SECTION SE
SEAT

CONTENTS

PRECAUTION

PRECAUTIONS

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

INFOID:0000000008487545

The Supplemental Restraint System such as “AIR BAG” and “SEAT BELT PRE-TENSIONER”, used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. This system includes dual stage front air bag modules. The SRS system may only deploy one front air bag, depending on the severity of a collision and whether the front passenger seat is occupied. 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, all maintenance must be performed by an authorized NISSAN/INFINITI dealer.**
- **Improper maintenance, including incorrect removal and installation of the SRS, can lead to personal injury caused by unintentional activation of the system. For removal of Spiral Cable and Air Bag Module, see 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 Airbag Diagnosis Sensor Unit or other Airbag 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, and wait at least 3 minutes before performing any service.**

Precaution for Work

INFOID:0000000008266489

- 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 and wring the water out of the cloth to wipe the dirty area.
  Then rub with a soft and 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 and wring the water out of the cloth to wipe the detergent off. Then rub with a soft and dry cloth.

- Do not use organic solvent such as thinner, benzene, alcohol or gasoline.
- For genuine leather seats, use a genuine leather seat cleaner.

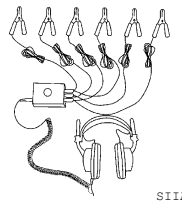
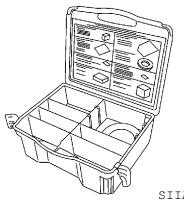
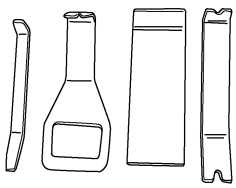
PREPARATION

PREPARATION

Special Service Tool

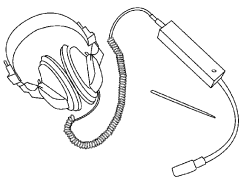
INFOID:0000000008266490

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

Tool number (Kent-Moore No.) Tool name	Description
— (J-39570) Chassis ear  SIIA0993E	Locating the noise
— (J-43980) NISSAN Squeak and Rattle Kit  SIIA0994E	Repairing the cause of noise
— (J-46534) Trim Tool Set  AWJIA0483ZZ	Removing trim components

Commercial Service Tool

INFOID:0000000008266491

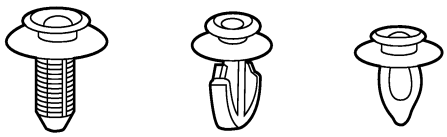
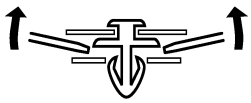
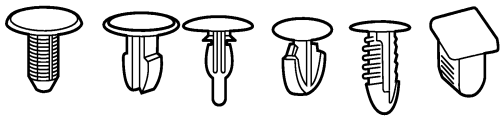
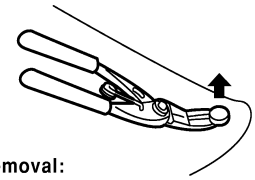
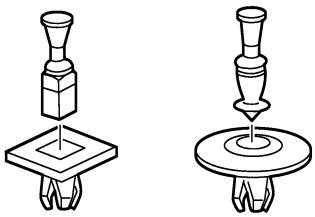
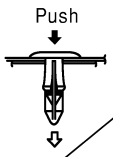
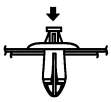
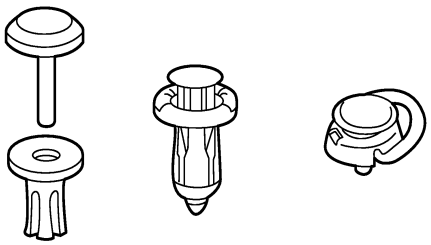
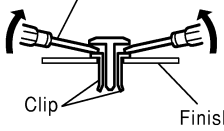
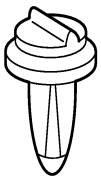
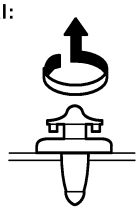
(Kent-Moore No.) Tool name	Description
(J-39565) Engine ear  SIIA0995E	Locating the noise

CLIP LIST

Descriptions for Clips

INFOID:0000000008266492

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  Push  **Installation:**
C205		**Removal:** Flat-bladed screwdriver  Clip Finisher
C206		**Removal:** 

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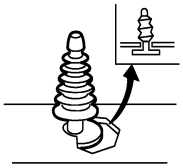
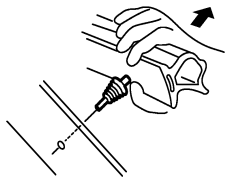
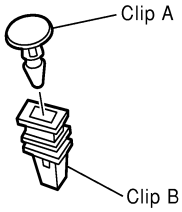
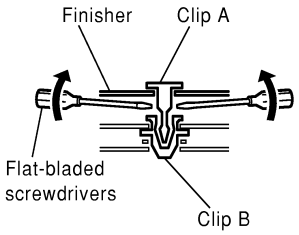
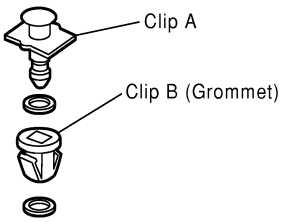
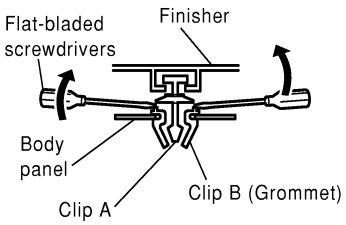
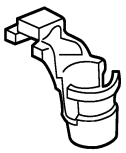
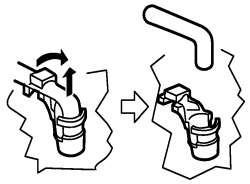
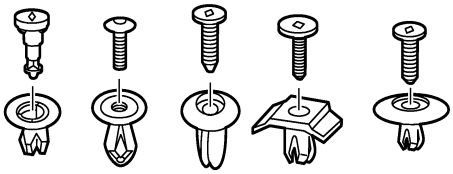
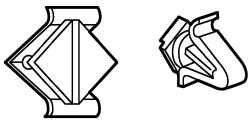
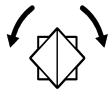
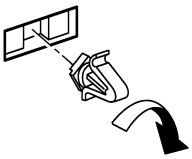
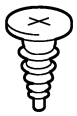
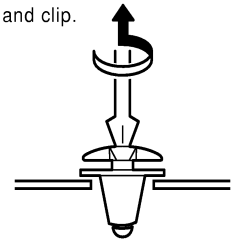
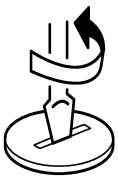
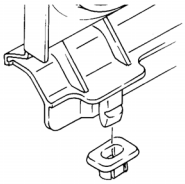
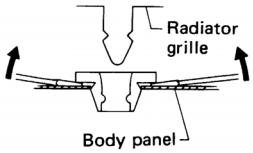
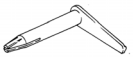
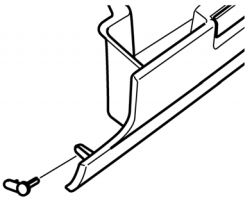
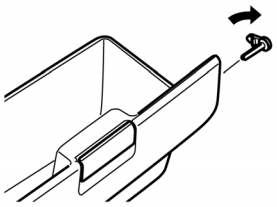
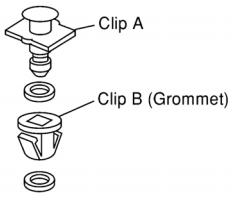
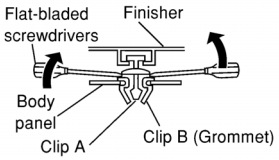
CLIP LIST

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. 

SIIA0316E

Symbol No.	Shapes	Removal & Installation
CG101 		**Removal:**  Rotate 45° to remove  **Removal:** **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 		

SIIA0317E

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

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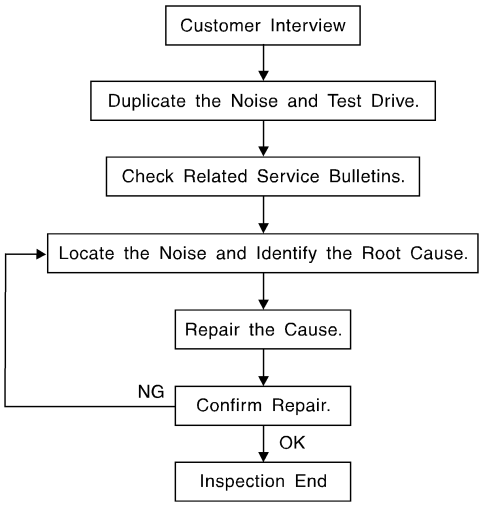
SYMPTOM DIAGNOSIS

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow

INFOID:0000000008266493



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-13, "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.
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-11, "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-43980) 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.
Always check with the Parts Department for the latest parts information.
The following materials are contained in the NISSAN Squeak and Rattle Kit (J-43980). Each item can be ordered separately as needed.
URETHANE PADS [1.5 mm (0.059 in) thick]
Insulates connectors, harness, etc.
76268-9E005: 100×135 mm (3.94×5.31 in)/76884-71L01: 60×85 mm (2.36×3.35 in)/76884-71L02: 15×25 mm (0.59×0.98 in)
INSULATOR (Foam blocks)
Insulates components from contact. Can be used to fill space behind a panel.
73982-9E000: 45 mm (1.77 in) thick, 50×50 mm (1.97×1.97 in)/73982-50Y00: 10 mm (0.39 in) thick, 50×50 mm (1.97×1.97 in)
INSULATOR (Light foam block)
80845-71L00: 30 mm (1.18 in) thick, 30×50 mm (1.18×1.97 in)
FELT CLOTH TAPE
Used to insulate where movement does not occur. Ideal for instrument panel applications.
68370-4B000: 15×25 mm (0.59×0.98 in) pad/68239-13E00: 5 mm (0.20 in) wide tape roll. The following materials not found in the kit can also be used to repair squeaks and rattles.

UHMW (TEFLON) TAPE
Insulates where slight movement is present. Ideal for instrument panel applications.
SILICONE GREASE
Used instead of UHMW tape that will be visible or not fit.
Note: 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:0000000008266494

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

INSTRUMENT PANEL

Most incidents are caused by contact and movement between:

1. The cluster lid A and instrument panel
2. Acrylic lens and combination meter housing
3. Instrument panel to front pillar garnish
4. Instrument panel to windshield
5. Instrument panel 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-43980) 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 headliner 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.
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.

Diagnostic Worksheet

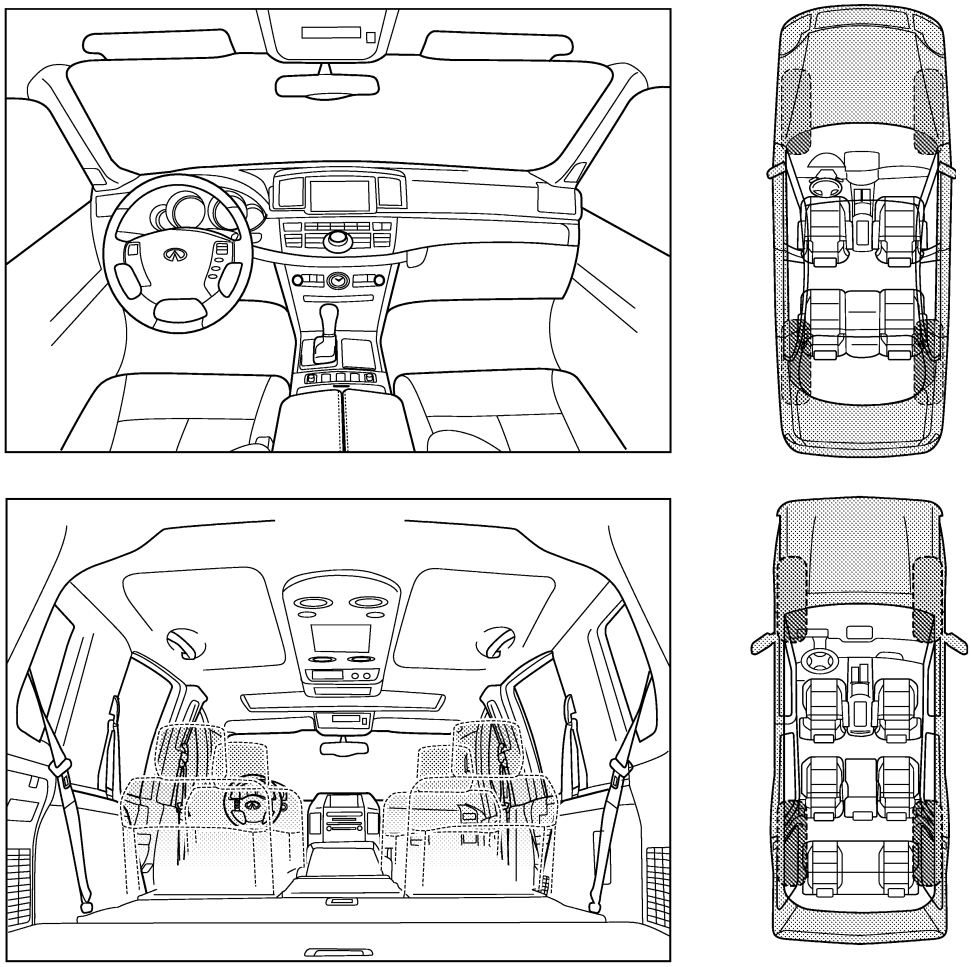
INFOID:0000000007913114

INFINITI.

SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

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

I. WHERE DOES THE NOISE COME FROM? (circle the area of the vehicle)
The illustrations are for reference only, and may not reflect the actual configuration of your vehicle.



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

PIIB8741E

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)

- ☐ anytime
- ☐ 1st time in the morning
- ☐ only when it is cold outside
- ☐ only when it is hot outside
- ☐ after sitting out in the rain
- ☐ when it is raining or wet
- ☐ dry or dusty conditions
- ☐ 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	☐	☐	_____
- Noise verified on test drive	☐	☐	_____
- Noise source located and repaired	☐	☐	_____
- Follow up test drive performed to confirm repair	☐	☐	_____

VIN: _____ Customer Name: _____

W.O.# _____ Date: _____

This form must be attached to Work Order

PIIB8742E

CLIMATE CONTROLLED SEAT SYSTEM

Symptom Table

INFOID:0000000008158712

Symptom		Inspection item
Climate controlled seat inoperative.		Power supply and ground circuit Refer to SE-52, "CLIMATE CONTROLLED SEAT CONTROL UNIT : Diagnosis Procedure".
Climate controlled seat blower motor inoperative.		Climate controlled seat blower motor Refer to SE-67, "Diagnosis Procedure".
Seat cushion thermal electric device inoperative.		Seat cushion thermal electric device Refer to SE-63, "Diagnosis Procedure".
Seatback thermal electric device inoperative.		Seatback thermal electric device Refer to SE-59, "Diagnosis Procedure".
Climate controlled seat switch LO, MED or HI inoperative.		Climate controlled seat switch Refer to SE-56, "Diagnosis Procedure".
Climate controlled seat switch indicator inoperative.		Climate controlled seat switch indicator Refer to SE-70, "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: • Connectors for physical damage or loose terminals. • Seat cushion thermal electric device. Refer to SE-63, "Diagnosis Procedure". • Seatback thermal electric device. Refer to SE-59, "Diagnosis Procedure". • Climate controlled seat blower motor. Refer to SE-67, "Diagnosis Procedure".
	Climate controlled seat switch indicator turns off 30 seconds or more after turning on.	Malfunction caused by mechanical issue. Check the following: • Foam seat pads not aligned for thermal electric device outlet. • Thermal electric device ducting restricted or disconnected. • Climate controlled seat blower motor inlet restricted.

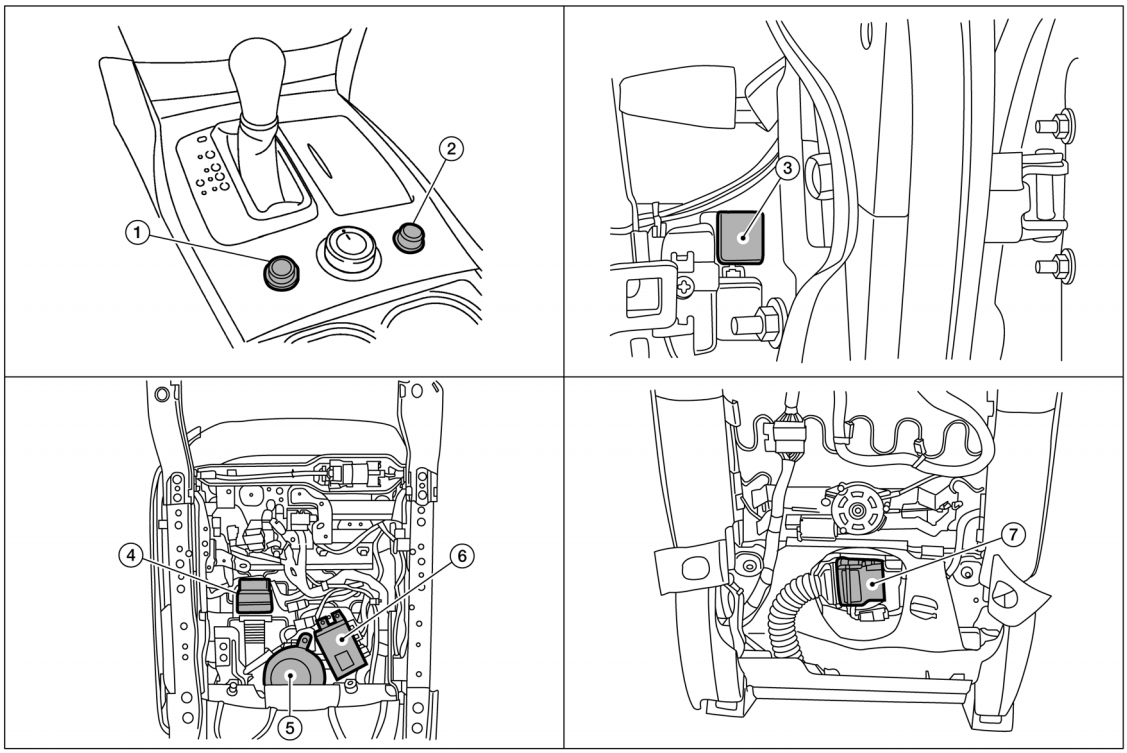
SYSTEM DESCRIPTION

COMPONENT PARTS

CLIMATE CONTROLLED SEAT SYSTEM

CLIMATE CONTROLLED SEAT SYSTEM : Component Parts Location

INFOID:0000000008146597



ALJIA0773ZZ

1. Climate controlled seat switch (driver seat)
2. Climate controlled seat switch (passenger seat)
3. Climate controlled seat relay (view with instrument panel RH removed)
4. Seat cushion thermal electric device
5. Climate controlled seat blower motor
6. Climate controlled seat control unit
7. Seat back thermal electric device

CLIMATE CONTROLLED SEAT SYSTEM : Component Description

INFOID:0000000008146598

Item	Function
Climate controlled seat relay	Supplies power to the climate controlled seat control unit in accordance with the key switch position that is ON or OFF
Climate controlled seat control unit	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
Climate controlled seat switch	Installed in the center console and transmits signals to climate controlled seat control unit in accordance with the HEAT (heated airflow) or COOL (cooled airflow) switch operation and the temperature switch operation
Climate controlled seat blower motor	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

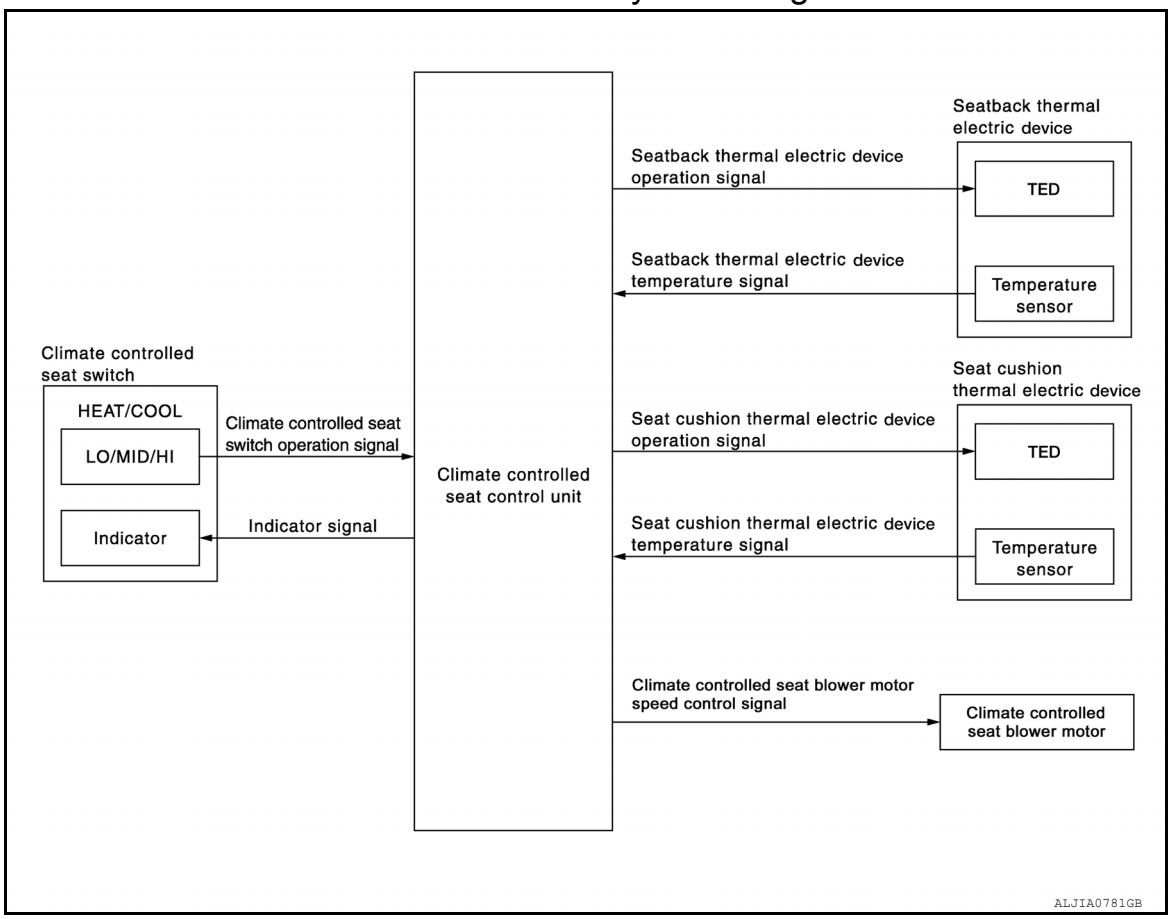
Item	Function
Seatback thermal electric device	Installed in the seatback and heats or cools the airflow from the climate controlled seat blower motor in accordance with the control from the climate controlled seat control unit
Seat cushion thermal electric device	Installed in the seat cushion and heats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

SYSTEM

CLIMATE CONTROLLED SEAT SYSTEM

CLIMATE CONTROLLED SEAT SYSTEM : System Diagram

INFOID:0000000008146599



CLIMATE CONTROLLED SEAT SYSTEM : System Description

INFOID:0000000008146600

- 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-20, "Fail-safe".

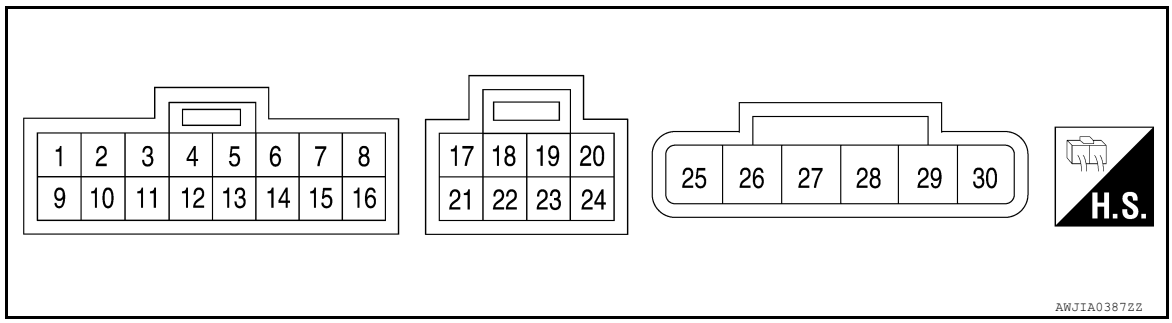
ECU DIAGNOSIS INFORMATION

CLIMATE CONTROLLED SEAT CONTROL UNIT

Reference Value

INFOID:0000000008146601

TERMINAL LAYOUT



PHYSICAL VALUES

Terminal	Wire color	Item	Signal Input/ Output	Condition			Voltage (Approx.)
1	LG	HEAT switch signal	Input	Ignition switch ON or START	Climate controlled seat switch select	HI HEAT	2.6V – 3.5V
						MED HEAT	1.6V – 2.5V
						LO HEAT	0.5V – 1.5V
						OFF	0V
4	P	Blower motor speed control signal	Input	Ignition switch ON or START	Climate controlled seat switch select	HEAT or COOL	4.5V – 8.0V
						OFF	0V
6	G	Blower motor ground	—	—			0V
7	R	Blower motor power supply	Input	Ignition switch ON or START			Battery voltage
9	W	COOL switch signal	Input	Ignition switch ON or START	Climate controlled seat switch select	HI COOL	2.6V – 3.5V
						MED COOL	1.6V – 2.5V
						LO COOL	0.5V – 1.5V
						OFF	0V
13	Y	Seat cushion thermal electric device sensor ground	—	Ignition switch ON			0V
14	BG	Seat cushion thermal electric device sensor signal	Input	Blower motor operated			0.5V – 4.0V
				Ignition switch OFF			0V
15	V	Seatback thermal electric device sensor ground	—	Ignition switch ON			0V
16	L	Seatback thermal electric device sensor signal	Input	Blower motor operated			0.5V – 4.0V
				Ignition switch OFF			0V
19	Y	HEAT switch indicator signal	Input	Ignition switch ON or START	Climate controlled seat switch select	HEAT	Battery voltage
						OFF	0V
20	V	COOL switch indicator signal	Input	Ignition switch ON or START	Climate controlled seat switch select	COOL	Battery voltage
						OFF	0V
21	R	Ignition switch power supply	Output	Ignition switch ON			Battery voltage
24	G	Climate controlled seat switch power supply	Input	Ignition switch ON			Battery voltage

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

Fail-safe

INFOID:0000000008146602

- Climate controlled seat control unit equips 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	• 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. **NOTE:** When the switch operation is performed before entering the system OFF condition, the fail-safe mode is reset.
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)	• 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.

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)	• 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	• 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	• 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. **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.
Switch input out of the specified range	• 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	• 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	• System voltage* of the climate controlled seat control unit is out of the operation range (8.5 V – 16.5 V).

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

NOTE:

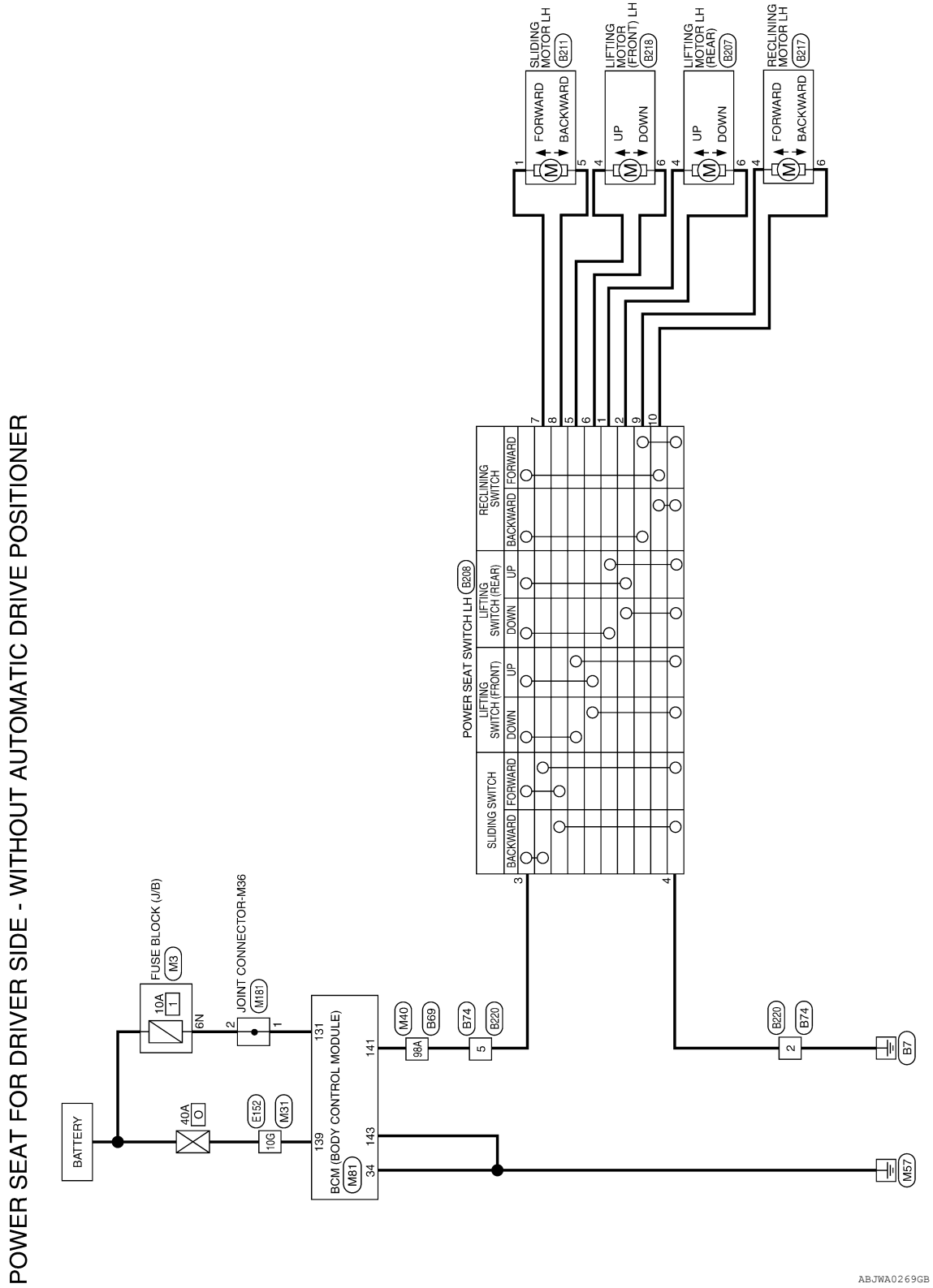
When the system enters in the fail-safe mode again after performing resetting procedure, perform diagnosis.

WIRING DIAGRAM

POWER SEAT FOR DRIVER SIDE WITHOUT AUTOMATIC DRIVE POSITIONER

Wiring Diagram

INFOID:0000000008146625



POWER SEAT FOR DRIVE SIDE CONNECTORS - WITHOUT AUTOMATIC DRIVE POSITIONER

Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Color	WHITE

H.S.

3N		2N	1N
8N	7N	6N	5N	4N

Terminal No.	Color of Wire	Signal Name
6N	W	–

Connector No.	M31
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

1G	2G	3G	4G	5G
6G	7G	8G	9G	10G

11G	12G	13G	14G	15G	16G	17G	18G	19G	20G	21G
22G	23G	24G	25G	26G	27G	28G	29G	30G		

31G	32G	33G	34G	35G	36G	37G	38G	39G	40G	41G
42G	43G	44G	45G	46G	47G	48G	49G	50G		

51G	52G	53G	54G	55G	56G	57G	58G	59G	60G	61G
62G	63G	64G	65G	66G	67G	68G	69G	70G		

71G	72G	73G	74G	75G	76G	77G	78G	79G	80G	81G
82G	83G	84G	85G	86G	87G	88G	89G	90G		

91G	92G	93G	94G	95G
96G	97G	98G	99G	100G

Terminal No.	Color of Wire	Signal Name
10G	W	–

Connector No.	M40
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

1A	2A	3A	4A	5A
6A	7A	8A	9A	10A

11A	12A	13A	14A	15A	16A	17A	18A	19A	20A	21A
22A	23A	24A	25A	26A	27A	28A	29A	30A		

31A	32A	33A	34A	35A	36A	37A	38A	39A	40A	41A
42A	43A	44A	45A	46A	47A	48A	49A	50A		

51A	52A	53A	54A	55A	56A	57A	58A	59A	60A	61A
62A	63A	64A	65A	66A	67A	68A	69A	70A		

71A	72A	73A	74A	75A	76A	77A	78A	79A	80A	81A
82A	83A	84A	85A	86A	87A	88A	89A	90A		

91A	92A	93A	94A	95A
96A	97A	98A	99A	100A

Terminal No.	Color of Wire	Signal Name
98A	Y	- (WITHOUT AUTOMATIC DRIVE POSITIONER)

Connector No.	M81
Connector Name	BCM (BODY CONTOL MODULE)
Connector Color	WHITE

H.S.

137	136	135	134	133	132	131	130	129
143	142	141	140	139	138			

Terminal No.	Color of Wire	Signal Name
131	W	–
134	B	–
139	W	–
141	Y	–
143	B	–

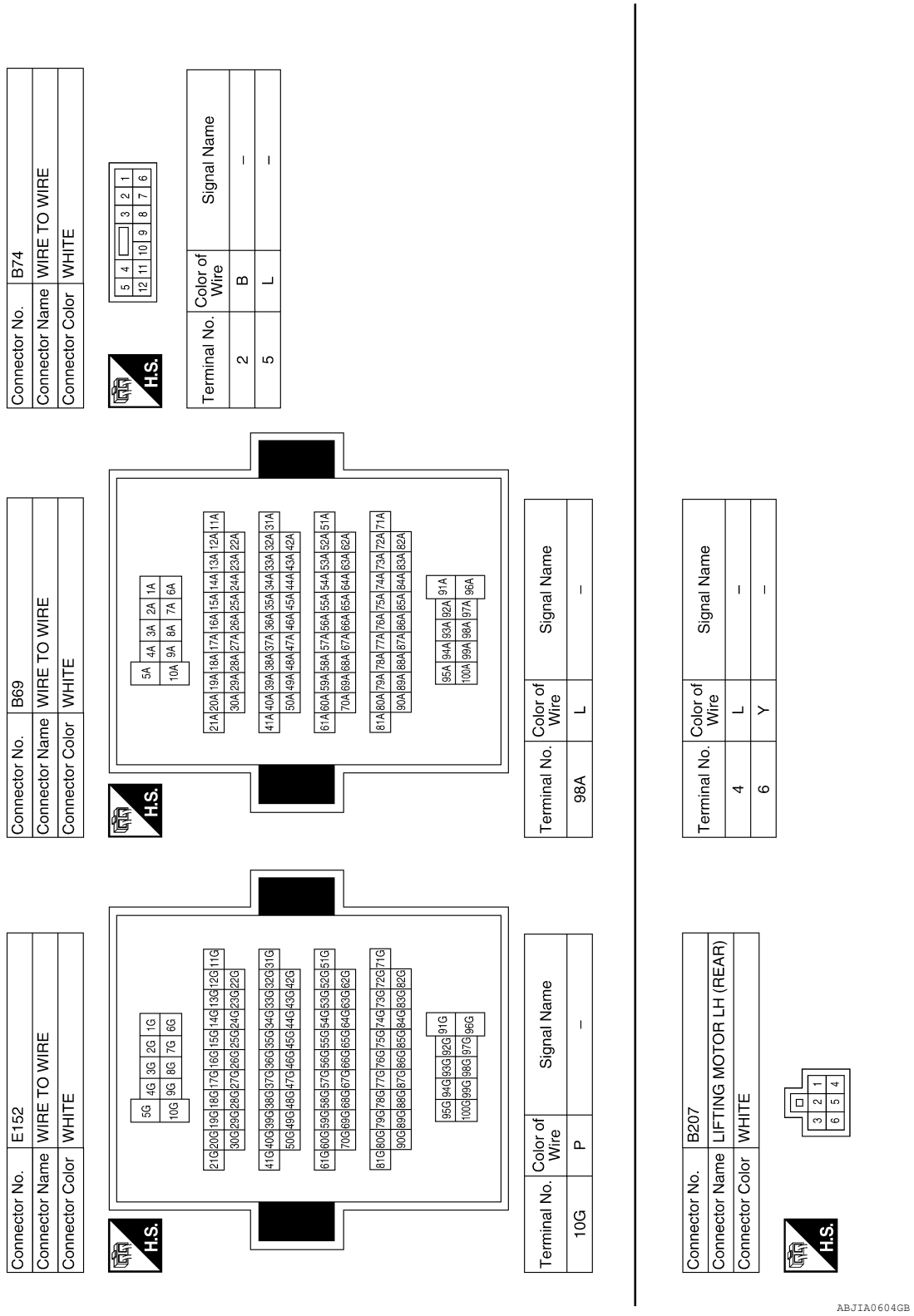
Connector No.	M181
Connector Name	JOINT CONNECTOR-M36
Connector Color	WHITE

H.S.

D	4	3	2	1	D

Terminal No.	Color of Wire	Signal Name
1	W	–
2	W	–

ABJIA0603GB


Connector No. E152
Connector Name WIRE TO WIRE
Connector Color WHITE
H.S.
5G 4G 3G 2G 1G
10G 9G 8G 7G 6G
21G 20G 19G 18G 17G 16G 15G 14G 13G 12G 11G
30G 29G 28G 27G 26G 25G 24G 23G 22G
41G 40G 39G 38G 37G 36G 35G 34G 33G 32G 31G
50G 49G 48G 47G 46G 45G 44G 43G 42G
61G 60G 59G 58G 57G 56G 55G 54G 53G 52G 51G
70G 69G 68G 67G 66G 65G 64G 63G 62G
81G 80G 79G 78G 77G 76G 75G 74G 73G 72G 71G
90G 89G 88G 87G 86G 85G 84G 83G 82G
95G 94G 93G 92G 91G
100G 99G 98G 97G 96G
Terminal No. Color of Wire Signal Name
10G P –
Connector No. B69
Connector Name WIRE TO WIRE
Connector Color WHITE
H.S.
5A 4A 3A 2A 1A
10A 9A 8A 7A 6A
21A 20A 19A 18A 17A 16A 15A 14A 13A 12A 11A
30A 29A 28A 27A 26A 25A 24A 23A 22A
41A 40A 39A 38A 37A 36A 35A 34A 33A 32A 31A
50A 49A 48A 47A 46A 45A 44A 43A 42A
61A 60A 59A 58A 57A 56A 55A 54A 53A 52A 51A
70A 69A 68A 67A 66A 65A 64A 63A 62A
81A 80A 79A 78A 77A 76A 75A 74A 73A 72A 71A
90A 89A 88A 87A 86A 85A 84A 83A 82A
95A 94A 93A 92A 91A
100A 99A 98A 97A 96A
Terminal No. Color of Wire Signal Name
98A L –
Connector No. B74
Connector Name WIRE TO WIRE
Connector Color WHITE
H.S.
5 4 3 2 1
12 11 10 9 8 7 6
Terminal No. Color of Wire Signal Name
2 B –
5 L –
Connector No. B207
Connector Name LIFTING MOTOR LH (REAR)
Connector Color WHITE
H.S.
3 2 1
6 5 4
Terminal No. Color of Wire Signal Name
4 L –
6 Y –
ABJIA0604GB

Connector No.	B208
Connector Name	POWER SEAT SWITCH LH
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
1	V	–
2	R	–

Connector No.	B211
Connector Name	SLIDING MOTOR LH
Connector Color	GRAY

H.S.

Terminal No.	Color of Wire	Signal Name
1	W	–
5	G	–

Terminal No.	Color of Wire	Signal Name
3	B	–
4	–	–
5	G	–
6	Y	–
7	L	–
8	SB	–
9	P	–
10	BG	–

Connector No.	B217
Connector Name	RECLINING MOTOR LH
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
4	BG	–
6	V	–

Connector No.	B218
Connector Name	LIFTING MOTOR LH (FRONT)
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
4	GR	–
6	SB	–

Connector No.	B220
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
2	B	–
5	R	–

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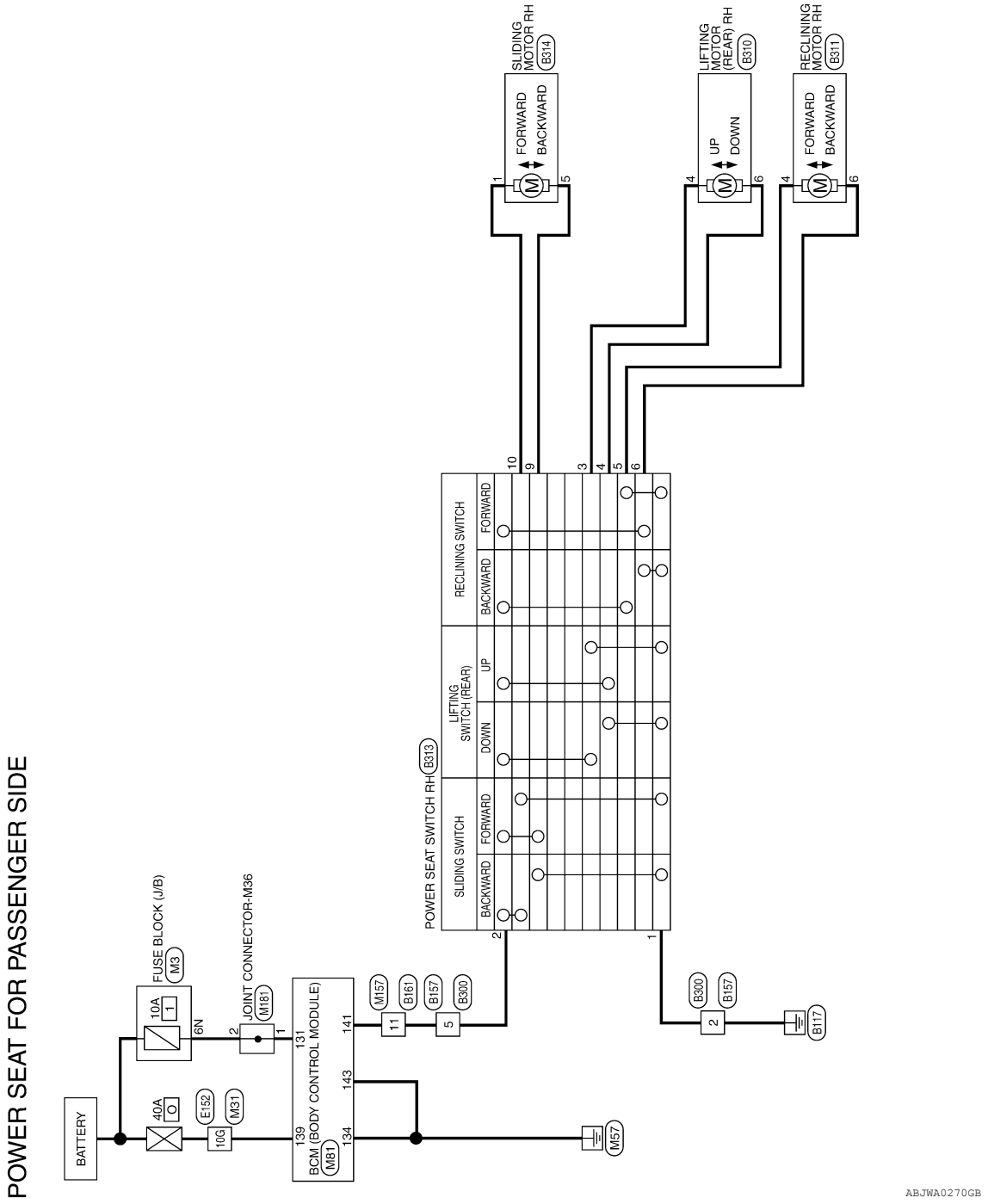
POWER SEAT FOR PASSENGER SIDE

Wiring Diagram

INFOID:0000000007913073



POWER SEAT FOR PASSENGER SIDE CONNECTORS

Connector No.	M3
Connector Name	FUSE BLOCK (J/B)
Connector Color	WHITE

H.S.

3N		2N	1N
8N	7N	6N	5N	4N

Terminal No.	Color of Wire	Signal Name
6N	W	–

Connector No.	M31
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

1G	2G	3G	4G	5G
6G	7G	8G	9G	10G

11G	12G	13G	14G	15G	16G	17G	18G	19G	20G	21G
22G	23G	24G	25G	26G	27G	28G	29G	30G		

31G	32G	33G	34G	35G	36G	37G	38G	39G	40G	41G
42G	43G	44G	45G	46G	47G	48G	49G	50G		

51G	52G	53G	54G	55G	56G	57G	58G	59G	60G	61G
62G	63G	64G	65G	66G	67G	68G	69G	70G		

71G	72G	73G	74G	75G	76G	77G	78G	79G	80G	81G
82G	83G	84G	85G	86G	87G	88G	89G	90G		

91G	92G	93G	94G	95G
96G	97G	98G	99G	100G

Terminal No.	Color of Wire	Signal Name
10G	W	–

Connector No.	M81
Connector Name	BCM (BODY CONTOL MODULE)
Connector Color	WHITE

H.S.

137	136	135	134	133	132	131	130	129
143	142	141	140	139	138			

Terminal No.	Color of Wire	Signal Name
131	W	–
134	B	–
139	W	–
141	Y	–
143	B	–

Connector No.	M157
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
11	Y	–

Connector No.	M181
Connector Name	JOINT CONNECTOR-M36
Connector Color	WHITE

H.S.

	4	3	2	1	

Terminal No.	Color of Wire	Signal Name
1	W	–
2	W	–

ABJIA0605GB

Connector No.	E152
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

5G	4G	3G	2G	1G
10G	9G	8G	7G	6G

21G	20G	19G	18G	17G	16G	15G	14G	13G	12G	11G
30G	29G	28G	27G	26G	25G	24G	23G	22G		

41G	40G	39G	38G	37G	36G	35G	34G	33G	32G	31G
50G	49G	48G	47G	46G	45G	44G	43G	42G		

61G	60G	59G	58G	57G	56G	55G	54G	53G	52G	51G
70G	69G	68G	67G	66G	65G	64G	63G	62G		

81G	80G	79G	78G	77G	76G	75G	74G	73G	72G	71G
90G	89G	88G	87G	86G	85G	84G	83G	82G		

95G	94G	93G	92G	91G
100G	99G	98G	97G	96G

Terminal No.	Color of Wire	Signal Name
10G	P	–

Connector No.	B157
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
2	B	–
5	LG	–

Connector No.	B161
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
11	LG	–

Connector No.	B300
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
2	B	–
5	R	–

Connector No.	B310
Connector Name	LIFTING MOTOR RH (REAR)
Connector Color	WHITE

H.S.

		3	2	1
		6	5	4

Terminal No.	Color of Wire	Signal Name
4	R	–
6	V	–

ABJIA0606GB

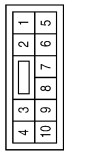
Connector No.	B311
Connector Name	RECLINING MOTOR RH
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
4	BG	–
6	P	–

Connector No.	B313
Connector Name	POWER SEAT SWITCH RH
Connector Color	WHITE

H.S.

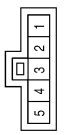


Terminal No.	Color of Wire	Signal Name
1	B	–
2	R	–
3	R	–
4	V	–

Terminal No.	Color of Wire	Signal Name
5	BG	–
6	P	–
7	–	–
8	–	–
9	L	–
10	SB	–

Connector No.	B314
Connector Name	SLIDING MOTOR RH
Connector Color	WHITE

H.S.



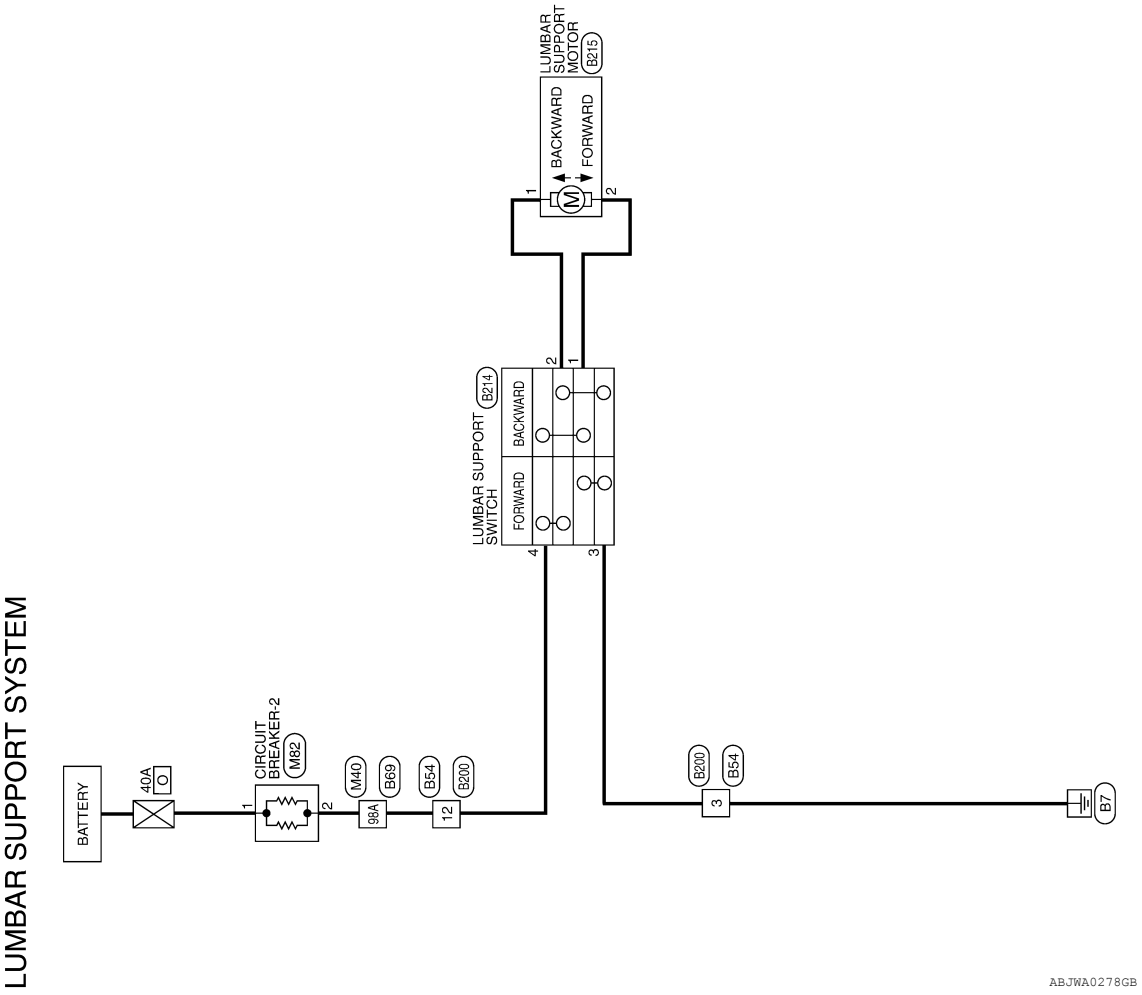
Terminal No.	Color of Wire	Signal Name
1	SB	–
5	L	–

AAJIA0124GB

LUMBAR SUPPORT SYSTEM

Wiring Diagram

INFOID:0000000007913074



LUMBAR SUPPORT SYSTEM CONNECTORS

Connector No.	M40
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

1A	2A	3A	4A	5A
6A	7A	8A	9A	10A

11A	12A	13A	14A	15A	16A	17A	18A	19A	20A	21A
	22A	23A	24A	25A	26A	27A	28A	29A	30A	

31A	32A	33A	34A	35A	36A	37A	38A	39A	40A	41A
	42A	43A	44A	45A	46A	47A	48A	49A	50A	

51A	52A	53A	54A	55A	56A	57A	58A	59A	60A	61A
	62A	63A	64A	65A	66A	67A	68A	69A	70A	

71A	72A	73A	74A	75A	76A	77A	78A	79A	80A	81A
	82A	83A	84A	85A	86A	87A	88A	89A	90A	

91A	92A	93A	94A	95A
	96A	97A	98A	99A	100A

Terminal No.	Color of Wire	Signal Name
98A	L	–

Connector No.	M82
Connector Name	CIRCUIT BREAKER-2
Connector Color	WHITE

H.S.

1	2

Terminal No.	Color of Wire	Signal Name
1	W	–
2	L	–

Connector No.	B54
Connector Name	WIRE TO WIRE
Connector Color	BROWN

H.S.

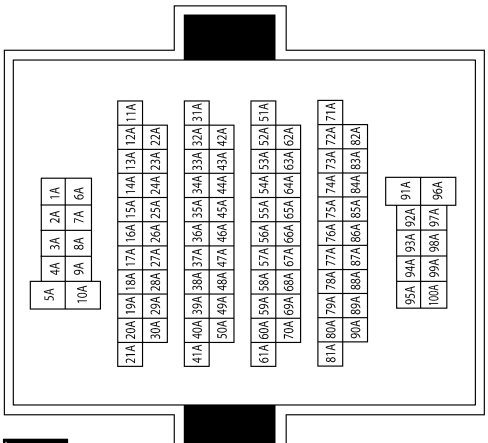
5	4	3	2	1
12	11	10	9	8	7	6

Terminal No.	Color of Wire	Signal Name
3	GR	–
12	L	–

ABJIA0624GB

Connector No.	B69
Connector Name	WIRE TO WIRE
Connector Color	WHITE

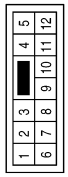
H.S.



Terminal No.	Color of Wire	Signal Name
98A	L	–

Connector No.	B54
Connector Name	WIRE TO WIRE
Connector Color	BROWN

H.S.



Terminal No.	Color of Wire	Signal Name
3	B	–
12	R	–

Connector No.	B214
Connector Name	LUMBAR SUPPORT SWITCH
Connector Color	BROWN

H.S.

Terminal No.	Color of Wire	Signal Name
1	G	–
2	Y	–
3	B	–
4	R	–

Connector No.	B215
Connector Name	LUMBAR SUPPORT MOTOR
Connector Color	BLACK

H.S.

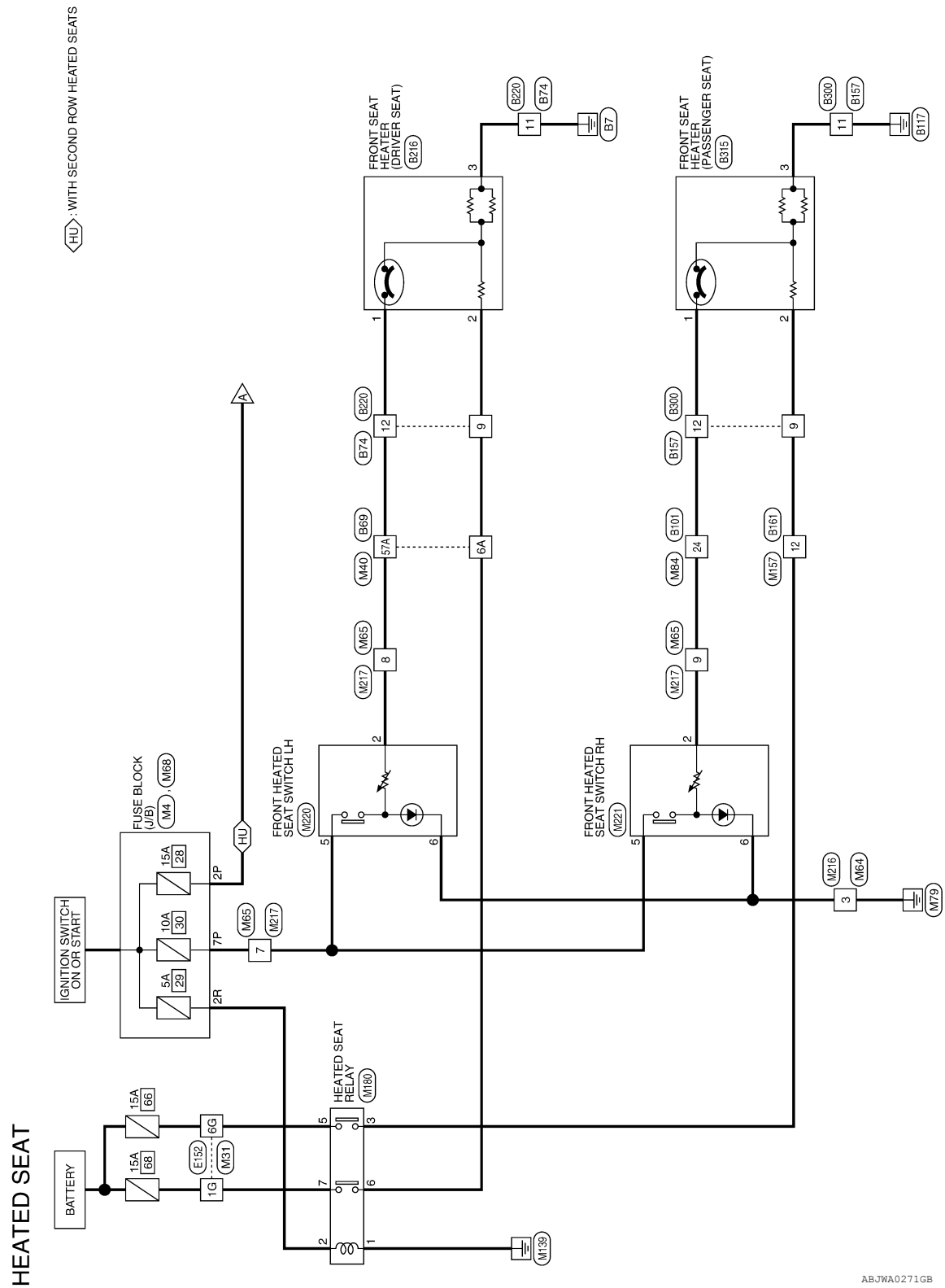
Terminal No.	Color of Wire	Signal Name
1	Y	–
2	G	–

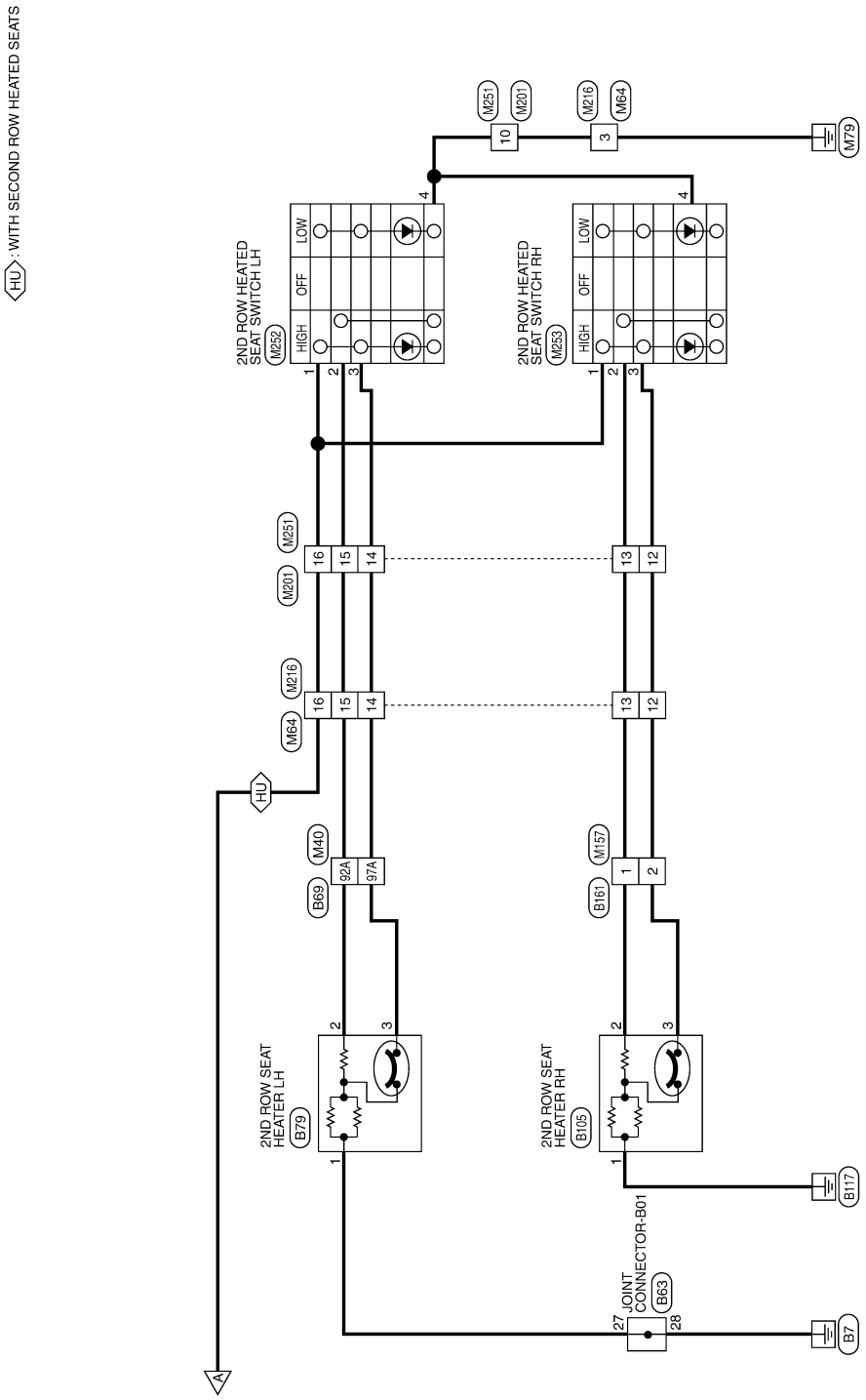
ABJIA0628GB

HEATED SEAT SYSTEM

Wiring Diagram

INFOID:0000000007913077




HU : WITH SECOND ROW HEATED SEATS
2ND ROW HEATED SEAT SWITCH LH
M252
2ND ROW HEATED SEAT SWITCH RH
M253
HIGH
OFF
LOW
M251
M201
M216
M64
M79
M40
B69
M157
B161
2ND ROW SEAT HEATER LH
B79
2ND ROW SEAT HEATER RH
B105
B117
JOINT CONNECTOR-B01
B63
B7
HU
A
ABJWA0272GB

HEATED SEAT CONNECTORS

Connector No.	M4
Connector Name	FUSE BLOCK (J/B)
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
2P	LG	–
7P	LG	–

Connector No.	M31
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

1G	2G	3G	4G	5G
6G	7G	8G	9G	10G

11G	12G	13G	14G	15G	16G	17G	18G	19G	20G	21G
22G	23G	24G	25G	26G	27G	28G	29G	30G		

31G	32G	33G	34G	35G	36G	37G	38G	39G	40G	41G
42G	43G	44G	45G	46G	47G	48G	49G	50G		

51G	52G	53G	54G	55G	56G	57G	58G	59G	60G	61G
62G	63G	64G	65G	66G	67G	68G	69G	70G		

71G	72G	73G	74G	75G	76G	77G	78G	79G	80G	81G
82G	83G	84G	85G	86G	87G	88G	89G	90G		

91G	92G	93G	94G	95G
96G	97G	98G	99G	100G

Terminal No.	Color of Wire	Signal Name
1G	SB	- (WITHOUT CLIMATE CONTROLLED SEAT)
6G	SB	- (WITHOUT CLIMATE CONTROLLED SEAT)

Connector No.	M40
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

1A	2A	3A	4A	5A
6A	7A	8A	9A	10A

11A	12A	13A	14A	15A	16A	17A	18A	19A	20A	21A
22A	23A	24A	25A	26A	27A	28A	29A	30A		

31A	32A	33A	34A	35A	36A	37A	38A	39A	40A	41A
42A	43A	44A	45A	46A	47A	48A	49A	50A		

51A	52A	53A	54A	55A	56A	57A	58A	59A	60A	61A
62A	63A	64A	65A	66A	67A	68A	69A	70A		

71A	72A	73A	74A	75A	76A	77A	78A	79A	80A	81A
82A	83A	84A	85A	86A	87A	88A	89A	90A		

91A	92A	93A	94A	95A
96A	97A	98A	99A	100A

Terminal No.	Color of Wire	Signal Name
6A	G	–
57A	L	- (WITHOUT CLIMATE CONTROLLED SEAT)
92A	L	–
97A	SB	–

Connector No.	M64
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
3	B	–
12	BR	–
13	Y	–
14	SB	–
15	L	–
16	LG	–

ABJIA0607GB

Connector No.	M65
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
7	LG	- (WITHOUT CLIMATE CONTROLLED SEAT)
8	L	–
9	V	- (WITHOUT CLIMATE CONTROLLED SEAT)

Connector No.	M68
Connector Name	FUSE BLOCK (J/B)
Connector Color	BROWN

H.S.

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

Terminal No.	Color of Wire	Signal Name
2R	LG	–

Connector No.	M84
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
24	V	- (WITHOUT CLIMATE CONTROLLED SEAT)

Connector No.	M157
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
1	Y	- (WITHOUT CLIMATE CONTROLLED SEAT)
2	BR	–
12	LG	–

Connector No.	M180
Connector Name	HEATED SEAT RELAY
Connector Color	BROWN

H.S.

2	1
7	5
6	3

Terminal No.	Color of Wire	Signal Name
1	GR	–
2	LG	–
3	LG	–
5	SB	–
6	L	–
7	SB	–

Connector No.	M201
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
10	B	–
12	BR	–
13	LG	–
14	L	–
15	LG	–
16	Y	–

ABJIA0608GB

Connector No.	M216
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
3	B	–
12	BR	–
13	LG	–
14	L	–
15	LG	–
16	Y	–

Connector No.	M217
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
7	W	- (WITHOUT CLIMATE CONTROLLED SEAT)
8	L	–
9	LG	- (WITHOUT CLIMATE CONTROLLED SEAT)

Connector No.	M220
Connector Name	FRONT HEATED SEAT SWITCH LH
Connector Color	WHITE

H.S.

6		5
4	3	2	1

Terminal No.	Color of Wire	Signal Name
2	L	IN1
5	W	IGN
6	B	GND

Connector No.	M221
Connector Name	FRONT HEATED SEAT SWITCH RH
Connector Color	BROWN

H.S.

6		5
4	3	2	1

Terminal No.	Color of Wire	Signal Name
2	LG	IN1
5	W	IGN
6	B	GND

Connector No.	M251
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
10	B	–
12	P	–
13	BR	–
14	SB	–
15	LG	–
16	Y	–

Connector No.	M252
Connector Name	2ND ROW HEATED SEAT SWITCH LH
Connector Color	WHITE

H.S.

5		6
4	2	1	3

Terminal No.	Color of Wire	Signal Name
1	Y	–
2	LG	–
3	SB	–
4	B	–

ABJIA0609GB

ABJIA0610GB

Connector No.	B69
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

5A	4A	3A	2A	1A
10A	9A	8A	7A	6A

21A	20A	19A	18A	17A	16A	15A	14A	13A	12A	11A
	30A	29A	28A	27A	26A	25A	24A	23A	22A	

41A	40A	39A	38A	37A	36A	35A	34A	33A	32A	31A
	50A	49A	48A	47A	46A	45A	44A	43A	42A	

61A	60A	59A	58A	57A	56A	55A	54A	53A	52A	51A
	70A	69A	68A	67A	66A	65A	64A	63A	62A	

81A	80A	79A	78A	77A	76A	75A	74A	73A	72A	71A
	90A	89A	88A	87A	86A	85A	84A	83A	82A	

95A	94A	93A	92A	91A
100A	99A	98A	97A	96A

Terminal No.	Color of Wire	Signal Name
6A	LG	- (WITHOUT CLIMATE CONTROLLED SEAT)
57A	SB	- (WITHOUT CLIMATE CONTROLLED SEAT)
92A	LG	–
97A	BR	–

Connector No.	B79
Connector Name	2ND ROW SEAT HEATER LH
Connector Color	WHITE

H.S.

1	2	3

Terminal No.	Color of Wire	Signal Name
1	B	–
2	LG	–
3	BR	–

Connector No.	B101
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
24	V	- (WITHOUT CLIMATE CONTROLLED SEAT)

Connector No.	B105
Connector Name	2ND ROW SEAT HEATER RH
Connector Color	WHITE

H.S.

1	2	3

Terminal No.	Color of Wire	Signal Name
1	GR	–
2	LG	–
3	Y	–

Connector No.	B157
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
9	V	–
11	B	–
12	V	–

ABJIA0611GB

Connector No.	B161
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
1	LG	–
2	Y	–
12	V	- (WITHOUT CLIMATE CONTROLLED SEAT)

Connector No.	B216
Connector Name	FRONT SEAT HEATER (DRIVER SEAT)
Connector Color	WHITE

H.S.

1
2	3

Terminal No.	Color of Wire	Signal Name
1	LG	–
2	R	–
3	B	–

Connector No.	B220
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
9	R	–
11	B	–
12	LG	–

Connector No.	B300
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
9	R	–
11	B	–
12	LG	–

Connector No.	B315
Connector Name	FRONT SEAT HEATER (PASSENGER SEAT)
Connector Color	WHITE

H.S.

1
2	3

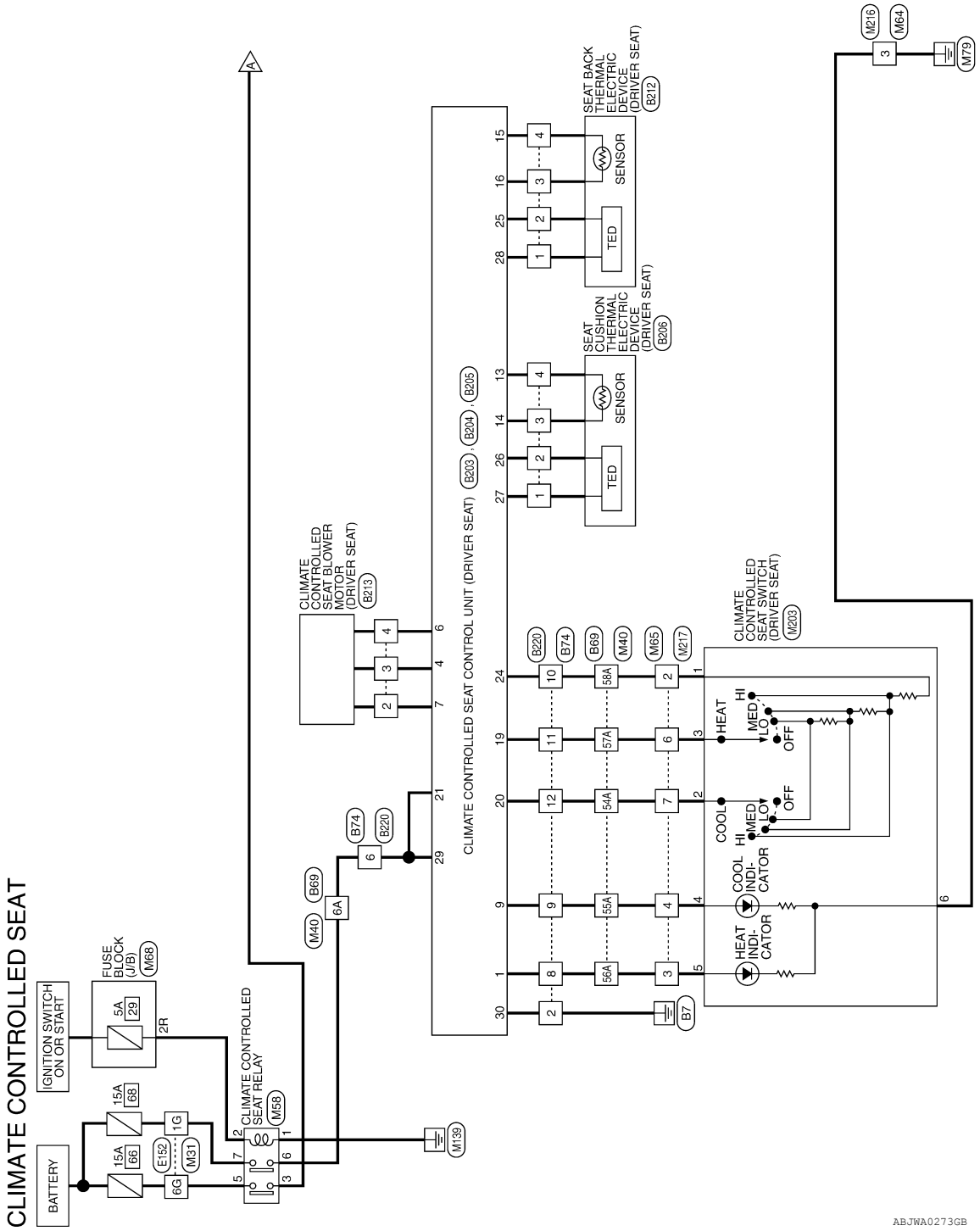
Terminal No.	Color of Wire	Signal Name
1	LG	–
2	R	–
3	B	–

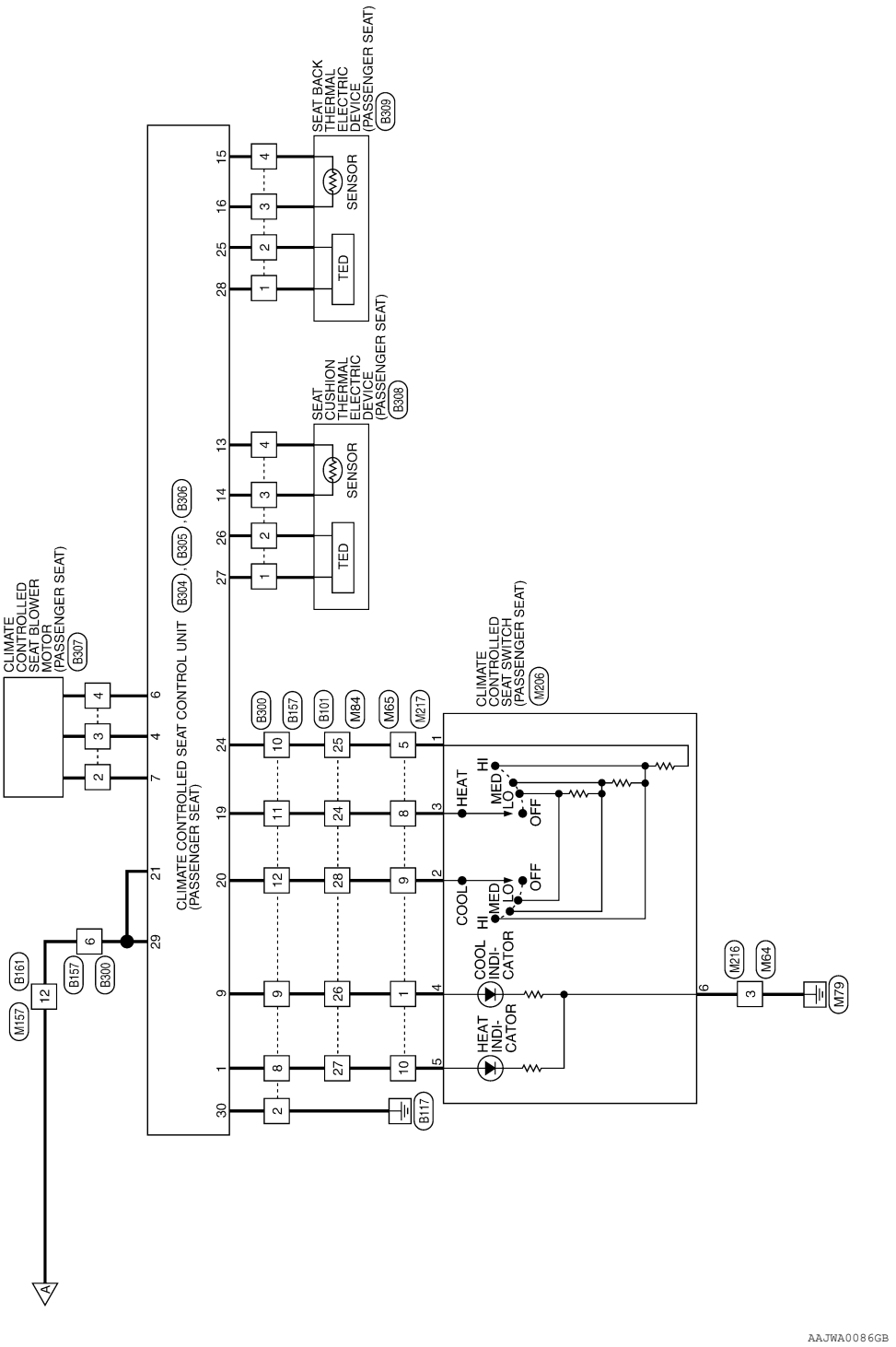
ABJIA0627GB

CLIMATE CONTROLLED SEAT SYSTEM

Wiring Diagram

INFOID:0000000007913079




CLIMATE CONTROLLED SEAT BLOWER MOTOR (PASSENGER SEAT)
B307
CLIMATE CONTROLLED SEAT CONTROL UNIT (PASSENGER SEAT)
B304
B305
B306
SEAT BACK THERMAL ELECTRIC DEVICE (PASSENGER SEAT)
B309
SEAT CUSHION THERMAL ELECTRIC DEVICE (PASSENGER SEAT)
B308
SENSOR
TED
CLIMATE CONTROLLED SEAT SWITCH (PASSENGER SEAT)
M206
HEAT
COOL
HI
MED
LO
OFF
COOL INDI-CATOR
HEAT INDI-CATOR
B161
M157
B157
B300
B101
M84
M65
M217
M216
M64
M79
B117
A
AAJWA0086GB

CLIMATE CONTROLLED SEAT CONNECTORS

Connector No.	M31
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

1G	2G	3G	4G	5G
6G	7G	8G	9G	10G

11G	12G	13G	14G	15G	16G	17G	18G	19G	20G	21G
	22G	23G	24G	25G	26G	27G	28G	29G	30G	

31G	32G	33G	34G	35G	36G	37G	38G	39G	40G	41G
	42G	43G	44G	45G	46G	47G	48G	49G	50G	

51G	52G	53G	54G	55G	56G	57G	58G	59G	60G	61G
	62G	63G	64G	65G	66G	67G	68G	69G	70G	

71G	72G	73G	74G	75G	76G	77G	78G	79G	80G	81G
	82G	83G	84G	85G	86G	87G	88G	89G	90G	

91G	92G	93G	94G	95G
96G	97G	98G	99G	100G

Terminal No.	Color of Wire	Signal Name
1G	P	- (WITH CLIMATE CONTROLLED SEAT)
6G	R	- (WITH CLIMATE CONTROLLED SEAT)

Connector No.	M40
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

1A	2A	3A	4A	5A
6A	7A	8A	9A	10A

11A	12A	13A	14A	15A	16A	17A	18A	19A	20A	21A
	22A	23A	24A	25A	26A	27A	28A	29A	30A	

31A	32A	33A	34A	35A	36A	37A	38A	39A	40A	41A
	42A	43A	44A	45A	46A	47A	48A	49A	50A	

51A	52A	53A	54A	55A	56A	57A	58A	59A	60A	61A
	62A	63A	64A	65A	66A	67A	68A	69A	70A	

71A	72A	73A	74A	75A	76A	77A	78A	79A	80A	81A
	82A	83A	84A	85A	86A	87A	88A	89A	90A	

91A	92A	93A	94A	95A
96A	97A	98A	99A	100A

Terminal No.	Color of Wire	Signal Name
6A	G	–
54A	W	–
55A	BG	–
56A	BR	–
57A	P	- (WITH CLIMATE CONTROLLED SEAT)
58A	G	–

Connector No.	M58
Connector Name	CLIMATE CONTROLLED SEAT RELAY
Connector Color	BROWN

H.S.

2		1
	7	5
	6	3

Terminal No.	Color of Wire	Signal Name
1	GR	–
2	LG	–
3	W	–
5	R	–
6	G	–
7	P	–

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Connector No.	M64
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
3	B	–

Connector No.	M65
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
1	W	–
2	G	–
3	BR	–
4	BG	–
5	W	–

Terminal No.	Color of Wire	Signal Name
6	P	–
7	W	- (WITH CLIMATE CONTROLLED SEAT)
8	R	- (WITH CLIMATE CONTROLLED SEAT)
9	V	–
10	BG	–

Connector No.	M68
Connector Name	FUSE BLOCK (J/B)
Connector Color	BROWN

H.S.

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

Terminal No.	Color of Wire	Signal Name
2R	LG	–

Connector No.	M84
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

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

Terminal No.	Color of Wire	Signal Name
24	R	- (WITH CLIMATE CONTROLLED SEAT)
25	W	–
26	W	–
27	BG	–
28	V	–

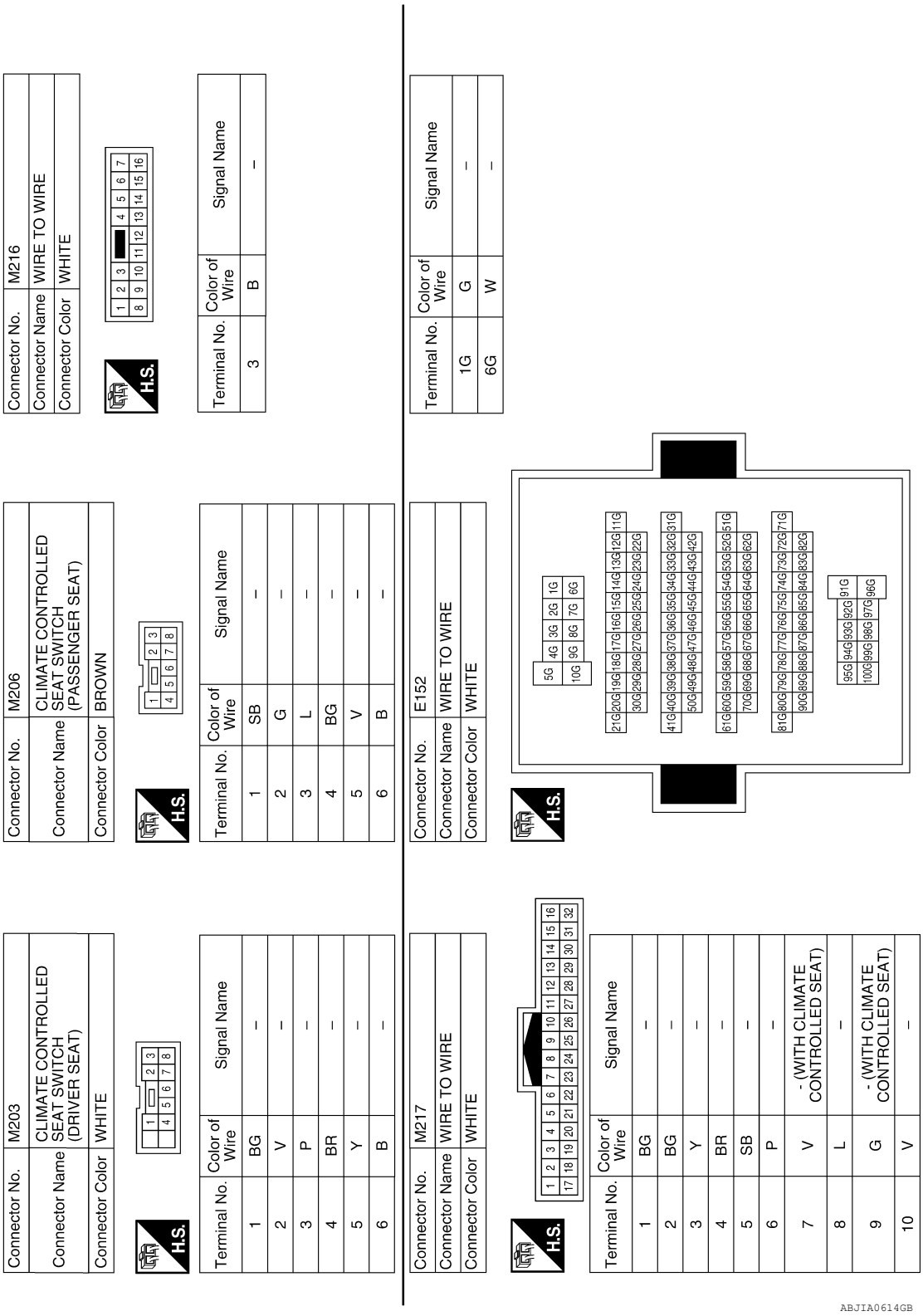
Connector No.	M157
Connector Name	WIRE TO WIRE
Connector Color	WHITE

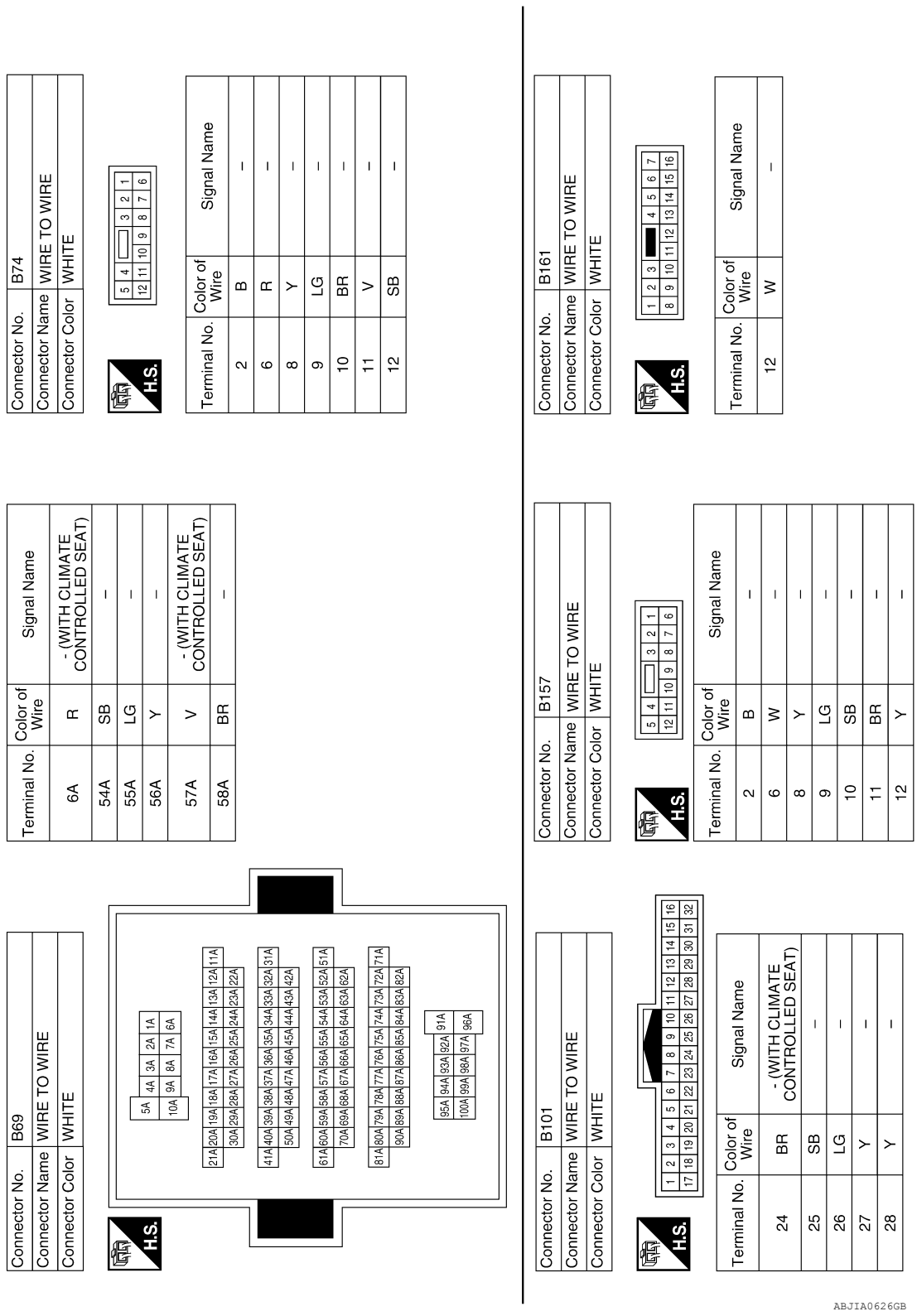
H.S.

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

Terminal No.	Color of Wire	Signal Name
12	W	- (WITH CLIMATE CONTROLLED SEAT)

ABJIA0613GB


Connector No. M203
Connector Name CLIMATE CONTROLLED SEAT SWITCH (DRIVER SEAT)
Connector Color WHITE
H.S.
Terminal No. Color of Wire Signal Name
1 BG –
2 V –
3 P –
4 BR –
5 Y –
6 B –
Connector No. M206
Connector Name CLIMATE CONTROLLED SEAT SWITCH (PASSENGER SEAT)
Connector Color BROWN
H.S.
Terminal No. Color of Wire Signal Name
1 SB –
2 G –
3 L –
4 BG –
5 V –
6 B –
Connector No. M216
Connector Name WIRE TO WIRE
Connector Color WHITE
H.S.
Terminal No. Color of Wire Signal Name
3 B –
Connector No. M217
Connector Name WIRE TO WIRE
Connector Color WHITE
H.S.
Terminal No. Color of Wire Signal Name
1 BG –
2 BG –
3 Y –
4 BR –
5 SB –
6 P –
7 V - (WITH CLIMATE CONTROLLED SEAT)
8 L –
9 G - (WITH CLIMATE CONTROLLED SEAT)
10 V –
Connector No. E152
Connector Name WIRE TO WIRE
Connector Color WHITE
H.S.
Terminal No. Color of Wire Signal Name
1G G –
6G W –
ABJIA0614GB


Connector No. B74
Connector Name WIRE TO WIRE
Connector Color WHITE
H.S.
Terminal No. Color of Wire Signal Name
2 B –
6 R –
8 Y –
9 LG –
10 BR –
11 V –
12 SB –
Connector No. B161
Connector Name WIRE TO WIRE
Connector Color WHITE
H.S.
Terminal No. Color of Wire Signal Name
12 W –
Connector No. B69
Connector Name WIRE TO WIRE
Connector Color WHITE
H.S.
Terminal No. Color of Wire Signal Name
6A R - (WITH CLIMATE CONTROLLED SEAT)
54A SB –
55A LG –
56A Y –
57A V - (WITH CLIMATE CONTROLLED SEAT)
58A BR –
Connector No. B157
Connector Name WIRE TO WIRE
Connector Color WHITE
H.S.
Terminal No. Color of Wire Signal Name
2 B –
6 W –
8 Y –
9 LG –
10 SB –
11 BR –
12 Y –
Connector No. B101
Connector Name WIRE TO WIRE
Connector Color WHITE
H.S.
Terminal No. Color of Wire Signal Name
24 BR - (WITH CLIMATE CONTROLLED SEAT)
25 SB –
26 LG –
27 Y –
28 Y –
ABJIA0626GB

Connector No.	B203
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT (DRIVER SEAT)
Connector Color	BLACK

H.S.

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

Terminal No.	Color of Wire	Signal Name
1	LG	HEAT ON INDICATOR
2	–	–
3	–	–
4	P	BLOWER MOTOR SPEED CONTROL
5	–	–
6	G	BLOWER GND
7	R	BLOWER POWER
8	–	–
9	W	COOL ON INDICATOR

Connector No.	B204
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT (DRIVER SEAT)
Connector Color	BLACK

H.S.

17	18	19	20
21	22	23	24

Terminal No.	Color of Wire	Signal Name
10	–	–
11	–	–
12	–	–
13	Y	CUSHION SENSOR GND
14	BG	CUSHION SENSOR SIGNAL
15	V	BACK SENSOR GND
16	L	BACK SENSOR SIGNAL

Connector No.	B205
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT (DRIVER SEAT)
Connector Color	BLACK

H.S.

25	26	27	28	29	30

Terminal No.	Color of Wire	Signal Name
25	G	BACK TED +COOL /-HEAT
26	LG	CUSHION TED +COOL /-HEAT
27	L	CUSHION TED -COOL /+ HEAT
28	W	BACK TED -COOL /+HEAT
29	R	BAT (PTC)
30	B	MAIN GND

Connector No.	B206
Connector Name	SEAT CUSHION THERMAL ELECTRIC DEVICE (DRIVER SEAT)
Connector Color	WHITE

H.S.

4	3	2	1

Terminal No.	Color of Wire	Signal Name
1	L	TED + HEAT (-COOL)
2	LG	TED - HEAT (+COOL)
3	BG	SENSOR SIGNAL
4	Y	SENSOR RETURN

Connector No.	B212
Connector Name	SEAT BACK THERMAL ELECTRIC DEVICE (DRIVER SEAT)
Connector Color	WHITE

H.S.

4	3	2	1

Terminal No.	Color of Wire	Signal Name
1	W	TED + HEAT (-COOL)
2	G	TED - HEAT (+COOL)
3	L	SENSOR SIGNAL
4	V	SENSOR RETURN

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Connector No.	B213
Connector Name	CLIMATE CONTROLLED SEAT BLOWER MOTOR (DRIVER SEAT)
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
1	–	–
2	R	POWER
3	P	RPM CONTROL PWM
4	G	GROUND
5	–	–

Connector No.	B220
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
2	B	–
6	R	–
8	LG	–
9	W	–
10	G	–
11	Y	–
12	V	–

Connector No.	B300
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
2	B	–
6	R	–
8	LG	–
9	W	–
10	G	–
11	Y	–
12	V	–

Connector No.	B304
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT (PASSENGER SEAT)
Connector Color	BLACK

H.S.

Terminal No.	Color of Wire	Signal Name
25	G	BACK TED + COOL / - HEAT
26	LG	CUSHION TED + COOL / - HEAT
27	L	CUSHION TED - COOL / + HEAT
28	W	BACK TED - COOL / + HEAT
29	R	BAT (PTC)
30	B	MAIN GND

Connector No.	B305
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT (PASSENGER SEAT)
Connector Color	BLACK

H.S.

Terminal No.	Color of Wire	Signal Name
17	–	–
18	–	–
19	Y	HEAT SWITCH INPUT
20	V	COOL SWITCH INPUT
21	R	IGN RUN
22	–	–
23	SB	NOT USED
24	G	HEAT/COOL SW RESISTOR PWR

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Connector No.	B306
Connector Name	CLIMATE CONTROLLED SEAT CONTROL UNIT (PASSENGER SEAT)
Connector Color	BLACK

H.S.

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

Terminal No.	Color of Wire	Signal Name
1	LG	HEAT ON INDICATOR
2	–	–
3	–	–
4	P	BLOWER MOTOR SPEED CONTROL
5	–	–
6	G	BLOWER GND
7	R	BLOWER POWER
8	–	–
9	W	COOL ON INDICATOR

Connector No.	B307
Connector Name	CLIMATE CONTROLLED SEAT BLOWER MOTOR (PASSENGER SEAT)
Connector Color	WHITE

H.S.

5	4	3	2	1

Terminal No.	Color of Wire	Signal Name
1	–	–
2	R	POWER
3	P	RPM CONTROL PWM
4	G	GROUND
5	–	–

Terminal No.	Color of Wire	Signal Name
10	–	–
11	–	–
12	–	–
13	Y	CUSHION SENSOR GND
14	BG	CUSHION SENSOR SIGNAL
15	V	BACK SENSOR GND
16	L	BACK SENSOR SIGNAL

Connector No.	B308
Connector Name	SEAT CUSHION THERMAL ELECTRIC DEVICE (PASSENGER SEAT)
Connector Color	WHITE

H.S.

4	3	2	1

Terminal No.	Color of Wire	Signal Name
1	L	TED + HEAT (-COOL)
2	LG	TED - HEAT (+COOL)
3	BG	SENSOR SIGNAL
4	Y	SENSOR RETURN

Connector No.	B309
Connector Name	SEAT BACK THERMAL ELECTRIC DEVICE (PASSENGER SEAT)
Connector Color	WHITE

H.S.

4	3	2	1

Terminal No.	Color of Wire	Signal Name
1	W	TED + HEAT (-COOL)
2	G	TED - HEAT (+COOL)
3	L	SENSOR SIGNAL
4	V	SENSOR RETURN

AAJIA0122GB

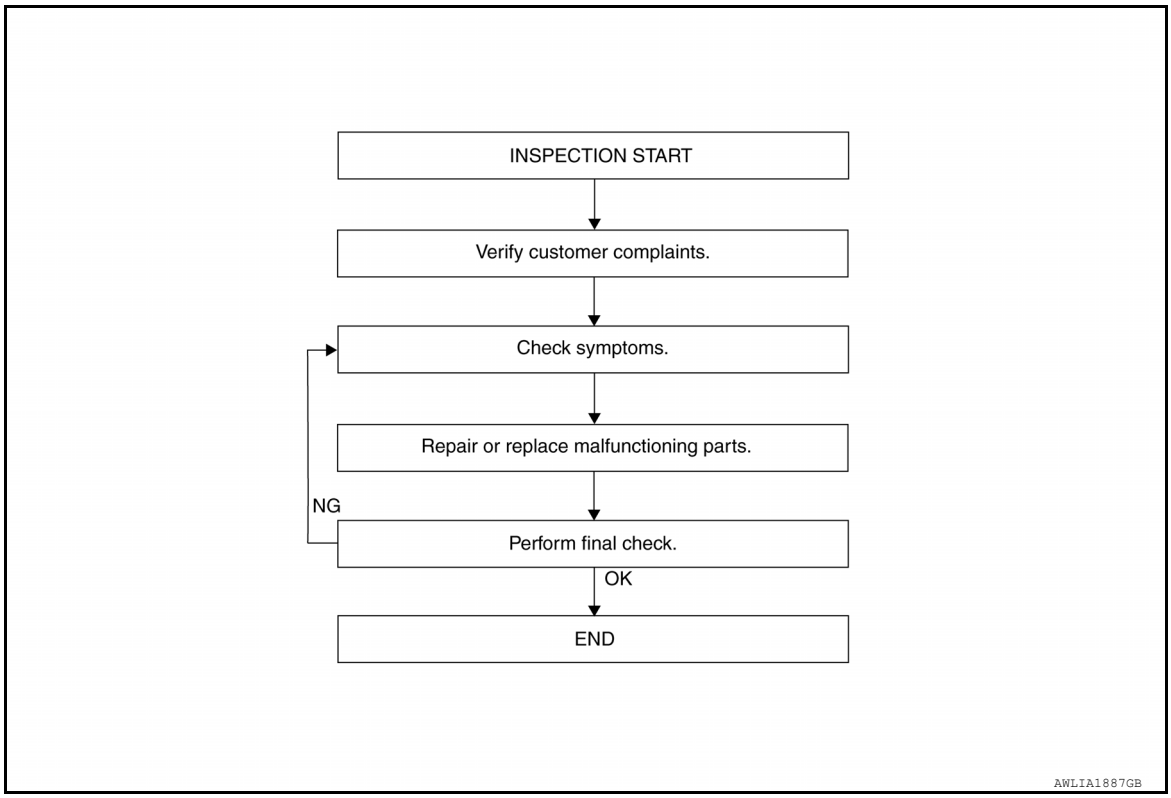
BASIC INSPECTION

DIAGNOSIS AND REPAIR WORK FLOW

Work Flow

INFOID:0000000008146596

OVERALL SEQUENCE



DETAILED FLOW

1. REVIEW CUSTOMER COMPLAINT

Review customer complaint. Try to obtain detailed information about the conditions when the symptom occurs.

>> GO TO 2.

2. VERIFY THE SYMPTOM

Verify the symptom by performing an operational check. Refer to SE-18, "CLIMATE CONTROLLED SEAT SYSTEM : System Description".

>> GO TO 3.

3. PERFORM TROUBLE DIAGNOSIS BY SYMPTOM

Diagnose the vehicle by performing the appropriate trouble diagnosis. Refer to SE-15, "Symptom Table".

>> GO TO 4.

4. REPAIR OR REPLACE MALFUNTIONING PARTS

Repair or replace the specific parts.

>> GO TO 5.

5. FINAL CHECK

Perform a final inspection of the system.

Is the inspection result normal?

YES >> Inspection End.
NO >> GO TO 2.

DTC/CIRCUIT DIAGNOSIS

POWER SUPPLY AND GROUND CIRCUIT

CLIMATE CONTROLLED SEAT CONTROL UNIT

CLIMATE CONTROLLED SEAT CONTROL UNIT : Diagnosis Procedure

INFOID:0000000008266424

Regarding Wiring Diagram information, refer to SE-41, "Wiring Diagram".

DRIVER SIDE

1.CHECK FUSE

Check if any of the following fuses are blown.

Signal name	Fuse No.
Battery power supply	68 (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 (DRIVER SIDE) POWER SUPPLY

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

(+)		(–)	Voltage (V) (Approx.)
Climate controlled seat control unit (driver side)			
Connector	Terminal		
B204	21	Ground	Battery voltage
B205	29		

Is the inspection result normal?

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

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

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

Climate controlled seat control unit (driver side)		Climate controlled seat relay		Continuity
Connector	Terminal	Connector	Terminal	
B204	21	M58	6	Yes
B205	29			

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

Climate controlled seat control unit (driver side)		Ground	Continuity
Connector	Terminal		
B204	21		No
B205	29		

Is the inspection result normal?

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

4.CHECK CILMATE CONTROLLED SEAT RELAY POWER SUPPLY CIRCUIT

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

(+)		(−)	Voltage (V) (Approx.)
Climate controlled seat relay			
Connector	Terminal		
M58	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 and ground.

Climate controlled seat relay		Ground	Continuity
Connector	Terminal		
M58	1		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-55, "CLIMATE CONTROLLED SEAT CONTROL UNIT : Component Inspection".

Is the inspection result normal?

YES >> GO TO 8.
NO >> Replace climate controlled seat relay.

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

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

Climate controlled seat control unit (driver side)		Ground	Continuity
Connector	Terminal		
B205	30		Yes

Is the inspection result normal?

YES >> Check intermittent incident. Refer to GI-53, "Intermittent Incident".
NO >> Repair or replace harness or connector.

PASSENGER SIDE

1.CHECK FUSE

Check if any of the following fuses are blown.

Signal name	Fuse No.
Battery power supply	66 (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 (PASSENGER SIDE) POWER SUPPLY

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

(+)		(–)	Voltage (V) (Approx.)
Climate controlled seat control unit (passenger side)			
Connector	Terminal		
B304	21	Ground	Battery voltage
B305	29		

Is the inspection result normal?

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

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

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

Climate controlled seat control unit (passenger side)		Climate controlled seat relay		Continuity
Connector	Terminal	Connector	Terminal	
B304	21	M58	3	Yes
B305	29			

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

Climate controlled seat control unit (passenger side)		Ground	Continuity
Connector	Terminal		
B304	21		No
B305	29		

Is the inspection result normal?

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

4. CHECK CILMATE CONTROLLED SEAT RELAY POWER SUPPLY CIRCUIT

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

(+)		(–)	Voltage (V) (Approx.)
Climate controlled seat relay			
Connector	Terminal		
M58	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 and ground.

Climate controlled seat relay		Ground	Continuity
Connector	Terminal		
M58	1		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-55, "CLIMATE CONTROLLED SEAT CONTROL UNIT : Component Inspection".

Is the inspection result normal?

YES >> GO TO 8.
NO >> Replace climate controlled seat relay.

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

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

Climate controlled seat control unit (passenger side)		Ground	Continuity
Connector	Terminal		
B305	30		Yes

Is the inspection result normal?

YES >> Check intermittent incident. Refer to GI-53, "Intermittent Incident".
NO >> Repair harness or connector.

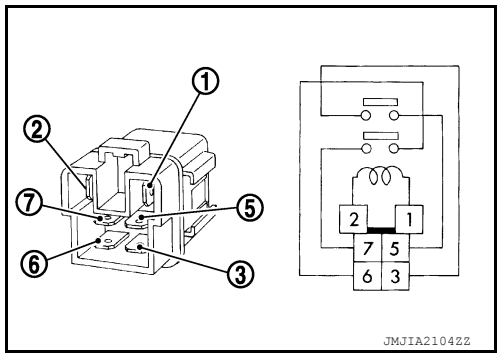
CLIMATE CONTROLLED SEAT CONTROL UNIT : Component Inspection

INFOID:0000000008266425

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.

Terminal		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.

CLIMATE CONTROLLED SEAT SWITCH

Component Function Check

INFOID:0000000008266426

1.CHECK CLIMATE CONTROLLED SEAT SWITCH FUNCTION

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

Is the inspection result normal?

YES >> Climate controlled seat switch is OK.
NO >> Refer to SE-56, "Diagnosis Procedure".

Diagnosis Procedure

INFOID:0000000008266427

Regarding Wiring Diagram information, refer to SE-41, "Wiring Diagram".

1.CHECK CLIMATE CONTROLLED SEAT CONTROL UNIT INPUT SIGNAL

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

(+)			(–)	Condition			Voltage (V) (Approx.)
Climate controlled seat control unit							
Connector		Terminal					
Driver side	B204	20	Ground	Climate controlled seat switch (driver side)	COOL	HI	2.6 - 4.2
						MID	1.6 - 2.5
						LO	0.8 - 1.5
					OFF		0
		19			HEAT	HI	2.6 - 4.2
						MID	1.6 - 2.5
						LO	0.8 - 1.5
					OFF		0
Passenger side	B304	20		Climate controlled seat switch (passenger seat)	COOL	HI	2.6 - 4.2
						MID	1.6 - 2.5
						LO	0.8 - 1.5
					OFF		0
		19			HEAT	HI	2.6 - 4.2
						MID	1.6 - 2.5
						LO	0.8 - 1.5
					OFF		0

Is the inspection result normal?

YES >> Inspection End.
NO-1 >> HEAT or COOL mode is NG. GO TO 2.
NO-2 >> HEAT and COOL mode are NG. GO TO 3.

2.CHECK CLIMATE CONTROLLED SEAT SWITCH CIRCUIT

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

Climate controlled seat switch				Climate controlled seat control unit		Continuity
Connector			Terminal	Connector	Terminal	
Driver side	COOL	M203	2	B204	20	Yes
	HEAT		3		19	
Passenger side	COOL	M206	2	B304	20	
	HEAT		3		19	

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

Climate controlled seat switch				Ground	Continuity
Connector			Terminal		
Driver side	COOL	M203	2	Ground	No
	HEAT		3		
Passenger side	COOL	M206	2		
	HEAT		3		

Is the inspection result normal?

YES >> GO TO 5.
NO >> Repair or replace harness.

3. CHECK CLIMATE CONTROLLED SEAT SWITCH POWER SUPPLY

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

(+)			(–)	Voltage (V) (Approx.)
Climate controlled seat switch				
Connector		Terminal		
Driver side	M203	1	Ground	12
Passenger side	M206			

Is the inspection result normal?

YES >> GO TO 5.
NO >> GO TO 4.

4. CHECK CLIMATE CONTROLLED SEAT SWITCH POWER SUPPLY CIRCUIT

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

Climate controlled seat switch			Climate controlled seat control unit		Continuity
Connector		Terminal	Connector	Terminal	
Driver side	M203	1	B204	24	Yes
Passenger side	M206		B304		

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

Climate controlled seat switch			Ground	Continuity
Connector		Terminal		
Driver side	M203	1	Ground	No
Passenger side	M206			

Is the inspection result normal?

YES >> Replace climate controlled seat control unit. Refer to SE-103, "Disassembly and Assembly".
NO >> Repair or replace harness.

5. CHECK CLIMATE CONTROLLED SEAT SWITCH

Check climate controlled seat switch.
Refer to SE-58, "Component Inspection".

Is the inspection result normal?

YES >> Check intermittent incident. Refer to GI-53, "Intermittent Incident".
NO >> Replace climate controlled seat switch. Refer to IP-18, "Removal and Installation".

Component Inspection

INFOID:0000000008266428

1. CHECK CLIMATE CONTROLLED SEAT SWITCH

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

Terminal		Condition			Continuity
2	1	Climate controlled seat switch	COOL mode	ON	Yes
				OFF	No
3			HEAT mode	ON	Yes
				OFF	No

Is the inspection result normal?

YES >> Inspection End.
NO >> Replace climate controlled seat switch. Refer to IP-18, "Removal and Installation".

SEATBACK THERMAL ELECTRIC DEVICE

Component Function Check

INFOID:0000000008266429

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-59, "Diagnosis Procedure".

Diagnosis Procedure

INFOID:0000000008266430

Regarding Wiring Diagram information, refer to SE-41, "Wiring Diagram".

1.CHECK SEATBACK THERMAL ELECTRIC DEVICE INPUT SIGNAL

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

(+)			(–)	Condition		Voltage (V) (Approx.)
Seatback thermal electric device						
Connector		Terminal				
Driver side	B212	1	Ground	Climate controlled seat switch	HEAT or COOL	0 - 12*
					Other than above	0
		2			HEAT or COOL	0 - 12*
					Other than above	0
Passenger side	B309	1		Climate controlled seat switch	HEAT or COOL	0 - 12*
					Other than above	0
		2			HEAT or COOL	0 - 12*
					Other than above	0

*:It changes between 12 and 0 V

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

Is the inspection result normal?

YES >> Replace seatback thermal electric device. Refer to SE-81, "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 connector and seatback thermal electric device connector.
3. Check continuity between climate controlled seat control unit harness connector and seatback thermal electric device harness connector.

Climate controlled seat control unit			Seatback thermal electric device		Continuity
Connector		Terminal	Connector	Terminal	
Driver side	B205	28	B212	1	Yes
		25		2	
Passenger side	B305	28	B309	1	
		25		2	

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

Climate controlled seat control unit			Ground	Continuity
Connector		Terminal		
Driver side	B205	28		No
		25		
Passenger side	B305	28		
		25		

Is the inspection result normal?

YES >> Replace climate controlled seat control unit. Refer to SE-103, "Disassembly and Assembly".
NO >> Repair or replace harness.

SEATBACK THERMAL ELECTRIC DEVICE SENSOR

Component Function Check

INFOID:0000000008266431

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-61, "Diagnosis Procedure".

Diagnosis Procedure

INFOID:0000000008266432

Regarding Wiring Diagram information, refer to SE-41, "Wiring Diagram".

1.CHECK SEATBACK THERMAL ELECTRIC DEVICE SENSOR SIGNAL

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

(+)			(-)	Condition	Voltage (V) (Approx.)
Seatback thermal electric device					
Connector		Terminal			
Driver side	B212	3	Ground	Climate controlled seat operated	1 - 5
Passenger side	B309				

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 connector and seatback thermal electric device connector.
3. Check continuity between climate controlled seat control unit harness connector and seatback thermal electric device harness connector.

Climate controlled seat control unit			Seatback thermal electric device		Continuity
Connector		Terminal	Connector	Terminal	
Driver side	B203	16	B212	3	Yes
Passenger side	B303		B309		

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

Climate controlled seat control unit			Ground	Continuity
Connector		Terminal		
Driver side	B203	16		No
Passenger side	B303			

Is the inspection result normal?

YES >> Replace climate controlled seat control unit. Refer to SE-103, "Disassembly and Assembly".
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 connector and seatback thermal electric device connector.

3. Check continuity between climate controlled seat control unit harness connector and seatback thermal electric device harness connector.

Climate controlled seat control unit			Seatback thermal electric device		Continuity
Connector		Terminal	Connector	Terminal	
Driver side	B203	15	B212	4	Yes
Passenger side	B303		B309		

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

Climate controlled seat control unit			Ground	Continuity
Connector		Terminal		
Driver side	B203	15		No
Passenger side	B303			

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-62, "Component Inspection".

Is the inspection result normal?

YES >> Check intermittent incident. Refer to GI-53, "Intermittent Incident".
NO >> Replace seatback thermal electric device. SE-81, "Seatback Thermal Electric Device".

Component Inspection

INFOID:0000000008266433

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.)
Terminal		
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-81, "Seatback Thermal Electric Device".

SEAT CUSHION THERMAL ELECTRIC DEVICE

Component Function Check

INFOID:0000000008266434

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-63, "Diagnosis Procedure".

Diagnosis Procedure

INFOID:0000000008266435

Regarding Wiring Diagram information, refer to SE-41, "Wiring Diagram".

1.CHECK SEAT CUSHION THERMAL ELECTRIC DEVICE SIGNAL

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

(+)			(–)	Condition		Voltage (V) (Approx.)
Seat cushion thermal electric device						
Connector		Terminal				
Driver side	B206	1	Ground	Climate controlled seat switch	HEAT or COOL	0 - 12*
					Other than above	0
		2			HEAT or COOL	0 - 12*
					Other than above	0
Passenger side	B308	1		Climate controlled seat switch	HEAT or COOL	0 - 12*
					Other than above	0
		2			HEAT or COOL	0 - 12*
					Other than above	0

*:It changes between 12 and 0 V

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

Is the inspection result normal?

YES >> Replace seat cushion thermal electric device. Refer to SE-81, "Seatback Thermal Electric Device".
NO >> GO TO 2.

2.CHECK SEAT CUSHION THERMAL ELECTRIC DEVICE CIRCUIT

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

Climate controlled seat control unit			Seat cushion thermal electric device		Continuity
Connector		Terminal	Connector	Terminal	
Driver side	B205	27	B206	1	Yes
		26		2	
Passenger side	B305	27	B308	1	
		26		2	

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

Climate controlled seat control unit			Ground	Continuity
Connector		Terminal		
Driver side	B205	27	Ground	No
		26		
Passenger side	B305	27		
		26		

Is the inspection result normal?

YES >> Replace climate controlled seat control unit. Refer to SE-103, "Disassembly and Assembly".
NO >> Repair or replace harness.

SEAT CUSHION THERMAL ELECTRIC DEVICE SENSOR

Component Function Check

INFOID:0000000008266436

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-65, "Diagnosis Procedure".

Diagnosis Procedure

INFOID:0000000008266437

Regarding Wiring Diagram information, refer to SE-41, "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 harness connector and ground.

(+)			(-)	Condition	Voltage (V) (Approx.)
Seat cushion thermal electric device					
Connector		Terminal			
Driver side	B206	3	Ground	Climate controlled seat operated	1 - 5
Passenger side	B308				

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 connector and seat cushion thermal electric device connector.
3. Check continuity between climate controlled seat control unit harness connector and seat cushion thermal electric device harness connector.

Climate controlled seat control unit			Seat cushion thermal electric device		Continuity
Connector		Terminal	Connector	Terminal	
Driver side	B203	14	B206	3	Yes
Passenger side	B303		B308		

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

Climate controlled seat control unit			Ground	Continuity
Connector		Terminal		
Driver side	B203	14		No
Passenger side	B303			

Is the inspection result normal?

YES >> Replace climate controlled seat control unit. Refer to SE-103, "Disassembly and Assembly".
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 connector and seat cushion thermal electric device connector.
3. Check continuity between climate controlled seat control unit harness connector and seat cushion thermal electric device harness connector.

Climate controlled seat control unit			Seat cushion thermal electric device		Continuity
Connector		Terminal	Connector	Terminal	
Driver side	B203	13	B206	4	Yes
Passenger side	B303		B308		

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

Climate controlled seat control unit			Ground	Continuity
Connector		Terminal		
Driver side	B203	13		No
Passenger side	B303			

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-66, "Component Inspection".

Is the inspection result normal?

YES >> Check intermittent incident. Refer to GI-53, "Intermittent Incident".
NO >> Replace seat cushion thermal electric device. SE-109, "Thermal Electric Device Lower".

Component Inspection

INFOID:0000000008266438

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.)
Terminal		
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-81, "Seatback Thermal Electric Device".

CLIMATE CONTROLLED SEAT BLOWER MOTOR

Component Function Check

INFOID:0000000008266439

1.CHECK CLIMATE CONTROLLED SEATBACK BLOWER MOTOR FUNCTION

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

Is the inspection result normal?

YES >> Inspection End.
NO >> Refer to SE-67, "Diagnosis Procedure".

Diagnosis Procedure

INFOID:0000000008266440

Regarding Wiring Diagram information, refer to SE-41, "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 harness connector and ground.

(+)			(–)	Condition		Voltage (V) (Approx.)
Climate controlled seat blower motor						
Connector		Terminal				
Driver side	B213	2	Ground	Climate controlled seat switch	HEAT mode	12
					COOL mode	
					Other than above	0
Passenger side	B307			Climate controlled seat switch	HEAT mode	12
					COOL mode	
					Other than above	0

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 connector and climate controlled seat control unit connector.
3. Check continuity between climate controlled seat blower motor harness connector and climate controlled seat control unit harness connector.

Climate controlled seat blower motor			Climate controlled seat control unit		Continuity
Connector		Terminal	Connector	Terminal	
Driver side	B213	2	B203	7	Yes
Passenger side	B307		B303		

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

Climate controlled seat blower motor			Ground	Continuity
Connector		Terminal		
Driver side	B213	2		No
Passenger side	B307			

Is the inspection result normal?

YES >> Replace climate controlled seat control unit. Refer to SE-103, "Disassembly and Assembly".
NO >> Repair or replace harness.

3. CHECK CLIMATE CONTROLLED SEAT BLOWER MOTOR SPEED CONTROL SIGNAL

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

(+) Climate controlled seat blower motor Connector		(+) Terminal	(–)	Condition			Voltage (V) (Approx.)
Driver side	B213	3	Ground	Climate controlled seat switch	HEAT		5.5 - 8
					COOL	HI	11.2
						MID	8
						LO	6.5
					Other than above		0
Passenger side	B307			Climate controlled seat switch	HEAT		5.5 - 8
					COOL	HI	11.2
						MID	8
						LO	6.5
					Other than above		0

Is the inspection result normal?

YES >> GO TO 5.
NO >> GO TO 4.

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

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

Climate controlled seat blower motor			Climate controlled seat control unit		Continuity
Connector		Terminal	Connector	Terminal	
Driver side	B213	3	B203	4	Yes
Passenger side	B307		B303		

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

Climate controlled seat blower motor			Ground	Continuity
Connector		Terminal		
Driver side	B213	3		No
Passenger side	B307			

Is the inspection result normal?

YES >> Replace climate controlled seat control unit. Refer to SE-103, "Disassembly and Assembly".
NO >> Repair or replace harness.

5. CHECK CLIMATE CONTROLLED SEAT BLOWER MOTOR GROUND CIRCUIT

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

Climate controlled seat blower motor			Climate controlled seat control unit		Continuity
Connector		Terminal	Connector	Terminal	
Driver side	B213	4	B203	6	Yes
Passenger side	B307		B303		

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

Climate controlled seat blower motor			Ground	Continuity
Connector		Terminal		
Driver side	B213	4		No
Passenger side	B307			

Is the inspection result normal?

YES >> Replace climate controlled seat blower motor. Refer to SE-108, "Blower Motor".
NO >> Repair or replace harness.

CLIMATE CONTROLLED SEAT SWITCH INDICATOR

Component Function Check

INFOID:0000000008266443

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-70, "Diagnosis Procedure".

Diagnosis Procedure

INFOID:0000000008266444

Regarding Wiring Diagram information, refer to SE-41, "Wiring Diagram".

1.CHECK CLIMATE CONTROLLED SEAT SWITCH INPUT SIGNAL

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

(+)			(–)	Condition	Voltage (V) (Approx.)
Climate controlled seat switch				Climate controlled seat switch	
Connector		Terminal			
Driver side	M203	5	Ground	HEAT mode	12
				OFF	0
		4		COOL mode	12
				OFF	0
Passenger side	M206	5		HEAT mode	12
				OFF	0
		4		COOL mode	12
				OFF	0

Is the inspection result normal?

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

2.CHECK CLIMATE CONTROLLED SEAT SWITCH INDICATOR CIRCUIT

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

Climate controlled seat switch			Climate controlled seat control unit		Continuity
Connector		Terminal	Connector	Terminal	
Driver side	M203	4	B203	9	Yes
		5		1	
Passenger side	M206	4	B303	9	
		5		1	

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

Climate controlled seat switch			Ground	Continuity
Connector		Terminal		
Driver side	M203	4	Ground	No
		5		
Passenger side	M206	4		
		5		

Is the inspection result normal?

YES >> Replace climate controlled seat control unit. Refer to SE-103, "Disassembly and Assembly".
NO >> Repair or replace harness.

3. CHECK CLIMATE CONTROLLED SEAT SWITCH GROUND CIRCUIT

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

Climate controlled seat switch			Ground	Continuity
Connector		Terminal		
Driver side	M203	6	Ground	Yes
Passenger side	M206			

Is the inspection result normal?

YES >> Replace climate controlled seat switch. Refer to IP-18, "Removal and Installation".
NO >> Repair or replace harness.

CLIMATE CONTROLLED SEAT BLOWER FILTER

Diagnosis Procedure

INFOID:0000000008266445

1.CHECK CLIMATE CONTROLLED SEAT BLOWER FILTER

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

Is the inspection result normal?

YES >> Inspection End.
NO >> Replace climate controlled seat blower filter. Refer to SE-108, "Blower Motor Filter".

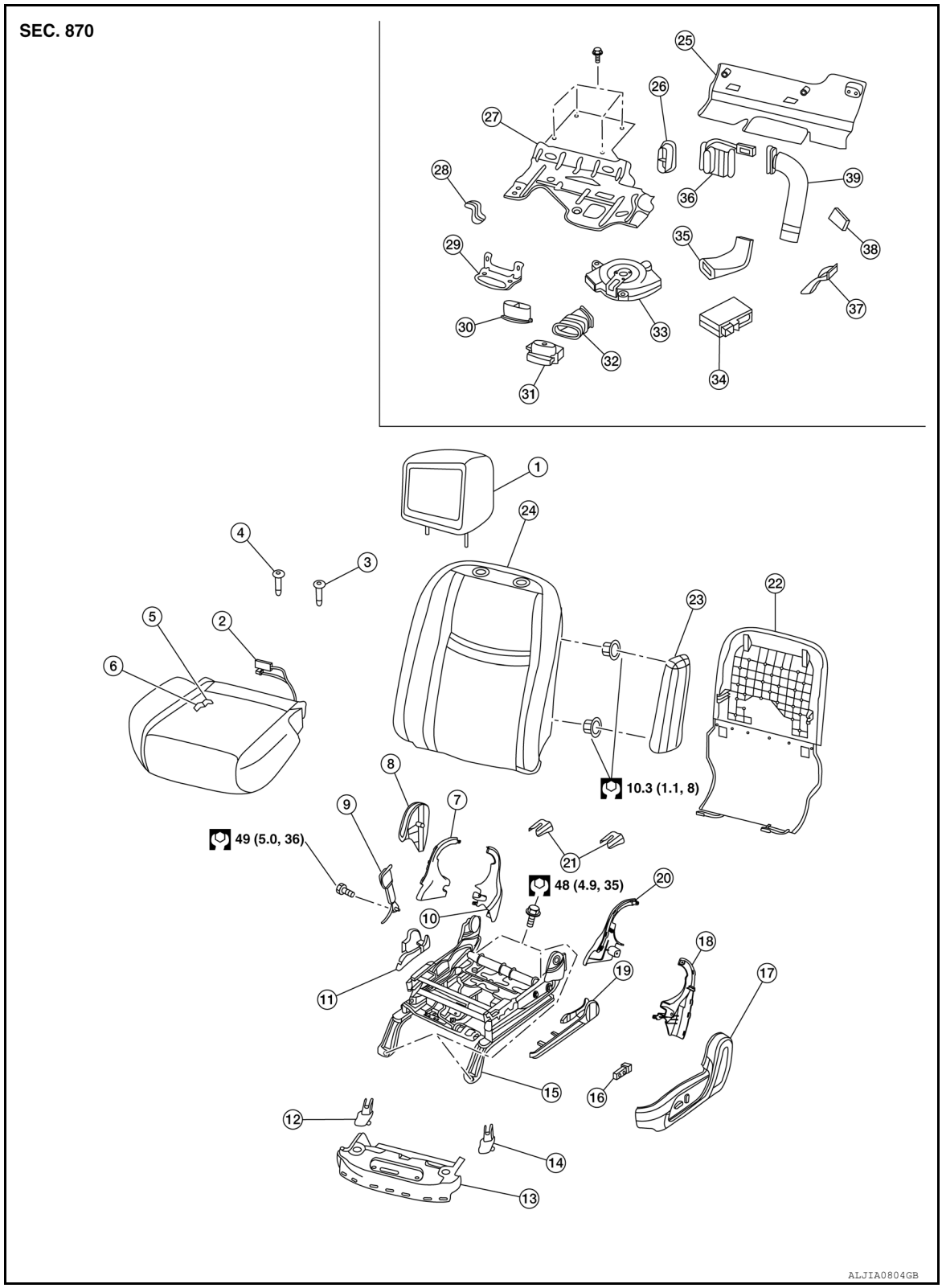
REMOVAL AND INSTALLATION

FRONT SEAT

Exploded View

INFOID:0000000007913115

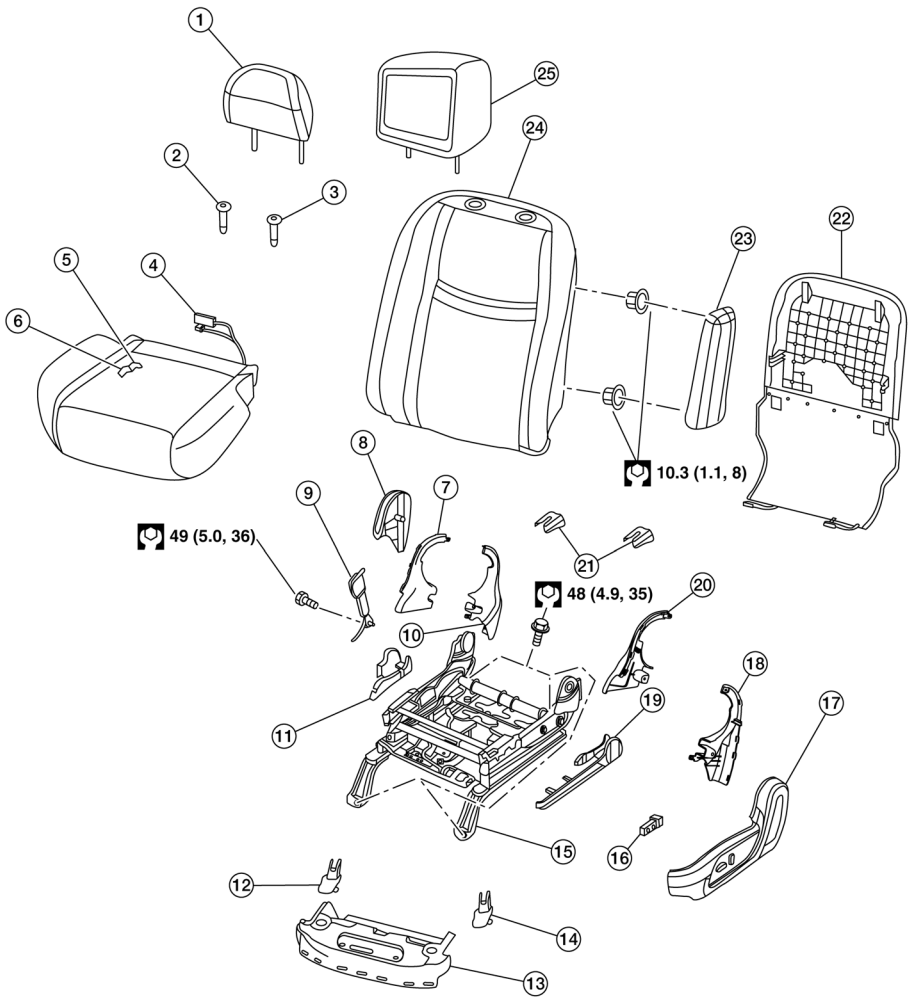
DRIVER SEAT WITH CLIMATE CONTROL



1. Headrest with display
2. Seat cushion heater
3. Headrest holder (locked)
4. Headrest holder (free)
5. Seat cushion trim
6. Seat cushion pad
7. Seat cushion outer finisher RH rear
8. Seat cushion outer finisher RH
9. Seat belt buckle
10. Seat cushion inner finisher RH rear
11. Seat cushion outer upper finisher RH
12. Front slide cover RH
13. Seat frame extension
14. Front slide cover LH
15. Seat frame assembly
16. Power seat switch
17. Seat cushion outer finisher LH
18. Seat cushion outer finisher LH rear
19. Seat cushion outer upper finisher LH
20. Seat cushion inner finisher LH rear
21. Rear slide cover (RH/LH)
22. Seatback board
23. Side air bag module
24. Seatback assembly
25. Seat cushion lower rear finisher
26. Thermal electric device upper nozzle
27. Blower motor bracket
28. Thermal electric device harness bracket
29. Thermal electric device lower bracket
30. Thermal electric device lower nozzle
31. Thermal electric device lower
32. Lower blower duct
33. Blower motor with filter
34. Climate controlled seat control unit
35. Angle duct
36. Thermal electric device upper
37. Thermal electric device clip
38. Upper blower duct clip
39. Upper blower duct

DRIVER SEAT WITHOUT CLIMATE CONTROL

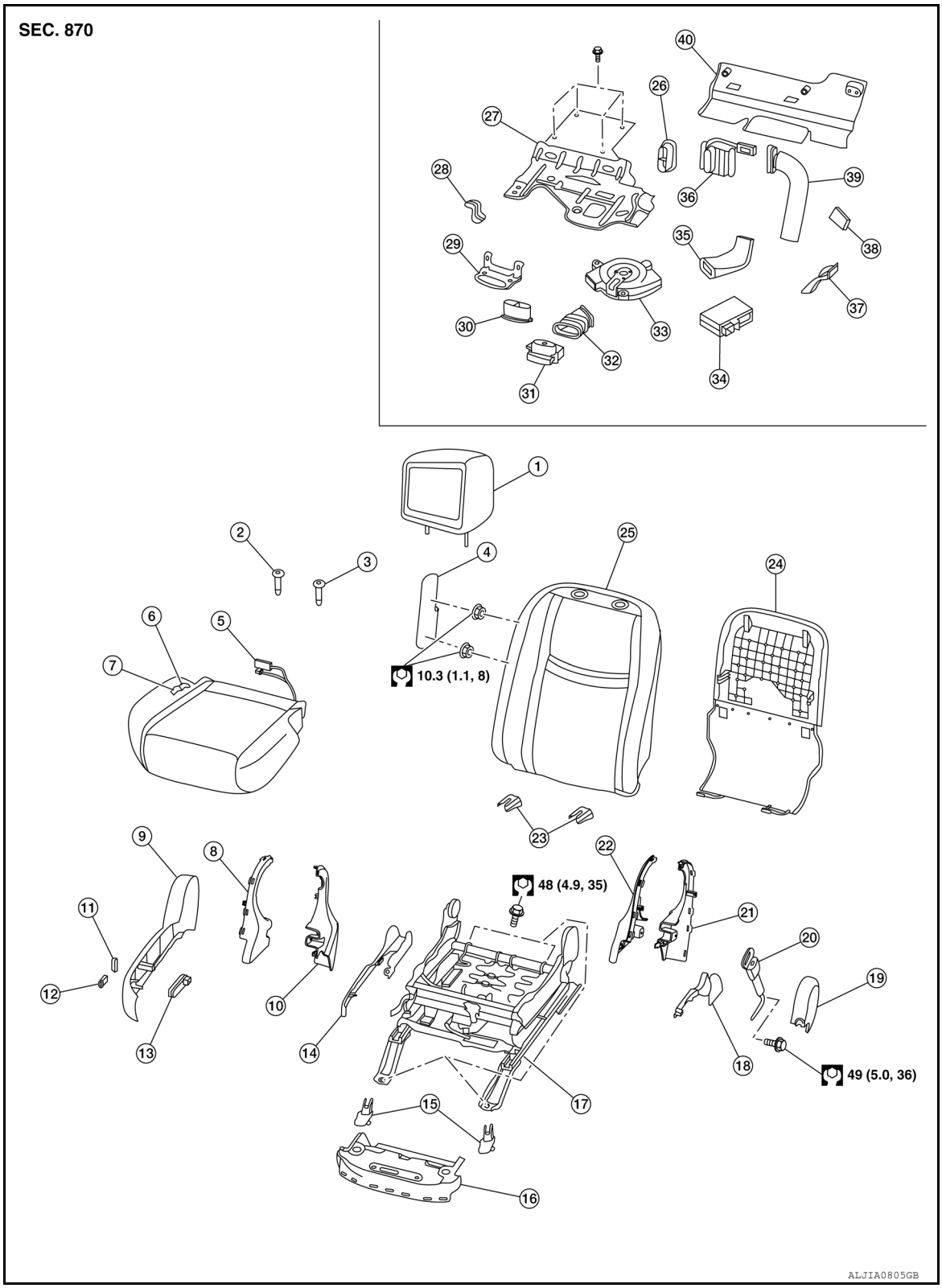
SEC. 870



1. Headrest without display
2. Headrest holder (free)
3. Headrest holder (locked)
4. Seat cushion heater
5. Seat cushion trim
6. Seat cushion pad
7. Seat cushion outer finisher RH rear
8. Seat cushion outer finisher RH
9. Seat belt buckle
10. Seat cushion inner finisher RH rear
11. Seat cushion outer upper finisher RH
12. Front slide cover RH
13. Seat frame extension
14. Front slide cover LH
15. Seat frame assembly
16. Power seat switch
17. Seat cushion outer finisher LH
18. Seat cushion outer finisher LH rear

19. Seat cushion outer upper finisher LH
20. Seat cushion inner finisher LH rear
21. Rear slide cover (RH/LH)
22. Seatback board
23. Side air bag module
24. Seatback assembly
25 Headrest with display

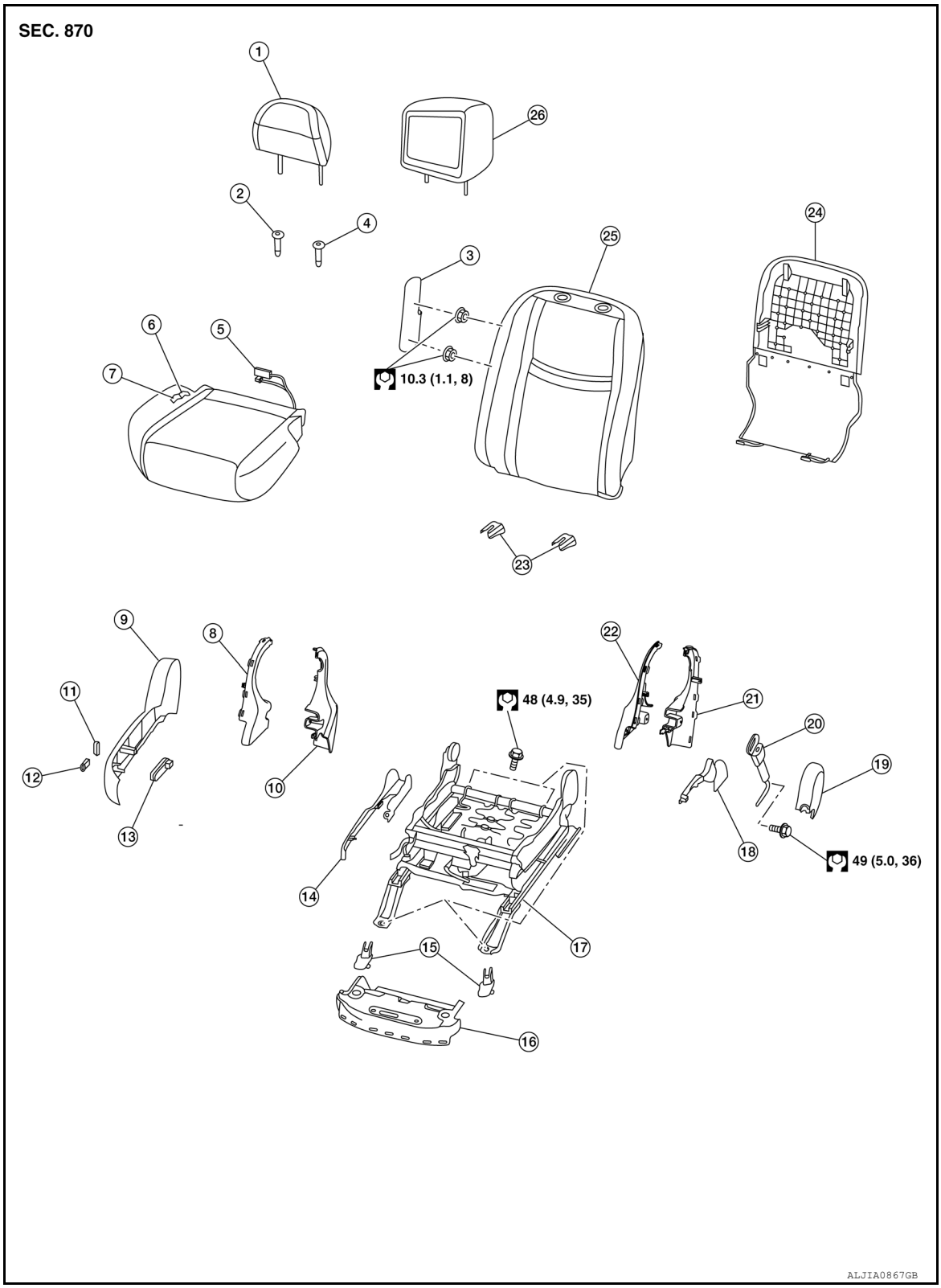
PASSENGER SEAT WITH CLIMATE CONTROL



1. Headrest with display
2. Headrest holder (free)
3. Headrest holder (locked)
4. Side air bag module
5. Seat cushion heater
6. Seat cushion trim
7. Seat cushion pad
8. Seat cushion inner finisher RH rear
9. Seat cushion outer finisher RH

10. Seat cushion inner finisher RH rear
11. Seat recline knob
12. Seat slide knob
13. Power seat switch
14. Seat cushion outer upper finisher RH
15. Front slide cover (LH/RH)
16. Seat frame extension
17. Seat frame assembly
18. Seat cushion outer upper finisher LH
19. Seat cushion outer finisher LH
20. Seat belt buckle
21. Seat cushion inner finisher LH rear
22. Seat cushion inner finisher LH rear
23. Rear slide cover (RH/LH)
24. Seatback board
25. Seatback assembly
26. Thermal electric device upper nozzle
27. Blower motor bracket
28. Thermal electric device harness bracket
29. Thermal electric device lower bracket
30. Thermal electric device lower nozzle
31. Thermal electric device lower
32. Lower blower duct
33. Blower motor with filter
34. Climate controlled seat control unit
35. Angle duct
36. Thermal electric device upper
37. Thermal electric device clip
38. Upper blower duct clip
39. Upper blower duct
40. Seat cushion lower rear finisher

PASSENGER SEAT WITHOUT CLIMATE CONTROL



1. Headrest without display
2. Headrest holder (free)
3. Side air bag module
4. Headrest holder (locked)
5. Seat cushion heater
6. Seat cushion trim
7. Seat cushion pad
8. Seat cushion inner finisher RH rear
9. Seat cushion outer finisher RH
10. Seat cushion inner finisher RH rear
11. Seat recline knob
12. Seat slide knob
13. Power seat switch
14. Seat cushion outer upper finisher RH
15. Front slide cover
16. Seat frame extension
17. Seat frame assembly
18. Seat cushion outer upper finisher LH

19. Seat cushion outer upper finisher LH
20. Seat belt buckle
21. Seat cushion inner finisher LH rear
22. Seat cushion inner finisher LH front
23. Rear slide cover (RH/LH)
24. Seatback board
25. Seatback assembly
26. Headrest with display

Removal and Installation

INFOID:0000000007913116

REMOVAL

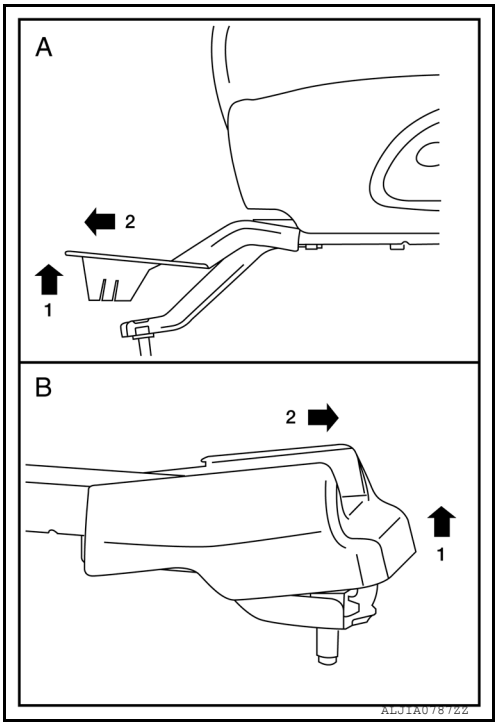
WARNING:

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:

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

1. Slide the seat to the rearmost position.
2. Disconnect the negative and positive battery terminals and wait at least three minutes. Refer to PG-92, "Removal and Installation".
3. Disconnect the harness connector from side air bag module. Refer to SR-20, "Removal and Installation".
4. Remove the front slide covers (A) by lifting up and then pulling forward, then remove front seat bolts.
5. Connect the negative and positive battery terminals, then slide the seat to the frontmost position.
6. Disconnect the negative and positive battery terminals and wait at least three minutes.
7. Remove the rear slide covers (B) by lifting up and then pulling rearward, then remove rear seat bolts.



8. Release the seat harness attachment clips, then disconnect the following harness connectors from the seat (if equipped):

Driver Side:
- Driver seat control unit (ADP)
- DVD monitor
- Power seat switch

Passenger Side:
- Occupant Detection
- DVD monitor

- Power seat switch

9. Remove the seat from the vehicle.

INSTALLATION

Installation is in the reverse order of removal.

WARNING:

- **Perform additional services when installing front passenger seat. Refer to SRC-42, "ADDITIONAL SERVICE WHEN REPLACING CONTROL UNIT : Description".**
- **Zero point reset must be performed every time the front passenger seat is removed from the vehicle.**
- **Zero point reset is done after the front passenger seat is installed in vehicle and all bolts are tightened to specification.**

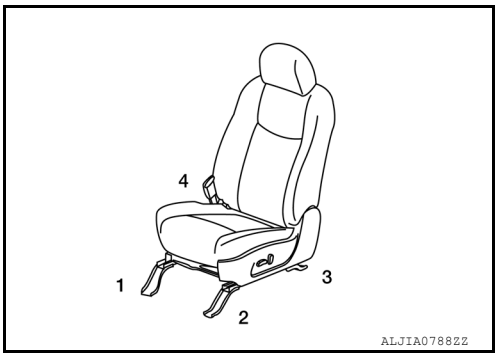
CAUTION:

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

NOTE:

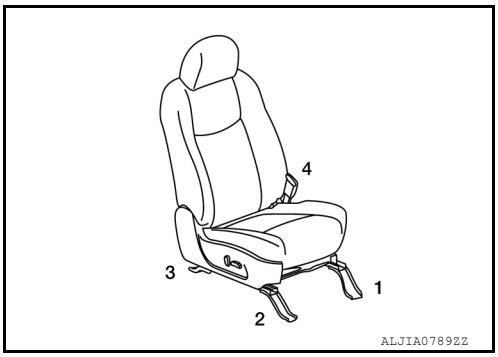
- When installing the LH front seat, tighten the bolts in the order shown.

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



- When installing the RH front seat, tighten the bolts in the order shown.

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

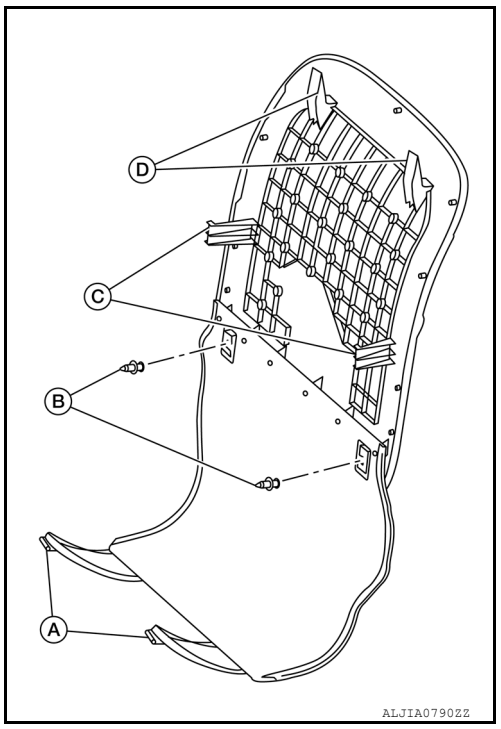


Seatback Board

INFOID:0000000008243043

REMOVAL

1. Release the two J-hooks (A) from the seat cushion frame.
2. Release the seatback board lower clips (B).
3. Reach behind the seatback board and press the center clips (C) inward and release from the seatback frame.
4. Pull the seatback board down releasing the upper clips (D) and remove.



INSTALLATION

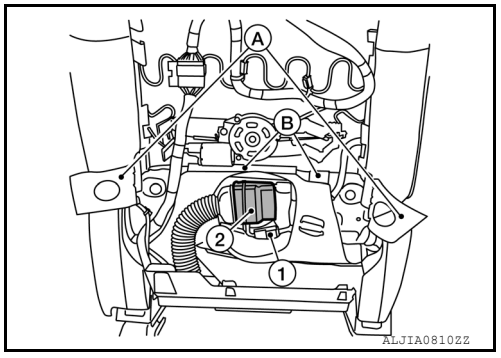
Installation is in the reverse order of removal.

Seatback Thermal Electric Device

INFOID:0000000008267105

REMOVAL

1. Remove the seatback board. Refer to SE-80, "Seatback Board".
2. Release the seatback lower hook and loop straps (A).
3. Release the seatback J-clips (B) holding the seatback trim to the seatback frame.
4. Disconnect the harness connector (1) from the thermal electric device upper.
5. Remove the tie straps and thermal electric device upper (2) from the upper blower duct and seatback frame.



INSTALLATION

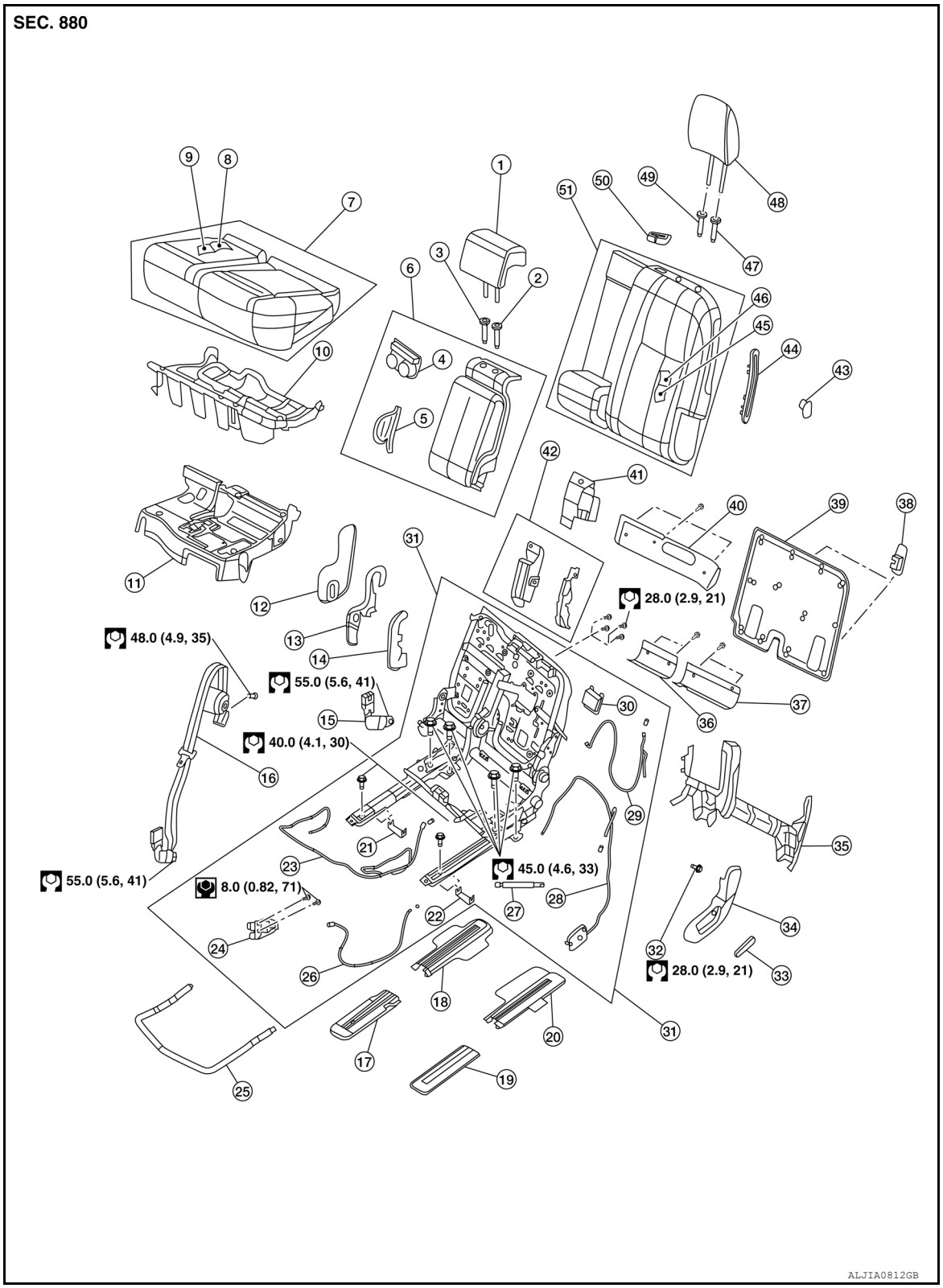
Installation is in the reverse order of removal.

SECOND ROW SEATS

Exploded View

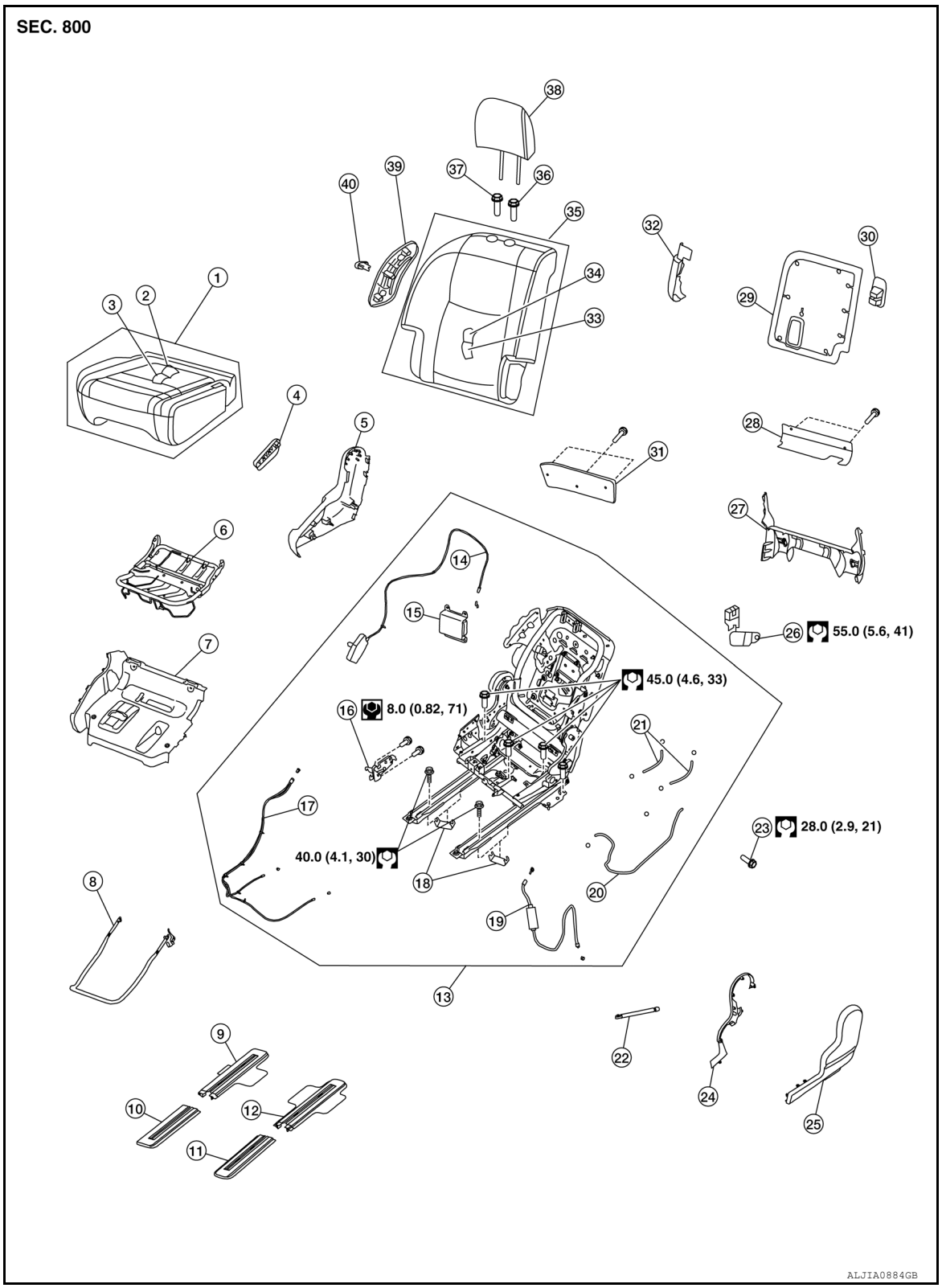
INFOID:0000000007913121

LH BENCH SEAT



1. Headrest RH
2. Headrest holder RH (free)
3. Headrest holder RH (locked)
4. Cup holder
5. Armrest hinge finisher
6. Armrest assembly
7. Seat cushion assembly
8. Seat cushion trim
9. Seat cushion pad
10 Seat cushion frame
11. Seat cushion latch finisher
12. Outer finisher RH
13. Inner finisher RH
14. Center recline finisher
15. Seat belt buckle RH
16. Seat belt retractor RH
17. Front slide cover RH
18. Rear slide cover RH
19. Front slide cover LH
20. Rear slide cover LH
21. seat slide clip RH
22. Seat slide clip LH
23. Seat slide release cable
24. Seat cushion latch
25. Seat slide control lever
26. Seat cushion release cable
27. Support strut
28. recline release cable assembly
29. EZ entry cable
30. Dampener
31. Seat frame assembly
32. Seat cushion pivot bolt
33. Recline lever
34. Seat cushion outer finisher LH
35. Rear finisher
36. Trim stiffener RH
37. Trim stiffener LH
38. Tether anchor cover
39. Seatback board
40. EPP upper panel
41. Seatbelt retractor finisher RH
42. Support finisher RH
43. EZ entry lever
44. EZ entry finisher
45. Seatback pad
46. Seatback trim
47. Headrest holder (locked)
48. Headrest LH
49. Headrest holder (free)
50. Seat belt retractor finisher
51. Seatback assembly

RH SEAT



1. Seat cushion assembly
2. Seat cushion trim
3. Seat cushion pad
4. Recline lever
5. Seat cushion side finisher
6. Seat cushion frame
7. Seat cushion latch finisher
8. Seat slide control lever
9. Rear slide cover RH
10. Front slide cover RH
11. Front slide cover LH
12. Rear slide cover LH
13. Seat frame assembly
14. Recline release cable assembly
15. Dampener
16. Seat cushion latch
17. Track tilt release cable
18. Seat slide clip

19. EZ entry cable
20. Seat cushion release cable
21. Seat slide release cable
22. Support strut
23. Seat cushion pivot bolt
24. Inner finisher LH
25. Outer finisher LH
26. Seat belt buckle
27. Rear finisher
28. Trim stiffener
29. Seatback board
30. Tether anchor cover
31. EPP upper panel
32. Support finisher
33. Seatback trim
34. Seatback pad
35. Seatback assembly
36. Headrest holder (locked)
37. Headrest holder (free)
38. Headrest
39. EZ entry finisher
40. EZ entry lever

Removal and Installation

INFOID:0000000007913122

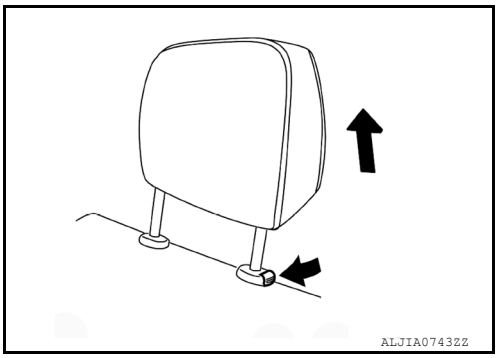
LH BENCH SEAT

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 the rear kicking plate (LH). Refer to INT-20, "KICKING PLATE : Removal and Installation - Rear Kicking Plate".
2. Press the headrest holder lock button in on each, then remove headrest LH and headrest RH.



3. Slide the seat to the frontmost position.
4. Remove rear slide covers (LH/RH).

a. Pull up on the rear edge to release pawls.
b. Then slide rearward to remove from seat track.

5. Place the rear cross brace over the track alignment holes, then insert the four LH threaded bolts through the brace into the track and tighten.
6. Slide the seat to rearmost position.
7. Remove front slide covers (LH/RH).

a. Pull up on the front edge to release pawls.
b. Then slide forward to remove from seat track.

8. Disconnect the harness connectors then release from front of seat.
9. Place the front cross brace over the track alignment holes, then insert the two LH threaded bolts through the brace into the track and tighten.
10. Remove the two bolts from the front of the seat track
11. Slide the seat forward, then remove the four rear seat bolts.
12. Fold the seatback down, then remove the seat from the vehicle.

Installation

Installation is in the reverse order of removal.

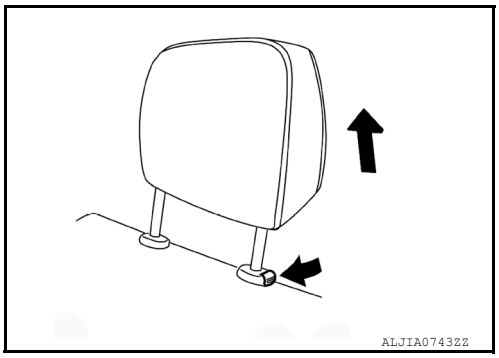
RH SEAT

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 the rear kicking plate (LH). Refer to INT-20, "KICKING PLATE : Removal and Installation - Rear Kicking Plate".
2. Press the headrest holder lock button in, then remove the headrest.



3. Slide the seat to the frontmost position.
4. Remove rear slide covers (LH/RH).

a. Pull up on the rear edge to release pawls.
b. Then slide rearward to remove from seat track.

5. Place the rear cross brace over the track alignment holes, then insert the four LH threaded bolts through the brace into the track and tighten.
6. Slide the seat to rearmost position.
7. Remove front slide covers (LH/RH).

a. Pull up on the front edge to release pawls.
b. Then slide forward to remove from seat track.

8. Disconnect the harness connector then release from front of seat.
9. Place the front cross brace over the track alignment holes, then insert the two LH threaded bolts through the brace into the track and tighten.
10. Remove the two bolts from the front of the seat track.
11. Slide the seat forward, then remove the four rear seat bolts.
12. Fold the seatback down, then remove the seat from the vehicle.

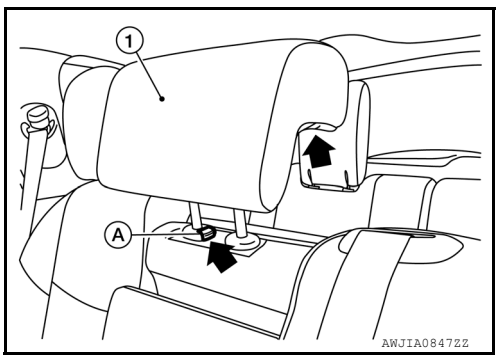
Installation
Installation is in the reverse order of removal.

Armrest Assembly

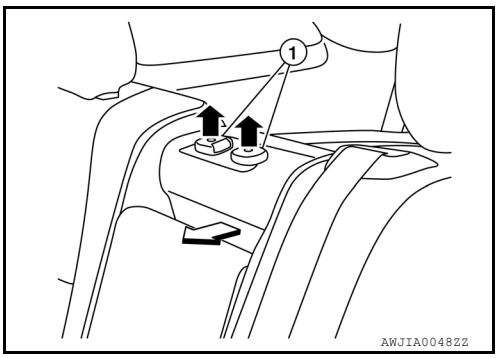
INFOID:0000000008360077

Removal

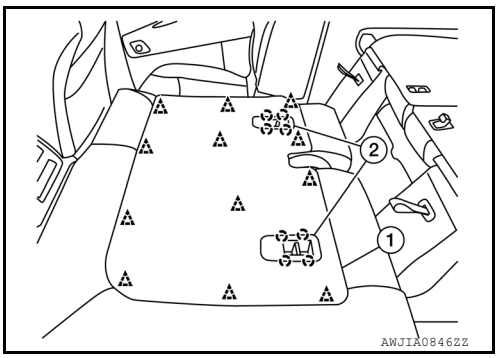
1. Press in the headrest holder button (A), then remove LH bench seat headrest RH (1).



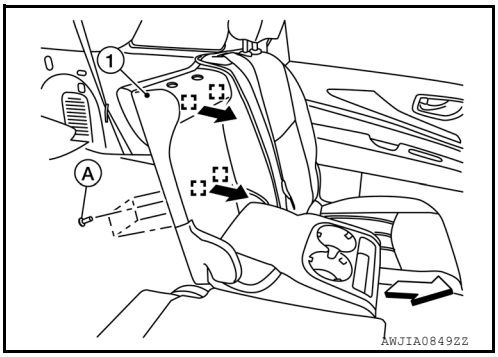
2. Remove both headrest holders (1).
⇦: Front
CAUTION:
Before removing headrest holder, check its orientation (front/rear and right/left).



3. Remove two tether anchor covers (2).
4. Remove seatback board (1).
△: Clip
◌: Pawl



5. Remove four armrest assembly bolts (A).
6. Remove armrest assembly (1) by pulling forward (⬅) to release clips.
⬚: Metal clip
⇦: Front



Installation

Installation is in the reverse order of removal.

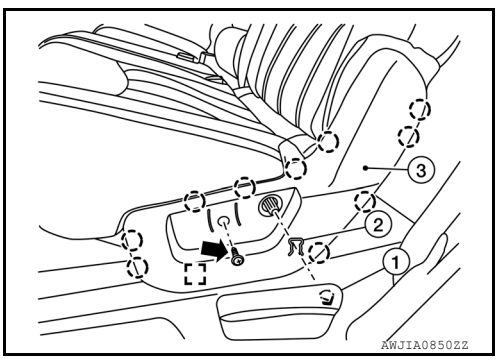
Seat Cushion

INFOID:0000000008368144

LH BENCH SEAT CUSHION

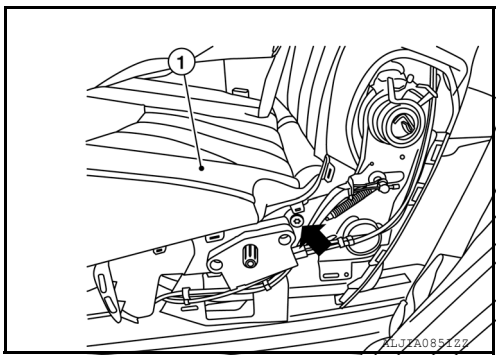
Removal

1. Remove recline lever.
a. Remove snap ring (2) upward using a suitable tool.
b. Remove recline lever (1).
2. Remove screw (⬅) and seat cushion outer finisher LH (3).
◌: Pawl
⬚: Metal clip



3. Pull seat belt buckles through bottom of LH bench seat cushion.

4. Disconnect the harness connectors from the LH bench seat cushion heater unit (if equipped) and release the harness from attachments.
   NOTE:
   Take note of harness routing and attachment location for accurate installation.
5. Remove the support strut at bottom.
6. Remove seat cushion pivot bolt (⬅) and LH bench seat cushion (1).

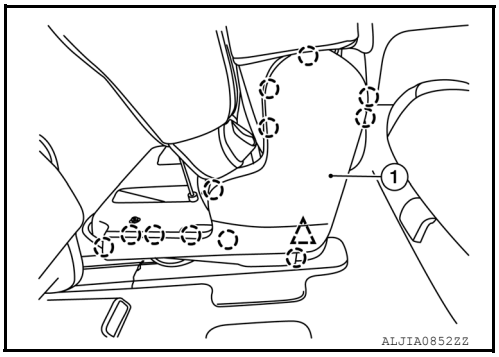


Installation
Installation is in the reverse order of removal.

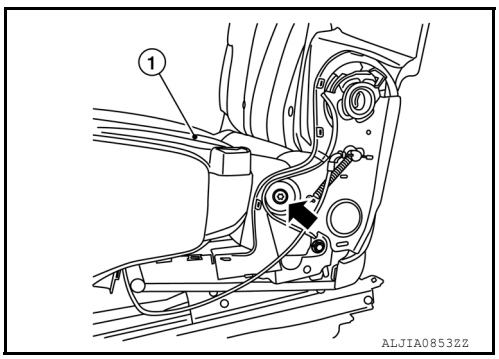
RH SEAT CUSHION

Removal

1. Remove outer finisher LH (1).
   ◌: Pawl
   △: Clip



2. Pull seat belt buckle through bottom of RH seat cushion.
3. Disconnect the harness connectors from the RH seat cushion heater unit (if equipped) and release the harness from attachments.
   NOTE:
   Take note of harness routing and attachment location for accurate installation.
4. Remove the support strut at bottom.
5. Remove seat cushion pivot bolt (⬅) and RH seat cushion (1).



Installation
Installation is in the reverse order of removal.

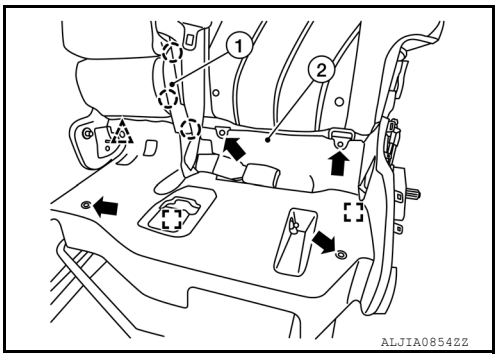
Seat Cushion Latch

INFOID:0000000008368170

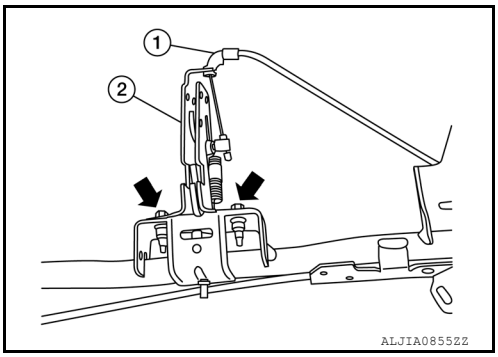
LH BENCH SEAT

Removal

1. Remove LH bench seat cushion. Refer to SE-87, "Seat Cushion".
2. Release center recline finisher (1) pawls.
   ◌: Pawl
3. Release clip.
   △: Clip
4. Remove screws (⬅) and lift seat cushion latch finisher (2) to remove.
   ⬚: Metal clip



5. Disconnect the seat cushion release cable (1) from the seat cushion latch (2).
6. Remove seat cushion latch bolts (⬅) and seat cushion latch (2).



Installation

Installation is in the reverse order of removal.

NOTE:

Latch may require adjustment.

RH SEAT

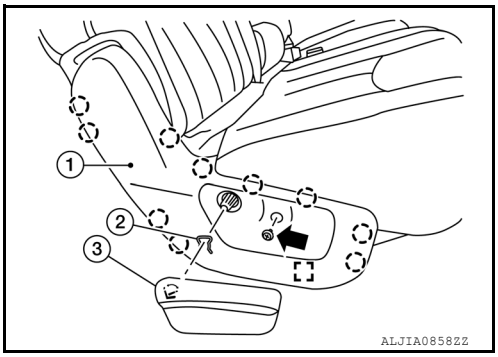
Removal

1. Remove RH bench seat cushion. Refer to SE-87, "Seat Cushion".
2. Remove recline lever.

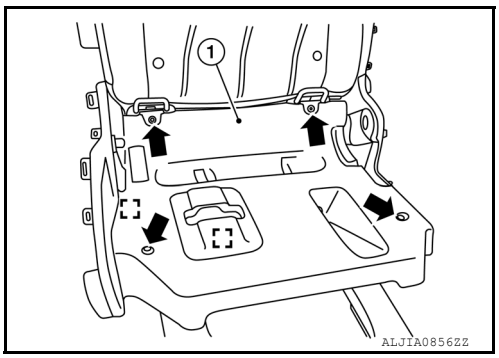
a. Remove snap ring (2) upward using a suitable tool.

b. Remove recline lever (3).

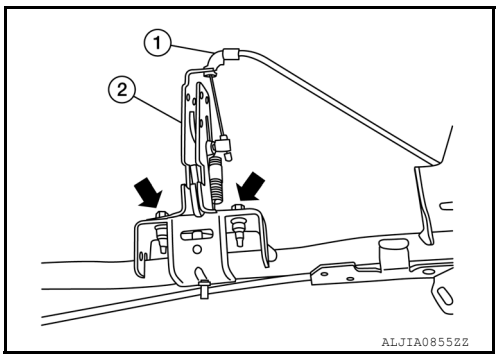
3. Remove screw (⬅) remove seat cushion side finisher (1).
   ◌: Pawl
   ⬚: Metal clip



4. Remove screws (⬅) and lift seat cushion latch finisher (1) to remove.
   : Metal clip



5. Disconnect the seat cushion release cable (1) from the seat cushion latch (2).
6. Remove seat cushion latch bolts (⬅) and seat cushion latch (2).



Installation
Installation is in the reverse order of removal.
NOTE:
Latch may require adjustment.

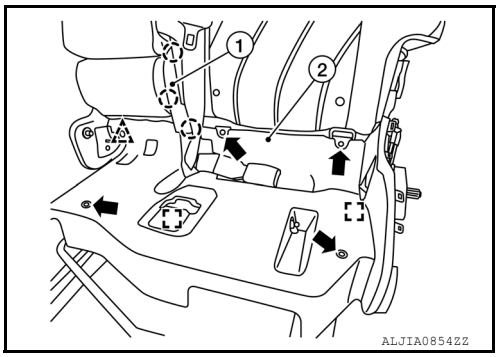
Seat Cushion Release Cable

INFOID:0000000008485050

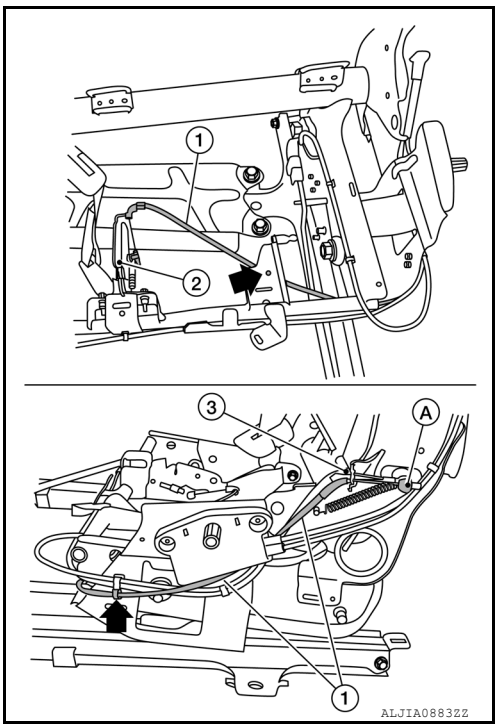
LH BENCH SEAT

Removal

1. Remove LH bench seat cushion. Refer to SE-87, "Seat Cushion".
2. Release center recline finisher (1) pawls.
   : Pawl
3. Release clip.
   : Clip
4. Remove screws (⬅) and lift seat cushion latch finisher (2) to remove.
   : Metal clip



5. Release (⬅) the seat cushion release cable (1) from the seat frame assembly (3).
   CAUTION:
   Note the cable routing for proper installation,
6. Remove the seat cushion release cable (1) from seat cushion latch (2).
7. Separate the seat cushion release cable (1) from the seat slide release cable (4).
8. Release cable end (A) and remove seat cushion release cable.

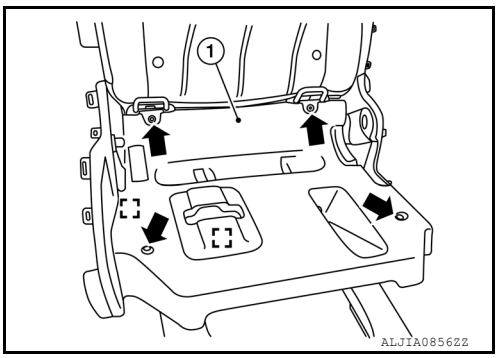


Installation
Installation is in reverse order of removal.
CAUTION:
Route cables correctly for proper function.

RH SEAT CUSHION

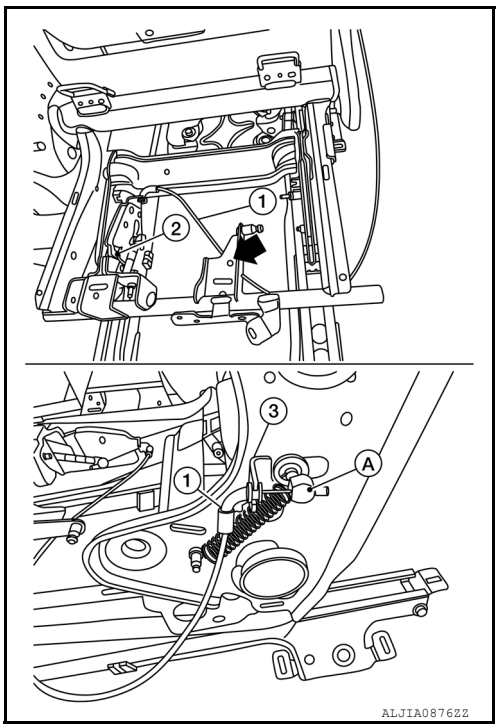
Removal

1. Remove RH seat cushion. Refer to SE-87, "Seat Cushion".
2. Remove screws (⬅) and lift seat cushion latch finisher (1) to remove.
   : Metal clip



3. Release (⬅) the seat cushion release cable (1) from the seat frame assembly (3).
CAUTION:
Note the cable routing for proper installation.

a. Remove the seat cushion release cable (1) from the seat cushion latch (2).
b. Separate the cushion release cable (1) from the seat frame assembly (3).
c. Release cable end (A) and remove seat cushion release cable (1).



Installation
Installation is in reverse order of removal.
CAUTION:
Route cables correctly for proper function.

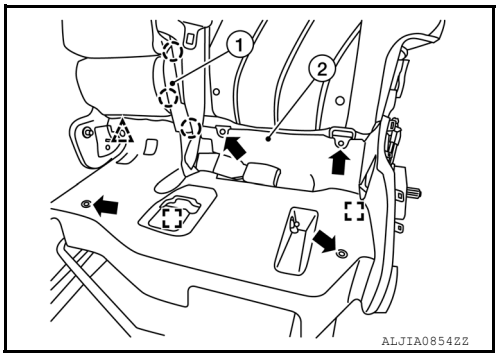
Seat Slide Release Cable

INFOID:0000000008478838

LH BENCH SEAT

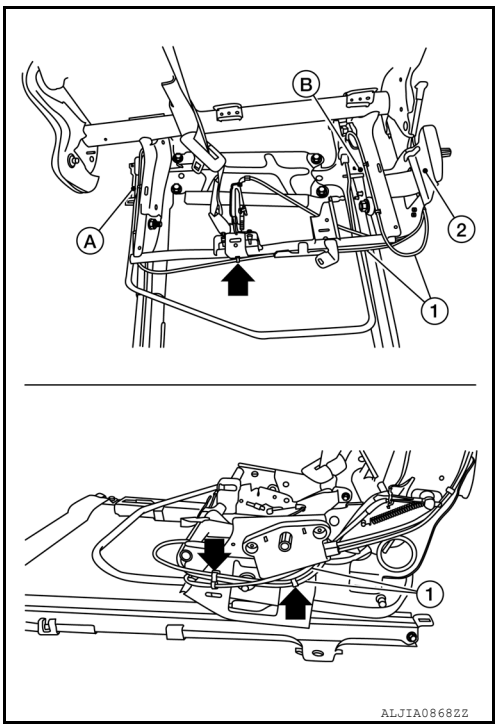
Removal

1. Remove LH bench seat cushion. Refer to SE-87, "Seat Cushion".
2. Release the center recline finisher (1) pawls.
   ◌: Pawl
3. Release clip.
   ⚠: Clip
4. Remove screws (⬅) and lift the seat cushion latch finisher (2) to remove.
   ⬚: Metal clip



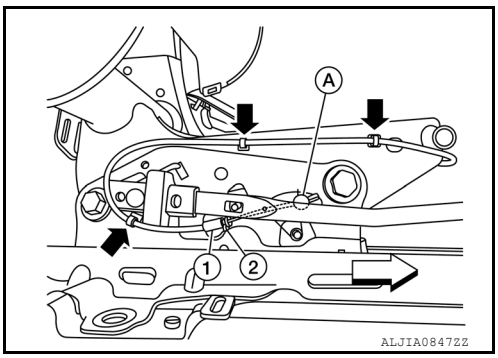
5. Remove the seat slide release cable (1) from both LH side (A) and RH side (B) of seat frame assembly (2)

a. Release (⬅) the seat slide release cable (1) from the seat frame assembly (2).
CAUTION:
Note the cable routing for proper installation.

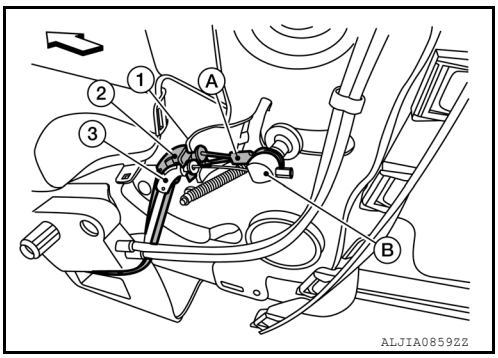


b. Release (⬅) the seat slide release cable (1).
c. Separate the seat slide release cable (1) from the seat frame assembly (2).
d. Release cable end (A).
- LH side shown, RH side similar.

⇦: Front



6. Separate the seat cushion latch release cable (3) from the seat slide release cable (2).
7. Release cable end (B) and position the seat cushion latch release cable (3) aside.
8. Separate the seat slide release cable (2) from the seat frame assembly (1).
9. Remove the seat slide release cable end (A) and the seat slide release cable.



Installation

Installation is in reverse order of removal.

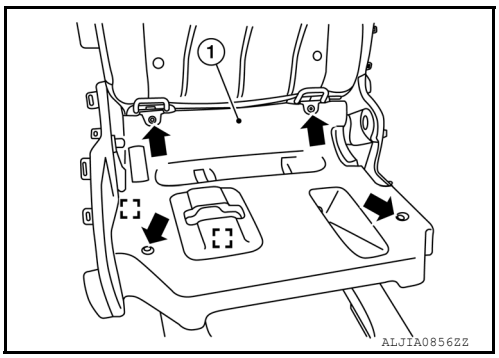
CAUTION:
Route cables correctly for proper function.

RH SEAT

Removal

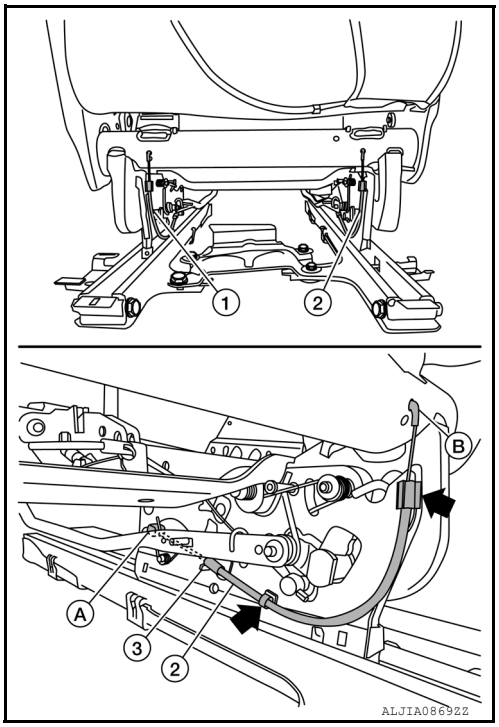
1. Remove RH seat cushion. Refer to SE-87, "Seat Cushion".

2. Remove screws (⬅) and lift seat cushion latch finisher (1) to remove.
   : Metal clip



3. Remove the rear finisher.
4. Remove the seat slide release cable (1) or (2) as necessary, from the seat frame assembly (3).

a. Release (⬅) the seat slide release cable (1).
b. Separate the seat slide release cable (1) from the seat frame assembly (3).
c. Release cable end (A) and remove the seat slide release cable (1)



Installation

Installation is in reverse order of removal.

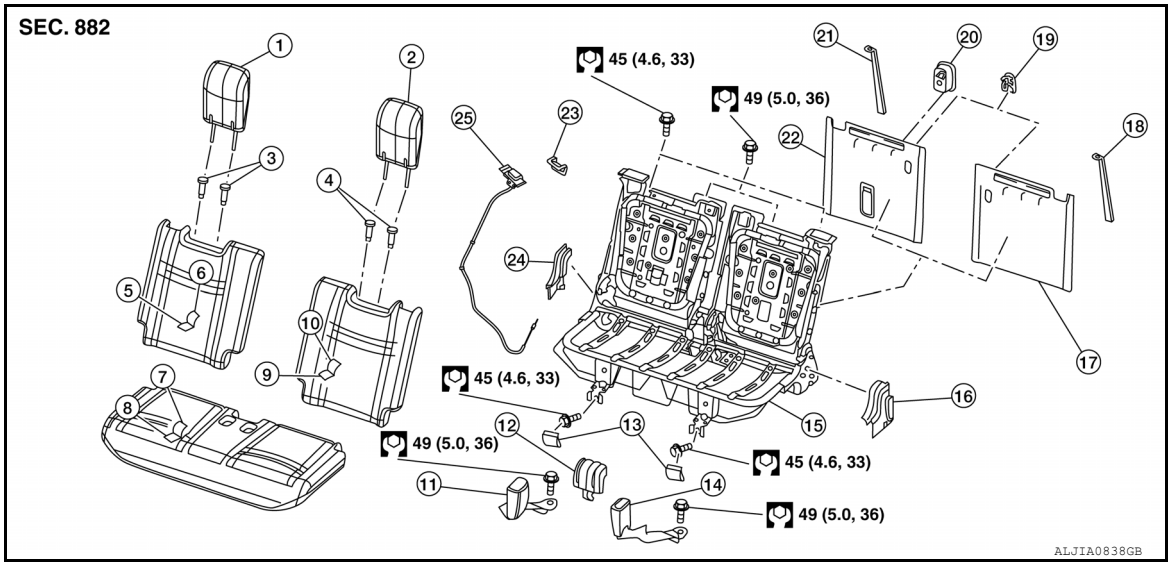
CAUTION:

Route cables correctly for proper function.

THIRD ROW SEATS

Exploded View

INFOID:0000000007913127



1. Headrest RH
2. Headrest LH
3. Headrest holders RH
4. Headrest holders LH
5. Seatback trim RH
6. Seatback pad RH
7. Seat cushion trim
8. Seat cushion pad
9. Seatback trim LH
10. Seatback pad LH
11. Seat belt buckle RH
12. Seat hinge center finisher
13. Seat bolt covers
14. Seat belt buckle LH
15. Third row seat frame
16. Seat hinge finisher LH
17. Seatback board LH
18. Seatback pull strap LH
19. Seatback cargo hooks
20. Top tether strap child restraint finisher
21. Seatback pull strap RH
22. Seatback board RH
23. Seatback release lever finisher
24. Seat hinge finisher RH
25. Seatback release lever and cable

Removal and Installation

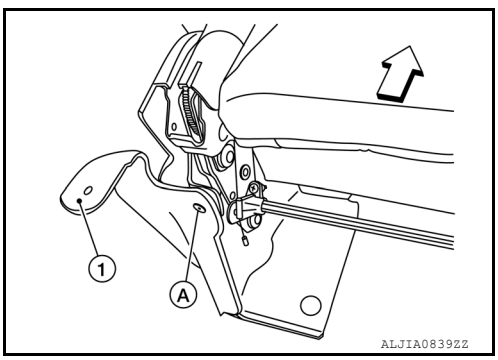
INFOID:0000000008349414

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.**

REMOVAL

1. Release the pawls and remove the seat bolt covers.
2. Remove the two seat bolts on the front side of the third row seats.
3. Pull the seatback release lever and fold down the RH seatback, then repeat for LH seatback.
4. Remove the storage box. Refer to INT-31, "STORAGE BOX : Removal and Installation".
5. Remove the four bolts, then remove the jack and jack bracket as an assembly.
6. Release the clip (A) and remove the rear side cover (1).
   LH side shown, RH side similar
   ⇦: Front



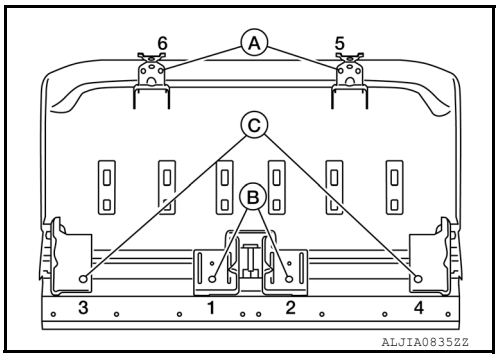
7. Remove the two seat belt buckle anchor bolts. Refer to SB-14, "Third Row Seat Belt".
8. Remove the two rear outer seat bolts on the rear side of the third seat.
9. Remove the third row seat from the vehicle.

INSTALLATION

Installation is in the reverse order of removal.

NOTE:

- When installing the third row seat, tighten the bolts in the order shown.



3rd row front seat bolt torque (A)	**: 45 Nm (4.6 kg-m, 33 lb-ft)**
3rd row seat belt buckle anchor bolt torque (B)	**: 49 Nm (5.0 kg-m, 36 lb-ft)**
3rd row rear outer seat bolt torque (C)	**: 45 Nm (4.6 kg-m, 33 lb-ft)**

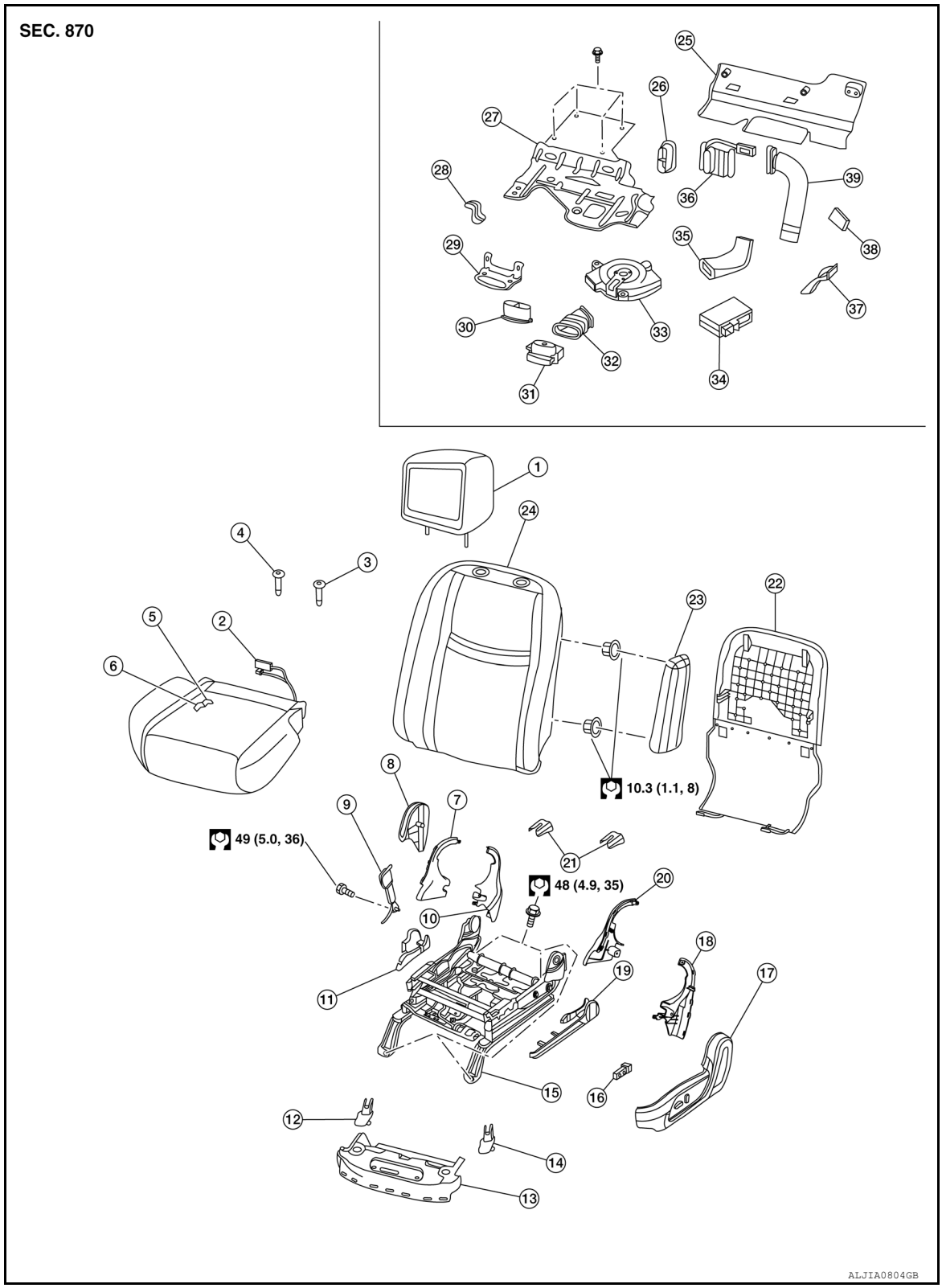
UNIT DISASSEMBLY AND ASSEMBLY

FRONT SEAT

Exploded View

INFOID:0000000008485037

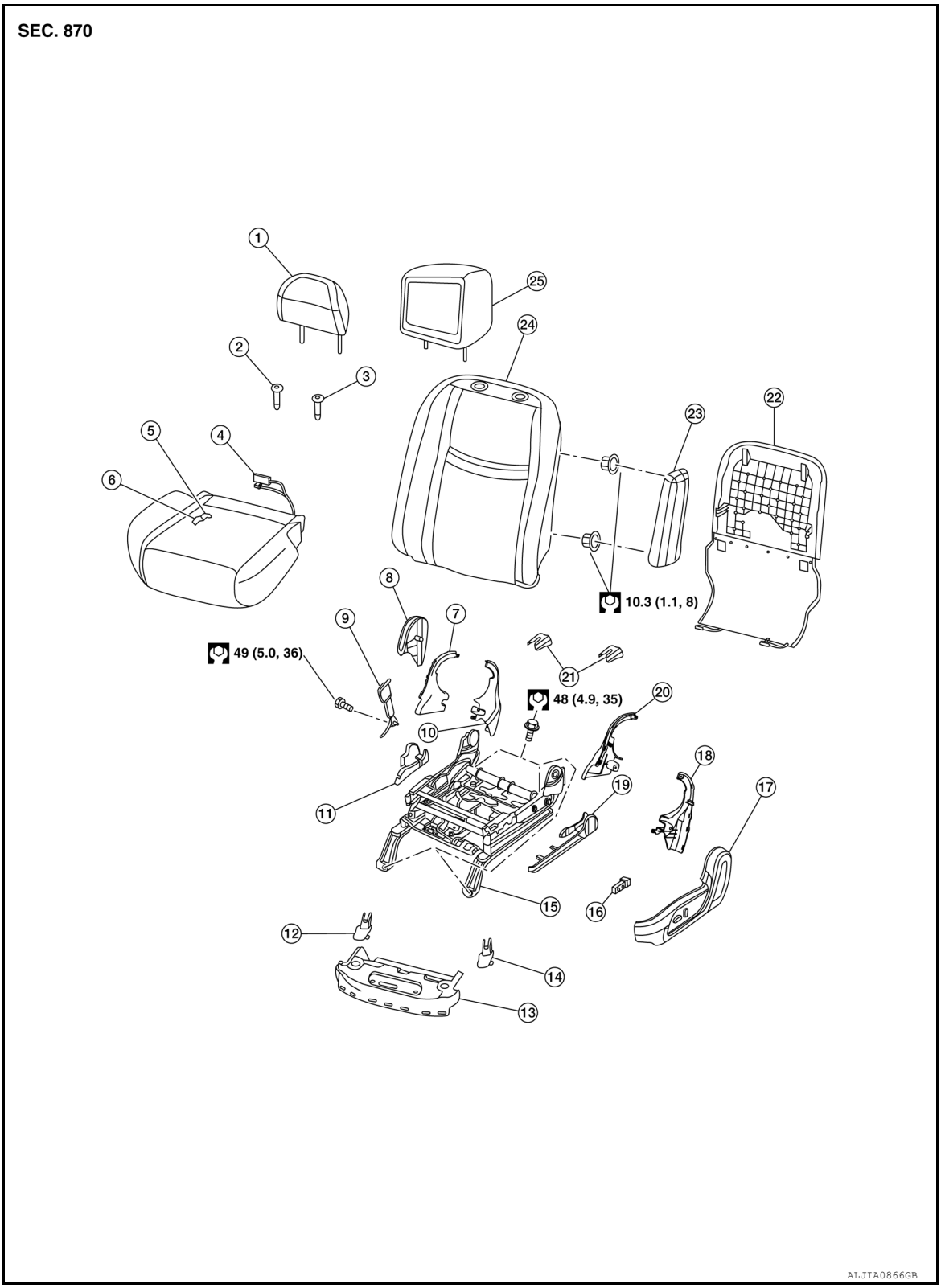
DRIVER SEAT WITH CLIMATE CONTROL



1. Headrest with display
2. Seat cushion heater
3. Headrest holder (locked)
4. Headrest holder (free)
5. Seat cushion trim
6. Seat cushion pad
7. Seat cushion outer finisher RH rear
8. Seat cushion outer finisher RH
9. Seat belt buckle
10. Seat cushion inner finisher RH rear
11. Seat cushion outer upper finisher RH
12. Front slide cover RH
13. Seat frame extension
14. Front slide cover LH
15. Seat frame assembly
16. Power seat switch
17. Seat cushion outer finisher LH
18. Seat cushion outer finisher LH rear
19. Seat cushion outer upper finisher LH
20. Seat cushion inner finisher LH rear
21. Rear slide cover (RH/LH)
22. Seatback board
23. Side air bag module
24. Seatback assembly
25. Seat cushion lower rear finisher
26. Thermal electric device upper nozzle
27. Blower motor bracket
28. Thermal electric device harness bracket
29. Thermal electric device lower bracket
30. Thermal electric device lower nozzle
31. Thermal electric device lower
32. Lower blower duct
33. Blower motor with filter
34. Climate controlled seat control unit
35. Angle duct
36. Thermal electric device upper
37. Thermal electric device clip
38. Upper blower duct clip
39. Upper blower duct

DRIVER SEAT WITHOUT CLIMATE CONTROL

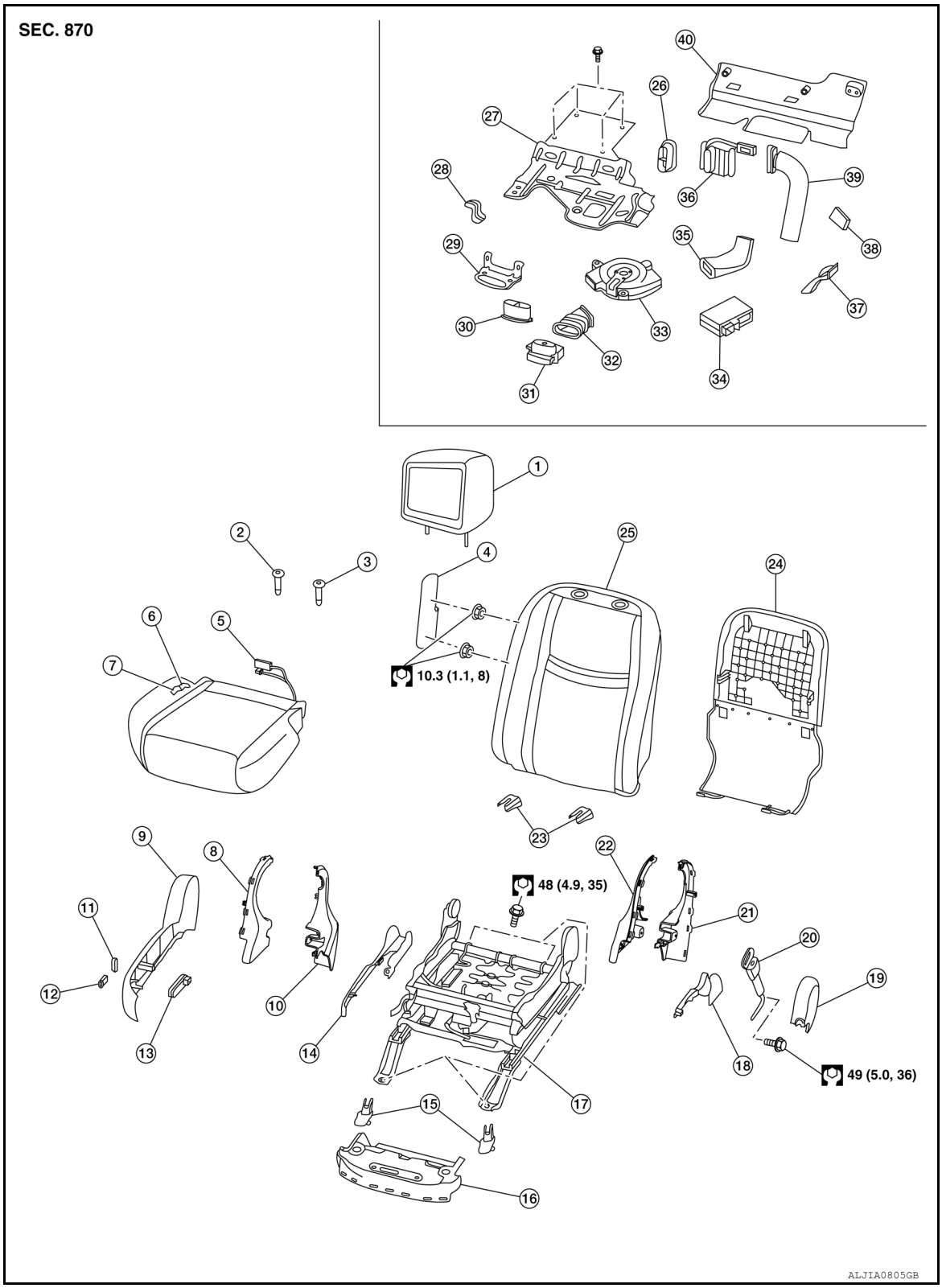
SEC. 870



1. Headrest without display
2. Headrest holder (free)
3. Headrest holder (locked)
4. Seat cushion heater
5. Seat cushion trim
6. Seat cushion pad
7. Seat cushion outer finisher RH rear
8. Seat cushion outer finisher RH
9. Seat belt buckle
10. Seat cushion inner finisher RH rear
11. Seat cushion outer upper finisher RH
12. Front slide cover RH
13. Seat frame extension
14. Front slide cover LH
15. Seat frame assembly
16. Power seat switch
17. Seat cushion outer finisher LH
18. Seat cushion outer finisher LH rear

19. Seat cushion outer upper finisher LH
20. Seat cushion inner finisher LH rear
21. Rear slide cover (RH/LH)
22. Seatback board
23. Side air bag module
24. Seatback assembly
25 Headrest with display

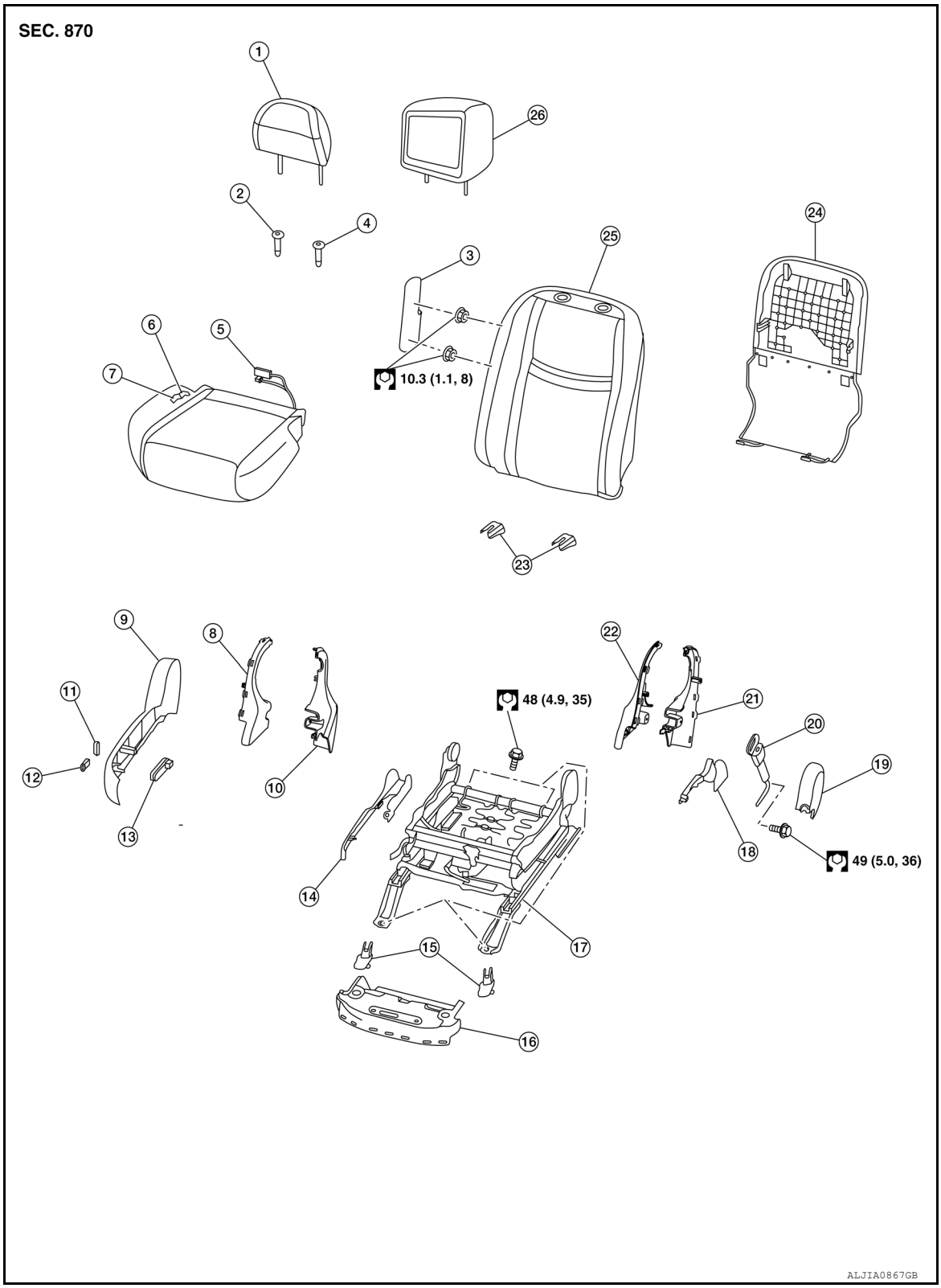
PASSENGER SEAT WITH CLIMATE CONTROL



1. Headrest with display
2. Headrest holder (free)
3. Headrest holder (locked)
4. Side air bag module
5. Seat cushion heater
6. Seat cushion trim
7. Seat cushion pad
8. Seat cushion inner finisher RH rear
9. Seat cushion outer finisher RH

10. Seat cushion inner finisher RH rear
11. Seat recline knob
12. Seat slide knob
13. Power seat switch
14. Seat cushion outer upper finisher RH
15. Front slide cover (LH/RH)
16. Seat frame extension
17. Seat frame assembly
18. Seat cushion outer upper finisher LH
19. Seat cushion outer finisher LH
20. Seat belt buckle
21. Seat cushion inner finisher LH rear
22. Seat cushion inner finisher LH rear
23. Rear slide cover (RH/LH)
24. Seatback board
25. Seatback assembly
26. Thermal electric device upper nozzle
27. Blower motor bracket
28. Thermal electric device harness bracket
29. Thermal electric device lower bracket
30. Thermal electric device lower nozzle
31. Thermal electric device lower
32. Lower blower duct
33. Blower motor with filter
34. Climate controlled seat control unit
35. Angle duct
36. Thermal electric device upper
37. Thermal electric device clip
38. Upper blower duct clip
39. Upper blower duct
40. Seat cushion lower rear finisher

PASSENGER SEAT WITHOUT CLIMATE CONTROL



1. Headrest without display
2. Headrest holder (free)
3. Side air bag module
4. Headrest holder (locked)
5. Seat cushion heater
6. Seat cushion trim
7. Seat cushion pad
8. Seat cushion inner finisher RH rear
9. Seat cushion outer finisher RH
10. Seat cushion inner finisher RH rear
11. Seat recline knob
12. Seat slide knob
13. Power seat switch
14. Seat cushion outer upper finisher RH
15. Front slide cover
16. Seat frame extension
17. Seat frame assembly
18. Seat cushion outer upper finisher LH

19. Seat cushion outer upper finisher LH
20. Seat belt buckle
21. Seat cushion inner finisher LH rear
22. Seat cushion inner finisher LH front
23. Rear slide cover (RH/LH)
24. Seatback board
25. Seatback assembly
26. Headrest with display

Disassembly and Assembly

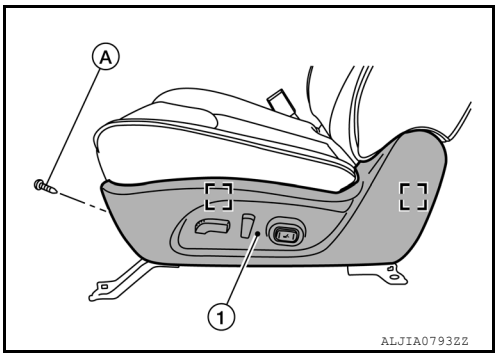
INFOID:0000000008243066

SEAT CUSHION

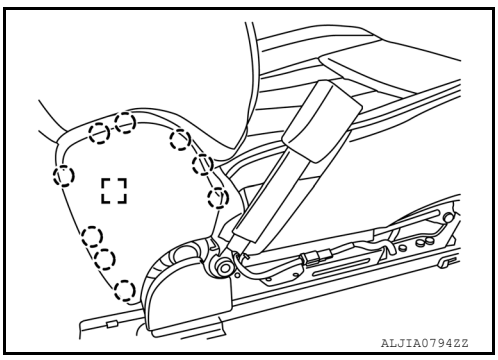
Disassembly

1. Remove the front seat. Refer to SE-79, "Removal and Installation".
2. Remove the seat cushion outer finisher LH (1).

a. Remove the screw (A) behind the front edge.
b. Release the two metal clips and the pawls.
: Metal clip
c. Disconnect the harness connectors from power seat and power lumbar switches (if equipped).



3. Release the metal clip and remove the seat cushion outer finisher RH.
: Pawl
: Metal clip



4. Release the two seatback board J-clip retainers from the seat frame assembly.
5. Remove the four screws and the seat cushion lower rear finisher.
6. Release the seven seat cushion J-clips holding the seat cushion trim to the seat frame assembly.
7. Remove the seat cushion trim and seat cushion pad as an assembly from the seat frame assembly.
8. Remove the hog rings and separate the seat cushion trim and seat cushion pad.

NOTE:
• Remove all pieces of hog rings and discard them.

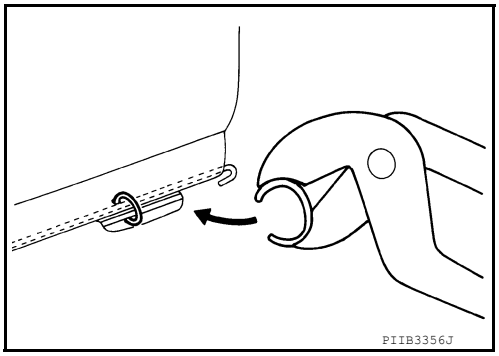
Assembly

Assembly is in the reverse order of disassembly.

CAUTION:
• Make sure hog rings are correctly fastened around both the seat trim and pad wires.
• Replace any deformed or damaged hog rings.
• Make sure any old hog ring pieces are removed from seat.

NOTE:

- Install new hog rings on the seat cushion trim in original positions.
- Use only one hog ring in each designated location.
- Be sure hook fastener is pressed into place after seatback trim is assembled.



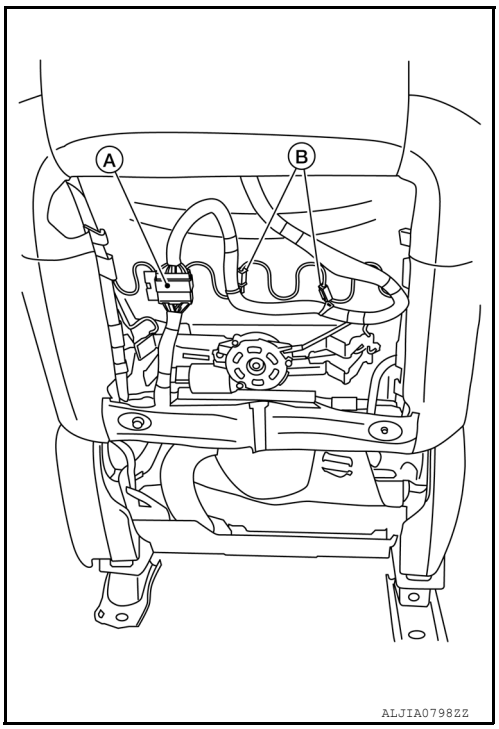
SEATBACK CUSHION

Disassembly

1. Remove front seat. Refer to SE-79, "Removal and Installation".
2. Remove the seatback board. Refer to SE-80, "Seatback Board".
3. Remove the headrest.

For standard headrest:
- Press the headrest holder lock button, then pull up to remove standard headrest from the seatback.

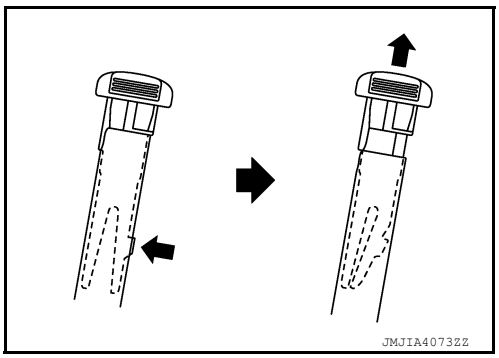
For DVD headrest:
1. Press the DVD headrest holder lock button, then pull up to remove DVD headrest from the seatback.
2. Release the DVD headrest harness clips (A) and disconnect the DVD headrest harness connector (B).
3. Route the DVD headrest harness through the top of the seatback and the center DVD headrest escutcheon, then remove DVD headrest from seatback.
4. Release the pawls and remove the DVD headrest center escutcheon.



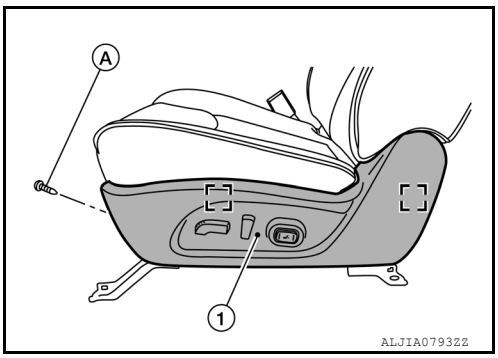
4. Release the headrest holder locks as shown and remove the headrest holders.

CAUTION:

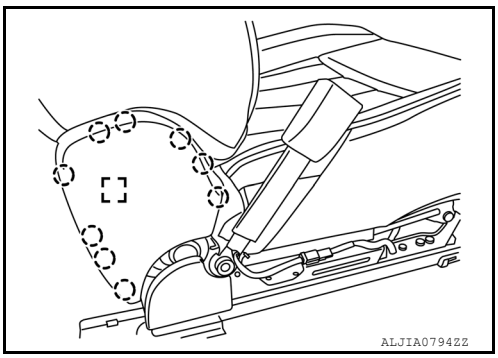
Before installing headrest holder, check its orientation (front/rear and right/left).



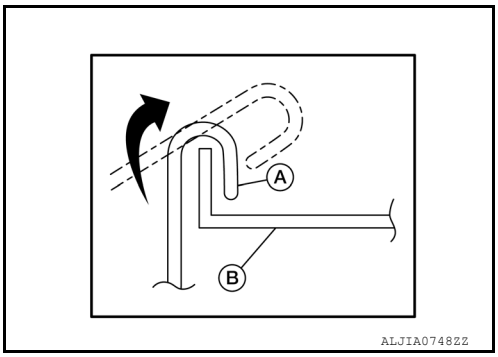
5. Remove the seat cushion outer finisher LH (1).
a. Remove the screw (A) behind the front edge.
b. Release the two metal clips and the pawls.
: Metal clip
c. Disconnect the harness connectors from power seat and power lumbar switches (if equipped).



6. Release the metal clip and remove the seat cushion inner finisher RH.
: Pawl
: Metal clip



7. Release the seatback board lower hook and loop strap.
8. Release the eleven seatback J-clips (A) holding the seatback trim to the seat frame assembly (B).

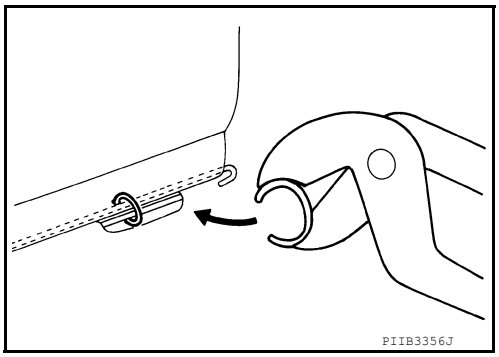


9. Release the side air bag module harness clips.
10. Remove and discard the two side air bag module nuts.
CAUTION:
Do not reuse the side air bag module nuts.
NOTE:
The side air bag module is in the side air bag chute. For side air bag module removal, refer to SR-20, "Removal and Installation".
11. Remove the seatback cushion trim and seatback pad as an assembly.
12. Separate the seatback cushion trim from the seatback pad.
a. Pull seatback cushion trim upward to release the hook and loop fastener.
b. Remove the center hog rings.
c. Pull the seatback cushion trim up on the RH side and remove the hog rings.
d. Pull the seat cushion trim up on the LH side and remove the hog rings.
e. Remove the hog rings along seatback cushion trim top.
13. Disconnect the harness connector from the thermal electric device upper (if equipped), then remove the tie straps and the thermal electric device upper from the upper blower duct.
14. Remove the upper blower duct tie straps from the seat frame assembly and discard, then remove the upper blower duct from the blower motor (if equipped).
NOTE:
Do not reuse the tie straps for thermal electric device upper or upper blower duct, discard them.

Assembly

Assembly is in the reverse order of disassembly.

- Install new hog rings on seatback cushion trim in the original position.



- For side air bag module installation, refer to SR-20, "Removal and Installation".
- For thermal electric device (if equipped) removal and installation, refer to SE-81, "Seatback Thermal Electric Device"

CAUTION:

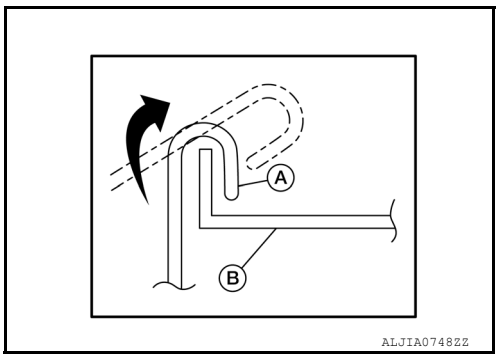
- **If a malfunction was detected by the air bag warning lamp after repair or replacement of the malfunction parts, reset the memory using self-diagnosis or CONSULT.**
- **After work is completed, check that no system malfunction is detected by air bag warning lamp.**
- **Always install new side air bag module nuts.**
- **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.**
- **Smooth out all wrinkles during assembly.**
- **Inspect seatback pad, seatback trim and seatback air bag module chute. Replace if damaged.**
- **Replace any deformed or damaged parts.**
- **Do not reuse hog rings. Make sure any old hog ring pieces are removed from the seat.**
- **Use only one hog ring in each designated location.**
- **Make sure hog rings are correctly fastened around both the seatback trim and pad wires.**

Side Air Bag Module

INFOID:0000000008267103

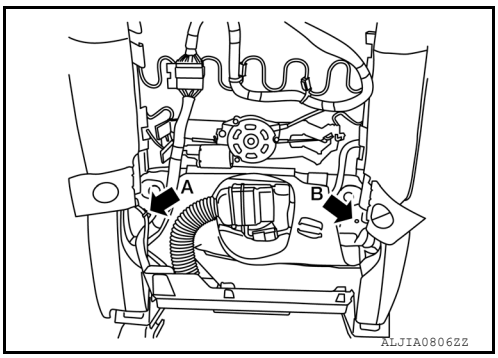
REMOVAL

1. Remove the front seat. Refer to SE-79, "Removal and Installation".
2. Remove the seatback board. Refer to SE-80, "Seatback Board".
3. Release the lower hook and loop strap across the lower edge of the seatback cushion.
4. Release the seatback J-clips (A) holding the seat trim to the seatback frame (B).



5. Release the side air bag module harness clips.

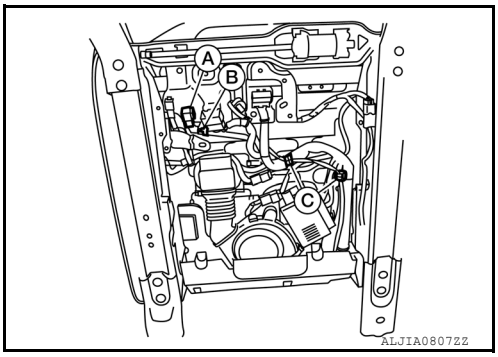
a. Disengage the upper side air bag module harness clip in area (A) for LH seat, or in areas (A) and (B) for RH seat.



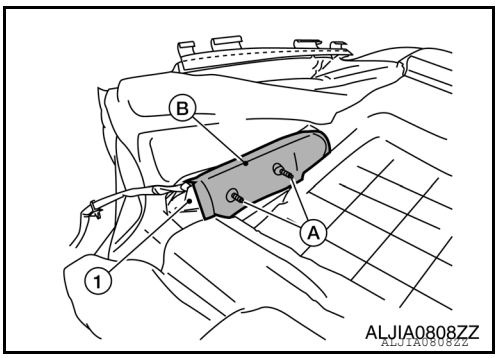
b. Release the hook and loop fastener at the back edge of the seat cushion.

c. Release the side air bag module harness connector clip (A) and the harness clip (B) from the seat frame assembly.

d. Route the harness through the cable clamps (C) and release the side air bag module harness from the seat frame assembly.



6. Remove and discard the two side air bag module nuts.
   CAUTION:
   Do not reuse the side air bag module nuts.
7. Disconnect the harness connector from the thermal electric device upper (if equipped).
8. Disengage the side air bag module studs from the seatback frame and lift the seatback cushion trim and seatback pad as an assembly to remove from the seatback frame.
9. Peel open the seatback cushion and release the side air bag module studs (A) protruding through holes in the chute (B).
10. Pull the side air bag module (1) out of the chute (B) and remove from the seatback cushion.
11. Remove the plastic cover panel from the seatback cushion trim inside pocket.



INSTALLATION

Installation is in the reverse order of removal.

Side air bag module nuts :10.3 N·m (1.1, 8)

- Insert plastic cover panel fully into the seatback cushion trim inside pocket.
  NOTE:
  Make sure the contour of plastic cover panel corresponds to contour of seatback cushion trim.

CAUTION:

- **If a malfunction was detected by the air bag warning lamp after repair or replacement of the malfunction parts, reset the memory using self-diagnosis or CONSULT.**
- **After work is completed, check that no system malfunction is detected by air bag warning lamp.**
- **Always install new side air bag module nuts.**
- **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.**
- **Smooth out all wrinkles during assembly.**
- **Inspect seatback pad, seatback trim and seatback air bag module chute. Replace if damaged.**

- **Replace any deformed or damaged parts.**
- **Do not reuse hog rings. Make sure any old hog ring pieces are removed from the seat.**
- **Use only one hog ring in each designated location.**
- **Make sure hog rings are correctly fastened around both the seatback trim and pad wires.**

Blower Motor

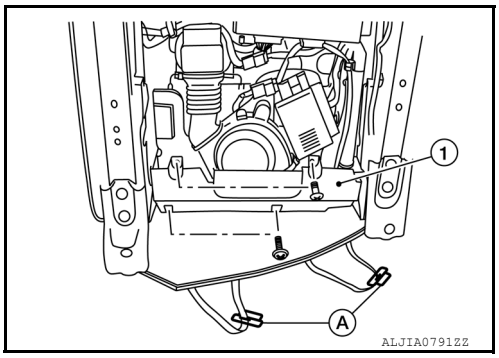
INFOID:0000000008267104

REMOVAL

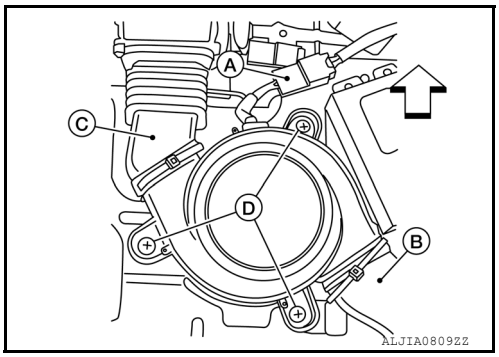
CAUTION:

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

1. Remove the front seat. Refer to SE-79, "Removal and Installation".
2. Release the J-hooks (A) from the seat frame assembly.
3. Remove the four screws and the seat cushion lower rear finisher (1) from the seat frame assembly.



4. Disconnect the harness connector (A) from the blower motor.
   ⇦: Front
5. Remove the tie straps and discard, then remove the angle duct (B) and lower blower duct (C) from the blower motor.
6. Remove the screws (D) and remove the blower motor.



INSTALLATION

Installation is in the reverse order of removal.

NOTE:

Do not reuse tie straps, new tie straps must be used to install blower ducts to blower motor.

Blower Motor Filter

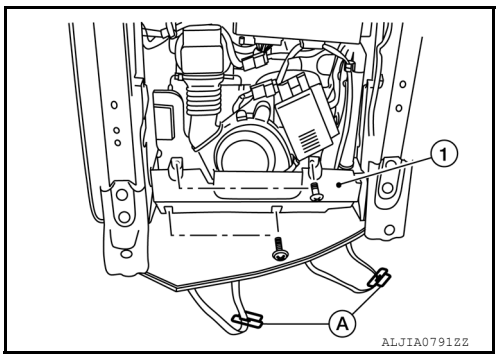
INFOID:0000000008243044

REMOVAL

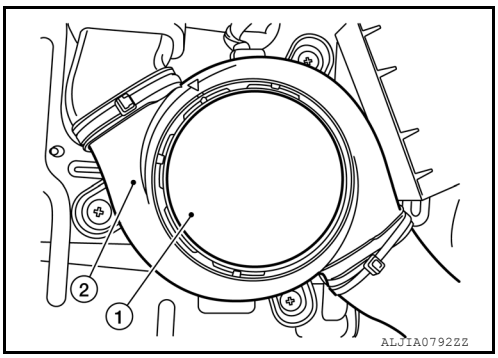
CAUTION:

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

1. Remove the front seat. Refer to SE-79, "Removal and Installation".
2. Release the J-hooks (A) from the seat frame assembly.
3. Remove the four screws and the seat cushion lower rear finisher (1) from the seat frame assembly.



4. Rotate the climate controlled blower motor filter (1) counter clockwise and remove it from the blower motor (2).

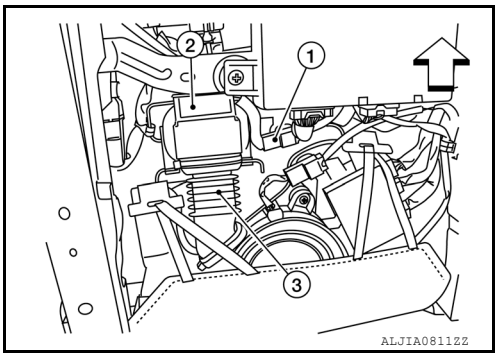


Thermal Electric Device Lower

INFOID:0000000008349420

REMOVAL

1. Remove the front seat. Refer to SE-79, "Removal and Installation".
2. Remove the tie strap and lower blower duct (3) from the thermal electric device lower (2).
   ⇦: Front
3. Disconnect the harness connector from the thermal electric device lower (1).
4. Release the retaining clip and remove the thermal electric device lower (2) from the seat frame assembly.



INSTALLATION

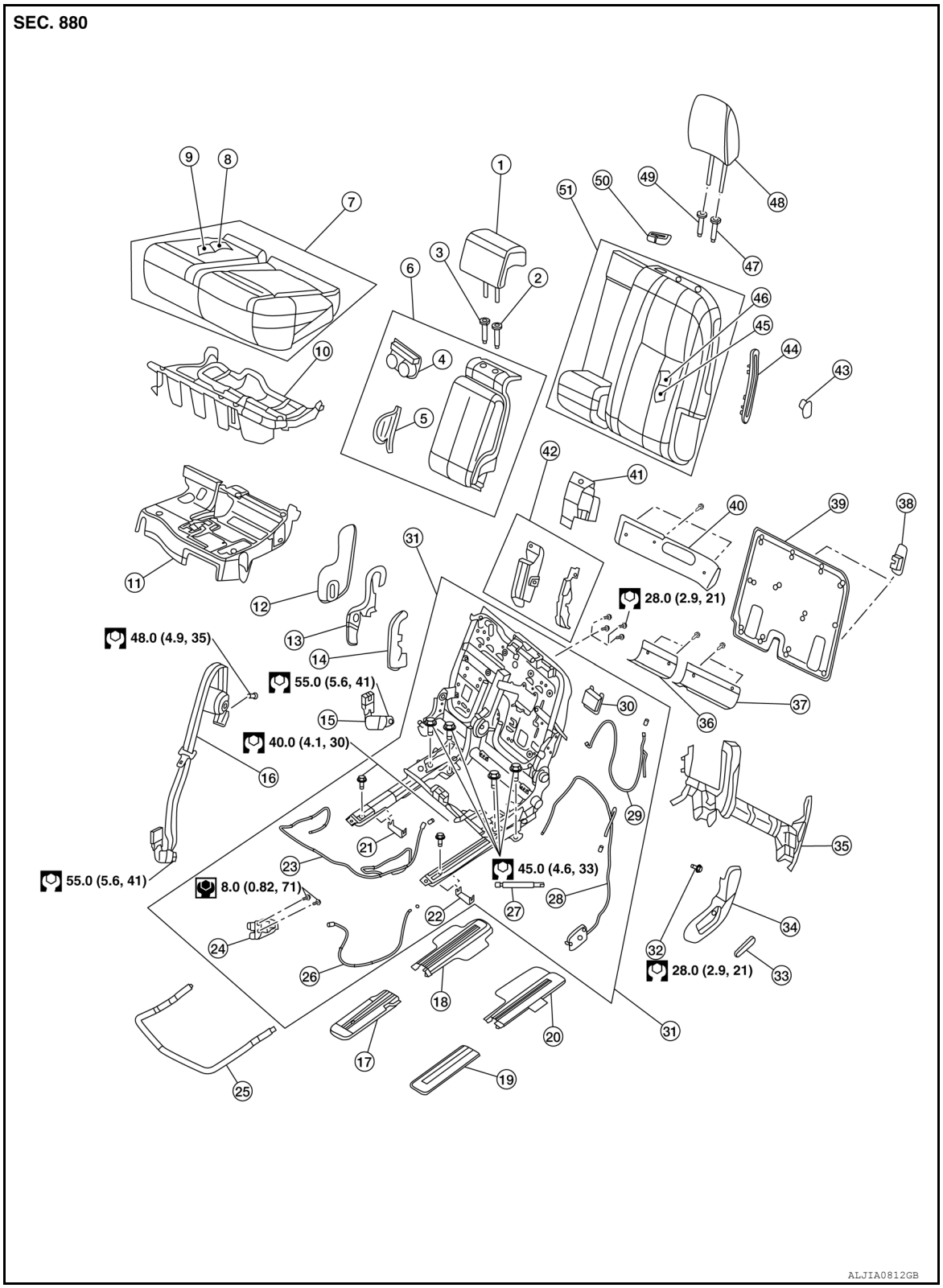
Installation is in the reverse order of removal.

SECOND ROW SEATS

Exploded View

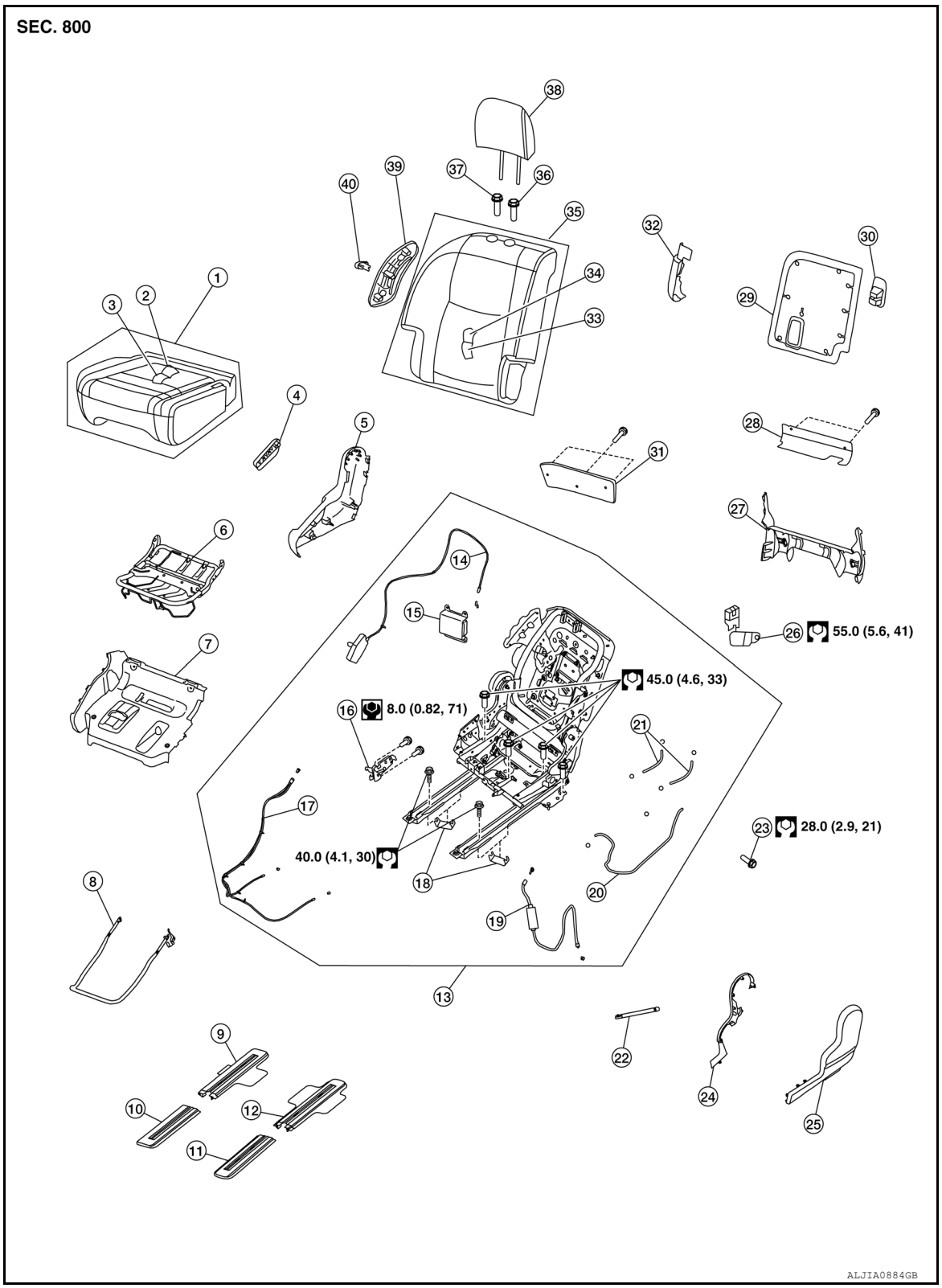
INFOID:0000000008487531

LH BENCH SEAT



1. Headrest RH
2. Headrest holder RH (free)
3. Headrest holder RH (locked)
4. Cup holder
5. Armrest hinge finisher
6. Armrest assembly
7. Seat cushion assembly
8. Seat cushion trim
9. Seat cushion pad
10 Seat cushion frame
11. Seat cushion latch finisher
12. Outer finisher RH
13. Inner finisher RH
14. Center recline finisher
15. Seat belt buckle RH
16. Seat belt retractor RH
17. Front slide cover RH
18. Rear slide cover RH
19. Front slide cover LH
20. Rear slide cover LH
21. seat slide clip RH
22. Seat slide clip LH
23. Seat slide release cable
24. Seat cushion latch
25. Seat slide control lever
26. Seat cushion release cable
27. Support strut
28. recline release cable assembly
29. EZ entry cable
30. Dampener
31. Seat frame assembly
32. Seat cushion pivot bolt
33. Recline lever
34. Seat cushion outer finisher LH
35. Rear finisher
36. Trim stiffener RH
37. Trim stiffener LH
38. Tether anchor cover
39. Seatback board
40. EPP upper panel
41. Seatbelt retractor finisher RH
42. Support finisher RH
43. EZ entry lever
44. EZ entry finisher
45. Seatback pad
46. Seatback trim
47. Headrest holder (locked)
48. Headrest LH
49. Headrest holder (free)
50. Seat belt retractor finisher
51. Seatback assembly

RH SEAT



1. Seat cushion assembly
2. Seat cushion trim
3. Seat cushion pad
4. Recline lever
5. Seat cushion side finisher
6. Seat cushion frame
7. Seat cushion latch finisher
8. Seat slide control lever
9. Rear slide cover RH
10. Front slide cover RH
11. Front slide cover LH
12. Rear slide cover LH
13. Seat frame assembly
14. Recline release cable assembly
15. Dampener
16. Seat cushion latch
17. Track tilt release cable
18. Seat slide clip

19. EZ entry cable
20. Seat cushion release cable
21. Seat slide release cable
22. Support strut
23. Seat cushion pivot bolt
24. Inner finisher LH
25. Outer finisher LH
26. Seat belt buckle
27. Rear finisher
28. Trim stiffener
29. Seatback board
30. Tether anchor cover
31. EPP upper panel
32. Support finisher
33. Seatback trim
34. Seatback pad
35. Seatback assembly
36. Headrest holder (locked)
37. Headrest holder (free)
38. Headrest
39. EZ entry finisher
40. EZ entry lever

Disassembly and Assembly

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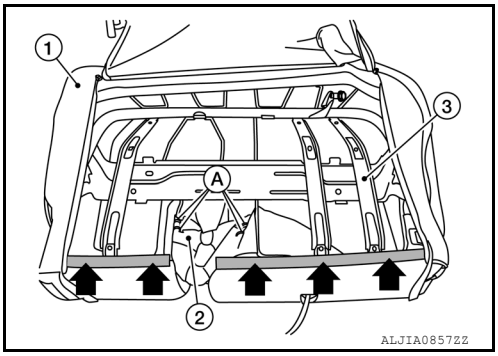
LH BENCH SEAT CUSHION

Disassembly

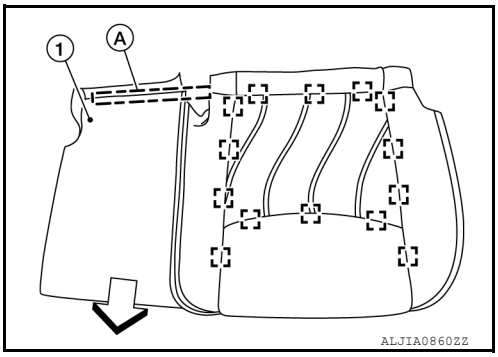
1. Remove the LH bench seat cushion. Refer to SE-87, "Seat Cushion".
2. Remove support strut from the LH bench seat cushion.
3. Remove the seat cushion assembly from the seat cushion frame.

a. Unzip the back trim cover and release the J-clip retainers (⬅).
b. Remove four hog rings (A) near seat belt opening, to release seat cushion trim (2).
NOTE:
• Remove all pieces of hog rings and discard them.
c. Carefully remove the seat cushion assembly (1) from the seat cushion frame (3).



4. Separate the seat cushion trim from the seat cushion pad.

a. Pull seat cushion trim (1) up at rear to release hook fastener (A).
⇦: Front
b. Remove hog rings and separate the seat cushion trim (1) from the seat cushion pad.
⬚: Hog ring
NOTE:
• Remove all pieces of hog rings and discard them.



c. Route the seat cushion heater unit harness (if equipped) through the opening in the seat cushion trim.

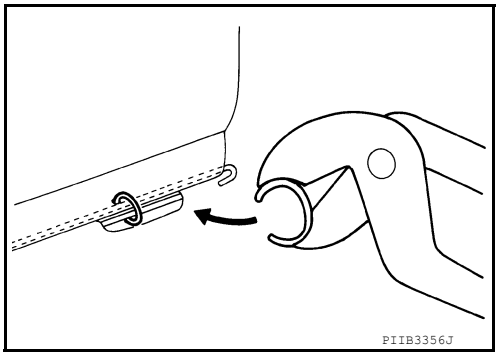
Assembly

Assembly is in the reverse order of disassembly.

CAUTION:
- **Make sure hog rings are correctly fastened around both the seat cushion trim and seat cushion pad wires.**
- **Replace any deformed or damaged hog rings.**
- **Make sure any old hog ring pieces are removed from seat.**

NOTE:

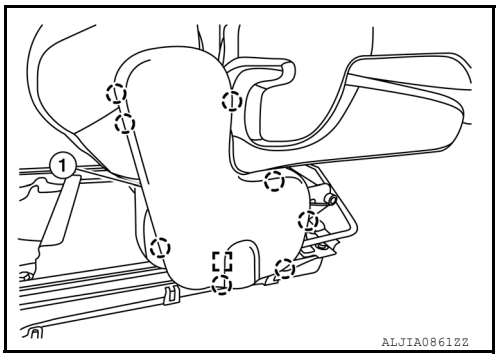
- Install new hog rings on the seat cushion trim in original positions.
- Use only one hog ring in each designated location.
- Be sure hook fastener is pressed into place after seat cushion trim is assembled.



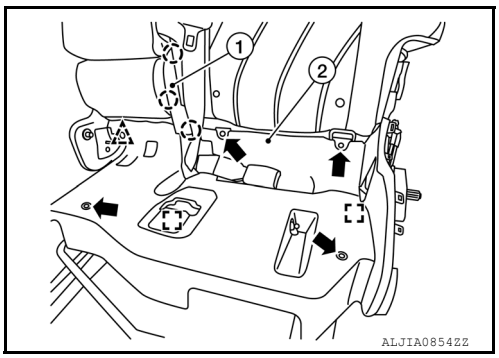
LH BENCH SEATBACK CUSHION

Disassembly

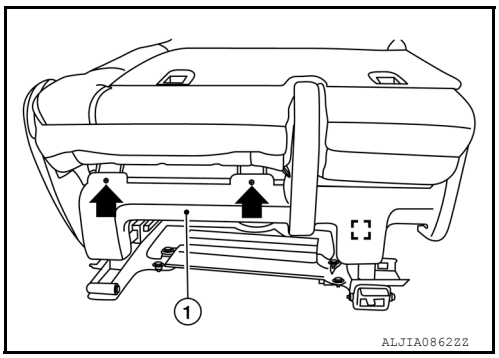
1. Remove the LH bench seat. Refer to SE-85, "Removal and Installation".
2. Remove the LH bench seat cushion. Refer to SE-87, "Seat Cushion".
3. Remove the armrest assembly. Refer to SE-86, "Armrest Assembly".
4. Remove the outer finisher RH (1).
   : Pawl
   : Metal clip



5. Release the seatback heater unit harness (if equipped) from all attachments.
   NOTE:
   Note harness attachments and routing locations for proper installation.
6. Release center recliner finisher (1) pawls.
7. Release clip.
   : Clip
8. Remove screws (⬅) and lift seat cushion latch finisher (2) to remove.
   : Metal clip

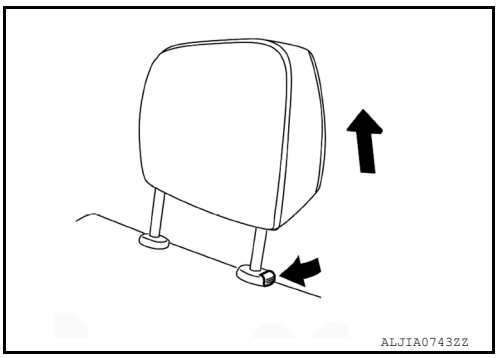


9. Remove screws (⬅) and pull rear finisher to remove.
   : Metal clip



10. Remove LH bench seat belt retractor (RH) bottom anchor bolt.

11. Press the headrest holder lock button in, then remove the headrest LH.

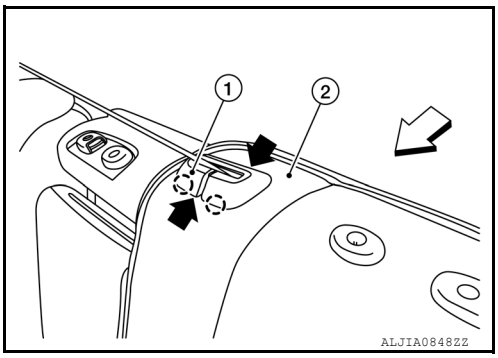


12. Remove the headrest holders.
CAUTION:
Before removing headrest holder, check its orientation (front/rear and right/left).

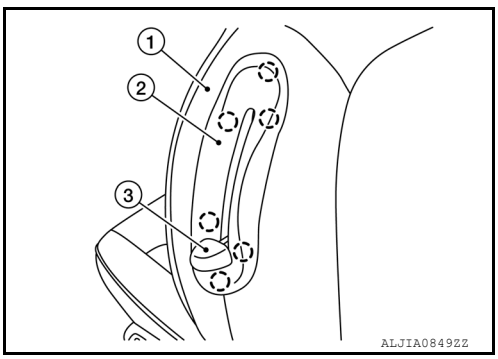
13. Remove the seat belt retractor finisher (1) from seatback assembly (2).

a. Release pawls and lift front of seat belt retractor finisher (1).
◌: Pawl

b. Push on rear of seat belt tractor finisher (1) to remove.
⇦: Front



14. Remove EZ entry lever (3) by pulling firmly.
15. Remove EZ entry finisher (2) from seatback assembly (1).
◌: Pawl



16. Remove the seatback cushion assembly (2) from the seat frame assembly (1).

a. Release the J-clip retainer (⬅) at the rear lower edge of seatback.

b. Remove clips that retain seatback trim (2) in place.
△: Clip

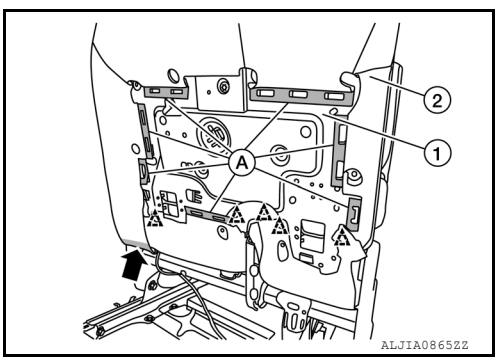
c. Release fastening strips (A) from the seat frame assembly (1).

d. Release clips that retain trim behind EZ entry finisher.

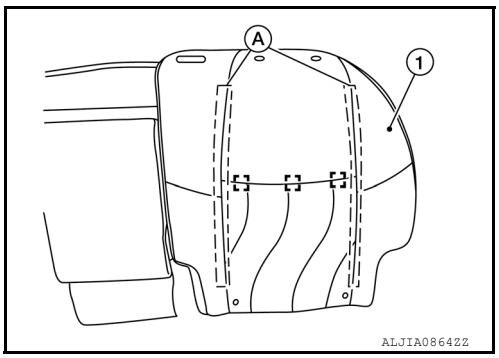
e. Carefully remove the seatback assembly (2) from the seat frame assembly (1).

f. Route the seat belt through the opening in the seatback trim (2).

17. Separate the seatback trim from the seatback pad.

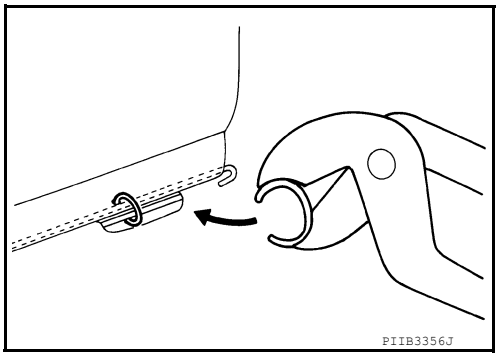


a. Pull seatback trim (1) upward in front to release hook fasteners (A).
b. Remove hog rings and separate the seatback trim (1) from the seatback pad.
: Hog ring
NOTE:
Remove all pieces of hog rings and discard them.
c. Remove the seatback heater unit (if equipped) harness through the opening in the seatback trim



Assembly
Assembly is in the reverse order of disassembly.
CAUTION:
- **Make sure hog rings are correctly fastened around both the seatback trim and seatback pad wires.**
- **Replace any deformed or damaged hog rings.**
- **Make sure any old hog ring pieces are removed from seat.**

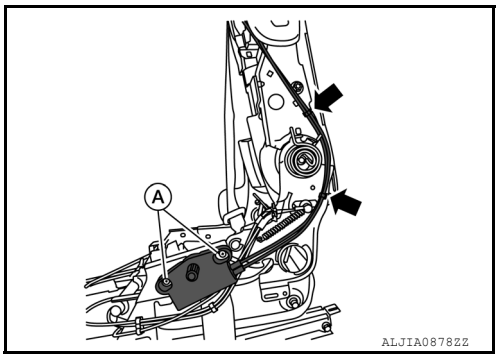
NOTE:
- Install new hog rings on the seatback trim in original positions.
- Use only one hog ring in each designated location.
- Be sure hook fastener is pressed into place after seatback trim is assembled.



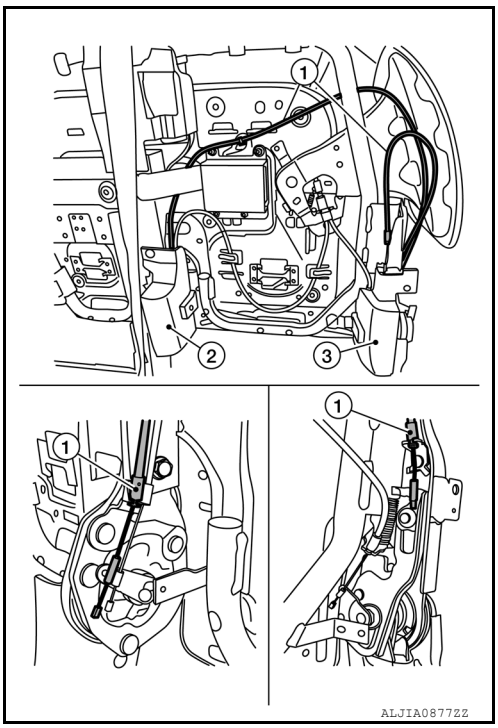
LH BENCH SEAT RECLINE RELEASE CABLE ASSEMBLY

Disassembly

1. Remove the LH bench seatback cushion. Refer to SE-113, "Disassembly and Assembly".
2. Remove the recline release cable assembly screws (A).
3. Release (⬅) the recline release cable assembly.
CAUTION:
Note the cable routing for proper installation.



4. Remove the support finishers (2) and (3).
5. Remove the recline release cable assembly (1) from the RH side.
6. Remove the recline release cable assembly (1) from LH side.
7. Remove the recline release cable assembly (1).



Assembly

Assembly is in the reverse order of removal.

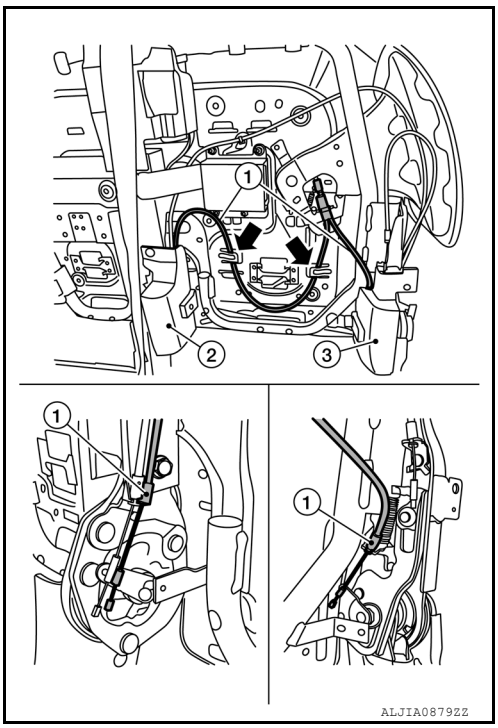
CAUTION:

Route cables correctly for proper function.

LH BENCH SEAT EZ ENTRY CABLE

Disassembly

1. Remove LH bench seatback cushion. Refer to SE-113, "Disassembly and Assembly".
   NOTE:
   It is not necessary to separate the seatback trim from the seatback pad.
2. Remove recline finisher RH (2) and recline finisher LH (3).
3. Remove EZ entry cable (1) from routing guides (⬅).
   CAUTION:
   Note the cable routing for proper installation
4. Remove the EZ entry cable (1) from the RH side.
5. Remove the EZ entry cable (1) from the LH side.
6. Remove the EZ entry cable.



Assembly

Assembly is in the reverse order of removal.

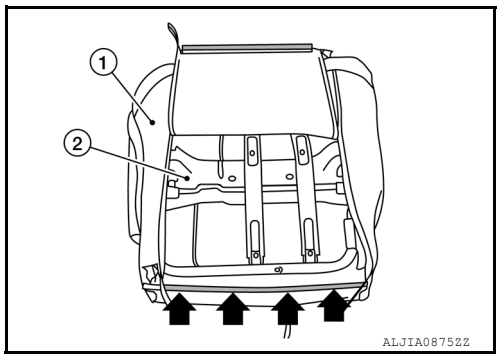
CAUTION:
Route cables correctly for proper function.

RH SEAT CUSHION

Disassembly

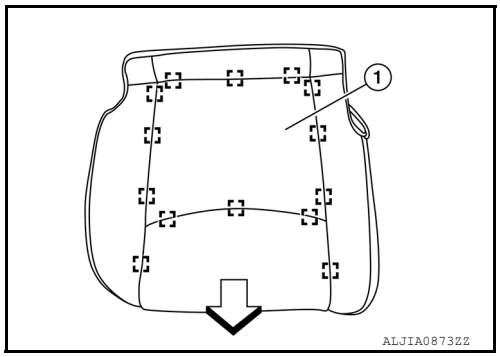
1. Remove RH seat cushion. Refer to SE-87, "Seat Cushion".
2. Remove support strut from RH seat cushion.
3. Remove the seat cushion assembly (1) from the seat cushion frame (2).

a. Unzip the back trim cover and release the J-clip retainer (⬅).
b. Carefully remove the seat cushion assembly (1) from the seat cushion frame (2).



4. Separate the seat cushion trim from the seat cushion pad.

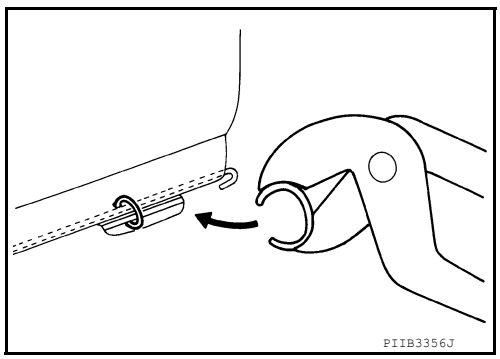
a. Remove hog rings and separate the seat cushion trim (1) from the seat cushion pad.
⬚: Hog ring
⇦: Front
NOTE:
Remove all pieces of hog rings and discard them.



b. Route the seat cushion heater unit (if equipped) harness through the opening in the seat cushion trim.

Assembly
Assembly is in the reverse order of disassembly.
CAUTION:
- **Make sure hog rings are correctly fastened around both the seat cushion trim and seat pad wires.**
- **Replace any deformed or damaged hog rings.**
- **Make sure any old hog ring pieces are removed from seat.**

NOTE:
- Install new hog rings on the seat cushion trim in original positions.
- Use only one hog ring in each designated location.
- Be sure hook fastener is pressed into place after seat cushion trim is assembled.

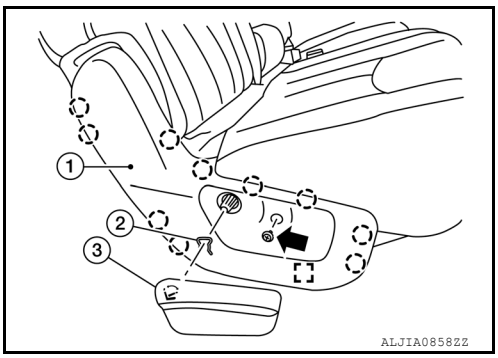


RH SEATBACK CUSHION

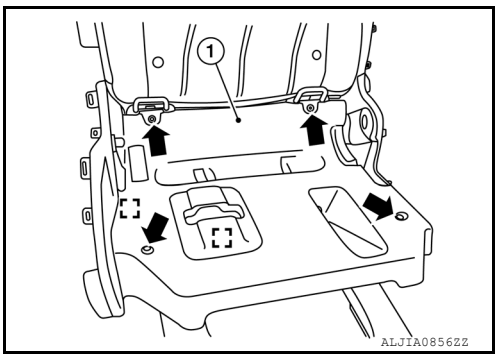
Disassembly

1. Remove RH bench seat. Refer to SE-85, "Removal and Installation".
2. Remove RH seat cushion. Refer to SE-87, "Seat Cushion".

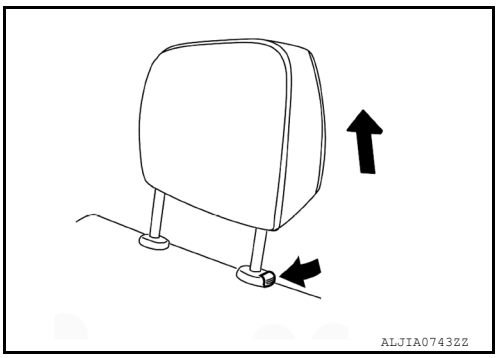
3. Remove recline lever (3).
a. Remove snap ring (2) upward using a suitable tool.
b. Remove recline lever (3).
4. Remove screw (⬅) and seat cushion side finisher (1).
: Pawl
: Metal clip



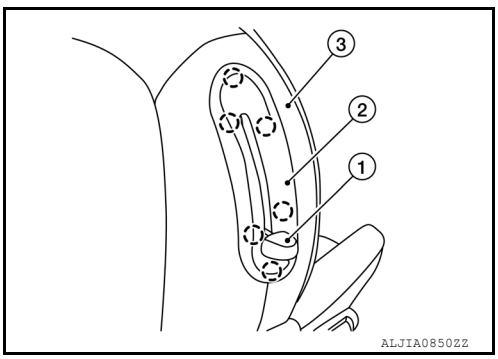
5. Remove screws (⬅) and lift seat cushion latch finisher (1) to remove.
: Metal clip



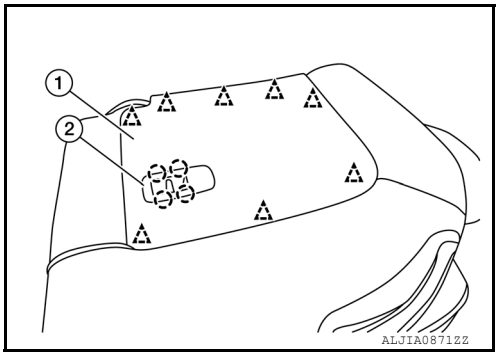
6. Remove the rear finisher.
7. Release the seatback heater unit (if equipped) harness from attachments.
NOTE:
Note harness attachments and routing location for proper installation.
8. Press the headrest holder lock button in, then remove the headrest.



9. Remove the headrest holders.
CAUTION:
Before removing headrest holder, check its orientation (front/rear and right/left).
10. Remove EZ entry lever (1) by pulling firmly.
11. Remove EZ entry finisher (2) from the seatback assembly (3).
: Pawl

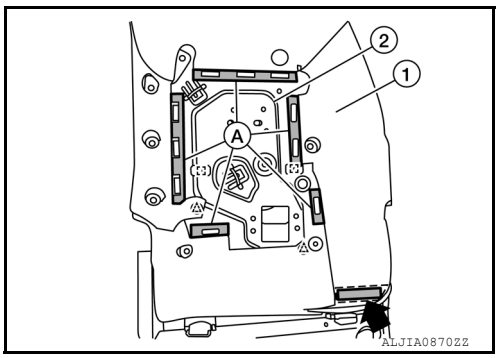


12. Remove the tether anchor finisher (2).
    : Pawl
13. Remove the seatback board (1).
    : Clip



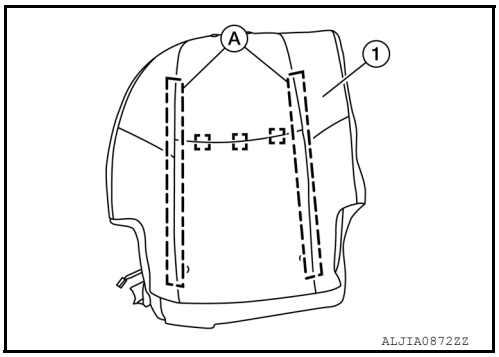
14. Remove the seatback cushion assembly (1) from the seat frame assembly (2).

a. Release the J-clip retainer (⬅) at the rear lower edge of seatback.
b. Remove clips that retain seatback trim (1) in place.
    : Clip
c. Remove hog rings.
    : Hog ring
    NOTE:
    Remove all pieces of hog rings and discard them.
d. Release fastening strips (A) from the seat frame assembly (2).
e. Release clips that retain trim behind EZ entry finisher.
f. Carefully remove the seatback assembly (1) from the seat frame assembly (2).



15. Separate the seatback trim from the seatback pad.

a. Pull seatback trim (1) upward in front to release hook fasteners (A).
b. Remove hog rings and separate the seatback trim (1) from the seatback pad.
    : Hog ring
    NOTE:
    Remove all pieces of hog rings and discard them.
c. Thread the seatback heater unit harness through the opening in the seatback trim



Assembly

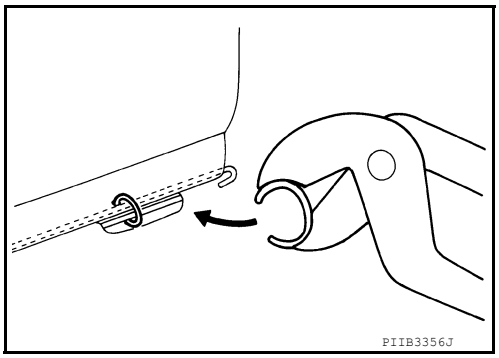
Assembly is in the reverse order of disassembly.

CAUTION:

- **Make sure hog rings are correctly fastened around both the seatback trim and seatback pad wires.**
- **Replace any deformed or damaged hog rings.**
- **Make sure any old hog ring pieces are removed from seat.**

NOTE:

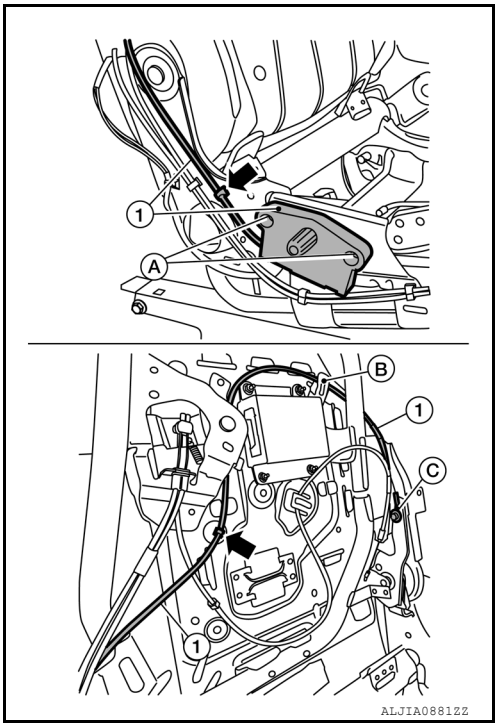
- Install new hog rings on the seatback trim in original positions.
- Use only one hog ring in each designated location.
- Be sure hook fastener is pressed into place after seatback trim is assembled.



RH SEAT RECLINE RELEASE CABLE ASSEMBLY

Disassembly

1. Remove the RH seatback cushion. Refer to SE-113, "Disassembly and Assembly".
2. Remove the support finisher.
3. Remove the recline release cable assembly screws (A).
4. Release (⬅) the recline release cable assembly (1).
   CAUTION:
   Note the cable routing for proper installation.
5. Remove the recline release cable assembly (1) from routing guide (B).
6. Remove the recline release cable assembly end (C) and the recline release cable assembly (1).



Assembly

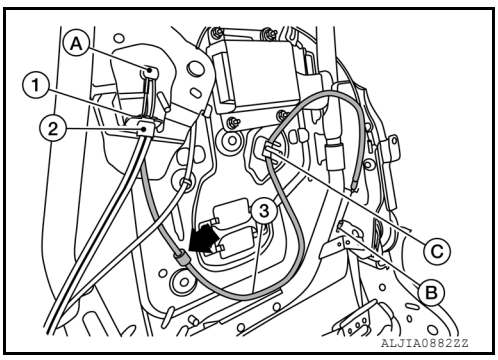
Assembly is in the reverse order of removal.

CAUTION:
Route cables correctly for proper function.

EZ ENTRY CABLE

Disassembly

1. Remove the RH seatback cushion. Refer to SE-113, "Disassembly and Assembly".
   NOTE:
   It is not necessary to separate the seatback trim from the seatback pad.
2. Remove the support finisher.
3. Remove EZ entry cable (3) from the routing guide (C).
   CAUTION:
   Note the cable routing for proper installation.
4. Release (⬅) the EZ entry cable (3).
5. Remove the track tilt release cable (2) form the seat frame assembly (1) and Release cable end (A).
6. Remove the EZ entry cable end (B).
7. Remove the EZ entry cable.



Assembly

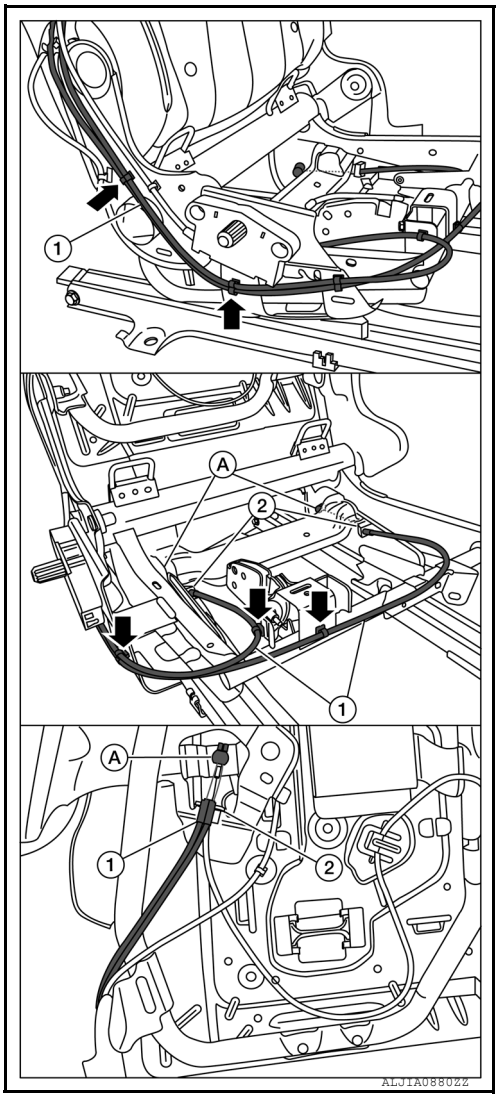
Assembly is in the reverse order of removal.

CAUTION:
Route cables correctly for proper function.

RH SEAT TRACK TILT RELEASE CABLE

Disassembly

1. Remove the RH seatback cushion. Refer to SE-113, "Disassembly and Assembly".
   NOTE:
   It is not necessary to separate the seatback trim from the seatback pad.
2. Release (⬅) the track tilt release cable (1).
   CAUTION:
   Note the cable routing for proper installation.
3. Remove the track tilt release cable (1) from the seat frame assembly (2) and Release cable ends (A).
4. Remove the track tilt release cable (1).



Assembly

Assembly is in the reverse order of removal.

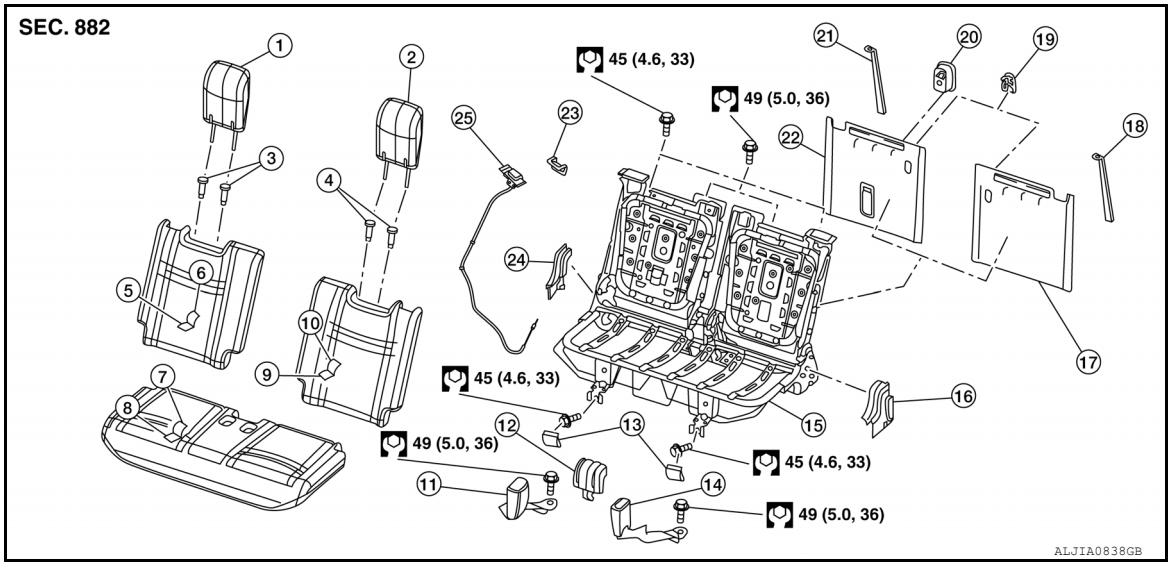
CAUTION:

Route cables correctly for proper function.

THIRD ROW SEATS

Exploded View

INFOID:0000000008485036



1. Headrest RH
2. Headrest LH
3. Headrest holders RH
4. Headrest holders LH
5. Seatback trim RH
6. Seatback pad RH
7. Seat cushion trim
8. Seat cushion pad
9. Seatback trim LH
10. Seatback pad LH
11. Seat belt buckle RH
12. Seat hinge center finisher
13. Seat bolt covers
14. Seat belt buckle LH
15. Third row seat frame
16. Seat hinge finisher LH
17. Seatback board LH
18. Seatback pull strap LH
19. Seatback cargo hooks
20. Top tether strap child restraint finisher
21. Seatback pull strap RH
22. Seatback board RH
23. Seatback release lever finisher
24. Seat hinge finisher RH
25. Seatback release lever and cable

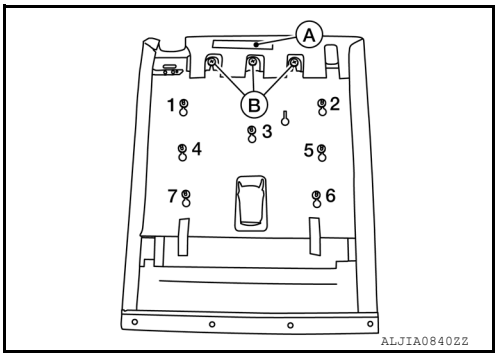
Disassembly and Assembly

INFOID:0000000008349415

SEATBACK

Disassembly

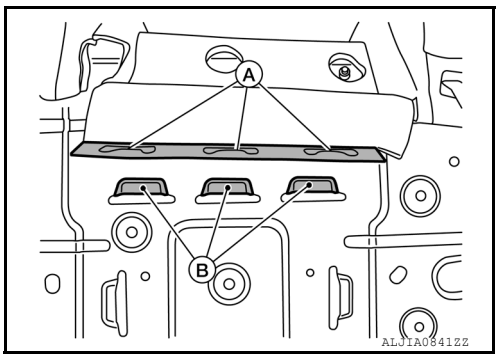
1. Remove third row seat. Refer to SE-95, "Removal and Installation".
2. Release the pawls and remove the top tether anchor finisher from seatback board.
3. Remove the screw and the luggage hook.
4. Press both headrest holder lock buttons in and lift headrest up to remove.
5. Remove the seatback board.
a. Release the hook fastener (A) along the upper edge.
b. Release the upper clips (B) that retain the seatback board to the seatback frame.
c. Release the remaining clips in the order shown.



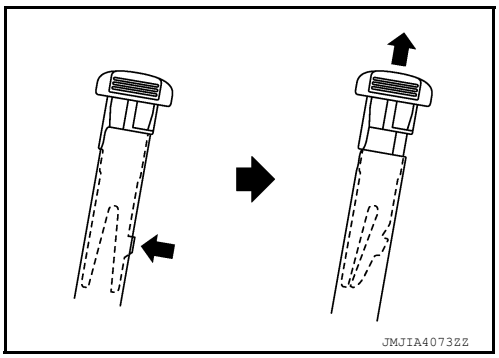
6. Remove the seatback trim and pad as an assembly.

a. Slide the clip tabs (A) out of the raised slots (B) on the top edge of the seatback frame sheet metal as shown.

b. Repeat at the lower and RH/LH edges.



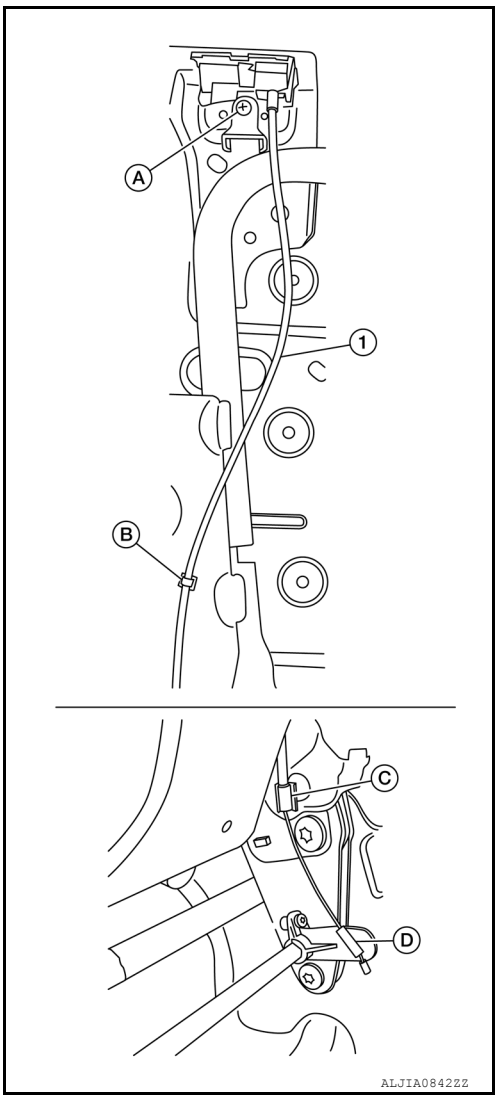
c. Squeeze the headrest holder tabs at the base of the stay pipe and pull up to remove as shown.
CAUTION:
Before removing headrest holder, check its orientation (front/rear and right/left).



d. Push the lower cross strap beneath seatback frame, then lift the seatback trim and pad assembly up and remove.

7. Remove the screw and the pull strap from seatback frame.

8. Remove the seatback release handle and cable.
a. Remove the screw (A) and release the cable clip (B) from the seatback frame
b. Rotate the cable end collar (C) and the hook (D) to release from the cable brackets.
c. Remove the seatback release cable and lever as an assembly from the seatback frame.



9. Remove the hog rings and separate the seatback trim and seatback pad.
NOTE:
Remove all pieces of hog rings and discard them.

Assembly

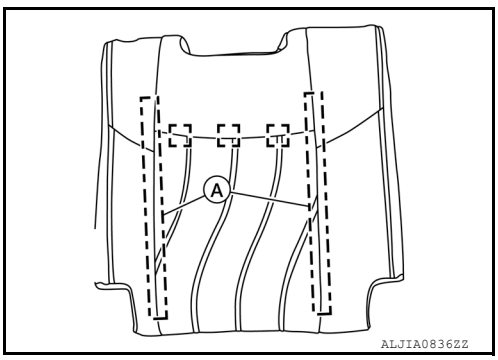
Assembly is in the reverse order of disassembly.

CAUTION:

- **Make sure hog rings are correctly fastened around both the seat trim and pad wires.**
- **Replace any deformed or damaged hog rings.**
- **Make sure any old hog ring pieces are removed from seat.**

NOTE:

- Install new hog rings on the seatback trim in their original positions.
  : Hog ring
  Right side shown, left side similar.
- Use only one hog ring in each designated location.
- Be sure hook fastener (A) is pressed into place after seatback trim is assembled.

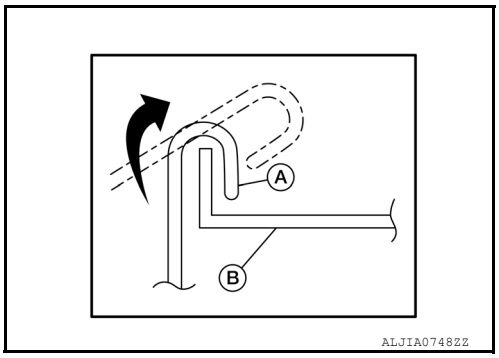


SEAT CUSHION

Disassembly

1. Remove third row seat. Refer to SE-95, "Removal and Installation".
2. Remove seat cushion trim and seat cushion pad.

a. Release the J-clips holding the seat cushion to the seat frame.



b. Release the elastic band and route the seat belt buckles (LH/RH).
c. Lift the seat cushion trim and seat cushion pad from the seat frame as an assembly.

3. Release the hook fasteners, then remove the hog rings to separate the seat cushion trim and seat cushion pad.
4. Remove the screw, release the metal clip and pawls, then remove the seat hinge finishers (LH/RH) from the seat frame.
5. Release the pawls and remove the seat hinge finisher (center) from the seat frame.

Assembly
Assembly is in the reverse order of disassembly.

CAUTION:

- **Make sure hog rings are correctly fastened around both the seat trim and pad wires.**
- **Replace any deformed or damaged hog rings.**
- **Make sure any old hog ring pieces are removed from seat.**

NOTE:

- Install new hog rings on the seat cushion trim in their original positions.
  ⇦: Front
  : Hog ring
- Use only one hog ring in each designated location.
- Be sure hook fastener (A) is pressed into place after seatback trim is assembled.