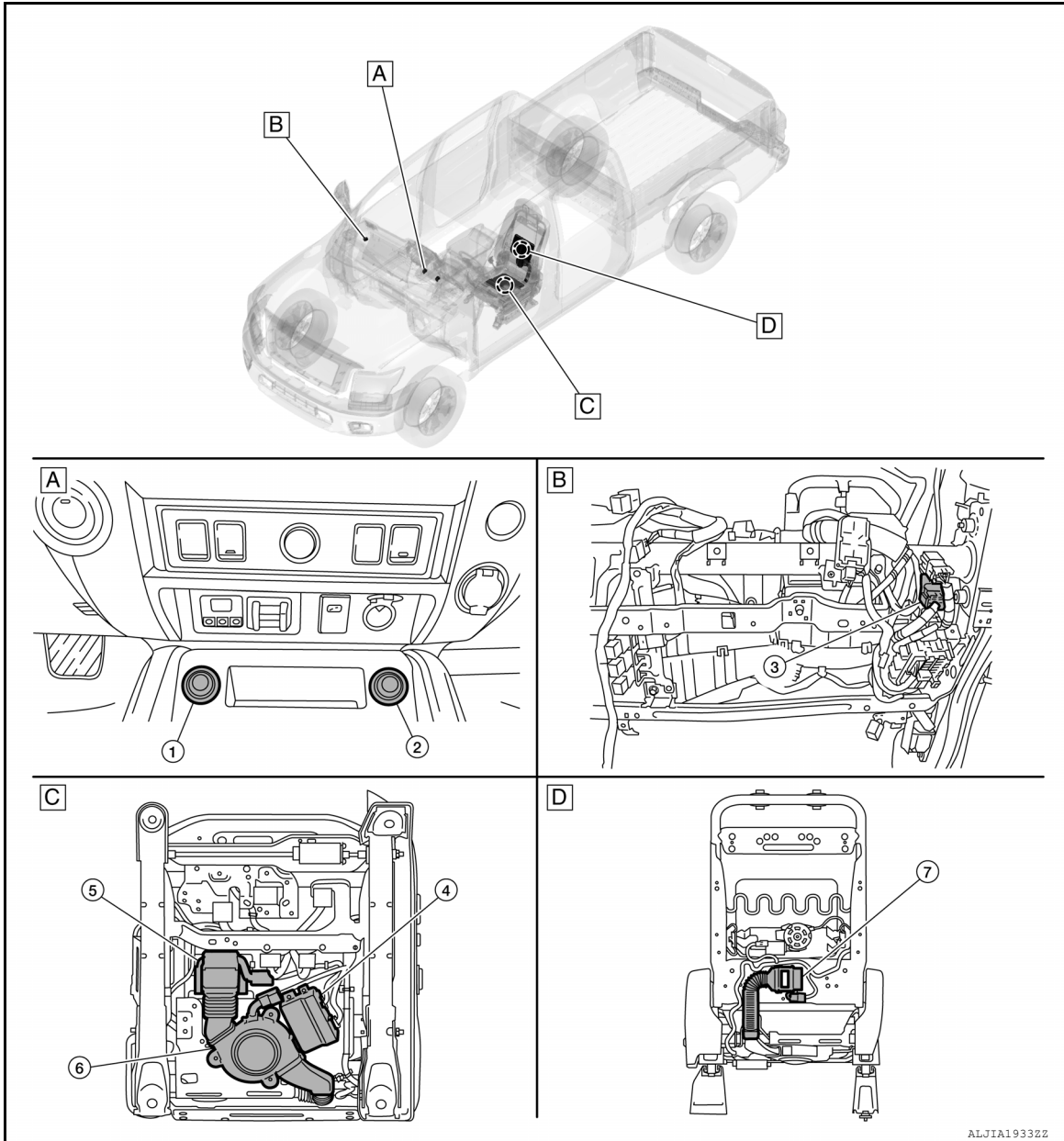
SYSTEM DESCRIPTION

COMPONENT PARTS

CLIMATE CONTROLLED SEAT SYSTEM

CLIMATE CONTROLLED SEAT SYSTEM : Component Parts Location

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- A. Front of center console
- B. Instrument panel RH (view with instrument panel removed)
- C. Driver seat bottom (view with seat removed)
- D. Driver seat back (view with seat removed)

No.	Component	Function
1.	Climate controlled seat switch LH	Refer to SE-11, "CLIMATE CONTROLLED SEAT SYSTEM : Climate Controlled Seat Switch" .
2.	Climate controlled seat switch RH	

COMPONENT PARTS

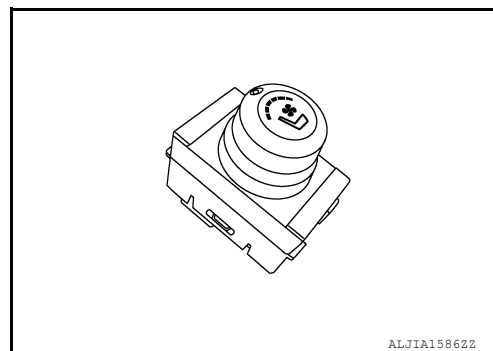
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No.	Component	Function
3.	Climate controlled seat relay	Supplies power to the climate controlled seat control unit in accordance with the ignition switch position that is ON or OFF.
4.	Climate controlled seat control unit	Refer to SE-12, "CLIMATE CONTROLLED SEAT SYSTEM : Climate Controlled Seat Control Unit" .
5.	Seat cushion thermal electric device	Refer to SE-11, "CLIMATE CONTROLLED SEAT SYSTEM : Seat Cushion Thermal Electric Device" .
6.	Climate controlled seat blower motor	Refer to SE-12, "CLIMATE CONTROLLED SEAT SYSTEM : Climate Controlled Seat Blower Motor" .
7.	Seatback thermal electric device	Refer to SE-11, "CLIMATE CONTROLLED SEAT SYSTEM : Seat Back Thermal Electric Device" .

CLIMATE CONTROLLED SEAT SYSTEM : Climate Controlled Seat Switch

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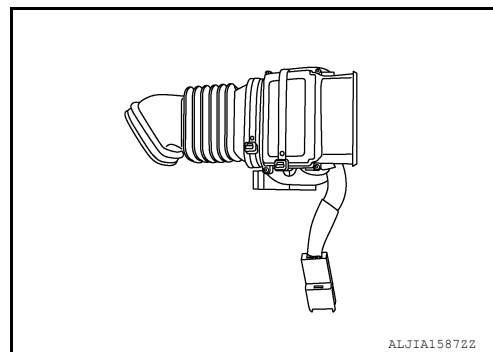
Installed in the center console and transmits signals to climate controlled seat control unit in accordance with the HEAT (heated airflow) or COOL (cooled airflow) switch operation and the temperature switch operation.



CLIMATE CONTROLLED SEAT SYSTEM : Seat Cushion Thermal Electric Device

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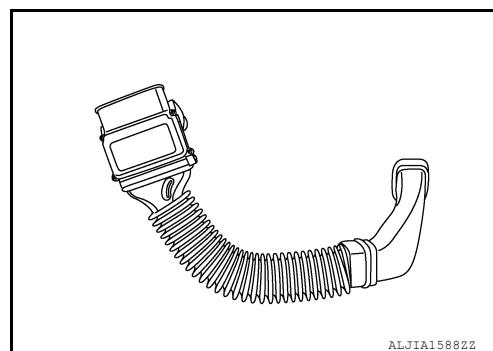
Installed in the seat cushion and heats or cools the airflow from the climate controlled seat blower motor in accordance with the control from the climate controlled seat control unit.



CLIMATE CONTROLLED SEAT SYSTEM : Seat Back Thermal Electric Device

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Installed in the seatback 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.



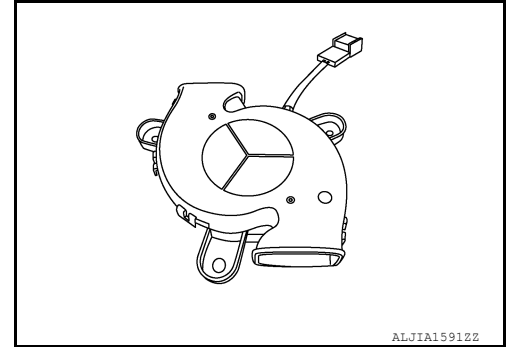
COMPONENT PARTS

< SYSTEM DESCRIPTION >

CLIMATE CONTROLLED SEAT SYSTEM : Climate Controlled Seat Blower Motor

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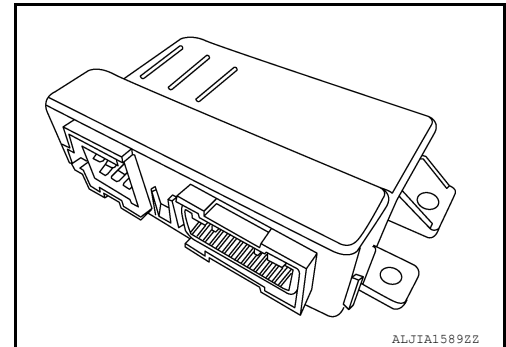
Installed in the seat cushion and sends the airflow to the seatback thermal electric device and seat cushion thermal electric device in accordance with the control from the climate controlled seat control unit.



CLIMATE CONTROLLED SEAT SYSTEM : Climate Controlled Seat Control Unit

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Installed in the seat cushion and controls the climate controlled seat blower motor, seatback thermal electric device, and seat cushion thermal electric device in accordance with the input signal.



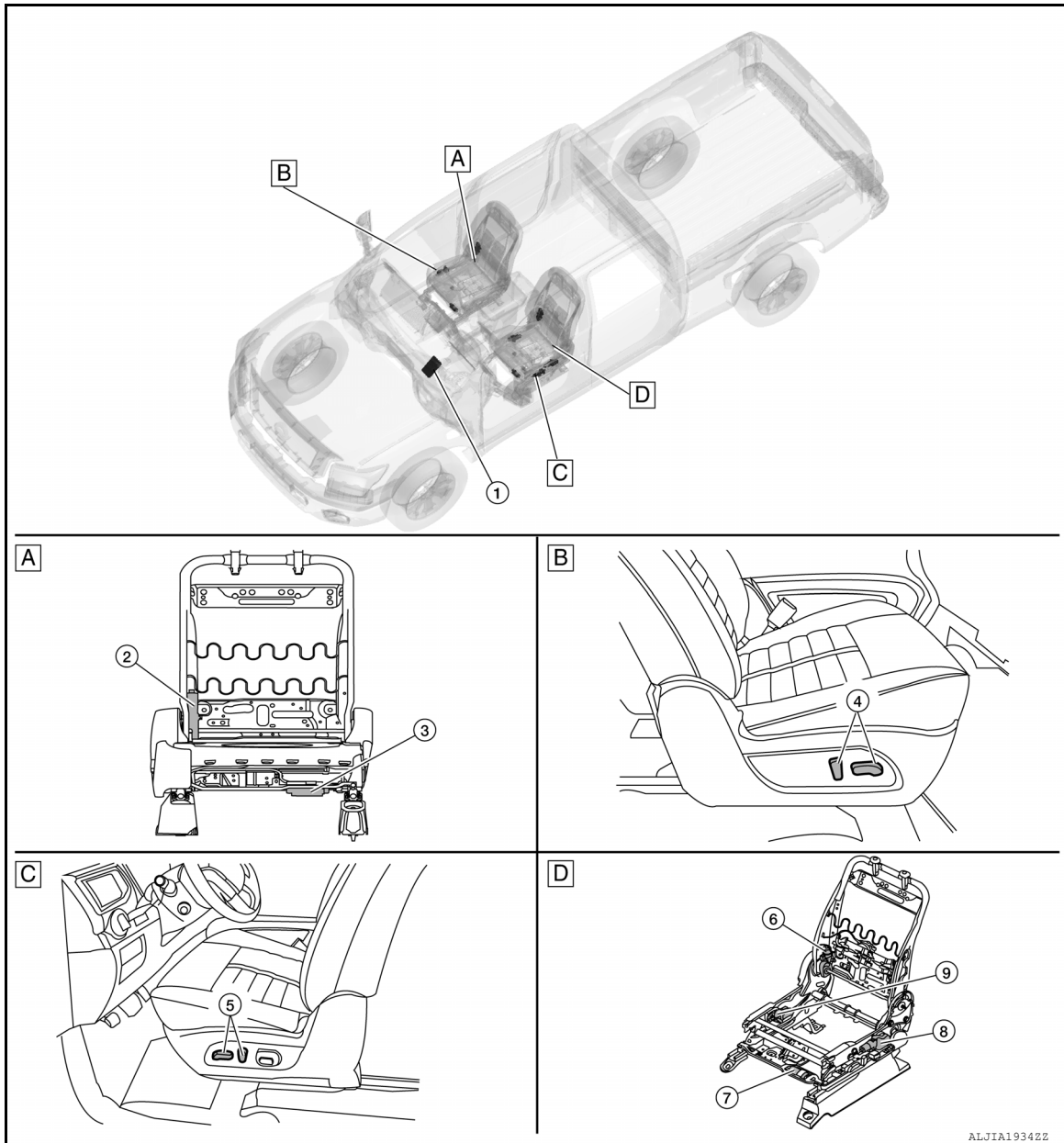
POWER SEAT SYSTEM

COMPONENT PARTS

< SYSTEM DESCRIPTION >

POWER SEAT SYSTEM : Component Parts Location

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- A. Passenger seat (view with seat removed) B. RH side of passenger seat C. LH side of driver seat
D. Driver seat (view with seat removed)

No.	Component	Function
1.	BCM	Supplies the power received from battery to power seat switch.
2.	Reclining motor RH	Refer to SE-14, "POWER SEAT SYSTEM : Reclining Motor" .
3.	Sliding motor RH	Refer to SE-14, "POWER SEAT SYSTEM : Sliding Motor" .
4.	Power seat switch RH	Refer to SE-14, "POWER SEAT SYSTEM : Power Seat Switch" .
5.	Power seat switch LH	Refer to SE-14, "POWER SEAT SYSTEM : Power Seat Switch" .
6.	Reclining motor LH	Refer to SE-14, "POWER SEAT SYSTEM : Reclining Motor" .
7.	Sliding motor LH	Refer to SE-14, "POWER SEAT SYSTEM : Sliding Motor" .

COMPONENT PARTS

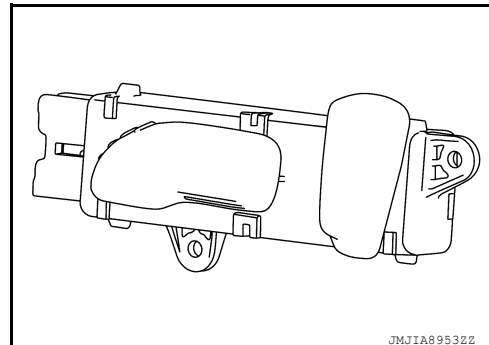
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No.	Component	Function
8	Lifting motor LH (rear)	Refer to SE-14, "POWER SEAT SYSTEM : Lifting Motor" .
9.	Lifting motor LH (front)	Refer to SE-14, "POWER SEAT SYSTEM : Lifting Motor" .

POWER SEAT SYSTEM : Power Seat Switch

INFOID:0000000014391792

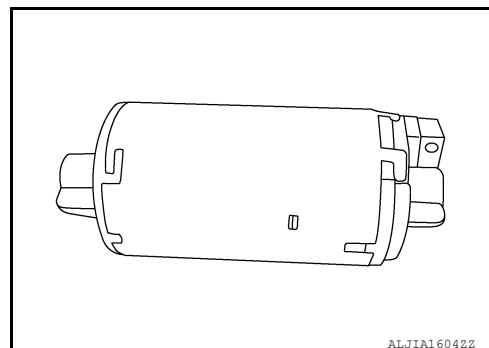
- Built-in reclining switch, sliding switch and lifting switch, controls the power supplied to each motor.
- Installed on seat cushion outer finisher.



POWER SEAT SYSTEM : Sliding Motor

INFOID:0000000014391793

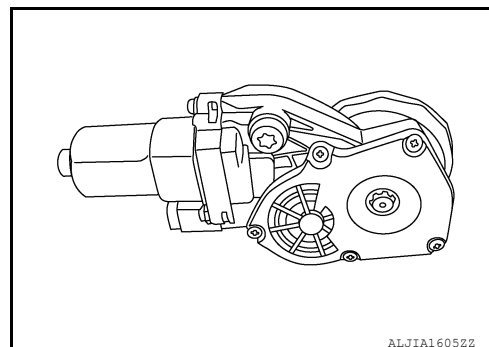
- Sliding motor is installed to the seat frame assembly.
- Slides the seat forward/backward by changing the rotation direction of sliding motor.



POWER SEAT SYSTEM : Lifting Motor

INFOID:0000000014391794

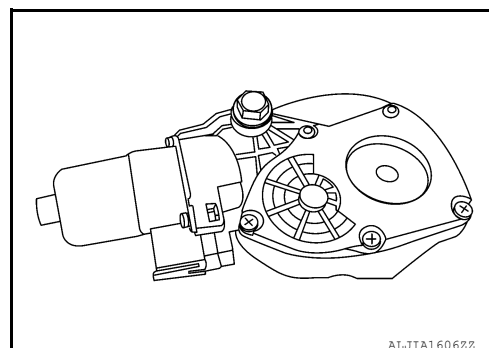
- Lifting motor is installed to seat frame assembly.
- Lifting motor is moved upward/downward by changing the rotation direction of lifting motor (front).



POWER SEAT SYSTEM : Reclining Motor

INFOID:0000000014391795

- Reclining motor is installed to seat frame assembly.
- Seatback is reclined forward/backward by changing the rotation direction of reclining motor.



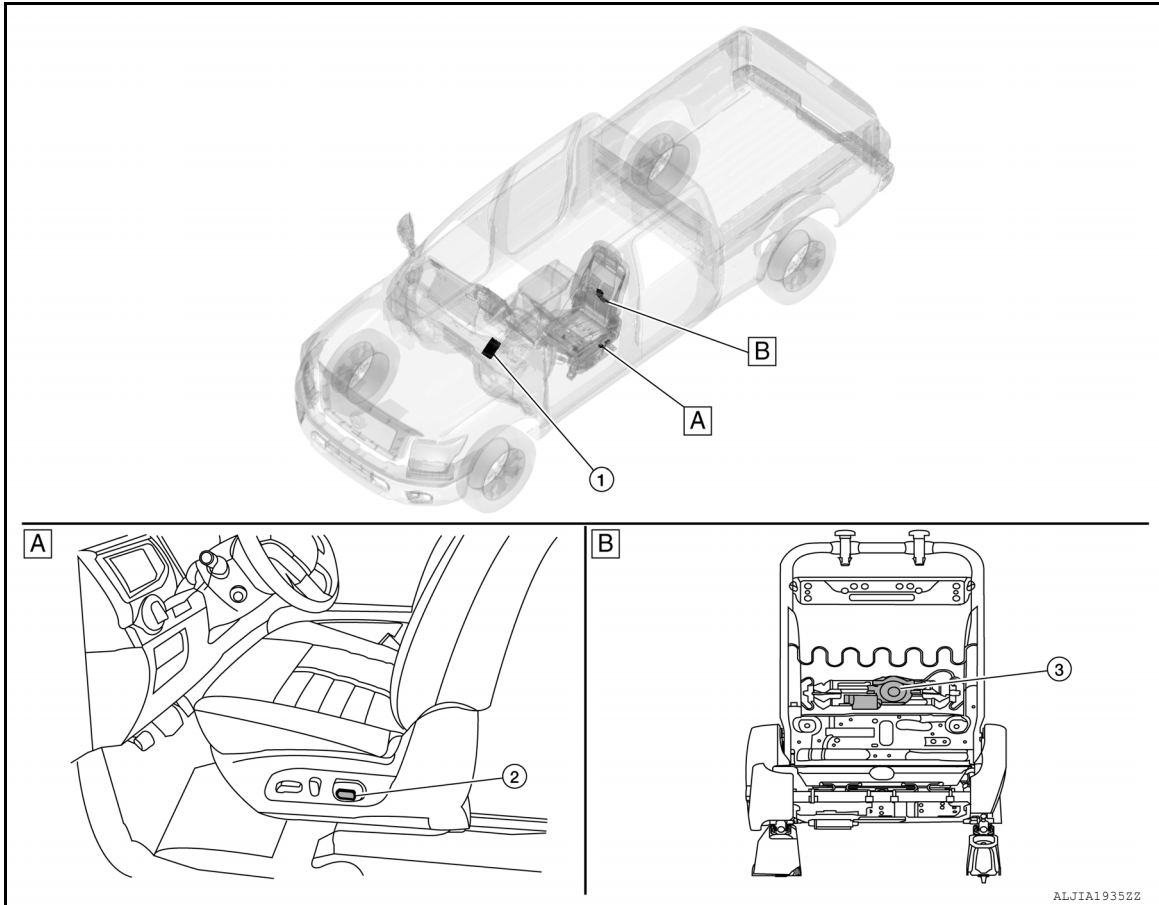
COMPONENT PARTS

< SYSTEM DESCRIPTION >

LUMBAR SUPPORT SYSTEM

LUMBAR SUPPORT SYSTEM : Component Parts Location

INFOID:0000000014391796



A. LH side of driver seat

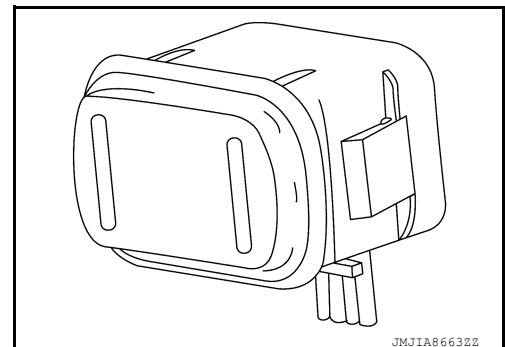
B. Back side of driver seat (view with seat removed)

No.	Component	Function
1.	BCM	Supplies power from battery to lumbar support switch (without automatic drive positioner).
2.	Lumbar support switch	Refer to SE-15, "LUMBAR SUPPORT SYSTEM : Lumbar Support Switch" .
3.	Lumbar support motor	Refer to SE-16, "LUMBAR SUPPORT SYSTEM : Lumbar Support Motor" .

LUMBAR SUPPORT SYSTEM : Lumbar Support Switch

INFOID:0000000014391797

- Controls the power supplied to lumbar support motor.
- Installed on seat cushion outer finisher (driver side).



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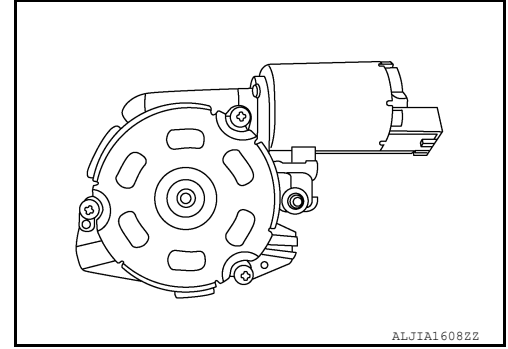
COMPONENT PARTS

< SYSTEM DESCRIPTION >

LUMBAR SUPPORT SYSTEM : Lumbar Support Motor

INFOID:0000000014391798

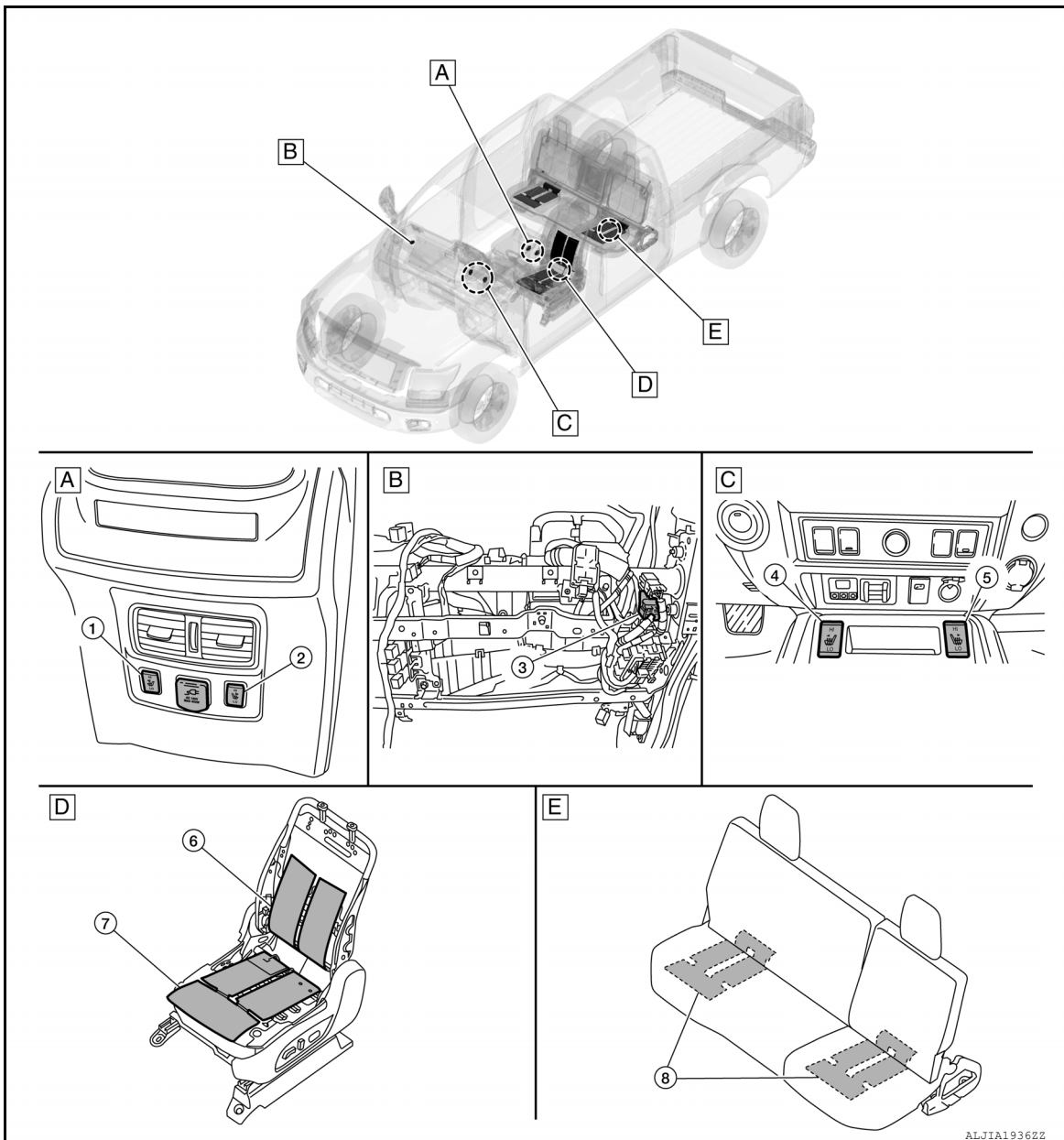
With power supplied to lumbar support switch, the lumbar support motor operates the forward and backward movement of seatback support.



HEATED SEAT SYSTEM

HEATED SEAT SYSTEM : Component Parts Location

INFOID:0000000014391799



COMPONENT PARTS

< SYSTEM DESCRIPTION >

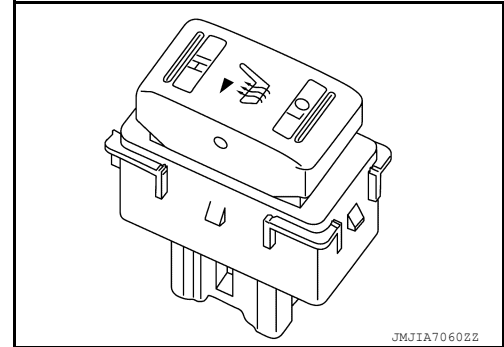
- A. Rear of center console B. Instrument panel RH (view with instrument panel removed) C. Front of center console
- D. Front seat (view with seat removed) E. Rear seats (view with seats removed)

No.	Component	Function
1.	Rear heated seat switch LH	Refer to SE-17, "HEATED SEAT SYSTEM : Rear Heated Seat Switch" .
2.	Rear heated seat switch RH	
3.	Heated seat relay	Supplies power to the front heated seat switches in accordance with the ignition switch position that is ON or OFF.
4.	Front heated seat switch LH	Refer to SE-17, "HEATED SEAT SYSTEM : Front Heated Seat Switch" .
5.	Front heated seat switch RH	
6.	Seat heater (back)	Refer to SE-17, "HEATED SEAT SYSTEM : Front Seat Heater" .
7.	Seat heater (cushion)	
8.	Rear seat heater	Refer to SE-18, "HEATED SEAT SYSTEM : Rear Seat Heater" .

HEATED SEAT SYSTEM : Front Heated Seat Switch

INFOID:0000000014391800

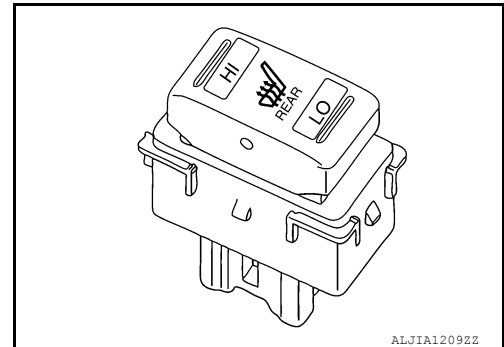
Front heated seat switch changes ON/OFF operation and HIGH/LOW operation, and supplies power source to front heated seats.



HEATED SEAT SYSTEM : Rear Heated Seat Switch

INFOID:0000000014391801

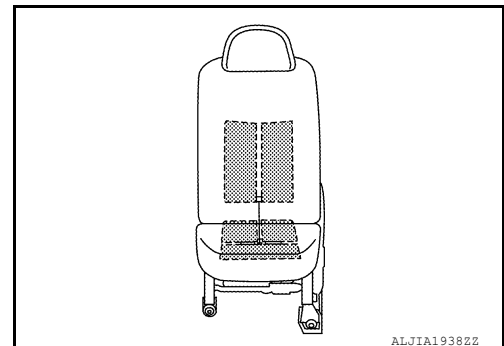
Rear heated seat switch changes ON/OFF operation and HIGH/LOW operation, and supplies power source to rear heated seats.



HEATED SEAT SYSTEM : Front Seat Heater

INFOID:0000000014391802

Front seat heater is located inside front heated seat cushion and seat back, and operates with power source provided via front heated seat switch.



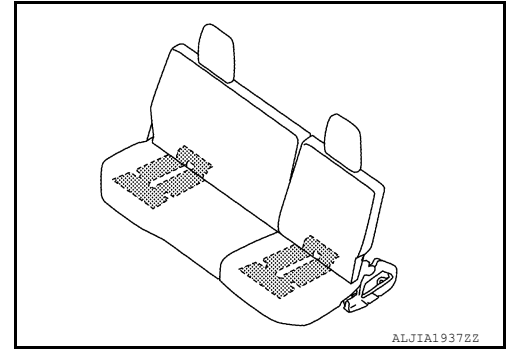
COMPONENT PARTS

< SYSTEM DESCRIPTION >

HEATED SEAT SYSTEM : Rear Seat Heater

INFOID:0000000014391803

Rear seat heater is located inside of rear heated seat cushion, and operates with power source provided via rear heated seat switch.



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SYSTEM

< SYSTEM DESCRIPTION >

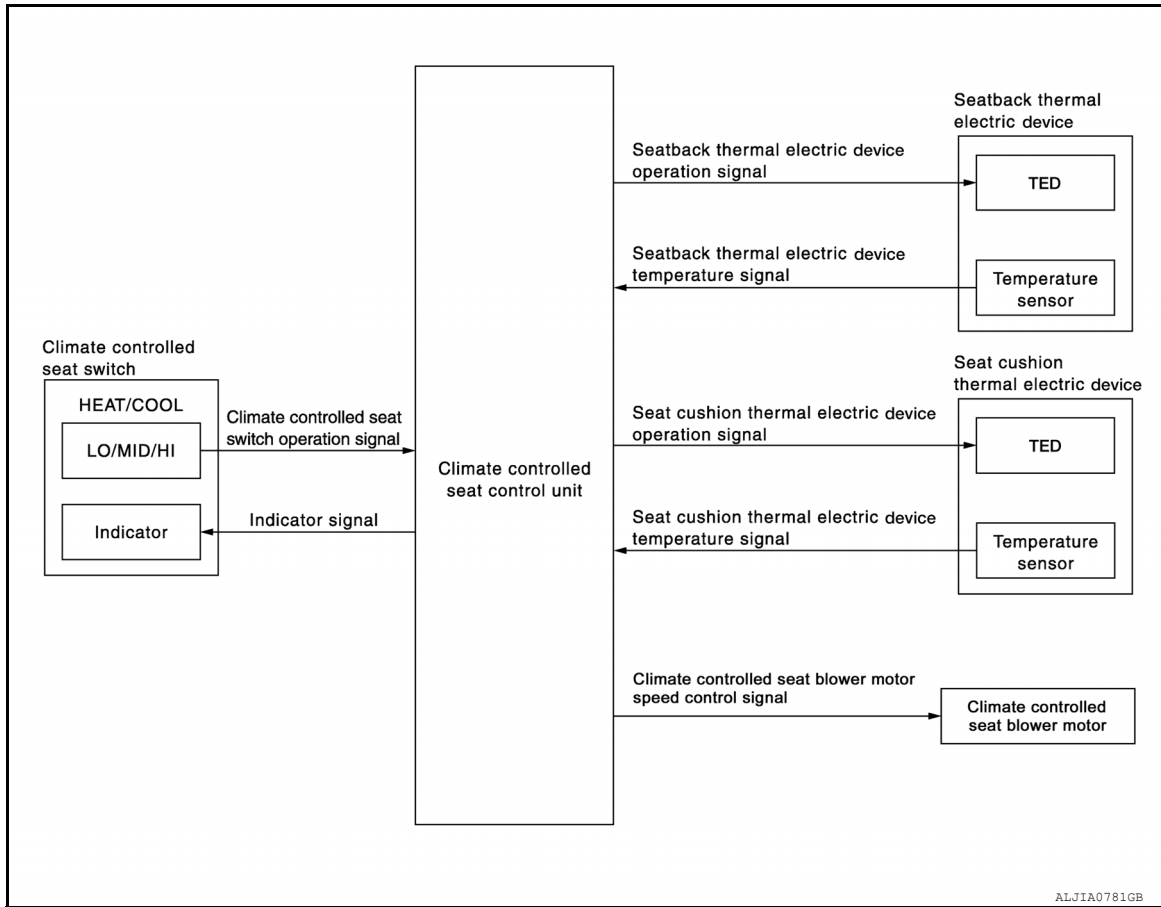
SYSTEM

CLIMATE CONTROLLED SEAT SYSTEM

CLIMATE CONTROLLED SEAT SYSTEM : System Description

INFOID:0000000014391804

SYSTEM DIAGRAM



DESCRIPTION

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

SEAT CUSHION AND SEATBACK TEMPERATURE ADJUSTMENT FUNCTION

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

NOTE:

The climate controlled seat blower motor maintains low speed for approximately 60 seconds after turning the climate controlled seat switch off.

CAUTION:

- The thermal electric device 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 work, always turn OFF the switch and check that the thermal electric device is cold.

FAIL-SAFE

The fail-safe function is adopted for the climate controlled seat control unit. Refer to [SE-22. "Fail-safe"](#).

POWER SEAT SYSTEM

SYSTEM

< SYSTEM DESCRIPTION >

POWER SEAT SYSTEM : System Description

INFOID:0000000014391805

DESCRIPTION

Power seat 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:0000000014391806

DESCRIPTION

- Lumbar support can operate 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.

HEATED SEAT SYSTEM

HEATED SEAT SYSTEM : System Description

INFOID:0000000014391807

DESCRIPTION

- Heated seat system is activated by heated seat switch while ignition switch is ON, and has the function to warm seat cushion and seatback.

CLIMATE CONTROLLED SEAT CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

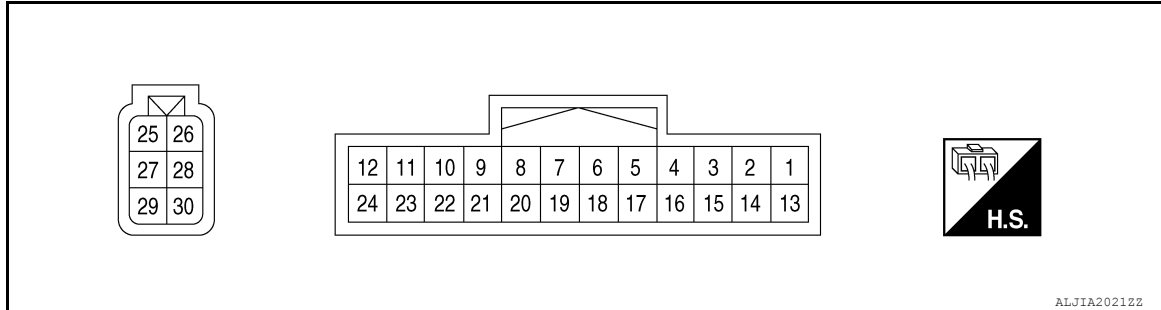
ECU DIAGNOSIS INFORMATION

CLIMATE CONTROLLED SEAT CONTROL UNIT

Reference Value

INFOID:0000000014391808

TERMINAL LAYOUT



PHYSICAL VALUES

Terminal (Wire color)	Item	Signal Input/ Output	Condition			Voltage (Approx.)
2 (BR)	Seat cushion thermal electric device sensor ground	—	Ignition switch ON			0V
3 (L)	Seatback thermal electric device sensor signal	Input	Blower motor operated			0.5V – 4.0V
			Ignition switch OFF			0V
4 (P)	Blower motor speed control signal	Input	Ignition switch ON or START	Climate controlled seat switch selected	HEAT or COOL	4.5V – 8.0V
					OFF	0V
6 (G)	HEAT switch signal	Input	Ignition switch ON or START	Climate controlled seat switch selected	HI HEAT	2.6V – 3.5V
					MED HEAT	1.6V – 2.5V
					LO HEAT	0.5V – 1.5V
					OFF	0V
7 (B)	COOL switch signal	Input	Ignition switch ON or START	Climate controlled seat switch selected	HI COOL	2.6V – 3.5V
					MED COOL	1.6V – 2.5V
					LO COOL	0.5V – 1.5V
					OFF	0V
8 (Y)	Climate controlled seat switch power supply	Input	Ignition switch ON			Battery voltage
9 (W)	COOL switch indicator signal	Input	Ignition switch ON or START	Climate controlled seat switch selected	COOL	Battery voltage
					OFF	0V
10 (LG)	HEAT switch indicator signal	Input	Ignition switch ON or START	Climate controlled seat switch selected	HEAT	Battery voltage
					OFF	0V
12 (R)	Blower motor power supply	Input	Ignition switch ON or START			Battery voltage
17 (BG)	Seat cushion thermal electric device sensor signal	Input	Blower motor operated			0.5V – 4.0V
			Ignition switch OFF			0V
18 (V)	Seatback thermal electric device sensor ground	—	Ignition switch ON			0V
20 (GR)	Blower motor ground	—	—			0V

CLIMATE CONTROLLED SEAT CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

Terminal (Wire color)	Item	Signal Input/ Output	Condition			Voltage (Approx.)
25 (R)	Battery power supply	Input	Ignition switch ON			Battery voltage
26 (LG)	Seat cushion thermal electric device power supply (COOL)	Output	Ignition switch ON or START	Climate controlled seat switch selected	COOL	Battery voltage
					HEAT	0V
					OFF	0V
27 (GR)	Ground	—	—			0V
28 (G)	Seatback thermal electric device power supply (COOL)	Output	Ignition switch ON or START	Climate controlled seat switch selected	COOL	Battery voltage
					HEAT	0V
					OFF	0V
29 (L)	Seat cushion thermal electric device power supply (HEAT)	Output	Ignition switch ON or START	Climate controlled seat switch selected	HEAT	Battery voltage
					COOL	0V
					OFF	0V
30 (W)	Seatback thermal electric device power supply (HEAT)	Output	Ignition switch ON or START	Climate controlled seat switch selected	HEAT	Battery voltage
					COOL	0V
					OFF	0V

Fail-safe

INFOID:0000000014391809

- Climate controlled seat control unit is equipped with a fail-safe function.
- When a malfunction occurs in the systems shown as per the following, climate controlled seat control unit stops output.

Malfunction	Malfunctioning condition
The temperature difference between the seatback thermal electric device and seat cushion thermal electric device is 30°C (86°F) or more.	<ul style="list-style-type: none"> • When it detects for 4 seconds that the temperature difference between the seatback thermal electric device and seat cushion thermal electric device is 30°C (86°F) or more, stops the output to the thermal electric device, activates the climate controlled seat blower motor in the maximum position, and sends the external airflow for 30 seconds. • If the temperature difference is still 30°C (86°F) or more after 30 seconds pass, it stops all output and enters the system OFF condition. • When the temperature difference between seatback thermal electric device and seat cushion thermal electric device becomes 20°C (68°F) or less, the system recovers automatically. • If it detects that the temperature difference is 30°C (86°F) or more 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 device is 110°C (230°F) or more in the HEAT mode (any thermal electric device 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 device is 110°C (230°F) or more, stops the output to the thermal electric device, activates the climate controlled seat blower motor in the maximum position, and sends the external airflow for 30 seconds. • If the temperature does not become 105°C (221°F) or less after 30 seconds pass, it stops all output and enters the system OFF condition. • When the temperature of the thermal electric device becomes 105°C (221°F) or less, the system recovers automatically. • If it detects that the temperature of the thermal electric device is 110°C (230°F) or more after the automatic system recovery, it immediately stops all output and enters the system OFF condition.

CLIMATE CONTROLLED SEAT CONTROL UNIT

< ECU DIAGNOSIS INFORMATION >

Malfunction	Malfunctioning condition
The temperature of the thermal electric device is 45°C (113°F) or more in the COOL mode (any thermal electric device 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 device is between 45°C (113°F) and 70°C (158°F), it starts the temperature monitoring of the thermal electric device at 3 second intervals. While monitoring, if it detects that the temperature raises 2°C (36°F) or more 4 times continuously or reaches 70°C (158°F) 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 device sensor system open circuit.	<ul style="list-style-type: none"> When it detects for 4 seconds that the thermal electric device sensor system is an open circuit.
Climate controlled seat blower motor system open circuit.	<ul style="list-style-type: none"> When it detects for 2 seconds that climate controlled seat blower motor system is an open circuit while the climate controlled seat is being activated, it stops output to the thermal electric device. When it detects for 10 seconds that the climate controlled seat blower motor system is an open circuit while the climate controlled seat is being activated, 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.	<ul style="list-style-type: none"> When it detects for 4 seconds that the rotary switch input is 30% or less 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.
HEAT or COOL switch input out of the specified range.	<ul style="list-style-type: none"> When it detects for 4 seconds that rotary switch input is 6% or less 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"> System voltage* of the climate controlled seat control unit is out of the operation range (8.5V – 16.5V).

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

NOTE:

When the system enters in the fail-safe mode again after performing resetting procedure, perform diagnosis.

POWER SEAT FOR DRIVER SIDE WITHOUT AUTOMATIC DRIVE POSITIONER

< WIRING DIAGRAM >

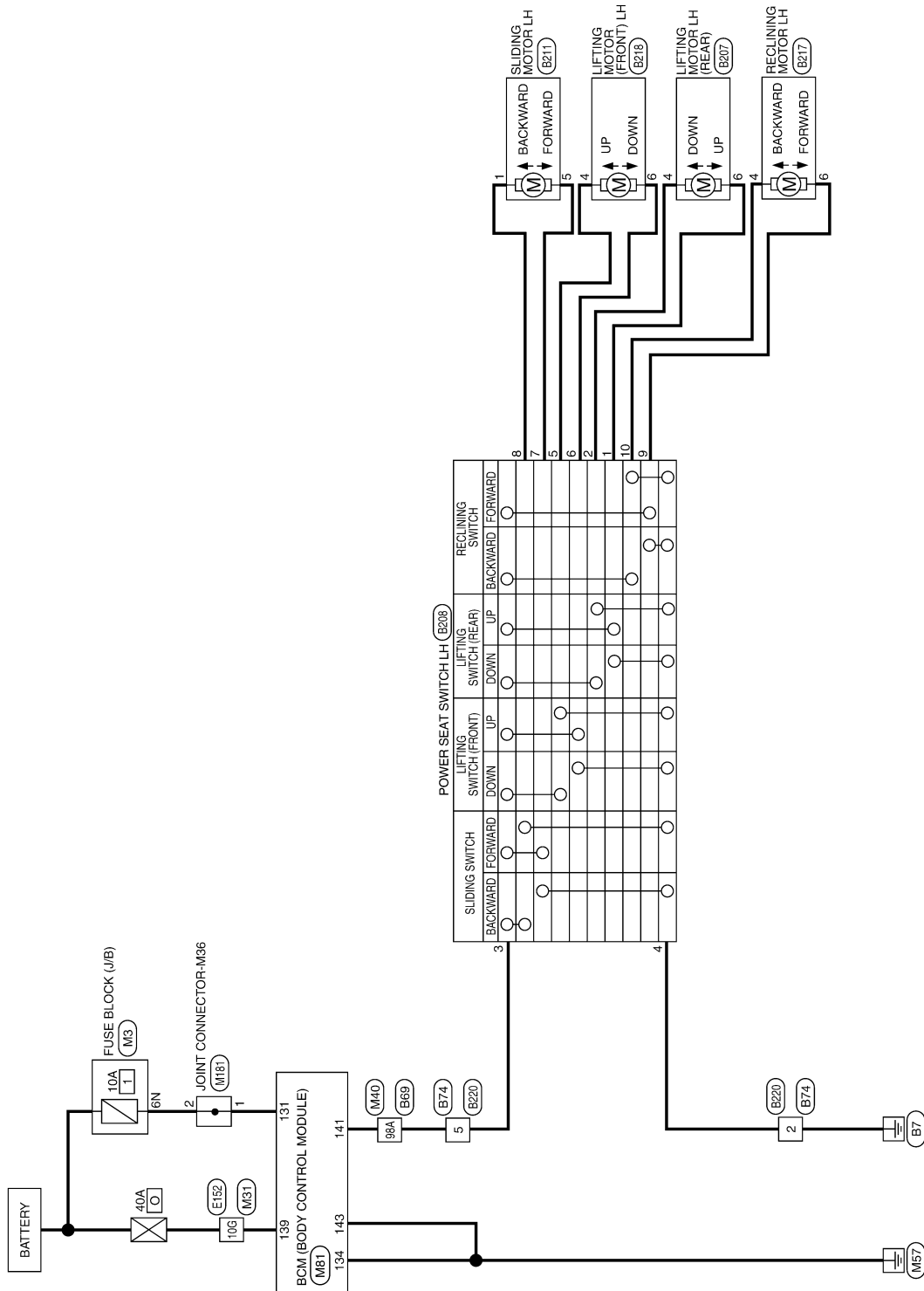
WIRING DIAGRAM

POWER SEAT FOR DRIVER SIDE WITHOUT AUTOMATIC DRIVE POSITIONER

Wiring Diagram - Without Automatic Drive Positioner

INFOID:0000000014391810

POWER SEAT FOR DRIVER SIDE - WITHOUT AUTOMATIC DRIVE POSITIONER



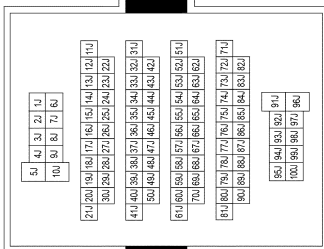
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POWER SEAT FOR DRIVER SIDE WITHOUT AUTOMATIC DRIVE POSITIONER

< WIRING DIAGRAM >

POWER SEAT FOR DRIVER SIDE CONNECTORS - WITHOUT AUTOMATIC DRIVE POSITIONER

Connector No.	B69
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4
Connector Color	WHITE



80J	W	TO MAIN HARNESS
81J	SHIELD	TO MAIN HARNESS
82J	L/R	TO MAIN HARNESS
83J	-	TO MAIN HARNESS
84J	-	TO MAIN HARNESS
85J	Y/B	TO MAIN HARNESS
86J	G	TO MAIN HARNESS
87J	B/Y	TO MAIN HARNESS
88J	SHIELD	TO MAIN HARNESS
89J	GR/R	TO MAIN HARNESS
90J	L	TO MAIN HARNESS
91J	L/B	TO MAIN HARNESS
92J	SB	TO MAIN HARNESS
93J	B	TO MAIN HARNESS
94J	L	TO MAIN HARNESS
95J	LG	TO MAIN HARNESS
96J	R	TO MAIN HARNESS
97J	B/Y	TO MAIN HARNESS
98J	L/B	TO MAIN HARNESS
99J	W/L	TO MAIN HARNESS
100J	SB	TO MAIN HARNESS

Connector No.	B85
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	L/B	TO FRONT SEAT LH HARNESS
2	B	TO FRONT SEAT LH HARNESS
3	O/B	TO FRONT SEAT LH HARNESS
4	B	TO FRONT SEAT LH HARNESS
5	B	TO FRONT SEAT LH HARNESS
6	SB/O	TO FRONT SEAT LH HARNESS
7	V	TO FRONT SEAT LH HARNESS
8	BR/LG	TO FRONT SEAT LH HARNESS
9	LG/Y	TO FRONT SEAT LH HARNESS
10	Y	TO FRONT SEAT LH HARNESS
11	R	TO FRONT SEAT LH HARNESS
12	-	TO FRONT SEAT LH HARNESS

Terminal No.	Color of Wire	Signal Name
1J	P	TO MAIN HARNESS
2J	R/Y	TO MAIN HARNESS
3J	L	TO MAIN HARNESS
4J	L/B	TO MAIN HARNESS
5J	G/W	TO MAIN HARNESS
6J	LG/Y	TO MAIN HARNESS
7J	BR/LG	TO MAIN HARNESS
8J	SB/BR	TO MAIN HARNESS
9J	BR	TO MAIN HARNESS
10J	O/B	TO MAIN HARNESS
11J	O/B	TO MAIN HARNESS
12J	L	TO MAIN HARNESS
13J	SB/O	TO MAIN HARNESS
14J	Y	TO MAIN HARNESS
15J	-	TO MAIN HARNESS
16J	R	TO MAIN HARNESS
17J	G	TO MAIN HARNESS
18J	SB	TO MAIN HARNESS
19J	O	TO MAIN HARNESS
20J	O/B	TO MAIN HARNESS
21J	Y/R	TO MAIN HARNESS
22J	P	TO MAIN HARNESS
23J	W	TO MAIN HARNESS
24J	W/R	TO MAIN HARNESS
25J	V	TO MAIN HARNESS
26J	L	TO MAIN HARNESS
27J	R	TO MAIN HARNESS

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POWER SEAT FOR DRIVER SIDE WITHOUT AUTOMATIC DRIVE POSITIONER

< WIRING DIAGRAM >

POWER SEAT FOR DRIVER SIDE CONNECTORS - WITHOUT AUTOMATIC DRIVE POSITIONER

Connector No.	B215
Connector Name	LIFTING MOTOR LH (REAR) (WITHOUT AUTOMATIC DRIVE POSITIONER)
Connector Type	6242-5061
Connector Color	GRAY



3	2	1
6	5	4

Connector No.	B212
Connector Name	SLIDING MOTOR LH (WITHOUT AUTOMATIC DRIVE POSITIONER)
Connector Type	6098-0344
Connector Color	GRAY



5	4	3	2	1
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Connector No.	B205
Connector Name	RECLINING MOTOR LH (WITHOUT AUTOMATIC DRIVE POSITIONER)
Connector Type	6242-5061
Connector Color	GRAY



3	2	1
6	5	4

Terminal No.	Color of Wire	Signal Name
1	-	-
2	-	-
3	-	-
4	R	DOWNWARD
5	-	-
6	V	UPWARD

Terminal No.	Color of Wire	Signal Name
1	SB	BACKWARD
2	-	-
3	-	-
4	-	-
5	L	FORWARD

Connector No.	B214
Connector Name	LIFTING MOTOR LH (FRONT) (WITHOUT AUTOMATIC DRIVE POSITIONER)
Connector Type	6242-5061
Connector Color	GRAY



3	2	1
6	5	4

Terminal No.	Color of Wire	Signal Name
1	-	-
2	-	-
3	-	-
4	BR	BACKWARD
5	-	-
6	P	FORWARD

Connector No.	B210
Connector Name	POWER SEAT SWITCH LH (WITHOUT AUTOMATIC DRIVE POSITIONER)
Connector Type	NS10FW-CS
Connector Color	WHITE



4	3	<div></div>	2	1	
10	9	8	7	6	5

Terminal No.	Color of Wire	Signal Name
1	-	-
2	-	-
3	-	-
4	G	UPWARD
5	-	-
6	Y	DOWNWARD

Terminal No.	Color of Wire	Signal Name
1	V	LIFTER (UPWARD)
2	R	LIFTER (DOWNWARD)
3	R	BAT
4	B	GND
5	G	TLT (UPWARD)
6	Y	TLT (DOWNWARD)
7	L	SLIDE (FORWARD)
8	SB	SLIDE (BACKWARD)
9	P	RECL (FORWARD)
10	BR	RECL (BACKWARD)

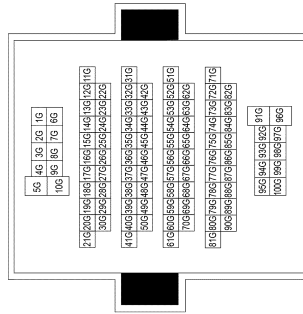
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POWER SEAT FOR DRIVER SIDE WITHOUT AUTOMATIC DRIVE POSITIONER

< WIRING DIAGRAM >

POWER SEAT FOR DRIVER SIDE CONNECTORS - WITHOUT AUTOMATIC DRIVE POSITIONER

Connector No.	E152
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CST6-TM4
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1G	G	TO MAIN HARNESS
2G	B/R	TO MAIN HARNESS
3G	W/B	TO MAIN HARNESS
4G	B/W	TO MAIN HARNESS
5G	B	TO MAIN HARNESS
6G	P	TO MAIN HARNESS - (WITH VCSVD)
7G	R/W	TO MAIN HARNESS - (WITH CUMMINS 5.0L)
8G	Y	TO MAIN HARNESS
9G	R	TO MAIN HARNESS
10G	W	TO MAIN HARNESS
11G	R/G	TO MAIN HARNESS
12G	W/B	TO MAIN HARNESS
13G	B	TO MAIN HARNESS
14G	Y/B	TO MAIN HARNESS
15G	G/W	TO MAIN HARNESS
16G	G	TO MAIN HARNESS
17G	G/Y	TO MAIN HARNESS
18G	G/Y	TO MAIN HARNESS
19G	Y/V	TO MAIN HARNESS
20G	G/Y	TO MAIN HARNESS
21G	B/Y	TO MAIN HARNESS
22G	G/R	TO MAIN HARNESS
23G	Y/R	TO MAIN HARNESS

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A
B
C
D
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P

POWER SEAT FOR DRIVER SIDE WITHOUT AUTOMATIC DRIVE POSITIONER

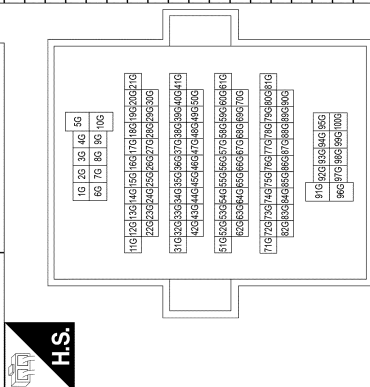
< WIRING DIAGRAM >

POWER SEAT FOR DRIVER SIDE CONNECTORS - WITHOUT AUTOMATIC DRIVE POSITIONER

80G	R	TO ENGINE ROOM HARNESS
81G	L	TO ENGINE ROOM HARNESS
82G	R	TO ENGINE ROOM HARNESS
83G	L	TO ENGINE ROOM HARNESS
84G	L	TO ENGINE ROOM HARNESS
85G	W	TO ENGINE ROOM HARNESS
86G	B/R	TO ENGINE ROOM HARNESS
87G	W	TO ENGINE ROOM HARNESS
88G	G	TO ENGINE ROOM HARNESS
89G	P	TO ENGINE ROOM HARNESS
90G	G	TO ENGINE ROOM HARNESS
91G	P	TO ENGINE ROOM HARNESS
92G	V/W	TO ENGINE ROOM HARNESS
93G	BR	TO ENGINE ROOM HARNESS
94G	B	TO ENGINE ROOM HARNESS
95G	G	TO ENGINE ROOM HARNESS
96G	R	TO ENGINE ROOM HARNESS
97G	R	TO ENGINE ROOM HARNESS
98G	W/B	TO ENGINE ROOM HARNESS
99G	R	TO ENGINE ROOM HARNESS
100G	GR/W	TO ENGINE ROOM HARNESS

27G	LG	TO ENGINE ROOM HARNESS
28G	G/B	TO ENGINE ROOM HARNESS
29G	G/B	TO ENGINE ROOM HARNESS
30G	BR/Y	TO ENGINE ROOM HARNESS
31G	R	TO ENGINE ROOM HARNESS
32G	R	TO ENGINE ROOM HARNESS
33G	Y/L	TO ENGINE ROOM HARNESS
34G	GR	TO ENGINE ROOM HARNESS
35G	G/R	TO ENGINE ROOM HARNESS
36G	SB	TO ENGINE ROOM HARNESS
37G	R/W	TO ENGINE ROOM HARNESS
38G	BR	TO ENGINE ROOM HARNESS
39G	BR	TO ENGINE ROOM HARNESS
40G	-	TO ENGINE ROOM HARNESS
41G	R/G	TO ENGINE ROOM HARNESS
42G	O	TO ENGINE ROOM HARNESS
43G	G	TO ENGINE ROOM HARNESS
44G	R/Y	TO ENGINE ROOM HARNESS
45G	G	TO ENGINE ROOM HARNESS
46G	LG	TO ENGINE ROOM HARNESS
47G	R	TO ENGINE ROOM HARNESS
48G	W	TO ENGINE ROOM HARNESS
49G	-	TO ENGINE ROOM HARNESS
50G	BR	TO ENGINE ROOM HARNESS
51G	R	TO ENGINE ROOM HARNESS
52G	L	TO ENGINE ROOM HARNESS
53G	W	TO ENGINE ROOM HARNESS
54G	W	TO ENGINE ROOM HARNESS
55G	G	TO ENGINE ROOM HARNESS
56G	W	TO ENGINE ROOM HARNESS
57G	Y	TO ENGINE ROOM HARNESS
58G	BG	TO ENGINE ROOM HARNESS
59G	BG	TO ENGINE ROOM HARNESS
60G	BG	TO ENGINE ROOM HARNESS
61G	O	TO ENGINE ROOM HARNESS
62G	W	TO ENGINE ROOM HARNESS
63G	O	TO ENGINE ROOM HARNESS
64G	W/L	TO ENGINE ROOM HARNESS
65G	W/R	TO ENGINE ROOM HARNESS
66G	BG	TO ENGINE ROOM HARNESS
67G	O	TO ENGINE ROOM HARNESS
68G	B	TO ENGINE ROOM HARNESS
69G	Y	TO ENGINE ROOM HARNESS
70G	L	TO ENGINE ROOM HARNESS
71G	R/W	TO ENGINE ROOM HARNESS
72G	L/W	TO ENGINE ROOM HARNESS
73G	SHIELD	TO ENGINE ROOM HARNESS
74G	W	TO ENGINE ROOM HARNESS
75G	R	TO ENGINE ROOM HARNESS
76G	R/G	TO ENGINE ROOM HARNESS
77G	BG	TO ENGINE ROOM HARNESS
78G	P	TO ENGINE ROOM HARNESS
79G	-	TO ENGINE ROOM HARNESS

Connector No.	M31
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4
Connector Color	WHITE



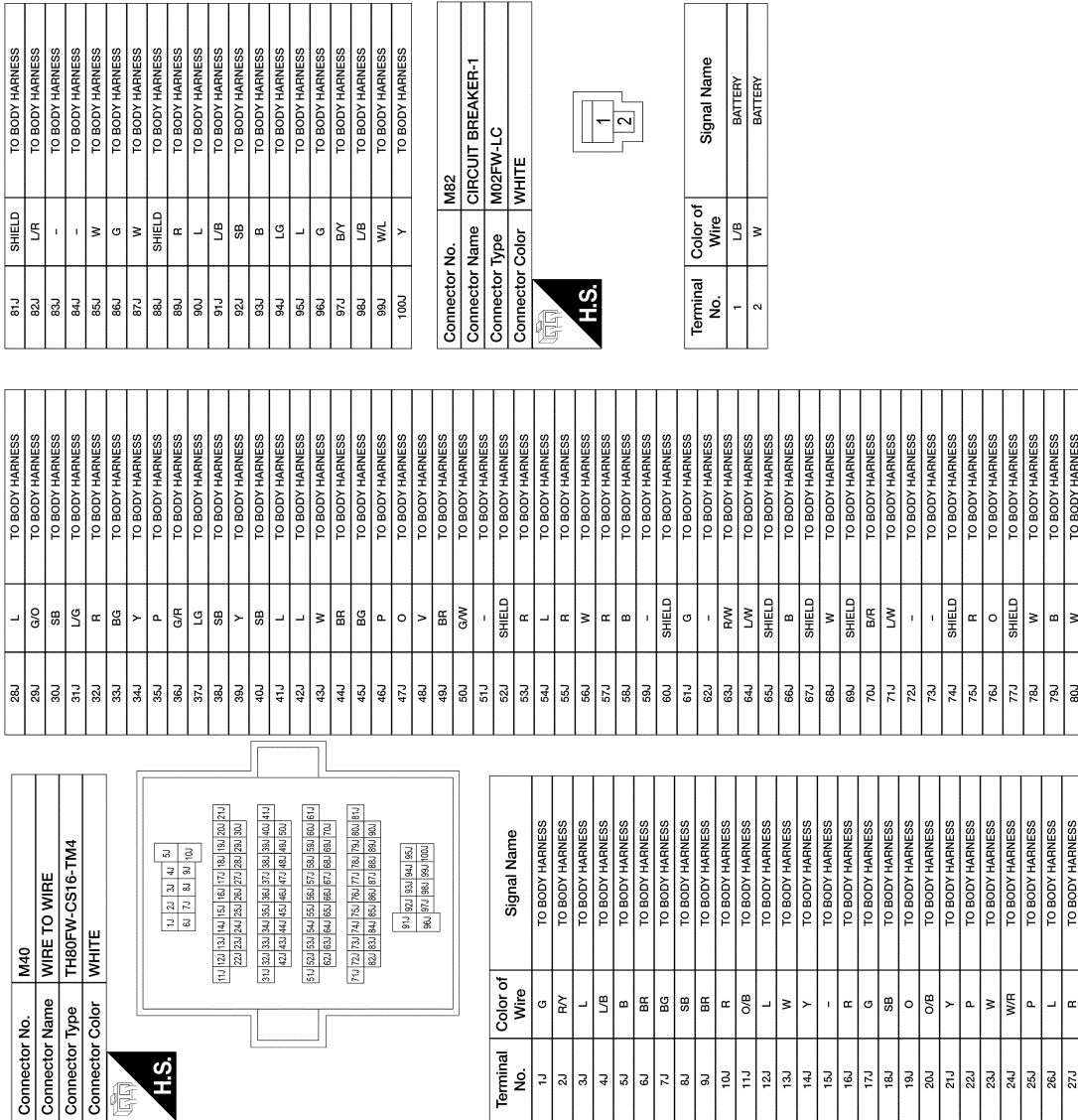
Terminal No.	Color of Wire	Signal Name
1G	G	TO ENGINE ROOM HARNESS
2G	B/R	TO ENGINE ROOM HARNESS
3G	W	TO ENGINE ROOM HARNESS
4G	BR/W	TO ENGINE ROOM HARNESS
5G	-	TO ENGINE ROOM HARNESS
6G	R/W	TO ENGINE ROOM HARNESS
7G	Y	TO ENGINE ROOM HARNESS
8G	G	TO ENGINE ROOM HARNESS
9G	R	TO ENGINE ROOM HARNESS
10G	W	TO ENGINE ROOM HARNESS
11G	R/G	TO ENGINE ROOM HARNESS
12G	W/R	TO ENGINE ROOM HARNESS
13G	BR	TO ENGINE ROOM HARNESS
14G	Y/B	TO ENGINE ROOM HARNESS
15G	G/W	TO ENGINE ROOM HARNESS
16G	G	TO ENGINE ROOM HARNESS
17G	O	TO ENGINE ROOM HARNESS
18G	G/Y	TO ENGINE ROOM HARNESS
19G	Y/V	TO ENGINE ROOM HARNESS
20G	G/Y	TO ENGINE ROOM HARNESS
21G	B/Y	TO ENGINE ROOM HARNESS
22G	G/R	TO ENGINE ROOM HARNESS
23G	Y/R	TO ENGINE ROOM HARNESS
24G	G/B	TO ENGINE ROOM HARNESS
25G	R/W	TO ENGINE ROOM HARNESS
26G	R	TO ENGINE ROOM HARNESS

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POWER SEAT FOR DRIVER SIDE WITHOUT AUTOMATIC DRIVE POSITIONER

< WIRING DIAGRAM >

POWER SEAT FOR DRIVER SIDE CONNECTORS - WITHOUT AUTOMATIC DRIVE POSITIONER



POWER SEAT FOR PASSENGER SIDE

< WIRING DIAGRAM >

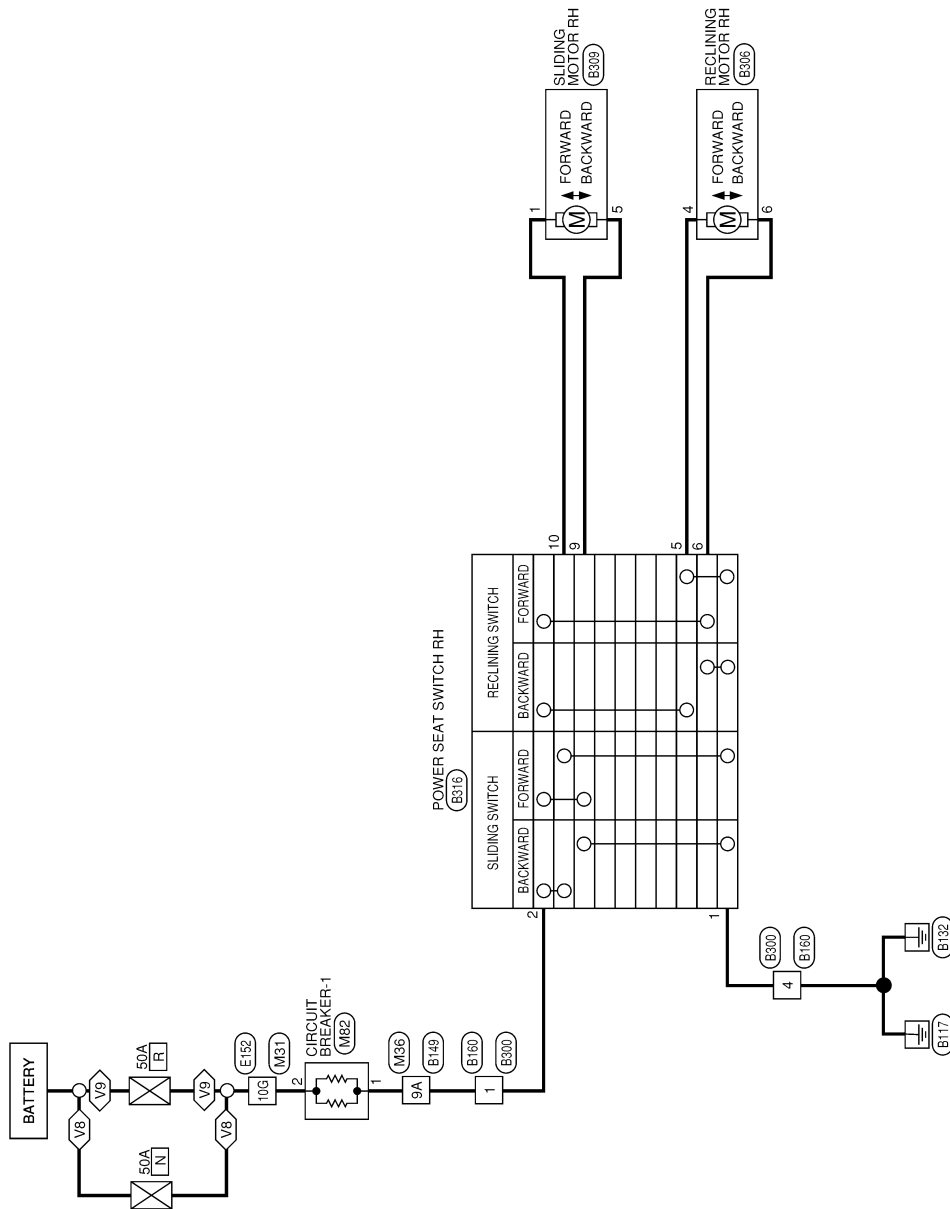
POWER SEAT FOR PASSENGER SIDE

Wiring Diagram

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V8 : WITH VK56VD
V9 : WITH Cummins 5.0L

POWER SEAT FOR PASSENGER SIDE



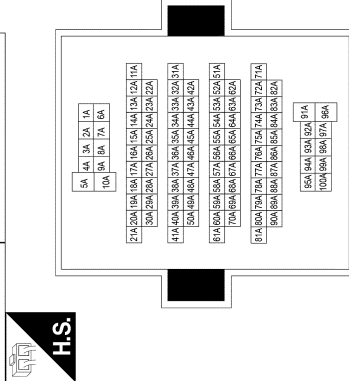
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POWER SEAT FOR PASSENGER SIDE

< WIRING DIAGRAM >

POWER SEAT FOR PASSENGER SIDE CONNECTORS

Connector No.	B149
Connector Name	WIRE TO WIRE
Connector Type	TH80MDGY-CS16-TM4
Connector Color	GRAY

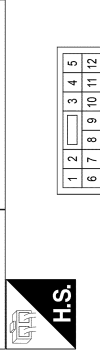


Terminal No.	Color of Wire	Signal Name
1A	SB/G	TO MAIN HARNESS - (WITHOUT CLIMATE CONTROLLED SEATS)
1A	SB	TO MAIN HARNESS - (WITH CLIMATE CONTROLLED SEATS)
2A	L	TO MAIN HARNESS
3A	V	TO MAIN HARNESS
4A	SB/R	TO MAIN HARNESS
5A	-	TO MAIN HARNESS
6A	LG/Y	TO MAIN HARNESS - (WITHOUT CLIMATE CONTROLLED SEATS)
6A	LG	TO MAIN HARNESS - (WITH CLIMATE CONTROLLED SEATS)
7A	W	TO MAIN HARNESS
8A	B	TO MAIN HARNESS
9A	L/B	TO MAIN HARNESS
10A	W	TO MAIN HARNESS
11A	LG	TO MAIN HARNESS
12A	BR/O	TO MAIN HARNESS
13A	Y/W	TO MAIN HARNESS
14A	R/G	TO MAIN HARNESS
15A	YL	TO MAIN HARNESS
16A	O/L	TO MAIN HARNESS
17A	L	TO MAIN HARNESS
18A	Y	TO MAIN HARNESS
19A	LG	TO MAIN HARNESS
20A	R	TO MAIN HARNESS
21A	BG	TO MAIN HARNESS
22A	LG/R	TO MAIN HARNESS

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76A	GB/R	TO MAIN HARNESS
77A	L	TO MAIN HARNESS
78A	SHIELD	TO MAIN HARNESS
79A	Y	TO MAIN HARNESS
80A	L	TO MAIN HARNESS
81A	R	TO MAIN HARNESS
82A	SHIELD	TO MAIN HARNESS
83A	LG/B	TO MAIN HARNESS
84A	R	TO MAIN HARNESS
85A	SHIELD	TO MAIN HARNESS
86A	GR/B	TO MAIN HARNESS
87A	B	TO MAIN HARNESS
88A	W	TO MAIN HARNESS
89A	SHIELD	TO MAIN HARNESS
90A	G	TO MAIN HARNESS
91A	W/L	TO MAIN HARNESS
92A	BR	TO MAIN HARNESS
93A	L/Y	TO MAIN HARNESS
94A	R/L	TO MAIN HARNESS
95A	BR	TO MAIN HARNESS
96A	R	TO MAIN HARNESS
97A	LG	TO MAIN HARNESS
98A	EV	TO MAIN HARNESS
99A	O/L	TO MAIN HARNESS
100A	BR/W	TO MAIN HARNESS

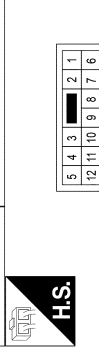
Connector No.	B160
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	L/B	TO FRONT SEAT RH HARNESS
2	B	TO FRONT SEAT RH HARNESS
3	BG	TO FRONT SEAT RH HARNESS
4	B	TO FRONT SEAT RH HARNESS
5	B	TO FRONT SEAT RH HARNESS
6	Y/W	TO FRONT SEAT RH HARNESS
7	BR/Y	TO FRONT SEAT RH HARNESS
8	SB	TO FRONT SEAT RH HARNESS - (WITH CLIMATE CONTROLLED SEATS)
8	SB/G	TO FRONT SEAT RH HARNESS (WITHOUT CLIMATE CONTROLLED SEATS)

9	LG	TO FRONT SEAT RH HARNESS - (WITH CLIMATE CONTROLLED SEATS)
9	LG/Y	TO FRONT SEAT RH HARNESS (WITHOUT CLIMATE CONTROLLED SEATS)
10	YL	TO FRONT SEAT RH HARNESS
11	W	TO FRONT SEAT RH HARNESS
12	-	TO FRONT SEAT RH HARNESS

Connector No.	B300
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	R	TO BODY NO. 2 HARNESS
2	P	TO BODY NO. 2 HARNESS
3	BR	TO BODY NO. 2 HARNESS
4	B	TO BODY NO. 2 HARNESS
5	GR	TO BODY NO. 2 HARNESS
6	B	TO BODY NO. 2 HARNESS
7	G	TO BODY NO. 2 HARNESS
8	Y	TO BODY NO. 2 HARNESS - (WITH CLIMATE CONTROLLED SEATS)
8	LG	TO BODY NO. 2 HARNESS - (WITHOUT CLIMATE CONTROLLED SEATS)
9	W	TO BODY NO. 2 HARNESS - (WITH CLIMATE CONTROLLED SEATS)
9	R	TO BODY NO. 2 HARNESS - (WITHOUT CLIMATE CONTROLLED SEATS)
10	LG	TO BODY NO. 2 HARNESS
11	R	TO BODY NO. 2 HARNESS
12	SB	TO BODY NO. 2 HARNESS

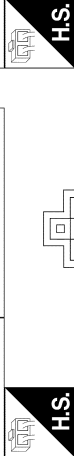
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POWER SEAT FOR PASSENGER SIDE

< WIRING DIAGRAM >

POWER SEAT FOR PASSENGER SIDE CONNECTORS

Connector No.	B306
Connector Name	RECLINING MOTOR RH
Connector Type	6242-5061
Connector Color	GRAY



Connector No.	B316
Connector Name	POWER SEAT SWITCH RH
Connector Type	NS10FW-CS
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	-	-
2	-	-
3	-	-
4	BR	BACKWARD
5	-	-
6	P	FORWARD

Terminal No.	Color of Wire	Signal Name
1	B	GND
2	R	BAT
3	-	-
4	-	-
5	BR	RECL (BACKWARD)
6	P	RECL (FORWARD)
7	-	-
8	-	-
9	L	SLIDE (FORWARD)
10	SB	SLIDE (BACKWARD)

Connector No.	B309
Connector Name	SLIDING MOTOR RH
Connector Type	6098-0344
Connector Color	GRAY



Terminal No.	Color of Wire	Signal Name
1	SB	BACKWARD
2	-	-
3	-	-
4	-	-
5	L	FORWARD

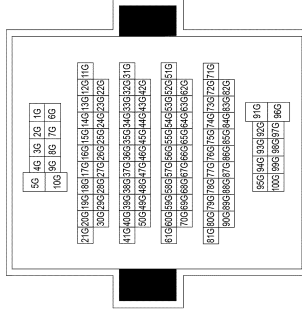
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POWER SEAT FOR PASSENGER SIDE

< WIRING DIAGRAM >

POWER SEAT FOR PASSENGER SIDE CONNECTORS

Connector No.	E152
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CST6-TM4
Connector Color	WHITE

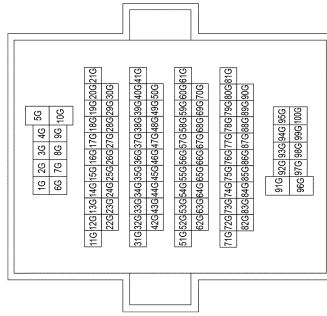


POWER SEAT FOR PASSENGER SIDE

< WIRING DIAGRAM >

POWER SEAT FOR PASSENGER SIDE CONNECTORS

Connector No.	M31
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1G	G	TO ENGINE ROOM HARNESS
2G	B/R	TO ENGINE ROOM HARNESS
3G	W	TO ENGINE ROOM HARNESS
4G	BR/W	TO ENGINE ROOM HARNESS
5G	-	TO ENGINE ROOM HARNESS
6G	R/W	TO ENGINE ROOM HARNESS
7G	Y	TO ENGINE ROOM HARNESS
8G	G	TO ENGINE ROOM HARNESS
9G	R	TO ENGINE ROOM HARNESS
10G	W	TO ENGINE ROOM HARNESS
11G	R/G	TO ENGINE ROOM HARNESS
12G	W/B	TO ENGINE ROOM HARNESS
13G	BR	TO ENGINE ROOM HARNESS
14G	Y/B	TO ENGINE ROOM HARNESS
15G	G/W	TO ENGINE ROOM HARNESS
16G	G	TO ENGINE ROOM HARNESS
17G	O	TO ENGINE ROOM HARNESS
18G	G/Y	TO ENGINE ROOM HARNESS
19G	Y/V	TO ENGINE ROOM HARNESS
20G	G/Y	TO ENGINE ROOM HARNESS
21G	B/Y	TO ENGINE ROOM HARNESS
22G	G/R	TO ENGINE ROOM HARNESS
23G	Y/R	TO ENGINE ROOM HARNESS
24G	G/B	TO ENGINE ROOM HARNESS
25G	R/W	TO ENGINE ROOM HARNESS
26G	R	TO ENGINE ROOM HARNESS

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80G	R	TO ENGINE ROOM HARNESS
81G	L	TO ENGINE ROOM HARNESS
82G	R	TO ENGINE ROOM HARNESS
83G	L	TO ENGINE ROOM HARNESS
84G	L	TO ENGINE ROOM HARNESS
85G	W	TO ENGINE ROOM HARNESS
86G	B/R	TO ENGINE ROOM HARNESS
87G	W	TO ENGINE ROOM HARNESS
88G	G	TO ENGINE ROOM HARNESS
89G	P	TO ENGINE ROOM HARNESS
90G	G	TO ENGINE ROOM HARNESS
91G	P	TO ENGINE ROOM HARNESS
92G	V/W	TO ENGINE ROOM HARNESS
93G	BR	TO ENGINE ROOM HARNESS
94G	B	TO ENGINE ROOM HARNESS
95G	G	TO ENGINE ROOM HARNESS
96G	R	TO ENGINE ROOM HARNESS
97G	R	TO ENGINE ROOM HARNESS
98G	W/B	TO ENGINE ROOM HARNESS
99G	R	TO ENGINE ROOM HARNESS
100G	GR/W	TO ENGINE ROOM HARNESS

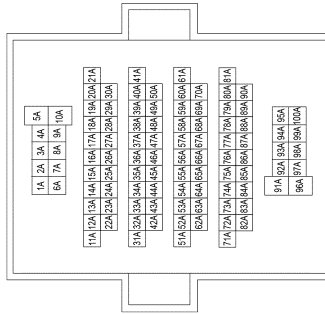
27G	LG	TO ENGINE ROOM HARNESS
28G	G/B	TO ENGINE ROOM HARNESS
29G	G/B	TO ENGINE ROOM HARNESS
30G	BR/Y	TO ENGINE ROOM HARNESS
31G	R	TO ENGINE ROOM HARNESS
32G	R	TO ENGINE ROOM HARNESS
33G	Y/L	TO ENGINE ROOM HARNESS
34G	GR	TO ENGINE ROOM HARNESS
35G	G/R	TO ENGINE ROOM HARNESS
36G	SB	TO ENGINE ROOM HARNESS
37G	R/W	TO ENGINE ROOM HARNESS
38G	BR	TO ENGINE ROOM HARNESS
39G	BR	TO ENGINE ROOM HARNESS
40G	-	TO ENGINE ROOM HARNESS
41G	R/G	TO ENGINE ROOM HARNESS
42G	O	TO ENGINE ROOM HARNESS
43G	G	TO ENGINE ROOM HARNESS
44G	R/Y	TO ENGINE ROOM HARNESS
45G	G	TO ENGINE ROOM HARNESS
46G	LG	TO ENGINE ROOM HARNESS
47G	R	TO ENGINE ROOM HARNESS
48G	W	TO ENGINE ROOM HARNESS
49G	-	TO ENGINE ROOM HARNESS
50G	BR	TO ENGINE ROOM HARNESS
51G	R	TO ENGINE ROOM HARNESS
52G	L	TO ENGINE ROOM HARNESS
53G	W	TO ENGINE ROOM HARNESS
54G	W	TO ENGINE ROOM HARNESS
55G	G	TO ENGINE ROOM HARNESS
56G	W	TO ENGINE ROOM HARNESS
57G	Y	TO ENGINE ROOM HARNESS
58G	BG	TO ENGINE ROOM HARNESS
59G	BG	TO ENGINE ROOM HARNESS
60G	BG	TO ENGINE ROOM HARNESS
61G	O	TO ENGINE ROOM HARNESS
62G	W	TO ENGINE ROOM HARNESS
63G	O	TO ENGINE ROOM HARNESS
64G	W/L	TO ENGINE ROOM HARNESS
65G	W/R	TO ENGINE ROOM HARNESS
66G	BG	TO ENGINE ROOM HARNESS
67G	O	TO ENGINE ROOM HARNESS
68G	B	TO ENGINE ROOM HARNESS
69G	Y	TO ENGINE ROOM HARNESS
70G	L	TO ENGINE ROOM HARNESS
71G	R/W	TO ENGINE ROOM HARNESS
72G	L/W	TO ENGINE ROOM HARNESS
73G	SHIELD	TO ENGINE ROOM HARNESS
74G	W	TO ENGINE ROOM HARNESS
75G	R	TO ENGINE ROOM HARNESS
76G	R/G	TO ENGINE ROOM HARNESS
77G	BG	TO ENGINE ROOM HARNESS
78G	P	TO ENGINE ROOM HARNESS
79G	-	TO ENGINE ROOM HARNESS

POWER SEAT FOR PASSENGER SIDE

< WIRING DIAGRAM >

POWER SEAT FOR PASSENGER SIDE CONNECTORS

Connector No.	M36
Connector Name	WIRE TO WIRE
Connector Type	TH80FDGY-CS16-TM4
Connector Color	GRAY



Terminal No.	Color of Wire	Signal Name
1A	W	TO BODY NO. 2 HARNESS
2A	LG	TO BODY NO. 2 HARNESS
3A	V	TO BODY NO. 2 HARNESS
4A	SB	TO BODY NO. 2 HARNESS
5A	-	TO BODY NO. 2 HARNESS
6A	BG	TO BODY NO. 2 HARNESS - (WITH CLIMATE CONTROLLED SEAT)
6A	LG	TO BODY NO. 2 HARNESS - (WITH CLIMATE CONTROLLED SEAT)
7A	W	TO BODY NO. 2 HARNESS
8A	B	TO BODY NO. 2 HARNESS
9A	L/B	TO BODY NO. 2 HARNESS
10A	W	TO BODY NO. 2 HARNESS
11A	R	TO BODY NO. 2 HARNESS
12A	BR	TO BODY NO. 2 HARNESS
13A	G	TO BODY NO. 2 HARNESS
14A	P/G	TO BODY NO. 2 HARNESS
15A	O	TO BODY NO. 2 HARNESS
16A	O/L	TO BODY NO. 2 HARNESS
17A	L	TO BODY NO. 2 HARNESS
18A	Y	TO BODY NO. 2 HARNESS
19A	B/W	TO BODY NO. 2 HARNESS
20A	R	TO BODY NO. 2 HARNESS
21A	BG	TO BODY NO. 2 HARNESS

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75A	SHIELD	TO BODY NO. 2 HARNESS
76A	R	TO BODY NO. 2 HARNESS
77A	L	TO BODY NO. 2 HARNESS
78A	SHIELD	TO BODY NO. 2 HARNESS
79A	GR	TO BODY NO. 2 HARNESS
80A	V	TO BODY NO. 2 HARNESS
81A	R	TO BODY NO. 2 HARNESS
82A	SHIELD	TO BODY NO. 2 HARNESS
83A	R	TO BODY NO. 2 HARNESS
84A	O	TO BODY NO. 2 HARNESS
85A	SHIELD	TO BODY NO. 2 HARNESS
86A	W	TO BODY NO. 2 HARNESS
87A	B	TO BODY NO. 2 HARNESS
88A	W	TO BODY NO. 2 HARNESS
89A	SHIELD	TO BODY NO. 2 HARNESS
90A	G	TO BODY NO. 2 HARNESS
91A	W/L	TO BODY NO. 2 HARNESS
92A	BR	TO BODY NO. 2 HARNESS
93A	L/Y	TO BODY NO. 2 HARNESS
94A	R/L	TO BODY NO. 2 HARNESS
95A	BR	TO BODY NO. 2 HARNESS
96A	R	TO BODY NO. 2 HARNESS
97A	LG	TO BODY NO. 2 HARNESS
98A	B/V	TO BODY NO. 2 HARNESS
99A	O/L	TO BODY NO. 2 HARNESS
100A	BR/W	TO BODY NO. 2 HARNESS

Connector No.	M82
Connector Name	CIRCUIT BREAKER-1
Connector Type	M02FW-LC
Connector Color	WHITE



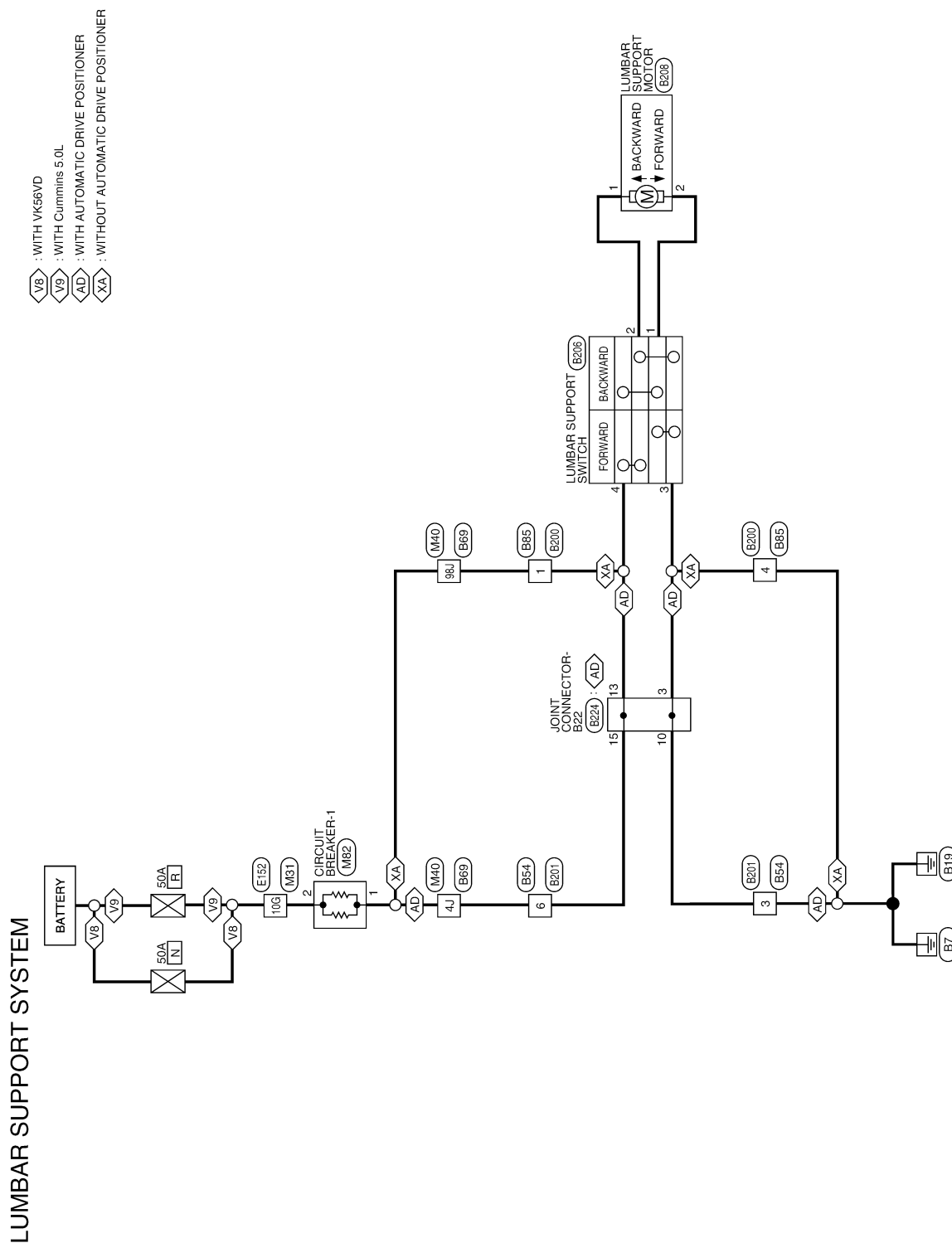
Terminal No.	Color of Wire	Signal Name
1	L/B	BATTERY
2	W	BATTERY

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< WIRING DIAGRAM >

Wiring Diagram

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LUMBAR SUPPORT SYSTEM

< WIRING DIAGRAM >

LUMBAR SUPPORT SYSTEM CONNECTORS

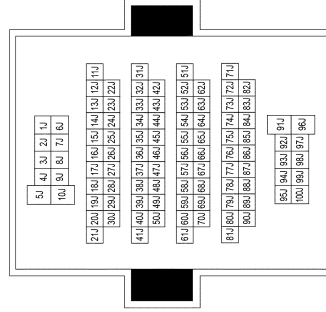
Connector No.	B54
Connector Name	WIRE TO WIRE
Connector Type	NS12FBR-CS
Connector Color	BROWN



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

Terminal No.	Color of Wire	Signal Name
1	L	TO FRONT SEAT LH HARNESS
2	BR	TO FRONT SEAT LH HARNESS
3	B	TO FRONT SEAT LH HARNESS
4	P	TO FRONT SEAT LH HARNESS
5	L	TO FRONT SEAT LH HARNESS
6	L/B	TO FRONT SEAT LH HARNESS
7	Y/L	TO FRONT SEAT LH HARNESS
8	BR/Y	TO FRONT SEAT LH HARNESS
9	V	TO FRONT SEAT LH HARNESS
10	LGB	TO FRONT SEAT LH HARNESS
11	SB	TO FRONT SEAT LH HARNESS
12	Y/GR	TO FRONT SEAT LH HARNESS

Connector No.	B69
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	L	TO FRONT SEAT LH HARNESS
2	BR	TO FRONT SEAT LH HARNESS
3	B	TO FRONT SEAT LH HARNESS
4	P	TO FRONT SEAT LH HARNESS
5	L	TO FRONT SEAT LH HARNESS
6	L/B	TO FRONT SEAT LH HARNESS
7	Y/L	TO FRONT SEAT LH HARNESS
8	BR/Y	TO FRONT SEAT LH HARNESS
9	V	TO FRONT SEAT LH HARNESS
10	LGB	TO FRONT SEAT LH HARNESS
11	SB	TO FRONT SEAT LH HARNESS
12	Y/GR	TO FRONT SEAT LH HARNESS

54J	L	TO MAIN HARNESS
55J	R	TO MAIN HARNESS
56J	W	TO MAIN HARNESS
57J	L/G	TO MAIN HARNESS
58J	O	TO MAIN HARNESS
59J	-	TO MAIN HARNESS
60J	SHIELD	TO MAIN HARNESS
61J	G	TO MAIN HARNESS
62J	-	TO MAIN HARNESS
63J	R/W	TO MAIN HARNESS
64J	L/W	TO MAIN HARNESS
65J	SHIELD	TO MAIN HARNESS
66J	B	TO MAIN HARNESS
67J	SHIELD	TO MAIN HARNESS
68J	O/L	TO MAIN HARNESS
69J	SHIELD	TO MAIN HARNESS
70J	BR	TO MAIN HARNESS
71J	L/W	TO MAIN HARNESS
72J	-	TO MAIN HARNESS
73J	-	TO MAIN HARNESS
74J	SHIELD	TO MAIN HARNESS
75J	LGB	TO MAIN HARNESS
76J	R	TO MAIN HARNESS
77J	SHIELD	TO MAIN HARNESS
78J	GR/B	TO MAIN HARNESS
79J	B	TO MAIN HARNESS
80J	W	TO MAIN HARNESS
81J	SHIELD	TO MAIN HARNESS
82J	L/R	TO MAIN HARNESS
83J	-	TO MAIN HARNESS
84J	-	TO MAIN HARNESS
85J	Y/B	TO MAIN HARNESS
86J	G	TO MAIN HARNESS
87J	B/R	TO MAIN HARNESS
88J	SHIELD	TO MAIN HARNESS
89J	GR/R	TO MAIN HARNESS
90J	L	TO MAIN HARNESS
91J	L/B	TO MAIN HARNESS
92J	SB	TO MAIN HARNESS
93J	B	TO MAIN HARNESS
94J	L	TO MAIN HARNESS
95J	L/G	TO MAIN HARNESS
96J	R	TO MAIN HARNESS
97J	B/Y	TO MAIN HARNESS
98J	L/B	TO MAIN HARNESS
99J	W/L	TO MAIN HARNESS
100J	SB	TO MAIN HARNESS

Connector No.	B85
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS
Connector Color	WHITE



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

Terminal No.	Color of Wire	Signal Name
1	L/B	TO FRONT SEAT LH HARNESS
2	B	TO FRONT SEAT LH HARNESS
3	O/B	TO FRONT SEAT LH HARNESS
4	B	TO FRONT SEAT LH HARNESS
5	B	TO FRONT SEAT LH HARNESS
6	SB/O	TO FRONT SEAT LH HARNESS
7	V	TO FRONT SEAT LH HARNESS
8	BR/LG	TO FRONT SEAT LH HARNESS
9	LG/Y	TO FRONT SEAT LH HARNESS
10	Y	TO FRONT SEAT LH HARNESS
11	R	TO FRONT SEAT LH HARNESS
12	-	TO FRONT SEAT LH HARNESS

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LUMBAR SUPPORT SYSTEM

< WIRING DIAGRAM >

LUMBAR SUPPORT SYSTEM CONNECTORS

Connector No.	B200
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS
Connector Color	WHITE



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

Terminal No.	Color of Wire	Signal Name
1	R	TO BODY HARNESS
2	P	TO BODY HARNESS
3	BR	TO BODY HARNESS
4	B	TO BODY HARNESS
5	GR	TO BODY HARNESS
6	B	TO BODY HARNESS
7	G	TO BODY HARNESS
8	Y	TO BODY HARNESS -(WITH CLIMATE CONTROLLED SEAT)
8	LG	TO BODY HARNESS -(WITHOUT CLIMATE CONTROLLED SEAT)
9	W	TO BODY HARNESS -(WITH CLIMATE CONTROLLED SEAT)
9	R	TO BODY HARNESS -(WITHOUT CLIMATE CONTROLLED SEAT)
10	LQ	TO BODY HARNESS
11	R	TO BODY HARNESS
12	SB	TO BODY HARNESS

Connector No.	B201
Connector Name	WIRE TO WIRE
Connector Type	NS12MBR-CS
Connector Color	BROWN



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

Terminal No.	Color of Wire	Signal Name
1	BR	TO BODY HARNESS
2	W	TO BODY HARNESS
3	B	TO BODY HARNESS
4	W	TO BODY HARNESS
5	P	TO BODY HARNESS
6	R	TO BODY HARNESS

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7	Y	TO BODY HARNESS
8	G	TO BODY HARNESS
9	V	TO BODY HARNESS
10	GR	TO BODY HARNESS
11	L	TO BODY HARNESS
12	SB	TO BODY HARNESS

Connector No.	B206
Connector Name	LUMBAR SUPPORT SWITCH
Connector Type	NS04FBR-CS
Connector Color	BROWN



4	3	2	1
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Terminal No.	Color of Wire	Signal Name
1	G	BACKWARD
2	Y	FORWARD
3	B	GND
4	R	BAT

Connector No.	B208
Connector Name	LUMBAR SUPPORT MOTOR
Connector Type	12020556
Connector Color	BLACK



2	1
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Terminal No.	Color of Wire	Signal Name
1	Y	FORWARD
2	G	BACKWARD

Connector No.	B224
Connector Name	JOINT CONNECTOR-B22
Connector Type	-
Connector Color	PINK



10	9	8	7	6	5	4	3	2	1
20	19	18	17	16	15	14	13	12	11

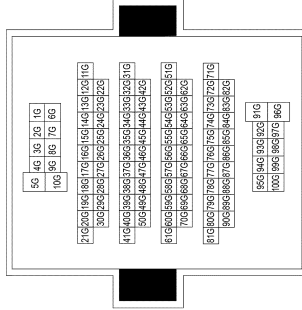
Terminal No.	Color of Wire	Signal Name
1	-	-
2	-	-
3	B	GROUND
4	B	GROUND
5	B	GROUND
6	B	GROUND
7	B	GROUND
8	B	GROUND
9	B	GROUND
10	B	GROUND
11	-	-
12	-	-
13	R	BATTERY
14	-	-
15	R	BATTERY
16	W	POWER SUPPLY
17	W	POWER SUPPLY
18	W	POWER SUPPLY
19	W	POWER SUPPLY
20	W	POWER SUPPLY

LUMBAR SUPPORT SYSTEM

< WIRING DIAGRAM >

LUMBAR SUPPORT SYSTEM CONNECTORS

Connector No.	E152
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CST6-TM4
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1G	G	TO MAIN HARNESS
2G	B/R	TO MAIN HARNESS
3G	W/B	TO MAIN HARNESS
4G	BR/W	TO MAIN HARNESS
5G	BR	TO MAIN HARNESS
6G	P	TO MAIN HARNESS - (WITH VCS6VD)
6G	R/W	TO MAIN HARNESS - (WITH CUMMINS 5.0L)
7G	Y	TO MAIN HARNESS
8G	G	TO MAIN HARNESS
9G	R	TO MAIN HARNESS
10G	W	TO MAIN HARNESS
11G	R/G	TO MAIN HARNESS
12G	W/B	TO MAIN HARNESS
13G	BR	TO MAIN HARNESS
14G	Y/B	TO MAIN HARNESS
15G	G/W	TO MAIN HARNESS
16G	G	TO MAIN HARNESS
17G	G/Y	TO MAIN HARNESS
18G	G/Y	TO MAIN HARNESS
19G	Y/Y	TO MAIN HARNESS
20G	G/Y	TO MAIN HARNESS
21G	B/Y	TO MAIN HARNESS
22G	G/R	TO MAIN HARNESS
23G	Y/R	TO MAIN HARNESS

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72G	L/W	TO MAIN HARNESS
73G	S/HELD	TO MAIN HARNESS
74G	W	TO MAIN HARNESS
75G	R	TO MAIN HARNESS
76G	R/G	TO MAIN HARNESS
77G	G	TO MAIN HARNESS
78G	W	TO MAIN HARNESS
79G	-	TO MAIN HARNESS
80G	R	TO MAIN HARNESS
81G	L	TO MAIN HARNESS
82G	R	TO MAIN HARNESS
83G	L	TO MAIN HARNESS
84G	L	TO MAIN HARNESS
85G	W/B	TO MAIN HARNESS
86G	B/R	TO MAIN HARNESS
87G	W/B	TO MAIN HARNESS
88G	P	TO MAIN HARNESS
89G	L	TO MAIN HARNESS
90G	G	TO MAIN HARNESS
91G	G	TO MAIN HARNESS
92G	V/W	TO MAIN HARNESS
93G	BR	TO MAIN HARNESS
94G	G	TO MAIN HARNESS
95G	G	TO MAIN HARNESS
96G	W	TO MAIN HARNESS
97G	R	TO MAIN HARNESS
98G	W/B	TO MAIN HARNESS
99G	BR	TO MAIN HARNESS
100G	GR/W	TO MAIN HARNESS

24G	G/B	TO MAIN HARNESS
25G	R/W	TO MAIN HARNESS
26G	R	TO MAIN HARNESS
27G	L/G	TO MAIN HARNESS
28G	G/B	TO MAIN HARNESS
29G	G/B	TO MAIN HARNESS
30G	BR/Y	TO MAIN HARNESS - (WITH CUMMINS 5.0L)
31G	P	TO MAIN HARNESS - (WITH VCS6VD)
31G	R	TO MAIN HARNESS - (WITH VCS6VD)
32G	P	TO MAIN HARNESS
33G	Y/L	TO MAIN HARNESS
34G	GR	TO MAIN HARNESS
35G	G/R	TO MAIN HARNESS
36G	SB	TO MAIN HARNESS
37G	R/W	TO MAIN HARNESS
38G	BR	TO MAIN HARNESS
39G	BR	TO MAIN HARNESS
40G	-	TO MAIN HARNESS
41G	R/G	TO MAIN HARNESS
42G	O	TO MAIN HARNESS
43G	B	TO MAIN HARNESS - (WITH CUMMINS 5.0L)
43G	G	TO MAIN HARNESS - (WITH VCS6VD)
44G	R/Y	TO MAIN HARNESS
45G	G	TO MAIN HARNESS
46G	L/G	TO MAIN HARNESS
47G	R	TO MAIN HARNESS
48G	W	TO MAIN HARNESS
49G	-	TO MAIN HARNESS
50G	BR	TO MAIN HARNESS
51G	R	TO MAIN HARNESS
52G	L	TO MAIN HARNESS
53G	W	TO MAIN HARNESS
54G	W	TO MAIN HARNESS
55G	G	TO MAIN HARNESS
56G	W	TO MAIN HARNESS
57G	Y	TO MAIN HARNESS
58G	B/G	TO MAIN HARNESS
59G	B/G	TO MAIN HARNESS
60G	B/G	TO MAIN HARNESS
61G	B	TO MAIN HARNESS
62G	W	TO MAIN HARNESS
63G	R	TO MAIN HARNESS
64G	W/L	TO MAIN HARNESS
65G	W/R	TO MAIN HARNESS
66G	B/G	TO MAIN HARNESS
67G	B/G	TO MAIN HARNESS
68G	B	TO MAIN HARNESS
69G	Y	TO MAIN HARNESS
70G	L	TO MAIN HARNESS
71G	R/W	TO MAIN HARNESS

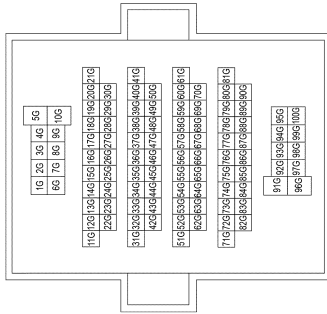
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LUMBAR SUPPORT SYSTEM

< WIRING DIAGRAM >

LUMBAR SUPPORT SYSTEM CONNECTORS

Connector No.	M31
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1G	G	TO ENGINE ROOM HARNESS
2G	B/R	TO ENGINE ROOM HARNESS
3G	W	TO ENGINE ROOM HARNESS
4G	BR/W	TO ENGINE ROOM HARNESS
5G	-	TO ENGINE ROOM HARNESS
6G	R/W	TO ENGINE ROOM HARNESS
7G	Y	TO ENGINE ROOM HARNESS
8G	G	TO ENGINE ROOM HARNESS
9G	R	TO ENGINE ROOM HARNESS
10G	W	TO ENGINE ROOM HARNESS
11G	R/G	TO ENGINE ROOM HARNESS
12G	W/B	TO ENGINE ROOM HARNESS
13G	BR	TO ENGINE ROOM HARNESS
14G	Y/B	TO ENGINE ROOM HARNESS
15G	G/W	TO ENGINE ROOM HARNESS
16G	G	TO ENGINE ROOM HARNESS
17G	O	TO ENGINE ROOM HARNESS
18G	G/Y	TO ENGINE ROOM HARNESS
19G	Y/V	TO ENGINE ROOM HARNESS
20G	G/Y	TO ENGINE ROOM HARNESS
21G	B/Y	TO ENGINE ROOM HARNESS
22G	G/R	TO ENGINE ROOM HARNESS
23G	Y/R	TO ENGINE ROOM HARNESS
24G	G/B	TO ENGINE ROOM HARNESS
25G	R/W	TO ENGINE ROOM HARNESS
26G	R	TO ENGINE ROOM HARNESS

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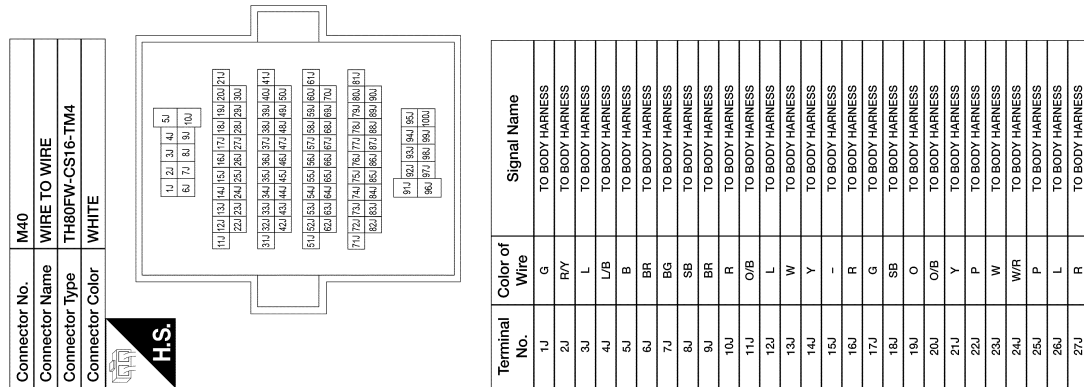
80G	R	TO ENGINE ROOM HARNESS
81G	L	TO ENGINE ROOM HARNESS
82G	R	TO ENGINE ROOM HARNESS
83G	L	TO ENGINE ROOM HARNESS
84G	L	TO ENGINE ROOM HARNESS
85G	W	TO ENGINE ROOM HARNESS
86G	B/R	TO ENGINE ROOM HARNESS
87G	W	TO ENGINE ROOM HARNESS
88G	G	TO ENGINE ROOM HARNESS
89G	P	TO ENGINE ROOM HARNESS
90G	G	TO ENGINE ROOM HARNESS
91G	P	TO ENGINE ROOM HARNESS
92G	V/W	TO ENGINE ROOM HARNESS
93G	BR	TO ENGINE ROOM HARNESS
94G	B	TO ENGINE ROOM HARNESS
95G	G	TO ENGINE ROOM HARNESS
96G	R	TO ENGINE ROOM HARNESS
97G	R	TO ENGINE ROOM HARNESS
98G	W/B	TO ENGINE ROOM HARNESS
99G	R	TO ENGINE ROOM HARNESS
100G	GR/W	TO ENGINE ROOM HARNESS

27G	L/G	TO ENGINE ROOM HARNESS
28G	G/B	TO ENGINE ROOM HARNESS
29G	G/B	TO ENGINE ROOM HARNESS
30G	BR/Y	TO ENGINE ROOM HARNESS
31G	R	TO ENGINE ROOM HARNESS
32G	R	TO ENGINE ROOM HARNESS
33G	Y/L	TO ENGINE ROOM HARNESS
34G	GR	TO ENGINE ROOM HARNESS
35G	G/R	TO ENGINE ROOM HARNESS
36G	SB	TO ENGINE ROOM HARNESS
37G	R/W	TO ENGINE ROOM HARNESS
38G	BR	TO ENGINE ROOM HARNESS
39G	BR	TO ENGINE ROOM HARNESS
40G	-	TO ENGINE ROOM HARNESS
41G	R/G	TO ENGINE ROOM HARNESS
42G	O	TO ENGINE ROOM HARNESS
43G	G	TO ENGINE ROOM HARNESS
44G	R/Y	TO ENGINE ROOM HARNESS
45G	G	TO ENGINE ROOM HARNESS
46G	L/G	TO ENGINE ROOM HARNESS
47G	R	TO ENGINE ROOM HARNESS
48G	W	TO ENGINE ROOM HARNESS
49G	-	TO ENGINE ROOM HARNESS
50G	BR	TO ENGINE ROOM HARNESS
51G	R	TO ENGINE ROOM HARNESS
52G	L	TO ENGINE ROOM HARNESS
53G	W	TO ENGINE ROOM HARNESS
54G	W	TO ENGINE ROOM HARNESS
55G	G	TO ENGINE ROOM HARNESS
56G	W	TO ENGINE ROOM HARNESS
57G	Y	TO ENGINE ROOM HARNESS
58G	B/G	TO ENGINE ROOM HARNESS
59G	B/G	TO ENGINE ROOM HARNESS
60G	B/G	TO ENGINE ROOM HARNESS
61G	O	TO ENGINE ROOM HARNESS
62G	W	TO ENGINE ROOM HARNESS
63G	O	TO ENGINE ROOM HARNESS
64G	W/L	TO ENGINE ROOM HARNESS
65G	W/R	TO ENGINE ROOM HARNESS
66G	B/G	TO ENGINE ROOM HARNESS
67G	O	TO ENGINE ROOM HARNESS
68G	B	TO ENGINE ROOM HARNESS
69G	Y	TO ENGINE ROOM HARNESS
70G	L	TO ENGINE ROOM HARNESS
71G	R/W	TO ENGINE ROOM HARNESS
72G	L/W	TO ENGINE ROOM HARNESS
73G	SHIELD	TO ENGINE ROOM HARNESS
74G	W	TO ENGINE ROOM HARNESS
75G	R	TO ENGINE ROOM HARNESS
76G	R/G	TO ENGINE ROOM HARNESS
77G	B/G	TO ENGINE ROOM HARNESS
78G	P	TO ENGINE ROOM HARNESS
79G	-	TO ENGINE ROOM HARNESS

LUMBAR SUPPORT SYSTEM

< WIRING DIAGRAM >

LUMBAR SUPPORT SYSTEM CONNECTORS



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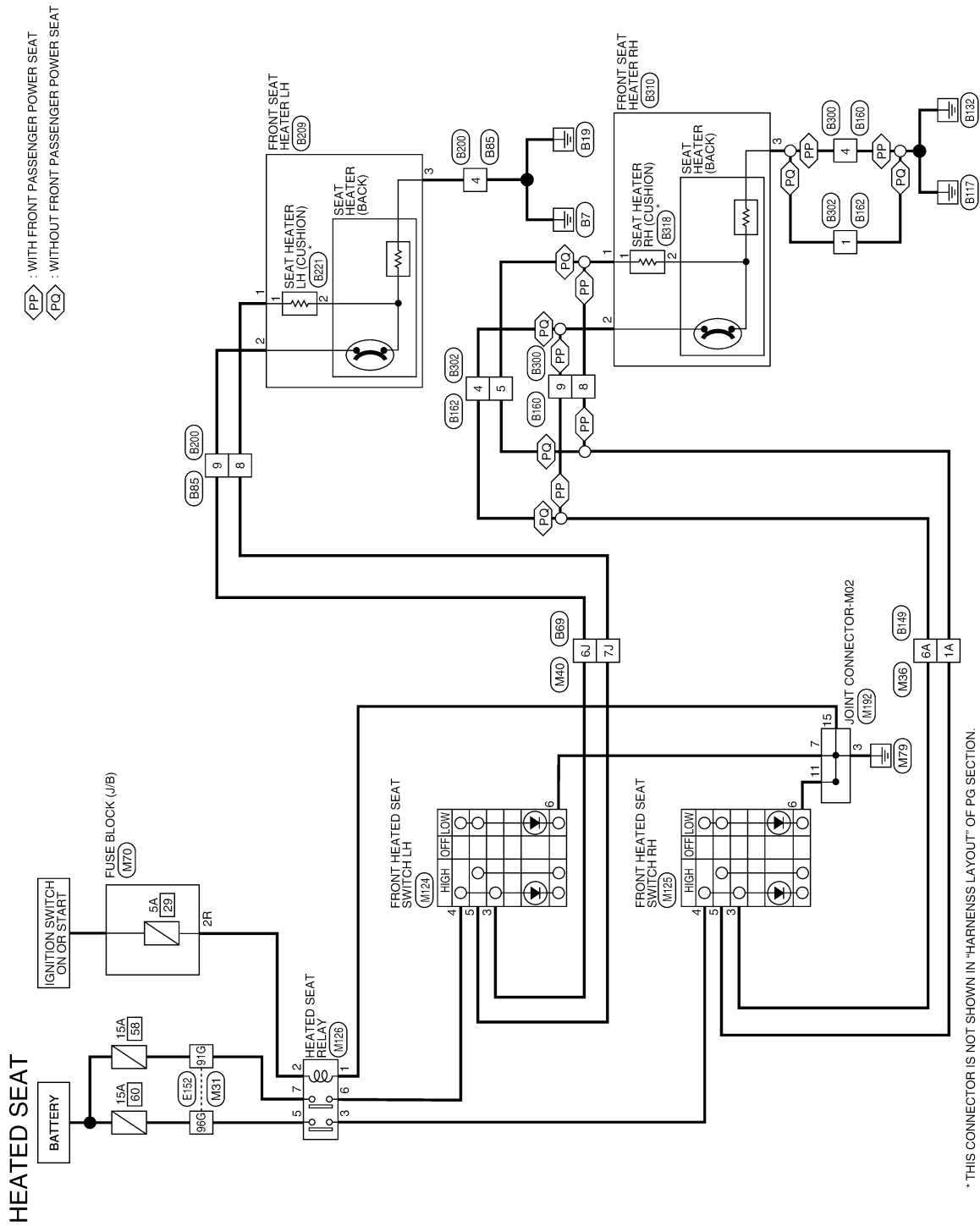
HEATED SEAT

< WIRING DIAGRAM >

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Wiring Diagram

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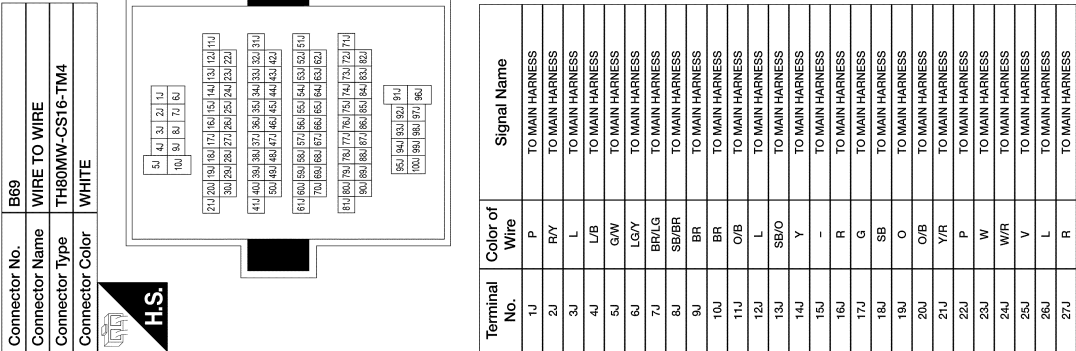


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HEATED SEAT CONNECTORS



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80J	W	TO MAIN HARNESS
81J	SHIELD	TO MAIN HARNESS
82J	L/R	TO MAIN HARNESS
83J	-	TO MAIN HARNESS
84J	-	TO MAIN HARNESS
85J	Y/B	TO MAIN HARNESS
86J	G	TO MAIN HARNESS
87J	B/R	TO MAIN HARNESS
88J	SHIELD	TO MAIN HARNESS
89J	GR/R	TO MAIN HARNESS
90J	L	TO MAIN HARNESS
91J	L/B	TO MAIN HARNESS
92J	SB	TO MAIN HARNESS
93J	B	TO MAIN HARNESS
94J	L	TO MAIN HARNESS
95J	LG	TO MAIN HARNESS
96J	R	TO MAIN HARNESS
97J	B/Y	TO MAIN HARNESS
98J	L/B	TO MAIN HARNESS
99J	W/L	TO MAIN HARNESS
100J	SB	TO MAIN HARNESS

Connector No.	B85
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS
Connector Color	WHITE



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

Terminal No.	Color of Wire	Signal Name
1	L/B	TO FRONT SEAT LH HARNESS
2	B	TO FRONT SEAT LH HARNESS
3	O/B	TO FRONT SEAT LH HARNESS
4	B	TO FRONT SEAT LH HARNESS
5	B	TO FRONT SEAT LH HARNESS
6	SB/O	TO FRONT SEAT LH HARNESS
7	V	TO FRONT SEAT LH HARNESS
8	BR/LG	TO FRONT SEAT LH HARNESS
9	LG/Y	TO FRONT SEAT LH HARNESS
10	Y	TO FRONT SEAT LH HARNESS
11	R	TO FRONT SEAT LH HARNESS
12	-	TO FRONT SEAT LH HARNESS

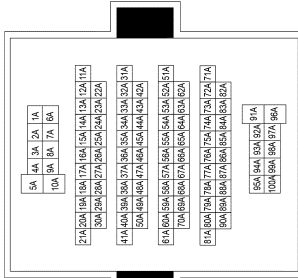
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HEATED SEAT

< WIRING DIAGRAM >

HEATED SEAT CONNECTORS

Connector No.	B149
Connector Name	WIRE TO WIRE
Connector Type	TH80MDGY-CS16-TM4
Connector Color	GRAY



Terminal No.	Color of Wire	Signal Name
1A	SB/G	TO MAIN HARNESS - (WITHOUT CLIMATE CONTROLLED SEATS)
1A	SB	TO MAIN HARNESS - (WITH CLIMATE CONTROLLED SEATS)
2A	L	TO MAIN HARNESS
3A	V	TO MAIN HARNESS
4A	SB/R	TO MAIN HARNESS
5A	-	TO MAIN HARNESS
6A	LG/Y	TO MAIN HARNESS - (WITHOUT CLIMATE CONTROLLED SEATS)
6A	LG	TO MAIN HARNESS - (WITH CLIMATE CONTROLLED SEATS)
7A	W	TO MAIN HARNESS
8A	B	TO MAIN HARNESS
9A	L/B	TO MAIN HARNESS
10A	W	TO MAIN HARNESS
11A	LG	TO MAIN HARNESS
12A	BR/O	TO MAIN HARNESS
13A	Y/W	TO MAIN HARNESS
14A	R/G	TO MAIN HARNESS
15A	Y/L	TO MAIN HARNESS
16A	O/L	TO MAIN HARNESS
17A	L	TO MAIN HARNESS
18A	Y	TO MAIN HARNESS
19A	LG	TO MAIN HARNESS
20A	R	TO MAIN HARNESS
21A	BG	TO MAIN HARNESS
22A	LG/R	TO MAIN HARNESS

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76A	GR/R	TO MAIN HARNESS
77A	L	TO MAIN HARNESS
78A	SHIELD	TO MAIN HARNESS
79A	Y	TO MAIN HARNESS
80A	L	TO MAIN HARNESS
81A	R	TO MAIN HARNESS
82A	SHIELD	TO MAIN HARNESS
83A	LG/B	TO MAIN HARNESS
84A	R	TO MAIN HARNESS
85A	SHIELD	TO MAIN HARNESS
86A	GR/B	TO MAIN HARNESS
87A	B	TO MAIN HARNESS
88A	W	TO MAIN HARNESS
89A	SHIELD	TO MAIN HARNESS
90A	G	TO MAIN HARNESS
91A	W/L	TO MAIN HARNESS
92A	BR	TO MAIN HARNESS
93A	L/Y	TO MAIN HARNESS
94A	R/L	TO MAIN HARNESS
95A	BR	TO MAIN HARNESS
96A	R	TO MAIN HARNESS
97A	LG	TO MAIN HARNESS
98A	BR	TO MAIN HARNESS
99A	O/L	TO MAIN HARNESS
100A	BR/W	TO MAIN HARNESS

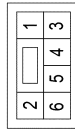


Connector No.	B160
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS
Connector Color	WHITE



9	LG	TO FRONT SEAT RH HARNESS - (WITH CLIMATE CONTROLLED SEATS)
9	LG/Y	TO FRONT SEAT RH HARNESS (WITHOUT CLIMATE CONTROLLED SEATS)
10	Y/L	TO FRONT SEAT RH HARNESS
11	W	TO FRONT SEAT RH HARNESS
12	-	TO FRONT SEAT RH HARNESS

Connector No.	B162
Connector Name	WIRE TO WIRE
Connector Type	NS06FW-CS
Connector Color	WHITE





Terminal No.	Color of Wire	Signal Name
1	B	TO FRONT SEAT RH HARNESS
2	-	TO FRONT SEAT RH HARNESS
3	BG	TO FRONT SEAT RH HARNESS
4	LG/Y	TO FRONT SEAT RH HARNESS
5	SB/G	TO FRONT SEAT RH HARNESS
6	B	TO FRONT SEAT RH HARNESS

HEATED SEAT

< WIRING DIAGRAM >



HEATED SEAT CONNECTORS

Connector No.	B200
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS
Connector Color	WHITE


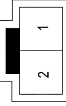
Terminal No.	Color of Wire	Signal Name
1	R	TO BODY HARNESS
2	P	TO BODY HARNESS
3	BR	TO BODY HARNESS
4	B	TO BODY HARNESS
5	GR	TO BODY HARNESS
6	B	TO BODY HARNESS
7	G	TO BODY HARNESS
8	Y	TO BODY HARNESS - (WITH CLIMATE CONTROLLED SEAT)
8	LG	TO BODY HARNESS - (WITHOUT CLIMATE CONTROLLED SEAT)
9	W	TO BODY HARNESS - (WITH CLIMATE CONTROLLED SEAT)
9	R	TO BODY HARNESS - (WITHOUT CLIMATE CONTROLLED SEAT)
10	LG	TO BODY HARNESS
11	R	TO BODY HARNESS
12	SB	TO BODY HARNESS

Connector No.	B209
Connector Name	FRONT SEAT HEATER LH
Connector Type	7123-6337
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	LG	FRONT HEATED SEAT SWITCH OUTPUT (LOW)
2	R	FRONT HEATED SEAT SWITCH OUTPUT (HIGH)
3	B	GROUND

Connector No.	B221
Connector Name	FRONT SEAT HEATER LH (CUSHION)
Connector Type	-
Connector Color	BLACK


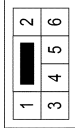
Terminal No.	Color of Wire	Signal Name
1	LG	B+ (LOW SETTING)
2	LG	B+ (HIGH SETTING)

Connector No.	B300
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	R	TO BODY NO. 2 HARNESS
2	P	TO BODY NO. 2 HARNESS
3	BR	TO BODY NO. 2 HARNESS
4	B	TO BODY NO. 2 HARNESS
5	GR	TO BODY NO. 2 HARNESS
6	B	TO BODY NO. 2 HARNESS
7	G	TO BODY NO. 2 HARNESS
8	Y	TO BODY NO. 2 HARNESS - (WITH CLIMATE CONTROLLED SEAT)
8	LG	TO BODY NO. 2 HARNESS - (WITHOUT CLIMATE CONTROLLED SEAT)
9	W	TO BODY NO. 2 HARNESS - (WITH CLIMATE CONTROLLED SEAT)
9	R	TO BODY NO. 2 HARNESS - (WITHOUT CLIMATE CONTROLLED SEAT)
10	LG	TO BODY NO. 2 HARNESS
11	R	TO BODY NO. 2 HARNESS
12	SB	TO BODY NO. 2 HARNESS

Connector No.	B302
Connector Name	WIRE TO WIRE
Connector Type	NS06MW-CS
Connector Color	WHITE


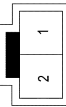
Terminal No.	Color of Wire	Signal Name
1	B	TO BODY HARNESS RH
2	-	TO BODY HARNESS RH
3	BR	TO BODY HARNESS RH
4	R	TO BODY HARNESS RH
5	LG	TO BODY HARNESS RH
6	P	TO BODY HARNESS RH

Connector No.	B310
Connector Name	FRONT SEAT HEATER RH
Connector Type	7123-6337
Connector Color	WHITE

Terminal No.	Color of Wire	Signal Name
1	LG	FRONT HEATED SEAT SWITCH OUTPUT (LOW)
2	R	FRONT HEATED SEAT SWITCH OUTPUT (HIGH)
3	B	GROUND

Connector No.	B318
Connector Name	FRONT SEAT HEATER RH (CUSHION)
Connector Type	-
Connector Color	BLACK

Terminal No.	Color of Wire	Signal Name
1	LG	B+ (LOW SETTING)
2	LG	B+ (HIGH SETTING)

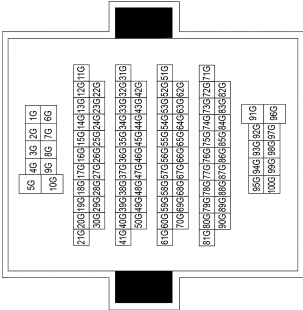
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HEATED SEAT

< WIRING DIAGRAM >

HEATED SEAT CONNECTORS

Connector No.	E152
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1G	G	TO MAIN HARNESS
2G	B/R	TO MAIN HARNESS
3G	W/B	TO MAIN HARNESS
4G	BR/W	TO MAIN HARNESS
5G	BR	TO MAIN HARNESS
6G	P	TO MAIN HARNESS - (WITH VCS6VD)
6G	R/W	TO MAIN HARNESS - (WITH CUMMINS 5.0L)
7G	Y	TO MAIN HARNESS
8G	G	TO MAIN HARNESS
9G	R	TO MAIN HARNESS
10G	W	TO MAIN HARNESS
11G	R/G	TO MAIN HARNESS
12G	W/B	TO MAIN HARNESS
13G	BR	TO MAIN HARNESS
14G	Y/B	TO MAIN HARNESS
15G	G/W	TO MAIN HARNESS
16G	G	TO MAIN HARNESS
17G	G/Y	TO MAIN HARNESS
18G	G/Y	TO MAIN HARNESS
19G	Y/V	TO MAIN HARNESS
20G	G/Y	TO MAIN HARNESS
21G	B/Y	TO MAIN HARNESS
22G	G/R	TO MAIN HARNESS
23G	Y/R	TO MAIN HARNESS

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72G	L/W	TO MAIN HARNESS
73G	SHIELD	TO MAIN HARNESS
74G	W	TO MAIN HARNESS
75G	R	TO MAIN HARNESS
76G	R/G	TO MAIN HARNESS
77G	G	TO MAIN HARNESS
78G	W	TO MAIN HARNESS
79G	-	TO MAIN HARNESS
80G	R	TO MAIN HARNESS
81G	L	TO MAIN HARNESS
82G	R	TO MAIN HARNESS
83G	L	TO MAIN HARNESS
84G	L	TO MAIN HARNESS
85G	W/B	TO MAIN HARNESS
86G	B/R	TO MAIN HARNESS
87G	W/B	TO MAIN HARNESS
88G	P	TO MAIN HARNESS
89G	L	TO MAIN HARNESS
90G	G	TO MAIN HARNESS
91G	G	TO MAIN HARNESS
92G	V/W	TO MAIN HARNESS
93G	BR	TO MAIN HARNESS
94G	G	TO MAIN HARNESS
95G	G	TO MAIN HARNESS
96G	W	TO MAIN HARNESS
97G	R	TO MAIN HARNESS
98G	W/B	TO MAIN HARNESS
99G	BR	TO MAIN HARNESS
100G	GRW	TO MAIN HARNESS

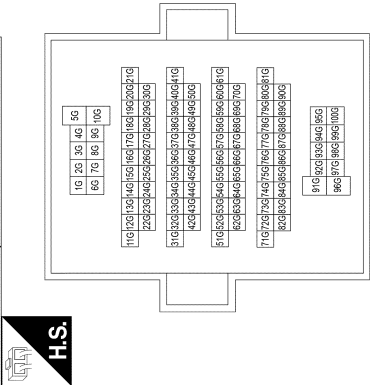
24G	G/B	TO MAIN HARNESS
25G	R/W	TO MAIN HARNESS
26G	R	TO MAIN HARNESS
27G	L/G	TO MAIN HARNESS
28G	G/B	TO MAIN HARNESS
29G	G/B	TO MAIN HARNESS
30G	BR/Y	TO MAIN HARNESS
31G	P	TO MAIN HARNESS - (WITH CUMMINS 5.0L)
31G	R	TO MAIN HARNESS - (WITH VCS6VD)
32G	P	TO MAIN HARNESS
33G	Y/L	TO MAIN HARNESS
34G	GR	TO MAIN HARNESS
35G	G/R	TO MAIN HARNESS
36G	SB	TO MAIN HARNESS
37G	R/W	TO MAIN HARNESS
38G	BR	TO MAIN HARNESS
39G	BR	TO MAIN HARNESS
40G	-	TO MAIN HARNESS
41G	R/G	TO MAIN HARNESS
42G	O	TO MAIN HARNESS
43G	B	TO MAIN HARNESS - (WITH CUMMINS 5.0L)
43G	G	TO MAIN HARNESS - (WITH VCS6VD)
44G	R/Y	TO MAIN HARNESS
45G	G	TO MAIN HARNESS
46G	L/G	TO MAIN HARNESS
47G	R	TO MAIN HARNESS
48G	W	TO MAIN HARNESS
49G	-	TO MAIN HARNESS
50G	BR	TO MAIN HARNESS
51G	R	TO MAIN HARNESS
52G	L	TO MAIN HARNESS
53G	W	TO MAIN HARNESS
54G	W	TO MAIN HARNESS
55G	G	TO MAIN HARNESS
56G	W	TO MAIN HARNESS
57G	Y	TO MAIN HARNESS
58G	BG	TO MAIN HARNESS
59G	BG	TO MAIN HARNESS
60G	BG	TO MAIN HARNESS
61G	B	TO MAIN HARNESS
62G	W	TO MAIN HARNESS
63G	R	TO MAIN HARNESS
64G	W/L	TO MAIN HARNESS
65G	W/R	TO MAIN HARNESS
66G	BG	TO MAIN HARNESS
67G	BG	TO MAIN HARNESS
68G	B	TO MAIN HARNESS
69G	Y	TO MAIN HARNESS
70G	L	TO MAIN HARNESS
71G	R/W	TO MAIN HARNESS

HEATED SEAT

< WIRING DIAGRAM >

HEATED SEAT CONNECTORS

Connector No.	M31
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1G	G	TO ENGINE ROOM HARNESS
2G	B/R	TO ENGINE ROOM HARNESS
3G	W	TO ENGINE ROOM HARNESS
4G	BR/W	TO ENGINE ROOM HARNESS
5G	-	TO ENGINE ROOM HARNESS
6G	R/W	TO ENGINE ROOM HARNESS
7G	Y	TO ENGINE ROOM HARNESS
8G	G	TO ENGINE ROOM HARNESS
9G	R	TO ENGINE ROOM HARNESS
10G	W	TO ENGINE ROOM HARNESS
11G	R/G	TO ENGINE ROOM HARNESS
12G	W/B	TO ENGINE ROOM HARNESS
13G	BR	TO ENGINE ROOM HARNESS
14G	Y/B	TO ENGINE ROOM HARNESS
15G	G/W	TO ENGINE ROOM HARNESS
16G	G	TO ENGINE ROOM HARNESS
17G	O	TO ENGINE ROOM HARNESS
18G	G/Y	TO ENGINE ROOM HARNESS
19G	Y/W	TO ENGINE ROOM HARNESS
20G	G/Y	TO ENGINE ROOM HARNESS
21G	B/Y	TO ENGINE ROOM HARNESS
22G	G/R	TO ENGINE ROOM HARNESS
23G	Y/R	TO ENGINE ROOM HARNESS
24G	G/B	TO ENGINE ROOM HARNESS
25G	R/W	TO ENGINE ROOM HARNESS
26G	R	TO ENGINE ROOM HARNESS

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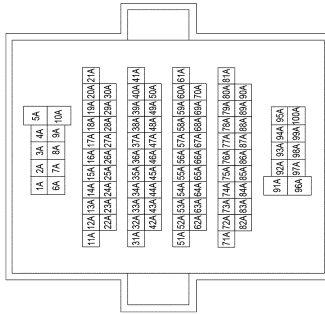
A
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HEATED SEAT

< WIRING DIAGRAM >

HEATED SEAT CONNECTORS

Connector No.	M36
Connector Name	WIRE TO WIRE
Connector Type	TH80FDGY-CST6-TM4
Connector Color	GRAY



Terminal No.	Color of Wire	Signal Name
1A	W	TO BODY NO. 2 HARNESS
2A	LG	TO BODY NO. 2 HARNESS
3A	V	TO BODY NO. 2 HARNESS
4A	SB	TO BODY NO. 2 HARNESS
5A	-	TO BODY NO. 2 HARNESS
6A	BG	TO BODY NO. 2 HARNESS - (WITH CLIMATE CONTROLLED SEAT)
6A	LG	TO BODY NO. 2 HARNESS - (WITHOUT CLIMATE CONTROLLED SEAT)
7A	W	TO BODY NO. 2 HARNESS
8A	B	TO BODY NO. 2 HARNESS
9A	L/B	TO BODY NO. 2 HARNESS
10A	W	TO BODY NO. 2 HARNESS
11A	R	TO BODY NO. 2 HARNESS
12A	BR	TO BODY NO. 2 HARNESS
13A	G	TO BODY NO. 2 HARNESS
14A	P/G	TO BODY NO. 2 HARNESS
15A	O	TO BODY NO. 2 HARNESS
16A	O/L	TO BODY NO. 2 HARNESS
17A	L	TO BODY NO. 2 HARNESS
18A	Y	TO BODY NO. 2 HARNESS
19A	B/W	TO BODY NO. 2 HARNESS
20A	R	TO BODY NO. 2 HARNESS
21A	BG	TO BODY NO. 2 HARNESS

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76A	SHIELD	TO BODY NO. 2 HARNESS
76A	R	TO BODY NO. 2 HARNESS
77A	L	TO BODY NO. 2 HARNESS
78A	SHIELD	TO BODY NO. 2 HARNESS
79A	GR	TO BODY NO. 2 HARNESS
80A	V	TO BODY NO. 2 HARNESS
81A	R	TO BODY NO. 2 HARNESS
82A	SHIELD	TO BODY NO. 2 HARNESS
83A	R	TO BODY NO. 2 HARNESS
84A	O	TO BODY NO. 2 HARNESS
85A	SHIELD	TO BODY NO. 2 HARNESS
86A	W	TO BODY NO. 2 HARNESS
87A	B	TO BODY NO. 2 HARNESS
88A	W	TO BODY NO. 2 HARNESS
89A	SHIELD	TO BODY NO. 2 HARNESS
90A	G	TO BODY NO. 2 HARNESS
91A	W/L	TO BODY NO. 2 HARNESS
92A	BR	TO BODY NO. 2 HARNESS
93A	L/Y	TO BODY NO. 2 HARNESS
94A	R/L	TO BODY NO. 2 HARNESS
95A	BR	TO BODY NO. 2 HARNESS
96A	R	TO BODY NO. 2 HARNESS
97A	LG	TO BODY NO. 2 HARNESS
98A	B/V	TO BODY NO. 2 HARNESS
99A	O/L	TO BODY NO. 2 HARNESS
100A	BR/W	TO BODY NO. 2 HARNESS

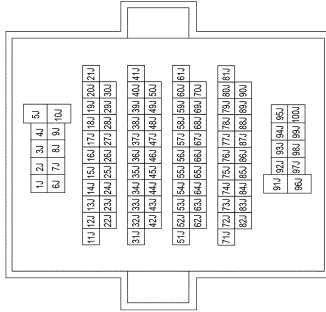
22A	G	TO BODY NO. 2 HARNESS
23A	Y	TO BODY NO. 2 HARNESS
24A	L	TO BODY NO. 2 HARNESS
25A	-	TO BODY NO. 2 HARNESS
26A	GR	TO BODY NO. 2 HARNESS
27A	LG	TO BODY NO. 2 HARNESS
28A	LG	TO BODY NO. 2 HARNESS
29A	GR	TO BODY NO. 2 HARNESS
30A	BR	TO BODY NO. 2 HARNESS
31A	W/R	TO BODY NO. 2 HARNESS
32A	G/R	TO BODY NO. 2 HARNESS
33A	-	TO BODY NO. 2 HARNESS
34A	SHIELD	TO BODY NO. 2 HARNESS
35A	P	TO BODY NO. 2 HARNESS
36A	B	TO BODY NO. 2 HARNESS
37A	-	TO BODY NO. 2 HARNESS
38A	R/B	TO BODY NO. 2 HARNESS
39A	G/O	TO BODY NO. 2 HARNESS
40A	V	TO BODY NO. 2 HARNESS
41A	SHIELD	TO BODY NO. 2 HARNESS
42A	SHIELD	TO BODY NO. 2 HARNESS
43A	R	TO BODY NO. 2 HARNESS
44A	G	TO BODY NO. 2 HARNESS
45A	-	TO BODY NO. 2 HARNESS
46A	-	TO BODY NO. 2 HARNESS
47A	Y	TO BODY NO. 2 HARNESS
48A	R/W	TO BODY NO. 2 HARNESS
49A	R/L	TO BODY NO. 2 HARNESS
50A	B	TO BODY NO. 2 HARNESS
51A	-	TO BODY NO. 2 HARNESS
52A	-	TO BODY NO. 2 HARNESS
53A	-	TO BODY NO. 2 HARNESS
54A	-	TO BODY NO. 2 HARNESS
55A	-	TO BODY NO. 2 HARNESS
56A	-	TO BODY NO. 2 HARNESS
57A	-	TO BODY NO. 2 HARNESS
58A	-	TO BODY NO. 2 HARNESS
59A	-	TO BODY NO. 2 HARNESS
60A	G/W	TO BODY NO. 2 HARNESS
61A	-	TO BODY NO. 2 HARNESS
62A	-	TO BODY NO. 2 HARNESS
63A	-	TO BODY NO. 2 HARNESS
64A	-	TO BODY NO. 2 HARNESS
65A	-	TO BODY NO. 2 HARNESS
66A	-	TO BODY NO. 2 HARNESS
67A	-	TO BODY NO. 2 HARNESS
68A	-	TO BODY NO. 2 HARNESS
69A	Y/R	TO BODY NO. 2 HARNESS
70A	R/G	TO BODY NO. 2 HARNESS
71A	-	TO BODY NO. 2 HARNESS
72A	W	TO BODY NO. 2 HARNESS
73A	G	TO BODY NO. 2 HARNESS
74A	W	TO BODY NO. 2 HARNESS

HEATED SEAT

< WIRING DIAGRAM >

HEATED SEAT CONNECTORS

Connector No.	M40
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1J	G	TO BODY HARNESS
2J	R/Y	TO BODY HARNESS
3J	L	TO BODY HARNESS
4J	L/B	TO BODY HARNESS
5J	B	TO BODY HARNESS
6J	BR	TO BODY HARNESS
7J	BG	TO BODY HARNESS
8J	SB	TO BODY HARNESS
9J	BR	TO BODY HARNESS
10J	R	TO BODY HARNESS
11J	O/B	TO BODY HARNESS
12J	L	TO BODY HARNESS
13J	W	TO BODY HARNESS
14J	Y	TO BODY HARNESS
15J	-	TO BODY HARNESS
16J	R	TO BODY HARNESS
17J	G	TO BODY HARNESS
18J	SB	TO BODY HARNESS
19J	O	TO BODY HARNESS
20J	O/B	TO BODY HARNESS
21J	Y	TO BODY HARNESS
22J	P	TO BODY HARNESS
23J	W	TO BODY HARNESS
24J	W/R	TO BODY HARNESS
25J	P	TO BODY HARNESS
26J	L	TO BODY HARNESS
27J	R	TO BODY HARNESS

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28J	L	TO BODY HARNESS
29J	G/O	TO BODY HARNESS
30J	SB	TO BODY HARNESS
31J	L/G	TO BODY HARNESS
32J	R	TO BODY HARNESS
33J	BG	TO BODY HARNESS
34J	Y	TO BODY HARNESS
35J	P	TO BODY HARNESS
36J	G/R	TO BODY HARNESS
37J	LG	TO BODY HARNESS
38J	SB	TO BODY HARNESS
39J	Y	TO BODY HARNESS
40J	SB	TO BODY HARNESS
41J	L	TO BODY HARNESS
42J	L	TO BODY HARNESS
43J	W	TO BODY HARNESS
44J	BR	TO BODY HARNESS
45J	BG	TO BODY HARNESS
46J	P	TO BODY HARNESS
47J	O	TO BODY HARNESS
48J	V	TO BODY HARNESS
49J	BR	TO BODY HARNESS
50J	G/W	TO BODY HARNESS
51J	-	TO BODY HARNESS
52J	SHIELD	TO BODY HARNESS
53J	R	TO BODY HARNESS
54J	L	TO BODY HARNESS
55J	R	TO BODY HARNESS
56J	W	TO BODY HARNESS
57J	R	TO BODY HARNESS
58J	B	TO BODY HARNESS
59J	-	TO BODY HARNESS
60J	SHIELD	TO BODY HARNESS
61J	G	TO BODY HARNESS
62J	-	TO BODY HARNESS
63J	R/W	TO BODY HARNESS
64J	L/W	TO BODY HARNESS
65J	SHIELD	TO BODY HARNESS
66J	B	TO BODY HARNESS
67J	SHIELD	TO BODY HARNESS
68J	W	TO BODY HARNESS
69J	SHIELD	TO BODY HARNESS
70J	B/R	TO BODY HARNESS
71J	L/W	TO BODY HARNESS
72J	-	TO BODY HARNESS
73J	-	TO BODY HARNESS
74J	SHIELD	TO BODY HARNESS
75J	R	TO BODY HARNESS
76J	O	TO BODY HARNESS
77J	SHIELD	TO BODY HARNESS
78J	W	TO BODY HARNESS
79J	B	TO BODY HARNESS
80J	W	TO BODY HARNESS

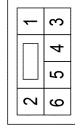
81J	SHIELD	TO BODY HARNESS
82J	L/R	TO BODY HARNESS
83J	-	TO BODY HARNESS
84J	-	TO BODY HARNESS
85J	W	TO BODY HARNESS
86J	G	TO BODY HARNESS
87J	W	TO BODY HARNESS
88J	SHIELD	TO BODY HARNESS
89J	R	TO BODY HARNESS
90J	L	TO BODY HARNESS
91J	L/B	TO BODY HARNESS
92J	SB	TO BODY HARNESS
93J	B	TO BODY HARNESS
94J	LG	TO BODY HARNESS
95J	L	TO BODY HARNESS
96J	G	TO BODY HARNESS
97J	B/Y	TO BODY HARNESS
98J	L/B	TO BODY HARNESS
99J	W/L	TO BODY HARNESS
100J	Y	TO BODY HARNESS

Connector No.	M70
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FBR-CS
Connector Color	BROWN



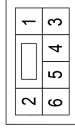
Terminal No.	Color of Wire	Signal Name
1R	L	TAIL LAMP 2
2R	G/R	IGNITION
3R	Y/R	BATTERY
4R	-	-
5R	W	BATTERY
6R	G/W	ACCESSORY
7R	-	-
8R	-	-
9R	-	-
10R	W	BATTERY
11R	-	-
12R	BG	BATTERY
13R	B	ACCESSORY
14R	G/Y	BATTERY
15R	Y	BATTERY
16R	G/R	ACCESSORY

Connector No.	M124
Connector Name	FRONT HEATED SEAT SWITCH LH
Connector Type	NS06FW-CS
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	GR	ILLUMINATION -
2	L	ILLUMINATION +
3	BR	SWITCH OUTPUT HIGH
4	G	HEATED SEAT RELAY OUTPUT
5	BG	SWITCH OUTPUT LOW
6	B	GROUND

Connector No.	M125
Connector Name	FRONT HEATED SEAT SWITCH RH
Connector Type	NS06FBR-CS
Connector Color	BROWN



Terminal No.	Color of Wire	Signal Name
1	GR	ILLUMINATION -
2	L	ILLUMINATION +
3	LG	SWITCH OUTPUT HIGH
4	W	HEATED SEAT RELAY OUTPUT
5	W	SWITCH OUTPUT LOW
6	B	GROUND

HEATED SEAT

< WIRING DIAGRAM >

HEATED SEAT CONNECTORS

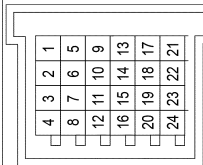
Connector No.	M126
Connector Name	HEATED SEAT RELAY
Connector Type	M06FBR-R-LC
Connector Color	BROWN



15	B	GROUND
16	B	GND
17	-	-
18	SHIELD	SHIELD
19	SHIELD	SHIELD
20	SHIELD	SHIELD
21	B	GND
22	B	GND
23	B	GROUND
24	B	GROUND

Terminal No.	Color of Wire	Signal Name
1	B	GROUND
2	G/R	IGNITION
3	W	RELAY OUTPUT
5	R	BATTERY
6	G	RELAY OUTPUT
7	P	BATTERY

Connector No.	M192
Connector Name	JOINT CONNECTOR-M02
Connector Type	NH24FW-J
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	B	GROUND
2	B	GND
3	B	GROUND
4	-	-
5	B	GROUND
6	B	GND
7	B	GROUND
8	B	GROUND
9	B	GROUND
10	B	GND
11	B	GROUND
12	B	GND
13	-	-
14	B	GND

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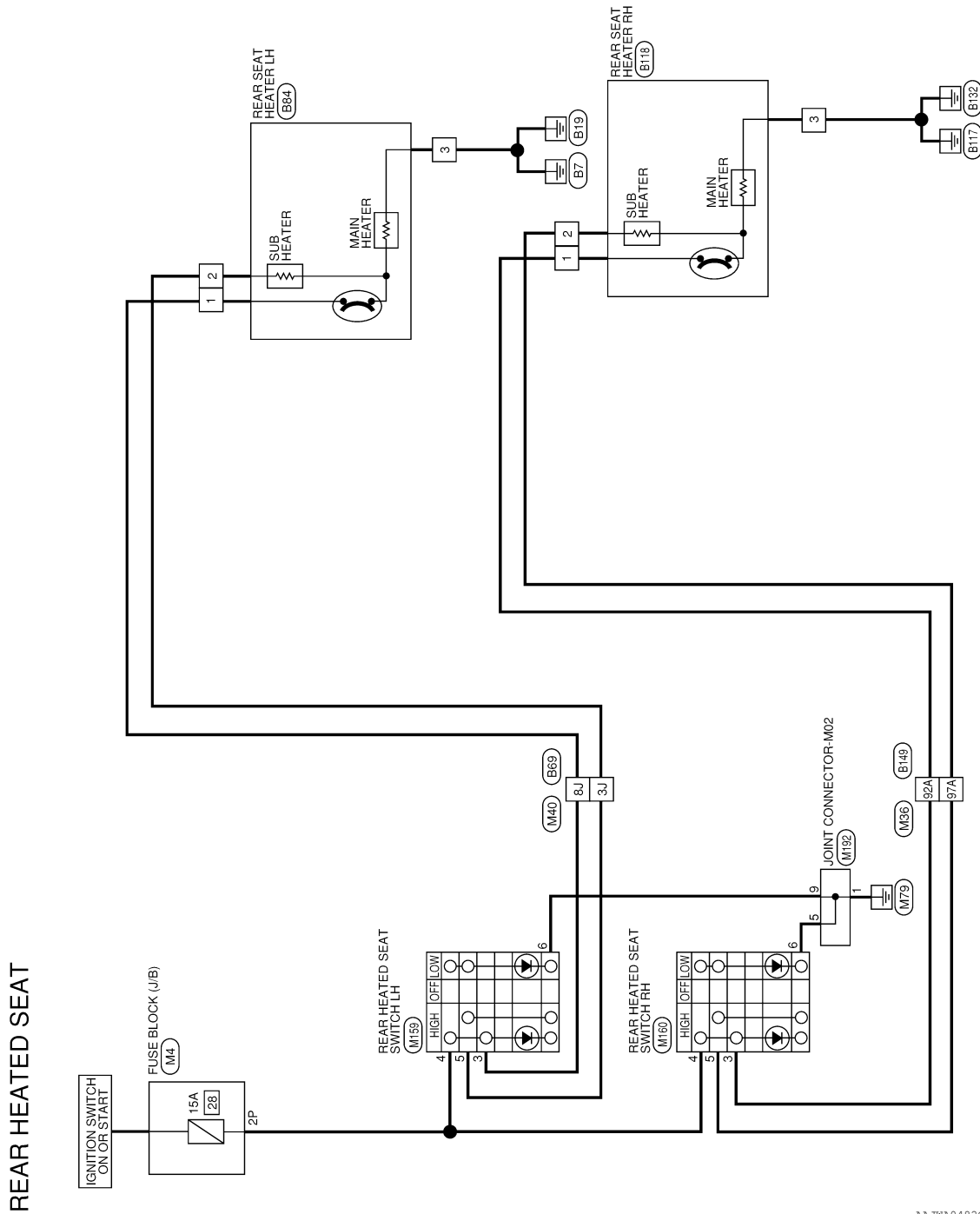
REAR HEATED SEAT

< WIRING DIAGRAM >

REAR HEATED SEAT

Wiring Diagram

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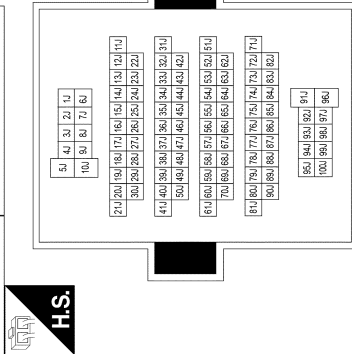
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REAR HEATED SEAT

< WIRING DIAGRAM >

REAR HEATED SEAT CONNECTORS

Connector No.	B69
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4
Connector Color	WHITE

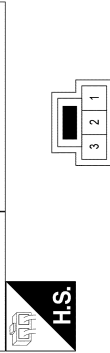


Terminal No.	Color of Wire	Signal Name
1J	P	TO MAIN HARNESS
2J	P/Y	TO MAIN HARNESS
3J	L	TO MAIN HARNESS
4J	L/B	TO MAIN HARNESS
5J	G/W	TO MAIN HARNESS
6J	LG/Y	TO MAIN HARNESS
7J	BR/LG	TO MAIN HARNESS
8J	SB/BR	TO MAIN HARNESS
9J	BR	TO MAIN HARNESS
10J	BR	TO MAIN HARNESS
11J	O/B	TO MAIN HARNESS
12J	L	TO MAIN HARNESS
13J	SB/O	TO MAIN HARNESS
14J	Y	TO MAIN HARNESS
15J	-	TO MAIN HARNESS
16J	R	TO MAIN HARNESS
17J	G	TO MAIN HARNESS
18J	SB	TO MAIN HARNESS
19J	O	TO MAIN HARNESS
20J	O/B	TO MAIN HARNESS
21J	Y/R	TO MAIN HARNESS
22J	P	TO MAIN HARNESS
23J	W	TO MAIN HARNESS
24J	W/R	TO MAIN HARNESS
25J	V	TO MAIN HARNESS
26J	L	TO MAIN HARNESS
27J	R	TO MAIN HARNESS

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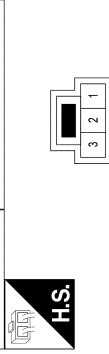
80J	W	TO MAIN HARNESS
81J	SHIELD	TO MAIN HARNESS
82J	L/R	TO MAIN HARNESS
83J	-	TO MAIN HARNESS
84J	-	TO MAIN HARNESS
85J	Y/B	TO MAIN HARNESS
86J	G	TO MAIN HARNESS
87J	B/R	TO MAIN HARNESS
88J	SHIELD	TO MAIN HARNESS
89J	GR/R	TO MAIN HARNESS
90J	L	TO MAIN HARNESS
91J	L/B	TO MAIN HARNESS
92J	SB	TO MAIN HARNESS
93J	B	TO MAIN HARNESS
94J	L	TO MAIN HARNESS
95J	LG	TO MAIN HARNESS
96J	R	TO MAIN HARNESS
97J	B/Y	TO MAIN HARNESS
98J	L/B	TO MAIN HARNESS
99J	W/L	TO MAIN HARNESS
100J	SB	TO MAIN HARNESS

Connector No.	B84
Connector Name	REAR SEAT HEATER LH
Connector Type	NS03MMW-CS
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	SB/BR	HEATED SEAT SWITCH OUTPUT (LOW)
2	L	HEATED SEAT SWITCH OUTPUT (HIGH)
3	B	GROUND

Connector No.	B118
Connector Name	REAR SEAT HEATER RH
Connector Type	NS03MMW-CS
Connector Color	WHITE



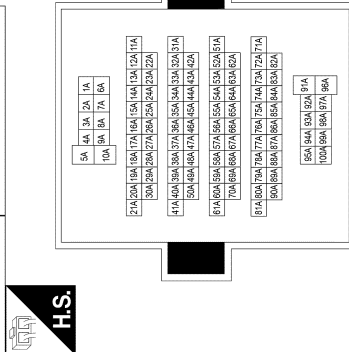
Terminal No.	Color of Wire	Signal Name
1	BR	HEATED SEAT SWITCH OUTPUT (LOW)
2	LG	HEATED SEAT SWITCH OUTPUT (HIGH)
3	B	GROUND

REAR HEATED SEAT

< WIRING DIAGRAM >

REAR HEATED SEAT CONNECTORS

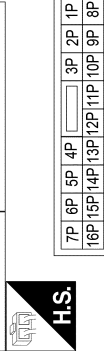
Connector No.	B149
Connector Name	WIRE TO WIRE
Connector Type	TH80MDGY-CS16-TM4
Connector Color	GRAY



23A	TO MAIN HARNESS	Y/LG
24A	TO MAIN HARNESS	B/Y
25A	TO MAIN HARNESS	-
26A	TO MAIN HARNESS	GR
27A	TO MAIN HARNESS	LG
28A	TO MAIN HARNESS	LG/B
29A	TO MAIN HARNESS	-
30A	TO MAIN HARNESS	BR
31A	TO MAIN HARNESS	W/R
32A	TO MAIN HARNESS	G/R
33A	TO MAIN HARNESS	-
34A	TO MAIN HARNESS	SHIELD
35A	TO MAIN HARNESS	P
36A	TO MAIN HARNESS	B
37A	TO MAIN HARNESS	-
38A	TO MAIN HARNESS	P/B
39A	TO MAIN HARNESS	G/O
40A	TO MAIN HARNESS	V
41A	TO MAIN HARNESS	SHIELD
42A	TO MAIN HARNESS	SHIELD
43A	TO MAIN HARNESS	R
44A	TO MAIN HARNESS	G
45A	TO MAIN HARNESS	-
46A	TO MAIN HARNESS	-
47A	TO MAIN HARNESS	Y
48A	TO MAIN HARNESS	R/W
49A	TO MAIN HARNESS	R/L
50A	TO MAIN HARNESS	B
51A	TO MAIN HARNESS	-
52A	TO MAIN HARNESS	-
53A	TO MAIN HARNESS	-
54A	TO MAIN HARNESS	-
55A	TO MAIN HARNESS	-
56A	TO MAIN HARNESS	-
57A	TO MAIN HARNESS	-
58A	TO MAIN HARNESS	-
59A	TO MAIN HARNESS	-
60A	TO MAIN HARNESS	G/W
61A	TO MAIN HARNESS	-
62A	TO MAIN HARNESS	-
63A	TO MAIN HARNESS	-
64A	TO MAIN HARNESS	-
65A	TO MAIN HARNESS	-
66A	TO MAIN HARNESS	-
67A	TO MAIN HARNESS	-
68A	TO MAIN HARNESS	-
69A	TO MAIN HARNESS	Y/R
70A	TO MAIN HARNESS	R/G
71A	TO MAIN HARNESS	-
72A	TO MAIN HARNESS	Y/B
73A	TO MAIN HARNESS	G
74A	TO MAIN HARNESS	B/R
75A	TO MAIN HARNESS	SHIELD

76A	GR/R	TO MAIN HARNESS
77A	L	TO MAIN HARNESS
78A	SHIELD	TO MAIN HARNESS
79A	Y	TO MAIN HARNESS
80A	L	TO MAIN HARNESS
81A	R	TO MAIN HARNESS
82A	SHIELD	TO MAIN HARNESS
83A	LG/B	TO MAIN HARNESS
84A	R	TO MAIN HARNESS
85A	SHIELD	TO MAIN HARNESS
86A	GR/B	TO MAIN HARNESS
87A	B	TO MAIN HARNESS
88A	W	TO MAIN HARNESS
89A	SHIELD	TO MAIN HARNESS
90A	G	TO MAIN HARNESS
91A	W/L	TO MAIN HARNESS
92A	BR	TO MAIN HARNESS
93A	L/Y	TO MAIN HARNESS
94A	R/L	TO MAIN HARNESS
95A	BR	TO MAIN HARNESS
96A	R	TO MAIN HARNESS
97A	LG	TO MAIN HARNESS
98A	B/V	TO MAIN HARNESS
99A	O/L	TO MAIN HARNESS
100A	BR/W	TO MAIN HARNESS

Connector No.	M4
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FW-CS
Connector Color	WHITE



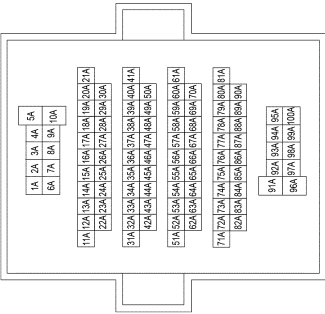
Terminal No.	Color of Wire	Signal Name
1P	R	IGNITION
2P	Y	IGNITION
3P	G	IGNITION RELAY OUT
4P	B/W	RR DEF RLY
5P	B/W	RR DEF RLY
6P	O	RR DEF RLY OUT
7P	G	IGNITION
8P	W	IGNITION
9P	L	BATTERY
10P	-	-
11P	-	-
12P	-	-
13P	R	BATTERY

REAR HEATED SEAT

< WIRING DIAGRAM >

REAR HEATED SEAT CONNECTORS

Connector No.	M36
Connector Name	WIRE TO WIRE
Connector Type	TH80FDGY-CST6-TM4
Connector Color	GRAY



Terminal No.	Color of Wire	Signal Name
1A	W	TO BODY NO. 2 HARNESS
2A	LG	TO BODY NO. 2 HARNESS
3A	V	TO BODY NO. 2 HARNESS
4A	SB	TO BODY NO. 2 HARNESS
5A	-	TO BODY NO. 2 HARNESS
6A	BG	TO BODY NO. 2 HARNESS - (WITH CLIMATE CONTROLLED SEAT)
6A	LG	TO BODY NO. 2 HARNESS - (WITHOUT CLIMATE CONTROLLED SEAT)
7A	W	TO BODY NO. 2 HARNESS
8A	B	TO BODY NO. 2 HARNESS
9A	L/B	TO BODY NO. 2 HARNESS
10A	W	TO BODY NO. 2 HARNESS
11A	R	TO BODY NO. 2 HARNESS
12A	BR	TO BODY NO. 2 HARNESS
13A	G	TO BODY NO. 2 HARNESS
14A	P/G	TO BODY NO. 2 HARNESS
15A	O	TO BODY NO. 2 HARNESS
16A	O/L	TO BODY NO. 2 HARNESS
17A	L	TO BODY NO. 2 HARNESS
18A	Y	TO BODY NO. 2 HARNESS
19A	B/W	TO BODY NO. 2 HARNESS
20A	R	TO BODY NO. 2 HARNESS
21A	BG	TO BODY NO. 2 HARNESS

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76A	SHIELD	TO BODY NO. 2 HARNESS
76A	R	TO BODY NO. 2 HARNESS
77A	L	TO BODY NO. 2 HARNESS
78A	SHIELD	TO BODY NO. 2 HARNESS
79A	GR	TO BODY NO. 2 HARNESS
80A	V	TO BODY NO. 2 HARNESS
81A	R	TO BODY NO. 2 HARNESS
82A	SHIELD	TO BODY NO. 2 HARNESS
83A	R	TO BODY NO. 2 HARNESS
84A	O	TO BODY NO. 2 HARNESS
85A	SHIELD	TO BODY NO. 2 HARNESS
86A	W	TO BODY NO. 2 HARNESS
87A	B	TO BODY NO. 2 HARNESS
88A	W	TO BODY NO. 2 HARNESS
89A	SHIELD	TO BODY NO. 2 HARNESS
90A	G	TO BODY NO. 2 HARNESS
91A	W/L	TO BODY NO. 2 HARNESS
92A	BR	TO BODY NO. 2 HARNESS
93A	L/Y	TO BODY NO. 2 HARNESS
94A	R/L	TO BODY NO. 2 HARNESS
95A	BR	TO BODY NO. 2 HARNESS
96A	R	TO BODY NO. 2 HARNESS
97A	LG	TO BODY NO. 2 HARNESS
98A	B/V	TO BODY NO. 2 HARNESS
99A	O/L	TO BODY NO. 2 HARNESS
100A	BR/W	TO BODY NO. 2 HARNESS

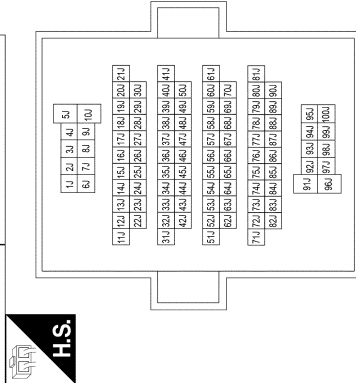
22A	G	TO BODY NO. 2 HARNESS
23A	Y	TO BODY NO. 2 HARNESS
24A	L	TO BODY NO. 2 HARNESS
25A	-	TO BODY NO. 2 HARNESS
26A	GR	TO BODY NO. 2 HARNESS
27A	LG	TO BODY NO. 2 HARNESS
28A	LG	TO BODY NO. 2 HARNESS
29A	GR	TO BODY NO. 2 HARNESS
30A	BR	TO BODY NO. 2 HARNESS
31A	W/R	TO BODY NO. 2 HARNESS
32A	G/R	TO BODY NO. 2 HARNESS
33A	-	TO BODY NO. 2 HARNESS
34A	SHIELD	TO BODY NO. 2 HARNESS
35A	P	TO BODY NO. 2 HARNESS
36A	B	TO BODY NO. 2 HARNESS
37A	-	TO BODY NO. 2 HARNESS
38A	R/B	TO BODY NO. 2 HARNESS
39A	G/O	TO BODY NO. 2 HARNESS
40A	V	TO BODY NO. 2 HARNESS
41A	SHIELD	TO BODY NO. 2 HARNESS
42A	SHIELD	TO BODY NO. 2 HARNESS
43A	R	TO BODY NO. 2 HARNESS
44A	G	TO BODY NO. 2 HARNESS
45A	-	TO BODY NO. 2 HARNESS
46A	-	TO BODY NO. 2 HARNESS
47A	Y	TO BODY NO. 2 HARNESS
48A	R/W	TO BODY NO. 2 HARNESS
49A	R/L	TO BODY NO. 2 HARNESS
50A	B	TO BODY NO. 2 HARNESS
51A	-	TO BODY NO. 2 HARNESS
52A	-	TO BODY NO. 2 HARNESS
53A	-	TO BODY NO. 2 HARNESS
54A	-	TO BODY NO. 2 HARNESS
55A	-	TO BODY NO. 2 HARNESS
56A	-	TO BODY NO. 2 HARNESS
57A	-	TO BODY NO. 2 HARNESS
58A	-	TO BODY NO. 2 HARNESS
59A	-	TO BODY NO. 2 HARNESS
60A	G/W	TO BODY NO. 2 HARNESS
61A	-	TO BODY NO. 2 HARNESS
62A	-	TO BODY NO. 2 HARNESS
63A	-	TO BODY NO. 2 HARNESS
64A	-	TO BODY NO. 2 HARNESS
65A	-	TO BODY NO. 2 HARNESS
66A	-	TO BODY NO. 2 HARNESS
67A	-	TO BODY NO. 2 HARNESS
68A	-	TO BODY NO. 2 HARNESS
69A	Y/R	TO BODY NO. 2 HARNESS
70A	R/G	TO BODY NO. 2 HARNESS
71A	-	TO BODY NO. 2 HARNESS
72A	W	TO BODY NO. 2 HARNESS
73A	G	TO BODY NO. 2 HARNESS
74A	W	TO BODY NO. 2 HARNESS

REAR HEATED SEAT

< WIRING DIAGRAM >

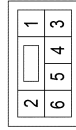
REAR HEATED SEAT CONNECTORS

Connector No.	M40
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4
Connector Color	WHITE



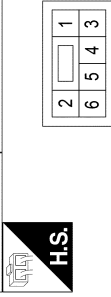
81J	SHIELD	TO BODY HARNESS
82J	L/R	TO BODY HARNESS
83J	-	TO BODY HARNESS
84J	-	TO BODY HARNESS
85J	W	TO BODY HARNESS
86J	G	TO BODY HARNESS
87J	W	TO BODY HARNESS
88J	SHIELD	TO BODY HARNESS
89J	R	TO BODY HARNESS
90J	L	TO BODY HARNESS
91J	L/B	TO BODY HARNESS
92J	SB	TO BODY HARNESS
93J	B	TO BODY HARNESS
94J	LG	TO BODY HARNESS
95J	L	TO BODY HARNESS
96J	G	TO BODY HARNESS
97J	B/Y	TO BODY HARNESS
98J	L/B	TO BODY HARNESS
99J	W/L	TO BODY HARNESS
100J	Y	TO BODY HARNESS

Connector No.	M159
Connector Name	REAR HEATED SEAT SWITCH LH
Connector Type	NS06FW-CS
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	GR	ILLUMINATION -
2	L	ILLUMINATION +
3	SB	HEATED SEAT SWITCH OUTPUT (LOW)
4	Y	IGNITION
5	L	HEATED SEAT SWITCH OUTPUT (HIGH)
6	B	GROUND

Connector No.	M160
Connector Name	REAR HEATED SEAT SWITCH RH
Connector Type	NS06FBR-CS
Connector Color	BROWN



Terminal No.	Color of Wire	Signal Name
1	GR	ILLUMINATION -
2	L	ILLUMINATION +
3	BR	HEATED SEAT SWITCH OUTPUT (LOW)
4	Y	IGNITION
5	LG	HEATED SEAT SWITCH OUTPUT (HIGH)
6	B	GROUND

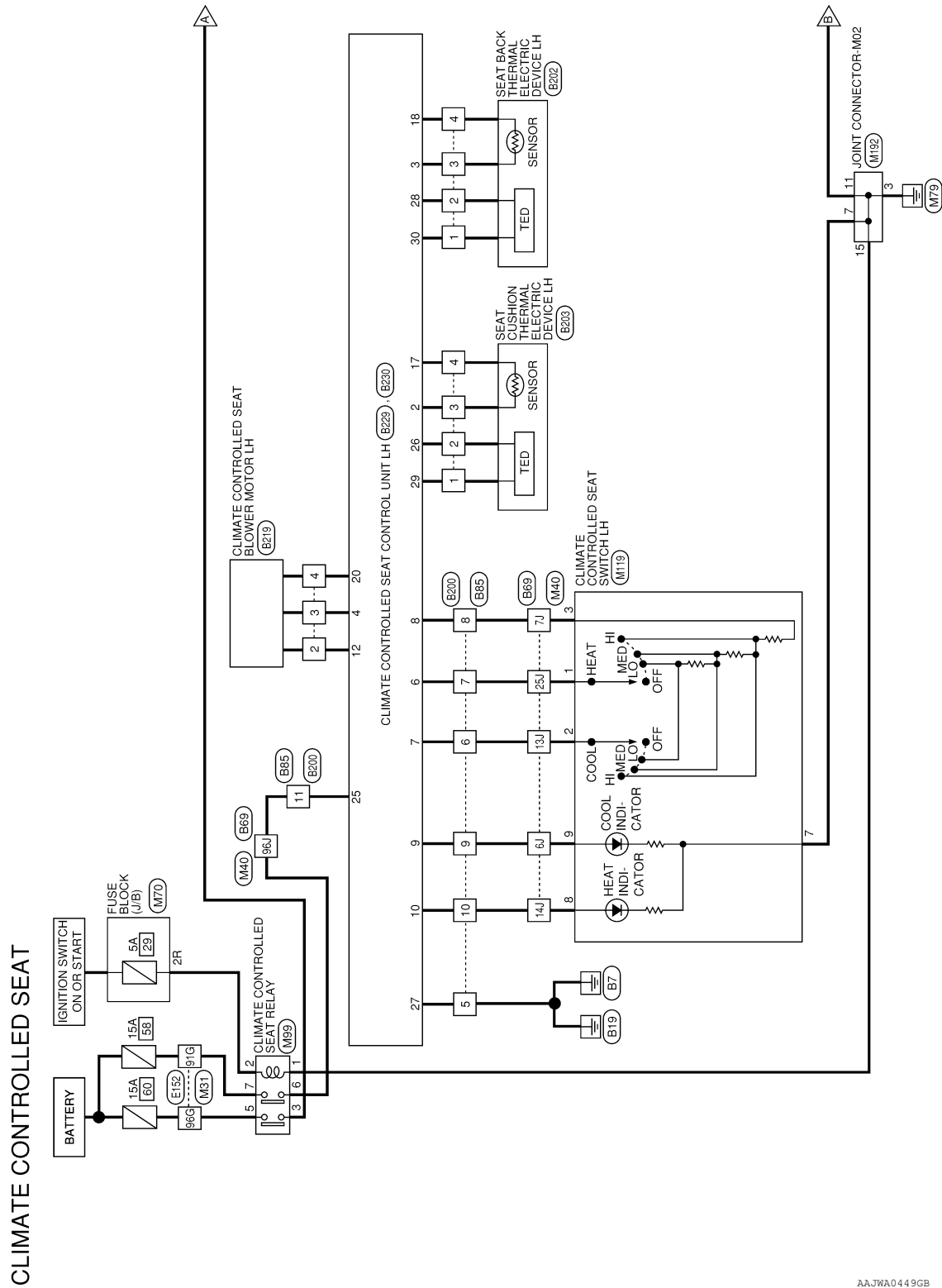
CLIMATE CONTROLLED SEAT

< WIRING DIAGRAM >

CLIMATE CONTROLLED SEAT

Wiring Diagram

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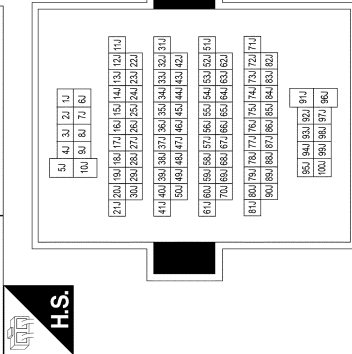


CLIMATE CONTROLLED SEAT

< WIRING DIAGRAM >

CLIMATE CONTROLLED SEAT CONNECTORS

Connector No.	B69
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CS16-TM4
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1J	P	TO MAIN HARNESS
2J	R/Y	TO MAIN HARNESS
3J	L	TO MAIN HARNESS
4J	L/B	TO MAIN HARNESS
5J	G/W	TO MAIN HARNESS
6J	LG/Y	TO MAIN HARNESS
7J	BR/LG	TO MAIN HARNESS
8J	SB/BR	TO MAIN HARNESS
9J	BR	TO MAIN HARNESS
10J	BR	TO MAIN HARNESS
11J	O/B	TO MAIN HARNESS
12J	L	TO MAIN HARNESS
13J	SB/O	TO MAIN HARNESS
14J	Y	TO MAIN HARNESS
15J	-	TO MAIN HARNESS
16J	R	TO MAIN HARNESS
17J	G	TO MAIN HARNESS
18J	SB	TO MAIN HARNESS
19J	O	TO MAIN HARNESS
20J	O/B	TO MAIN HARNESS
21J	Y/R	TO MAIN HARNESS
22J	P	TO MAIN HARNESS
23J	W	TO MAIN HARNESS
24J	W/R	TO MAIN HARNESS
25J	V	TO MAIN HARNESS
26J	L	TO MAIN HARNESS
27J	R	TO MAIN HARNESS

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80J	W	TO MAIN HARNESS
81J	SHIELD	TO MAIN HARNESS
82J	L/R	TO MAIN HARNESS
83J	-	TO MAIN HARNESS
84J	-	TO MAIN HARNESS
85J	Y/B	TO MAIN HARNESS
86J	G	TO MAIN HARNESS
87J	B/R	TO MAIN HARNESS
88J	SHIELD	TO MAIN HARNESS
89J	GR/R	TO MAIN HARNESS
90J	L	TO MAIN HARNESS
91J	L/B	TO MAIN HARNESS
92J	SB	TO MAIN HARNESS
93J	B	TO MAIN HARNESS
94J	L	TO MAIN HARNESS
95J	LG	TO MAIN HARNESS
96J	R	TO MAIN HARNESS
97J	B/Y	TO MAIN HARNESS
98J	L/B	TO MAIN HARNESS
99J	W/L	TO MAIN HARNESS
100J	SB	TO MAIN HARNESS

Connector No.	B85
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS
Connector Color	WHITE



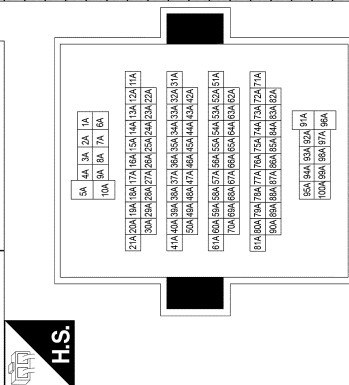
1	2	3	4	5
6	7	8	9	10
11	12			

Terminal No.	Color of Wire	Signal Name
1	L/B	TO FRONT SEAT LH HARNESS
2	B	TO FRONT SEAT LH HARNESS
3	O/B	TO FRONT SEAT LH HARNESS
4	B	TO FRONT SEAT LH HARNESS
5	B	TO FRONT SEAT LH HARNESS
6	SB/O	TO FRONT SEAT LH HARNESS
7	V	TO FRONT SEAT LH HARNESS
8	BR/LG	TO FRONT SEAT LH HARNESS
9	LG/Y	TO FRONT SEAT LH HARNESS
10	Y	TO FRONT SEAT LH HARNESS
11	R	TO FRONT SEAT LH HARNESS
12	-	TO FRONT SEAT LH HARNESS

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< WIRING DIAGRAM >

Connector No.	B149
Connector Name	WIRE TO WIRE
Connector Type	TH80MDGY-CS16-TM4
Connector Color	GRAY



23A	Y/LG	TO MAIN HARNESS
24A	B/Y	TO MAIN HARNESS
25A	-	TO MAIN HARNESS
26A	GR	TO MAIN HARNESS
27A	LG	TO MAIN HARNESS
28A	LG/B	TO MAIN HARNESS
29A	-	TO MAIN HARNESS
30A	BR	TO MAIN HARNESS
31A	W/R	TO MAIN HARNESS
32A	G/R	TO MAIN HARNESS
33A	-	TO MAIN HARNESS
34A	SHIELD	TO MAIN HARNESS
35A	P	TO MAIN HARNESS
36A	B	TO MAIN HARNESS
37A	-	TO MAIN HARNESS
38A	R/B	TO MAIN HARNESS
39A	G/O	TO MAIN HARNESS
40A	V	TO MAIN HARNESS
41A	SHIELD	TO MAIN HARNESS
42A	SHIELD	TO MAIN HARNESS
43A	R	TO MAIN HARNESS
44A	G	TO MAIN HARNESS
45A	-	TO MAIN HARNESS
46A	-	TO MAIN HARNESS
47A	Y	TO MAIN HARNESS
48A	R/W	TO MAIN HARNESS
49A	R/L	TO MAIN HARNESS
50A	B	TO MAIN HARNESS
51A	-	TO MAIN HARNESS
52A	-	TO MAIN HARNESS
53A	-	TO MAIN HARNESS
54A	-	TO MAIN HARNESS
55A	-	TO MAIN HARNESS
56A	-	TO MAIN HARNESS
57A	-	TO MAIN HARNESS
58A	-	TO MAIN HARNESS
59A	-	TO MAIN HARNESS
60A	G/W	TO MAIN HARNESS
61A	-	TO MAIN HARNESS
62A	-	TO MAIN HARNESS
63A	-	TO MAIN HARNESS
64A	-	TO MAIN HARNESS
65A	-	TO MAIN HARNESS
66A	-	TO MAIN HARNESS
67A	-	TO MAIN HARNESS
68A	-	TO MAIN HARNESS
69A	Y/R	TO MAIN HARNESS
70A	R/G	TO MAIN HARNESS
71A	-	TO MAIN HARNESS
72A	Y/B	TO MAIN HARNESS
73A	G	TO MAIN HARNESS
74A	B/R	TO MAIN HARNESS
75A	SHIELD	TO MAIN HARNESS

Terminal No.	Color of Wire	Signal Name
1A	SB/G	TO MAIN HARNESS - (WITHOUT CLIMATE CONTROLLED SEATS)
1A	SB	TO MAIN HARNESS - (WITH CLIMATE CONTROLLED SEATS)
2A	L	TO MAIN HARNESS
3A	V	TO MAIN HARNESS
4A	SB/R	TO MAIN HARNESS
5A	-	TO MAIN HARNESS
6A	LG/Y	TO MAIN HARNESS - (WITHOUT CLIMATE CONTROLLED SEATS)
6A	LG	TO MAIN HARNESS - (WITH CLIMATE CONTROLLED SEATS)
7A	W	TO MAIN HARNESS
8A	B	TO MAIN HARNESS
9A	L/B	TO MAIN HARNESS
10A	W	TO MAIN HARNESS
11A	LG	TO MAIN HARNESS
12A	BR/O	TO MAIN HARNESS
13A	Y/W	TO MAIN HARNESS
14A	R/G	TO MAIN HARNESS
15A	Y/L	TO MAIN HARNESS
16A	O/L	TO MAIN HARNESS
17A	L	TO MAIN HARNESS
18A	Y	TO MAIN HARNESS
19A	LG	TO MAIN HARNESS
20A	R	TO MAIN HARNESS
21A	BG	TO MAIN HARNESS
22A	W	TO MAIN HARNESS

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76A	GRIP	TO MAIN HARNESS
77A	L	TO MAIN HARNESS
78A	SHIELD	TO MAIN HARNESS
79A	Y	TO MAIN HARNESS
80A	L	TO MAIN HARNESS
81A	R	TO MAIN HARNESS
82A	SHIELD	TO MAIN HARNESS
83A	LGB	TO MAIN HARNESS
84A	R	TO MAIN HARNESS
85A	SHIELD	TO MAIN HARNESS
86A	GRIP	TO MAIN HARNESS
87A	B	TO MAIN HARNESS
88A	W	TO MAIN HARNESS
89A	SHIELD	TO MAIN HARNESS
90A	G	TO MAIN HARNESS
91A	W/L	TO MAIN HARNESS
92A	BR	TO MAIN HARNESS
93A	L/Y	TO MAIN HARNESS
94A	R/L	TO MAIN HARNESS
95A	BR	TO MAIN HARNESS
96A	R	TO MAIN HARNESS
97A	LG	TO MAIN HARNESS
98A	B/W	TO MAIN HARNESS
99A	O/L	TO MAIN HARNESS
100A	BR/W	TO MAIN HARNESS

Connector No.	B160
Connector Name	WIRE TO WIRE
Connector Type	NS12FW-CS
Connector Color	WHITE



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

9	LG	TO FRONT SEAT RH HARNESS - (WITH CLIMATE CONTROLLED SEATS)
9	LG/Y	TO FRONT SEAT RH HARNESS (WITHOUT CLIMATE CONTROLLED SEATS)
10	Y/L	TO FRONT SEAT RH HARNESS
11	W	TO FRONT SEAT RH HARNESS
12	-	TO FRONT SEAT RH HARNESS

Connector No.	B200
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS
Connector Color	WHITE



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

Terminal No.	Color of Wire	Signal Name
1	R	TO BODY HARNESS
2	P	TO BODY HARNESS
3	BR	TO BODY HARNESS
4	B	TO BODY HARNESS
5	GR	TO BODY HARNESS
6	B	TO BODY HARNESS
7	G	TO BODY HARNESS
8	LG	TO BODY HARNESS -(WITHOUT CLIMATE CONTROLLED SEATS)
8	Y	TO BODY HARNESS -(WITH CLIMATE CONTROLLED SEATS)
9	R	TO BODY HARNESS -(WITHOUT CLIMATE CONTROLLED SEATS)
9	W	TO BODY HARNESS -(WITH CLIMATE CONTROLLED SEATS)
10	LG	TO BODY HARNESS
11	R	TO BODY HARNESS
12	GR	TO BODY HARNESS

Terminal No.	Color of Wire	Signal Name
1	L/B	TO FRONT SEAT RH HARNESS
2	B	TO FRONT SEAT RH HARNESS
3	B/G	TO FRONT SEAT RH HARNESS
4	B	TO FRONT SEAT RH HARNESS
5	B	TO FRONT SEAT RH HARNESS
6	Y/W	TO FRONT SEAT RH HARNESS
7	B/Y	TO FRONT SEAT RH HARNESS
8	SB	TO FRONT SEAT RH HARNESS - (WITH CLIMATE CONTROLLED SEATS)
8	SB/G	TO FRONT SEAT RH HARNESS (WITHOUT CLIMATE CONTROLLED SEATS)

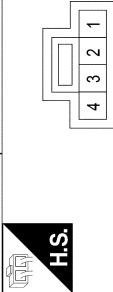
11	R	TO BODY HARNESS
12	GD	TO BODY HARNESS

CLIMATE CONTROLLED SEAT

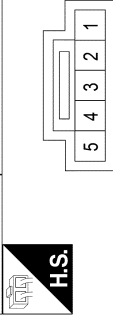
< WIRING DIAGRAM >

CLIMATE CONTROLLED SEAT CONNECTORS

Connector No.	B202
Connector Name	SEAT BACK THERMAL ELECTRIC DEVICE LH
Connector Type	6098-2163
Connector Color	WHITE

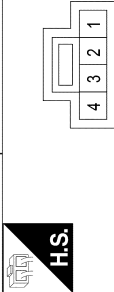


Connector No.	B219
Connector Name	CLIMATE CONTROLLED SEAT BLOWER MOTOR LH
Connector Type	7283-5830
Connector Color	WHITE



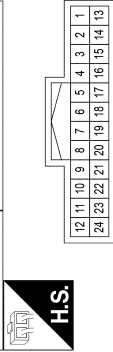
Terminal No.	Color of Wire	Signal Name
1	W	TED + HEAT
2	G	TED - HEAT
3	L	SENS
4	V	RET SEN

Connector No.	B203
Connector Name	SEAT CUSHION THERMAL ELECTRIC DEVICE LH
Connector Type	6098-2163
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	-	-
2	R	VM1
3	P	VSP1
4	GR	GND
5	-	-

Connector No.	B229
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT LH
Connector Type	TH24FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	L	TED + HEAT
2	LG	TED - HEAT
3	BR	SENS CUSH
4	BG	RET SEN

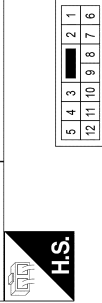
17	BG	RET CUSH SEN
18	V	RET BACK SEN
19	-	-
20	GR	GND BLOWER
21	-	-
22	-	-
23	-	-
24	-	-

Connector No.	B230
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT LH
Connector Type	TY004-929504-2
Connector Color	BLACK



Terminal No.	Color of Wire	Signal Name
25	R	A/C IGN
26	LG	CUSH TED - HEAT
27	GR	A/C CTRL GND
28	G	BACK TED - HEAT
29	L	CUSH TED + HEAT
30	W	BACK TED + HEAT

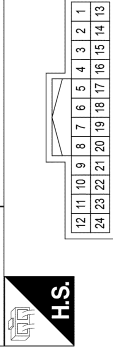
Connector No.	B300
Connector Name	WIRE TO WIRE
Connector Type	NS12MW-CS
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	R	TO BODY NO. 2 HARNESS
2	P	TO BODY NO. 2 HARNESS
3	BR	TO BODY NO. 2 HARNESS
4	B	TO BODY NO. 2 HARNESS
5	GR	TO BODY NO. 2 HARNESS
6	B	TO BODY NO. 2 HARNESS
7	G	TO BODY NO. 2 HARNESS

8	Y	TO BODY NO. 2 HARNESS - (WITH CLIMATE CONTROLLED SEAT)
8	LG	TO BODY NO. 2 HARNESS - (WITHOUT CLIMATE CONTROLLED SEAT)
9	W	TO BODY NO. 2 HARNESS - (WITH CLIMATE CONTROLLED SEAT)
9	R	TO BODY NO. 2 HARNESS - (WITHOUT CLIMATE CONTROLLED SEAT)
10	LG	TO BODY NO. 2 HARNESS
11	R	TO BODY NO. 2 HARNESS
12	SB	TO BODY NO. 2 HARNESS

Connector No.	B304
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT RH
Connector Type	TH24FW-NH
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	-	-
2	BR	SENS CUSH
3	L	SENS BACK
4	P	VSP1 BLOW
5	-	-
6	G	A/C HEAT SW
7	B	A/C COOL SW
8	Y	A/C SW UNIT
9	W	A/C COOL IND
10	LG	A/C HEAT IND
11	-	-
12	R	VM1 BLOW
13	-	-
14	-	-
15	-	-
16	-	-
17	BG	RET CUSH SEN
18	V	RET BACK SEN
19	-	-
20	GR	GND BLOWER
21	-	-
22	-	-
23	-	-
24	-	-

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CLIMATE CONTROLLED SEAT

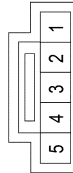
< WIRING DIAGRAM >

CLIMATE CONTROLLED SEAT CONNECTORS

Connector No.	B305
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT RH
Connector Type	TY004-929504-2
Connector Color	BLACK



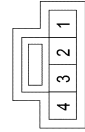
Terminal No.	Color of Wire	Signal Name
25	R	A/C IGN
26	LG	CUSH TED -HEAT
27	GR	A/C CTRL GND
28	G	BACK TED -HEAT
29	L	CUSH TED +HEAT
30	W	BACK TED -HEAT



Connector No.	B307
Connector Name	CLIMATE CONTROLLED SEAT BLOWER MOTOR RH
Connector Type	7283-5830
Connector Color	WHITE

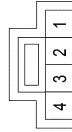
Terminal No.	Color of Wire	Signal Name
1	-	-
2	R	VM1
3	P	VSP1
4	GR	GND
5	-	-

Connector No.	B312
Connector Name	SEAT CUSHION THERMAL ELECTRIC DEVICE RH
Connector Type	6098-2163
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	L	TED + HEAT
2	LG	TED - HEAT
3	BR	SENS
4	BG	RET SEN

Connector No.	B313
Connector Name	SEAT BACK THERMAL ELECTRIC DEVICE RH
Connector Type	6098-2163
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	W	TED + HEAT
2	G	TED - HEAT
3	L	SENS
4	V	RET SEN

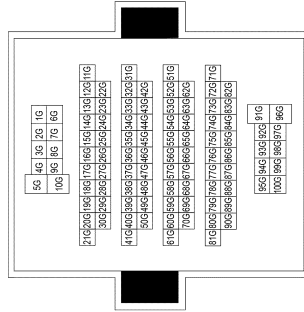
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CLIMATE CONTROLLED SEAT

< WIRING DIAGRAM >

CLIMATE CONTROLLED SEAT CONNECTORS

Connector No.	E152
Connector Name	WIRE TO WIRE
Connector Type	TH80MW-CST6-TM4
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1G	G	TO MAIN HARNESS
2G	B/R	TO MAIN HARNESS
3G	W/B	TO MAIN HARNESS
4G	BR/W	TO MAIN HARNESS
5G	BR	TO MAIN HARNESS
6G	P	TO MAIN HARNESS - (WITH V/G5VD)
6G	R/W	TO MAIN HARNESS - (WITH CUMMINS 5.0L)
7G	Y	TO MAIN HARNESS
8G	G	TO MAIN HARNESS
9G	R	TO MAIN HARNESS
10G	W	TO MAIN HARNESS
11G	R/G	TO MAIN HARNESS
12G	W/B	TO MAIN HARNESS
13G	BR	TO MAIN HARNESS
14G	Y/B	TO MAIN HARNESS
15G	G/W	TO MAIN HARNESS
16G	G	TO MAIN HARNESS
17G	G/Y	TO MAIN HARNESS
18G	G/Y	TO MAIN HARNESS
19G	Y/W	TO MAIN HARNESS
20G	G/Y	TO MAIN HARNESS
21G	B/Y	TO MAIN HARNESS
22G	G/R	TO MAIN HARNESS
23G	Y/R	TO MAIN HARNESS

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72G	L/W	TO MAIN HARNESS
73G	S/HIELD	TO MAIN HARNESS
74G	W	TO MAIN HARNESS
75G	R	TO MAIN HARNESS
76G	R/G	TO MAIN HARNESS
77G	G	TO MAIN HARNESS
78G	W	TO MAIN HARNESS
79G	-	TO MAIN HARNESS
80G	R	TO MAIN HARNESS
81G	L	TO MAIN HARNESS
82G	R	TO MAIN HARNESS
83G	L	TO MAIN HARNESS
84G	L	TO MAIN HARNESS
85G	W/B	TO MAIN HARNESS
86G	B/R	TO MAIN HARNESS
87G	W/B	TO MAIN HARNESS
88G	P	TO MAIN HARNESS
89G	L	TO MAIN HARNESS
90G	G	TO MAIN HARNESS
91G	G	TO MAIN HARNESS
92G	V/W	TO MAIN HARNESS
93G	BR	TO MAIN HARNESS
94G	G	TO MAIN HARNESS
95G	G	TO MAIN HARNESS
96G	W	TO MAIN HARNESS
97G	R	TO MAIN HARNESS
98G	W/B	TO MAIN HARNESS
99G	BR	TO MAIN HARNESS
100G	GR/W	TO MAIN HARNESS

24G	G/B	TO MAIN HARNESS
25G	R/W	TO MAIN HARNESS
26G	R	TO MAIN HARNESS
27G	L/G	TO MAIN HARNESS
28G	G/B	TO MAIN HARNESS
29G	G/B	TO MAIN HARNESS
30G	BR/Y	TO MAIN HARNESS - (WITH CUMMINS 5.0L)
31G	P	TO MAIN HARNESS - (WITH V/G5VD)
31G	R	TO MAIN HARNESS - (WITH V/G5VD)
32G	P	TO MAIN HARNESS
33G	Y/L	TO MAIN HARNESS
34G	GR	TO MAIN HARNESS
35G	G/R	TO MAIN HARNESS
36G	SB	TO MAIN HARNESS
37G	R/W	TO MAIN HARNESS
38G	BR	TO MAIN HARNESS
39G	BR	TO MAIN HARNESS
40G	-	TO MAIN HARNESS
41G	R/G	TO MAIN HARNESS
42G	O	TO MAIN HARNESS
43G	B	TO MAIN HARNESS - (WITH CUMMINS 5.0L)
43G	G	TO MAIN HARNESS - (WITH V/G5VD)
44G	R/Y	TO MAIN HARNESS
45G	G	TO MAIN HARNESS
46G	L/G	TO MAIN HARNESS
47G	R	TO MAIN HARNESS
48G	W	TO MAIN HARNESS
49G	-	TO MAIN HARNESS
50G	BR	TO MAIN HARNESS
51G	R	TO MAIN HARNESS
52G	L	TO MAIN HARNESS
53G	W	TO MAIN HARNESS
54G	W	TO MAIN HARNESS
55G	G	TO MAIN HARNESS
56G	W	TO MAIN HARNESS
57G	Y	TO MAIN HARNESS
58G	B/G	TO MAIN HARNESS
59G	B/G	TO MAIN HARNESS
60G	B/G	TO MAIN HARNESS
61G	B	TO MAIN HARNESS
62G	W	TO MAIN HARNESS
63G	R	TO MAIN HARNESS
64G	W/L	TO MAIN HARNESS
65G	W/R	TO MAIN HARNESS
66G	B/G	TO MAIN HARNESS
67G	B/G	TO MAIN HARNESS
68G	B	TO MAIN HARNESS
69G	Y	TO MAIN HARNESS
70G	L	TO MAIN HARNESS
71G	R/W	TO MAIN HARNESS

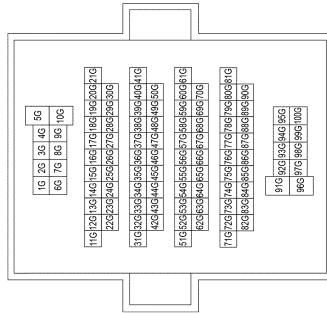
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CLIMATE CONTROLLED SEAT

< WIRING DIAGRAM >

CLIMATE CONTROLLED SEAT CONNECTORS

Connector No.	M31
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1G	G	TO ENGINE ROOM HARNESS
2G	B/R	TO ENGINE ROOM HARNESS
3G	W	TO ENGINE ROOM HARNESS
4G	BR/W	TO ENGINE ROOM HARNESS
5G	-	TO ENGINE ROOM HARNESS
6G	R/W	TO ENGINE ROOM HARNESS
7G	Y	TO ENGINE ROOM HARNESS
8G	G	TO ENGINE ROOM HARNESS
9G	R	TO ENGINE ROOM HARNESS
10G	W	TO ENGINE ROOM HARNESS
11G	R/G	TO ENGINE ROOM HARNESS
12G	W/B	TO ENGINE ROOM HARNESS
13G	BR	TO ENGINE ROOM HARNESS
14G	Y/B	TO ENGINE ROOM HARNESS
15G	G/W	TO ENGINE ROOM HARNESS
16G	G	TO ENGINE ROOM HARNESS
17G	O	TO ENGINE ROOM HARNESS
18G	G/Y	TO ENGINE ROOM HARNESS
19G	Y/V	TO ENGINE ROOM HARNESS
20G	G/Y	TO ENGINE ROOM HARNESS
21G	B/Y	TO ENGINE ROOM HARNESS
22G	G/R	TO ENGINE ROOM HARNESS
23G	Y/R	TO ENGINE ROOM HARNESS
24G	G/B	TO ENGINE ROOM HARNESS
25G	R/W	TO ENGINE ROOM HARNESS
26G	R	TO ENGINE ROOM HARNESS

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80G	R	TO ENGINE ROOM HARNESS
81G	L	TO ENGINE ROOM HARNESS
82G	R	TO ENGINE ROOM HARNESS
83G	L	TO ENGINE ROOM HARNESS
84G	L	TO ENGINE ROOM HARNESS
85G	W	TO ENGINE ROOM HARNESS
86G	B/R	TO ENGINE ROOM HARNESS
87G	W	TO ENGINE ROOM HARNESS
88G	G	TO ENGINE ROOM HARNESS
89G	P	TO ENGINE ROOM HARNESS
90G	G	TO ENGINE ROOM HARNESS
91G	P	TO ENGINE ROOM HARNESS
92G	V/W	TO ENGINE ROOM HARNESS
93G	BR	TO ENGINE ROOM HARNESS
94G	B	TO ENGINE ROOM HARNESS
95G	G	TO ENGINE ROOM HARNESS
96G	R	TO ENGINE ROOM HARNESS
97G	R	TO ENGINE ROOM HARNESS
98G	W/B	TO ENGINE ROOM HARNESS
99G	R	TO ENGINE ROOM HARNESS
100G	GR/W	TO ENGINE ROOM HARNESS

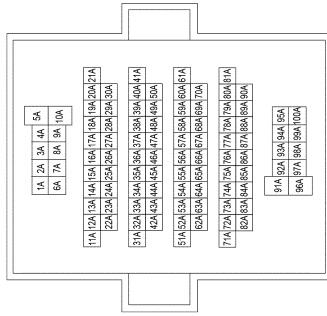
27G	LG	TO ENGINE ROOM HARNESS
28G	G/B	TO ENGINE ROOM HARNESS
29G	G/B	TO ENGINE ROOM HARNESS
30G	BR/Y	TO ENGINE ROOM HARNESS
31G	R	TO ENGINE ROOM HARNESS
32G	R	TO ENGINE ROOM HARNESS
33G	Y/L	TO ENGINE ROOM HARNESS
34G	GR	TO ENGINE ROOM HARNESS
35G	G/R	TO ENGINE ROOM HARNESS
36G	SB	TO ENGINE ROOM HARNESS
37G	R/W	TO ENGINE ROOM HARNESS
38G	BR	TO ENGINE ROOM HARNESS
39G	BR	TO ENGINE ROOM HARNESS
40G	-	TO ENGINE ROOM HARNESS
41G	R/G	TO ENGINE ROOM HARNESS
42G	O	TO ENGINE ROOM HARNESS
43G	G	TO ENGINE ROOM HARNESS
44G	R/Y	TO ENGINE ROOM HARNESS
45G	G	TO ENGINE ROOM HARNESS
46G	LG	TO ENGINE ROOM HARNESS
47G	R	TO ENGINE ROOM HARNESS
48G	W	TO ENGINE ROOM HARNESS
49G	-	TO ENGINE ROOM HARNESS
50G	BR	TO ENGINE ROOM HARNESS
51G	R	TO ENGINE ROOM HARNESS
52G	L	TO ENGINE ROOM HARNESS
53G	W	TO ENGINE ROOM HARNESS
54G	W	TO ENGINE ROOM HARNESS
55G	G	TO ENGINE ROOM HARNESS
56G	W	TO ENGINE ROOM HARNESS
57G	Y	TO ENGINE ROOM HARNESS
58G	BG	TO ENGINE ROOM HARNESS
59G	BG	TO ENGINE ROOM HARNESS
60G	BG	TO ENGINE ROOM HARNESS
61G	O	TO ENGINE ROOM HARNESS
62G	W	TO ENGINE ROOM HARNESS
63G	O	TO ENGINE ROOM HARNESS
64G	W/L	TO ENGINE ROOM HARNESS
65G	W/R	TO ENGINE ROOM HARNESS
66G	BG	TO ENGINE ROOM HARNESS
67G	O	TO ENGINE ROOM HARNESS
68G	B	TO ENGINE ROOM HARNESS
69G	Y	TO ENGINE ROOM HARNESS
70G	L	TO ENGINE ROOM HARNESS
71G	R/W	TO ENGINE ROOM HARNESS
72G	L/W	TO ENGINE ROOM HARNESS
73G	SHIELD	TO ENGINE ROOM HARNESS
74G	W	TO ENGINE ROOM HARNESS
75G	R	TO ENGINE ROOM HARNESS
76G	R/G	TO ENGINE ROOM HARNESS
77G	BG	TO ENGINE ROOM HARNESS
78G	P	TO ENGINE ROOM HARNESS
79G	-	TO ENGINE ROOM HARNESS

CLIMATE CONTROLLED SEAT

< WIRING DIAGRAM >

CLIMATE CONTROLLED SEAT CONNECTORS

Connector No.	M36
Connector Name	WIRE TO WIRE
Connector Type	TH80FDGY-CS16-TM4
Connector Color	GRAY



Terminal No.	Color of Wire	Signal Name
1A	W	TO BODY NO. 2 HARNESS
2A	LG	TO BODY NO. 2 HARNESS
3A	V	TO BODY NO. 2 HARNESS
4A	SB	TO BODY NO. 2 HARNESS
5A	-	TO BODY NO. 2 HARNESS
6A	BG	TO BODY NO. 2 HARNESS - (WITH CLIMATE CONTROLLED SEAT)
6A	LG	TO BODY NO. 2 HARNESS - (WITH CLIMATE CONTROLLED SEAT)
7A	W	TO BODY NO. 2 HARNESS
8A	B	TO BODY NO. 2 HARNESS
9A	L/B	TO BODY NO. 2 HARNESS
10A	W	TO BODY NO. 2 HARNESS
11A	R	TO BODY NO. 2 HARNESS
12A	BR	TO BODY NO. 2 HARNESS
13A	G	TO BODY NO. 2 HARNESS
14A	P/G	TO BODY NO. 2 HARNESS
15A	O	TO BODY NO. 2 HARNESS
16A	O/L	TO BODY NO. 2 HARNESS
17A	L	TO BODY NO. 2 HARNESS
18A	Y	TO BODY NO. 2 HARNESS
19A	B/W	TO BODY NO. 2 HARNESS
20A	R	TO BODY NO. 2 HARNESS
21A	BG	TO BODY NO. 2 HARNESS

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75A	SHIELD	TO BODY NO. 2 HARNESS
76A	R	TO BODY NO. 2 HARNESS
77A	L	TO BODY NO. 2 HARNESS
78A	SHIELD	TO BODY NO. 2 HARNESS
79A	GR	TO BODY NO. 2 HARNESS
80A	V	TO BODY NO. 2 HARNESS
81A	R	TO BODY NO. 2 HARNESS
82A	SHIELD	TO BODY NO. 2 HARNESS
83A	R	TO BODY NO. 2 HARNESS
84A	O	TO BODY NO. 2 HARNESS
85A	SHIELD	TO BODY NO. 2 HARNESS
86A	W	TO BODY NO. 2 HARNESS
87A	B	TO BODY NO. 2 HARNESS
88A	W	TO BODY NO. 2 HARNESS
89A	SHIELD	TO BODY NO. 2 HARNESS
90A	G	TO BODY NO. 2 HARNESS
91A	W/L	TO BODY NO. 2 HARNESS
92A	BR	TO BODY NO. 2 HARNESS
93A	L/Y	TO BODY NO. 2 HARNESS
94A	R/L	TO BODY NO. 2 HARNESS
95A	BR	TO BODY NO. 2 HARNESS
96A	R	TO BODY NO. 2 HARNESS
97A	LG	TO BODY NO. 2 HARNESS
98A	B/V	TO BODY NO. 2 HARNESS
99A	O/L	TO BODY NO. 2 HARNESS
100A	BR/W	TO BODY NO. 2 HARNESS

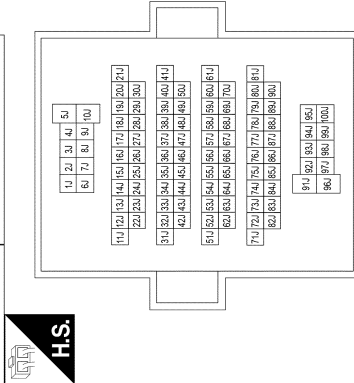
22A	G	TO BODY NO. 2 HARNESS
23A	Y	TO BODY NO. 2 HARNESS
24A	L	TO BODY NO. 2 HARNESS
25A	-	TO BODY NO. 2 HARNESS
26A	GR	TO BODY NO. 2 HARNESS
27A	LG	TO BODY NO. 2 HARNESS
28A	LG	TO BODY NO. 2 HARNESS
29A	GR	TO BODY NO. 2 HARNESS
30A	BR	TO BODY NO. 2 HARNESS
31A	W/R	TO BODY NO. 2 HARNESS
32A	G/R	TO BODY NO. 2 HARNESS
33A	-	TO BODY NO. 2 HARNESS
34A	SHIELD	TO BODY NO. 2 HARNESS
35A	P	TO BODY NO. 2 HARNESS
36A	B	TO BODY NO. 2 HARNESS
37A	-	TO BODY NO. 2 HARNESS
38A	R/B	TO BODY NO. 2 HARNESS
39A	G/O	TO BODY NO. 2 HARNESS
40A	V	TO BODY NO. 2 HARNESS
41A	SHIELD	TO BODY NO. 2 HARNESS
42A	SHIELD	TO BODY NO. 2 HARNESS
43A	R	TO BODY NO. 2 HARNESS
44A	G	TO BODY NO. 2 HARNESS
45A	-	TO BODY NO. 2 HARNESS
46A	-	TO BODY NO. 2 HARNESS
47A	Y	TO BODY NO. 2 HARNESS
48A	R/W	TO BODY NO. 2 HARNESS
49A	R/L	TO BODY NO. 2 HARNESS
50A	B	TO BODY NO. 2 HARNESS
51A	-	TO BODY NO. 2 HARNESS
52A	-	TO BODY NO. 2 HARNESS
53A	-	TO BODY NO. 2 HARNESS
54A	-	TO BODY NO. 2 HARNESS
55A	-	TO BODY NO. 2 HARNESS
56A	-	TO BODY NO. 2 HARNESS
57A	-	TO BODY NO. 2 HARNESS
58A	-	TO BODY NO. 2 HARNESS
59A	-	TO BODY NO. 2 HARNESS
60A	G/W	TO BODY NO. 2 HARNESS
61A	-	TO BODY NO. 2 HARNESS
62A	-	TO BODY NO. 2 HARNESS
63A	-	TO BODY NO. 2 HARNESS
64A	-	TO BODY NO. 2 HARNESS
65A	-	TO BODY NO. 2 HARNESS
66A	-	TO BODY NO. 2 HARNESS
67A	-	TO BODY NO. 2 HARNESS
68A	-	TO BODY NO. 2 HARNESS
69A	Y/R	TO BODY NO. 2 HARNESS
70A	R/G	TO BODY NO. 2 HARNESS
71A	-	TO BODY NO. 2 HARNESS
72A	W	TO BODY NO. 2 HARNESS
73A	G	TO BODY NO. 2 HARNESS
74A	W	TO BODY NO. 2 HARNESS

CLIMATE CONTROLLED SEAT

< WIRING DIAGRAM >

CLIMATE CONTROLLED SEAT CONNECTORS

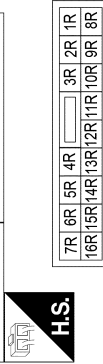
Connector No.	M40
Connector Name	WIRE TO WIRE
Connector Type	TH80FW-CS16-TM4
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1J	G	TO BODY HARNESS
2J	R/Y	TO BODY HARNESS
3J	L	TO BODY HARNESS
4J	L/B	TO BODY HARNESS
5J	B	TO BODY HARNESS
6J	BR	TO BODY HARNESS
7J	BG	TO BODY HARNESS
8J	SB	TO BODY HARNESS
9J	BR	TO BODY HARNESS
10J	R	TO BODY HARNESS
11J	O/B	TO BODY HARNESS
12J	L	TO BODY HARNESS
13J	W	TO BODY HARNESS
14J	Y	TO BODY HARNESS
15J	-	TO BODY HARNESS
16J	R	TO BODY HARNESS
17J	G	TO BODY HARNESS
18J	SB	TO BODY HARNESS
19J	O	TO BODY HARNESS
20J	O/B	TO BODY HARNESS
21J	Y	TO BODY HARNESS
22J	P	TO BODY HARNESS
23J	W	TO BODY HARNESS
24J	W/R	TO BODY HARNESS
25J	P	TO BODY HARNESS
26J	L	TO BODY HARNESS
27J	R	TO BODY HARNESS

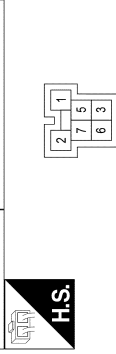
81J	SHIELD	TO BODY HARNESS
82J	L/R	TO BODY HARNESS
83J	-	TO BODY HARNESS
84J	-	TO BODY HARNESS
85J	W	TO BODY HARNESS
86J	G	TO BODY HARNESS
87J	W	TO BODY HARNESS
88J	SHIELD	TO BODY HARNESS
89J	R	TO BODY HARNESS
90J	L	TO BODY HARNESS
91J	L/B	TO BODY HARNESS
92J	SB	TO BODY HARNESS
93J	B	TO BODY HARNESS
94J	LG	TO BODY HARNESS
95J	L	TO BODY HARNESS
96J	G	TO BODY HARNESS
97J	B/Y	TO BODY HARNESS
98J	L/B	TO BODY HARNESS
99J	W/L	TO BODY HARNESS
100J	Y	TO BODY HARNESS

Connector No.	M70
Connector Name	FUSE BLOCK (J/B)
Connector Type	NS16FBR-CS
Connector Color	BROWN



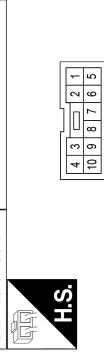
Terminal No.	Color of Wire	Signal Name
1R	L	TAIL LAMP 2
2R	G/R	IGNITION
3R	Y/R	BATTERY
4R	-	-
5R	W	BATTERY
6R	G/W	ACCESSORY
7R	-	-
8R	-	-
9R	-	-
10R	W	BATTERY
11R	-	-
12R	BG	BATTERY
13R	B	ACCESSORY
14R	G/Y	BATTERY
15R	Y	BATTERY
16R	G/R	ACCESSORY

Connector No.	M99
Connector Name	CLIMATE CONTROLLED SEAT RELAY
Connector Type	M06FBR-R-LC
Connector Color	BROWN



Terminal No.	Color of Wire	Signal Name
1	B	GROUND
2	G/R	IGNITION
3	W	RELAY OUTPUT
5	R	BATTERY
6	G	RELAY OUTPUT
7	P	BATTERY

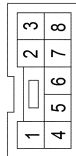
Connector No.	M119
Connector Name	CLIMATE CONTROLLED SEAT SWITCH LH
Connector Type	TK10FW
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	P	A/C HEAT SW
2	W	A/C COOL SW
3	BG	A/C SW UNIT
4	-	-
5	GR	ILLUMINATION -
6	L	ILLUMINATION +
7	B	GROUND
8	Y	A/C HEAT IND
9	BR	A/C COOL IND
10	-	-

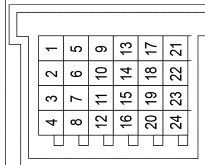
12	B	GND
13	-	-
14	B	GND
15	B	GROUND
16	B	GND
17	-	-
18	SHIELD	SHIELD
19	SHIELD	SHIELD
20	SHIELD	SHIELD
21	B	GND
22	B	GND
23	B	GROUND
24	B	GROUND

Connector No.	M120
Connector Name	CLIMATE CONTROLLED SEAT SWITCH RH
Connector Type	TK08FBR
Connector Color	BROWN



Terminal No.	Color of Wire	Signal Name
1	W	A/C SW UNIT
2	G	A/C COOL SW
3	L	A/C HEAT SW
4	BG	A/C COOL IND
5	O	A/C HEAT IND
6	B	GROUND
7	L	ILLUMINATION +
8	GR	ILLUMINATION -

Connector No.	M192
Connector Name	JOINT CONNECTOR-M02
Connector Type	NH24FW-J
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
1	B	GROUND
2	B	GN2
3	B	GROUND
4	-	-
5	B	GROUND
6	B	GN2
7	B	GROUND
8	B	GROUND
9	B	GROUND
10	B	GN2
11	B	GROUND

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DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

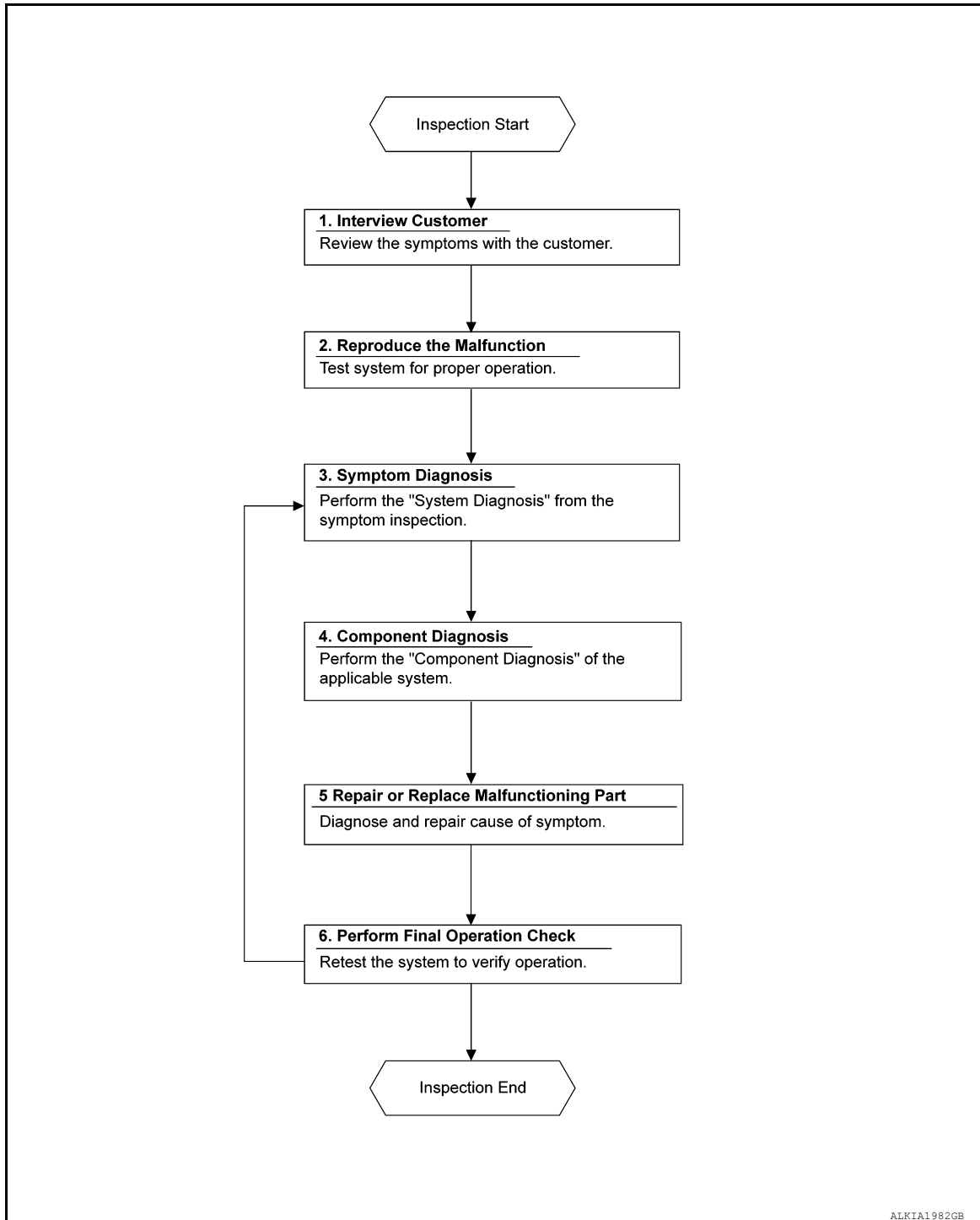
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:0000000014391816

OVERALL SEQUENCE



DETAILED FLOW

1. INTERVIEW CUSTOMER

Interview the customer to obtain as much information as possible about the conditions and environment under which the malfunction occurred.

DIAGNOSIS AND REPAIR WORK FLOW

< BASIC INSPECTION >

>> GO TO 2.

2. REPRODUCE THE MALFUNCTION

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

>> GO TO 3.

3. 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. COMPONENT DIAGNOSIS

Perform the diagnosis with Component Diagnosis of the applicable system.

>> GO TO 5.

5. REPAIR OR REPLACE THE MALFUNCTIONING PART

Repair or replace the specified malfunctioning parts.

>> GO TO 6.

6. PERFORM FINAL OPERATIONAL 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.

A

B

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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:0000000014391817

Regarding Wiring Diagram information, refer to [SE-57, "Wiring Diagram"](#).

LH

1.CHECK FUSE

Check if any of the following fuses are blown.

Signal name	Fuse No.
Battery power supply	58 (15A)
IGN power supply	29 (5A)

Is the fuse blown?

YES >> Replace the blown fuse after repairing the affected circuit.

NO >> GO TO 2.

2.CHECK CLIMATE CONTROLLED SEAT CONTROL UNIT LH POWER SUPPLY

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat control unit LH connector.
3. Turn ignition switch ON.
4. Check voltage between climate controlled seat control unit LH harness connector B230 and ground.

(+)		(-)	Voltage (Approx.)
Climate controlled seat control unit LH			
Connector	Terminal		
B230	25	Ground	Battery voltage

Is the inspection result normal?

YES >> GO TO 7.

NO >> GO TO 3.

3.CHECK CLIMATE CONTROLLED SEAT CONTROL UNIT LH POWER SUPPLY CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat relay.
3. Check continuity between climate controlled seat control unit LH harness connector B230 and climate controlled seat relay harness connector M99.

Climate controlled seat control unit LH		Climate controlled seat relay		Continuity
Connector	Terminal	Connector	Terminal	
B230	25	M99	6	Yes

4. Check continuity between climate controlled seat control unit LH harness connector B230 and ground.

Climate controlled seat control unit LH		(-)	Continuity
Connector	Terminal		
B230	25	Ground	No

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 M99 terminals and ground.

(+)		(-)	Voltage (Approx.)
Climate controlled seat relay			
Connector	Terminal		
M99	2	Ground	Battery voltage
	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 M99 and ground.

Climate controlled seat relay		(-)	Continuity
Connector	Terminal		
M99	1	Ground	Yes

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-73. "CLIMATE CONTROLLED SEAT CONTROL UNIT : Component Inspection"](#).

Is the inspection result normal?

YES >> GO TO 7.

NO >> Replace climate controlled seat relay.

7.CHECK CLIMATE CONTROLLED SEAT CONTROL UNIT LH GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Check continuity between climate controlled seat control unit LH harness connector B230 and ground.

Climate controlled seat control unit LH		(-)	Continuity
Connector	Terminal		
B230	27	Ground	Yes

Is the inspection result normal?

YES >> Check intermittent incident. Refer to [GI-47. "Intermittent Incident"](#).

NO >> Repair or replace harness or connector.

RH

1.CHECK FUSE

Check if any of the following fuses are blown.

Signal name	Fuse No.
Battery power supply	60 (15A)
IGN power supply	29 (5A)

Is the fuse blown?

YES >> Replace the blown fuse after repairing the affected circuit.

NO >> GO TO 2.

POWER SUPPLY AND GROUND CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

2. CHECK CLIMATE CONTROLLED SEAT CONTROL UNIT RH POWER SUPPLY

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat control unit RH connector.
3. Turn ignition switch ON.
4. Check voltage between climate controlled seat control unit RH harness connector B305 and ground.

(+)		(-)	Voltage (Approx.)
Climate controlled seat control unit RH			
Connector	Terminal		
B305	25	Ground	Battery voltage

Is the inspection result normal?

YES >> GO TO 7.

NO >> GO TO 3.

3. CHECK CLIMATE CONTROLLED SEAT CONTROL UNIT RH POWER SUPPLY CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat relay.
3. Check continuity between climate controlled seat control unit RH harness connector B305 and climate controlled seat relay harness connector M99.

Climate controlled seat control unit RH		Climate controlled seat relay		Continuity
Connector	Terminal	Connector	Terminal	
B305	25	M99	3	
				Yes

4. Check continuity between climate controlled seat control unit RH harness connector B305 and ground.

Climate controlled seat control unit RH		(-)	Continuity
Connector	Terminal		
B305	25		
		Ground	No

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

1. Turn ignition switch ON.
2. Check voltage between climate controlled seat relay harness connector M99 and ground.

(+)		(-)	Voltage (Approx.)
Climate controlled seat relay			
Connector	Terminal		
M99	2	Ground	Battery voltage
	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 M99 and ground.

Climate controlled seat relay		(-)	Continuity
Connector	Terminal		
M99	1		
		Ground	Yes

POWER SUPPLY AND GROUND CIRCUIT

< DTC/CIRCUIT DIAGNOSIS >

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-73, "CLIMATE CONTROLLED SEAT CONTROL UNIT : Component Inspection"](#).

Is the inspection result normal?

- YES >> GO TO 7.
NO >> Replace climate controlled seat relay.

7.CHECK CLIMATE CONTROLLED SEAT CONTROL UNIT RH GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Check continuity between climate controlled seat control unit RH harness connector B305 and ground.

Climate controlled seat control unit RH		(-)	Continuity
Connector	Terminal		
B305	27	Ground	Yes

Is the inspection result normal?

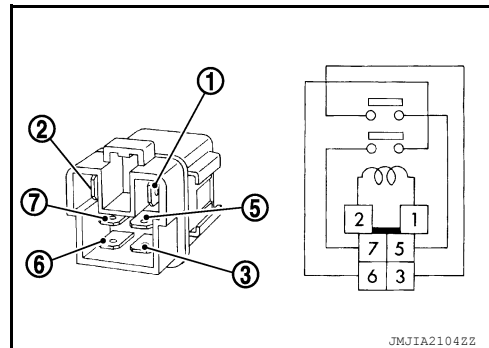
- YES >> Check intermittent incident. Refer to [GI-47, "Intermittent Incident"](#).
NO >> Repair harness or connector.

CLIMATE CONTROLLED SEAT CONTROL UNIT : Component Inspection INFOID:0000000014391818

1.CHECK CLIMATE CONTROLLED SEAT RELAY

1. Turn ignition switch OFF.
2. Remove climate controlled seat relay.
3. Check the continuity between climate controlled seat relay terminals under the following conditions.

Terminals		Condition	Continuity
3	5	12 V direct current supply between terminals 1 and 2	Yes
		No current supply	No
6	7	12 V direct current supply between terminals 1 and 2	Yes
		No current supply	No



Is the inspection result normal?

- YES >> Inspection End.
NO >> Replace climate controlled seat relay.

SEATBACK THERMAL ELECTRIC DEVICE

< DTC/CIRCUIT DIAGNOSIS >

SEATBACK THERMAL ELECTRIC DEVICE

Component Function Check

INFOID:0000000014391819

1.CHECK SEATBACK THERMAL ELECTRIC DEVICE FUNCTION

Check whether or not the temperature of the seatback thermal electric device 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-74, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:0000000014391820

Regarding Wiring Diagram information, refer to [SE-57, "Wiring Diagram"](#).

1.CHECK SEATBACK THERMAL ELECTRIC DEVICE INPUT SIGNAL

1. Turn ignition switch ON.
2. Check voltage between seatback thermal electric device LH harness connector B202 and seatback thermal electric device RH harness connector B313 and ground.

(+)			(-)	Condition		Voltage (Approx.)
Seatback thermal electric device						
Connector		Terminal				
LH	B202	1	Ground	Climate controlled seat switch	HEAT or COOL	0V - 12V*
					Other than above	0V
		2			HEAT or COOL	0V - 12V*
					Other than above	0V
RH	B313	1		Climate controlled seat switch	HEAT or COOL	0V - 12V*
					Other than above	0V
		2			HEAT or COOL	0V - 12V*
					Other than above	0V

* : It changes between 12V and 0V.

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 device. Refer to [SE-103, "Seatback Thermal Electric Device"](#).

NO >> GO TO 2.

2.CHECK SEATBACK THERMAL ELECTRIC DEVICE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat control unit LH connector B230 and climate controlled seat control unit RH connector B305 and seatback thermal electric device LH connector B202 and seatback thermal electric device RH connector B313.
3. Check continuity between climate controlled seat control unit LH connector B230 and climate controlled seat control unit RH connector B305 and seatback thermal electric device LH connector B202 and seatback thermal electric device RH connector B313.

SEATBACK THERMAL ELECTRIC DEVICE

< DTC/CIRCUIT DIAGNOSIS >

Climate controlled seat control unit			Seatback thermal electric device		Continuity
Connector		Terminal	Connector	Terminal	
LH	B230	30	B202	1	Yes
		28		2	
RH	B305	30	B313	1	
		28		2	

4. Check continuity between climate controlled seat control unit LH harness connector B230 and climate controlled seat control unit RH harness connector B305 and ground.

Climate controlled seat control unit			(-)	Continuity
Connector		Terminal		
LH	B230	30	Ground	No
		28		
RH	B305	30		
		28		

Is the inspection result normal?

- YES >> Replace climate controlled seat control unit. Refer to [SE-104, "Removal and Installation"](#).
 NO >> Repair or replace harness.

SEATBACK THERMAL ELECTRIC DEVICE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

SEATBACK THERMAL ELECTRIC DEVICE SENSOR

Component Function Check

INFOID:0000000014391821

1.CHECK SEATBACK THERMAL ELECTRIC DEVICE SENSOR FUNCTION

Check whether or not the temperature of the seatback thermal electric device 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-76, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:0000000014391822

Regarding Wiring Diagram information, refer to [SE-57, "Wiring Diagram"](#).

1.CHECK SEATBACK THERMAL ELECTRIC DEVICE SENSOR SIGNAL

1. Turn ignition switch ON.
2. Check voltage between seatback thermal electric device LH harness connector B202 and seatback thermal electric device RH harness connector B313 and ground.

(+) Seatback thermal electric device		(-)	Condition	Voltage (Approx.)
Connector	Terminal			
LH	B202	Ground	Climate controlled seat operated	1V - 5V
RH	B313			

Is the inspection result normal?

YES >> GO TO 3.

NO >> GO TO 2.

2.CHECK SEATBACK THERMAL ELECTRIC DEVICE SENSOR CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat control unit LH connector B229 and climate controlled seat control unit RH connector B304 and seatback thermal electric device LH connector B202 and seatback thermal electric device RH connector B313.
3. Check continuity between climate controlled seat control unit LH harness connector B229 and climate controlled seat control unit RH harness connector B304 and seatback thermal electric device LH harness connector B202 and seatback thermal electric device RH harness connector B313.

Climate controlled seat control unit		Seatback thermal electric device		Continuity
Connector	Terminal	Connector	Terminal	
LH	B229	B202	3	Yes
RH	B304	B313		

4. Check continuity between climate controlled seat control unit LH harness connector B229 and climate controlled seat control unit RH harness connector B304 and ground.

Climate controlled seat control unit		(-)	Continuity
Connector	Terminal		
LH	B229	Ground	No
RH	B304		

Is the inspection result normal?

YES >> Replace climate controlled seat control unit. Refer to [SE-104, "Removal and Installation"](#).

SEATBACK THERMAL ELECTRIC DEVICE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

NO >> Repair or replace harness.

3.CHECK SEATBACK THERMAL ELECTRIC DEVICE SENSOR GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat control unit LH connector B229 and climate controlled seat control unit RH connector B304 and seatback thermal electric device LH connector B202 and seatback thermal electric device RH connector B313.
3. Check continuity between climate controlled seat control unit LH harness connector B229 and climate controlled seat control unit RH harness connector B304 and seatback thermal electric device LH harness connector B202 and seatback thermal electric device RH harness connector B313.

Climate controlled seat control unit		Seatback thermal electric device		Continuity
Connector	Terminal	Connector	Terminal	
LH	B229	B202	4	Yes
RH	B304	B313		

4. Check continuity between climate controlled seat control unit LH harness connector B229 and climate controlled seat control unit RH harness connector B304 and ground.

Climate controlled seat control unit		(-)	Continuity
Connector	Terminal		
LH	B229	Ground	No
RH	B304		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Repair or replace harness.

4.CHECK SEATBACK THERMAL ELECTRIC DEVICE SENSOR

Check seatback thermal electric device sensor.

Refer to [SE-77, "Component Inspection"](#).

Is the inspection result normal?

YES >> Check intermittent incident. Refer to [GI-47, "Intermittent Incident"](#).

NO >> Replace seatback thermal electric device. Refer to [SE-103, "Seatback Thermal Electric Device"](#).

Component Inspection

INFOID:0000000014391823

1.CHECK SEATBACK THERMAL ELECTRIC DEVICE SENSOR

1. Turn ignition switch OFF.
2. Disconnect seatback thermal electric device connector.
3. Check resistance between seatback thermal electric device terminals.

Seatback thermal electric device		Resistance (Approx.)
Terminals		
3	4	1000Ω*

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

Is the inspection result normal?

YES >> Inspection End.

NO >> Replace seatback thermal electric device. Refer to [SE-103, "Seatback Thermal Electric Device"](#).

SEAT CUSHION THERMAL ELECTRIC DEVICE

< DTC/CIRCUIT DIAGNOSIS >

SEAT CUSHION THERMAL ELECTRIC DEVICE

Component Function Check

INFOID:0000000014391824

1.CHECK SEAT CUSHION THERMAL ELECTRIC DEVICE FUNCTION

Check whether or not the temperature of the seat cushion thermal electric device 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:0000000014391825

Regarding Wiring Diagram information, refer to [SE-57, "Wiring Diagram"](#).

1.CHECK SEAT CUSHION THERMAL ELECTRIC DEVICE SIGNAL

1. Turn ignition switch ON.
2. Check voltage between seat cushion thermal electric device LH harness connector B203 and seat cushion thermal electric device RH harness connector B312 and ground.

(+)Seat cushion thermal electric device			(-)	Condition		Voltage (Approx.)
Connector		Terminal				
LH	B203	1	Ground	Climate controlled seat switch	HEAT or COOL	0V - 12V*
					Other than above	0V
		2			HEAT or COOL	0V - 12V*
					Other than above	0V
RH	B312	1		Climate controlled seat switch	HEAT or COOL	0V - 12V*
					Other than above	0V
		2			HEAT or COOL	0V - 12V*
					Other than above	0V

* : It changes between 12V and 0V.

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 device. Refer to [SE-127, "LH SEAT : Seat Cushion"](#).

NO >> GO TO 2.

2.CHECK SEAT CUSHION THERMAL ELECTRIC DEVICE CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat control unit LH connector B230 and climate controlled seat control unit RH connector B305 and seat cushion thermal electric device LH connector B203 and seat cushion thermal electric device RH connector B312.
3. Check continuity between climate controlled seat control unit LH connector B230 and climate controlled seat control unit RH connector B305 and seat cushion thermal electric device LH connector B203 and seat cushion thermal electric device RH connector B312.

SEAT CUSHION THERMAL ELECTRIC DEVICE

< DTC/CIRCUIT DIAGNOSIS >

Climate controlled seat control unit			Seat cushion thermal electric device		Continuity
Connector		Terminal	Connector	Terminal	
LH	B230	29	B203	1	Yes
		26		2	
RH	B305	29	B312	1	
		26		2	

4. Check continuity between climate controlled seat control unit LH connector B230 and climate controlled seat control unit RH connector B305 and ground.

Climate controlled seat control unit			(-)	Continuity
Connector		Terminal		
LH	B230	29	Ground	No
		26		
RH	B305	29		
		26		

Is the inspection result normal?

- YES >> Replace climate controlled seat control unit. Refer to [SE-104, "Removal and Installation"](#).
 NO >> Repair or replace harness.

SEAT CUSHION THERMAL ELECTRIC DEVICE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

SEAT CUSHION THERMAL ELECTRIC DEVICE SENSOR

Component Function Check

INFOID:0000000014391826

1.CHECK SEAT CUSHION THERMAL ELECTRIC DEVICE SENSOR FUNCTION

Check whether or not the temperature of the seat cushion thermal electric device 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-80, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:0000000014391827

Regarding Wiring Diagram information, refer to [SE-57, "Wiring Diagram"](#).

1.CHECK SEAT CUSHION THERMAL ELECTRIC DEVICE SENSOR SIGNAL

1. Turn ignition switch ON.
2. Check voltage between seat cushion thermal electric device LH harness connector B203 and seat cushion thermal electric device RH harness connector B312 and ground.

(+) Seat cushion thermal electric device		(-)	Condition	Voltage (Approx.)
Connector	Terminal			
LH	B203	Ground	Climate controlled seat operated	1V - 5V
RH	B312			

Is the inspection result normal?

YES >> GO TO 3.

NO >> GO TO 2.

2.CHECK SEAT CUSHION THERMAL ELECTRIC DEVICE SENSOR CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat control unit LH connector B229 and climate controlled seat control unit RH connector B304 and seat cushion thermal electric device LH harness connector B203 and seat cushion thermal electric device RH harness connector B312.
3. Check continuity between climate controlled seat control unit LH connector B229 and climate controlled seat control unit RH connector B304 and seat cushion thermal electric device LH harness connector B203 and seat cushion thermal electric device RH harness connector B312.

Climate controlled seat control unit		Seat cushion thermal electric device		Continuity
Connector	Terminal	Connector	Terminal	
LH	B229	B203	3	Yes
RH	B304	B312		

4. Check continuity between climate controlled seat control unit LH connector B229 and climate controlled seat control unit RH connector B304 and ground.

Climate controlled seat control unit		(-)	Continuity
Connector	Terminal		
LH	B229	Ground	No
RH	B304		

Is the inspection result normal?

YES >> Replace climate controlled seat control unit. Refer to [SE-104, "Removal and Installation"](#).

SEAT CUSHION THERMAL ELECTRIC DEVICE SENSOR

< DTC/CIRCUIT DIAGNOSIS >

NO >> Repair or replace harness.

3.CHECK SEAT CUSHION THERMAL ELECTRIC DEVICE SENSOR GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat control unit LH connector B229 and climate controlled seat control unit RH connector B304 and seat cushion thermal electric device LH harness connector B203 and seat cushion thermal electric device RH harness connector B312.
3. Check continuity between climate controlled seat control unit LH connector B229 and climate controlled seat control unit RH connector B304 and seat cushion thermal electric device LH harness connector B203 and seat cushion thermal electric device RH harness connector B312.

Climate controlled seat control unit		Seat cushion thermal electric device		Continuity
Connector	Terminal	Connector	Terminal	
LH	B229	B203	4	Yes
RH	B304	B312		

4. Check continuity between climate controlled seat control unit LH connector B229 and climate controlled seat control unit RH connector B304 and ground.

Climate controlled seat control unit		(-)	Continuity
Connector	Terminal		
LH	B229	Ground	No
RH	B304		

Is the inspection result normal?

YES >> GO TO 4.

NO >> Repair or replace harness.

4.CHECK SEAT CUSHION THERMAL ELECTRIC DEVICE SENSOR

Check seat cushion thermal electric device sensor. Refer to [SE-81, "Component Inspection"](#).

Is the inspection result normal?

YES >> Check intermittent incident. Refer to [GI-47, "Intermittent Incident"](#).

NO >> Replace seat cushion thermal electric device. Refer to [SE-127, "LH SEAT : Seat Cushion"](#).

Component Inspection

INFOID:000000014391828

1.CHECK SEAT CUSHION THERMAL ELECTRIC DEVICE SENSOR

1. Turn ignition switch OFF.
2. Disconnect seat cushion thermal electric device connector.
3. Check resistance between seat cushion thermal electric device terminals.

Seat cushion thermal electric device		Resistance (Approx.)
Terminals		
3	4	1000Ω*

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

Is the inspection result normal?

YES >> Inspection End.

NO >> Replace seat cushion thermal electric device. Refer to [SE-95, "Exploded View"](#).

CLIMATE CONTROLLED SEAT BLOWER MOTOR

< DTC/CIRCUIT DIAGNOSIS >

CLIMATE CONTROLLED SEAT BLOWER MOTOR

Component Function Check

INFOID:0000000014391829

1.CHECK CLIMATE CONTROLLED SEAT BLOWER MOTOR FUNCTION

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

Is the inspection result normal?

YES >> Inspection End.

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

Diagnosis Procedure

INFOID:0000000014391830

Regarding Wiring Diagram information, refer to [SE-57, "Wiring Diagram"](#).

1.CHECK CLIMATE CONTROLLED SEAT BLOWER MOTOR POWER SUPPLY

1. Turn ignition switch ON.
2. Check voltage between climate controlled seat blower motor LH harness connector B219 and climate controlled seat blower motor RH harness connector B307 and ground.

(+) Climate controlled seat blower motor			(-)	Condition		Voltage (Approx.)
Connector		Terminal				
LH	B219	2	Ground	Climate controlled seat switch	HEAT mode	Battery voltage
					COOL mode	
					Other than above	
RH	B307			Climate controlled seat switch	HEAT mode	Battery voltage
					COOL mode	
					Other than above	

Is the inspection result normal?

YES >> GO TO 3.

NO >> GO TO 2.

2.CHECK CLIMATE CONTROLLED SEAT BLOWER MOTOR POWER SUPPLY CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat blower motor LH harness connector B219 and climate controlled seat blower motor RH harness connector B307 and climate controlled seat control unit LH connector B229 and climate controlled seat control unit RH connector B304.
3. Check continuity between climate controlled seat blower motor LH harness connector B219 and climate controlled seat blower motor RH harness connector B307 and climate controlled seat control unit LH connector B229 and climate controlled seat control unit RH connector B304.

Climate controlled seat blower motor		Climate controlled seat control unit		Continuity
Connector	Terminal	Connector	Terminal	
LH	B219	B229	12	Yes
RH	B307	B304		

4. Check continuity between climate controlled seat blower motor LH harness connector B219 and climate controlled seat blower motor RH harness connector B307 and ground.

Climate controlled seat blower motor		(-)	Continuity
Connector	Terminal		

CLIMATE CONTROLLED SEAT BLOWER MOTOR

< DTC/CIRCUIT DIAGNOSIS >

LH	B219	2	Ground	No
RH	B307			

Is the inspection result normal?

YES >> Replace climate controlled seat control unit. Refer to [SE-104, "Removal and Installation"](#).

NO >> Repair or replace harness.

3.CHECK CLIMATE CONTROLLED SEAT BLOWER MOTOR SPEED CONTROL SIGNAL

Check voltage between climate controlled seat blower motor LH harness connector B219 and climate controlled seat blower motor RH harness connector B307 and ground.

(+)			(–)	Condition			Voltage (Approx.)
Climate controlled seat blower motor							
Connector		Terminal					
LH	B219	3	Ground	Climate controlled seat switch	HEAT		5.5V - 8V
					COOL	HI	11.2V
						MID	8V
						LO	6.5V
					Other than above		0V
RH	B307			Climate controlled seat switch	HEAT		5.5V - 8V
					COOL	HI	11.2V
						MID	8V
						LO	6.5V
					Other than above		0V

Is the inspection result normal?

YES >> GO TO 5.

NO >> GO TO 4.

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

- Turn ignition switch OFF.
- Disconnect climate controlled seat blower motor LH harness connector B219 and climate controlled seat blower motor RH harness connector B307 and climate controlled seat control unit LH connector B229 and climate controlled seat control unit RH connector B304.
- Check continuity between climate controlled seat blower motor LH harness connector B219 and climate controlled seat blower motor RH harness connector B307 and climate controlled seat control unit LH connector B229 and climate controlled seat control unit RH connector B304.

Climate controlled seat blower motor			Climate controlled seat control unit		Continuity
Connector	Terminal		Connector	Terminal	
LH	B219	3	B229	4	Yes
RH	B307		B304		

- Check continuity between climate controlled seat blower motor LH harness connector B219 and climate controlled seat blower motor RH harness connector B307 and ground.

Climate controlled seat blower motor			(–)	Continuity
Connector		Terminal		
LH	B219	3	Ground	No
RH	B307			

Is the inspection result normal?

YES >> Replace climate controlled seat control unit. Refer to [SE-104, "Removal and Installation"](#).

NO >> Repair or replace harness.

5.CHECK CLIMATE CONTROLLED SEAT BLOWER MOTOR GROUND CIRCUIT

CLIMATE CONTROLLED SEAT BLOWER MOTOR

< DTC/CIRCUIT DIAGNOSIS >

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat blower motor LH harness connector B219 and climate controlled seat blower motor RH harness connector B307 and climate controlled seat control unit LH connector B229 and climate controlled seat control unit RH connector B304.
3. Check continuity between climate controlled seat blower motor LH harness connector B219 and climate controlled seat blower motor RH harness connector B307 and climate controlled seat control unit LH connector B229 and climate controlled seat control unit RH connector B304.

Climate controlled seat blower motor		Climate controlled seat control unit		Continuity
Connector	Terminal	Connector	Terminal	
LH	B219	B229	20	Yes
RH	B307	B304		

4. Check continuity between climate controlled seat blower motor LH harness connector B219 and climate controlled seat blower motor RH harness connector B307 and ground.

Climate controlled seat blower motor		(-)	Continuity
Connector	Terminal		
LH	B219	Ground	No
RH	B307		

Is the inspection result normal?

- YES >> Replace climate controlled seat blower motor. Refer to [SE-105, "Removal and Installation"](#).
- NO >> Repair or replace harness.

CLIMATE CONTROLLED SEAT SWITCH INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

CLIMATE CONTROLLED SEAT SWITCH INDICATOR

Component Function Check

INFOID:0000000014391831

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 >> Inspection End.
NO >> Refer to [SE-85, "Diagnosis Procedure"](#).

Diagnosis Procedure

INFOID:0000000014391832

Regarding Wiring Diagram information, refer to [SE-57, "Wiring Diagram"](#).

1.CHECK CLIMATE CONTROLLED SEAT SWITCH INPUT SIGNAL

- Turn ignition switch ON.
- Check voltage between climate controlled seat switch LH harness connector M119 and climate controlled seat switch RH harness connector M120 and ground.

(+) Climate controlled seat switch			(-)	Condition	Voltage (Approx.)
Connector		Terminal		Climate controlled seat switch	
LH	M119	8		Ground	
			OFF		0V
		9	COOL mode		Battery voltage
			OFF		0V
RH	M120	5	HEAT mode		Battery voltage
			OFF		0V
		4	COOL mode		Battery voltage
			OFF		0V

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 LH harness connector M119 and climate controlled seat switch RH harness connector M120 and climate controlled seat control unit LH connector B229 and climate controlled seat control unit RH connector B304.
- Check continuity between climate controlled seat switch LH harness connector M119 and climate controlled seat switch RH harness connector M120 and climate controlled seat control unit LH connector B229 and climate controlled seat control unit RH connector B304.

Climate controlled seat switch			Climate controlled seat control unit		Continuity
Connector		Terminal	Connector	Terminal	
LH	M119	9	B229	9	Yes
		8		10	
RH	M120	4	B304	9	
		5		10	

CLIMATE CONTROLLED SEAT SWITCH INDICATOR

< DTC/CIRCUIT DIAGNOSIS >

4. Check continuity between climate controlled seat switch LH harness connector M119 and climate controlled seat switch RH harness connector M120 and ground.

Climate controlled seat switch			(-)	Continuity
Connector		Terminal		
LH	M119	9	Ground	No
		8		
RH	M120	4		
		5		

Is the inspection result normal?

YES >> Replace climate controlled seat control unit. Refer to [SE-104. "Removal and Installation"](#).

NO >> Repair or replace harness.

3. CHECK CLIMATE CONTROLLED SEAT SWITCH GROUND CIRCUIT

1. Turn ignition switch OFF.
2. Disconnect climate controlled seat switch LH harness connector M119 and climate controlled seat switch RH harness connector M120.
3. Check continuity between climate controlled seat switch LH harness connector M119 and climate controlled seat switch RH harness connector M120 and ground.

Climate controlled seat switch			(-)	Continuity
Connector		Terminal		
LH	M119	7	Ground	Yes
RH	M120	6		

Is the inspection result normal?

YES >> Replace climate controlled seat switch. Refer to [SE-106. "Removal and Installation"](#).

NO >> Repair or replace harness.

CLIMATE CONTROLLED SEAT BLOWER FILTER

< DTC/CIRCUIT DIAGNOSIS >

CLIMATE CONTROLLED SEAT BLOWER FILTER

Diagnosis Procedure

INFOID:0000000014391833

1.CHECK CLIMATE CONTROLLED SEAT BLOWER FILTER

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

Is the inspection result normal?

YES >> Inspection End.

NO >> Replace climate controlled seat blower filter. Refer to [SE-105, "Removal and Installation"](#).

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CLIMATE CONTROLLED SEAT SYSTEM

< SYMPTOM DIAGNOSIS >

SYMPTOM DIAGNOSIS

CLIMATE CONTROLLED SEAT SYSTEM

Symptom Table

INFOID:0000000014391834

Symptom		Inspection item
Climate controlled seat inoperative.		Power supply and ground circuit Refer to SE-70, "CLIMATE CONTROLLED SEAT CONTROL UNIT : Diagnosis Procedure" .
Climate controlled seat blower motor inoperative.		Climate controlled seat blower motor Refer to SE-82, "Diagnosis Procedure" .
Seat cushion thermal electric device inoperative.		Seat cushion thermal electric device Refer to SE-78, "Diagnosis Procedure" .
Seatback thermal electric device inoperative.		Seatback thermal electric device Refer to SE-74, "Diagnosis Procedure" .
Climate controlled seat switch LO, MED or HI inoperative.		Climate controlled seat switch Refer to SE-82, "Diagnosis Procedure" .
Climate controlled seat switch indicator inoperative.		Climate controlled seat switch indicator Refer to SE-85, "Diagnosis Procedure" .
Climate controlled seat turns off too soon.	Climate controlled seat switch indicator turns off within 10 seconds of turning on.	Malfunction caused by electrical issue. Check the following: <ul style="list-style-type: none"> • Connectors for physical damage or loose terminals. • Seat cushion thermal electric device. Refer to SE-78, "Diagnosis Procedure". • Seatback thermal electric device. Refer to SE-74, "Diagnosis Procedure". • Climate controlled seat blower motor. Refer to SE-82, "Diagnosis Procedure".
	Climate controlled seat switch indicator turns off 30 seconds or more after turning on.	Malfunction caused by mechanical issue. Check the following: <ul style="list-style-type: none"> • Foam seat pads not aligned for thermal electric device outlet. • Thermal electric device ducting restricted or disconnected. • Climate controlled seat blower motor inlet restricted.

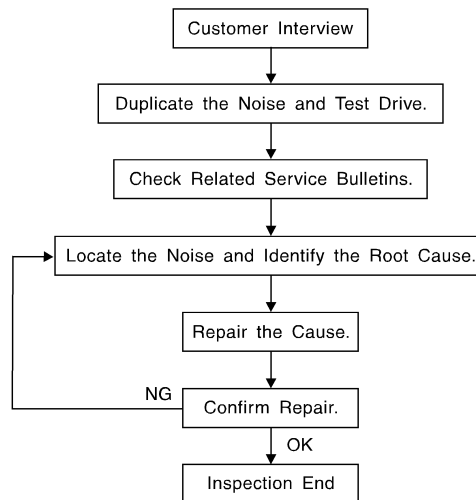
SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow

INFOID:000000014391835



SBT842

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 customer's comments; refer to [SE-93, "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, be sure to diagnose and repair the noise that the customer is concerned about. This can be accomplished by test driving 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 bumble bee)
Buzz characteristics include high frequency rattle/firm contact.
- Often the degree of acceptable noise level will vary depending upon the person. A noise that you 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 you confirm the repair.

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 model, drive position on CVT and 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: J-39565 and mechanic's 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 you suspect the noise is coming from.
Do not use too much force when removing clips and fasteners, otherwise clips and fasteners can be broken or lost during the repair, resulting in the creation of new noise.
 - tapping or pushing/pulling the component that you suspect is causing 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 with your hand by touching the component(s) that you suspect is (are) causing the noise.
 - placing a piece of paper between components that you suspect are causing the noise.
 - looking for loose components and contact marks.Refer to [SE-90, "Generic Squeak and Rattle Troubleshooting"](#).

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 your authorized NISSAN Parts Department.

CAUTION:

Do not 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 materials 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.
- The following materials not found in the kit can also be used to repair squeaks and rattles:
 - SILICONE GREASE: Use instead of UHMW tape that will be visible or does not fit. The silicone grease will only last a few months.
 - SILICONE SPRAY: Use when grease cannot be applied.
 - DUCT TAPE: Use 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.

Generic Squeak and Rattle Troubleshooting

INFOID:0000000014391836

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

INSTRUMENT PANEL

Most incidents are caused by contact and movement between:

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

1. Cluster lid A and the instrument panel
2. Acrylic lens and combination meter housing
3. Instrument panel to front pillar finisher
4. Instrument panel to windshield
5. Instrument panel 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 silicone spray (in hard to reach areas). Urethane pads can be used to insulate wiring harness.

CAUTION:

Do not use silicone spray to isolate a squeak or rattle. If you saturate the area with silicone, you will not be able to recheck the repair.

CENTER CONSOLE

Components to pay attention to include:

1. Shift selector 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:

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. You can usually insulate the areas 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 owner.

In addition look for:

1. Trunk lid bumpers 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

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. Sun visor 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.

OVERHEAD CONSOLE (FRONT AND REAR)

Overhead console noises are often caused by the console panel clips not being engaged correctly. Most of these incidents are repaired by pushing up on the console at the clip locations until the clips engage.

In addition look for:

1. Loose harness or harness connectors.
2. Front console map/reading lamp lens loose.

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

3. Loose screws at console attachment points.

SEATS

When isolating seat noise it's important to note the position the seat is in and the load placed on the seat when the noise is present. 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 installed to the engine wall
2. Components that pass through the engine wall
3. Engine wall mounts and connectors
4. Loose radiator installation 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.

SQUEAK AND RATTLE TROUBLE DIAGNOSES

< SYMPTOM DIAGNOSIS >

Diagnostic Worksheet

INFOID:000000014391837

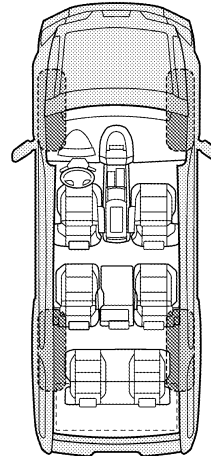
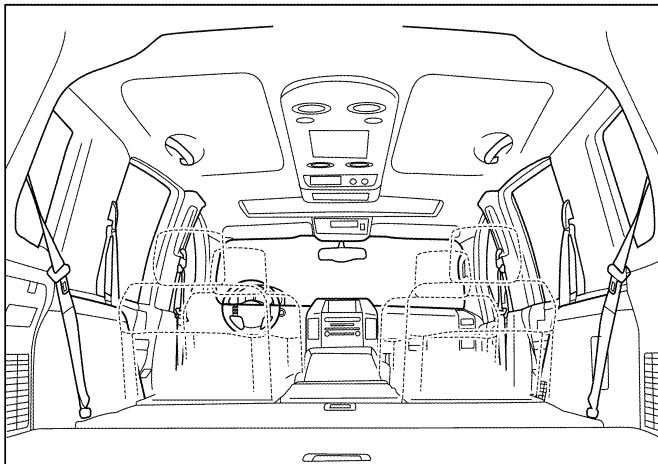
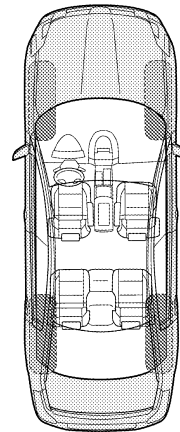
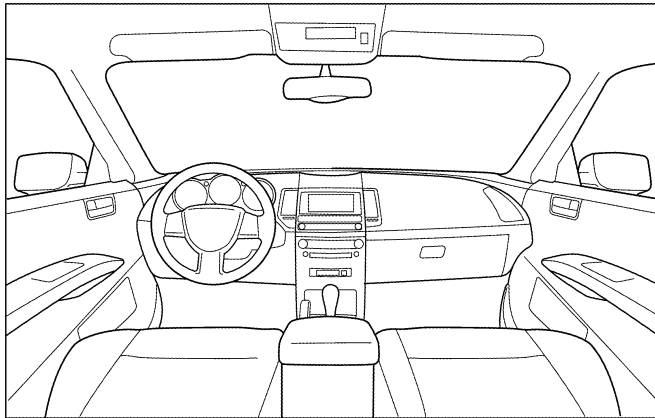
Dear Customer:

We are concerned about your satisfaction with your vehicle. Repairing a squeak or rattle sometimes can be very difficult. To help us fix your vehicle 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 advisor or technician to ensure we confirm the noise you are hearing.

SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

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.

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

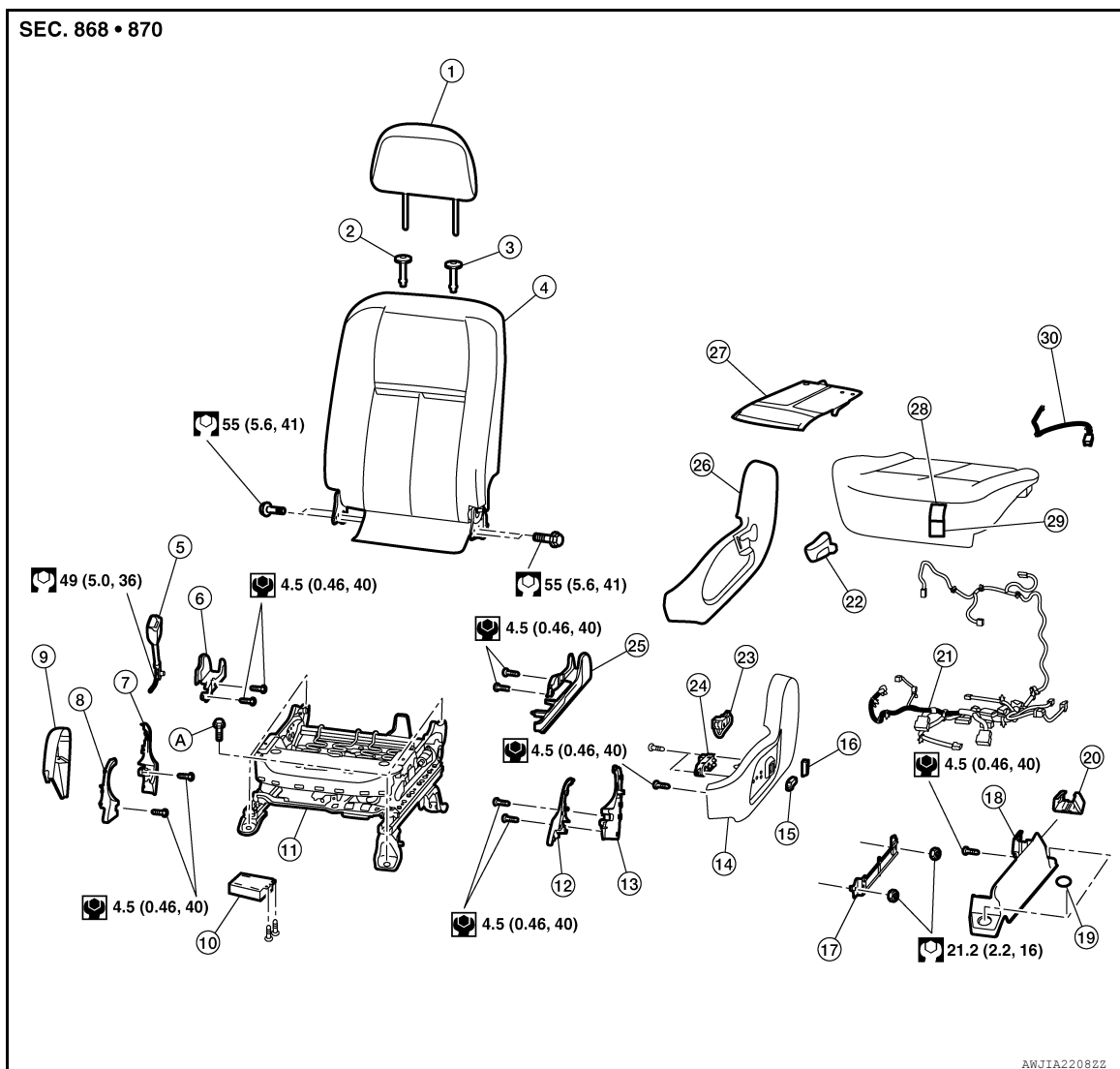
LATA0071E

FRONT SEAT

< REMOVAL AND INSTALLATION >

- | | | |
|---|---|--------------------------|
| 37. Seat cushion thermal electric device nozzle | 38. Climate controlled seat blower motor assembly | 39. Upper blower duct |
| 40. Seatback thermal electric device | 41. Seatback thermal electric device nozzle | 42. Seatback assembly |
| 43. Headrest holder (locked) | 44. Headrest holder (free) | A. Refer to INSTALLATION |

Without Climate Controlled Driver Seat

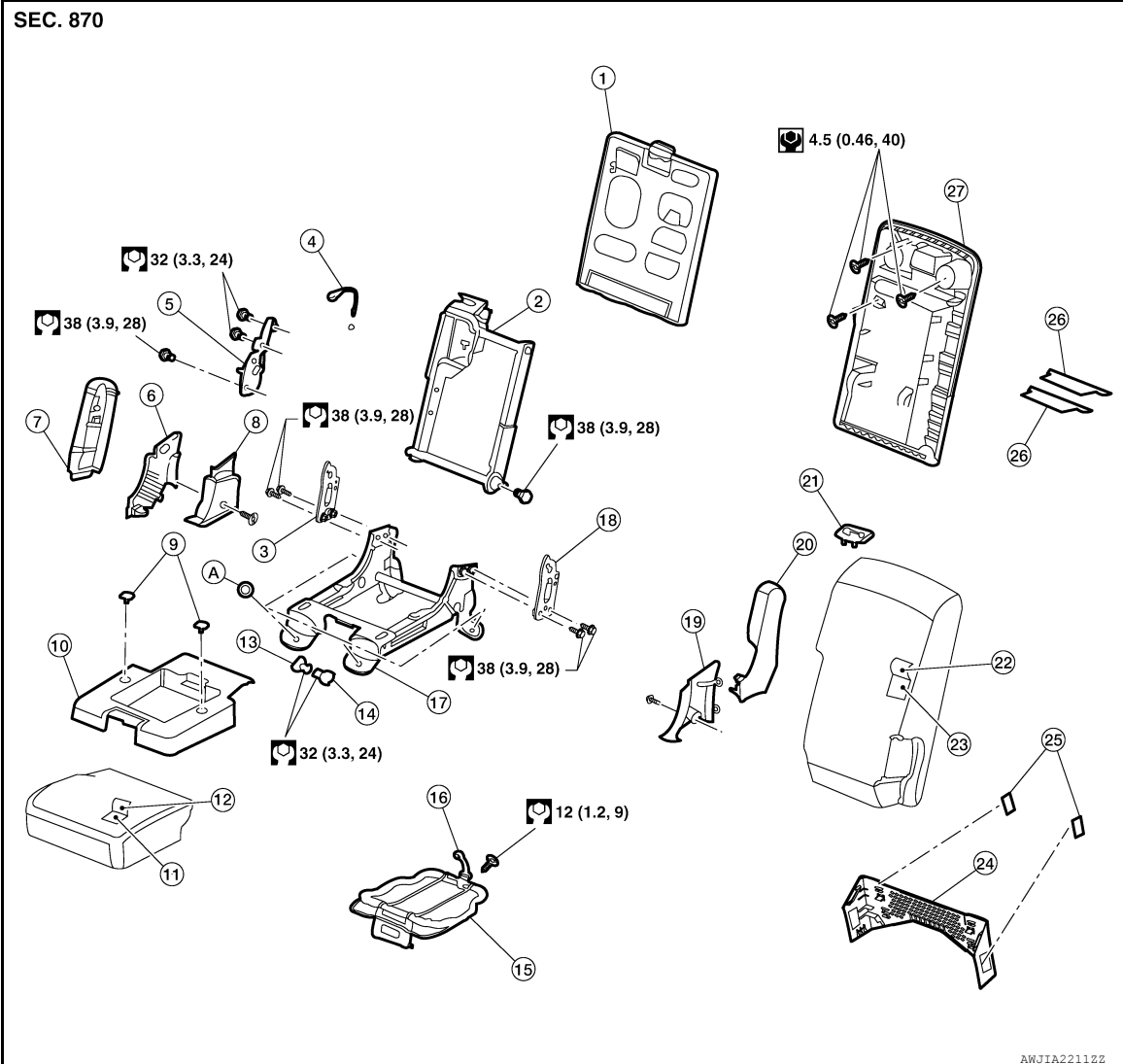


- | | | |
|--|---|--|
| 1. Headrest | 2. Headrest holder (locked) | 3. Headrest holder (free) |
| 4. Seatback assembly | 5. Seat belt buckle | 6. Rear slide finisher (RH) |
| 7. Seat cushion rear inner finisher (RH) | 8. Seat cushion front inner finisher (RH) | 9. Seat cushion outer finisher (RH) |
| 10. Driver seat control unit (if equipped) | 11. Seat cushion frame | 12. Seat cushion front inner finisher (LH) |
| 13. Seat cushion rear inner finisher (LH) | 14. Seat cushion outer finisher [LH (with power seat)] | 15. Seat slide knob (with power seat) |
| 16. Recline knob (with power seat) | 17. Leg finisher bracket | 18. Leg finisher |
| 19. Bolt cover | 20. Rear slide finisher (LH) | 21. Seat harness (with power seat) |
| 22. Recline lever (with manual seat) | 23. Lumbar support switch (with power seat) | 24. Power seat switch |
| 25. Slide finisher (LH) | 26. Seat cushion outer finisher [LH (with manual seat)] | 27. Seat cushion heater (if equipped) |
| 28. Seat cushion trim | 29. Seat cushion pad | 30. Seat harness (with manual seat) |
| A. Refer to INSTALLATION | | |

FRONT SEAT

< REMOVAL AND INSTALLATION >

Center Seat

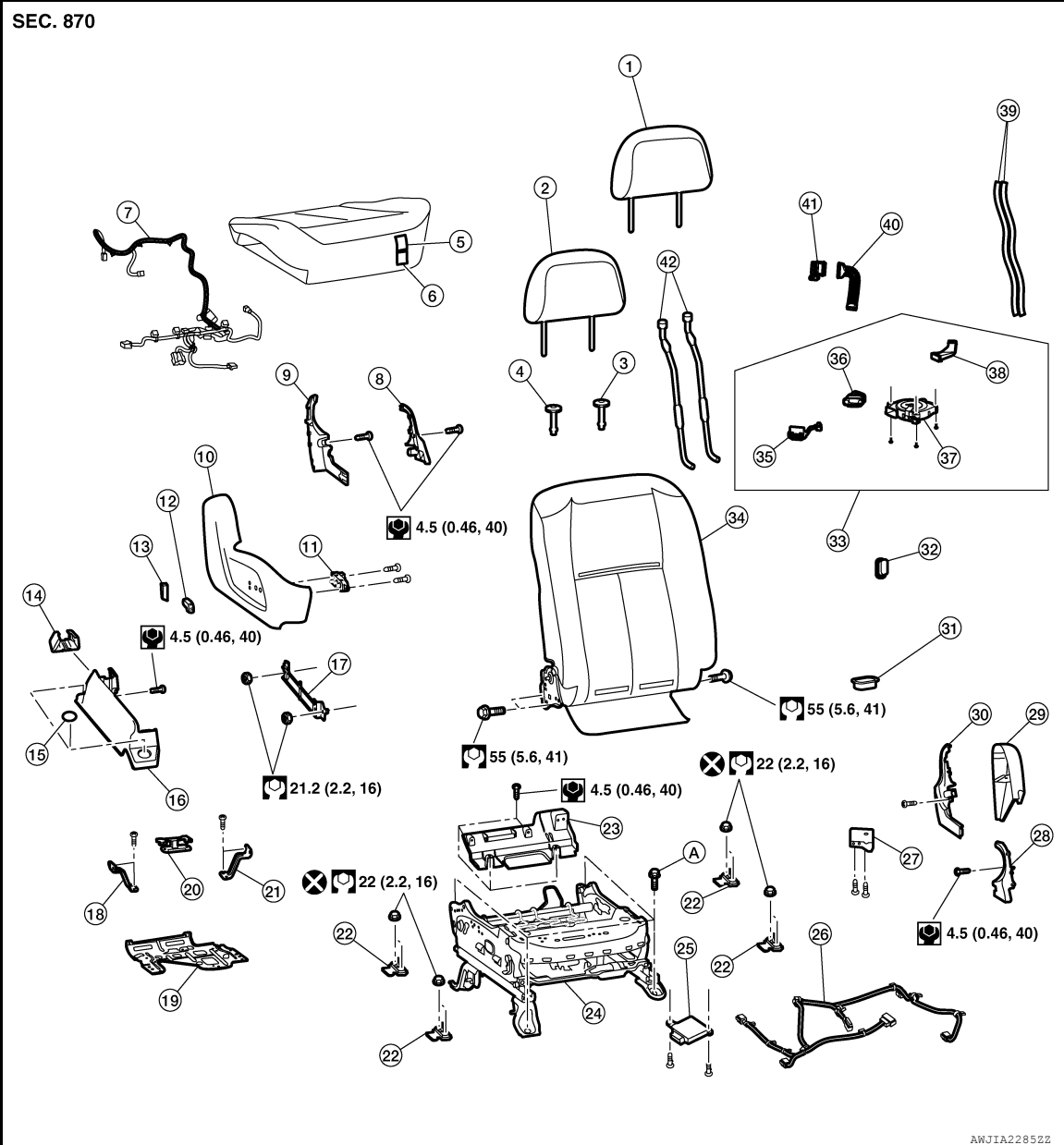


- | | | |
|--|--|--|
| 1. Armrest lid | 2. Armrest frame | 3. Armrest pivot arm bracket (RH) |
| 4. Armrest release strap | 5. Armrest pivot arm | 6. Armrest outer lower pivot finisher (RH) |
| 7. Armrest outer upper pivot finisher (RH) | 8. Armrest inner lower pivot finisher (RH) | 9. Rubber bumper (LH/RH) |
| 10. Storage bin | 11. Seat cushion pad | 12. Seat cushion trim |
| 13. Storage bin stopper (RH) | 14. Storage bin stopper (LH) | 15. Seat cushion frame |
| 16. Seat cushion strap | 17. Storage bin frame | 18. Armrest pivot arm bracket (LH) |
| 19. Armrest inner pivot finisher (LH) | 20. Armrest outer pivot finisher (LH) | 21. Seat belt guide |
| 22. Armrest trim | 23. Armrest pad | 24. Rear leg finisher |
| 25. Rear leg finisher caps | 26. Drawer divider | 27. Armrest drawer |
| A. Refer to INSTALLATION | | |

FRONT SEAT

< REMOVAL AND INSTALLATION >

Climate Controlled Passenger Seat



- | | | |
|---|--|---|
| 1. Headrest assembly with display unit (if equipped) | 2. Headrest assembly without display unit | 3. Headrest holder (locked) |
| 4. Headrest holder (free) | 5. Seat cushion trim | 6. Seat cushion pad |
| 7. Seat harness | 8. Seat cushion front inner finisher (RH) | 9. Seat cushion rear inner finisher (RH) |
| 10. Seat cushion outer finisher (RH) | 11. Power seat switch | 12. Slide knob |
| 13. Recline knob | 14. Rear slide finisher (RH) | 15. Bolt cover |
| 16. Leg finisher | 17. Leg finisher bracket | 18. Thermal electric device bracket (RH) |
| 19. Climate controlled seat blower assembly bracket | 20. Thermal electric device bracket (center) | 21. Thermal electric device bracket (LH) |
| 22. Occupant classification system sensor (Non-XD Models) | 23. Lower rear cover | 24. Seat cushion frame |
| 25. Occupant classification system control unit (Non-XD Models) | 26. Occupant classification system harness (Non-XD Models) | 27. Climate controlled seat control unit |
| 28. Seat cushion front inner finisher (LH) | 29. Seat cushion outer finisher (LH) | 30. Seat cushion rear inner finisher (LH) |
| 31. Seat cushion thermal electric device nozzle | 32. Seatback thermal electric device nozzle | 33. Climate controlled seat blower motor assembly |
| 34. Seatback assembly | 35. Seat cushion thermal electric device | 36. Lower blower duct |

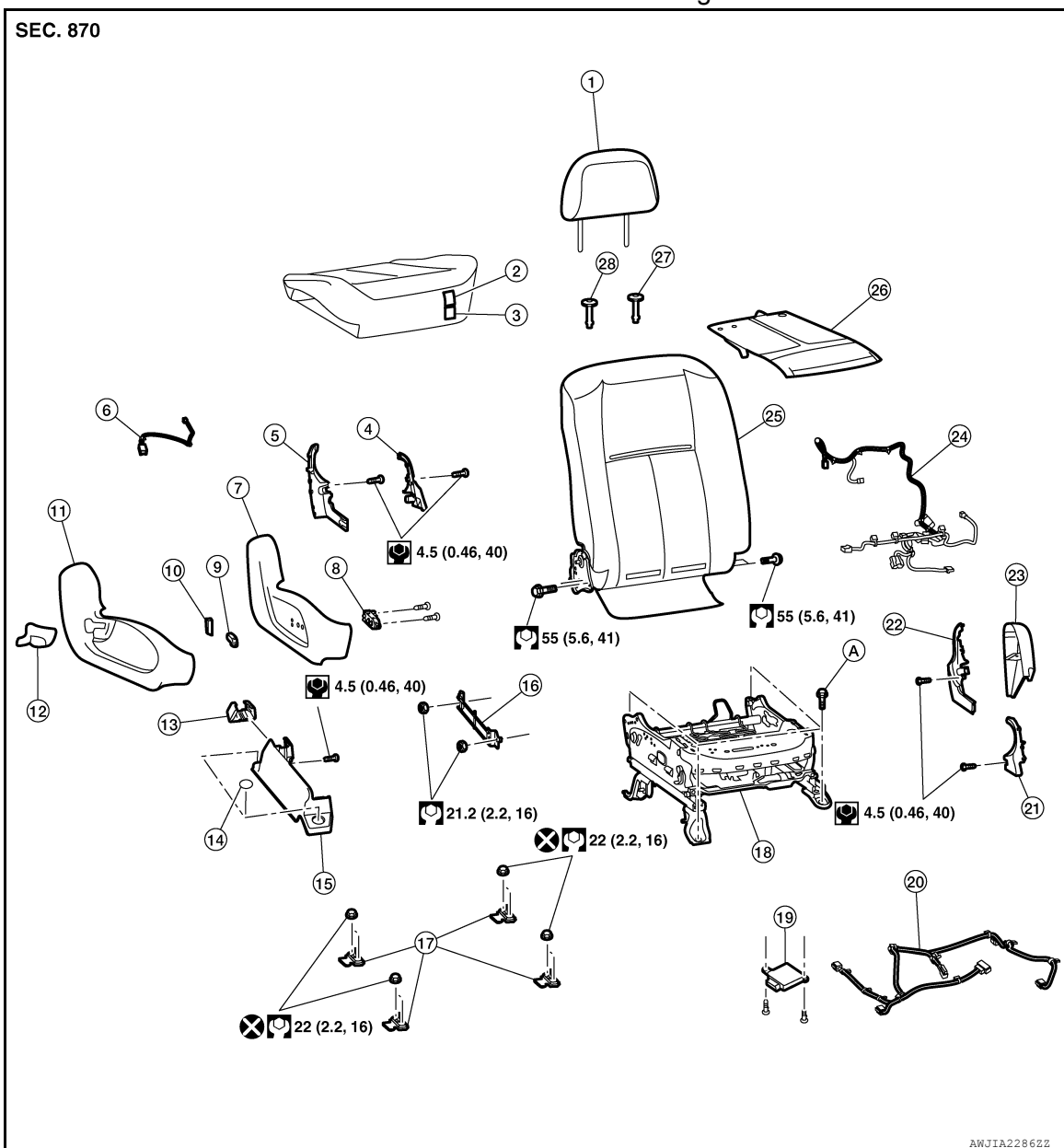
FRONT SEAT

< REMOVAL AND INSTALLATION >

- | | | |
|--|--------------------------------------|--|
| 37. Climate controlled seat blower motor | 38. Angle duct | 39. Harness guides (if equipped) |
| 40. Upper blower duct | 41. Seatback thermal electric device | 42. Headrest with display unit harnesses (if equipped) |

A. Refer to INSTALLATION

Without Climate Controlled Passenger Seat



- | | | |
|---|--|--|
| 1. Headrest | 2. Seat cushion trim | 3. Seat cushion pad |
| 4. Seat cushion front inner finisher (RH) | 5. Seat cushion front outer finisher (RH) | 6. Seat harness (with manual seat) |
| 7. Seat cushion outer finisher [RH (with power seat)] | 8. Power seat switch | 9. Seat slide knob (with power seat) |
| 10. Recline knob (with power seat) | 11. Seat cushion outer finisher [RH (with manual seat)] | 12. Recline lever (with manual seat) |
| 13. Rear slide finisher (RH) | 14. Bolt cover | 15. Leg finisher |
| 16. Leg finisher bracket | 17. Occupant classification system sensor (Non-XD Models) | 18. Seat cushion frame |
| 19. Occupant classification system control unit (Non-XD Models) | 20. Occupant classification system harness (Non-XD Models) | 21. Seat cushion front inner finisher (LH) |
| 22. Seat cushion rear inner finisher (LH) | 23. Seat cushion outer finisher (LH) | 24. Seat harness (with power seat) |

FRONT SEAT

< REMOVAL AND INSTALLATION >

- | | | |
|------------------------------|---------------------------------------|----------------------------|
| 25. Seatback assembly | 26. Seat cushion heater (if equipped) | 27. Headrest holder (free) |
| 28. Headrest holder (locked) | A. Refer to INSTALLATION | |

Removal and Installation - Captain Seats

INFOID:0000000014391839

REMOVAL

WARNING:

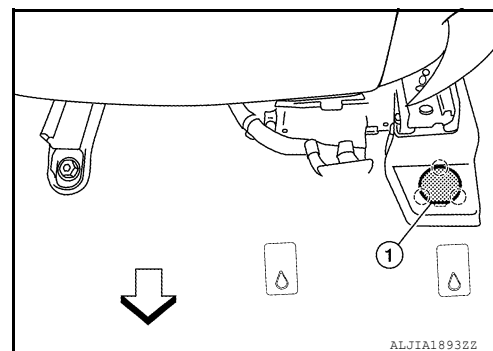
Do not leave any objects (screwdrivers, tools, etc.) on the seat during seat repair. It can lead to personal injury if the side air bag module should accidentally deploy.

CAUTION:

- When removing or installing seat trim, handle it carefully to keep dirt out and to avoid damage.
- When checking power seat circuit for continuity using a circuit tester, do not confuse its connector with side air bag module connector. Such an error may cause air bag module to deploy.
- Do not drop, tilt, or bump side air bag module while installing seat. Always handle it with care.
- After front side air bag module inflates, front seatback assembly must be replaced.
- When removing and installing seat, use shop cloths to protect components from damage.
- Before removing front seat, turn ignition switch OFF, disconnect battery or batteries, then wait at least three minutes.

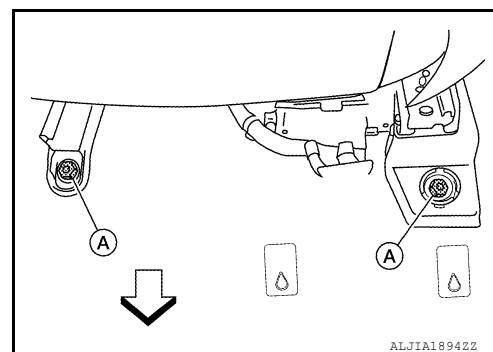
1. Slide seat to the fully rearward position.
2. Disconnect the battery or batteries and wait at least three minutes. Refer to [PG-185. "Battery Disconnect"](#).
3. Release pawls and remove bolt cover (1).

- : Pawl
⇐ : Front



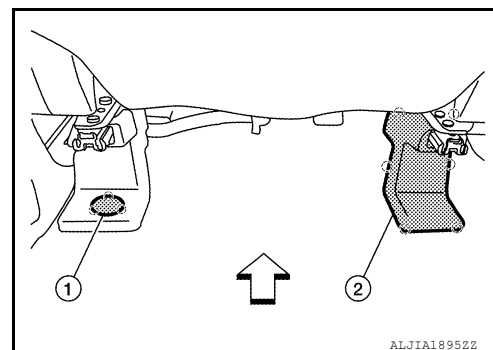
4. Remove front seat front bolts (A).

- ⇐ : Front



5. Connect the battery or batteries, then slide seat to the fully forward position. Refer to [PG-185. "Battery Disconnect"](#).
6. Release pawls, then remove bolt cover (1) and rear leg finisher (2).

- : Pawl
⇐ : Front

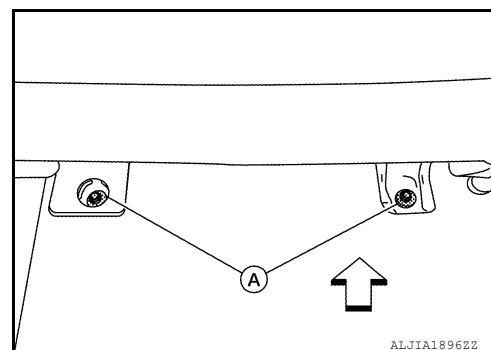


FRONT SEAT

< REMOVAL AND INSTALLATION >

7. Remove the front seat rear bolts (A).

↩ : Front



8. Disconnect the battery or batteries and wait at least three minutes. Refer to [PG-185, "Battery Disconnect"](#).
9. Disconnect harness connectors from the front seat assembly.
10. Remove front seat assembly from vehicle.

INSTALLATION

Installation is in the reverse order of removal.

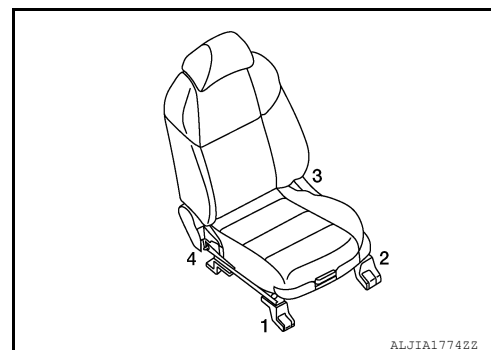
CAUTION:

Make sure that the seat harness or the floor carpet is not damaged during installation.

NOTE:

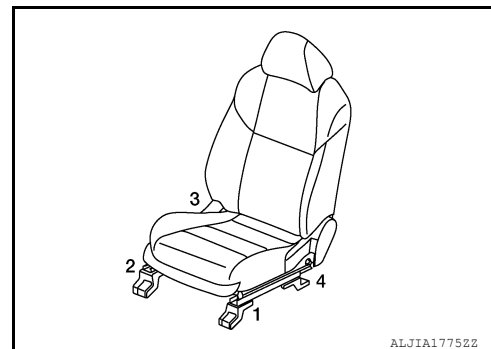
- When installing front seat (LH), tighten bolts to specification in the order shown.

Front seat (LH) bolt torque : 48 Nm (4.9 kg-m, 35 ft-lb)



- When installing front seat (RH), tighten bolts to specification in the order shown.

Front seat (RH) bolt torque : 48 Nm (4.9 kg-m, 35 ft-lb)



Removal and Installation - Center Seat

INFOID:0000000014391840

REMOVAL

CAUTION:

- When removing or installing seat trim, handle it carefully to keep dirt out and to avoid damage.
- Do not drop, tilt, or bump side air bag module while installing seat. Always handle it with care.
- When removing and installing seat, use shop cloths to protect components from damage.

- Remove center seat front bolts.
- Slide front seats (LH/RH) to the fully forward position.

FRONT SEAT

< REMOVAL AND INSTALLATION >

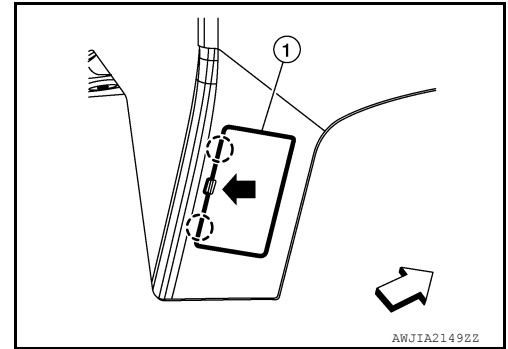
3. Using suitable tool where shown (➡), release pawls, then remove rear leg finisher cap (1).

NOTE:

RH shown, LH similar.

⊖ : Pawl

➡ : Front



4. Remove center seat rear bolts and center seat.

INSTALLATION

Installation is in the reverse order of removal.

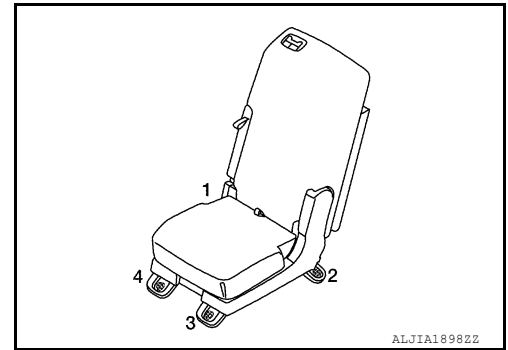
CAUTION:

Make sure that the floor carpet is not damaged during installation.

NOTE:

- When installing center seat, hand-tighten bolt (4), then tighten to specification in the order shown.

Center seat bolt torque : 48 Nm (4.9 kg-m, 35 ft-lb)



SEATBACK THERMAL ELECTRIC DEVICE

< REMOVAL AND INSTALLATION >

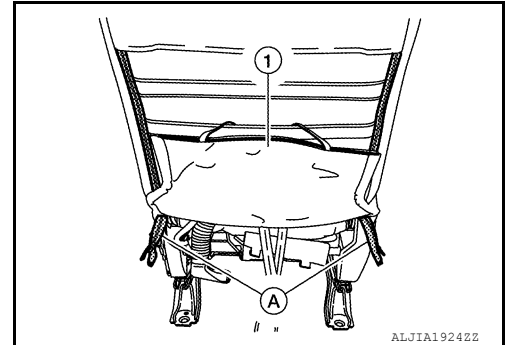
SEATBACK THERMAL ELECTRIC DEVICE

Seatback Thermal Electric Device


INFOID:000000014391841

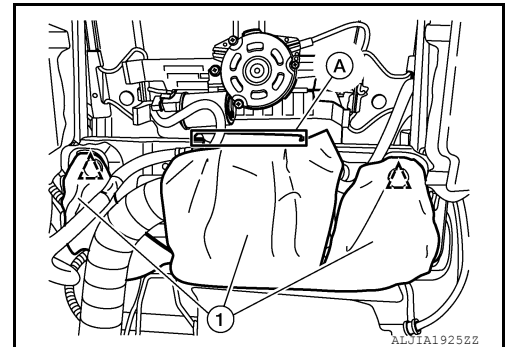
REMOVAL

1. Remove front seat. Refer to [SE-100, "Removal and Installation - Captain Seats"](#).
2. Release seatback strap from under the seat.
3. Release seatback zippers (A), then position seatback trim (1) aside.




4. Position headrest harnesses aside (if equipped).
5. Release clips, then release J-hook (A) and reposition the seatback trim (1) aside.

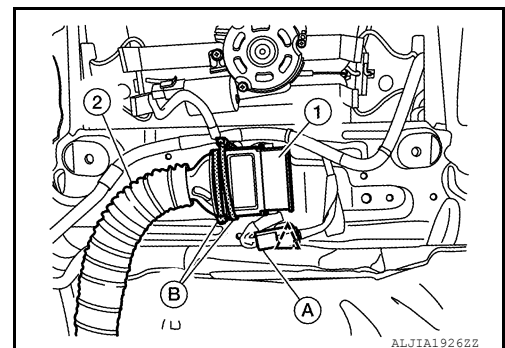
 : Clip



6. Disconnect harness connector (A) from seatback thermal electric device (1).
7. Release harness clip from seatback frame.

 : Clip

8. Remove tie straps (B) and seatback thermal electric device (1) from upper blower duct (2) and seatback frame.



INSTALLATION

Installation is in the reverse order of removal.

CAUTION:

Do not reuse tie straps.

CLIMATE CONTROLLED SEAT CONTROL UNIT

< REMOVAL AND INSTALLATION >

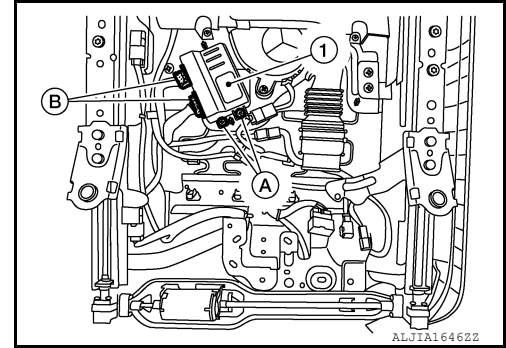
CLIMATE CONTROLLED SEAT CONTROL UNIT

Removal and Installation

INFOID:0000000014391842

REMOVAL

1. Remove front seat. Refer to [SE-100. "Removal and Installation - Captain Seats"](#).
2. Remove screws (A).
3. Disconnect harness connectors (B) from the climate controlled seat control unit (1) then remove.



INSTALLATION

Installation is in the reverse order of removal.

CLIMATE CONTROLLED SEAT BLOWER MOTOR

< REMOVAL AND INSTALLATION >

CLIMATE CONTROLLED SEAT BLOWER MOTOR

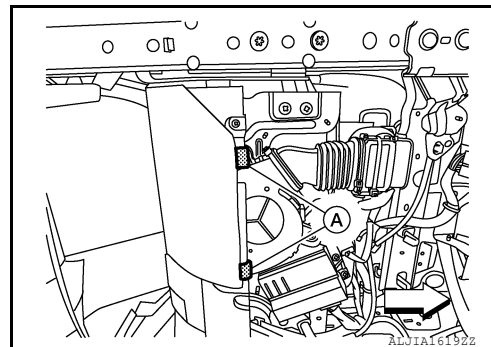
Removal and Installation

INFOID:000000014391843

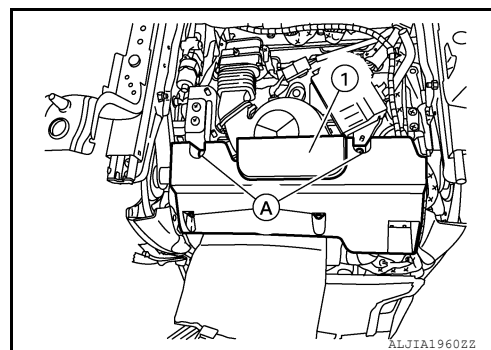
REMOVAL

1. Remove front seat. Refer to [SE-100, "Removal and Installation - Captain Seats"](#).
2. Release seatback flap from seat cushion frame, then position seatback flap aside.
3. Release seat cushion J-clip retainers (A) that hold seat cushion trim to seat cushion lower rear finisher.

⇐ : Front

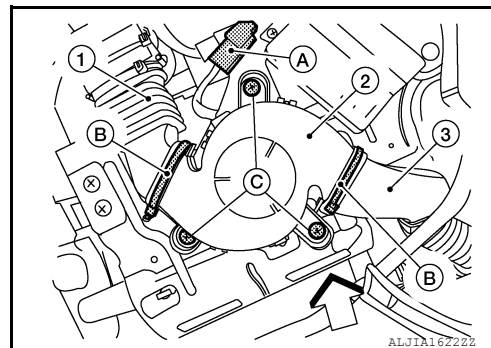


4. Remove screws (A) and the lower rear cover (1).



5. Disconnect harness connector (A) from climate controlled seat blower motor (2).
6. Remove tie straps (B) and discard, then remove angle duct (3) and lower blower duct (1) from climate controlled seat blower motor (2).
7. Remove screws (C) and climate controlled seat blower motor.

⇐ : Front



INSTALLATION

Installation is in the reverse order of removal.

CAUTION:

Do not reuse tie straps.

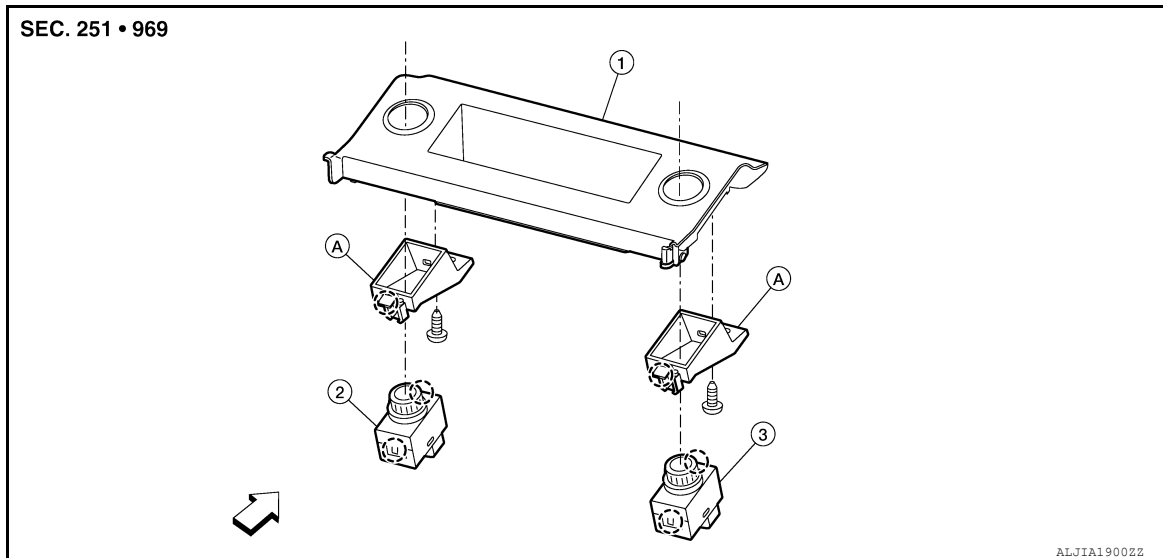
CLIMATE CONTROLLED SEAT SWITCH

< REMOVAL AND INSTALLATION >

CLIMATE CONTROLLED SEAT SWITCH

Exploded View

INFOID:0000000014391844



1. Console switch finisher

2. Climate controlled seat switch (LH)

3. Climate controlled seat switch (RH)

A. Switch carrier

○ : Pawl

⇨ Front

Removal and Installation

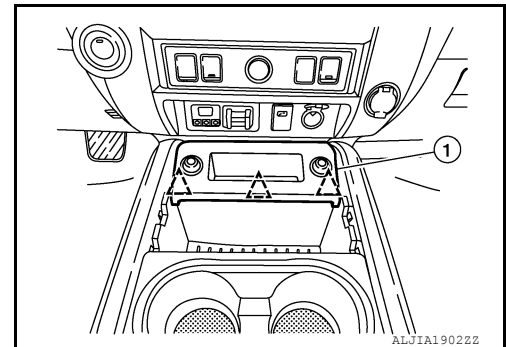
INFOID:0000000014391845

REMOVAL

1. Release clips using suitable tool.

△ : Clip

2. Disconnect harness connectors from the climate controlled seat switch (LH/RH), then remove console switch finisher (1).

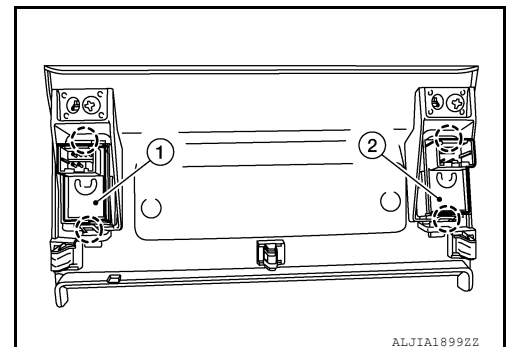


3. Release pawls using a suitable tool and remove climate controlled seat switch.

○ : Pawl

(1) : Climate controlled seat switch (RH)

(2) : Climate controlled seat switch (LH)



INSTALLATION

Installation is in the reverse order of removal.

HEATED SEAT SWITCH

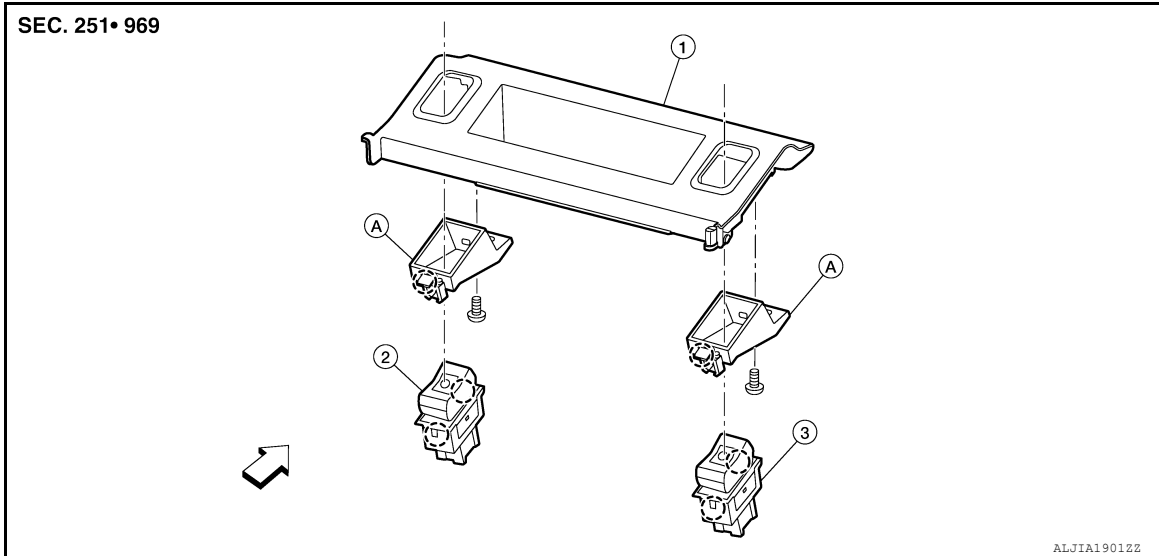
< REMOVAL AND INSTALLATION >

HEATED SEAT SWITCH

Exploded View

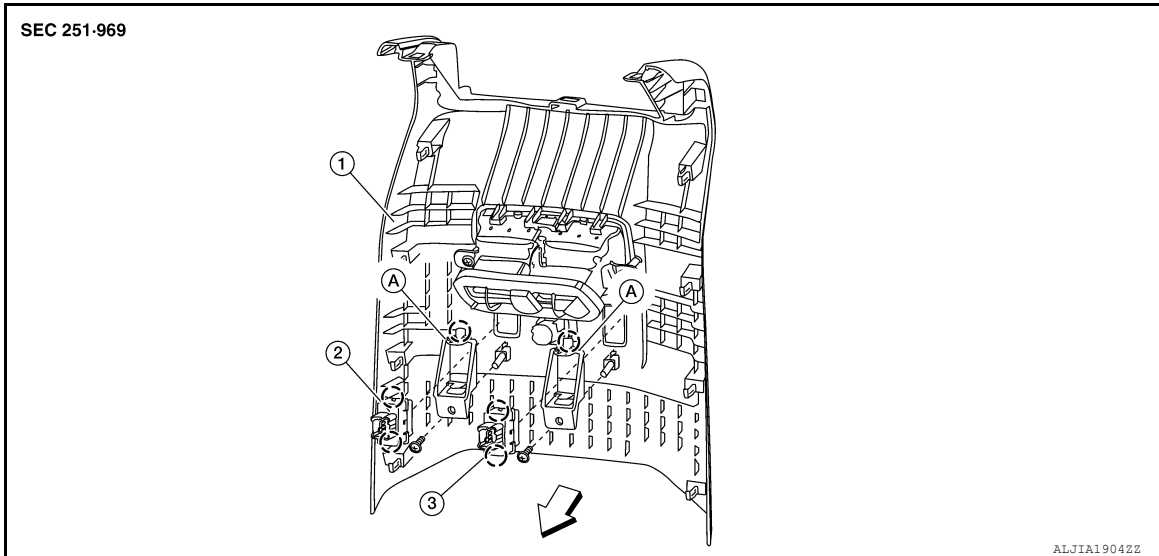
INFOID:0000000014391846

FRONT HEATED SEAT SWITCHES



- 1. Console switch finisher
- 2. Front heated seat switch (LH)
- 3. Front heated seat switch (RH)
- A. Switch carrier
- (dashed circle) Pawl
- ← Front

REAR HEATED SEAT SWITCHES



- 1. Center console rear finisher
- 2. Rear heated seat switch (RH)
- 3. Rear heated seat switch (LH)
- A. Switch carrier
- (dashed circle) Pawl
- ← Front

Removal and Installation - Front Heated Seat Switch

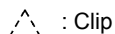
INFOID:0000000014391847

REMOVAL

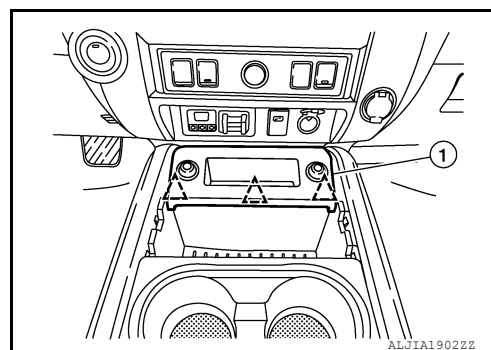
HEATED SEAT SWITCH

< REMOVAL AND INSTALLATION >

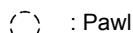
1. Release clips using suitable tool.



2. Disconnect harness connectors from front heated seat switch (LH/RH), then remove console switch finisher (1).

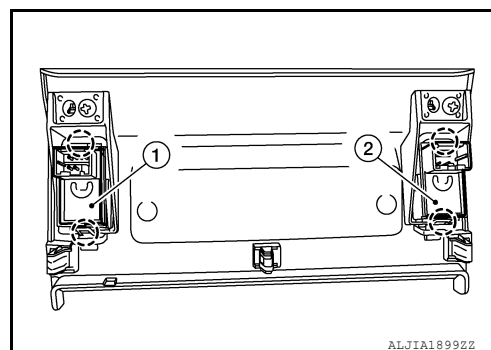


3. Release pawls using suitable tool and remove front heated seat switch.



(1) : Front heated seat switch (RH)

(2) : Front heated seat switch (LH)



INSTALLATION

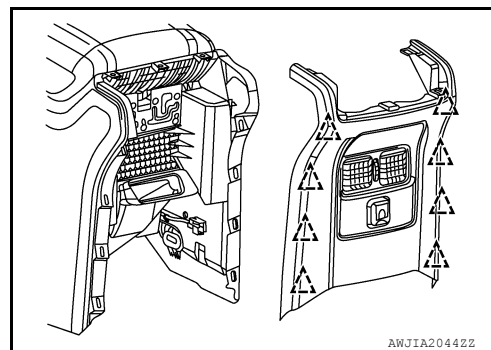
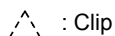
Installation is in the reverse order of removal.

Removal and Installation - Rear Heated Seat Switch

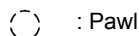
INFOID:0000000014391848

REMOVAL

1. Release clips using suitable tool and remove center console rear finisher.

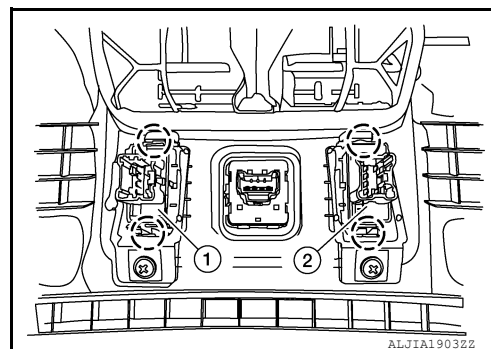


2. Disconnect harness connectors from rear heated seat switch (LH/RH) and from the AC 120V outlet.
3. Release pawls, then remove rear heated seat switch.



(1) : Rear heated seat switch (RH)

(2) : Rear heated seat switch (LH)



INSTALLATION

Installation is in the reverse order of removal.

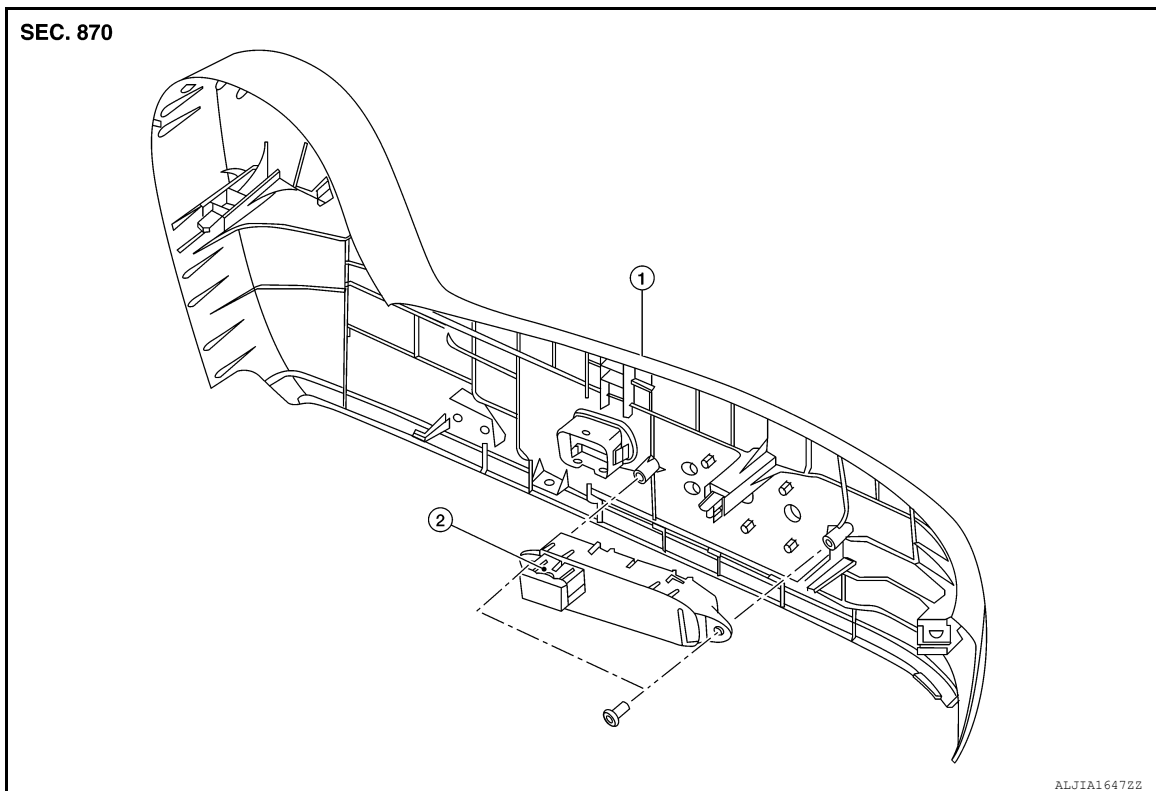
POWER SEAT SWITCH

< REMOVAL AND INSTALLATION >

POWER SEAT SWITCH

Exploded View

INFOID:0000000014391849



1. Seat cushion outer finisher

2. Power seat switch

SE

Removal and Installation

INFOID:0000000014391850

REMOVAL

NOTE:

LH shown, RH similar.

1. Slide front seat to the fully forward position.


POWER SEAT SWITCH

< REMOVAL AND INSTALLATION >

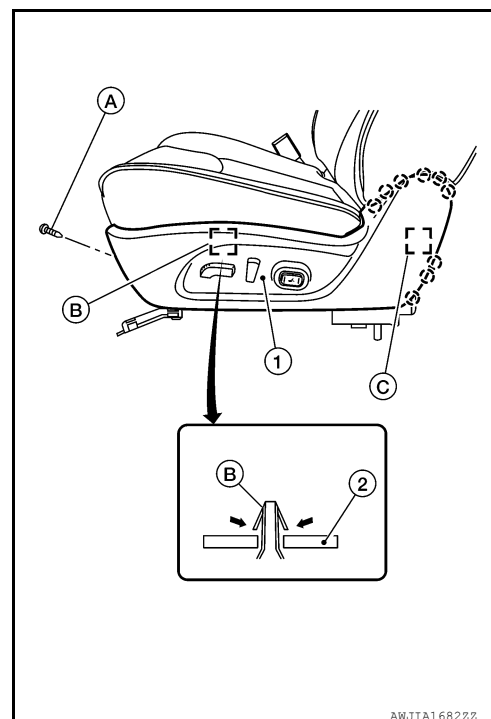
2. Remove seat cushion outer finisher (1).
 - a. Remove screw (A).
 - b. Release metal clip (B) from seat frame assembly (2) as shown.

 : Metal clip

- c. Release pawls and metal clip (C), and remove.

 : Pawl

 : Metal clip



- d. Disconnect harness connectors from power seat switch and lumbar support switch.
 3. Remove seat recline knob and seat slide knob.
 4. Remove screws and power seat switch.

INSTALLATION

Installation is in the reverse order of removal.

CAUTION:

- Visually check clips for deformation and damage during installation. Replace with new ones if necessary.
- When installing seat cushion outer finisher, check that clips are securely placed into seat cushion frame holes.

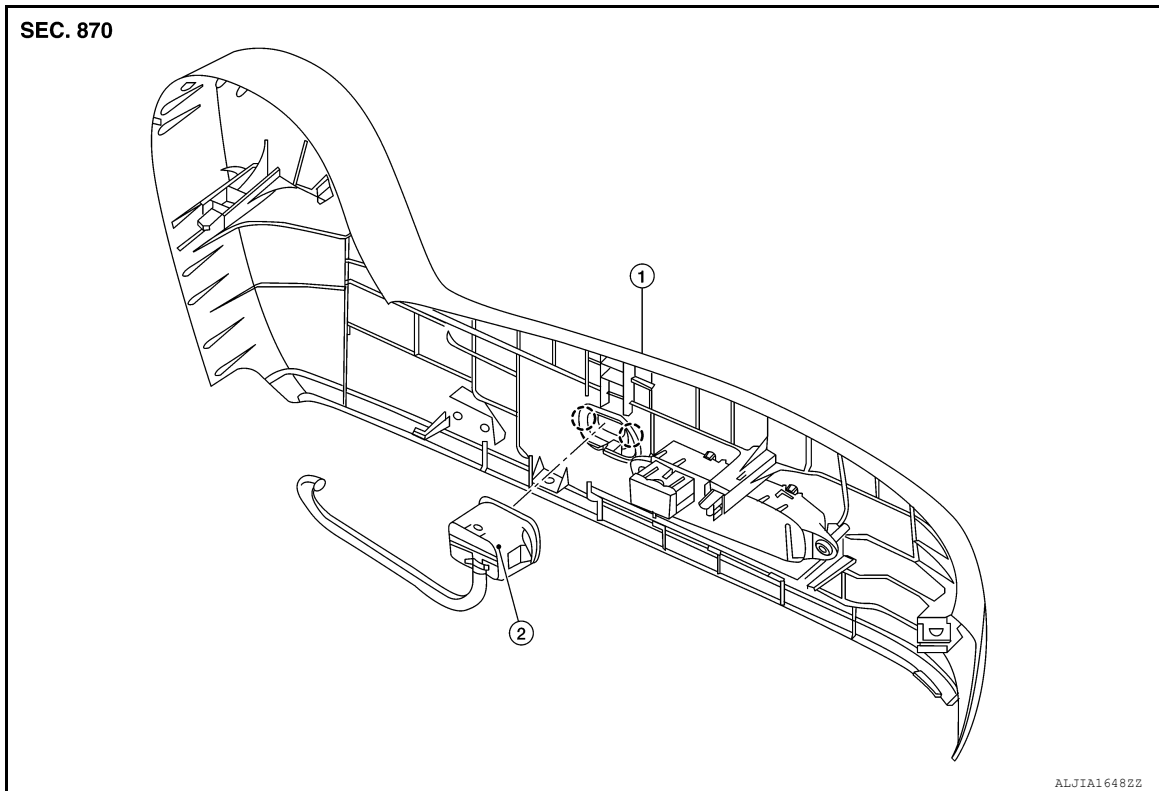
LUMBAR SUPPORT SWITCH

< REMOVAL AND INSTALLATION >

LUMBAR SUPPORT SWITCH

Exploded View

INFOID:0000000014391851



1. Seat cushion outer finisher 2. Lumbar support switch

○ Pawl

SE

Removal and Installation

INFOID:0000000014391852

REMOVAL

1. Slide front seat to the fully forward position.


LUMBAR SUPPORT SWITCH

< REMOVAL AND INSTALLATION >

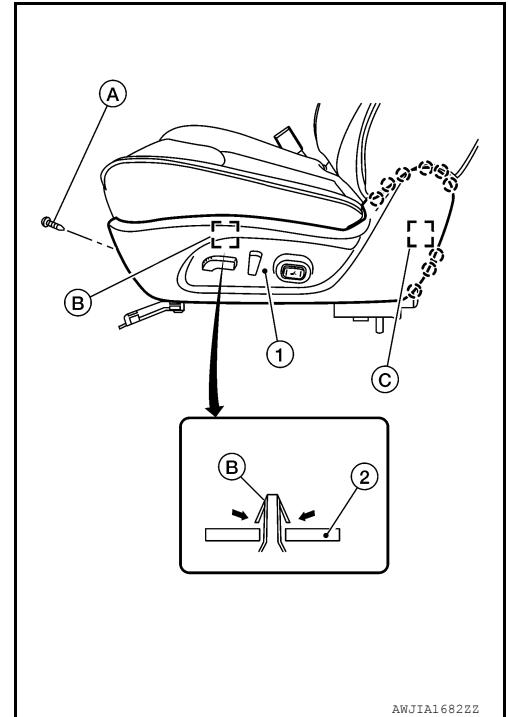
2. Remove seat cushion outer finisher (1).
 - a. Remove screw (A).
 - b. Release metal clip (B) from seat frame assembly (2) as shown.

 : Metal clip

- c. Release pawls and metal clip (C), and remove.

 : Pawl

 : Metal clip



3. Disconnect harness connectors from power seat switch and lumbar support switch.
4. Using suitable tool, release pawls and remove lumbar support switch.

INSTALLATION

Installation is in the reverse order of removal.

CAUTION:

- Visually check clips and pawls for deformation and damage during installation. Replace with new ones if necessary.
- When installing seat cushion outer finisher, check that clips are securely placed into seat cushion frame holes.

SEAT HEATER

< REMOVAL AND INSTALLATION >

SEAT HEATER

Removal and Installation

INFOID:0000000014391853

REMOVAL

1. Remove seat cushion pad. Refer to [SE-127, "LH SEAT : Seat Cushion"](#) (LH) or [SE-139, "RH SEAT : Seat Cushion"](#) (RH).
2. Carefully remove front seat heater from seat cushion pad.
CAUTION:
 - Carefully remove seat heater from seat cushion pad.
 - Do not damage seat cushion pad when removing seat heater; if damaged, replace seat cushion pad.

INSTALLATION

1. Peel protective backing from front seat heater and attach to seat cushion pad.
2. Secure front seat heater harness to seat cushion frame.
3. Install remaining seat cushion components. Refer to [SE-127, "LH SEAT : Seat Cushion"](#) (LH) or [SE-139, "RH SEAT : Seat Cushion"](#) (RH).

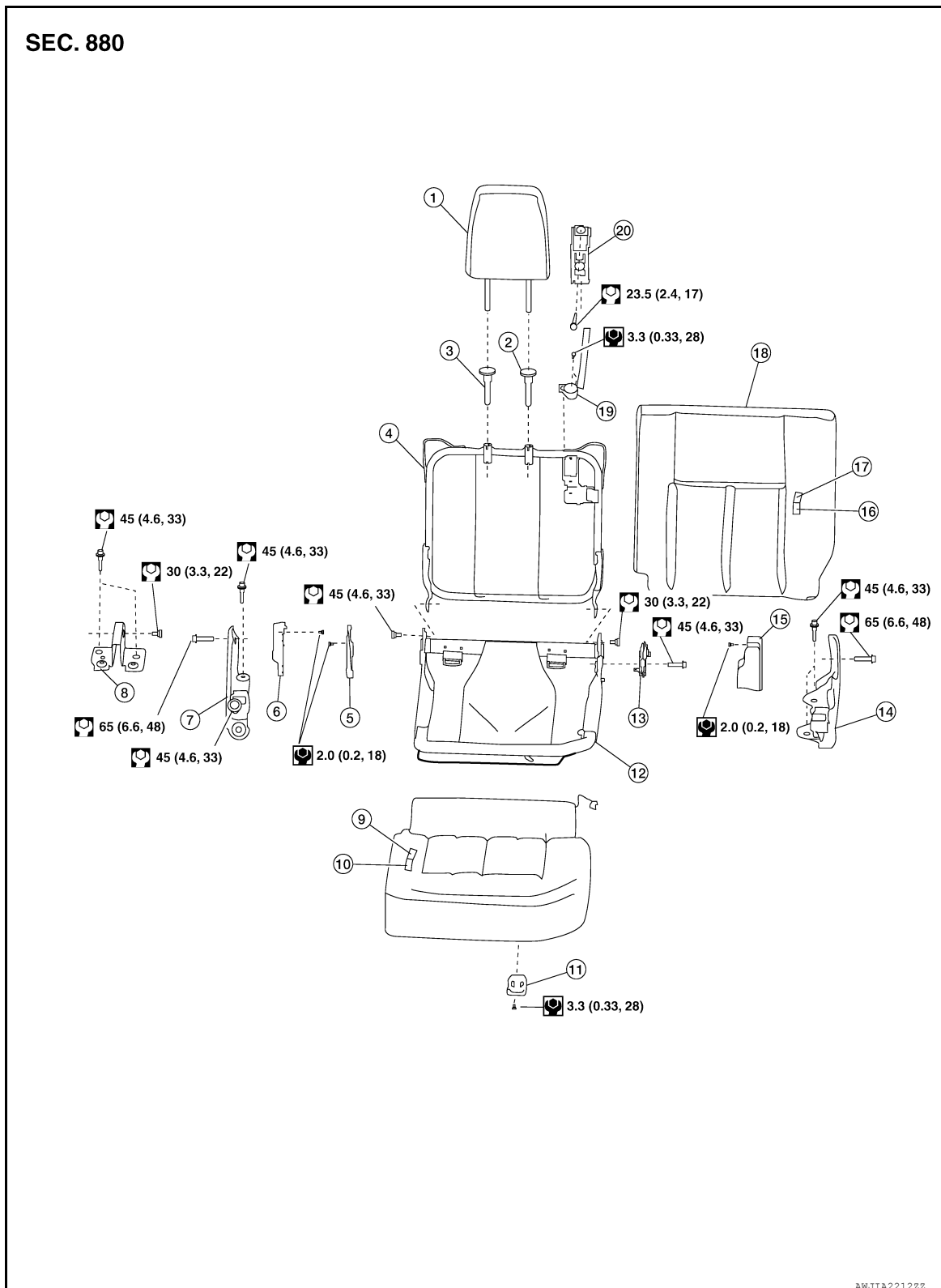
A
B
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SE

INFOID:0000000014391854

LH

SEC. 880



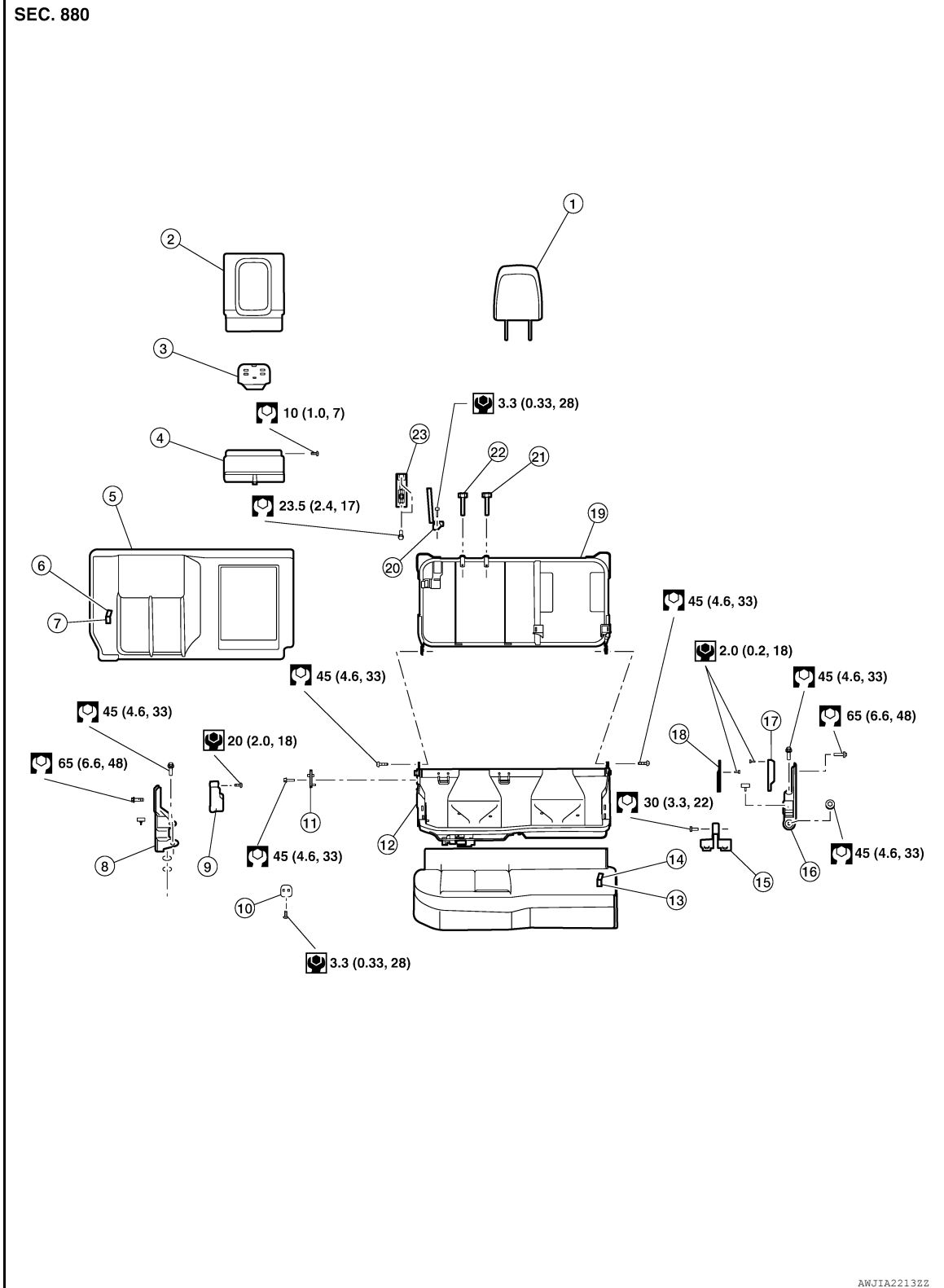
- | | | |
|-------------------|------------------------------|------------------------------|
| 1. Headrest | 2. Headrest holder (locked) | 3. Headrest holder (free) |
| 4. Seatback frame | 5. Inner pivot finisher (RH) | 6. Outer pivot finisher (RH) |

REAR SEAT

< REMOVAL AND INSTALLATION >

- | | | |
|-----------------------------------|-------------------------------|-------------------------|
| 7. Seat support bracket (RH) | 8. Rear seat bracket | 9. Seat cushion trim |
| 10. Seat cushion pad | 11. Grocery bag hook | 12. Seat cushion frame |
| 13. Seat cushion release assembly | 14. Seat support bracket (LH) | 15. Pivot finisher (LH) |
| 16. Seatback pad | 17. Seatback trim | 18. Seatback assembly |
| 19. Seatback latch | 20. Seatback striker | |

RH



REAR SEAT

< REMOVAL AND INSTALLATION >

- | | | |
|-------------------------------|-----------------------------------|-------------------------------|
| 1. Headrest | 2. Armrest finisher | 3. Cup holder |
| 4. Armrest assembly | 5. Seatback assembly | 6. Seatback trim |
| 7. Seatback pad | 8. Seat support bracket (RH) | 9. Pivot finisher (RH) |
| 10. Grocery bag hook | 11. Seat cushion release assembly | 12. Seat cushion frame |
| 13. Seat cushion pad | 14. Seat cushion trim | 15. Rear seat bracket |
| 16. Seat support bracket (LH) | 17. Outer pivot finisher (LH) | 18. Inner pivot finisher (LH) |
| 19. Seatback frame | 20. Seatback latch assembly | 21. Headrest holder (locked) |
| 22. Headrest holder (free) | 23. Seatback striker | |

LH SEAT

LH SEAT : Removal and Installation

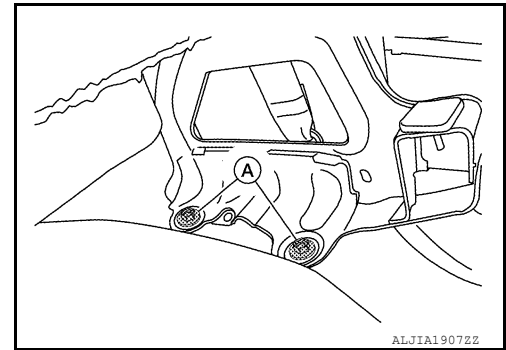
INFOID:0000000014391855

Removal

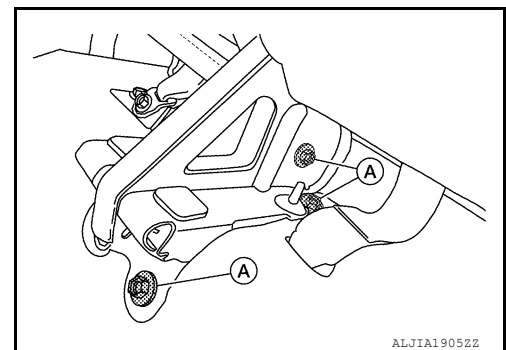
CAUTION:

- Before removal and installation, use shop cloths to protect parts from damage.
- During removal and installation, an assistant is required to protect against injury or damage.

1. Remove storage box. Refer to [INT-28, "STORAGE BOX : Removal and Installation"](#).
2. Route seat belt buckle through LH seat cushion.
3. Disconnect the harness connector from rear seat heater (if equipped).
4. Release harness clip from seat frame (if equipped).
5. Remove LH seat bolts (A).



6. Remove the RH seat bolts (A).



7. Release the seatback and remove the seat.

Installation

Installation is in the reverse order of removal.

RH SEAT

RH SEAT : Removal and Installation

INFOID:0000000014391856

Removal

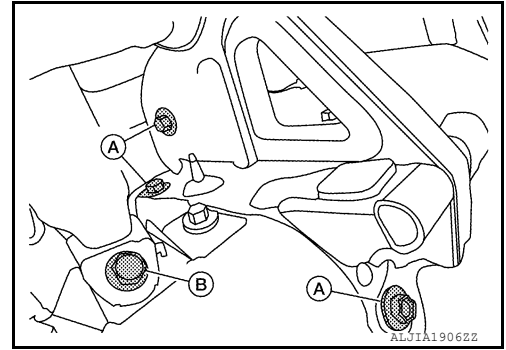
CAUTION:

- Before removal and installation, use shop cloths to protect parts from damage.
- During removal and installation, an assistant is required to protect against injury or damage.

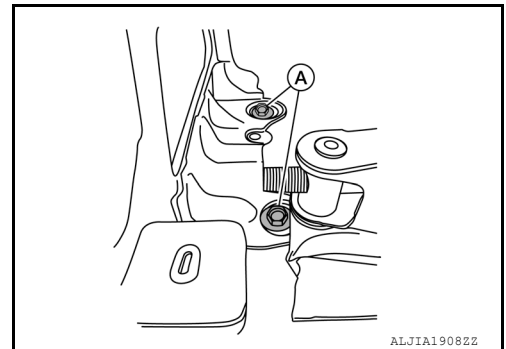
REAR SEAT

< REMOVAL AND INSTALLATION >

1. Remove storage box. Refer to [INT-28. "STORAGE BOX : Removal and Installation"](#).
2. Route seat belt through RH seat cushion.
3. Disconnect the harness connector from seat heater (if equipped).
4. Release harness clip from seat frame (if equipped).
5. Remove LH seat bolts (A) and seat belt (center) lower anchor bolt (B).



6. Remove the RH seat bolts (A).



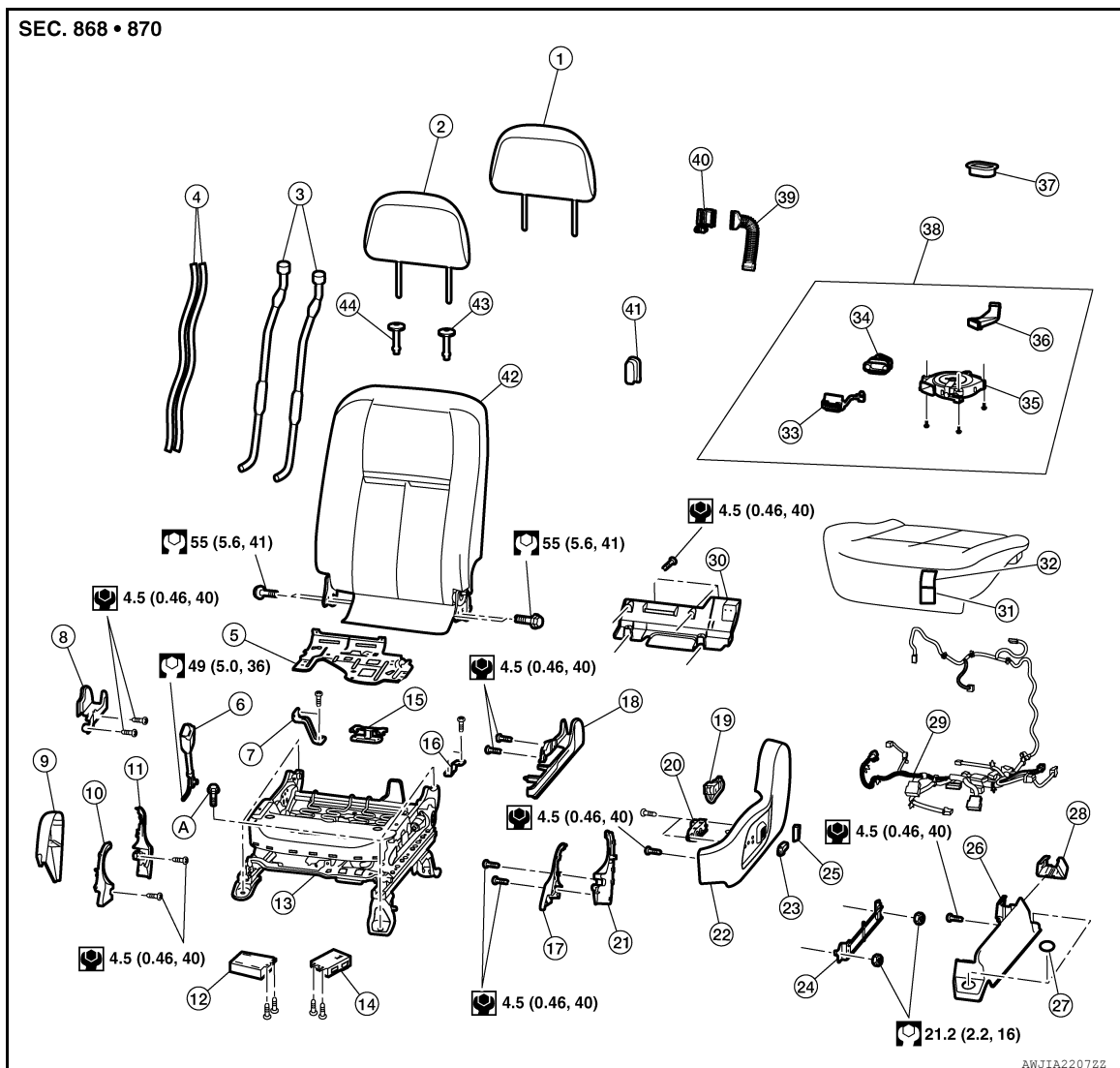
7. Release the seatback and remove the seat.

INSTALLATION

Installation is in the reverse order of removal.

INFOID:0000000014391857

SEC. 868 • 870



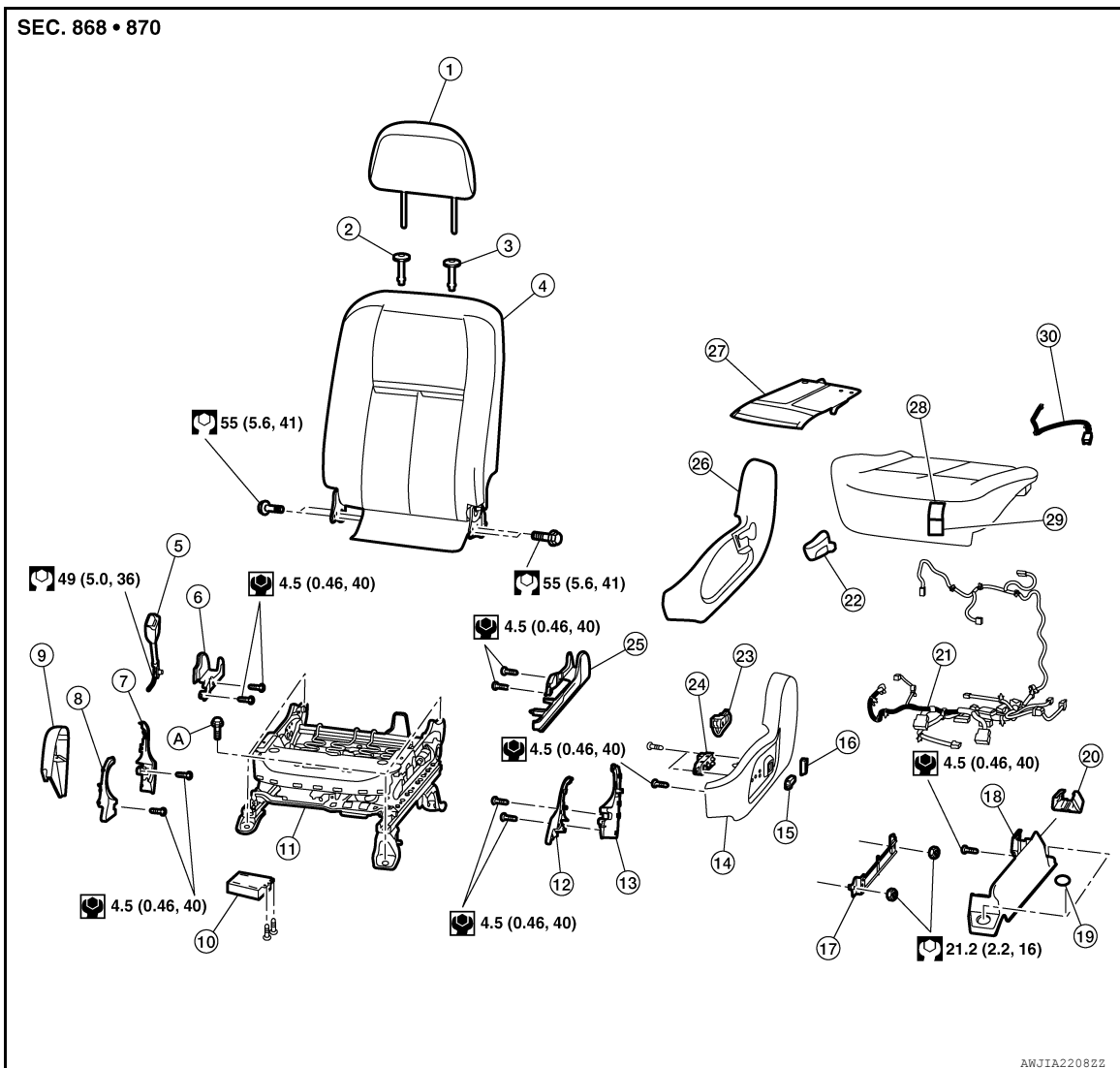
- 2017 Titan NAM

FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

- | | | |
|---|---|--------------------------|
| 37. Seat cushion thermal electric device nozzle | 38. Climate controlled seat blower motor assembly | 39. Upper blower duct |
| 40. Seatback thermal electric device | 41. Seatback thermal electric device nozzle | 42. Seatback assembly |
| 43. Headrest holder (locked) | 44. Headrest holder (free) | A. Refer to INSTALLATION |

Without Climate Controlled Driver Seat



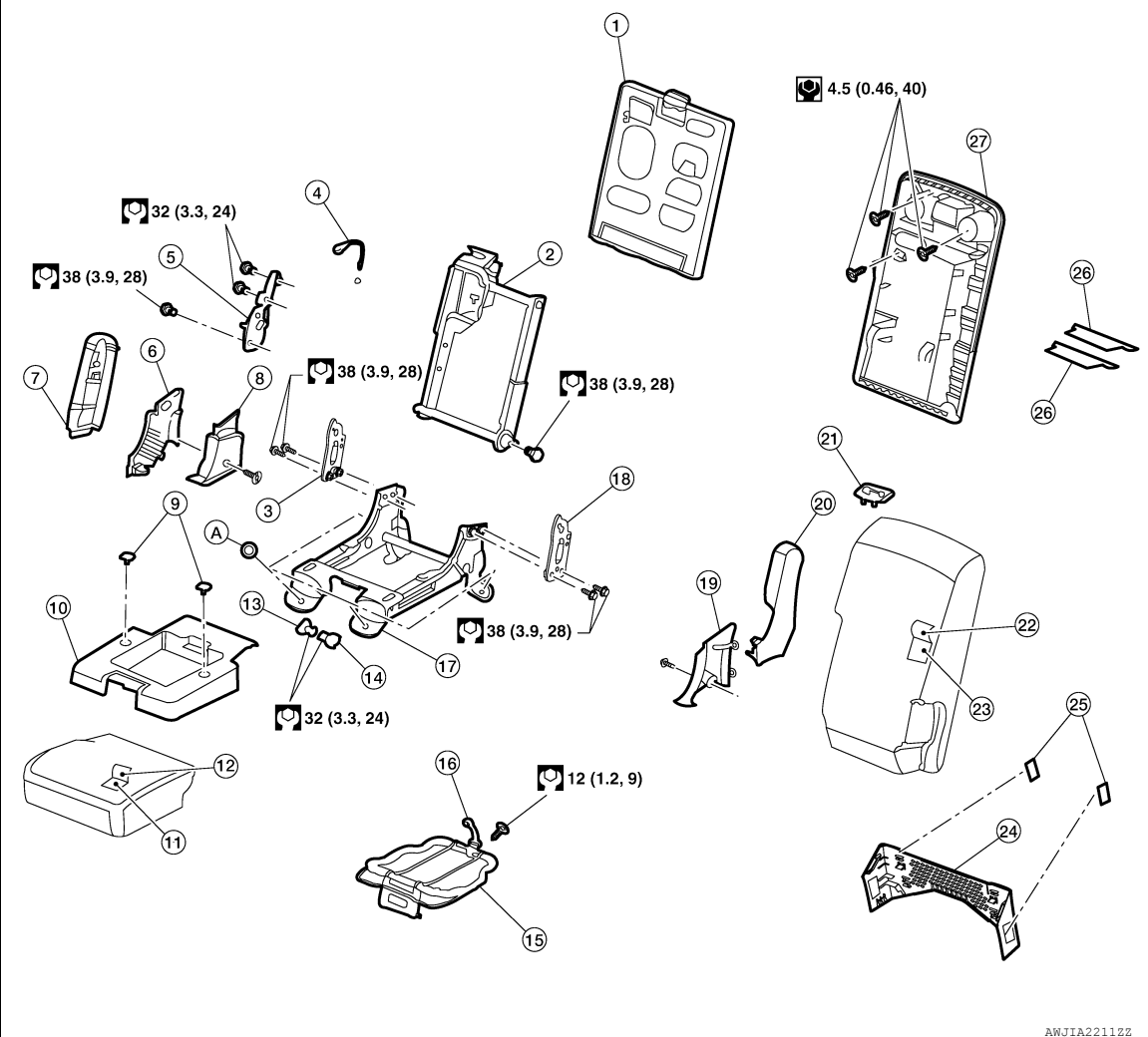
- | | | |
|--|---|--|
| 1. Headrest | 2. Headrest holder (locked) | 3. Headrest holder (free) |
| 4. Seatback assembly | 5. Seat belt buckle | 6. Rear slide finisher (RH) |
| 7. Seat cushion rear inner finisher (RH) | 8. Seat cushion front inner finisher (RH) | 9. Seat cushion outer finisher (RH) |
| 10. Driver seat control unit (if equipped) | 11. Seat cushion frame | 12. Seat cushion front inner finisher (LH) |
| 13. Seat cushion rear inner finisher (LH) | 14. Seat cushion outer finisher [LH (with power seat)] | 15. Seat slide knob (with power seat) |
| 16. Recline knob (with power seat) | 17. Leg finisher bracket | 18. Leg finisher |
| 19. Bolt cover | 20. Rear slide finisher (LH) | 21. Seat harness (with power seat) |
| 22. Recline lever (with manual seat) | 23. Lumbar support switch (with power seat) | 24. Power seat switch |
| 25. Slide finisher (LH) | 26. Seat cushion outer finisher [LH (with manual seat)] | 27. Seat cushion heater (if equipped) |
| 28. Seat cushion trim | 29. Seat cushion pad | 30. Seat harness (with manual seat) |
| A. Refer to INSTALLATION | | |

FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

Center Seat

SEC. 870

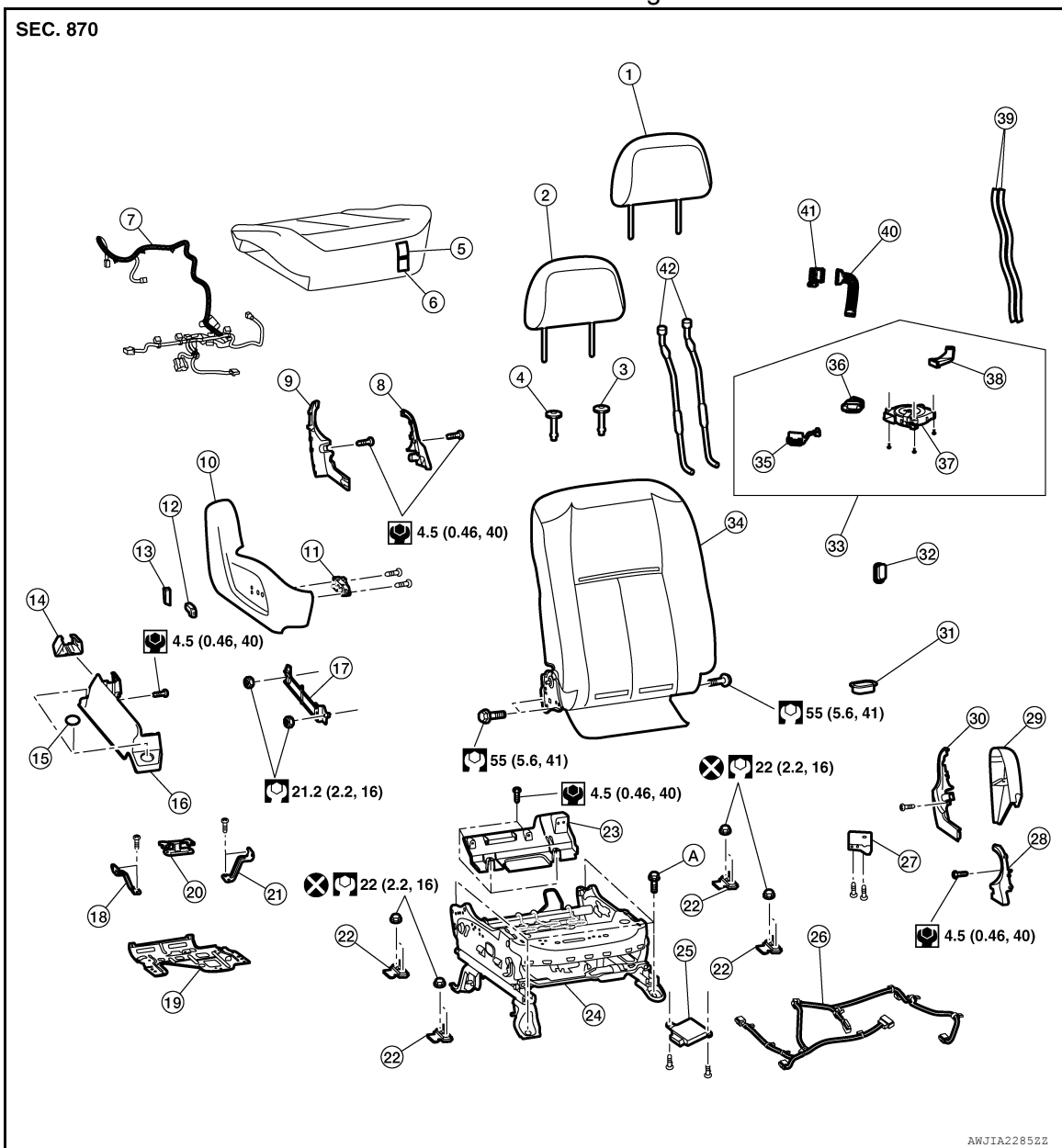


- | | | |
|--|--|--|
| 1. Armrest lid | 2. Armrest frame | 3. Armrest pivot arm bracket (RH) |
| 4. Armrest release strap | 5. Armrest pivot arm | 6. Armrest outer lower pivot finisher (RH) |
| 7. Armrest outer upper pivot finisher (RH) | 8. Armrest inner lower pivot finisher (RH) | 9. Rubber bumper (LH/RH) |
| 10. Storage bin | 11. Seat cushion pad | 12. Seat cushion trim |
| 13. Storage bin stopper (RH) | 14. Storage bin stopper (LH) | 15. Seat cushion frame |
| 16. Seat cushion strap | 17. Storage bin frame | 18. Armrest pivot arm bracket (LH) |
| 19. Armrest inner pivot finisher (LH) | 20. Armrest outer pivot finisher (LH) | 21. Seat belt guide |
| 22. Armrest trim | 23. Armrest pad | 24. Rear leg finisher |
| 25. Rear leg finisher caps | 26. Drawer divider | 27. Armrest drawer |
| A. Refer to INSTALLATION | | |

FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

Climate Controlled Passenger Seat



- | | | |
|---|--|---|
| 1. Headrest assembly with display unit (if equipped) | 2. Headrest assembly without display unit | 3. Headrest holder (locked) |
| 4. Headrest holder (free) | 5. Seat cushion trim | 6. Seat cushion pad |
| 7. Seat harness | 8. Seat cushion front inner finisher (RH) | 9. Seat cushion rear inner finisher (RH) |
| 10. Seat cushion outer finisher (RH) | 11. Power seat switch | 12. Slide knob |
| 13. Recline knob | 14. Rear slide finisher (RH) | 15. Bolt cover |
| 16. Leg finisher | 17. Leg finisher bracket | 18. Thermal electric device bracket (RH) |
| 19. Climate controlled seat blower assembly bracket | 20. Thermal electric device bracket (center) | 21. Thermal electric device bracket (LH) |
| 22. Occupant classification system sensor (Non-XD Models) | 23. Lower rear cover | 24. Seat cushion frame |
| 25. Occupant classification system control unit (Non-XD Models) | 26. Occupant classification system harness (Non-XD Models) | 27. Climate controlled seat control unit |
| 28. Seat cushion front inner finisher (LH) | 29. Seat cushion outer finisher (LH) | 30. Seat cushion rear inner finisher (LH) |
| 31. Seat cushion thermal electric device nozzle | 32. Seatback thermal electric device nozzle | 33. Climate controlled seat blower motor assembly |
| 34. Seatback assembly | 35. Seat cushion thermal electric device | 36. Lower blower duct |

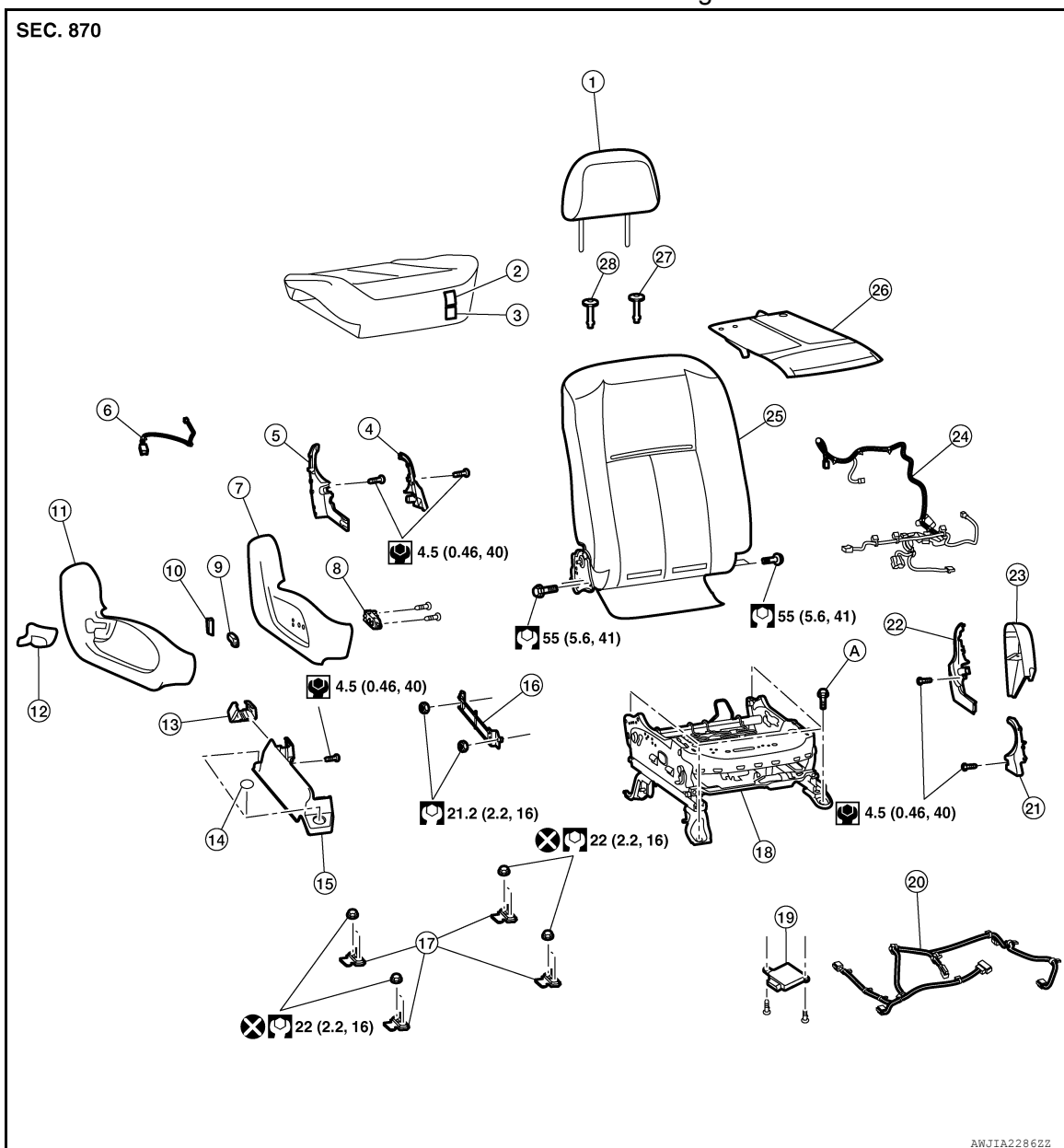
FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

- | | | |
|--|--------------------------------------|--|
| 37. Climate controlled seat blower motor | 38. Angle duct | 39. Harness guides (if equipped) |
| 40. Upper blower duct | 41. Seatback thermal electric device | 42. Headrest with display unit harnesses (if equipped) |

A. Refer to INSTALLATION

Without Climate Controlled Passenger Seat



- | | | |
|---|--|--|
| 1. Headrest | 2. Seat cushion trim | 3. Seat cushion pad |
| 4. Seat cushion front inner finisher (RH) | 5. Seat cushion front outer finisher (RH) | 6. Seat harness (with manual seat) |
| 7. Seat cushion outer finisher [RH (with power seat)] | 8. Power seat switch | 9. Seat slide knob (with power seat) |
| 10. Recline knob (with power seat) | 11. Seat cushion outer finisher [RH (with manual seat)] | 12. Recline lever (with manual seat) |
| 13. Rear slide finisher (RH) | 14. Bolt cover | 15. Leg finisher |
| 16. Leg finisher bracket | 17. Occupant classification system sensor (Non-XD Models) | 18. Seat cushion frame |
| 19. Occupant classification system control unit (Non-XD Models) | 20. Occupant classification system harness (Non-XD Models) | 21. Seat cushion front inner finisher (LH) |
| 22. Seat cushion rear inner finisher (LH) | 23. Seat cushion outer finisher (LH) | 24. Seat harness (with power seat) |

FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

- | | | |
|------------------------------|---------------------------------------|----------------------------|
| 25. Seatback assembly | 26. Seat cushion heater (if equipped) | 27. Headrest holder (free) |
| 28. Headrest holder (locked) | A. Refer to INSTALLATION | |

LH SEAT

LH SEAT : Seatback

INFOID:0000000014391858

DISASSEMBLY

WARNING:

Do not leave any objects (screwdrivers, tools, etc.) on the seat during seatback repair. It can lead to personal injury if the side air bag module should accidentally deploy.

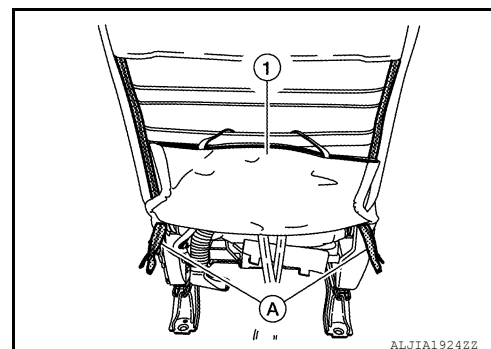
CAUTION:

- Before servicing, turn the ignition switch OFF, disconnect battery or batteries, then wait at least three minutes.
- Always work from the side or back of the seatback, do not work in front of seat.
- Do not use air tools or electric tools for servicing the seat assembly.
- Do not insert any objects into the side air bag module.
- Do not attempt to disassemble the side air bag module.
- Do not expose the side air bag module to temperatures exceeding 90°C (194°F).
- Do not expose the side air bag module to any oil, grease, detergent or water.
- During disassembly, do not damage the connectors, retainers, clips, module harness or the side air bag module.

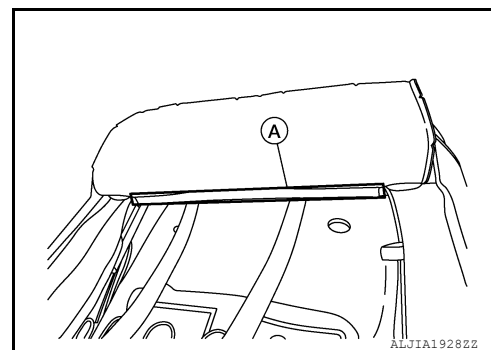
NOTE:

If the vehicle has been involved in a collision and the side air bag module has deployed, the seatback must be replaced.

1. Remove front seat LH. Refer to [SE-100. "Removal and Installation - Captain Seats"](#).
2. Release seatback strap from under the seat.
3. Release seatback zippers (A), then position seatback trim (1) aside.



4. Remove headrest.
 - a. For models equipped with headrest display unit, perform the following steps:
 - i. Disconnect harness connectors from headrest display.
 - ii. Release inner J-hook (A) from the seatback frame.

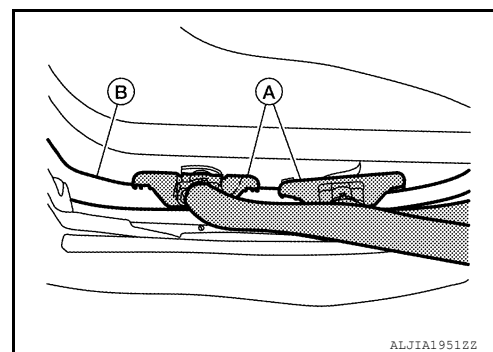


- iii. Press the headrest holder lock button and lift headrest up to remove from the seatback assembly.

FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

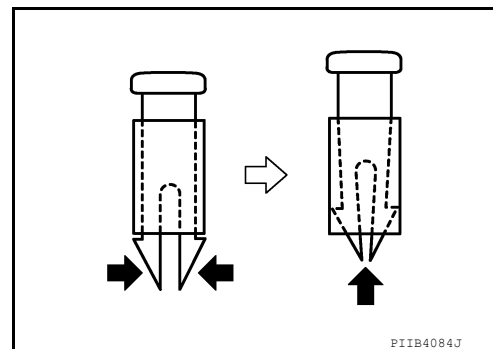
- iv. Release headrest harness guides (A) from seatback frame (B).



- b. For models without headrest display unit, perform the following step:
 - Press the headrest holder lock button and lift headrest up to remove from the seatback assembly.
5. Reach up behind the seatback pad, release the headrest holder locks as shown and remove the headrest holders.

CAUTION:


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



6. Remove the seat cushion outer finisher (LH).
 - a. For power seat:
 - i. Remove screw (A).
 - ii. Release metal clip (B) from the seat frame assembly (2) as shown.

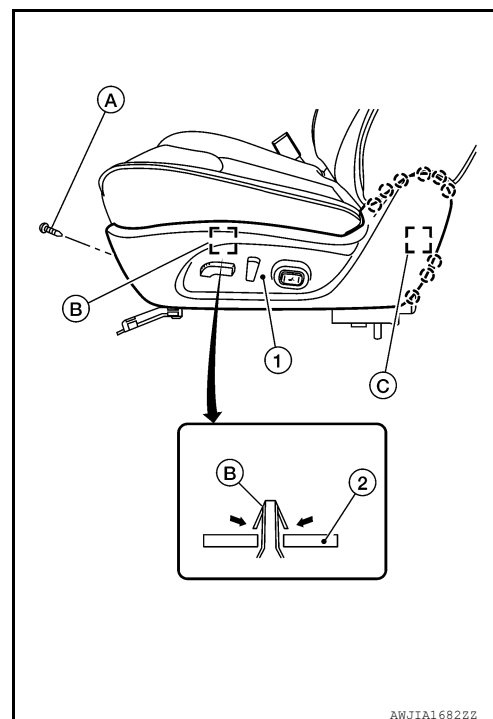
 : Metal clip

- iii. Release pawls and metal clip (C).

 : Pawl

 : Metal clip

- iv. Disconnect the harness connectors from the power seat switch and the lumbar support switch then remove power seat cushion outer finisher [LH (1)].




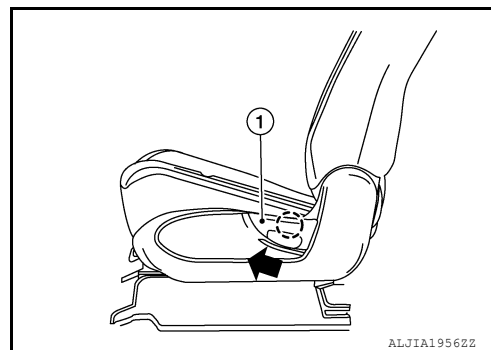
- b. For manual seat:

FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

- i. Release pawl and remove recline lever (1) as shown.


 : Pawl

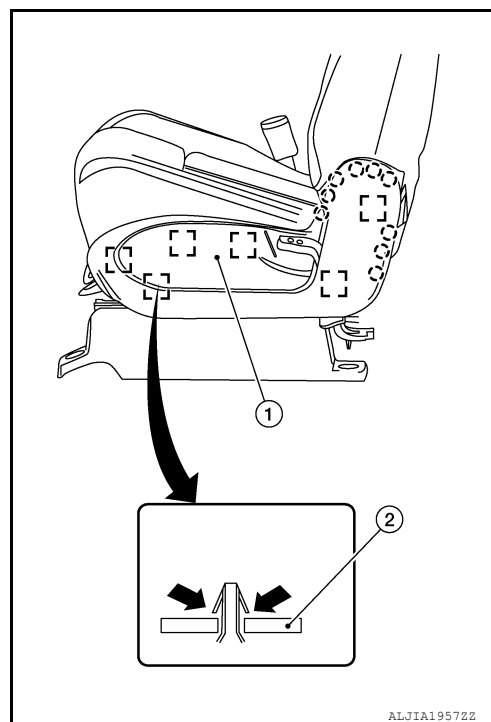


- ii. Starting from the front of the seat, release metal clips from seat frame assembly (2) as shown.


 : Metal clip


- iii. Release pawls then remove manual seat cushion outer finisher [LH (1)].

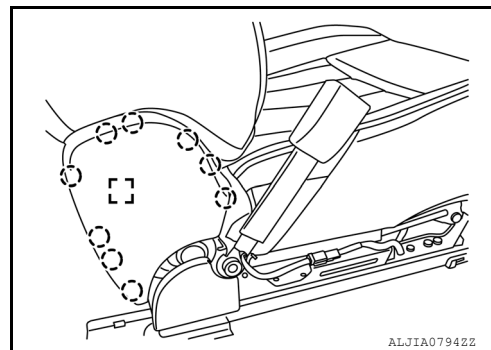
 : Pawl



7. Release pawls and metal clip, then remove the seat cushion outer finisher (RH).

 : Pawl

 : Metal clip



8. Unclip the side air bag module harness from the seat frame assembly.

NOTE:

Take note of harness routing and attachment location for correct installation.

9. Disconnect the harness connector from the lumbar support motor and unclip the harness from the seat-back assembly.

NOTE:

Take note of harness routing and attachment location for correct installation.

10. Disconnect the harness connector from the seatback heater (if equipped).

NOTE:


Take note of harness routing and attachment location for correct installation.

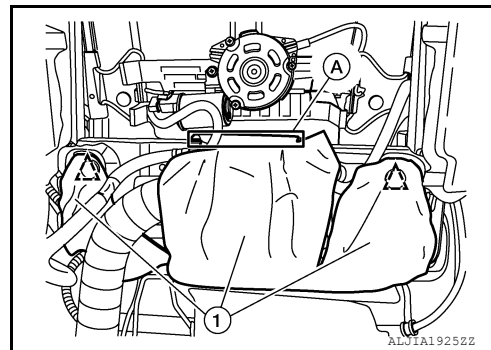
11. For models equipped with climate controlled seats, perform the following steps:

FRONT SEAT


< UNIT DISASSEMBLY AND ASSEMBLY >

- a. Release the seatback thermal electric device from the seatback bladder.
- b. Release clips, then release J-hook (A) and reposition the seatback trim (1) aside.

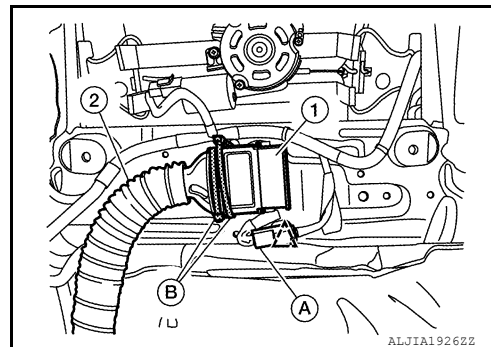
 : Clip



- c. Disconnect harness connector (A) from seatback thermal electric device, then release harness clip from seatback frame.

 : Clip

- d. Remove tie straps (B) and seatback thermal electric device (1) from upper blower duct (2) and seatback frame.

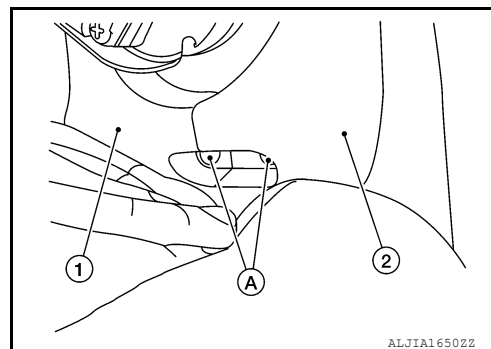


12. Reposition seat cushion assembly and remove screws (A).

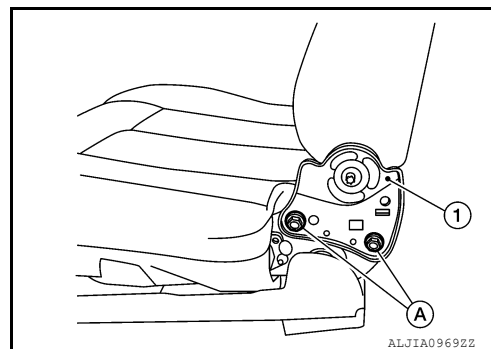
NOTE:

RH shown, LH similar.

13. Remove the seat cushion front inner finisher [RH (1)].
14. Remove seat cushion rear inner finisher [RH (2)].



15. Remove bolts (A) on both sides of the seatback assembly (1).



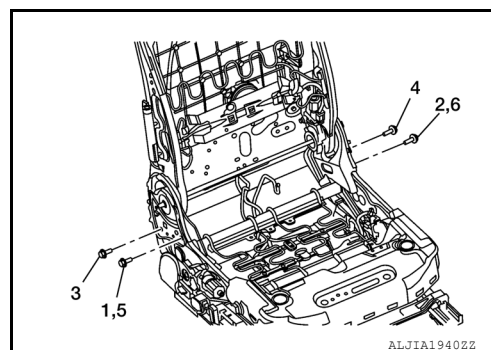
ASSEMBLY

Assembly is in the reverse order of disassembly.

FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

- Tighten the seatback assembly bolts to specification in the order shown. Refer to [SE-95, "Exploded View"](#).



CAUTION:

- After work is completed, check that no system malfunction is detected causing the air bag warning lamp to illuminate.
- If a malfunction is detected by the air bag warning lamp after repair or replacement of the malfunction parts, perform the SRS final check. Refer to [SRC-16, "SRS Final Check"](#).

LH SEAT : Seat Cushion

INFOID:000000014391859

DISASSEMBLY

WARNING:

Do not leave any objects (screwdrivers, tools, etc.) on the seat during seat cushion repair. It can lead to personal injury if the side air bag module should accidentally deploy.

CAUTION:

- Before servicing, turn the ignition switch OFF, disconnect battery or batteries and wait at least three minutes.
- Always work from the side or back of the seatback assembly, do not work in front of seat.
- Do not use air tools or electric tools for servicing the seat assembly.


1. Remove the front seat. Refer to [SE-100, "Removal and Installation - Captain Seats"](#).

2. Remove the seat cushion outer finisher.


a. For power seat:

i. Remove screw (A).

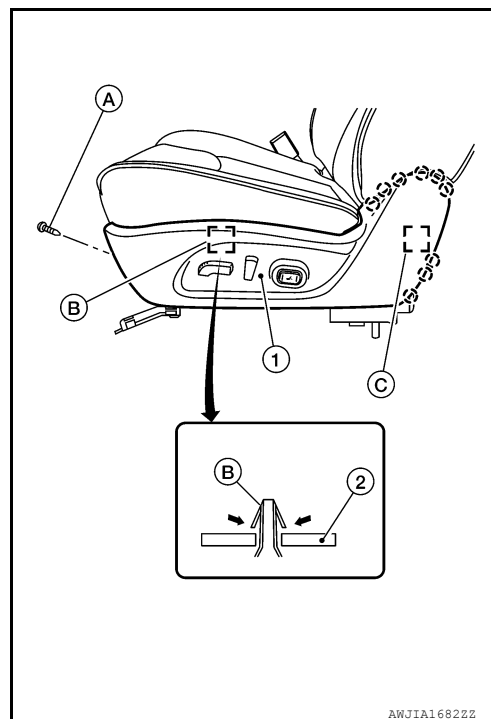
ii. Release metal clip (B) from the seat frame assembly (2) as shown.

 : Metal clip

iii. Release pawls and metal clip (C), then remove power seat cushion outer finisher [LH (1)].

 : Pawl

 : Metal clip




iv. Disconnect the harness connectors from the power seat switch and the lumbar support switch.

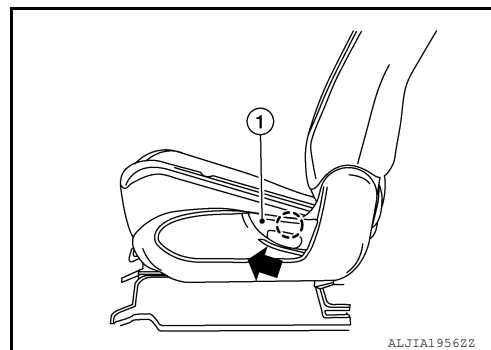
b. For manual seat:

FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

- i. Release pawl and remove recline lever (1) as shown.


 : Pawl

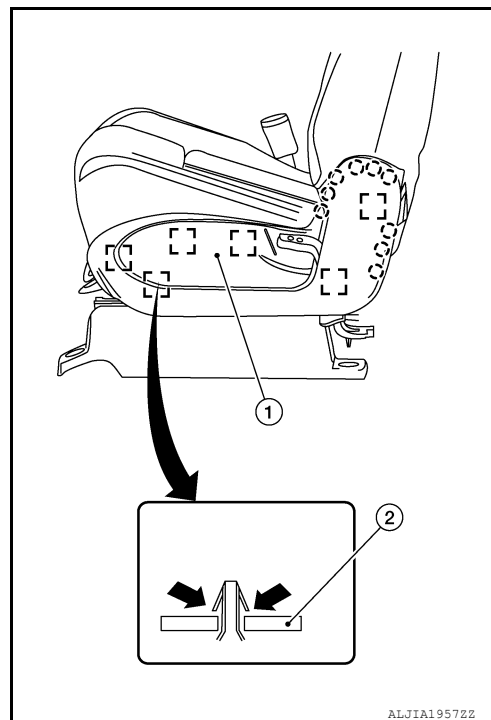


- ii. Starting from the front of the seat, release metal clips from seat frame assembly (2) as shown.


 : Metal clip


- iii. Release pawls then remove manual seat cushion outer finisher [LH (1)].

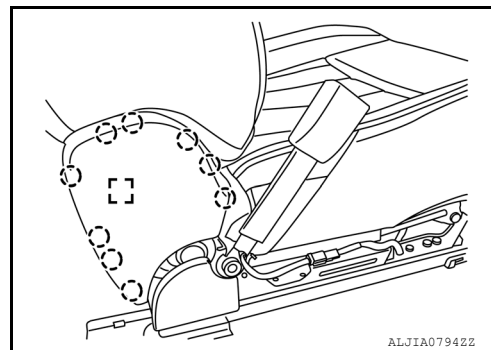
 : Pawl



3. Release pawls and metal clip and remove the seat cushion outer finisher (RH).

 : Pawl

 : Metal clip

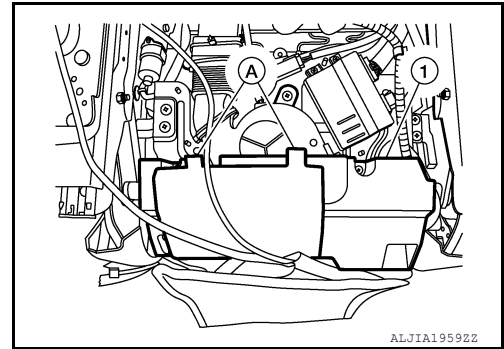


4. Release seatback flap from seat cushion frame, then position seatback flap aside.
5. For models equipped with climate control seats, perform the following procedure:

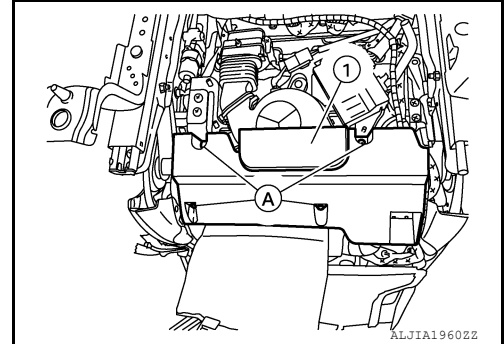
FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

- a. Release J-hooks (A) from the lower rear cover (1).

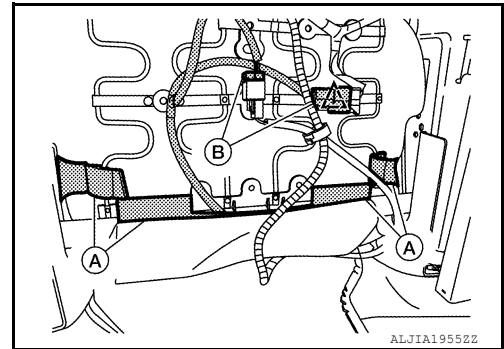
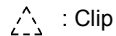


- b. Remove screws (A) and the lower rear cover (1).



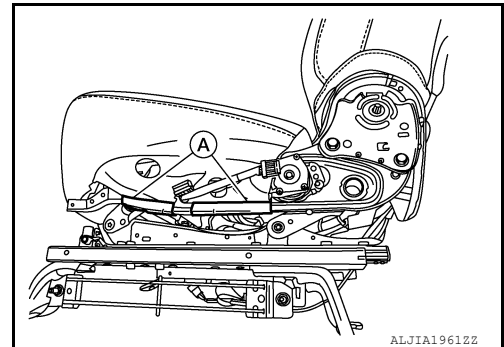
6. For models not equipped with climate controlled seats:

- a. Release J-hooks (A) from seat cushion frame.
b. Disconnect the harness connectors (B) from the seat cushion heater and release the harness clip.



7. Remove the seat cushion trim and seat cushion pad as an assembly from the seat cushion frame using the following procedure:

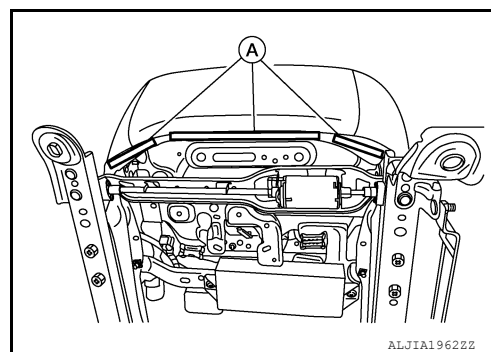
- a. Release the J-hooks (A) from the left side of the seat cushion frame.



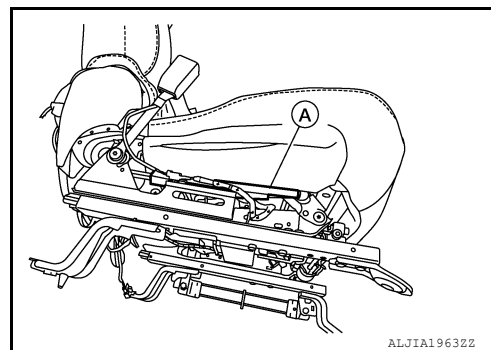
FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

- b. Release the J-hooks (A) from the front of the seat cushion frame.



- c. Release the J-hook (A) from the right side of the seat cushion frame.



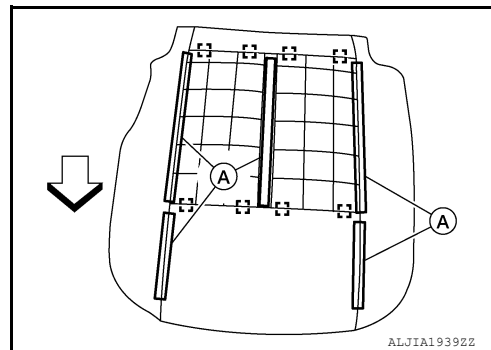
8. Release fasteners (A) then remove hog rings and separate the seat cushion trim from the seat cushion pad.

□ : Hog ring

⇐ : Front

CAUTION:

Remove all pieces of hog rings and discard them.

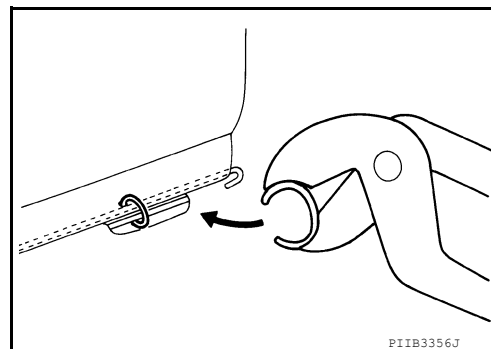


9. Remove seat cushion heater (if necessary). Refer to [SE-113, "Removal and Installation"](#).

ASSEMBLY

Assembly is in the reverse order of disassembly.

- Do not reuse hog rings.
- Use only one hog ring in each designated location.
- Make sure hog rings are correctly fastened around both the seat cushion trim and seat cushion pad wires.
- Use NISSAN standard hog rings and tools to assemble.
- Make sure hook fastener is pressed into place after seat cushion trim is assembled.
- Smooth out all wrinkles during assembly.



CAUTION:

- Always route side air bag module harness in original location. Replace any deformed or damaged clips with same type and color. Always install clips in the original location in the harness.
- After work is completed, check that no system malfunction is detected causing the air bag warning lamp to illuminate.
- If a malfunction is detected by the air bag warning lamp after repair or replacement of the malfunction parts, perform the SRS final check. Refer to [SRC-16, "SRS Final Check"](#).

FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

CENTER SEAT

CENTER SEAT : Seatback

INFOID:000000014391860

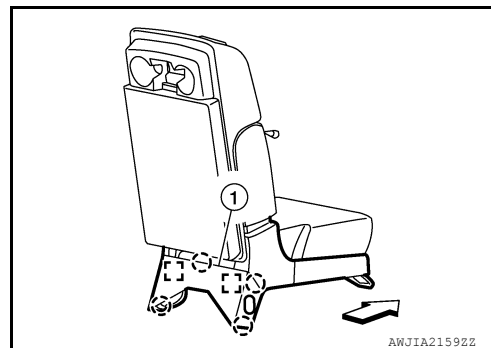
DISASSEMBLY

CAUTION:

- Always work from the side or back of the seatback, do not work in front of seat.
- Do not use air tools or electric tools for servicing the seat assembly.

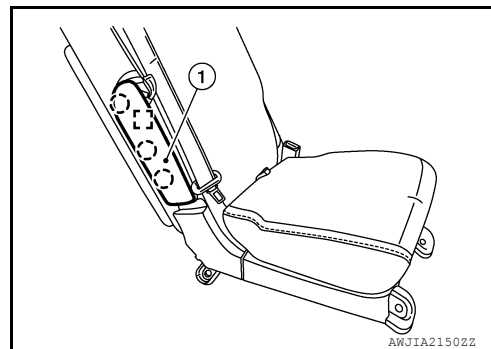
1. Remove front center seat. Refer to [SE-101. "Removal and Installation - Center Seat"](#).
2. Release metal clips and pawls, then remove rear leg finisher (1).

- : Pawl
□ : Metal clip
⇐ : Front



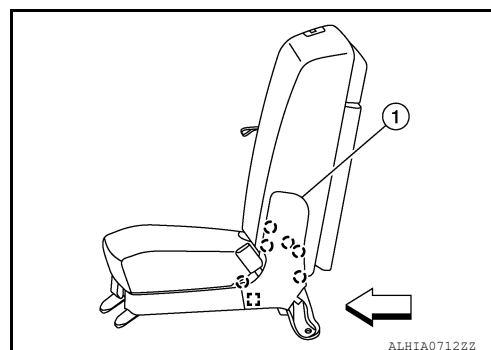
3. Release metal clip and pawls, then remove armrest outer upper pivot finisher [RH (1)].

- : Pawl
□ : Metal clip



4. Release pawls and metal clip, then remove armrest outer pivot finisher [LH (1)].

- : Pawl
□ : Metal clip
⇐ : Front

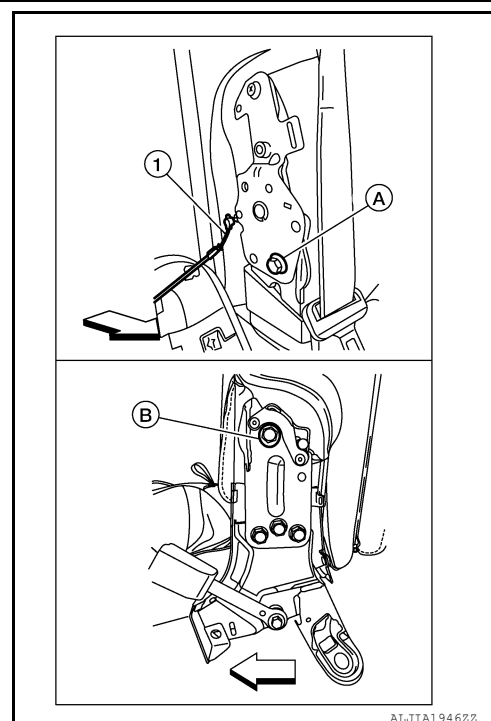


FRONT SEAT

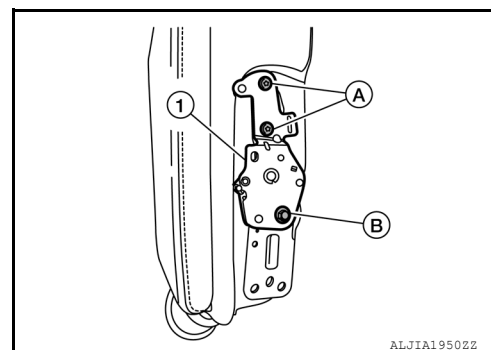
< UNIT DISASSEMBLY AND ASSEMBLY >

5. Remove armrest release strap (1), then remove armrest pivot bolts (A, B) and remove armrest.

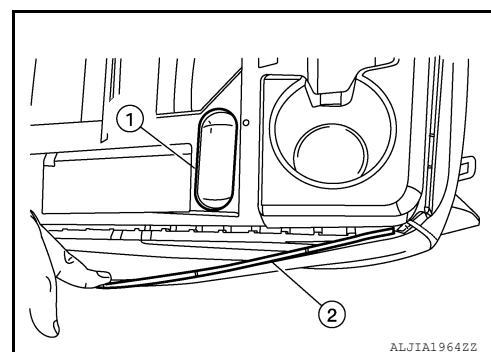
⇐ : Front



6. Remove armrest inner and outer pivots (RH) using the following procedure:
 - a. Remove screws (A) and bolt (B) from armrest pivot arm (1), then remove armrest pivot arm.



7. Lift the armrest lid, then release armrest trim (2) from around the armrest drawer (1) and remove the armrest trim and the armrest pad from the armrest frame.

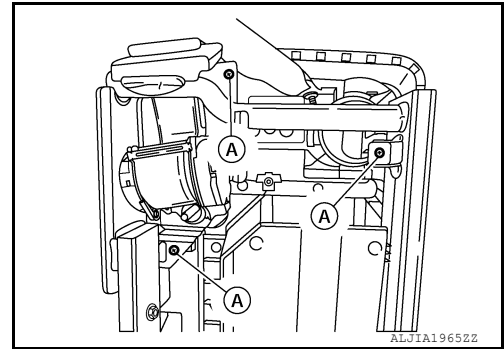


8. Separate the armrest trim from the armrest pad.
9. Remove three screws and remove the seat belt guide from the armrest frame.

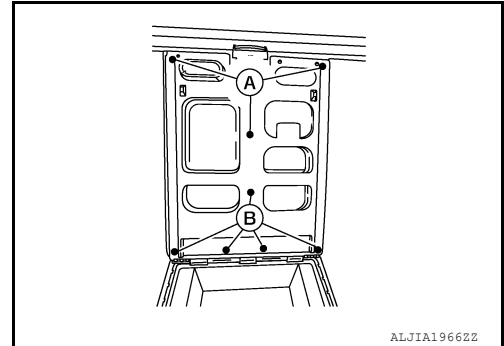
FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

- Remove screws (A), then remove armrest lid and armrest drawer as an assembly from the armrest frame.



- Remove screws (A, B), then separate the armrest lid from the armrest drawer.



ASSEMBLY

Assembly is in the reverse order of disassembly.

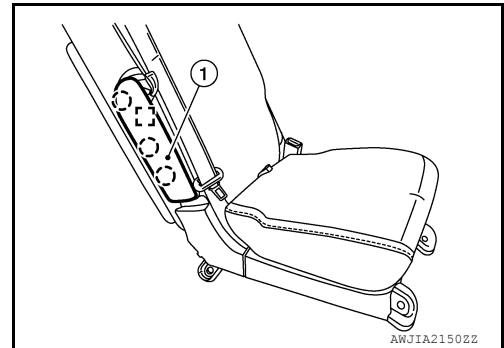
CENTER SEAT : Seat Cushion

INFOID:0000000014391861

DISASSEMBLY

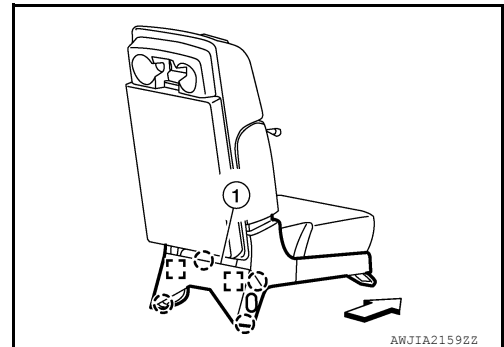
- Remove front center seat. Refer to [SE-101, "Removal and Installation - Center Seat"](#).
- Release metal clip and pawls, then remove armrest outer upper pivot finisher [RH (1)].

○ : Pawl
□ : Metal clip



- Release metal clips and pawls, then remove rear leg finisher (1).

○ : Pawl
□ : Metal clip
← : Front

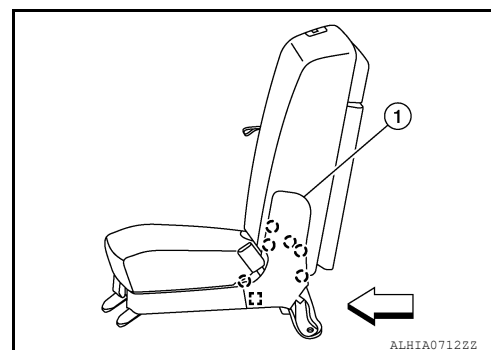


FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

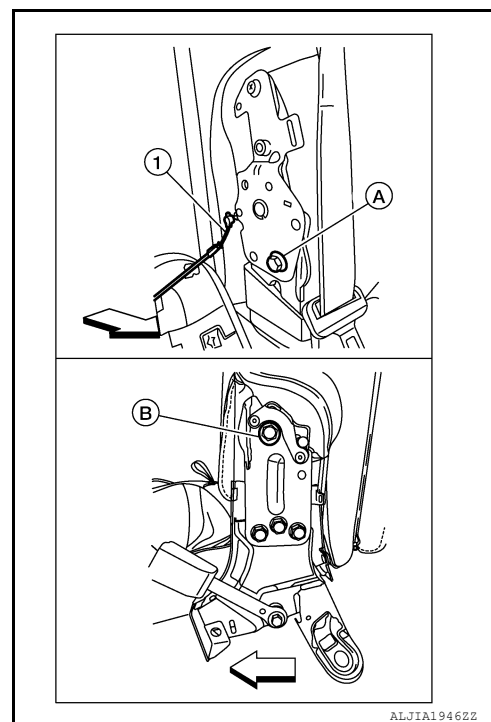
4. Release pawls and metal clip, then remove armrest outer pivot finisher [LH (1)].

○ : Pawl
 □ : Metal clip
 ⇐ : Front



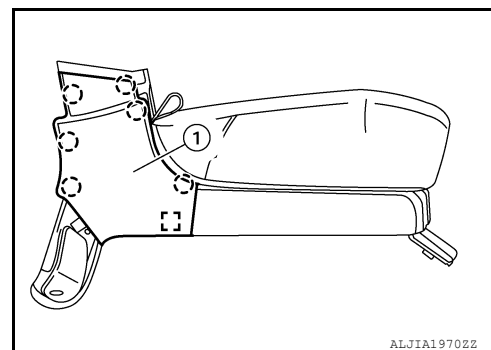
5. Remove armrest release strap (1), then remove armrest pivot bolts (A, B) and remove armrest.

⇐ : Front



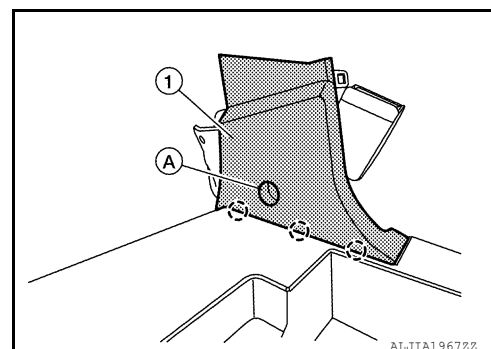
6. Release metal clip and pawls, then remove armrest outer lower finisher [RH (1)].

○ : Pawl
 □ : Metal clip



7. Lift seat cushion trim and perform the following procedure:
 - a. Release pawls, then remove screw (A) and armrest inner lower pivot finisher [LH (1)].


○ : Pawl

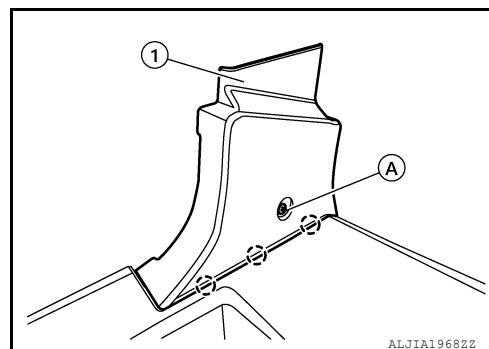


FRONT SEAT

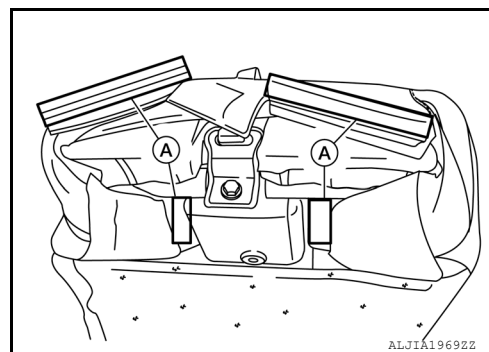
< UNIT DISASSEMBLY AND ASSEMBLY >

- b. Release pawls, then remove screw (A) and armrest inner pivot finisher [RH (1)].

 : Pawl



8. Remove rubber bumpers (RH/LH) from storage bin (if necessary).
9. Remove storage bin from storage bin frame.
10. Remove screws from storage bin stoppers (RH/LH), then remove seat cushion from storage bin frame.
11. Release J-hooks (A) then remove seat cushion trim from seat cushion frame.



ASSEMBLY

Assembly is in the reverse order of disassembly.

RH SEAT

RH SEAT : Seatback

INFOID:0000000014391862

DISASSEMBLY

WARNING:

Do not leave any objects (screwdrivers, tools, etc.) on the seat during seatback repair. It can lead to personal injury if the side air bag module should accidentally deploy.

CAUTION:

- Before servicing, turn the ignition switch OFF, disconnect battery or batteries, then wait at least three minutes.
- Always work from the side or back of the seatback, do not work in front of seat.
- Do not use air tools or electric tools for servicing the seat assembly.
- Do not insert any objects into the side air bag module.
- Do not attempt to disassemble the side air bag module.
- Do not expose the side air bag module to temperatures exceeding 90°C (194°F).
- Do not expose the side air bag module to any oil, grease, detergent or water.
- During disassembly, do not damage the connectors, retainers, clips, module harness or the side air bag module.

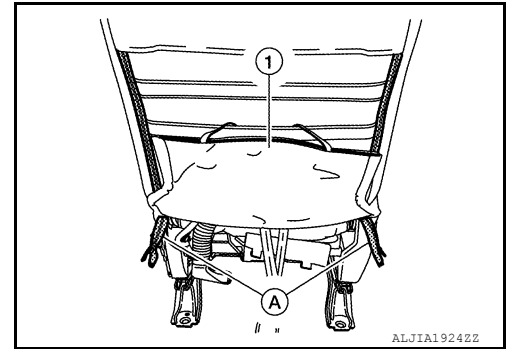
NOTE:

- If the vehicle has been involved in a collision and the side air bag module has deployed, the seatback must be replaced.
1. Remove front seat RH. Refer to [SE-100. "Removal and Installation - Captain Seats"](#).
 2. Release seatback strap from under the seat.

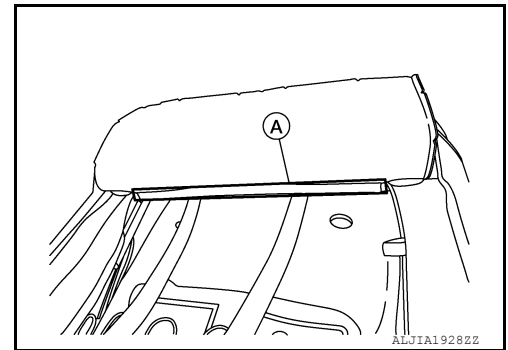
FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

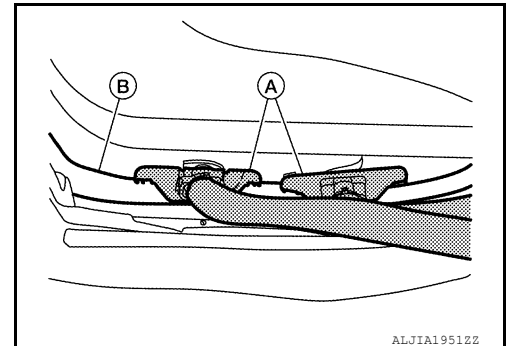
3. Release seatback zippers (A), then position seatback trim (1) aside.



4. Remove headrest.
 - a. For models equipped with headrest display unit, perform the following steps:
 - i. Disconnect harness connectors from headrest display.
 - ii. Release inner J-hook (A) from the seatback frame.



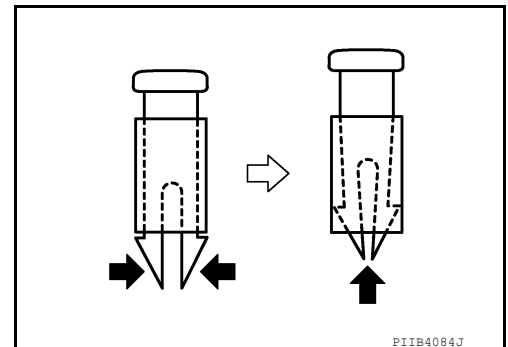
- iii. Press the headrest holder lock button and lift headrest up to remove from the seatback assembly.
 - iv. Release headrest harness guides (A) from seatback frame (B).



- b. For models without headrest display unit, perform the following step:
 - Press the headrest holder lock button and lift headrest up to remove from the seatback assembly.
5. Reach up behind the seatback pad, release the headrest holder locks as shown and remove the headrest holders.

CAUTION:

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



6. Remove the seat cushion outer finisher (RH) using the following procedures:

FRONT SEAT


< UNIT DISASSEMBLY AND ASSEMBLY >

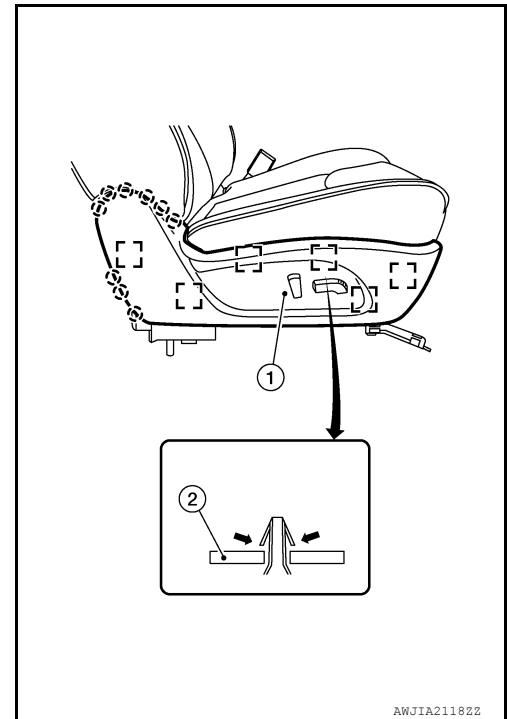
a. For power seat:

- i. Starting from the front of the seat, release metal clips from seat frame assembly (2) as shown.

 : Metal clip


- ii. Release pawls then disconnect the harness connector from the power seat switch and remove power seat cushion outer finisher [RH (1)].

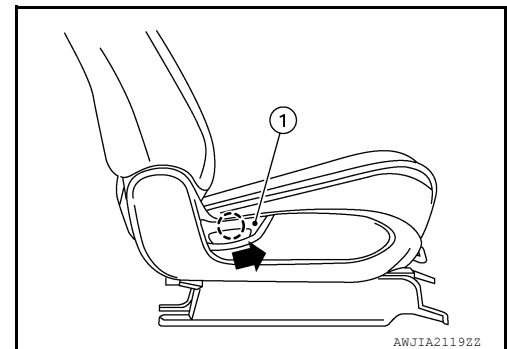
 : Pawl



b. For manual seat:

- i. Release pawl and remove recline lever (1) as shown.


 : Pawl

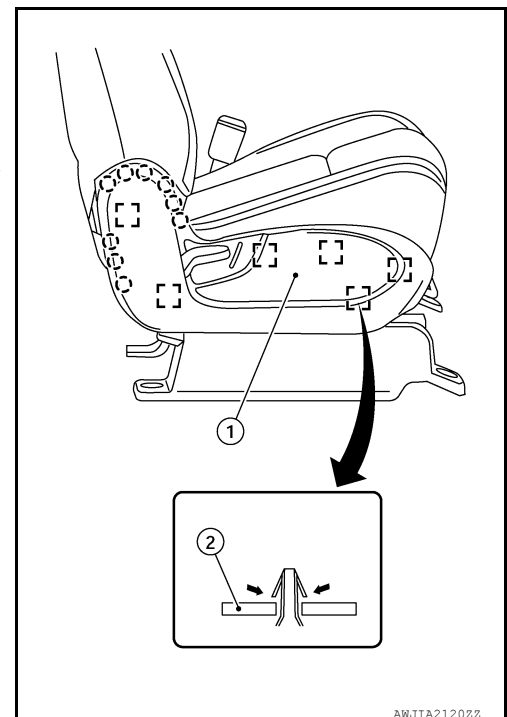


- ii. Starting from the front of the seat, release metal clips from seat frame assembly (2) as shown.

 : Metal clip

- iii. Release pawls then remove manual seat cushion outer finisher [RH (1)].

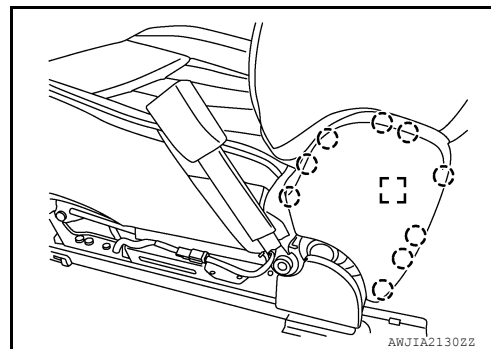
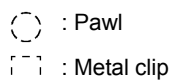
 : Pawl



FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

7. Release pawls and metal clip, then remove the seat cushion outer finisher (LH).



8. Unclip the side air bag module harness from the seat frame assembly.

NOTE:

Take note of harness routing and attachment location for correct installation.

9. Disconnect the harness connector from the seatback heater (if equipped) and unclip the harness from the seatback frame.

NOTE:

Take note of harness routing and attachment location for correct installation.

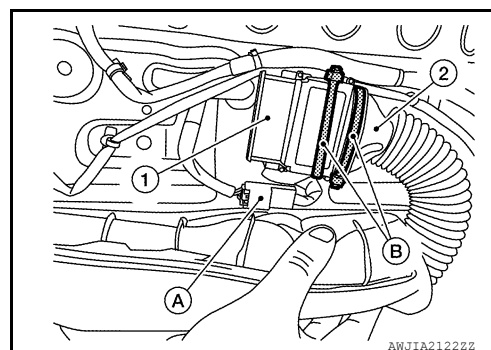
10. Disconnect the harness connector from the seatback thermal electric device (if equipped) and unclip the harness from the seatback frame.

NOTE:

Take note of harness routing and attachment location for correct installation.

11. For models equipped with climate controlled seats, perform the following procedure:

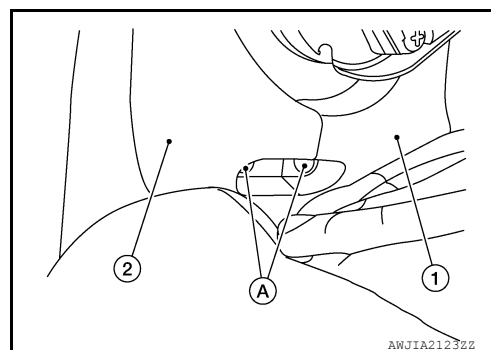
- Reposition seatback pad, then disconnect the harness connector (A) from the seatback thermal electric device (1).
- Remove the tie straps (B) and seatback thermal electric device (1) from the upper blower duct (2) and seatback frame.



12. Reposition seat cushion assembly and remove screws (A).

13. Remove the seat cushion front inner finisher [LH/RH (1)].

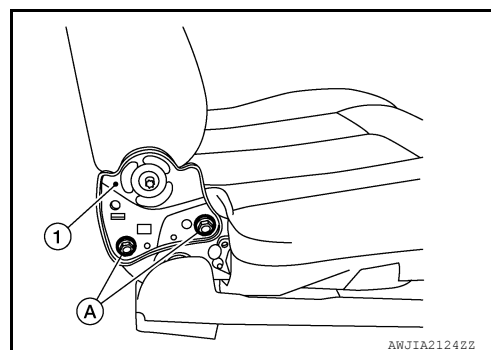
14. Remove seat cushion rear inner finisher [LH/RH (2)].



15. Remove bolts (A) on both sides of the seatback assembly (1).

NOTE:

RH shown, LH similar.



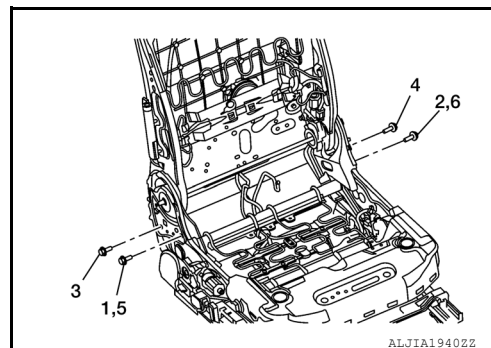
FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

ASSEMBLY

Assembly is in the reverse order of disassembly.

- Tighten the seatback assembly bolts to specification in the order shown. Refer to [SE-95, "Exploded View"](#).



CAUTION:

- Always route side air bag module harness in original location. Replace any deformed or damaged clips with same type and color. Always install clips in the original location in the harness.
- After work is completed, check that no system malfunction is detected causing the air bag warning lamp to illuminate.
- If a malfunction is detected by the air bag warning lamp after repair or replacement of the malfunction parts, perform the SRS final check. Refer to [SRC-16, "SRS Final Check"](#).

RH SEAT : Seat Cushion

INFOID:0000000014391863

DISASSEMBLY

WARNING:

Do not leave any objects (screwdrivers, tools, etc.) on the seat during seat cushion repair. It can lead to personal injury if the side air bag module should accidentally deploy.

CAUTION:

- Before servicing, turn the ignition switch OFF, disconnect battery or batteries and wait at least three minutes.
- Always work from the side or back of the seatback assembly, do not work in front of seat.
- Do not use air tools or electric tools for servicing the seat assembly.

1. Remove the RH front seat. Refer to [SE-100, "Removal and Installation - Captain Seats"](#).
2. Remove the seat cushion outer finisher (RH) using the following procedure:

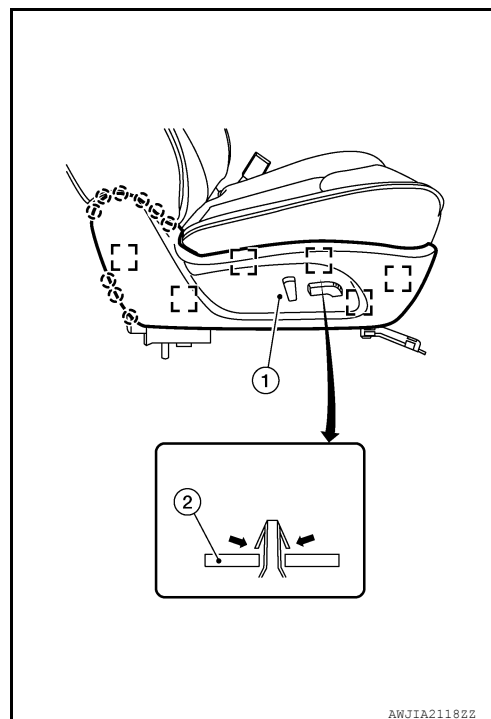
a. For power seat:

- i. Starting from the front of the seat, release metal clips from seat frame assembly (2) as shown.

[] : Metal clip

- ii. Release pawls, then disconnect harness connector and remove power seat cushion outer finisher [RH (1)].

○ : Pawl




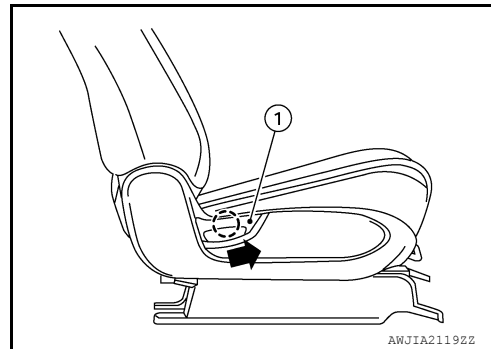
FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >


b. For manual seat:

i. Release pawl and remove recline lever (1) as shown.


 : Pawl

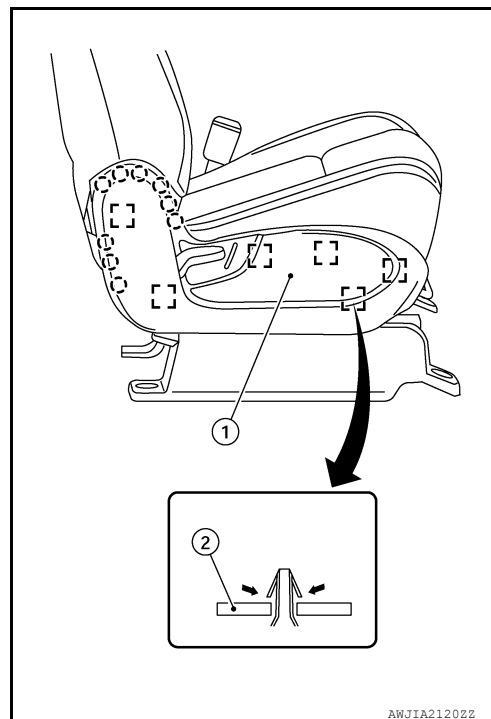


ii. Starting from the front of the seat, release metal clips from seat frame assembly (2) as shown.


 : Metal clip

iii. Release pawls then remove manual seat cushion outer finisher [RH (1)].

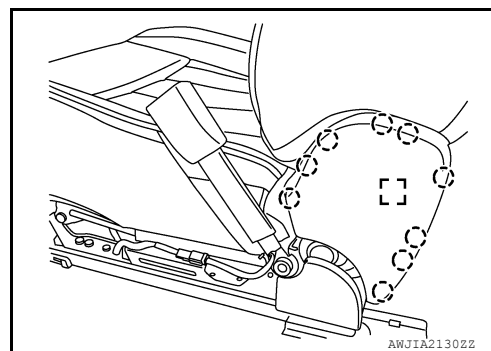
 : Pawl



3. Release pawls and metal clip and remove the seat cushion outer finisher (LH).

 : Pawl

 : Metal clip



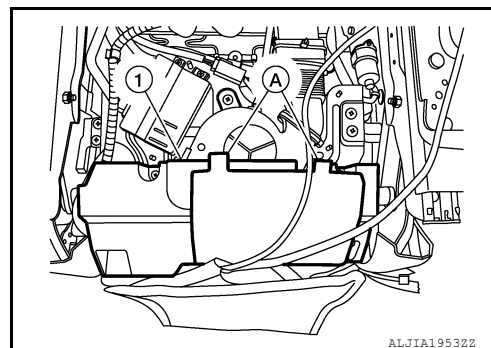
4. Release seatback flap from seat cushion frame, then position seatback flap aside.

5. For models equipped with climate control seats, perform the following procedure:

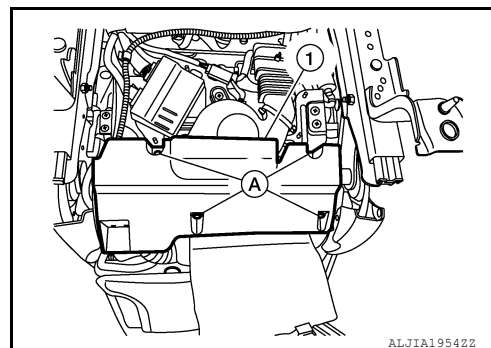
FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

- a. Release J-hooks (A) from the lower rear cover (1).

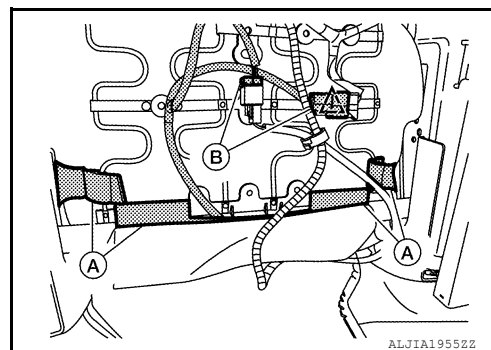
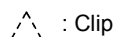


- b. Remove screws (A) and the lower rear cover (1).



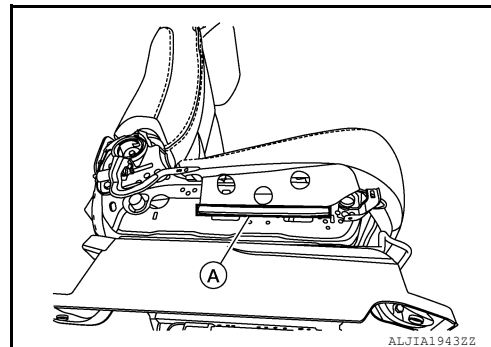
6. For models not equipped with climate controlled seats:

- a. Release J-hooks (A) from seat cushion frame.
- b. Disconnect the harness connectors (B) from the seat cushion heater and release the harness clip.



7. Remove seat cushion trim and seat cushion pad using the following procedure:

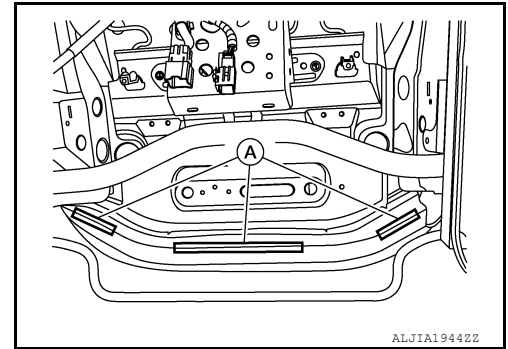
- a. Release seat cushion J-hook (A) from the RH side of the seat cushion frame.



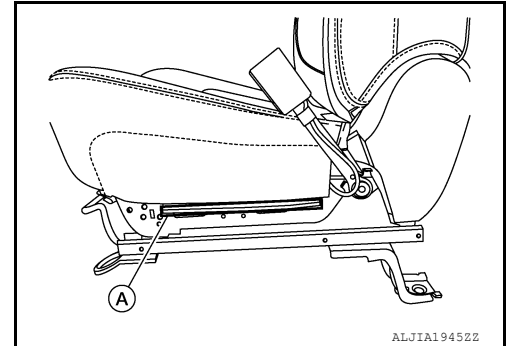
FRONT SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

- b. Release the front seat cushion J-hooks (A).



8. Release the seat cushion trim J-hook (A) from the LH side of the seat cushion frame.



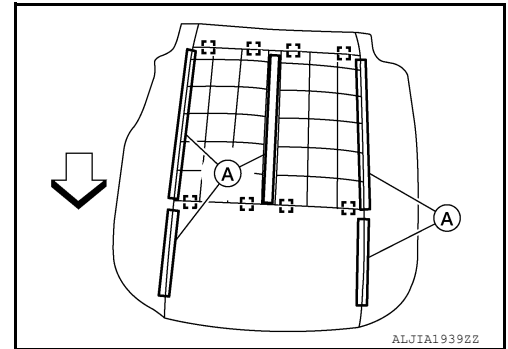
9. Release fasteners (A) then remove hog rings and separate the seat cushion trim from the seat cushion pad.

□ : Hog ring

⇐ : Front

CAUTION:

Remove all pieces of hog rings and discard them.

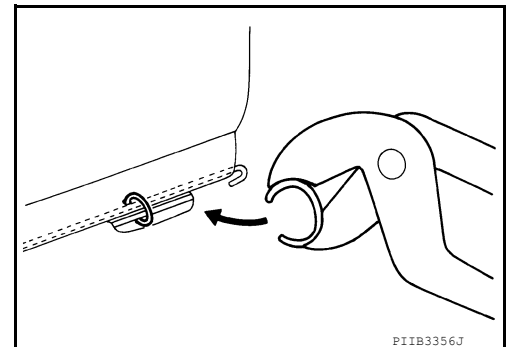


10. Remove seat cushion heater (if necessary). Refer to [SE-113, "Removal and Installation"](#).

ASSEMBLY

Assembly is in the reverse order of disassembly.

- Install new hog rings on the seat cushion trim in original positions.
- Use only one hog ring in each designated location.
- Make sure hog rings are correctly fastened around both the seat cushion trim and seat cushion pad wires.
- Use NISSAN standard hog rings and tools to assemble.
- Make sure hook fastener is pressed into place after seat cushion trim is assembled.
- Smooth out all wrinkles during assembly.



CAUTION:

- Always route side air bag module harness in original location. Replace any deformed or damaged clips with same type and color. Always install clips in the original location in the harness.
- After work is completed, check that no system malfunction is detected causing the air bag warning lamp to illuminate.
- If a malfunction is detected by the air bag warning lamp after repair or replacement of the malfunction parts, perform the SRS final check. Refer to [SRC-16, "SRS Final Check"](#).

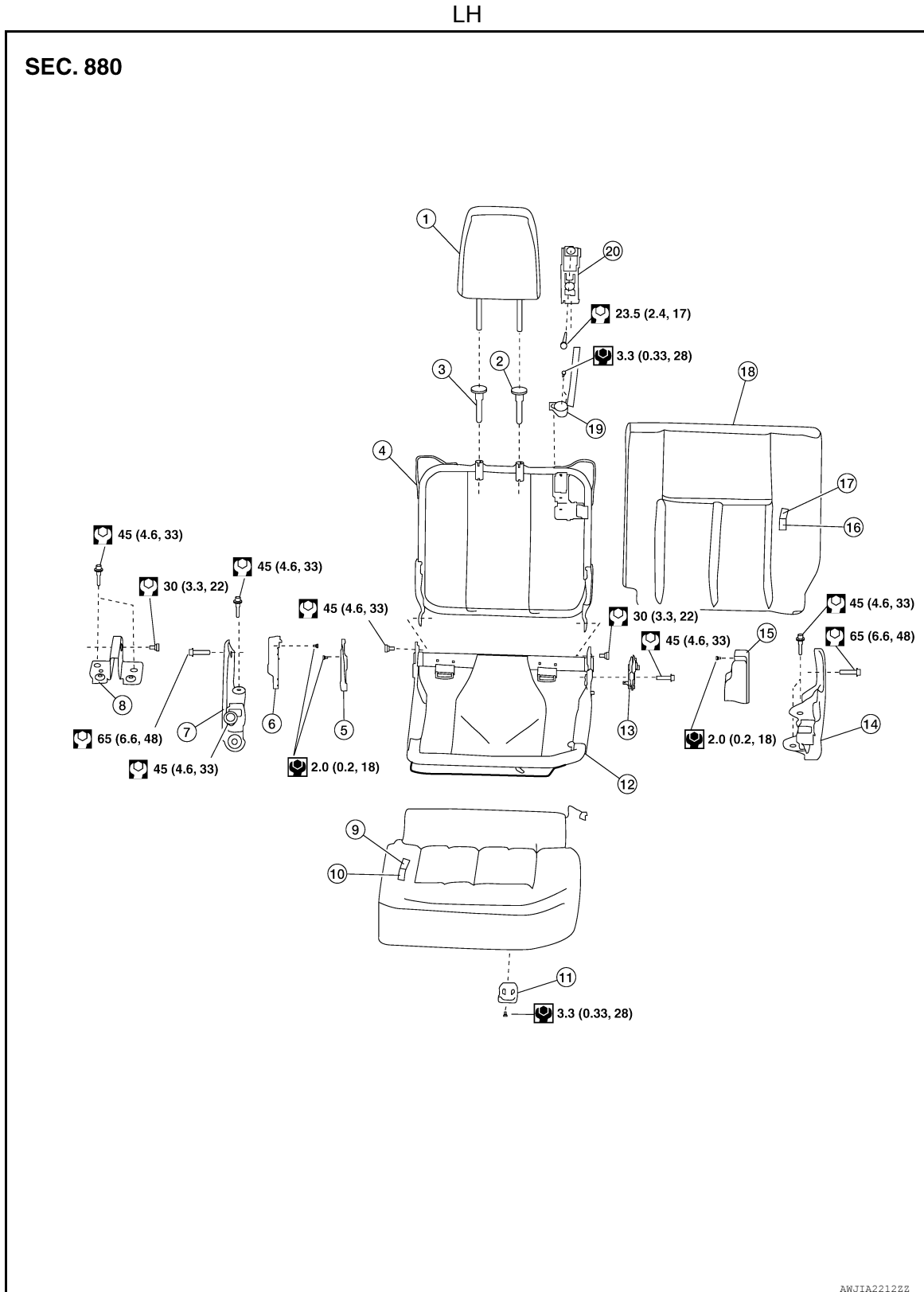
REAR SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

REAR SEAT

Exploded View

INFOID:000000014391864



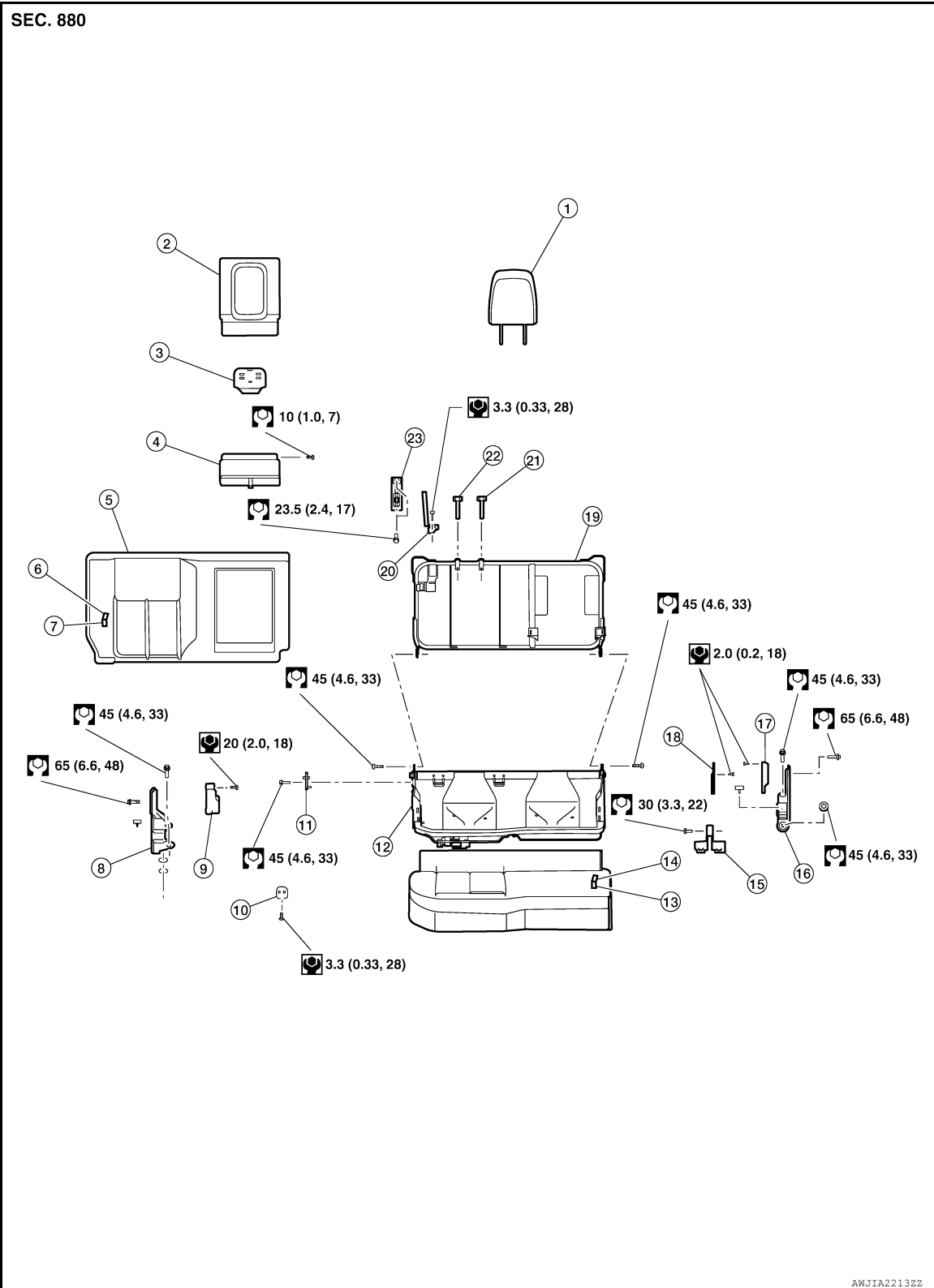
- | | | |
|-------------------|------------------------------|------------------------------|
| 1. Headrest | 2. Headrest holder (locked) | 3. Headrest holder (free) |
| 4. Seatback frame | 5. Inner pivot finisher (RH) | 6. Outer pivot finisher (RH) |

REAR SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

- | | | |
|-----------------------------------|-------------------------------|-------------------------|
| 7. Seat support bracket (RH) | 8. Rear seat bracket | 9. Seat cushion trim |
| 10. Seat cushion pad | 11. Grocery bag hook | 12. Seat cushion frame |
| 13. Seat cushion release assembly | 14. Seat support bracket (LH) | 15. Pivot finisher (LH) |
| 16. Seatback pad | 17. Seatback trim | 18. Seatback assembly |
| 19. Seatback latch | 20. Seatback striker | |

RH



REAR SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

- | | | |
|-------------------------------|-----------------------------------|-------------------------------|
| 1. Headrest | 2. Armrest finisher | 3. Cup holder |
| 4. Armrest assembly | 5. Seatback assembly | 6. Seatback trim |
| 7. Seatback pad | 8. Seat support bracket (RH) | 9. Pivot finisher (RH) |
| 10. Grocery bag hook | 11. Seat cushion release assembly | 12. Seat cushion frame |
| 13. Seat cushion pad | 14. Seat cushion trim | 15. Rear seat bracket |
| 16. Seat support bracket (LH) | 17. Outer pivot finisher (LH) | 18. Inner pivot finisher (LH) |
| 19. Seatback frame | 20. Seatback latch assembly | 21. Headrest holder (locked) |
| 22. Headrest holder (free) | 23. Seatback striker | |

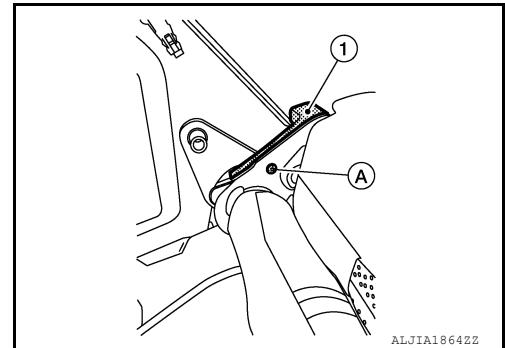
LH SEAT

LH SEAT : Seatback

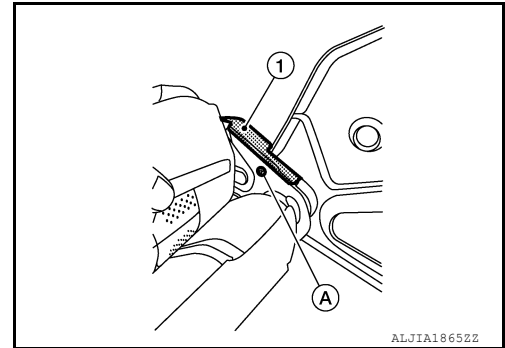
INFOID:000000014391865

DISASSEMBLY

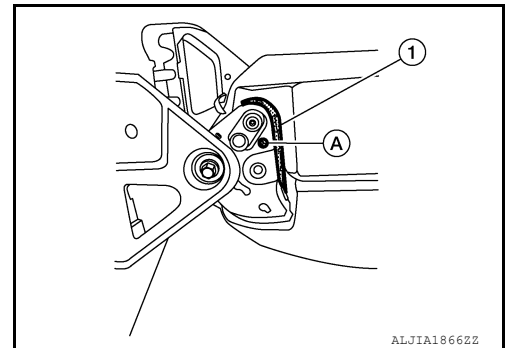
1. Remove the LH rear seat. Refer to [SE-116, "LH SEAT : Removal and Installation"](#).
2. Remove screw (A) and pivot finisher [LH (1)].



3. Remove screw (A), then release pawls and remove outer pivot finisher [RH (1)].



4. Remove screw (A) and inner pivot finisher [RH (1)].

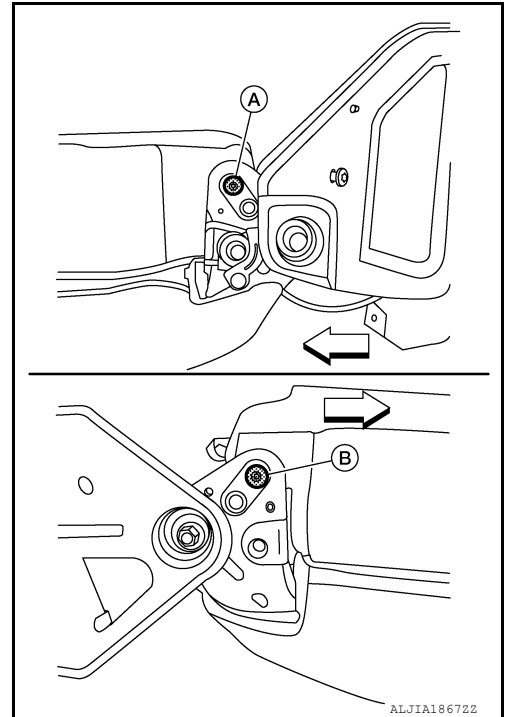


REAR SEAT

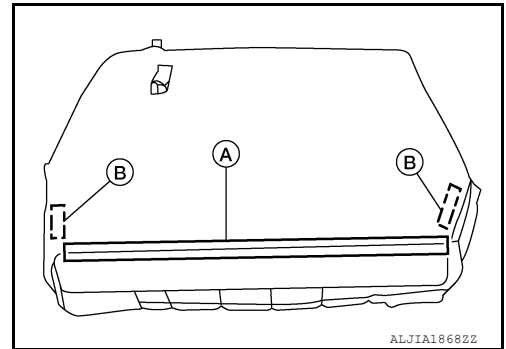
< UNIT DISASSEMBLY AND ASSEMBLY >

5. Remove bolts (A) and (B), then remove seatback assembly from seat cushion frame.

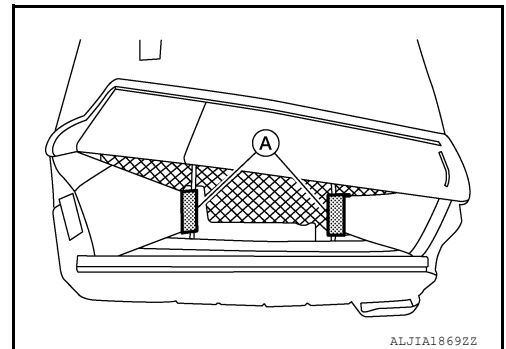
⇐ : Front



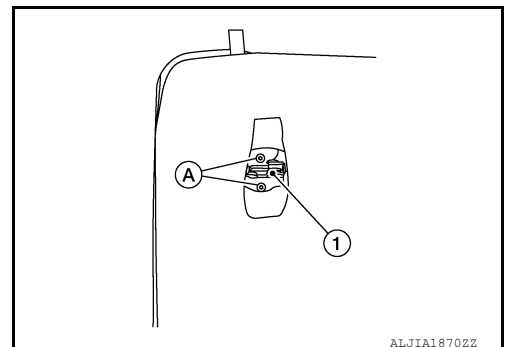
6. Release J-hook (A) and fasteners (B).



7. Position seatback trim aside, then release J-hooks (A).



8. Remove bolts (A) and seatback latch [1 (if necessary)].



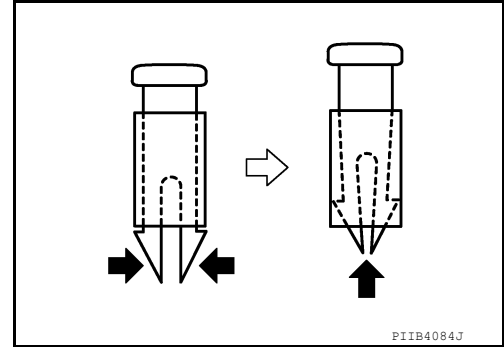
REAR SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >


9. Remove the headrest (LH).
10. Reach up behind the seatback pad, release the headrest holder locks as shown and remove the headrest holders.

CAUTION:

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

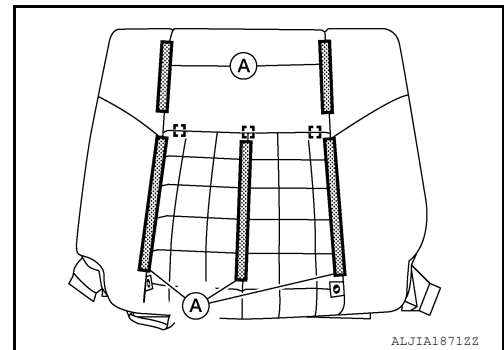


11. Remove seatback pad and seatback trim as an assembly from the seatback frame.
12. Release fasteners (A), then remove hog rings and separate the seatback pad from the seatback trim.

 : Hog ring

CAUTION:

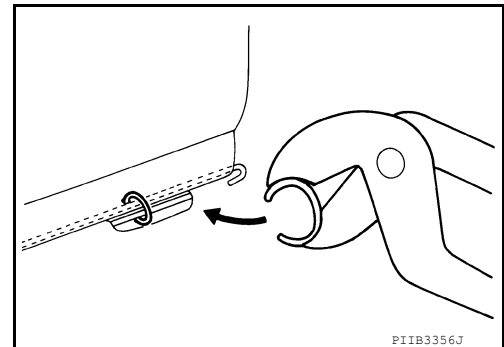
Remove all pieces of hog rings and discard them.



ASSEMBLY

Assembly is in the reverse order of disassembly.

- Install new hog rings on the seatback trim in original positions.
- Use only one hog ring in each designated location.
- Make sure hog rings are correctly fastened around both the seatback trim and seatback pad wires.
- Use NISSAN standard hog rings and tools to assemble.
- Make sure hook and loop fastener is pressed into place after seatback trim is assembled.
- Smooth out all wrinkles during assembly.




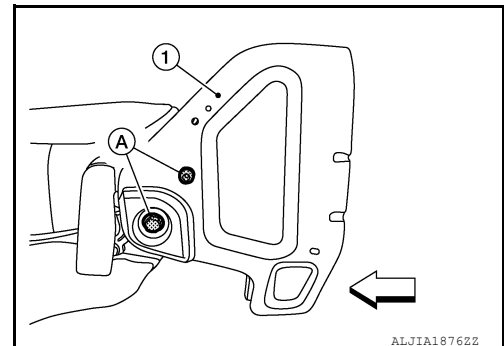
INFOID:000000014391866

LH SEAT : Seat Cushion

DISASSEMBLY

1. Remove LH rear seat. Refer to [SE-116, "LH SEAT : Removal and Installation"](#).
2. If necessary remove bolts (A) and seat support bracket [LH (1)].

 : Front

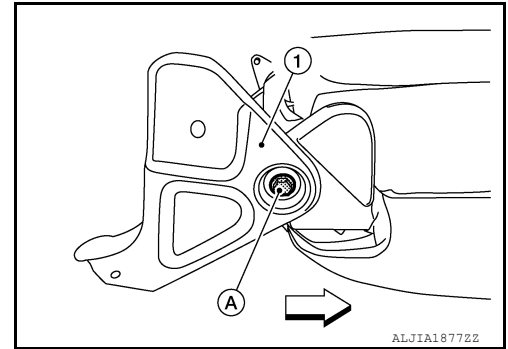


REAR SEAT

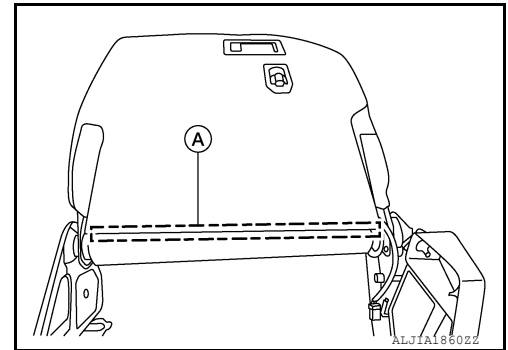
< UNIT DISASSEMBLY AND ASSEMBLY >

3. If necessary remove bolt (A) and seat support bracket [RH (1)].

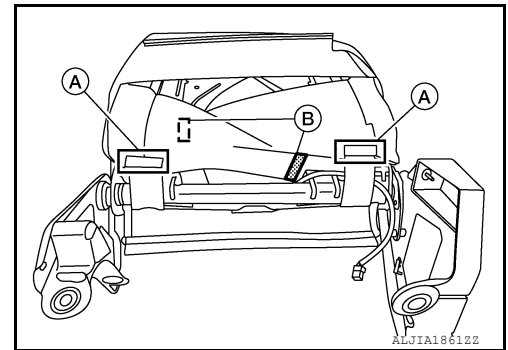
⇐ : Front



4. Release J-hook (A).



5. Release fasteners (A) and J-hooks (B).



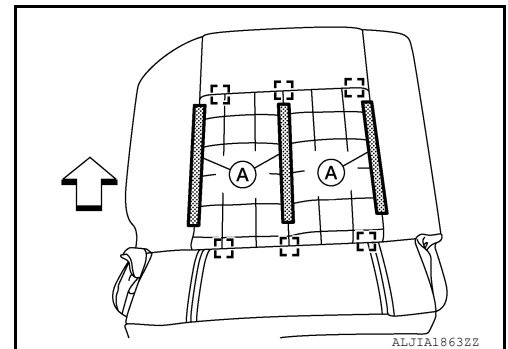
6. Remove screw and grocery bag hook.
7. Remove seat cushion trim and seat cushion pad as an assembly from seat cushion frame.
8. Remove hog rings and release fasteners (A), then separate the seat cushion trim from the seat cushion pad.

[] : Hog ring

⇐ : Front

CAUTION:

Remove all pieces of hog rings and discard them.



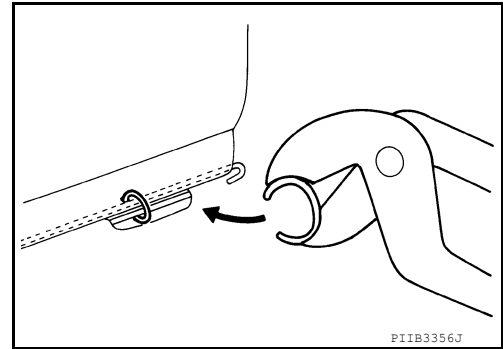
ASSEMBLY

Assembly is in the reverse order of disassembly.

REAR SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

- Install new hog rings on the seat cushion trim in original positions.
- Use only one hog ring in each designated location.
- Make sure hog rings are correctly fastened around both the seat cushion trim and seat cushion pad wires.
- Use NISSAN standard hog rings and tools to assemble.
- Make sure hook and loop fastener is pressed into place after seat cushion trim is assembled.
- Smooth out all wrinkles during assembly.



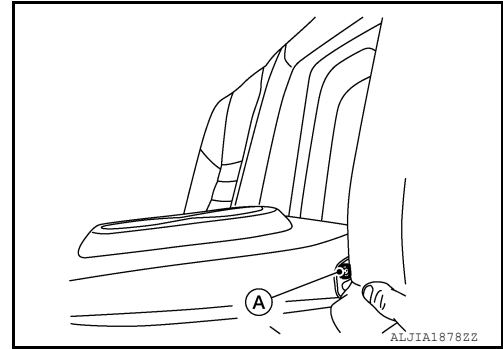
RH SEAT

RH SEAT : Seatback

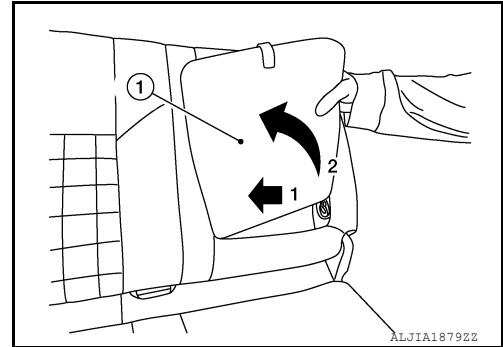
INFOID:0000000014391867

DISASSEMBLY

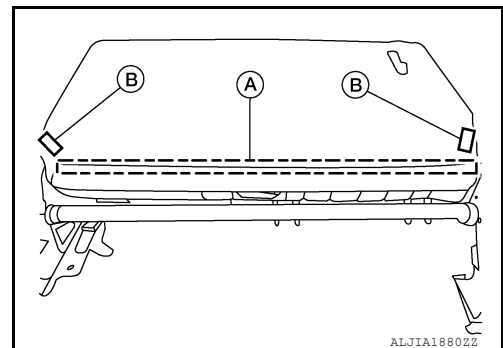
1. Remove RH rear seat. Refer to [SE-116, "RH SEAT : Removal and Installation"](#).
2. Remove armrest bolt (A).



3. Remove armrest (1) as shown.



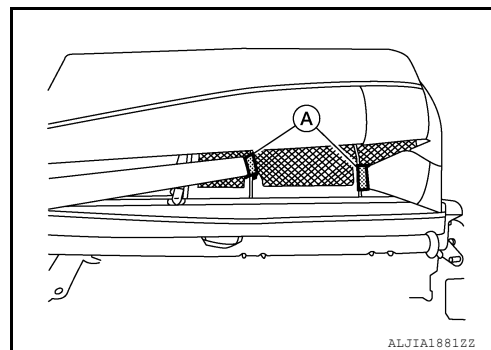
4. Release seatback J-hook (A) and fasteners (B).



REAR SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

5. Release J-hooks (A) from seatback frame.

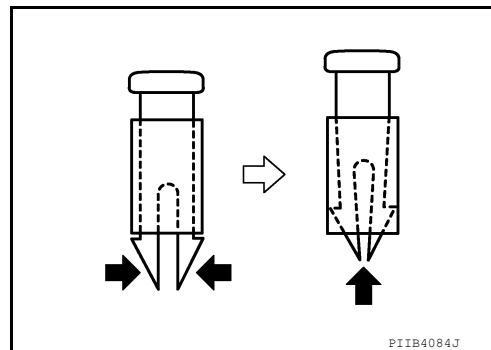


6. Remove headrest.

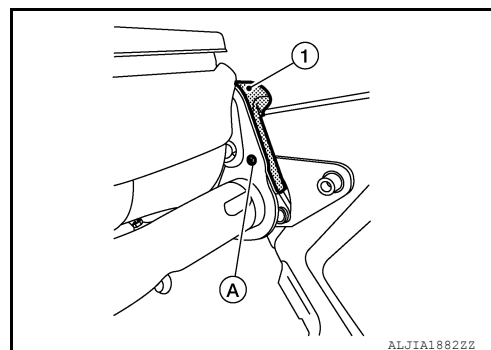
7. Reach up behind the seatback pad, release the headrest holders as shown and remove the headrest holders.

CAUTION:

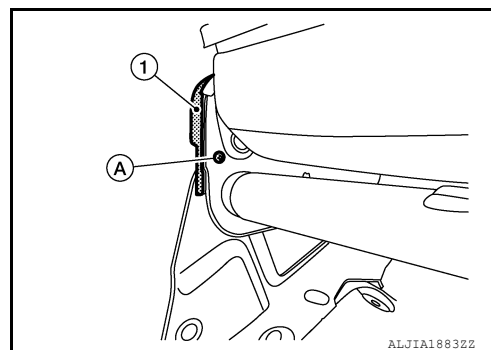
Before removing/installing headrest holder, check its orientation (front/rear and right/left).



8. Remove screw (A) and pivot finisher [RH (1)].



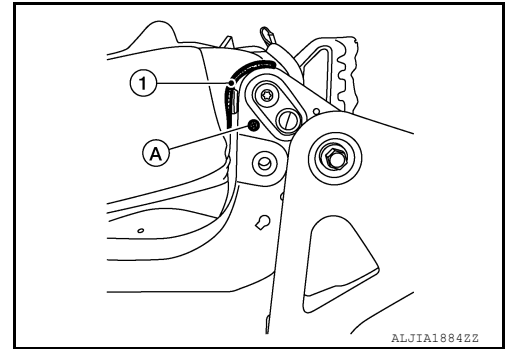
9. Remove screw (A), then release pawls and remove outer pivot finisher [LH (1)].



REAR SEAT

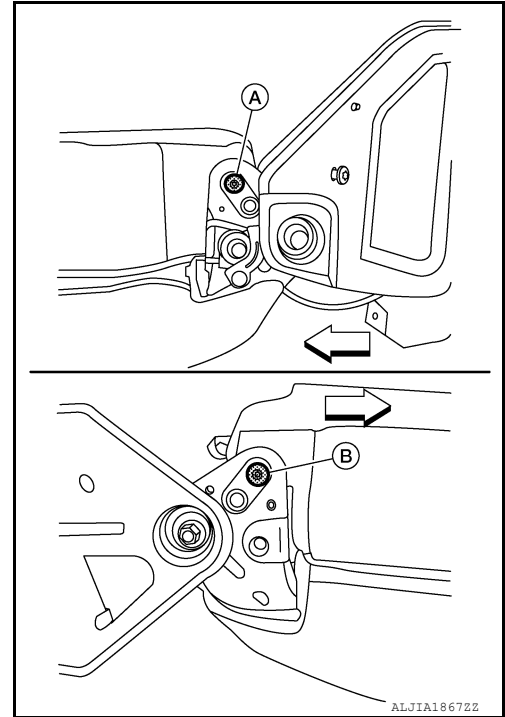
< UNIT DISASSEMBLY AND ASSEMBLY >

10. Remove screw (A) and seat inner pivot finisher [LH (1)].

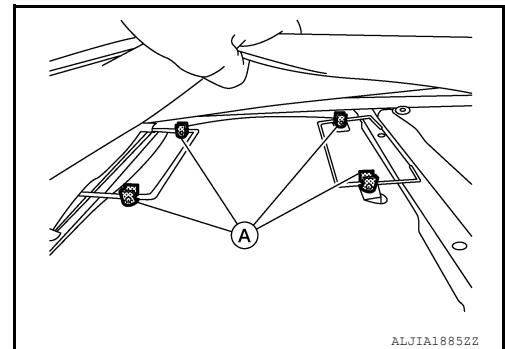


11. Remove bolts (A) and (B), then remove seatback assembly from seat cushion frame.

← : Front



12. Place seatback trim aside, then release clips (A) from seatback frame and remove armrest finisher.




13. Remove the seatback pad and seatback trim as an assembly from the seatback frame.

REAR SEAT

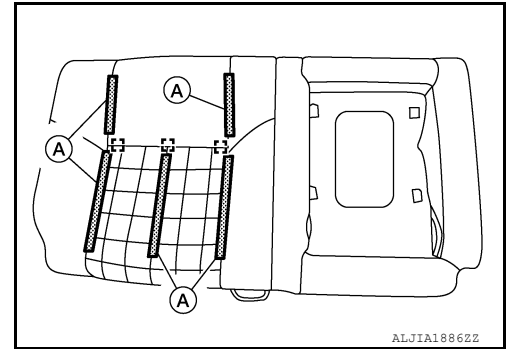
< UNIT DISASSEMBLY AND ASSEMBLY >

- Release fasteners (A), then remove hog rings and separate the seatback trim from the seatback pad.

 :Hog ring

CAUTION:

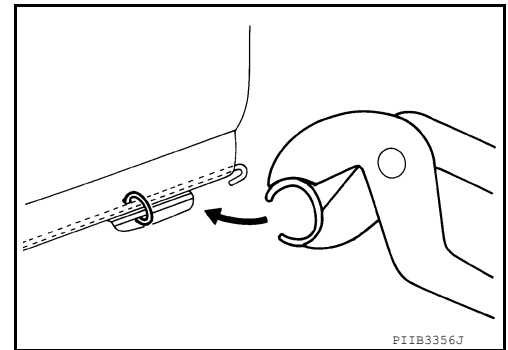
Remove all pieces of hog rings and discard them.



ASSEMBLY

Assembly is in the reverse order of disassembly.

- Install new hog rings on the seatback trim in original positions.
- Use only one hog ring in each designated location.
- Make sure hog rings are correctly fastened around both the seatback trim and seatback pad wires.
- Use NISSAN standard hog rings and tools to assemble.
- Make sure hook and loop fastener is pressed into place after seatback trim is assembled.
- Smooth out all wrinkles during assembly.

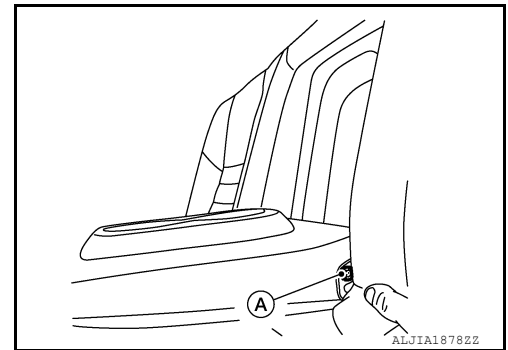


RH SEAT : Armrest Assembly

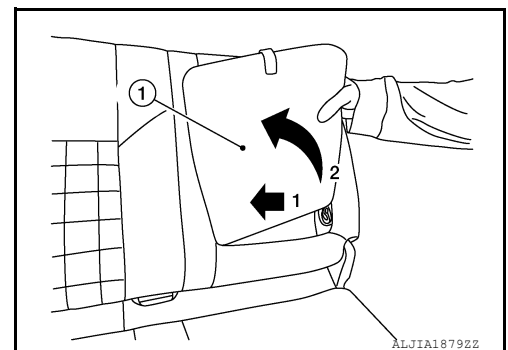
INFOID:000000014391868

DISASSEMBLY

- Remove armrest bolt (A).




- Remove armrest (1) as shown.

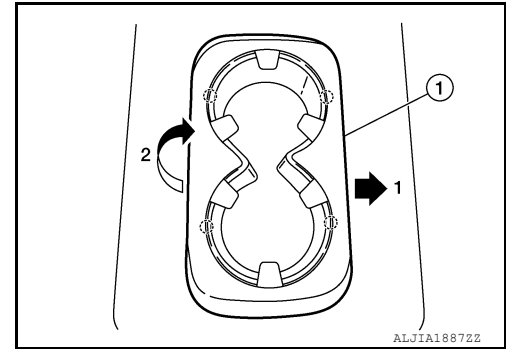


REAR SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

3. Release pawls and remove cup holder (1) as shown.

 : Pawl



ASSEMBLY

Assembly is in the reverse order of disassembly.


- Make sure fastener is pressed into place after armrest trim is assembled.
- Smooth out all wrinkles during assembly.

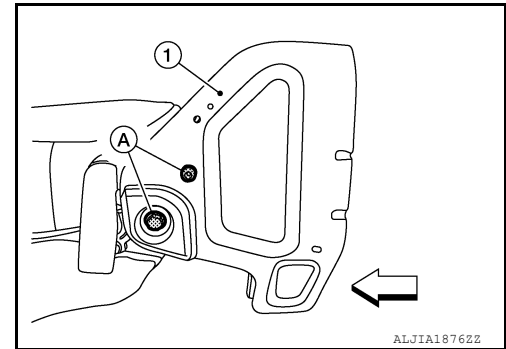
RH SEAT : Seat Cushion

INFOID:000000014391869


DISASSEMBLY

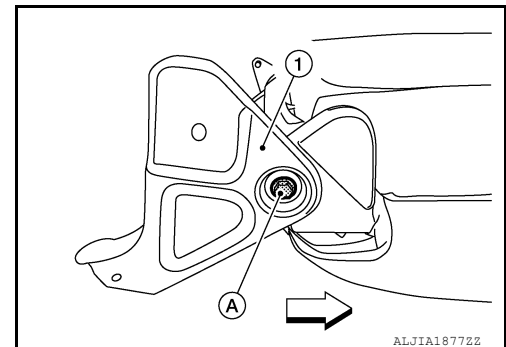
1. Remove RH rear seat. Refer to [SE-116. "RH SEAT : Removal and Installation"](#).
2. If necessary remove bolts (A) and seat support bracket [LH (1)].

 : Front

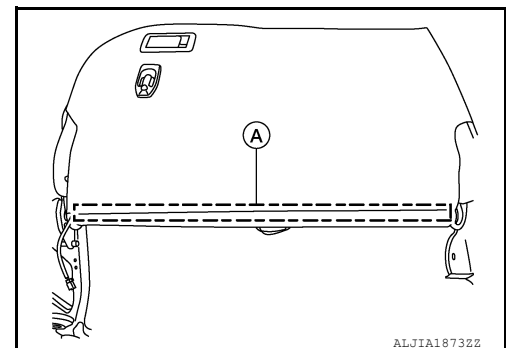


3. If necessary remove bolt (A) and seat support bracket [RH (1)].

 : Front



4. Release seat cushion J-hook (A).

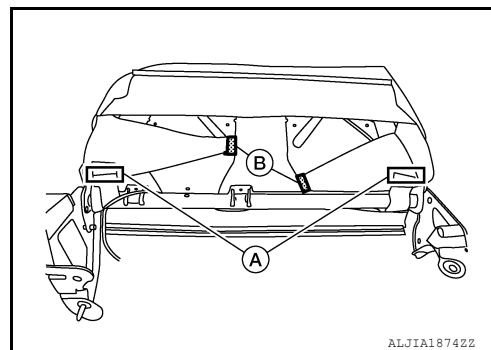


5. Remove screw and grocery bag hook.

REAR SEAT

< UNIT DISASSEMBLY AND ASSEMBLY >

6. Release seat cushion fasteners (A) and J-hooks (B).



7. Remove seat cushion trim and seat cushion pad as an assembly from the seat frame.

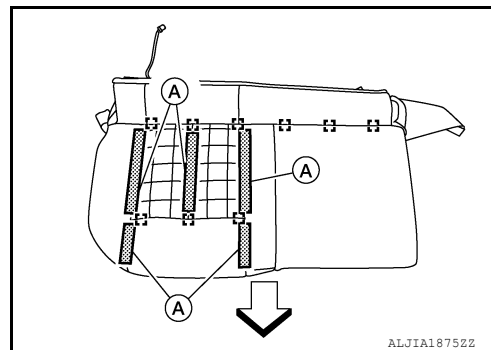
8. Remove hog rings, then release fasteners (A) and separate the seat cushion trim from the seat cushion pad.

□ : Hog ring

⇐ : Front

CAUTION:

Remove all pieces of hog rings and discard them.



ASSEMBLY

Assembly is in the reverse order of disassembly.

- Install new hog rings on the seat cushion trim in original positions.
- Use only one hog ring in each designated location.
- Make sure hog rings are correctly fastened around both the seat cushion trim and seat cushion pad wires.
- Use NISSAN standard hog rings and tools to assemble.
- Make sure hook and loop fastener is pressed into place after seat cushion trim is assembled.
- Smooth out all wrinkles during assembly.

