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SECTION SE

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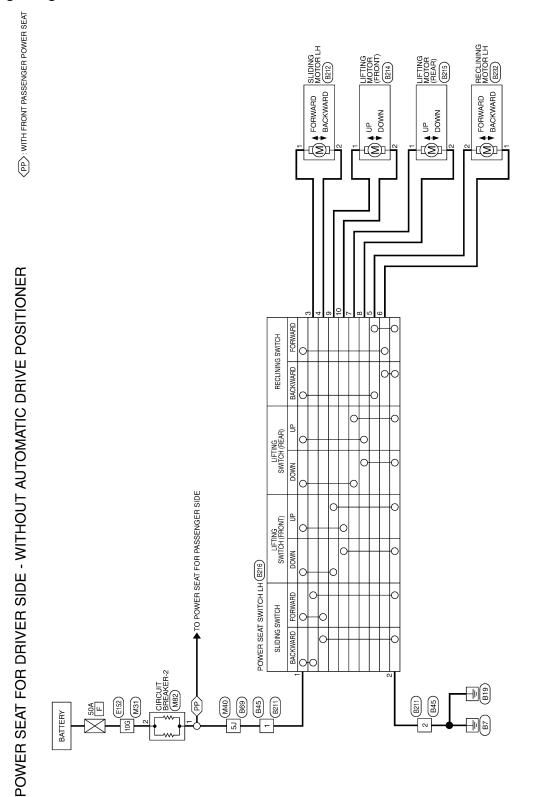
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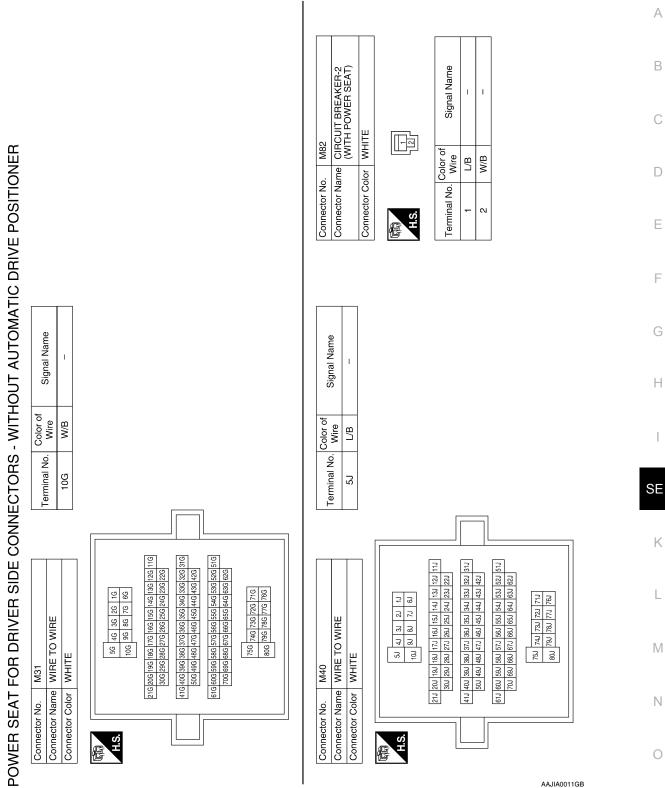
COMPONENT DIAGNOSIS POWER SEAT

Wiring Diagram — Driver Side Without Automatic Drive Positioner —



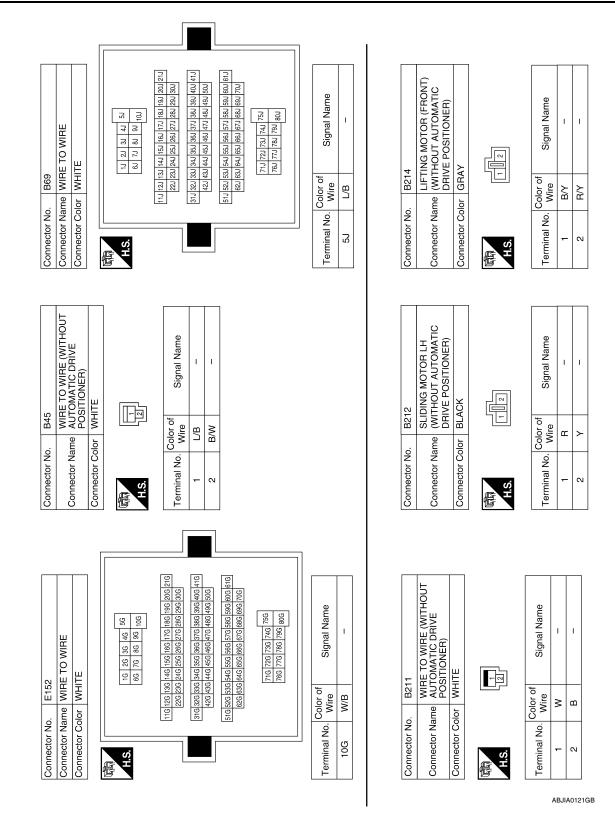
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POWER SEAT



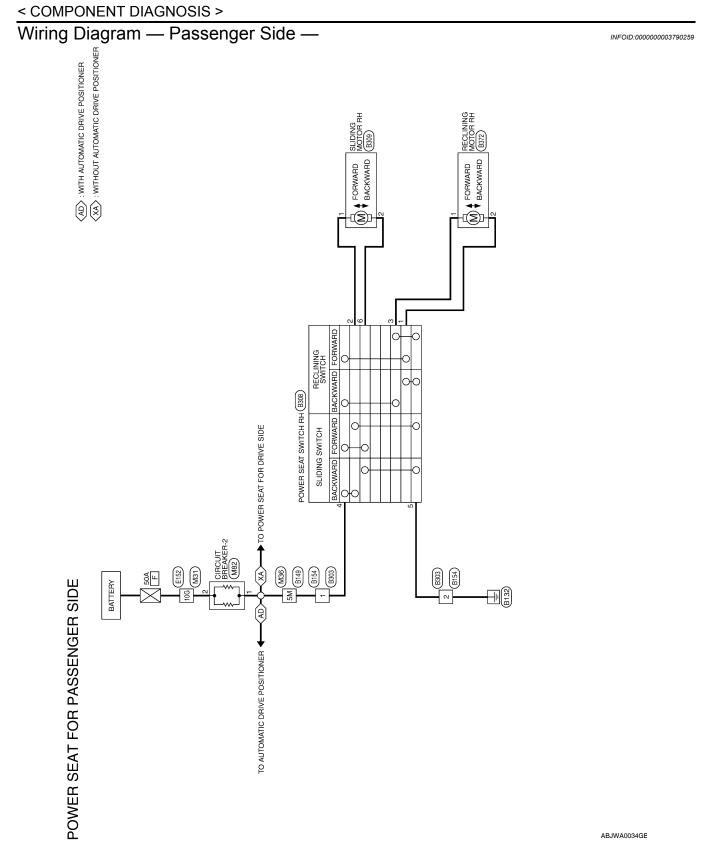
POWER SEAT

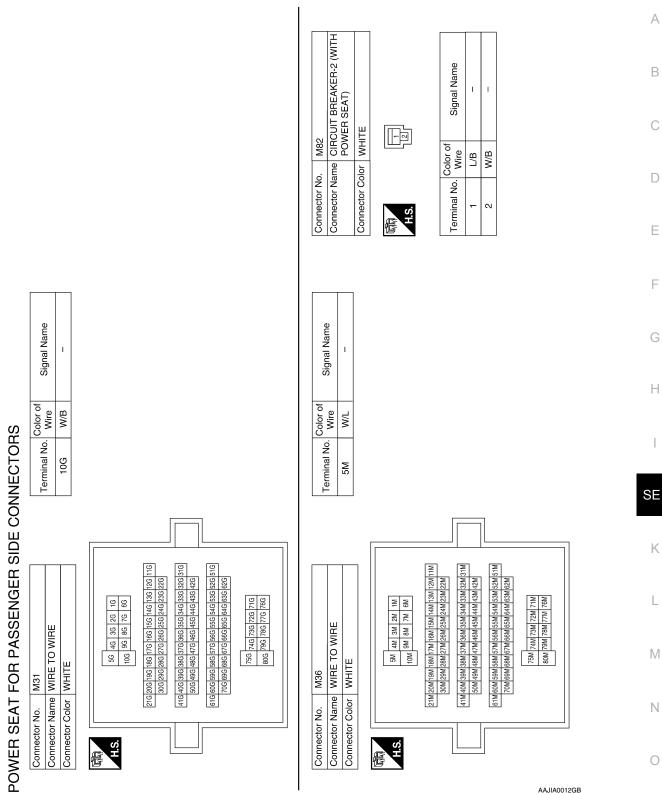
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B216 Terminal No	POWER SEAT SWITCH LH (WITHOUT AUTOMATIC		WHITE 7	5 6 9 8 4 9 4 9 4 9 4 9 4 9 5 5 9 7 3 5 9 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	10	Color of Sirnal Name		- M	B	Р. –	
	Connector Name		Connector Color		H.S.	Tarminal No Colo		-	2	с П	4
	LIFTING MOTOR (REAR) (WITHOUT AUTOMATIC	/E POSITIONER)	AY			Color of Signal Name		I	-		
B215	Connector Name (WITHO	DRIV	GRAY	Ľ		, S	Ξl	>	W/G		

POWER SEAT

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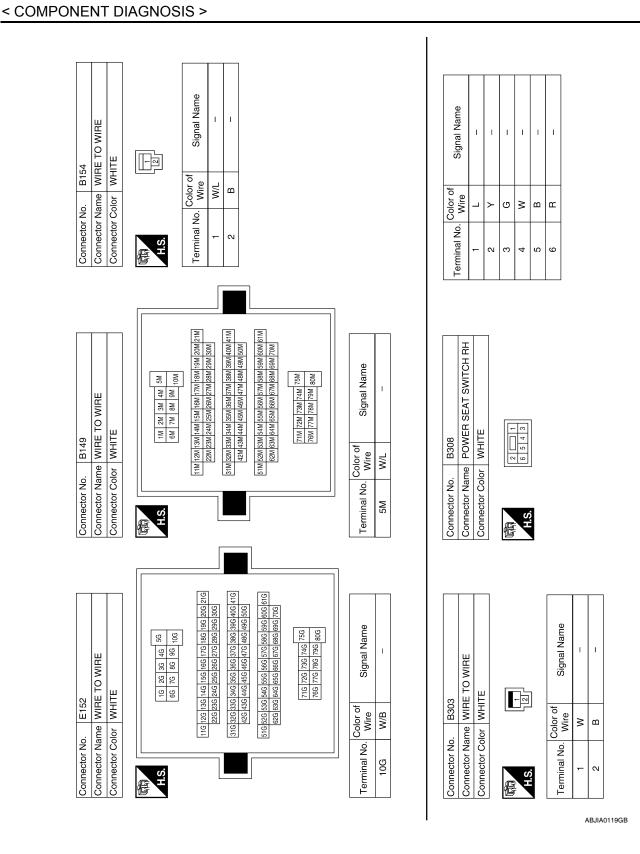
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SE-7

POWER SEAT



POWER SEAT

POWER SEAT

< COMPONENT DIAGNOSIS >

B372	Connector Name RECLINING MOTOR RH	WHITE	
Connector No.	Connector Name	Connector Color WHITE	国 H.S.

Connector Name SLIDING MOTOR RH Connector Color GRAY

Connector No. B309

	Signal Name	I	I
٢ <u>=</u>	Color of Wire	Y	н
雨 H.S.	Terminal No. Wire	+	2

2	Signal Name	I	I
	Color of Wire	ß	Γ
H.S.	Terminal No.	ļ	2

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HEATED SEAT

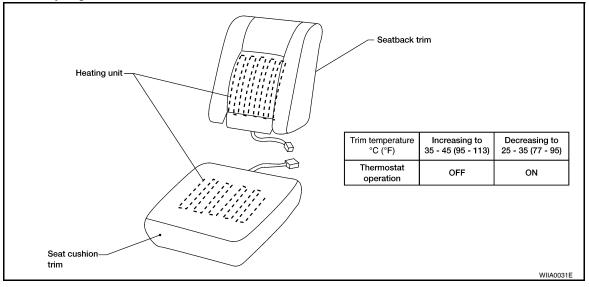
< COMPONENT DIAGNOSIS >

HEATED SEAT

Description

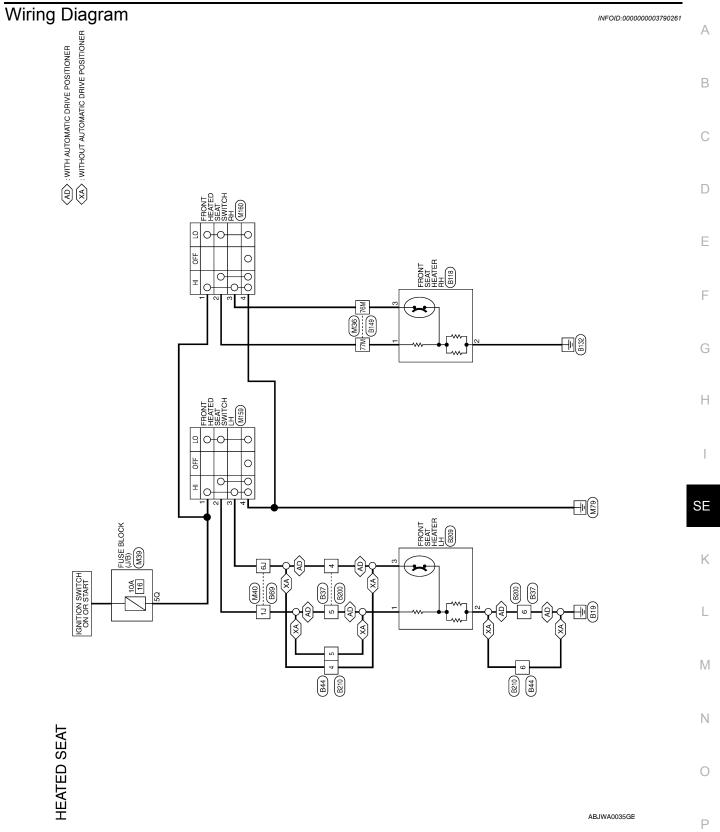
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- When handling seat, be extremely careful not to scratch heating unit.
- Front passenger seat cushion and seatbacks equipped with air bags cannot be disassembled. They are replaced as assemblies only.
- Do not use any organic solvent, such as thinner, benzene, alcohol, etc. to clean trim.



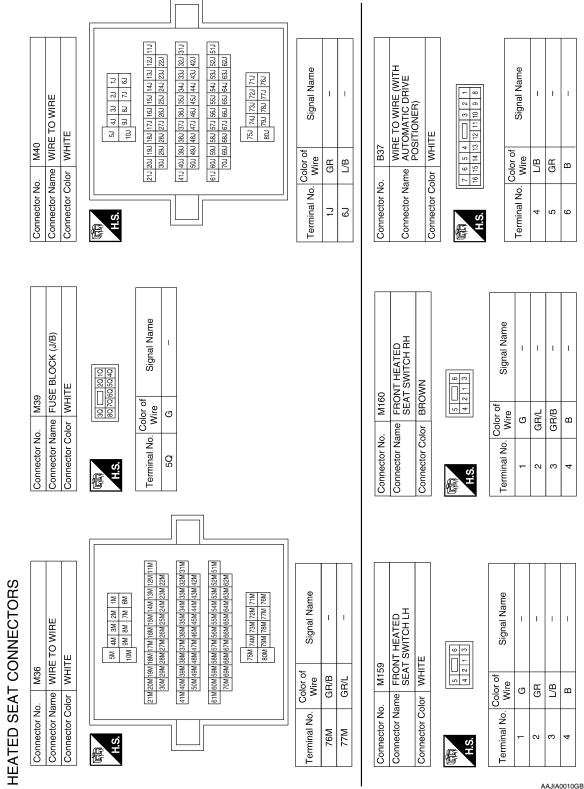
HEATED SEAT

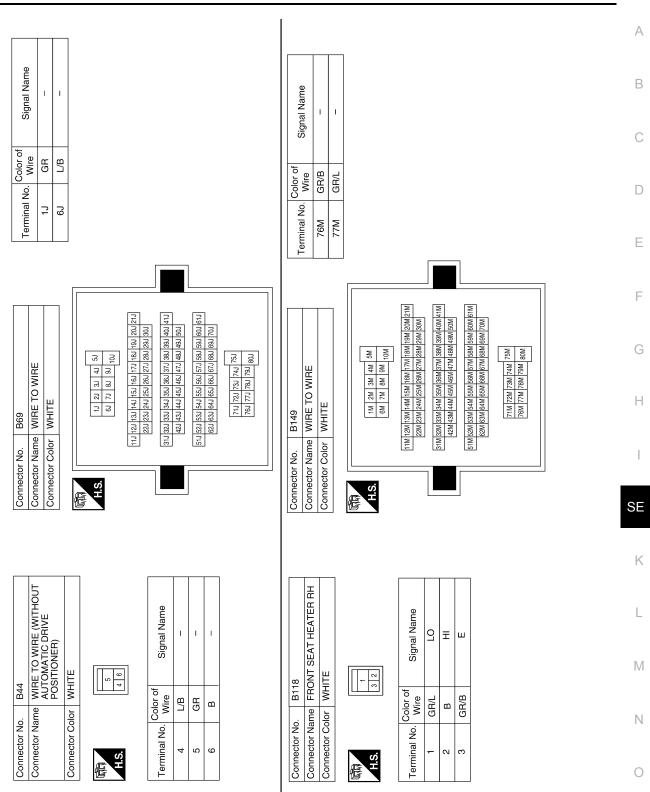
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HEATED SEAT

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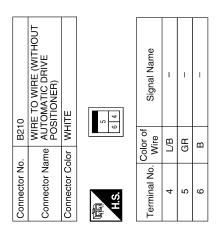
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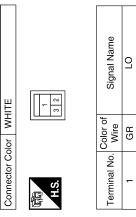
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HEATED SEAT

< COMPONENT DIAGNOSIS >







Connector No.	No.		ш	B200				
Connector Name	Nar	ne	s∢₫	WIRE TO WIR AUTOMATIC [POSITIONER)	ĭZŽ⊇	SEZ.	WIRE TO WIRE (WIT AUTOMATIC DRIVE POSITIONER)	WIRE TO WIRE (WITH AUTOMATIC DRIVE POSITIONER)
Connector Color WHITE	Ö	2	5	ΗH	ш			
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L L L L	-	2	Э		4	5 6	6 7	
		t	İ	ŀ		I		

Connector Name FRONT SEAT HEATER LH

B209

Connector No.

4 5 6 7	12 13 14 15 16	Signal Name
с С	10 11 12	Color of Wire
2	თ	S≤
	H.S.	Terminal No.

	Color of Wire	GR	0	٩
	Terminal No.	-	2	e
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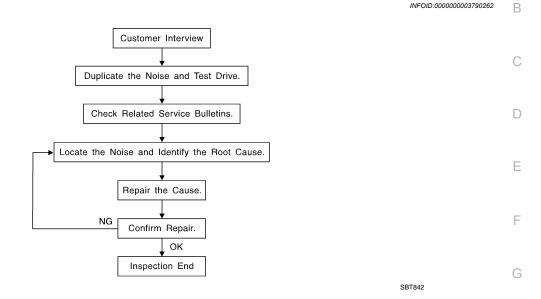
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< SYMPTOM DIAGNOSIS >

SYMPTOM DIAGNOSIS SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow



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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 <u>SE-19</u>, "<u>Diagnostic Worksheet</u>". 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

< SYMPTOM DIAGNOSIS >

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 A/T model).
- 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 <u>SE-17, "Generic Squeak and Rattle Troubleshooting"</u>.

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.

< SYMPTOM DIAGNOSIS >

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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	A
Insulates where slight movement is present. Ideal for instrument panel applications.	
SILICONE GREASE	В
Used instead of UHMW tape that will be visible or not fit.	D
Note: Will only last a few months. SILICONE SPRAY	
Use when grease cannot be applied.	С
DUCT TAPE	0
Use to eliminate movement.	
CONFIRM THE REPAIR	D
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	Ε
Refer to Table of Contents for specific component removal and installation information.	
INSTRUMENT PANEL	F
Most incidents are caused by contact and movement between:	
1. The cluster lid A and instrument panel	
2. Acrylic lens and combination meter housing	G
3. Instrument panel to front pillar garnish	
4. Instrument panel to windshield	
·	Н
5. Instrument panel mounting pins	
6. Wiring harnesses behind the combination meter	
7. A/C defroster duct and duct joint	I
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 har-	SE
ness.	
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.	Κ
•	
CENTER CONSOLE	
Components to pay attention to include:	L
1. Shifter assembly cover to finisher	
2. A/C control unit and cluster lid C	
Wiring harnesses behind audio and A/C control unit	M
The instrument panel repair and isolation procedures also apply to the center console.	
DOORS	N
Pay attention to the:	Ν
1. Finisher and inner panel making a slapping noise	
2. Inside handle escutcheon to door finisher	0
3. Wiring harnesses tapping	0
 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	Р
many of these incidents. You can usually insulate the areas with felt cloth tape or insulator foam blocks from the NISSAN Squeak and Pattle Kit (12280) to repair the neise	

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

< SYMPTOM DIAGNOSIS >

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

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

< SYMPTOM DIAGNOSIS >

Diagnostic Worksheet

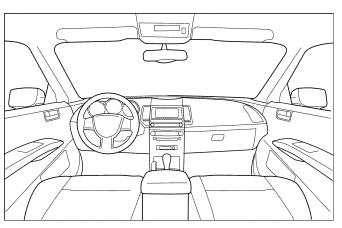
Dear Customer:

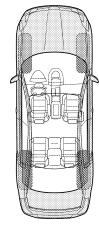
We are concerned about your satisfaction with your vehicle. Repairing a squeak or rattle sometimes can be very difficult. To help us fix your vehicle right the first time, please take a moment to note the area of the vehicle where the squeak or rattle occurs and under what conditions. You may be asked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

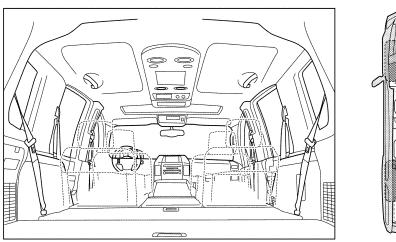
SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

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.

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SQUEAK & RATTLE DIAGNOSTIC WOR	(SHEET - p	age 2		
Briefly describe the location where the nois	se occurs:			
II. WHEN DOES IT OCCUR? (please che	ck the boxes	s that app	lv)	
Anytime 1st time in the morning Only when it is cold outside Only when it is hot outside WHEN DRIVING:	When Dry o Othe	n it is rain or dusty co r: AT TYPE (OF NOISE	1
 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 	Creal Creal Rattle Knoc Tick (k (like wal e (like sha k (like a k (like a cloo np (heavy	lking on ar Iking a bal nock at th ck second	e door) hand) lock noise)
Other: Miles or minu	ites			
Other:	ERSONNEL	YES	NO	Initials of person performing
Other: miles or minu After driving miles or minu TO BE COMPLETED BY DEALERSHIP P	ERSONNEL		NO	Initials of person performing
Other: miles or minu After driving miles or minu TO BE COMPLETED BY DEALERSHIP P Test Drive Notes: Vehicle test driven with customer Noise verified on test drive Noise source located and repaired	n repair	YES		performing

< PRECAUTION > PRECAUTION

PRECAUTIONS

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

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.

Precaution for Work

- 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 keep them.
- 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 re-installation is completed, be sure to check that each part works normally.
- · Follow the steps below to clean components.
- Water soluble foul: Dip a soft cloth into lukewarm water, and wring the water out of the cloth to wipe the fouled area.

Then rub with a soft and dry cloth.

- Oily foul: Dip a soft cloth into lukewarm water with mild detergent (concentration: within 2 to 3%), and wipe the fouled area.

Then dip a cloth into fresh water, and wring the water out of the cloth to wipe the detergent off. Then rub with a soft and dry cloth.

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

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PREPARATION

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PREPARATION PREPARATION

Special Service Tool

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

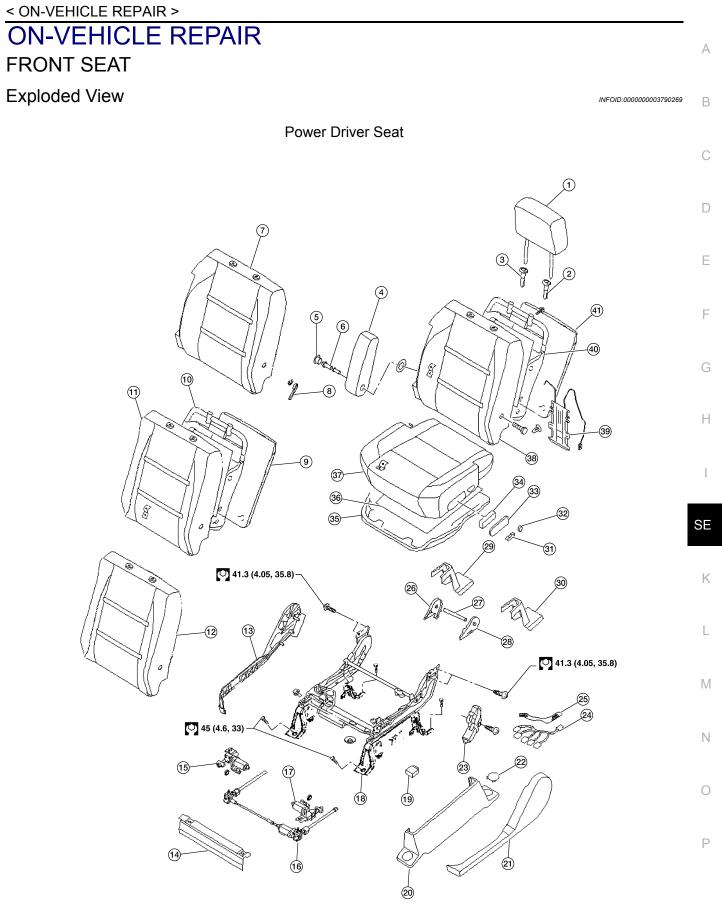
Tool number (Kent-Moore No.) Tool name		Description
 (J-39570) Chassis ear	SIIA0993E	Locating the noise
 (J-43980) NISSAN Squeak and Rattle Kit	SIIA0994E	Repairing the cause of noise

Commercial Service Tool

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

FRONT SEAT



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FRONT SEAT

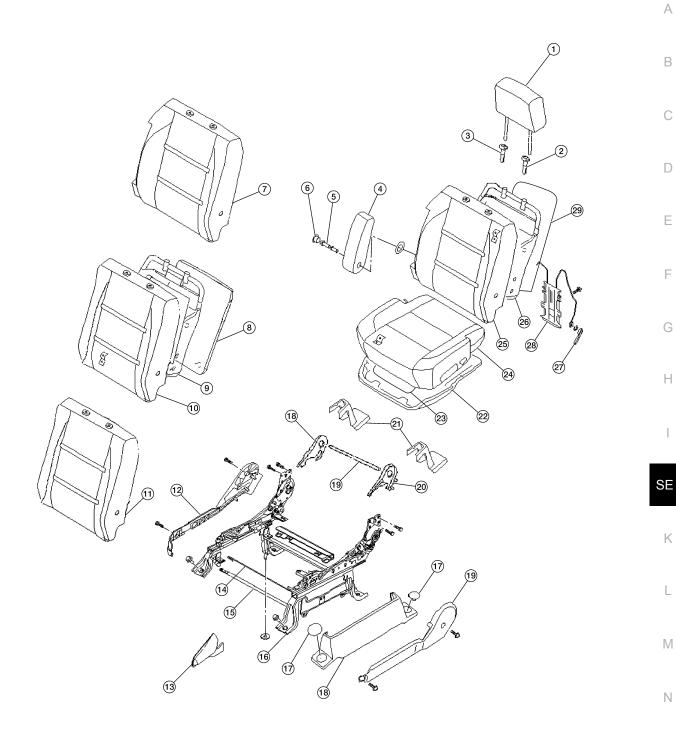
< ON-VEHICLE REPAIR >

- 1. Headrest
- 4. Armrest assembly (if equipped)
- 7. Seatback assembly with armrest, with side airbag (if equipped)
- 10. Seatback frame assembly without armrest, without airbag (if equipped)
- 13. Seat cushion inner finisher
- 16. Seat slide motor assembly
- 19. Power seat controller
- 22. Bolt cover
- 25. Wire harness cover
- 28. Outer reclining cover
- 31. Slide switch knob
- 34. Power seat switch
- 37. Seat cushion cover and pad
- 40. Seatback frame assembly with armrest, without airbag (if equipped)

- 2. Headrest holder with multi position lock
- 5. Armrest cap (if equipped)
- 8. Seatback knob
- 11. Seatback pad and cover without arm- 12. rest, without airbag (if equipped)
- 14. Seat cushion front finisher
- 17. Lift motor
- 20. Outer pedestal finisher
- 23. Reclining motor
- 26. Inner reclining cover
- 29. LH inner leg cover
- 32. Recliner switch knob
- 35. Seat cushion frame
- 38. Seatback pad and cover with armrest, without airbag (if equipped)
- 41. Seatback board with armrest, without airbag (if equipped)

- 3. Headrest holder
- 6. Armrest bolt (if equipped)
- 9. Seatback board without armrest, without airbag (if equipped)
 - 2. Seatback assembly without armrest, with side airbag (if equipped)
- 15. Lift motor
- 18. Driver power seat frame assembly
- 21. Seat cushion outer finisher
- 24. Driver seat wiring harness
- 27. Reclining rod
- 30. LH outer leg cover
- 33. Power seat switch escutcheon
- 36. Seat cushion heating element (if equipped)
- 39. Seatback lumbar assembly (if equipped)

Manual Driver Seat



1. Headrest

- 4. Armrest assembly (if equipped)
- 7. Seatback assembly with armrest, with side airbag (if equipped)
- 10. Seatback pad and cover without arm- 11. rest, without airbag (if equipped)
- 2. Headrest holder with multi position lock
- 5. Armrest bolt (if equipped)
- 8. Seatback board without armrest, without airbag (if equipped)
 - 1. Seatback assembly without armrest, with side airbag (if equipped)

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- Armrest cap (if equipped)
- 9. Seatback frame assembly without armrest, without airbag (if equipped)
- 12. Seat cushion inner finisher

Headrest holder

3.

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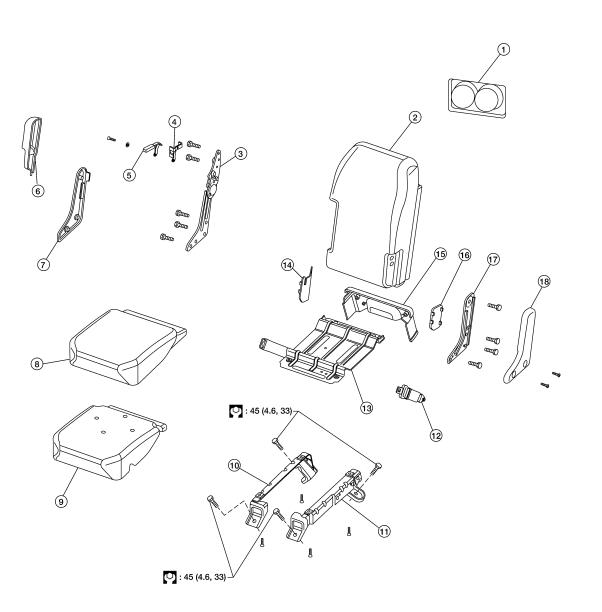
FRONT SEAT

< ON-VEHICLE REPAIR >

- 13. Reclining knob
- 16. Driver manual seat frame assembly
- 19. Reclining rod
- 22. Seat cushion frame
- 25. Seatback pad and cover with armrest, without airbag (if equipped)
- 28. Seatback heating element (if equipped)
- 14. Release wire
- 17. Bolt cover
- 20. Inner reclining cover
- 23. Seat lumbar assembly (if equipped)
- 26. Seatback frame assembly with armrest, without airbag (if equipped)
- 29. Seatback board with armrest, without airbag (if equipped)
- 15. Front seat bracket
- 18. Outer reclining cover
- 21. Outer leg covers
- 24. Seat cushion cover and pad
- 27. Reclining rod

Center Seat

SEC. 870



- 4. Armrest release bracket
- 7. Lower armrest pivot cover
- 10. RH pedestal support
- 13. Center seat pan
- 16. Inboard armrest support cover
- 2. Armrest assembly
- 5. Armrest pivot release lever
- 8. Seat cushion cover
- 11. LH pedestal support
- 14. Inboard lower pivot cover
- 17. Armrest support

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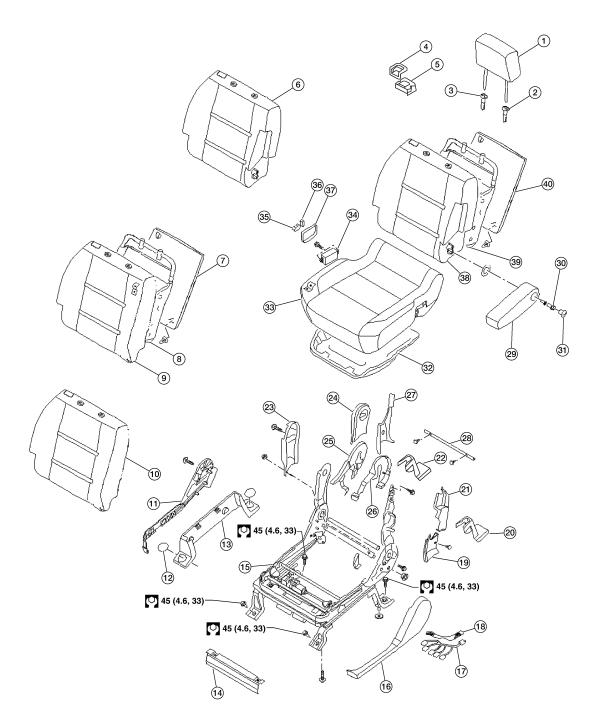
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- 3. Armrest pivot arm
- 6. Upper armrest pivot cover
- 9. Seat cushion pad
- 12. Seat belt tongue
- 15. Rear hinge cover
- 18. Armrest bolt cover
- SE-27

Power Passenger Seat



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- 1. Headrest
- Seat fold lever 4.
- Seatback board without armrest, 7. without airbag (if equipped)
- 10. Seatback assembly without armrest, 11. Seat cushion outer finisher with side airbag (if equipped)
- 2. Headrest holder with multi position lock
- Seat fold handle and cable 5.
- Seatback frame assembly without 8. armrest, without airbag (if equipped)

- Seatback assembly with armrest, 6. with side airbag (if equipped)

Headrest holder

- Seatback pad and cover without arm-9. rest, without airbag (if equipped)
- 12. Bolt cover

3.

FRONT SEAT

< ON-VEHICLE REPAIR >

- 13. Outer pedestal finisher
- 16. Seat cushion inner finisher
- 19. Inner recliner cover
- 22. RH outer leg cover
- 25. Inner reclining cover
- 28. Reclining rod
- 31. Armrest cap (if equipped)
- 34. Power seat switch
- 37. Power seat switch escutcheon
- 40. Seatback board with armrest, without airbag (if equipped)

- 14. Seat cushion front finisher
- 17. Seat wiring harness
- 20. RH inner leg cover
- 23. Outboard reclining arm outer cover
- 26. Outer reclining cover
- 29. Armrest assembly (if equipped)
- 32. Seat cushion frame
- 35. Recliner switch
- 38. Seatback pad and cover with armrest, without airbag (if equipped)

SE-29

- 15. Power seat frame assembly
- А 18. Wire harness cover 21. Seat latch cover Outboard reclining arm inner cover В 27. Inboard reclining arm inner cover
- 30. Armrest bolt (if equipped)
- 33. Seat cushion cover and pad
- 36. Seat slide switch

24.

39. Seatback frame assembly with armrest, without airbag (if equipped)

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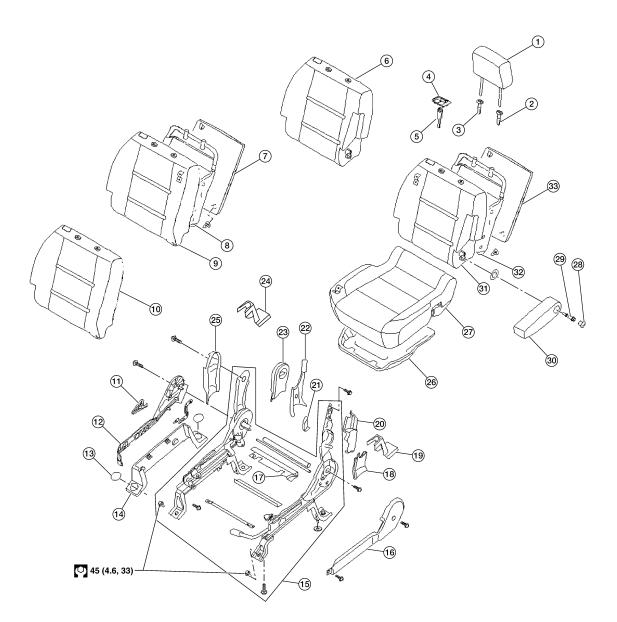
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Manual Passenger Seat



- 1. Headrest
- Seat fold lever 4.
- Seatback board without armrest, 7. without airbag (if equipped)
- 10. Seatback assembly without armrest, 11. Seat recline lever with side airbag (if equipped)
- 2. Headrest holder with multi position lock
- Seat fold handle and cable 5.
- Seatback frame assembly without 8. armrest, without airbag (if equipped)

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- 3. Headrest holder
- Seatback assembly with armrest, 6. with side airbag (if equipped)
- Seatback pad and cover without arm-9. rest, without airbag (if equipped)
- 12. Seat cushion outer finisher

FRONT SEAT

23. Outboard reclining arm outer cover

32. Seatback frame assembly with arm-

rest, without airbag (if equipped)

14. Outer pedestal finisher

17. Seat rear cover

20. Seat latch cover

26. Seat cushion frame

29. Armrest bolt (if equipped)

< ON-VEHICLE REPAIR >

- 13. Bolt cover
- 16. Seat cushion inner finisher
- 19. RH inner leg cover
- 22. Inboard reclining arm inner cover
- 25. Outboard reclining arm outer cover
- 28. Armrest cap (if equipped)
- 31. Seatback pad and cover with armrest, without airbag (if equipped)

Removal and Installation

REMOVAL

CAUTION:

- · When removing or in
- Before removing the at least 3 minutes.
- When checking the p tor with the side air b
- Do not drop, tilt, or care.
- After front side air ba
- Front passenger sea Do not disassemble **Occupant Classificat**
- Always replace pass
- 1. Slide the seat until t NOTE:
 - If disassembling tl
- 2. Disconnect both bar
- 3. Disconnect the side
- 4. Remove the four se
- 5. Disconnect the pow NOTE:

When removing and

INSTALLATION

Installation is in the reve

- 15. Power seat frame assembly
- 18. Inner recliner cover
- 21. Armrest cover (if equipped)
- 24. RH outer leg cover
- 27. Seat cushion cover and pad
- 30. Armrest assembly (if equipped)
- 33. Seatback board with armrest, without airbag (if equipped)

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stalling the seat trim, handle it carefully to keep dirt out and avoid damage. front seat, turn the ignition switch off, disconnect both battery cables and wait	E
ower seat circuit for continuity using a circuit tester, do not confuse its connec- bag module connector. Such an error may cause the air bag to deploy. bump the side air bag module while installing the seat. Always handle it with	F
ag module inflates, front seatback assembly must be replaced. t is equipped with Occupant Classification System sensor and control module. front passenger seat cushion assembly or remove trim as this will affect the ion System calibration. enger seat cushion as an assembly. he four seat to body bolts are visible and a tool can be inserted.	G
ne seat after removal, set the front/rear cushion lifters to the top position. Itery cables and wait at least 3 minutes. air bag module harness connector (if equipped). at to body bolts. er seat harness connectors and remove the seat from the vehicle.	SE
I installing the seat, use shop cloths to protect the vehicle from damage.	Κ
erse order of removal.	L
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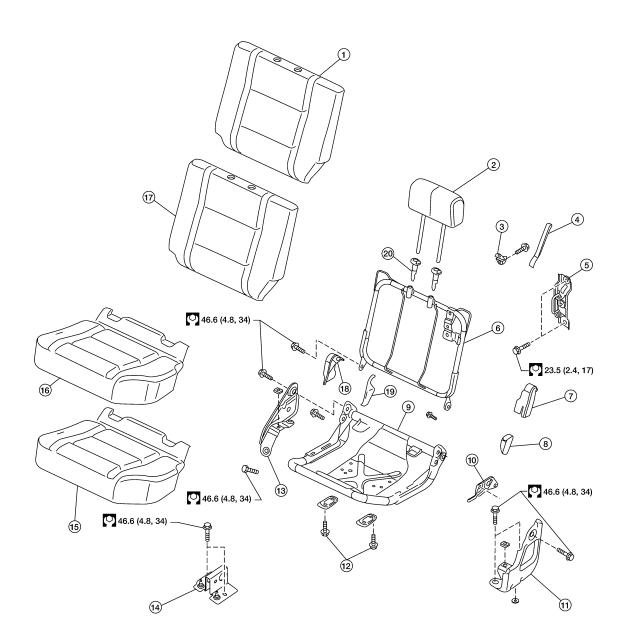
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< ON-VEHICLE REPAIR > **REAR SEAT**

Exploded View

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SEC. 881



- Seatback pad 1.
- 4. Seatback latch release strap
- 7. Outboard pivot cover
- Headrest 2.
- 5. Seatback latch striker
- 8. Release lever handle
- Seatback latch

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- 3. 6. Seatback frame
- 9. Seat cushion frame
- **SE-32**

REAR SEAT

< ON-VEHICLE REPAIR >

- 10. Seat cushion release assembly
- 13. Inboard seat support
- 16. Seat cushion trim
- 19. Inner inboard pivot cover
- 11. Outboard seat support 14. Rear seat bracket
- 12. Grocery bag hooks
 - 15. Seat cushion pad
 - 18. Inboard outer pivot cover

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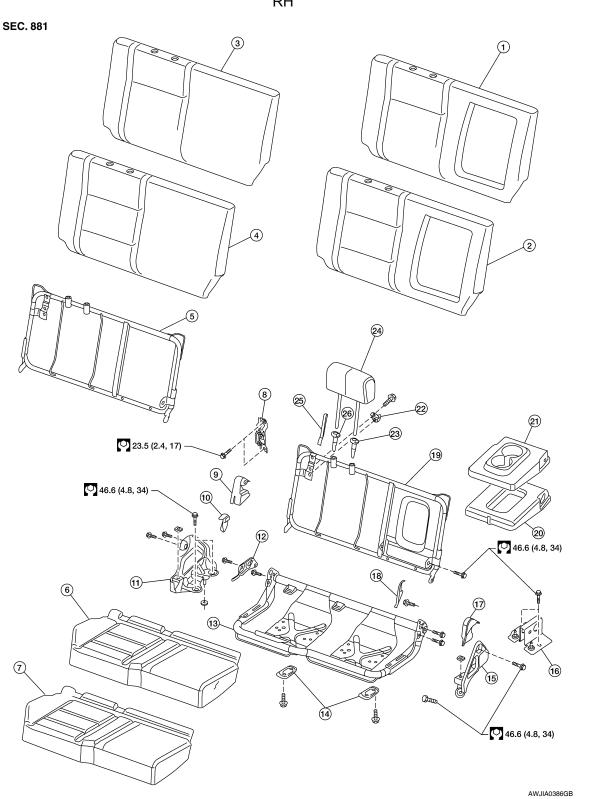
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- 1. Seatback trim with armrest
- 2. Seatback pad with armrest 5. Seatback frame without armrest
- 3. Seatback trim without armrest
- 6. Seat cushion trim
- **SE-33**

4. Seatback pad without armrest

Seatback trim Headrest guide

17.

20.

RH

REAR SEAT

< ON-VEHICLE REPAIR >

- 7. Seat cushion pad
- 10. Seat cushion release handle
- 13. Seat cushion frame
- 16. Rear seat bracket
- 19. Seatback frame with armrest

Removal and Installation

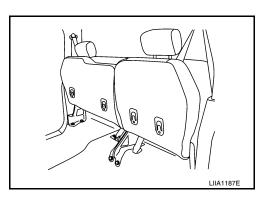
Removal

- 1. Lift the seat cushion into the stowed position.
- 2. Remove the seatbelt and seat anchor bolts.

- Seatback striker assembly
- 11. Outboard seatback pivot anchor
- 14. Grocery bag hooks
- 17. Outer inboard hinge cover
- 20. Arm rest pad and frame
- 23. Locking headrest guide

- 9. Outboard pivot cover
- 12. Seat cushion release lever
- 15. Inboard seatback pivot anchor
- 18. Inner inboard hinge cover
- 21. Arm rest trim
- 24. Headrest

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Installation Installation is in the reverse order of removal.

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26. Free headrest guide

Release the seatback and remove the seat. 3.

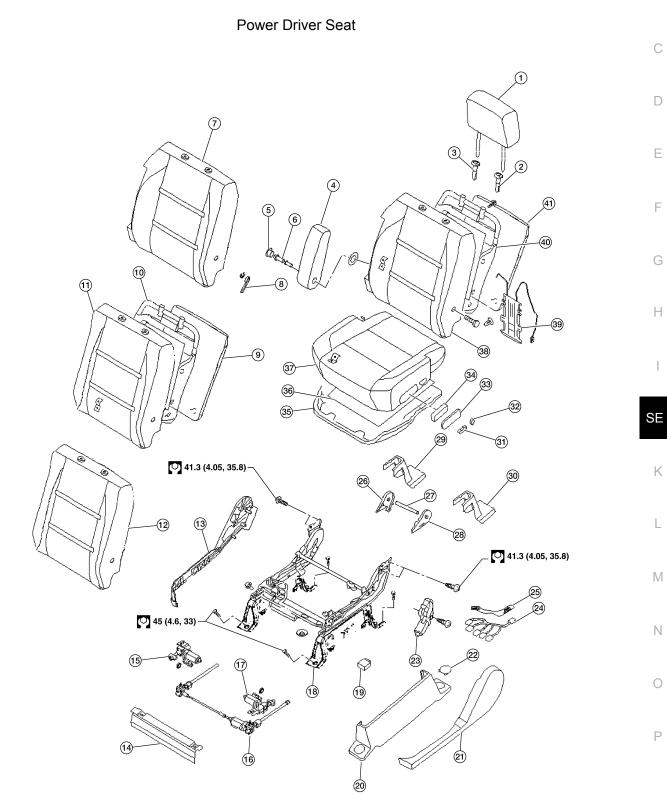
22. Seatback latch assembly 25. Seatback release strap

< DISASSEMBLY AND ASSEMBLY > DISASSEMBLY AND ASSEMBLY FRONT SEAT

Exploded View

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FRONT SEAT

< DISASSEMBLY AND ASSEMBLY >

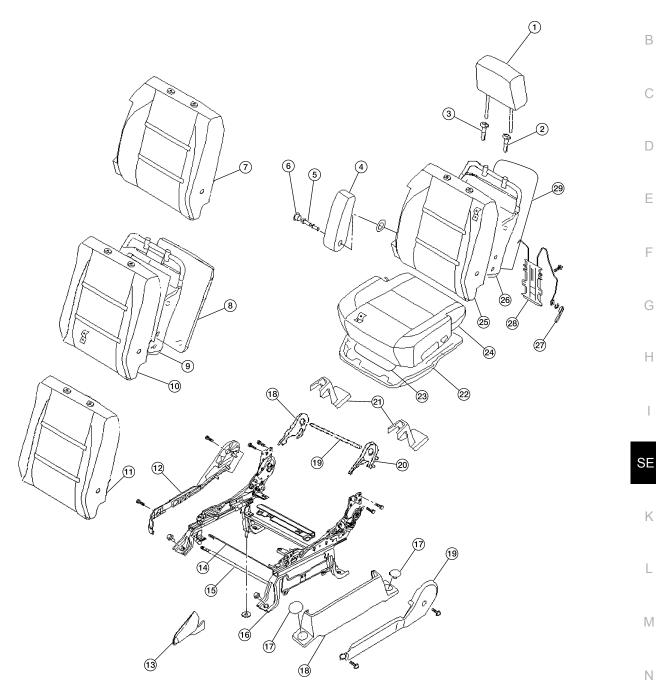
1. Headrest

- 4. Armrest assembly (if equipped)
- 7. Seatback assembly with armrest, with side airbag (if equipped)
- 10. Seatback frame assembly without armrest, without airbag (if equipped)
- 13. Seat cushion inner finisher
- 16. Seat slide motor assembly
- 19. Power seat controller
- 22. Bolt cover
- 25. Wire harness cover
- 28. Outer reclining cover
- 31. Slide switch knob
- 34. Power seat switch
- 37. Seat cushion cover and pad
- 40. Seatback frame assembly with armrest, without airbag (if equipped)

- 2. Headrest holder with multi position lock
- 5. Armrest cap (if equipped)
- 8. Seatback knob
- 11. Seatback pad and cover without arm- 12. rest, without airbag (if equipped)
- 14. Seat cushion front finisher
- 17. Lift motor
- 20. Outer pedestal finisher
- 23. Reclining motor
- 26. Inner reclining cover
- 29. LH inner leg cover
- 32. Recliner switch knob
- 35. Seat cushion frame
- 38. Seatback pad and cover with armrest, without airbag (if equipped)
- 41. Seatback board with armrest, without airbag (if equipped)

- 3. Headrest holder
- 6. Armrest bolt (if equipped)
- 9. Seatback board without armrest, without airbag (if equipped)
 - Seatback assembly without armrest, with side airbag (if equipped)
- 15. Lift motor
- 18. Driver power seat frame assembly
- 21. Seat cushion outer finisher
- 24. Driver seat wiring harness
- 27. Reclining rod
- 30. LH outer leg cover
- 33. Power seat switch escutcheon
- 36. Seat cushion heating element (if equipped)
- 39. Seatback lumbar assembly (if equipped)

Manual Driver Seat



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- 1. Headrest
- Armrest assembly (if equipped) 4.
- Seatback assembly with armrest, 7. with side airbag (if equipped)
- 10. Seatback pad and cover without arm- 11. rest, without airbag (if equipped)
- 2. Headrest holder with multi position lock
- 5. Armrest bolt (if equipped)
- Seatback board without armrest, 8. without airbag (if equipped)
 - Seatback assembly without armrest, with side airbag (if equipped)

- Armrest cap (if equipped)
- 9. Seatback frame assembly without armrest, without airbag (if equipped)
- 12. Seat cushion inner finisher

Headrest holder

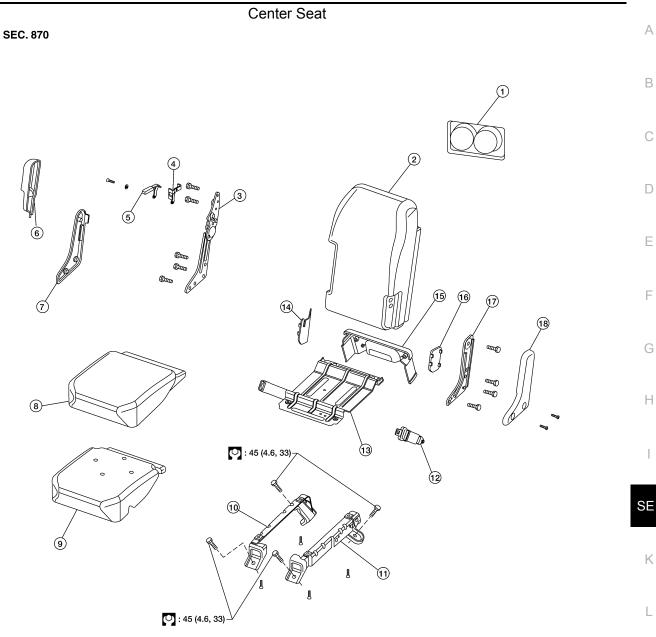
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< DISASSEMBLY AND ASSEMBLY >

- 13. Reclining knob
- 16. Driver manual seat frame assembly
- 19. Reclining rod
- 22. Seat cushion frame
- 25. Seatback pad and cover with armrest, without airbag (if equipped)
- 28. Seatback heating element (if equipped)
- 14. Release wire
- 17. Bolt cover
- 20. Inner reclining cover
- 23. Seat lumbar assembly (if equipped)
- 26. Seatback frame assembly with armrest, without airbag (if equipped)
- 29. Seatback board with armrest, without airbag (if equipped)
- 15. Front seat bracket
- 18. Outer reclining cover
- 21. Outer leg covers
- 24. Seat cushion cover and pad
- 27. Reclining rod



- 1. Cupholder
- 4. Armrest release bracket
- 7. Lower armrest pivot cover
- 10. RH pedestal support
- 13. Center seat pan
- 16. Inboard armrest support cover
- 2. Armrest assembly
- 5. Armrest pivot release lever
- 8. Seat cushion cover
- 11. LH pedestal support
- 14. Inboard lower pivot cover
- 17. Armrest support

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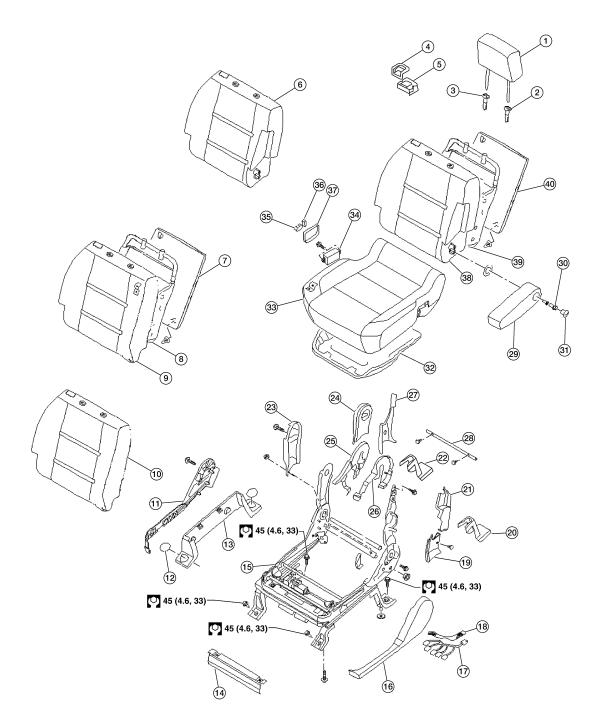
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- 3. Armrest pivot arm
- 6. Upper armrest pivot cover
- 9. Seat cushion pad
- 12. Seat belt tongue
- 15. Rear hinge cover
- 18. Armrest bolt cover



Power Passenger Seat



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- 1. Headrest
- Seat fold lever 4.
- Seatback board without armrest, 7. without airbag (if equipped)
- 10. Seatback assembly without armrest, 11. Seat cushion outer finisher with side airbag (if equipped)
- 2. Headrest holder with multi position lock
- Seat fold handle and cable 5.
- Seatback frame assembly without 8. armrest, without airbag (if equipped)

- Seatback assembly with armrest, 6. with side airbag (if equipped)

Headrest holder

- Seatback pad and cover without arm-9. rest, without airbag (if equipped)
- 12. Bolt cover

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< DISASSEMBLY AND ASSEMBLY >

- 13. Outer pedestal finisher
- 16. Seat cushion inner finisher
- 19. Inner recliner cover
- 22. RH outer leg cover
- 25. Inner reclining cover
- 28. Reclining rod
- 31. Armrest cap (if equipped)
- 34. Power seat switch
- 37. Power seat switch escutcheon
- 40. Seatback board with armrest, without airbag (if equipped)

- 14. Seat cushion front finisher
- 17. Seat wiring harness
- 20. RH inner leg cover
- 23. Outboard reclining arm outer cover
- 26. Outer reclining cover
- 29. Armrest assembly (if equipped)
- 32. Seat cushion frame
- 35. Recliner switch
- 38. Seatback pad and cover with armrest, without airbag (if equipped)

SE-41

- 15. Power seat frame assembly
- А 18. Wire harness cover 21. Seat latch cover Outboard reclining arm inner cover В 27. Inboard reclining arm inner cover 30. Armrest bolt (if equipped)
- 33. Seat cushion cover and pad
- 36. Seat slide switch

24.

39. Seatback frame assembly with armrest, without airbag (if equipped)

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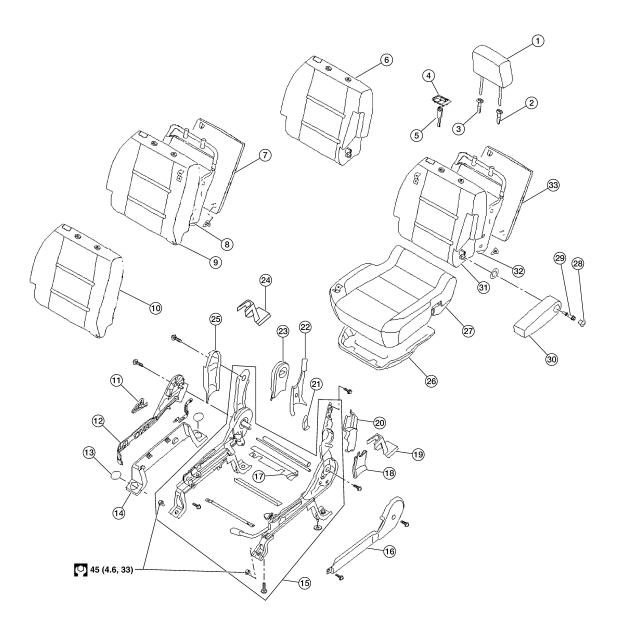
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< DISASSEMBLY AND ASSEMBLY >

Manual Passenger Seat



- 1. Headrest
- Seat fold lever 4.
- Seatback board without armrest, 7. without airbag (if equipped)
- 10. Seatback assembly without armrest, 11. Seat recline lever with side airbag (if equipped)
- 2. Headrest holder with multi position lock
- Seat fold handle and cable 5.
- Seatback frame assembly without 8. armrest, without airbag (if equipped)

- AWJIA0385GB
- 3. Headrest holder
- Seatback assembly with armrest, 6. with side airbag (if equipped)
- Seatback pad and cover without arm-9. rest, without airbag (if equipped)
- 12. Seat cushion outer finisher

SE-42

< DISASSEMBLY AND ASSEMBLY >

- 13. Bolt cover
- 16. Seat cushion inner finisher
- 19. RH inner leg cover
- 22. Inboard reclining arm inner cover
- 25. Outboard reclining arm outer cover
- 28. Armrest cap (if equipped)
- 31. Seatback pad and cover with armrest, without airbag (if equipped)

Disassembly and Assembly

- 14. Outer pedestal finisher
- 17. Seat rear cover
- 20. Seat latch cover
- 23. Outboard reclining arm outer cover
- 26. Seat cushion frame
- 29. Armrest bolt (if equipped)
- 32. Seatback frame assembly with armrest, without airbag (if equipped)
- 15. Power seat frame assembly
- 18. Inner recliner cover
- 21. Armrest cover (if equipped)
- 24. RH outer leg cover

Hook

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'Clip

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Pull down

- 27. Seat cushion cover and pad
- 30. Armrest assembly (if equipped)
- 33. Seatback board with armrest, without airbag (if equipped)

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Seatback frame

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retainer to the inside frame of seatback.

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Hook

Seatback finisher -

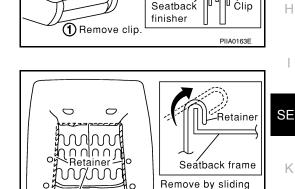
Seatback frame

SEATBACK TRIM AND PAD **NOTE**:

Only complete outboard seatback assemblies can be replaced on vehicles equipped with side air bags. Be sure to set the front/rear cushion lifter to the top position.

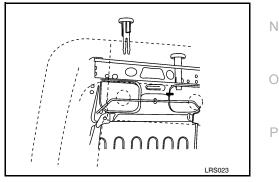
1. Remove the seatback board from the back of the seatback.

2. Remove the retainer.



- 3. Remove the headrest.
- From inside of the seatback, squeeze the headrest holder tabs at the base of the stay pipe and pull the up to remove.
 NOTE:

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



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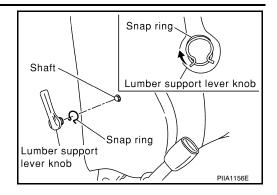
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< DISASSEMBLY AND ASSEMBLY >

5. Remove the snap ring and the lumbar support lever knob.



6. CAUTION:

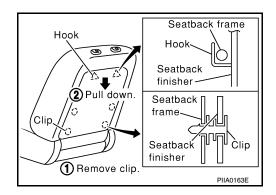
On the passenger seat during installation, the wire harness clips must be installed in the holes they were originally in.

Do not add additional clips.

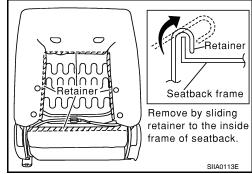
Disconnect the seatback heater harness. Remove the seatback trim and pad assembly. Remove the hog ring to separate the seatback trim from the pad and the heater unit.

Removal of seatback assembly

1. Remove the seatback board from the back of the seatback.



- 2. Remove the retainer.
- 3. Remove the side air bag harness connector from the seat cushion.
- 4. Remove the seatback bolts (two for each side) and seatback assembly.



Installation of seatback assembly

• Installation is in the reverse order of removal.

SEAT CUSHION TRIM AND PAD

CAUTION:

- Front passenger seat is equipped with Occupant Classification System sensor and control module. Do not disassemble front passenger seat cushion assembly or remove 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 installed 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.

NOTE:

SE-44

< DISASSEMBLY AND ASSEMBLY >

If the vehicle has been involved in a collision the seat must be inspected for damage. Refer to <u>SR-17, "For</u> <u>Frontal Collision"</u>.

1. Remove the power seat switch knobs and power seat switch escutcheon (or recline knobs on manual seat).

2. Remove the front seat cushion finisher (inner).

- 3. Remove the power seat switch screws (or lift knobs on manual seats).
- 4. Remove four bolts and the seat cushion assembly.

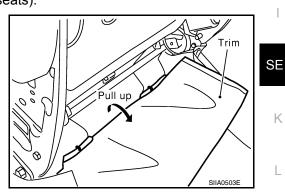
- 5. Remove the retainer on the seat cushion frame, then remove the harness connector for the seat heater.
- 6. On the drivers seat only, after removing the seat cushion trim and pad, remove the hog rings to separate the trim cover from the pad and seat cushion heater unit.

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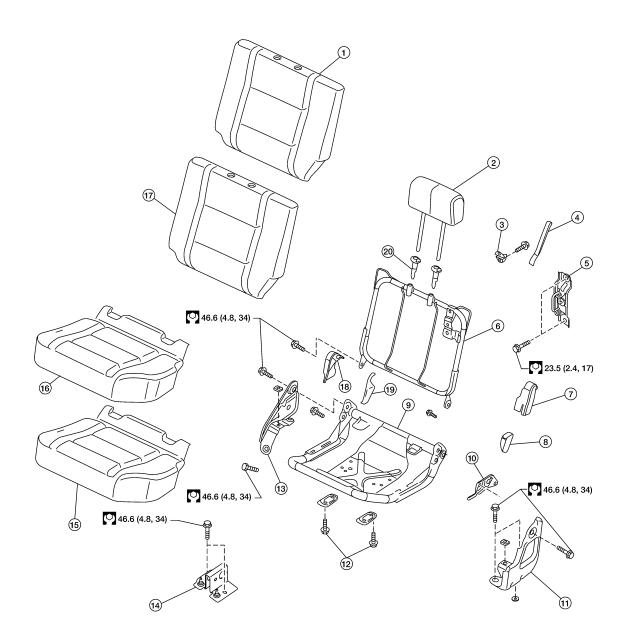
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REAR SEAT

Exploded View

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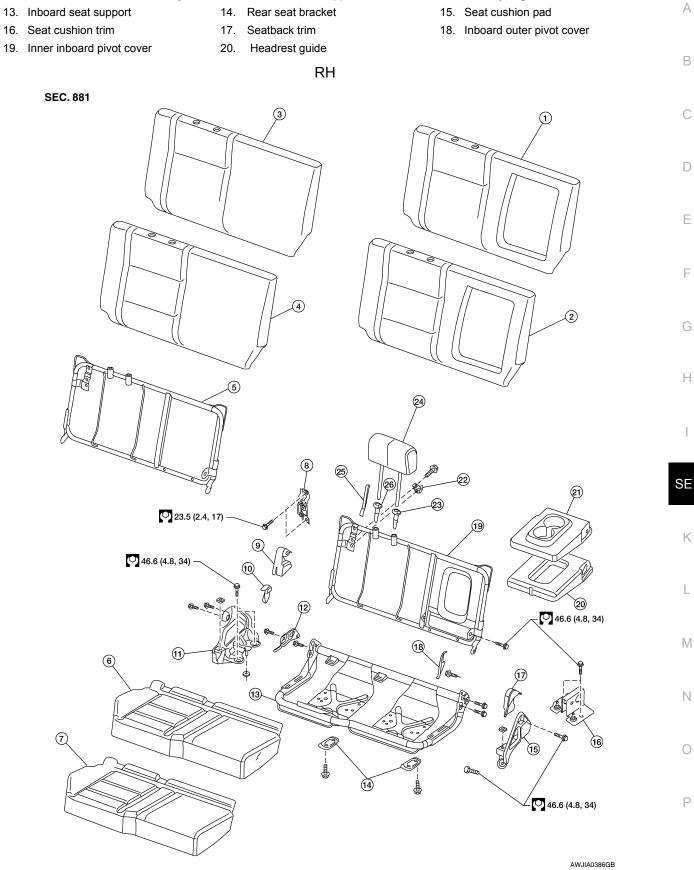
SEC. 881



- Seatback pad 1.
- 4. Seatback latch release strap
- 7. Outboard pivot cover
- Headrest 2.
- 5. Seatback latch striker
- 8. Release lever handle
- 3.
 - 6. Seatback frame
 - 9.



- WIIA0949E
- Seatback latch
- - Seat cushion frame



- 1. Seatback trim with armrest
 - 2. Seatback pad with armrest 5. Seatback frame without armrest
- 4. Seatback pad without armrest
- **SE-47**

3.

6.

Seatback trim without armrest

Seat cushion trim

REAR SEAT

< DISASSEMBLY AND ASSEMBLY >

- 10. Seat cushion release assembly
- 13. Inboard seat support

- 11. Outboard seat support 14. Rear seat bracket
- 12. Grocery bag hooks
 - 15. Seat cushion pad

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REAR SEAT

< DISASSEMBLY AND ASSEMBLY >

- 7. Seat cushion pad
- 10. Seat cushion release handle
- 13. Seat cushion frame
- 16. Rear seat bracket
- 19. Seatback frame with armrest
- 22. Seatback latch assembly
- 25. Seatback release strap

- Seatback striker assembly
- 11. Outboard seatback pivot anchor
- 14. Grocery bag hooks

8.

- 17. Outer inboard hinge cover
- 20. Arm rest pad and frame
- 23. Locking headrest guide
- 26. Free headrest guide

- 9. Outboard pivot cover
- 12. Seat cushion release lever
- 15. Inboard seatback pivot anchor
- 18. Inner inboard hinge cover
- 21. Arm rest trim
- 24. Headrest