SECTION SE
SEAT

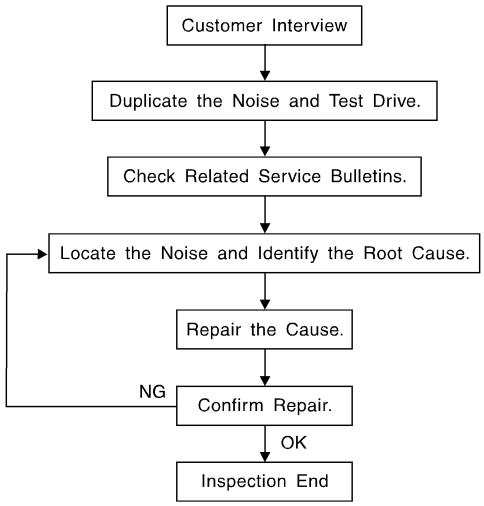
CONTENTS

SERVICE INFORMATION

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow

INFOID:0000000008179624



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-6, "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-4, "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:0000000008179625

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

INSTRUMENT PANEL

Most incidents are caused by contact and movement between:

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

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

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

CENTER CONSOLE

Components to pay attention to include:

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

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

DOORS

Pay attention to the:

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

Tapping or moving the components or pressing on them while driving to duplicate the conditions can isolate many of these incidents. You can usually insulate the areas with felt cloth tape or insulator foam blocks from the NISSAN Squeak and Rattle Kit (J-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.

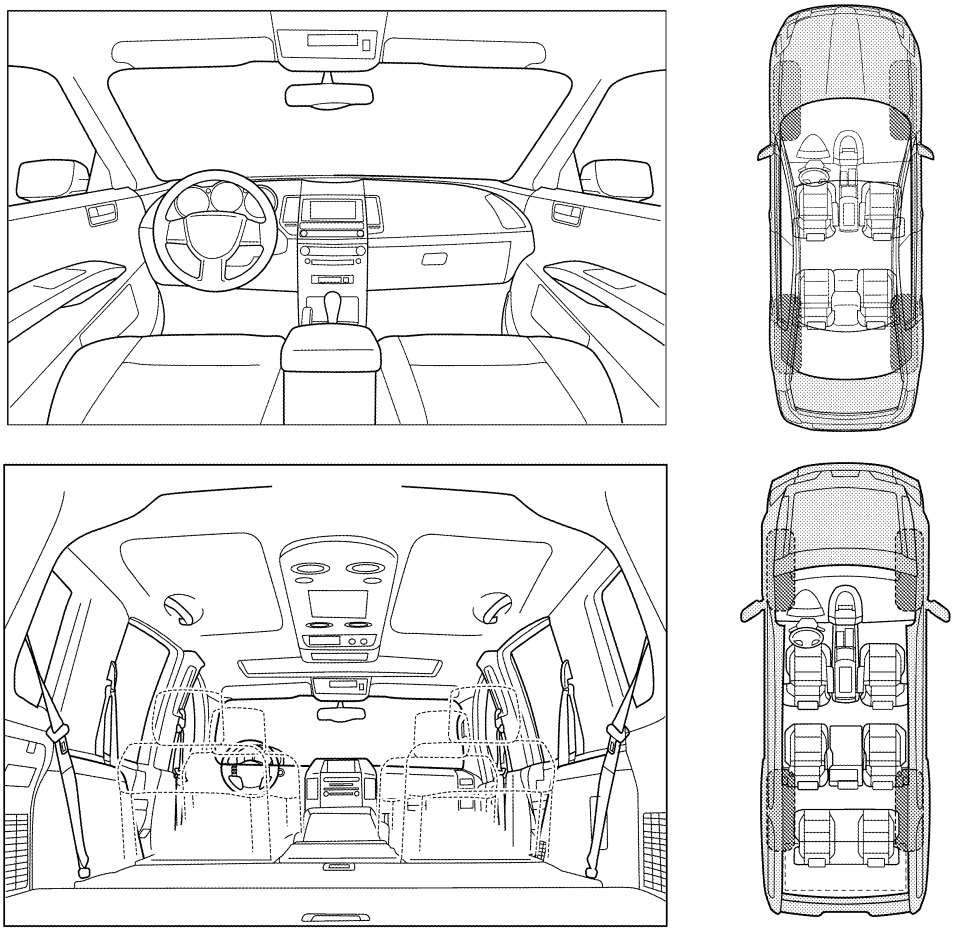
Diagnostic Worksheet

INFOID:0000000006250006

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

SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

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



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

LAIA0072E

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

DTC/CIRCUIT DIAGNOSIS

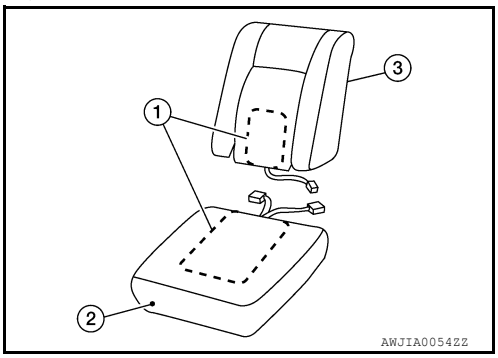
HEATED SEAT

Description

INFOID:0000000006250009

- When handling seat, be extremely careful not to scratch heating unit (1).
- To replace heating unit, seat trim and pad should be separated for the front seat cushion LH. For seatback and front seat cushion RH, complete cushion (2) or seatback assembly (3) must be replaced.
- Do not use any organic solvent, such as thinner, benzene, alcohol, etc. to clean trim.

Thermostat operation	ON	OFF
Trim temperature °C (°F)	25 -35 (77 - 95)	35 - 45 (95 - 113)

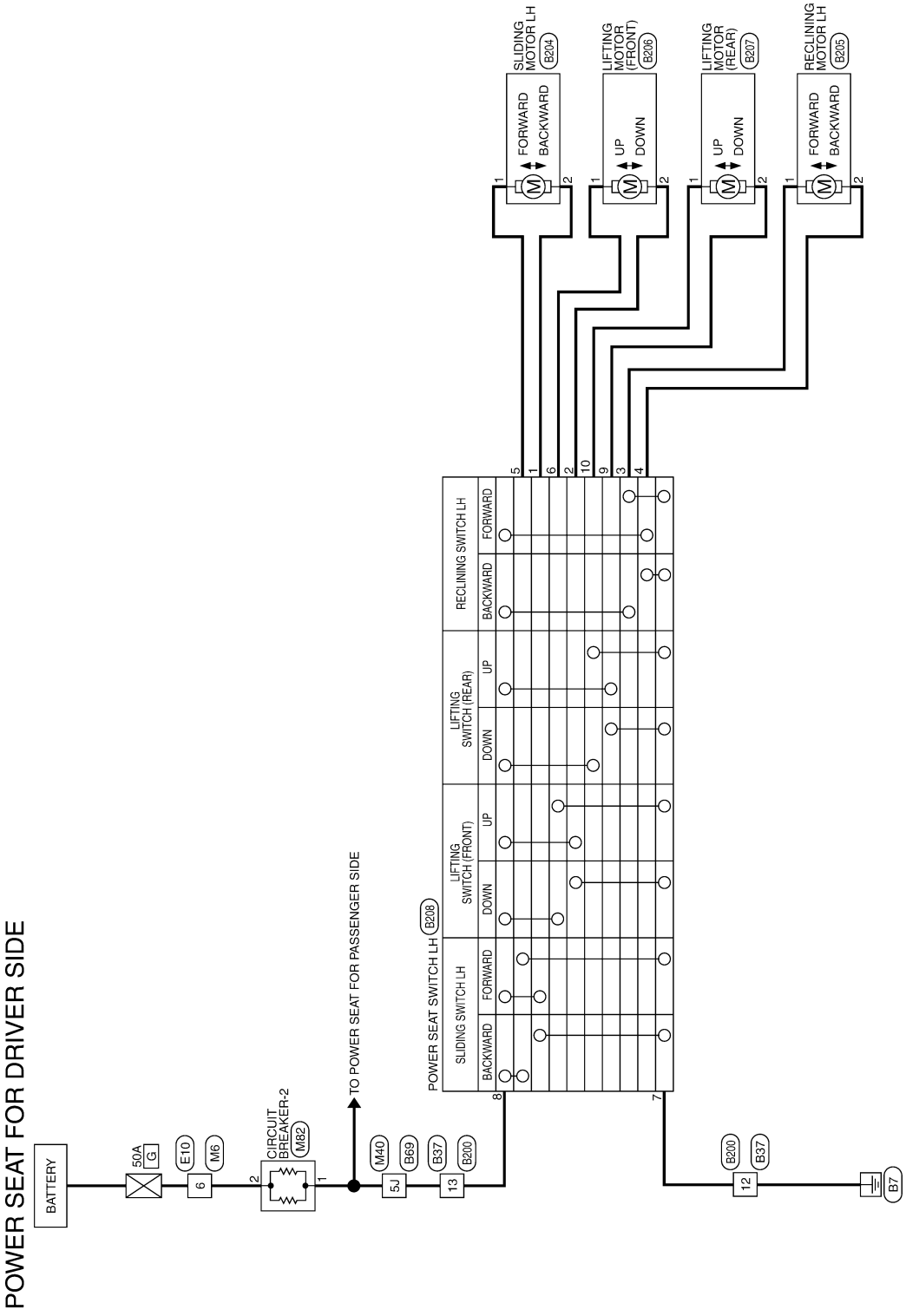


WIRING DIAGRAM

POWER SEAT FOR DRIVER SIDE

Wiring Diagram

INFOID:0000000006638783



POWER SEAT FOR DRIVER SIDE CONNECTORS

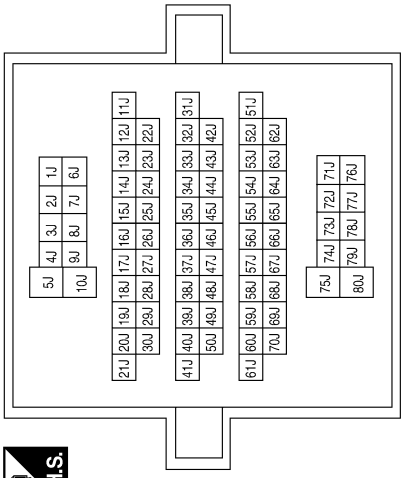
Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
6	W	–

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

H.S.



Terminal No.	Color of Wire	Signal Name
5J	G	–

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

H.S.

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

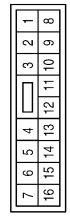
Connector No.	E10
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
6	W	–

Connector No.	B37
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.



Terminal No.	Color of Wire	Signal Name
12	B	–
13	G	–

ABJIA0178GB

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

H.S.

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

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

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

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

71J	72J	73J	74J	75J
76J	77J	78J	79J	80J

Terminal No.	Color of Wire	Signal Name
5J	G	–

Connector No.	B200
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
12	B	–
13	G	–

Connector No.	B204
Connector Name	SLIDING MOTOR LH
Connector Color	GRAY

H.S.

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

Connector No.	B205
Connector Name	RECLINING MOTOR LH
Connector Color	WHITE

H.S.

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

Connector No.	B206
Connector Name	LIFTING MOTOR (FRONT)
Connector Color	GRAY

H.S.

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

ABJIA0179GB

Connector No.	B207
Connector Name	LIFTING MOTOR (REAR)
Connector Color	GRAY

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

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

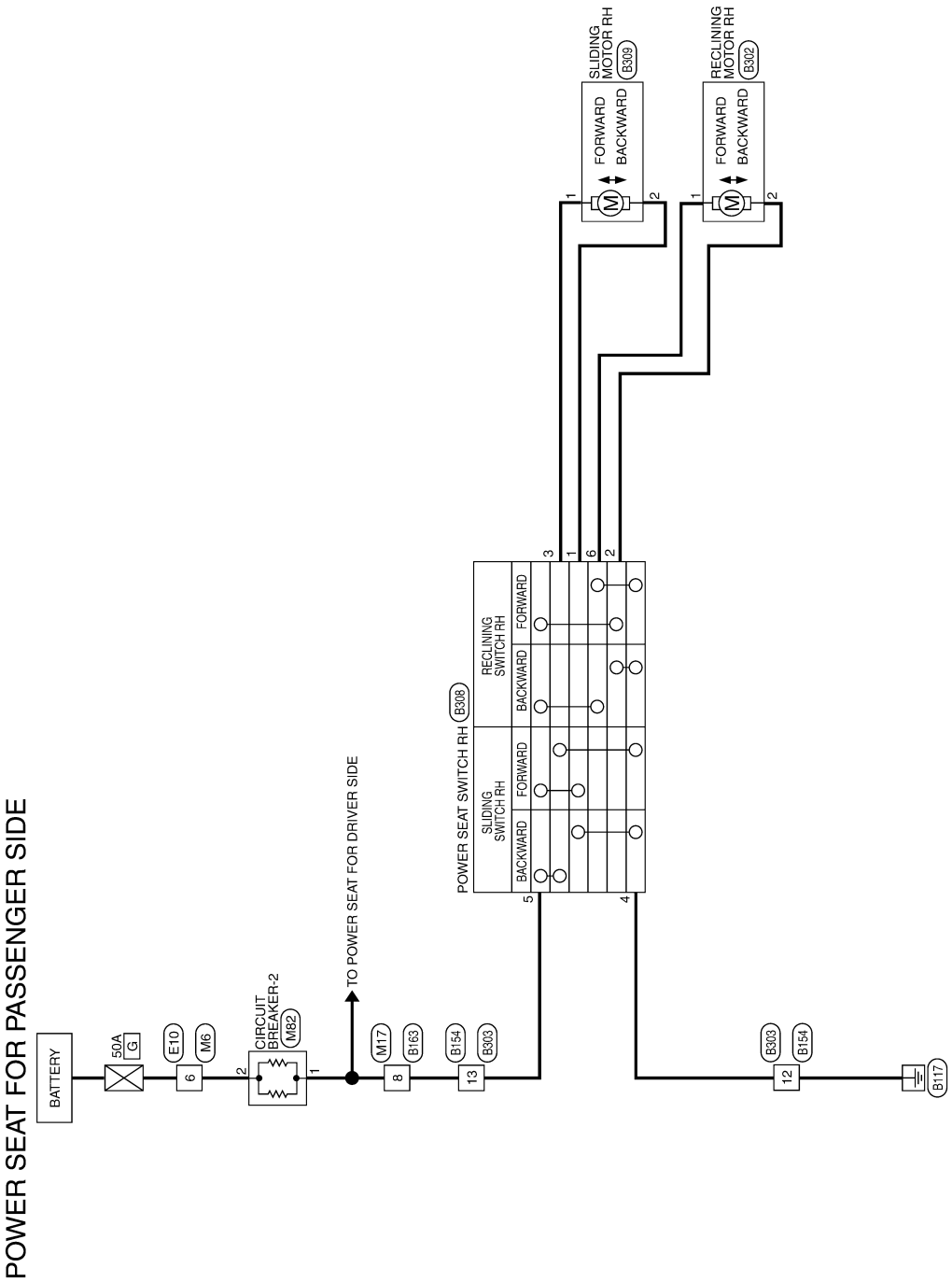
Terminal No.	Color of Wire	Signal Name
1	G	–
2	Y	–
3	G/W	–
4	R/W	–
5	R	–
6	Y/B	–
7	B	–
8	W/L	–
9	L/W	–
10	L	–

AAJIA0039GB

POWER SEAT FOR PASSENGER SIDE

Wiring Diagram

INFOID:0000000006638784

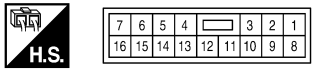


POWER SEAT FOR PASSENGER SIDE CONNECTORS

Connector No.	M6
Connector Name	WIRE TO WIRE
Connector Color	WHITE

Terminal No.	Color of Wire	Signal Name
6	W	–

Connector No.	M17
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
8	LG	–

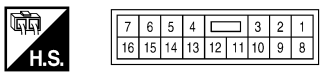
Connector No.	M82
Connector Name	CIRCUIT BREAKER-2
Connector Color	WHITE

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

Connector No.	E10
Connector Name	WIRE TO WIRE
Connector Color	WHITE

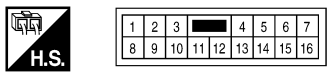
Terminal No.	Color of Wire	Signal Name
6	W	–

Connector No.	B154
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
12	B	–
13	LG	–

Connector No.	B163
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
8	LG	–

AAJIA0040GB

Connector No.	B302
Connector Name	RECLINING MOTOR RH
Connector Color	WHITE

H.S.

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

Connector No.	B303
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
12	B	–
13	W/L	–

Connector No.	B308
Connector Name	POWER SEAT SWITCH RH
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
1	Y	–
2	Y/B	–
3	G	–
4	B	–
5	W/L	–
6	G/B	–

Connector No.	B309
Connector Name	SLIDING MOTOR RH
Connector Color	GRAY

H.S.

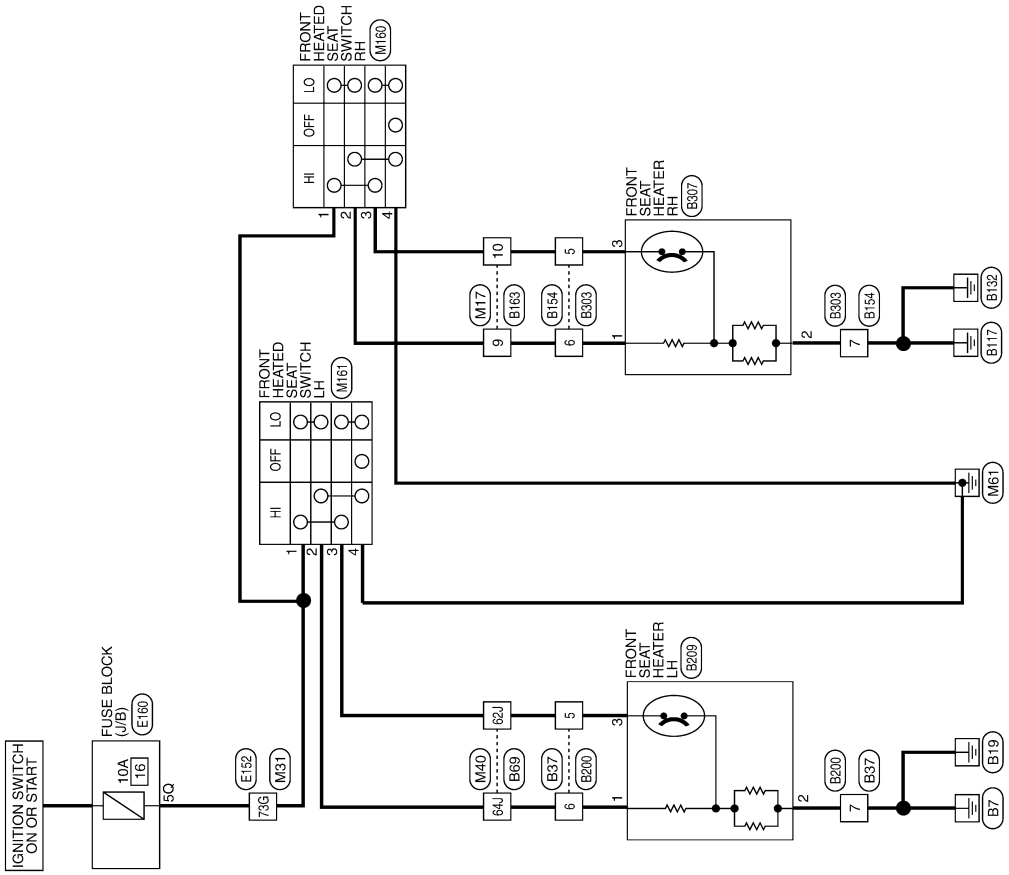
Terminal No.	Color of Wire	Signal Name
1	G	–
2	Y	–

ABJIA0180GB

HEATED SEAT

Wiring Diagram

INFOID:0000000006638786

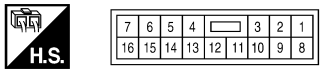


HEATED SEAT

ABJWA0059GB

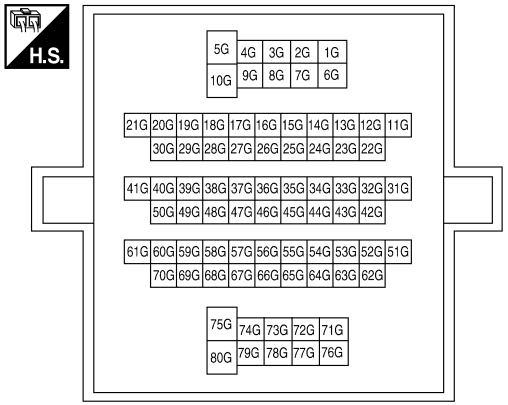
HEATED SEAT CONNECTORS

Connector No.	M17
Connector Name	WIRE TO WIRE
Connector Color	WHITE



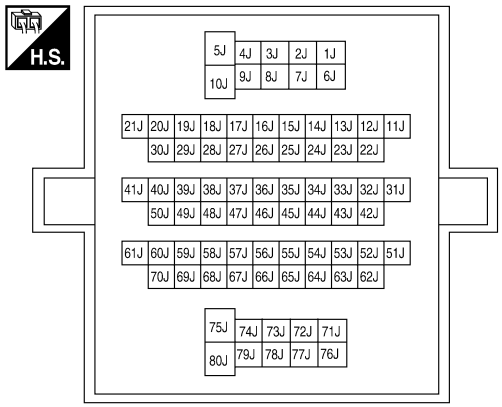
Terminal No.	Color of Wire	Signal Name
9	W	–
10	GR	–

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



Terminal No.	Color of Wire	Signal Name
73G	W/R	–

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



ABJIA0181GB

Terminal No.	Color of Wire	Signal Name
62J	LG	–
64J	GR	–

Connector No.	M160
Connector Name	FRONT HEATED SEAT SWITCH RH
Connector Color	BROWN

Terminal No.	Color of Wire	Signal Name
1	G	–
2	W	–
3	GR	–
4	B	–

Connector No.	M161
Connector Name	FRONT HEATED SEAT SWITCH LH
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
1	W/R	–
2	GR	–
3	LG	–
4	B	–

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

H.S.

Terminal No.	Color of Wire	Signal Name
73G	W/R	–

Connector No.	E160
Connector Name	FUSE BLOCK (J/B)
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
5Q	W/R	–

Connector No.	B37
Connector Name	WIRE TO WIRE
Connector Color	WHITE

H.S.

Terminal No.	Color of Wire	Signal Name
5	LG	–
6	GR	–
7	B	–

ABJIA0182GB

Connector No.	B154
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
5	GR	–
6	W	–
7	B	–

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

H.S.

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

11J	12J	13J	14J	15J	16J	17J	18J	19J	20J	21J
	22J	23J	24J	25J	26J	27J	28J	29J	30J	
31J	32J	33J	34J	35J	36J	37J	38J	39J	40J	41J
	42J	43J	44J	45J	46J	47J	48J	49J	50J	
51J	52J	53J	54J	55J	56J	57J	58J	59J	60J	61J
	62J	63J	64J	65J	66J	67J	68J	69J	70J	
71J	72J	73J	74J					75J		
76J	77J	78J	79J					80J		

Terminal No.	Color of Wire	Signal Name
62J	LG	–
64J	GR	–

Connector No.	B209
Connector Name	FRONT SEAT HEATER LH
Connector Color	WHITE

H.S.

1	
3	2

Terminal No.	Color of Wire	Signal Name
1	Y	–
2	G/W	–
3	Y/B	–

Connector No.	B200
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
5	Y/B	–
6	Y	–
7	G/W	–

Connector No.	B163
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

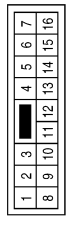
Terminal No.	Color of Wire	Signal Name
9	W	–
10	GR	–

ABJIA0386GB

Connector No.	B307
Connector Name	FRONT SEAT HEATER RH
Connector Color	WHITE

Terminal No.	Color of Wire	Signal Name
1	Y	–
2	G/W	–
3	Y/B	–

Connector No.	B303
Connector Name	WIRE TO WIRE
Connector Color	WHITE



Terminal No.	Color of Wire	Signal Name
5	Y/B	–
6	Y	–
7	G/W	–

ABJIA0184GB

PRECAUTION

PRECAUTIONS

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

INFOID:0000000006250011

The Supplemental Restraint System such as “AIR BAG” and “SEAT BELT PRE-TENSIONER”, used along with a front seat belt, helps to reduce the risk or severity of injury to the driver and front passenger for certain types of collision. This system includes seat belt switch inputs and dual stage front air bag modules. The SRS system uses the seat belt switches to determine the front air bag deployment, and may only deploy one front air bag, depending on the severity of a collision and whether the front occupants are belted or unbelted. Information necessary to service the system safely is included in the SR and SB section of this Service Manual.

WARNING:

- **To avoid rendering the SRS inoperative, which could increase the risk of personal injury or death in the event of a collision which would result in air bag inflation, 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:0000000006820865

- 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 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.

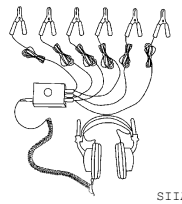
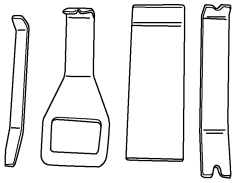
PREPARATION

PREPARATION

Special Service Tool

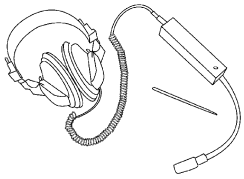
INFOID:0000000006250013

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:0000000006250014

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

REMOVAL AND INSTALLATION

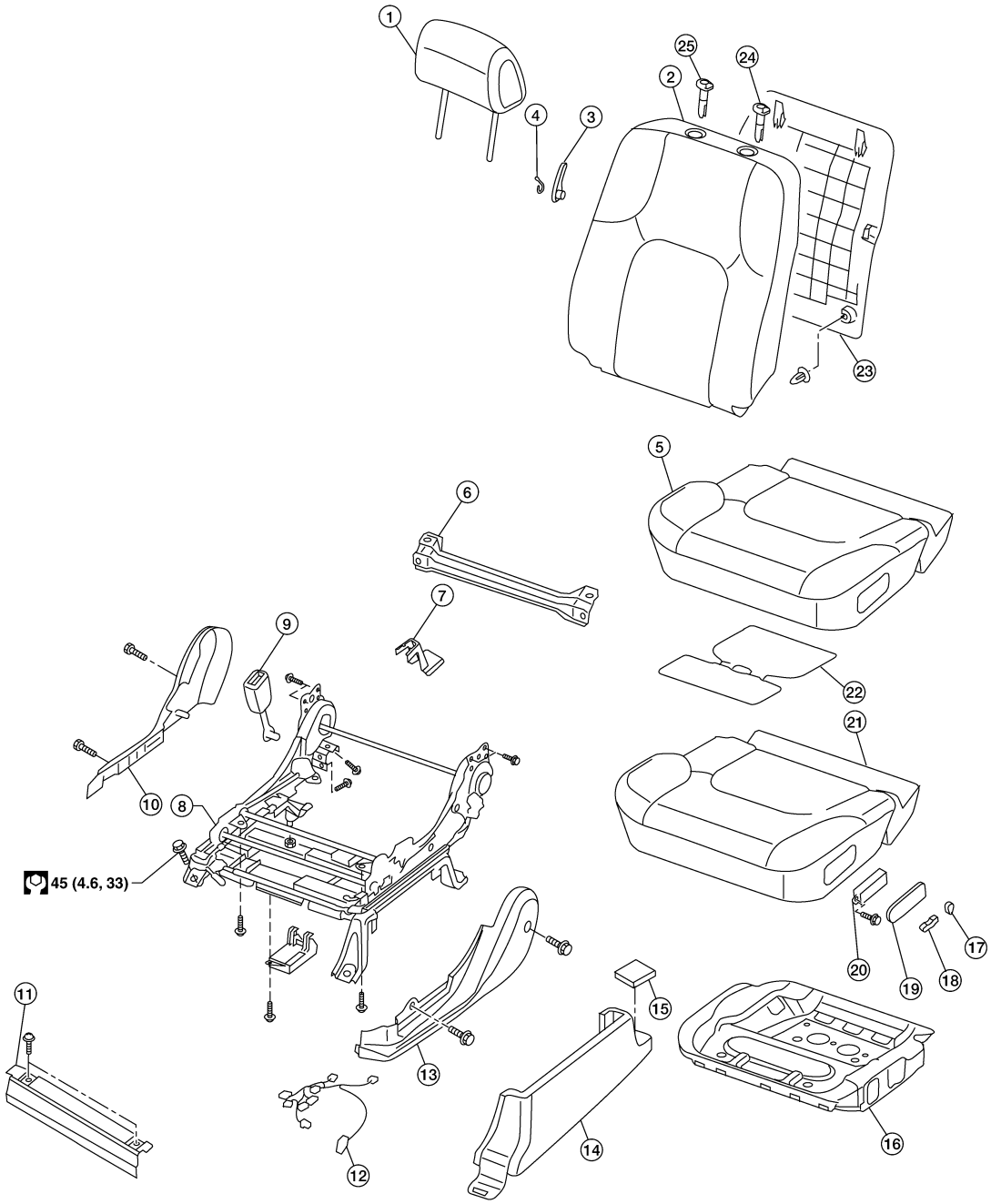
FRONT SEAT

Component

INFOID:0000000006250015

Power Driver Seat

SEC. 870

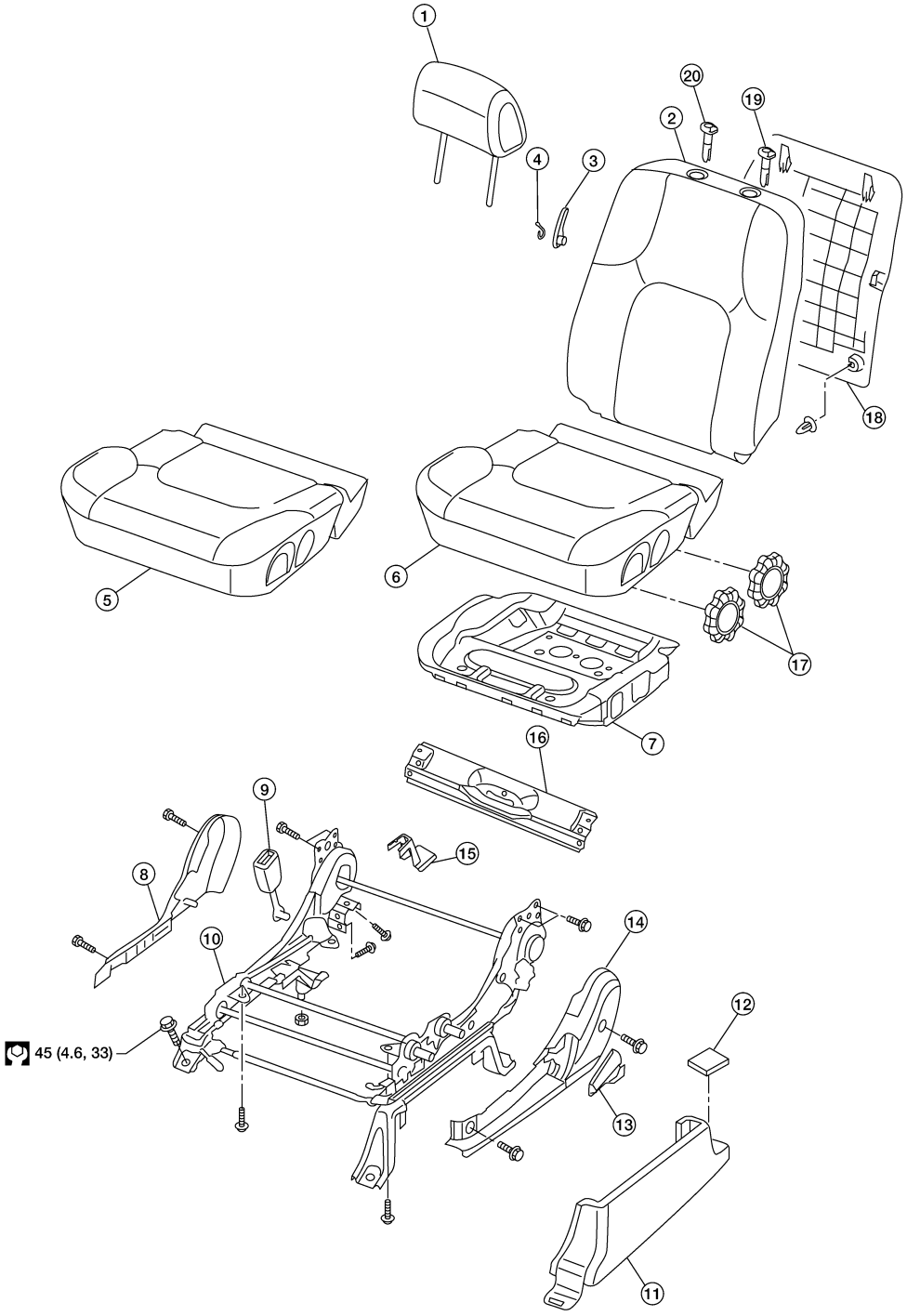


AWJIA0466GB

1. Headrest
2. Seatback assembly
3. Lumbar support lever knob
4. Snap ring
5. Seat cushion trim
6. Power seat cushion rear finisher
7. Leg Cover
8. Seat frame assembly
9. Seat belt buckle assembly
10. Seat cushion inner finisher
11. Seat cushion front finisher
12. Driver seat wiring harness
13. Seat cushion outer finisher
14. Leg cover
15. Bolt cover
16. Seat cushion frame
17. Recliner switch knob
18. Slide switch knob
19. Power seat switch escutcheon
20. Switch assembly
21. Seat cushion pad
22 Seat cushion heating element
23 Seatback board (if equipped)
24. Headrest holder with multi position lock
25. Headrest holder

Manual Driver Seat

SEC. 870



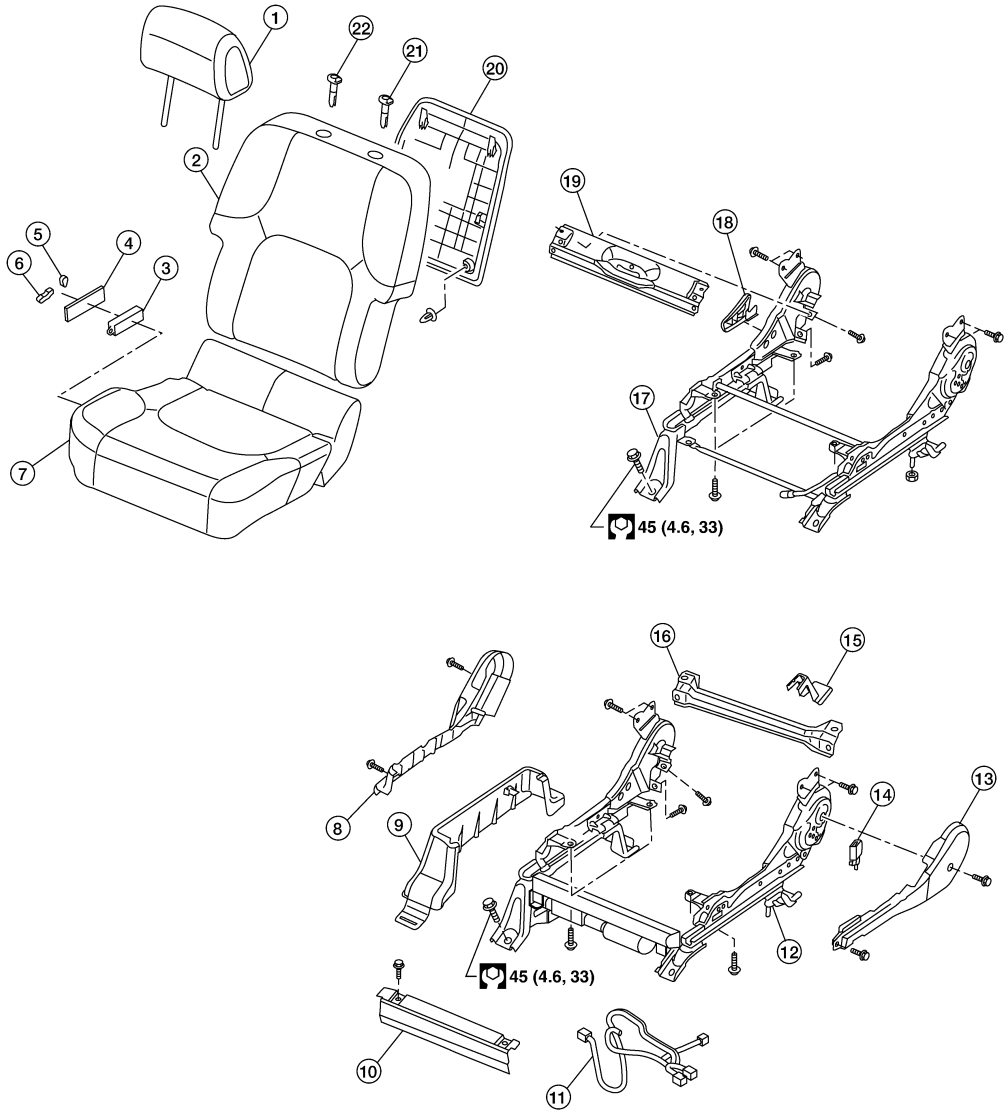
AWJIA0467GB

1. Headrest
2. Seatback assembly
3. Lumbar support lever knob
4. Snap ring
5. Seat cushion trim cover
6. Seat cushion pad
7. Seat cushion frame
8. Seat cushion inner finisher
9. Seat belt buckle assembly
10. Seat frame assembly
11. Leg cover
12. Bolt cover
13. Recline lever
14. Seat cushion outer finisher
15. Leg cover

16. Seat cushion rear finisher
17. Seat cushion lift knobs
18. Seatback board
19. Headrest holder with multi position lock
20. Headrest holder

Conventional Passenger Seat

SEC. 870



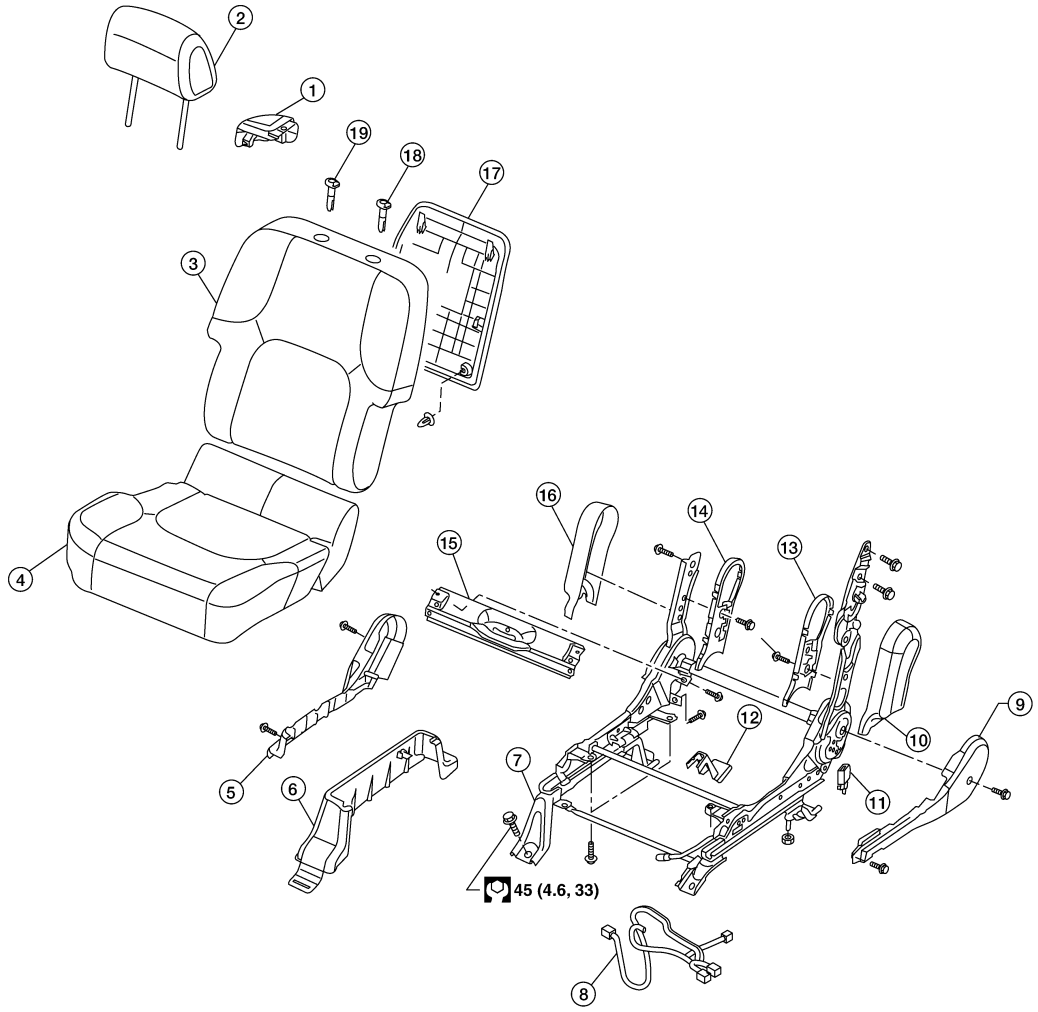
AWJIA0468GB

1. Headrest
2. Seatback assembly with side air bag
3. Switch assembly
4. Power seat switch escutcheon
5. Recliner switch knob
6. Slide switch knob
7. Seat cushion assembly
8. Seat cushion outer cover
9. Leg cover

10. Seat cushion front finisher
11. Passenger seat wiring harness
12. Power seat frame assembly
13. Seat cushion inner finisher
14. Seat belt buckle assembly
15. Leg cover
16. Seat cushion rear finisher
17. Manual seat frame assembly
18. Recline lever
19. Seat cushion rear finisher
20. Seatback board
21. Headrest holder with multi position lock
22. Headrest holder

Fold Flat Passenger Seat

SEC. 870



AWJIA0469GB

1. Front seatback lever
2. Headrest
3. Seatback assembly
4. Seat cushion assembly
5. Seat cushion outer finisher
6. Leg cover
7. Seat frame assembly
8. Passenger seat wiring harness
9. Seat cushion inner cover
10. Inboard reclining arm outer cover
11. Seat belt buckle assembly
12. Leg cover
13. Inboard reclining arm inner cover
14. Outboard reclining arm inner cover
15. Seat cushion rear finisher
16. Outboard reclining arm outer cover
17. Seatback board
18. Headrest holder with multi position lock
19. Headrest holder

Removal and Installation

INFOID:0000000006250016

REMOVAL

When removing or installing the seat trim, handle it carefully to keep dirt out and avoid damage.

CAUTION:

- **Before removing the front seat, turn the ignition switch off, disconnect both battery terminals and wait at least 3 minutes.**
- **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 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, front seatback assembly must be replaced.**
- **Front passenger seat is equipped with an Occupant Classification System sensor and control module. Do not disassemble front passenger seat cushion assembly or remove the trim as this will affect the Occupant Classification System calibration.**
- **Always replace passenger seat cushion as an assembly.**

1. Slide the seat until the 4 mount bolts are visible and a tool can be inserted.
   NOTE:
   Set the front/rear cushion lifters to the top position.
2. Disconnect both battery terminals and wait at least 3 minutes.
3. Disconnect the side air bag module harness connector.
4. Remove the leg covers.
5. Remove the 4 mount bolts.
6. Disconnect the power seat harness connectors and remove the seat from the vehicle.
   NOTE:
   When removing and installing the seat, use shop cloths to protect the vehicle from damage.

INSTALLATION

Installation is in the reverse order of removal.

REAR SEAT

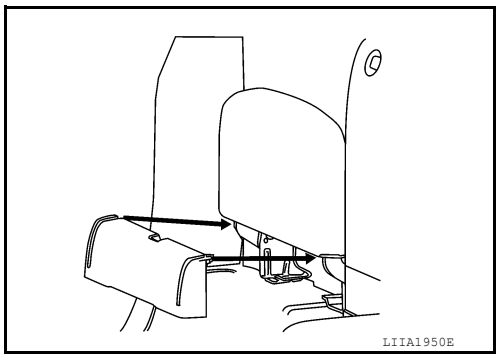
Removal and Installation

INFOID:0000000006250017

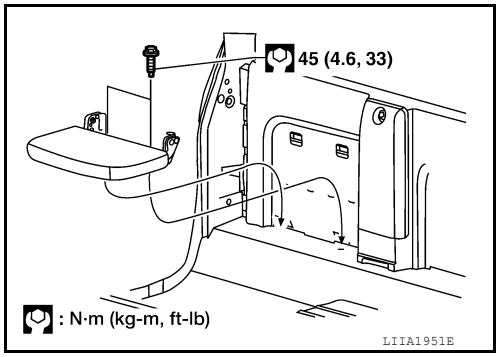
JUMP SEAT (KING CAB)

Removal

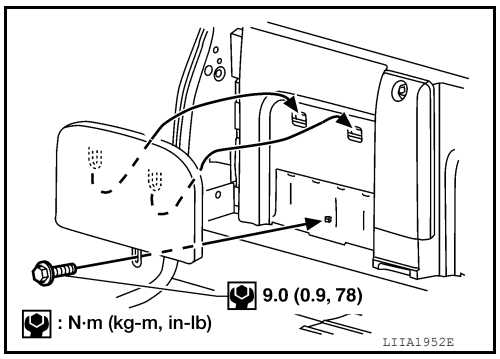
1. Remove seat base trim panel.



2. Remove the seat cushion bolts and assembly.



3. Remove the bolt, lift and remove the seatback assembly.



Installation

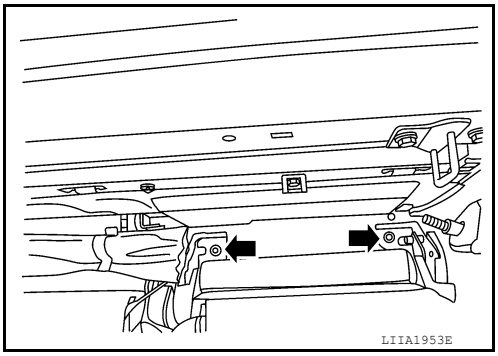
Installation is in the reverse order of removal.

BENCH SEAT LH (CREW CAB)

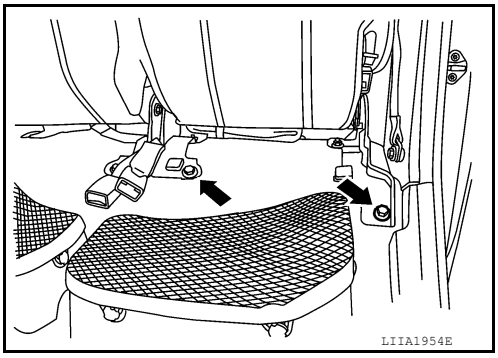
Removal

1. Remove the seat hinge finishers.

2. Release the seatback latch and tilt the seatback down. Remove the nuts.



3. Raise the seatback.
4. Tilt the seat cushion up.
5. Remove the seat bolts.
6. Remove the seat.



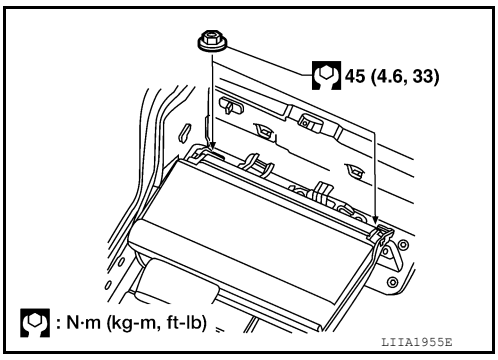
Installation
Installation is in the reverse order of removal.
NOTE:
Make sure the washers are on the rear studs prior to seat assembly installation.

Seat nuts	**: 45 N·m (4.6 kg-m, 33 ft-lb)**
Seat bolts	**: 45 N·m (4.6 kg-m, 33 ft-lb)**

BENCH SEAT RH (CREW CAB)

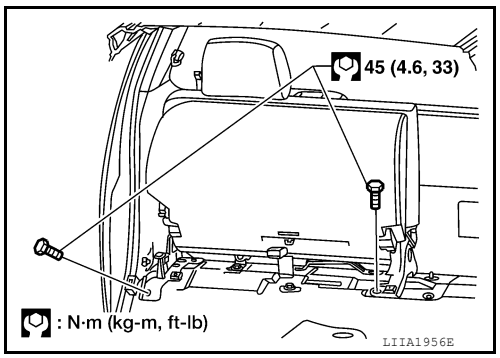
Removal

1. Remove the seat hinge finishers.
2. Release the seatback latch and tilt the seatback down. Remove the nuts.



3. Raise the seatback.

4. Remove the seat belt buckle from the cushion.
5. Remove the seat bolts.
6. Remove the seat assembly.



Installation

Installation is in the reverse order of removal.

NOTE:

Make sure the washers are on the rear studs prior to seat assembly installation.

UNIT DISASSEMBLY AND ASSEMBLY

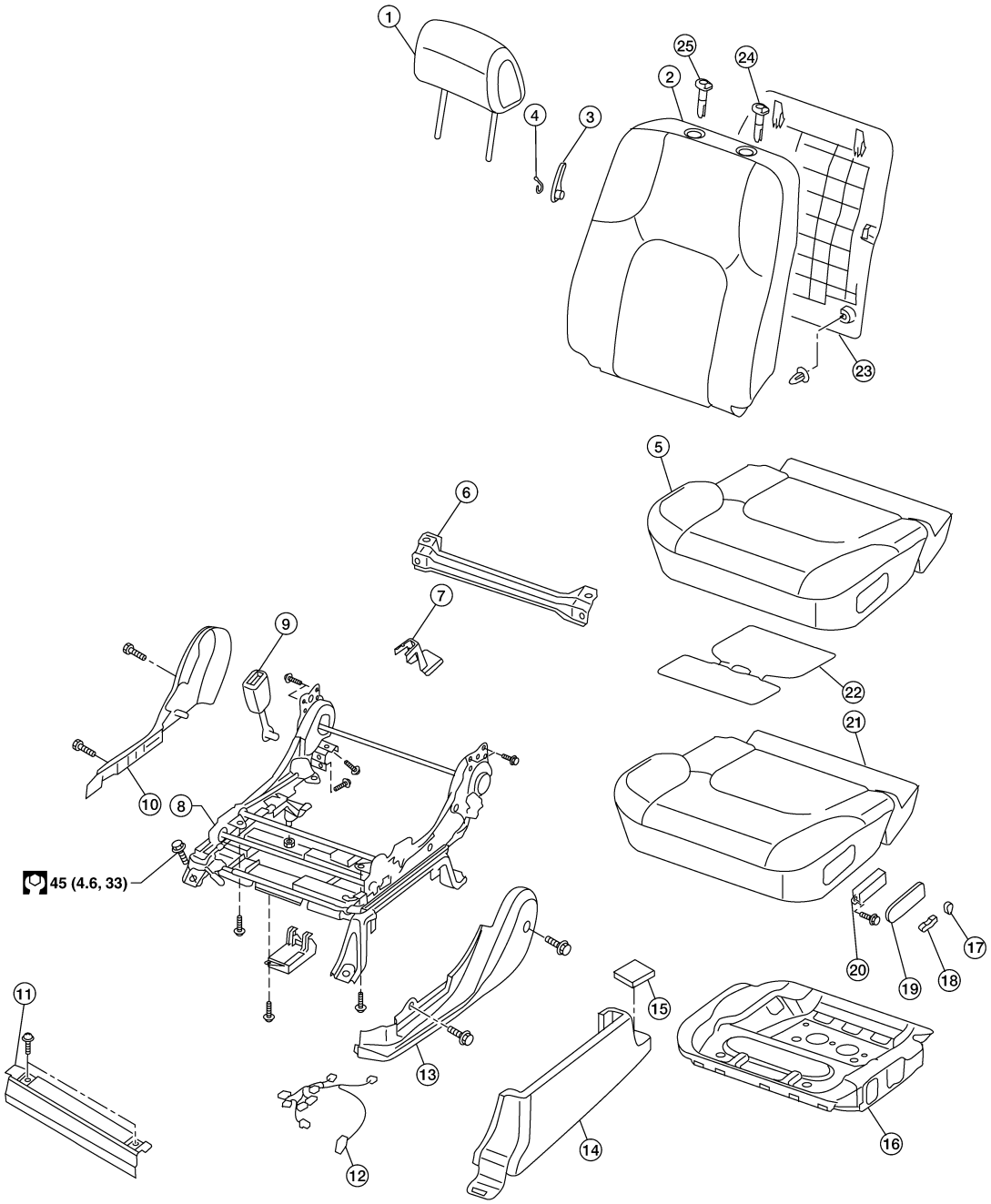
FRONT SEAT

Component

INFOID:0000000006250018

Power Driver Seat

SEC. 870

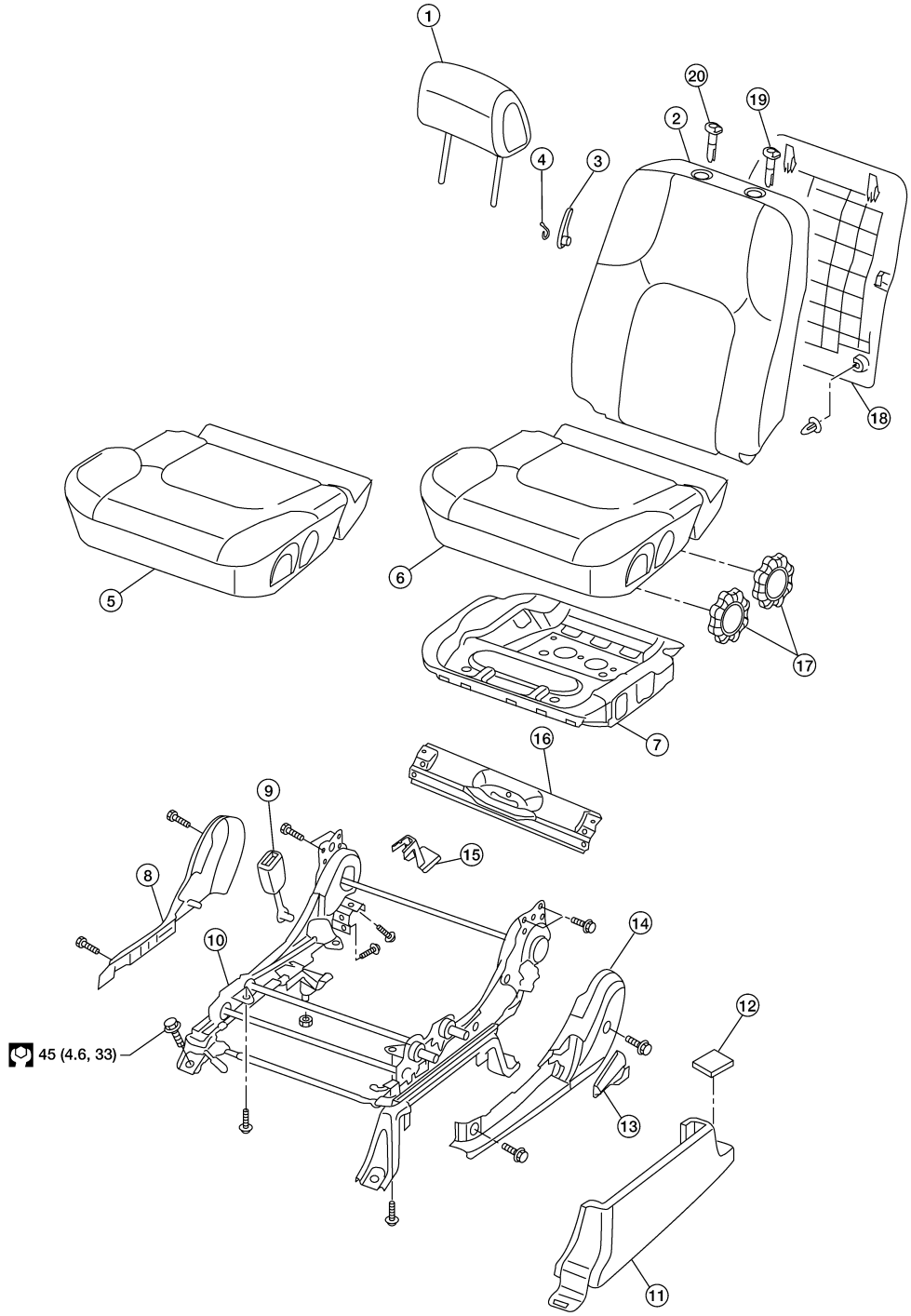


AWJIA0466GB

1. Headrest
2. Seatback assembly
3. Lumbar support lever knob
4. Snap ring
5. Seat cushion trim
6. Power seat cushion rear finisher
7. Leg Cover
8. Seat frame assembly
9. Seat belt buckle assembly
10. Seat cushion inner finisher
11. Seat cushion front finisher
12. Driver seat wiring harness
13. Seat cushion outer finisher
14. Leg cover
15. Bolt cover
16. Seat cushion frame
17. Recliner switch knob
18. Slide switch knob
19. Power seat switch escutcheon
20. Switch assembly
21. Seat cushion pad
22 Seat cushion heating element
23 Seatback board (if equipped)
24. Headrest holder with multi position lock
25. Headrest holder

Manual Driver Seat

SEC. 870



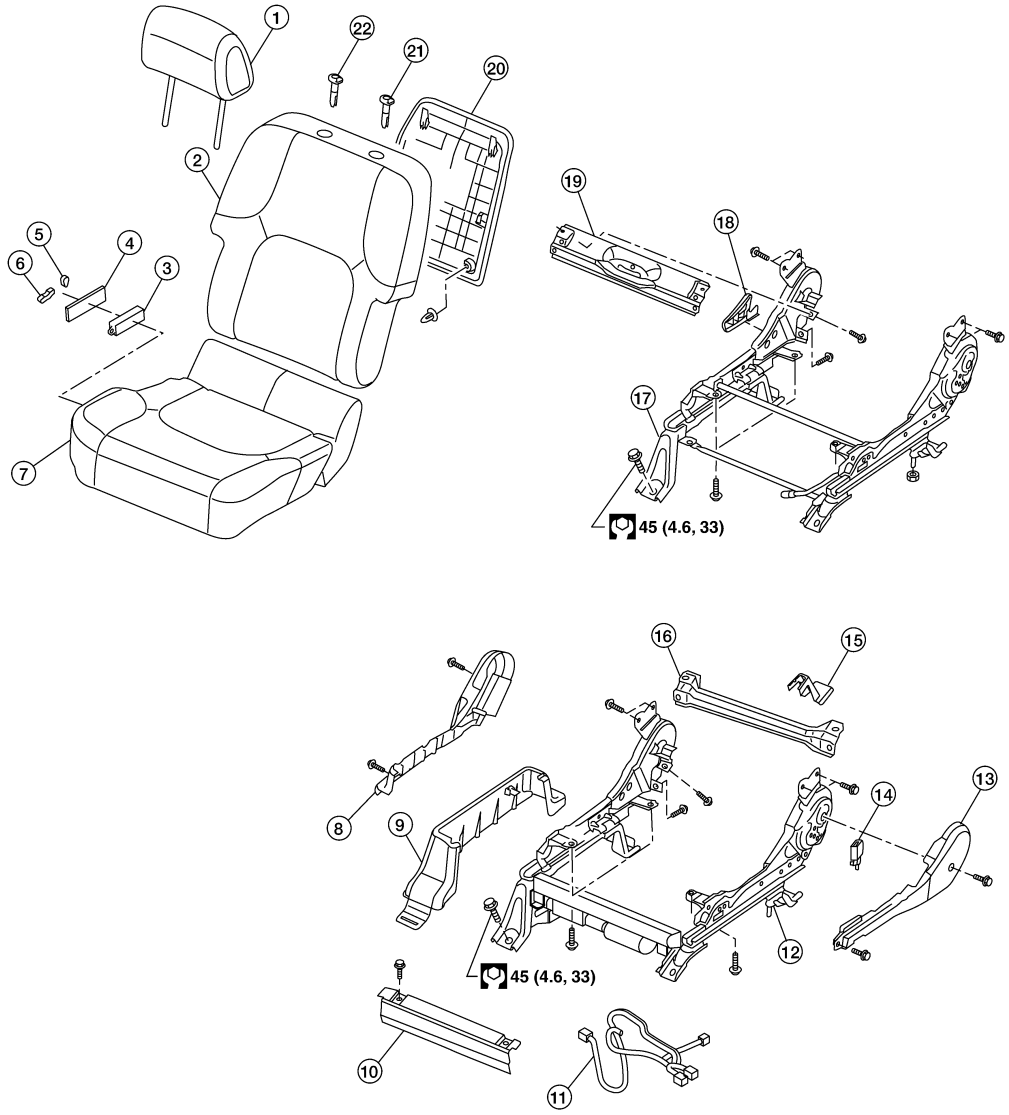
AWJIA0467GB

1. Headrest
2. Seatback assembly
3. Lumbar support lever knob
4. Snap ring
5. Seat cushion trim cover
6. Seat cushion pad
7. Seat cushion frame
8. Seat cushion inner finisher
9. Seat belt buckle assembly
10. Seat frame assembly
11. Leg cover
12. Bolt cover
13. Recline lever
14. Seat cushion outer finisher
15. Leg cover

16. Seat cushion rear finisher
17. Seat cushion lift knobs
18. Seatback board
19. Headrest holder with multi position lock
20. Headrest holder

Conventional Passenger Seat

SEC. 870



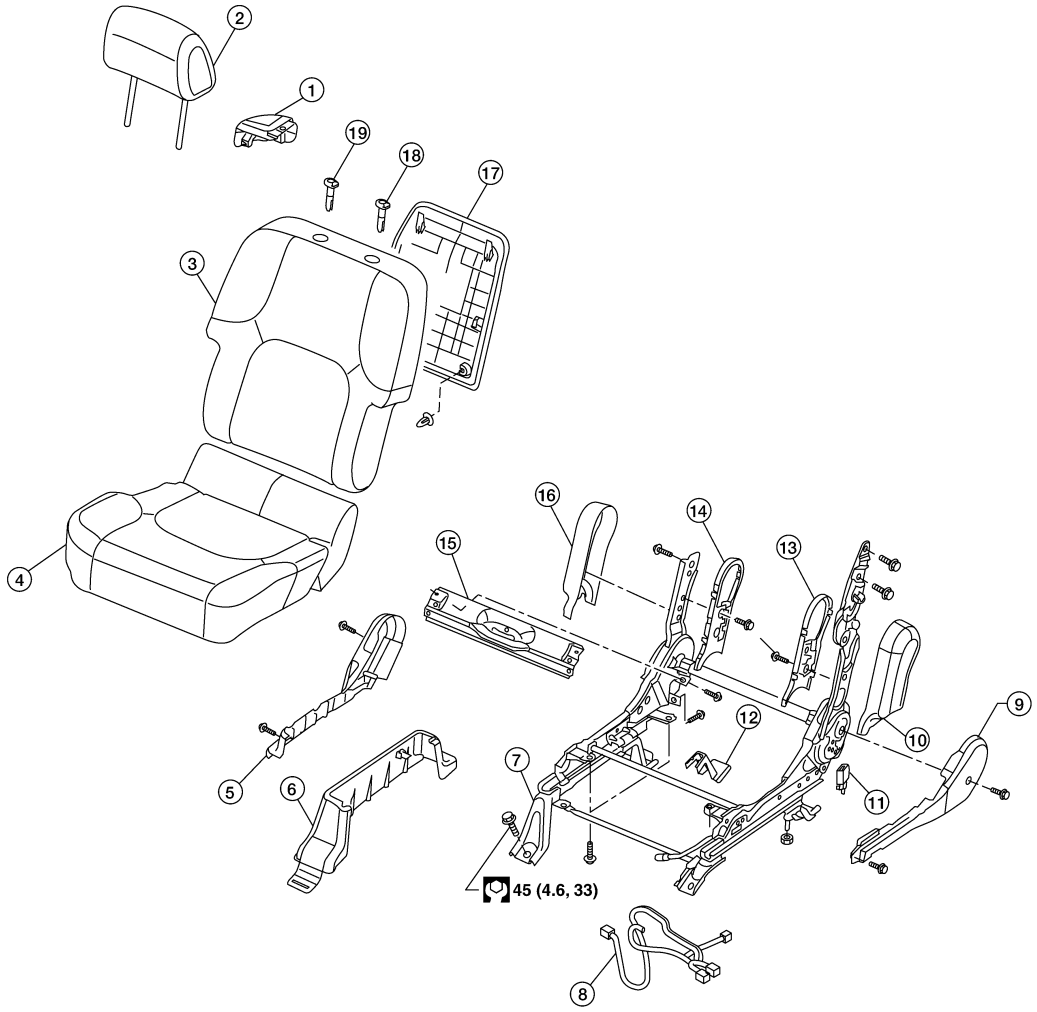
AWJIA0468GB

1. Headrest
2. Seatback assembly with side air bag
3. Switch assembly
4. Power seat switch escutcheon
5. Recliner switch knob
6. Slide switch knob
7. Seat cushion assembly
8. Seat cushion outer cover
9. Leg cover

10. Seat cushion front finisher
11. Passenger seat wiring harness
12. Power seat frame assembly
13. Seat cushion inner finisher
14. Seat belt buckle assembly
15. Leg cover
16. Seat cushion rear finisher
17. Manual seat frame assembly
18. Recline lever
19. Seat cushion rear finisher
20. Seatback board
21. Headrest holder with multi position lock
22. Headrest holder

Fold Flat Passenger Seat

SEC. 870



AWJIA0469GB

1. Front seatback lever
2. Headrest
3. Seatback assembly
4. Seat cushion assembly
5. Seat cushion outer finisher
6. Leg cover
7. Seat frame assembly
8. Passenger seat wiring harness
9. Seat cushion inner cover
10. Inboard reclining arm outer cover
11. Seat belt buckle assembly
12. Leg cover
13. Inboard reclining arm inner cover
14. Outboard reclining arm inner cover
15. Seat cushion rear finisher
16. Outboard reclining arm outer cover
17. Seatback board
18. Headrest holder with multi position lock
19. Headrest holder

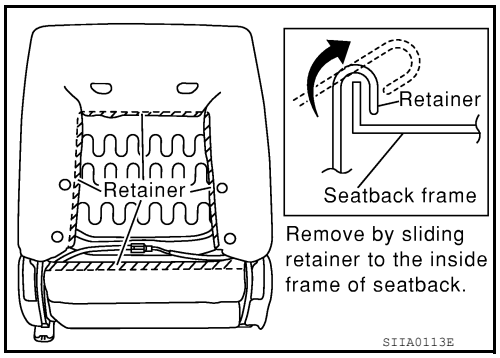
Seatback Assembly

INFOID:0000000006250019

REMOVAL

NOTE:
On vehicles equipped with side air bags, only complete seatback assemblies can be replaced.

1. Remove the seatback board from the back of the seatback. Refer to Seatback Board - Soft Seatback or Seatback Board - Hard Seatback in this procedure.
2. Remove the retainer.

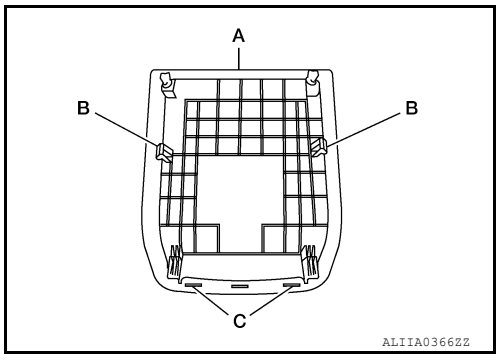


3. Disconnect the seatback heater harness.
4. Remove the seatback bolts (two for each side) and seatback assembly.

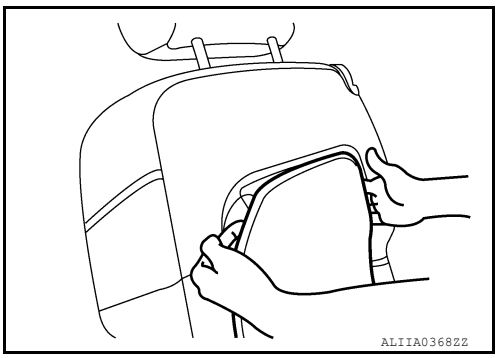
SEATBACK BOARD - SOFT SEATBACK

Removal

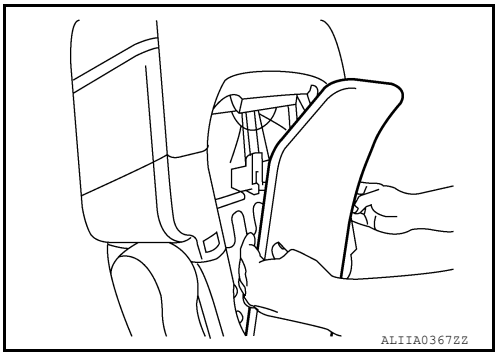
1. The seatback board is attached to the seat frame with the following:
   - 2 top tabs (A)
   - 2 side tabs (B)
   - 2 bottom clips (C) (must be replaced)
2. Move seat to forward position.



3. Hold the seatback board as shown and pull the top of the seatback board down and away from the seat back frame.



4. Pull the middle part of the seatback board to disengage the side tabs from the seatback frame.
5. Pull the lower part of the seatback board to disengage the bottom clips from the seatback frame.



Installation

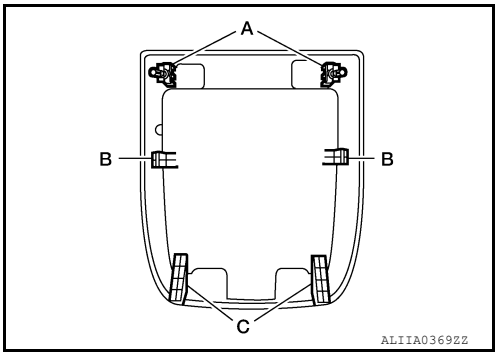
Installation is in the reverse order of removal.

- The two bottom clips must be replaced for installation
- Secure the side tabs last for installation

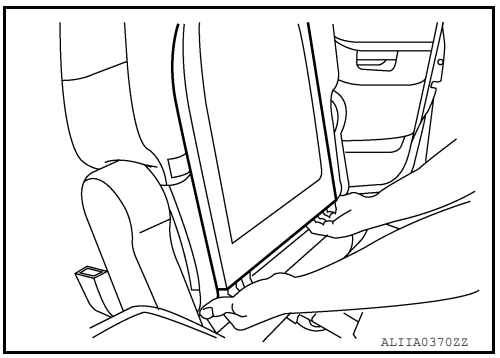
SEATBACK BOARD - HARD SEATBACK

Removal

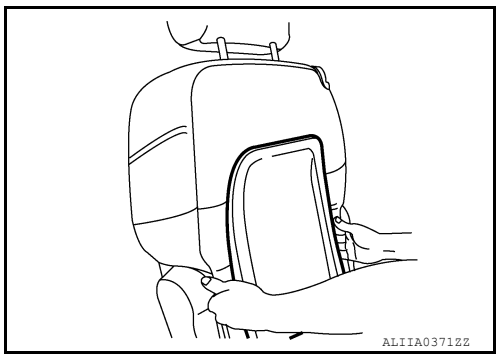
1. Remove the seatback assembly. Refer to SE-28, "Removal and Installation".
2. The seatback board is attached to the seat frame with the following:
   - 2 top tabs (A)
   - 2 side tabs (B)
   - 2 bottom clips (C) (must be replaced)
3. Move seat to forward position.



4. Hold the seatback board as shown and pull the bottom of the seatback board away from the seat back frame.



5. Pull the middle part of the seatback board up and away to disengage the side tabs from the seatback frame.



6. Lift the upper part of the seatback board to disengage the top tabs from the seatback frame.

Installation

Installation is in the reverse order of removal.

- The two bottom clips must be replaced for installation
- Secure the side tabs last for installation

INSTALLATION

Installation is in the reverse order of removal.

Seat Cushion Trim and Pad

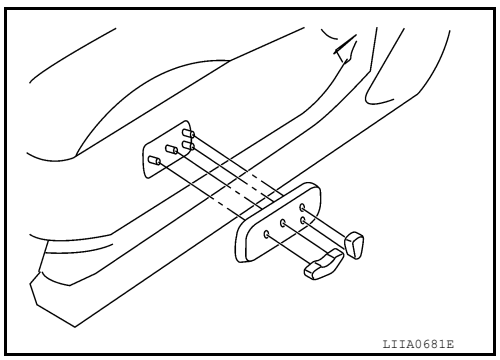
INFOID:0000000006250020

REMOVAL

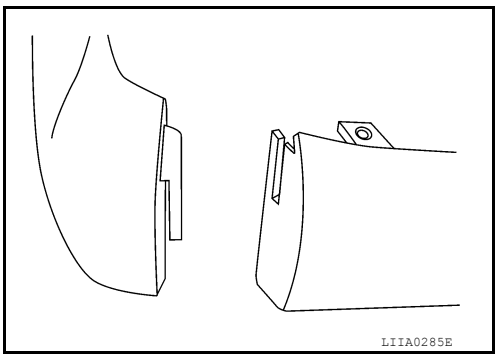
CAUTION:

- **Front passenger seat is equipped with an Occupant Classification System sensor and control module. Do not disassemble front passenger seat cushion assembly or remove the trim as this will affect the Occupant Classification System calibration.**
- **Always replace passenger seat cushion as an assembly.**
- **When removed, the passenger seat cushion must always be placed pan side UP to prevent damage.**
- **During installation, the wire harness clips must be reinstalled in the holes they were originally in. Do not add additional clips.**
- **The Occupant Classification System control module can only be replaced as part of the seat cushion assembly.**

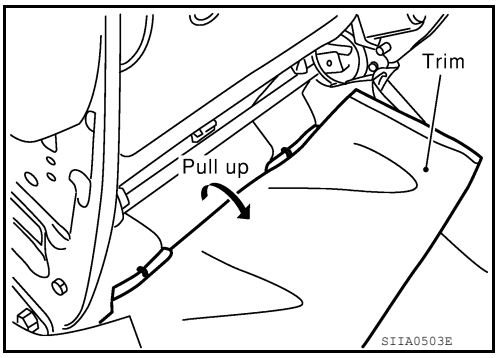
1. Remove the front seat assembly. Refer to SE-28, "Removal and Installation".
2. Remove the power seat switch knobs and power seat switch escutcheon (if equipped) (or lift knobs on manual seats).



3. Remove the seat cushion outer finisher.



4. Remove the power seat switch screws.
5. Remove four bolts and the seat cushion assembly.
   - On the fold flat passenger seat it is necessary to unclip the rear flap j-clip from the seat pan.



6. Remove the retainer on the seat cushion frame, then remove the harness connector for the seat cushion heater (if equipped).

DISASSEMBLY

CAUTION:

- **Front passenger seat is equipped with an Occupant Classification System sensor and control module. Do not disassemble front passenger seat cushion assembly or remove the trim as this will affect the Occupant Classification System calibration.**

1. Remove the seat cushion assembly.
2. On the drivers seat only, remove the hog rings to separate the trim cover from the pad and seat cushion heater unit.

ASSEMBLY

Assembly is in the reverse order of disassembly.

INSTALLATION

Installation is in the reverse order of removal.

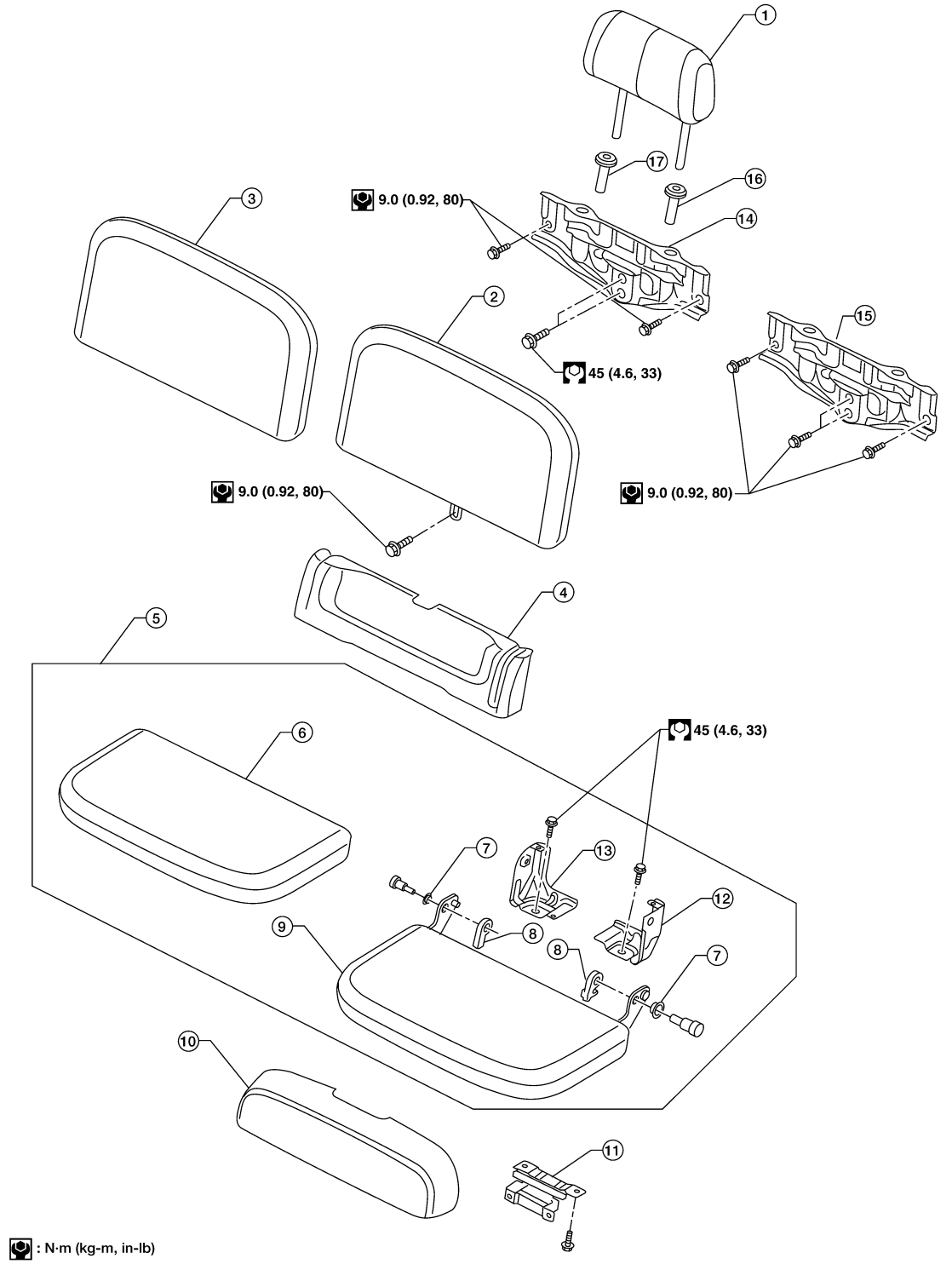
REAR SEAT

Disassembly and Assembly

INFOID:0000000006250021

Jump Seat (King Cab)

SEC. 880

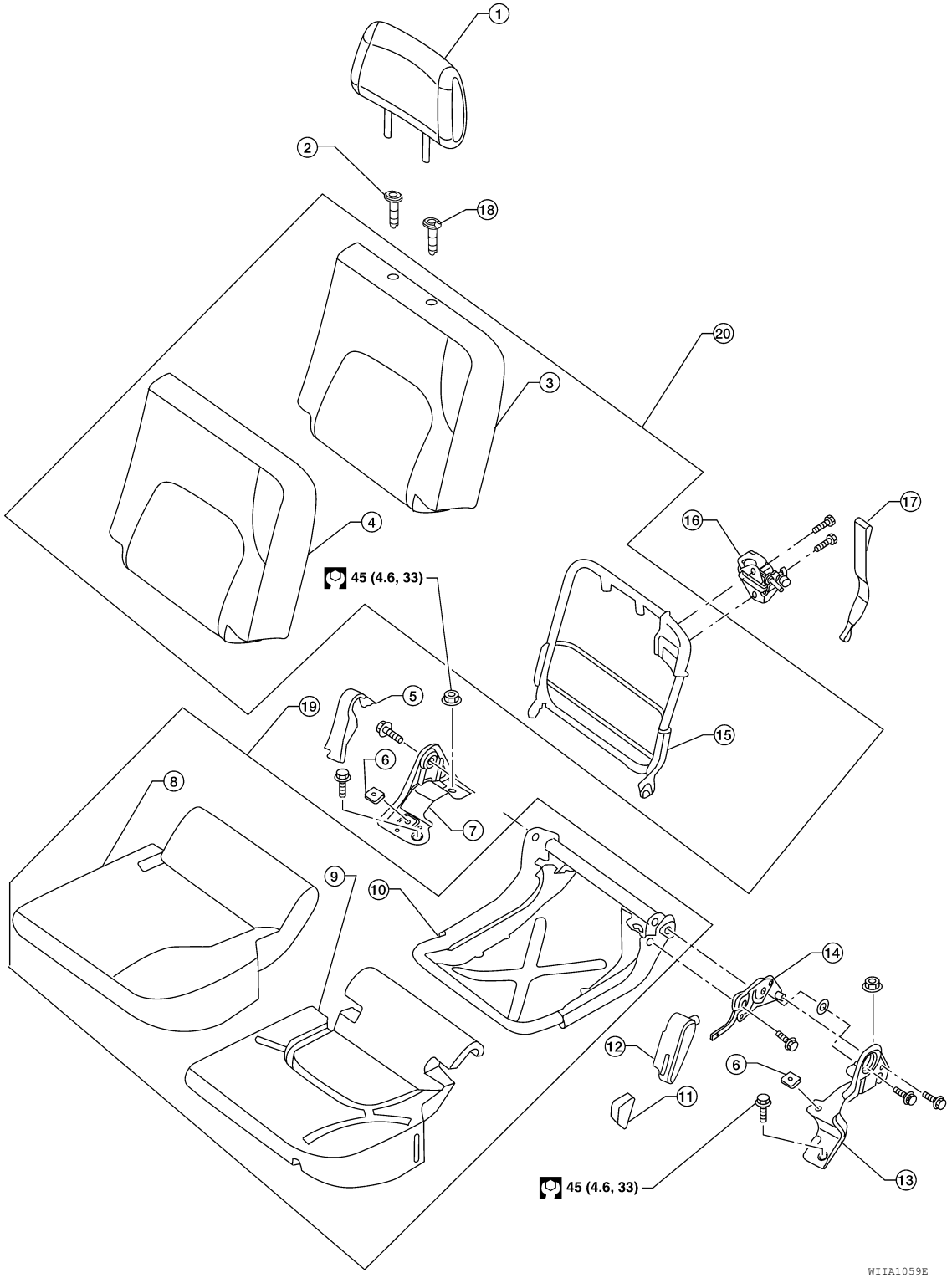


1. Headrest
2. Seatback pad and frame
3. Seatback trim cover
4. Seat base trim panel
5. Seat cushion assembly
6. Seat cushion trim cover
7. Bushing
8. Spacer
9. Seat cushion pad and frame

10. Child seat extension (Passenger side only)
11. Child seat extension hinge
12. Inboard jump seat pivot riser
13. Outboard jump seat pivot riser
14. RH headrest plate
15. LH headrest plate
16. Inboard headrest locking guide
17. Outboard headrest guide

Bench Seat LH (Crew Cab)

SEC. 880

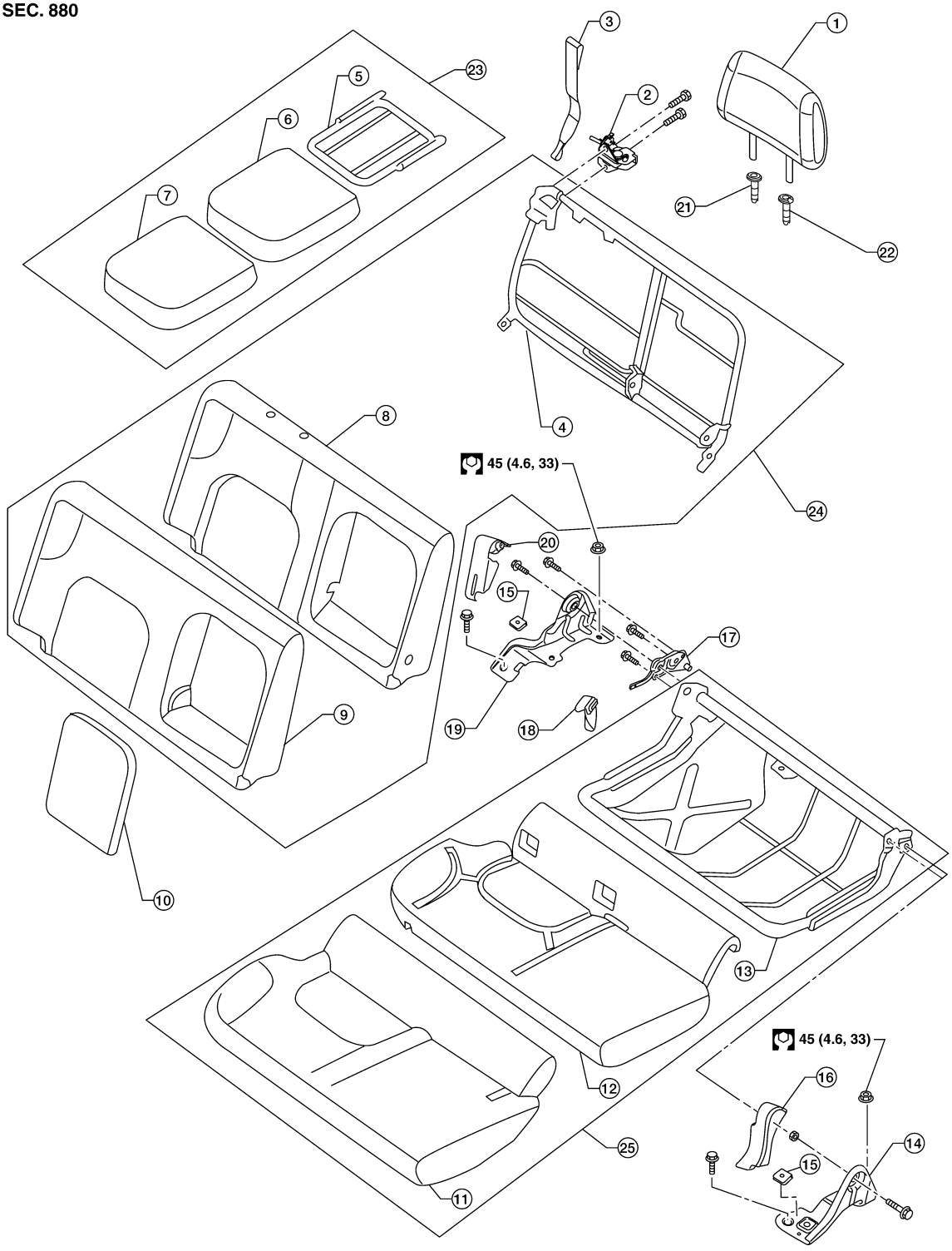


1. Headrest
2. Inboard headrest guide
3. Seatback pad
4. Seatback trim cover
5. Inboard pivot cover
6. Seat cushion bumper RH/LH

7. Inboard seat cushion pivot riser
8. Seat cushion trim cover
9. Seat cushion pad
10. Seat cushion pan
11. Seat cushion hinge release handle
12. Seat cushion hinge cover
13. Outboard seat cushion pivot riser
14. Seat cushion hinge assembly
15. Seatback frame
16. Seatback latch assembly
17. Seatback latch release strap
18. Outboard headrest locking guide
19. Seat cushion assembly
20. Seatback assembly

Bench Seat RH (Crew Cab)

SEC. 880



1. Headrest
2. Seatback latch assembly
3. Seatback latch release strap
4. Seatback frame
5. Armrest frame
6. Armrest pad
7. Armrest trim cover
8. Seatback pad
9. Seatback trim cover
10. Seatback armrest opening board
11. Seat cushion trim cover
12. Seat cushion pad
13. Seat cushion frame
14. Inboard pivot riser
15. Seat cushion bumper RH/LH
16. Inboard pivot riser cover
17. Seat cushion hinge assembly
18. Seat cushion hinge release handle
19. Outboard pivot riser
20. Outboard pivot riser cover
21. Outboard headrest guide
22. Inboard headrest locking guide
23. Armrest assembly
24. Seatback assembly
25. Seat cushion assembly