CONTENTS

COUPE

COMPONENT DIAGNOSIS3
POWER SEAT FOR DRIVER SIDE
HEATED SEAT
SYMPTOM DIAGNOSIS11
SQUEAK AND RATTLE TROUBLE DIAG- NOSES 11 Work Flow 11 Generic Squeak and Rattle Troubleshooting 13 Diagnostic Worksheet 15
PRECAUTION17
PRECAUTIONS
PREPARATION18
PREPARATION
ON-VEHICLE REPAIR19
FRONT SEAT19Exploded View19Removal and Installation21
REAR SEAT22Exploded View22Removal and Installation23

DISASSEMBLY AND ASSEMBLY24	F
FRONT SEAT24	
DRIVER SIDE	G
PASSENGER SIDE	H
COMPONENT DIAGNOSIS28	
POWER SEAT FOR DRIVER SIDE28 Wiring Diagram	SE
HEATED SEAT	K
SYMPTOM DIAGNOSIS36	L
SQUEAK AND RATTLE TROUBLE DIAG- NOSES	M
PRECAUTION42	Ν
PRECAUTIONS42 Precaution for Supplemental Restraint System (SRS) "AIR BAG" and "SEAT BELT PRE-TEN-	0
SIONER"	Ρ
PREPARATION43	
PREPARATION43 Special Service Tool43 Commercial Service Tool43	

А

D

Е

SEAT c

 $\mathsf{SECTION} \mathsf{SEC}^{\mathsf{A}}$

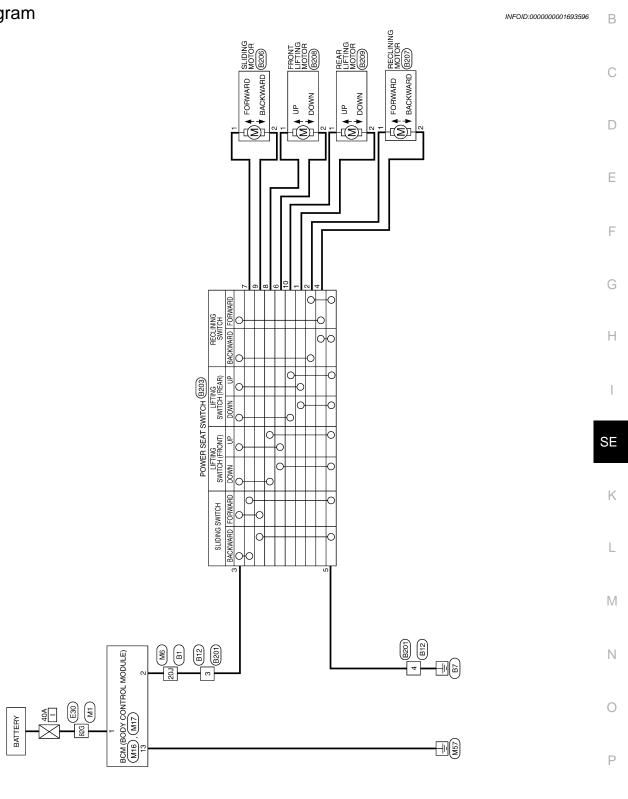
ON-VEHICLE REPAIR	44	DRIVER SIDE
FRONTOFAT		DRIVER SIDE : Exploded View
FRONT SEAT		DRIVER SIDE : Disassembly and Assembly50
Exploded View	44	
Removal and Installation		PASSENGER SIDE50
		PASSENGER SIDE : Exploded View
REAR SEAT	47	PASSENGER SIDE : Disassembly
Exploded View	47	
Removal and Installation		REAR SEAT 53
DISASSEMBLY AND ASSEMBLY	40	ARMREST
		ARMREST : Exploded View53
FRONT SEAT	49	ARMREST : Disassembly and Assembly53

< COMPONENT DIAGNOSIS >

COMPONENT DIAGNOSIS POWER SEAT FOR DRIVER SIDE

Wiring Diagram

POWER SEAT FOR DRIVER SIDE



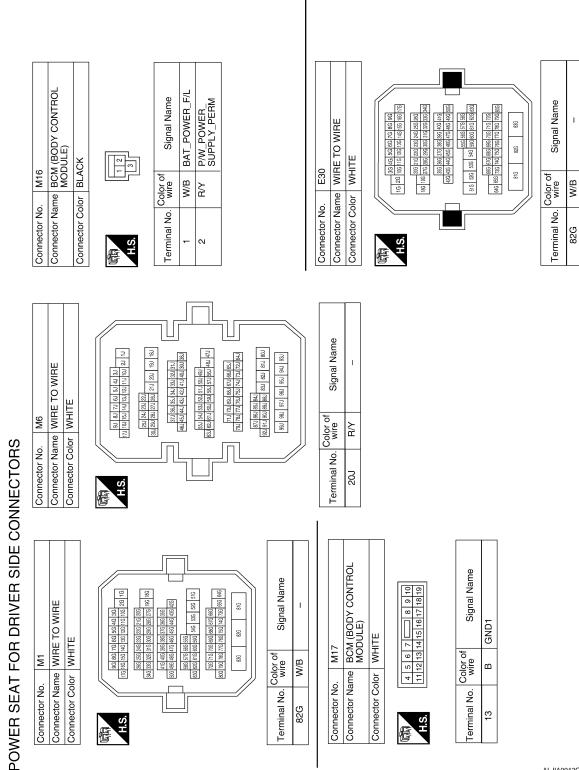
AWJWA0001GE

[COUPE]

А

POWER SEAT FOR DRIVER SIDE < COMPONENT DIAGNOSIS >

[COUPE]



ALJIA0012GB

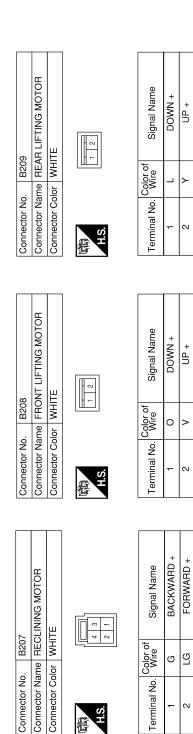
	A B	
B201 WIRE TO WIRE WHITE WHITE B206 B206 SIgnal Name 	C Signal Name BACKWARD + FORWARD +	
ctor No. ctor No. ctor Color ctor Color ctor No. ctor No. ct		
E TO WIRE TE Signal Name Signal Name	REAR LIFTING MOTOR RECLINING MOTOR BAT RECLINING MOTOR GND GND SLIDING MOTOR SLIDING MOTOR SLIDING MOTOR REAR LIFTING MOTOR REAR LIFTING MOTOR	
Connector No. B12 Connector Name WIRE TO WIRE Connector Color WHITE Main 812 Main 812 Main WIRE TO WIRE Main N Main 812 Main 812 Main 812 Main 817 Main 810	Image: Second state 1 10 10 10 10 10 10	
	<u>к</u>	
O WIRE O WIRE Ultimitian Ultimitian Ultimi	MHITE	
nector No. 200 No.		
	AWJIA0008GB	

< COMPONENT DIAGNOSIS >

[COUPE]

Ρ

< COMPONENT DIAGNOSIS >



AWJIA0009GB

1 1

1 1

co | 4

HEATED SEAT

Wiring Diagram

[COUPE]



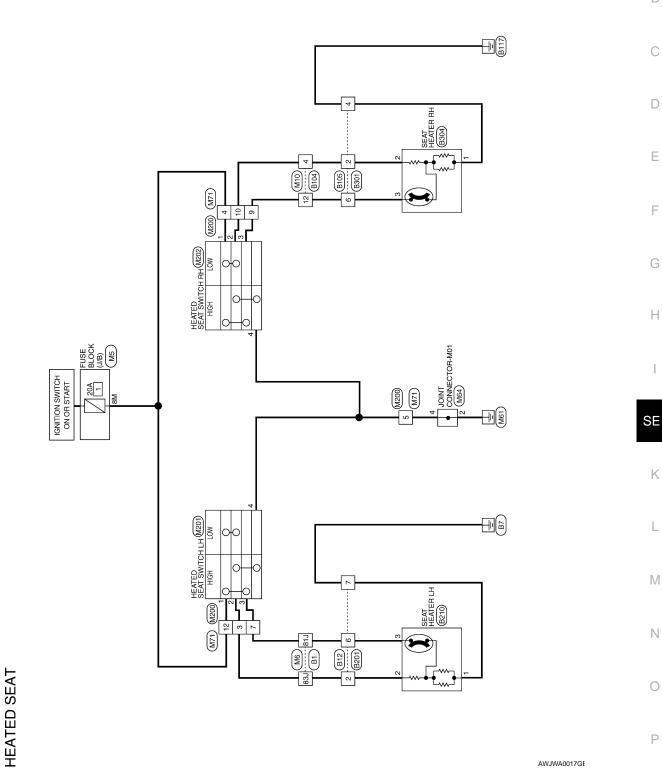


F

L

Ρ

А



AWJWA0017GE

	Terminal No. Color of Signal Name		83J GR –							Connector No. M71	Connector Name WIRE TO WIRE Connector Color WHITE	H.S.	Terminal No. Color of Signal Name	3 GR -	4 G/R –	5 B -	7 GR/R –	9 GR/R –		12 G/R –
	Connector No. M6 Connector Name WIRE TO WIRE	Connector Color WHITE		 H.S. 91 81 72 86 54 42 80 H.S. 173 86 154 164 184 184 184 184 184 184 184 184 184 18	<u>डिफ</u> टेस्प टिफ टिफ उस टेस, टिफ टिफ टिफ 14		564 544 553 524 544 550 524 544 550 554 544 570 554 544 570 555 555 555 555 555 555 555 555 555	87.1 (86.1 (85.1 (82.1 (81.1 ([301] 302 [302 [302] 305 [307] 307]	Connector No. M64	Connector Name JOINT CONNECTOR-M01 Connector Color GRAY	HLS. [6 5 4 3 2 1	Terminal No. Color of Signal Name	2 B	4 B -					
HEATED SEAT CONNECTORS	Connector No. M5 Connector Name FLISE RLOCK (1/R)	Connector Color WHITE		(低低) 5M 4M (11 12 12 11		ů Ň	8M G/R -			Connector No. M10	Connector Name WIRE TO WIRE Connector Color BROWN	H.S.	Terminal No. Color of Signal Name	4 GR/L –	12 GR/R –	-			AL	JIAU

ALJIA0014GB

HEATED SEAT

< COMPONENT DIAGNOSIS >

	DIVENT DIAGNOS	00 >	[
Connector Name FRONT HEATED SEAT Connector Name FRONT HEATED SEAT Connector Name Connector Name Connector Name Connector Name FRONT HEATED SEAT Connector Name Connector Name Connect				
Connector Name FRONT HEATED SEAT Connector Name From Internation Connector Name From Internation Connector Name From Internation Connector Name From Internation Connector Name Connector Name Early HIGH + HIGH + HIGH + HIGH Early HIGH + HIGH From Signal Name Connector Name Early HIGH - LOW + Internation Connector	TED SEAT	DW +		
Connector No. M201 Connector Name Connector Name FRONT HEATED SEAT Connector Name Connector Name FRONT HEATED SEAT Connector Name Connector Name Endition Endition Connector Name Maine Terminal No. Color Signal Name Endition Endition Endition Endition Endition Endition Endition Endition Endition	202 RONT HEA WITCH RH ROWN			
Image: Signal Name Signal Name	or No. M or Name FI S or Color BB	No. Color- G/R G/R B		
Connector Name all all all all all all all all all all	Connect Connect Connect	Terminal 1 3 4	Connect Connect Terminal	
Connector No.	E			
Connector No. Connector Name Connector Name	1 NIT HEATED SEA TCH LH TE TE	Signal Name IGN HIGH - LOW + HIGH + GND	Signal Name	
	o. M20 ame FRO SWI'	Color of wire G/R G/R G/R GR/R GR/R GR/B B		
Donnector No. M200 Donnector Name WIRE TO WIRE Donnector Name WIRE TO WIRE Donnector Name WIRE TO WIRE Donnector Name Wire Signal Name Image: Signal Name Signal Name Image: Signal Name </td <td>Connector N Connector N Connector C</td> <td>Terminal No 1 3 4</td> <td>Terminal No. 83J 83J</td> <td></td>	Connector N Connector N Connector C	Terminal No 1 3 4	Terminal No. 83J 83J	
Donnector No. M200 Donnector Name WIRE TO WIRE Donnector Name WIRE TO WIRE Donnector Color WHITE Tomas Signal Name 3 GR - 5 B - 7 GR/IB - 9 GR/IB - 10 GR/IB - 12 GR/IB - 12 GR/IB - 13 United 101 14 United 101 13 Unite TO WIRE 14 Unite TO WIRE 15 GR/IB 16 BI 17 Gomector Name WIRE TO WIRE 14 Unite TO WIRE 15 GR/IB 16 BI 17 Mail Bill 18 Unite TO WIRE 19 Mail Bill 11 Unite TO WIRE 12 Mail Bill 13 Mile TO WIRE 14 Mile TO WIRE 15 Mail Bill 16 Mile Bill 17 Mail Bill 18 Mile Bill 19 Mile Bill 19 Mile Bill<				
Sonnector No. M200 Sonnector Name WIRE TO WILL Sonnector Color WHITE Sign Sign 3 GR 3 GR/B 9 GR/B 9 GR/B 10 GR/B 12 GR/B 13 GR/B 14 G/R 12 GR/B 12 GR/B 13 GR/B 14 G/R 12 GR/B 13 GR/B 14 J 12 G/R 12 G/R 13 GR/B 14 J 12 G/R 13 J 14 J 12 J 13 J 14 J 12 J 13 J 14 J 15 G/R 16 J		al Name		
Donnector Name W Donnector Name W Donnector Name W Donnector Name W Donnector Name W Donnector Color W Donnector Color W Donnector Color W D D D D D D D D D D D D D D D D D D D	200 I'IRE TO WI HITE		11 WIRE TO W WHITE 10001012000 20001012000 20001012000 20001012000 20001012000 20001012000 2000101000 2000101000 2000101000 200010000 200010000 200010000 200010000 200010000 200010000 200010000 200010000 200010000 200010000 200010000 200010000 200010000 200010000 200010000 200010000 2000100000 200010000 200010000 200010000 200010000 200010000 200010000 200010000 200010000 200010000 200010000 200010000 2000100000 2000100000 2000100000 20001000000000 <t< td=""><td></td></t<>	
Donnectic Donnectic Donnectic Donnectic Donnectic Donnectic Connectic Connectic Connectic Donnec	or No. M Or Color W (1) (1) (1) (1) (1) (1) (1) (1)	No. Color wire wire of the second of the sec		
	Connecto Connecto	Terminal 3 4 5 7 9 10 12	Connect Connect HS	

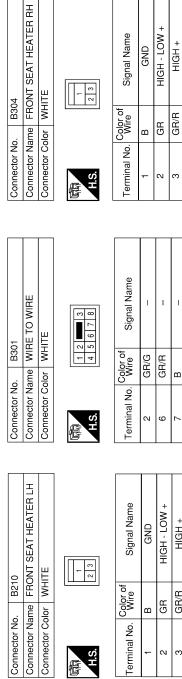
ALJIA0015GB

Ρ

HEATED SEAT

< COMPONENT DIAGNOSIS >

Connector No. B201 Connector Name WIRE TO WIRE Connector Color WHITE	HS	Terminal No. Wire Signal Name	2 GR –	6 GR/R –	7 B –		Connector No. B304
Connector No. B105 Connector Name WIRE TO WIRE Connector Color BROWN	1000000000000000000000000000000000000	Terminal No. Color of Signal Name	2 GR/G –	4 B -	6 GR/R –		Connector No. B301
Connector No. B104 Connector Name WIRE TO WIRE		Terminal No. Wire Signal Name	4 GR/G –	12 GR/R –			Connector No. B210



HEATED SEAT

5 - 1	Signal Name	GND	HIGH - LOW +
	Color of Wire	В	GR
S.H.	Terminal No.	Ŧ	2

Signal Name	GND	HIGH - LOW +	HIGH +	
Color of Wire	В	GR	GR/R	
ninal No.	Ŧ	N	З	

AWJIA0089GB

HIGH +

ო

T.

Т

ш

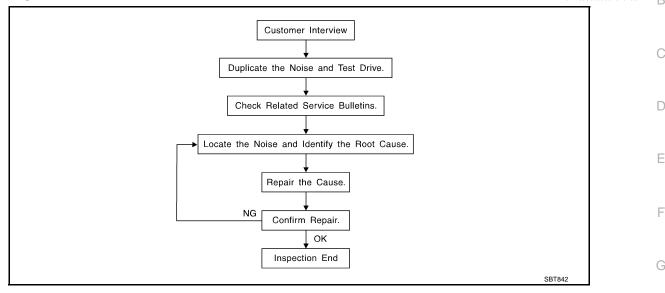
9

< SYMPTOM DIAGNOSIS >

SYMPTOM DIAGNOSIS

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow



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-15</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 = lowerpitch 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

INFOID:000000001346295

А

Н

Κ

L

Μ

Ν

< SYMPTOM DIAGNOSIS >

[COUPE]

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 models, drive position on A/T models).
- 6) Raise the vehicle on a hoist and hit a tire with a rubber hammer.
- Drive the vehicle and attempt to duplicate the conditions the customer states exist when the noise occurs.
- If it is difficult to duplicate the noise, drive the vehicle slowly on an undulating or rough road to stress the vehicle body.

CHECK RELATED SERVICE BULLETINS

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

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

LOCATE THE NOISE AND IDENTIFY THE ROOT CAUSE

- 1. Narrow down the noise to a general area. To help pinpoint the source of the noise, use a listening tool (Chassis Ear: J-39570, Engine Ear and mechanics stethoscope).
- 2. Narrow down the noise to a more specific area and identify the cause of the noise by:
- removing the components in the area that you suspect the noise is coming from.
 Do not use too much force when removing clips and fasteners, otherwise clips and fastener can be broken or lost during the repair, resulting in the creation of new noise.
- tapping or pushing/pulling the component that 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-13, "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. NOTE:

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

The following materials are contained in the Nissan Squeak and Rattle Kit (J-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 \times 135 mm (3.94 \times 5.31 in)/76884-71L01: 60 \times 85 mm (2.36 \times 3.35 in)/76884-

71L02:15 \times 25 mm (0.59 \times 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 \times 50 mm (1.97 \times 1.97 in)/73982-
- 50Y00: 10 mm (0.39 in) thick, 50 \times 50 mm (1.97 \times 1.97 in)

INSULATOR (Light foam block)

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

FELT CLOTHTAPE

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

< SYMPTOM DIAGNOSIS > [COUPE]	
68370-4B000: 15 \times 25 mm (0.59 \times 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	А
Insulates where slight movement is present. Ideal for instrument panel applications.	
SILICONE GREASE Used in place of UHMW tape that will be visible or not fit. Will only last a few months. SILICONE SPRAY	В
Use when grease cannot be applied.	
DUCT TAPE	С
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.	D
Generic Squeak and Rattle Troubleshooting	Е
Refer to Table of Contents for specific component removal and installation information.	
INSTRUMENT PANEL Most incidents are caused by contact and movement between:	F
1. Acrylic lens and combination meter housing	
 Instrument panel to front pillar finishers 	
 Instrument panel to windshield 	G
4. Instrument panel mounting pins	
5. Wiring harnesses behind the combination meter	Н
 A/C defroster duct and duct joint 	
These incidents can usually be located by tapping or moving the components to duplicate the noise or by pressing on the components while driving to stop the noise. Most of these incidents can be repaired by applying felt cloth tape or silicon spray (in hard to reach areas). Urethane pads can be used to insulate wiring harness.	I
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.	SE
CENTER CONSOLE	К
Components to pay attention to include:	1.
1. Shifter assembly cover to finisher	
2. A/C control unit and cluster lid C	L
Wiring harnesses behind audio and A/C control unit	
The instrument panel repair and isolation procedures also apply to the center console.	
DOORS	M
Pay attention to the:	
1. Finisher and inner panel making a slapping noise	Ν
2. Inside handle escutcheon to door finisher	IN
3. Wiring harnesses tapping	
Door striker out of alignment causing a popping noise on starts and stops	0
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.	D
TRUNK	Ρ
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 humpers out of adjustment	

- 1. Trunk lid bumpers out of adjustment
- 2. Trunk lid striker out of adjustment
- 3. The trunk lid torsion bars knocking together

< SYMPTOM DIAGNOSIS >

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. Sunvisor shaft shaking in the holder
- 3. Front or rear windshield touching headlining and squeaking

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

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 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

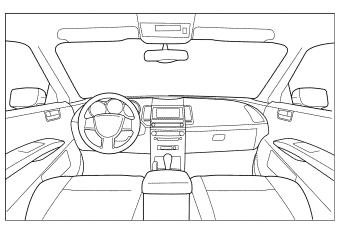
Dear Customer:

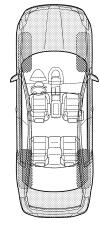
We are concerned about your satisfaction with your vehicle. Repairing a squeak or rattle sometimes can be very difficult. To help us fix your vehicle right the first time, please take a moment to note the area of the vehicle where the squeak or rattle occurs and under what conditions. You may be asked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

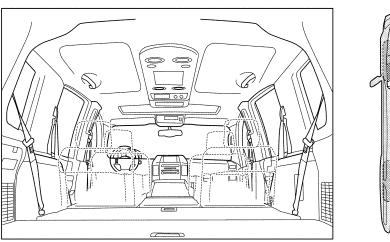
SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

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.

А

В

С

D

Ε

F

Н

SE

Κ

L

Μ

Ν

Ρ

< SYMPTOM DIAGNOSIS >

SQUEAK & RATTLE DIAGNOSTIC WORKSHEET - page 2

Briefly describe the location where the noise occurs:

II. WHEN DOES IT OCCUR? (ple	se check the hoves 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:	IV. WHAT TYPE OF NOISE	
 Through driveways Over rough roads Over speed bumps Only about mph On acceleration Coming to a stop On turns: left, right or either (c With passengers or cargo Other: After driving miles or 		

TO BE COMPLETED BY DEALERSHIP PERSONNEL

Test Drive Notes:

	YES	NO	Initials of person performing
/ehicle test driven with customer - Noise verified on test drive - Noise source located and repaired - Follow up test drive performed to confirm repa			
/IN: (Customer Name		
N.O.# [Date:		

This form must be attached to Work Order

LAIA0071E

А

В

Е

F

Н

SE

Κ

L

Μ

Ν

INFOID:000000001346299

INFOID:000000001346300

< 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.

Service Notice

- When removing or installing various parts, place a cloth or padding onto the vehicle body to prevent scratches.
- Handle trim, molding, instruments, grille, etc. carefully during removing or installing. Be careful not to oil or damage them.
- Apply sealing compound where necessary when installing parts.
- When applying sealing compound, be careful that the sealing compound does not protrude from parts.
- When replacing any metal parts (for example body outer panel, members, etc.), be sure to take rust prevention measures.

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, and gasoline.
- For genuine leather seats, use a genuine leather seat cleaner.

PREPARATION

Special Service Tool

INFOID:000000001346301

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

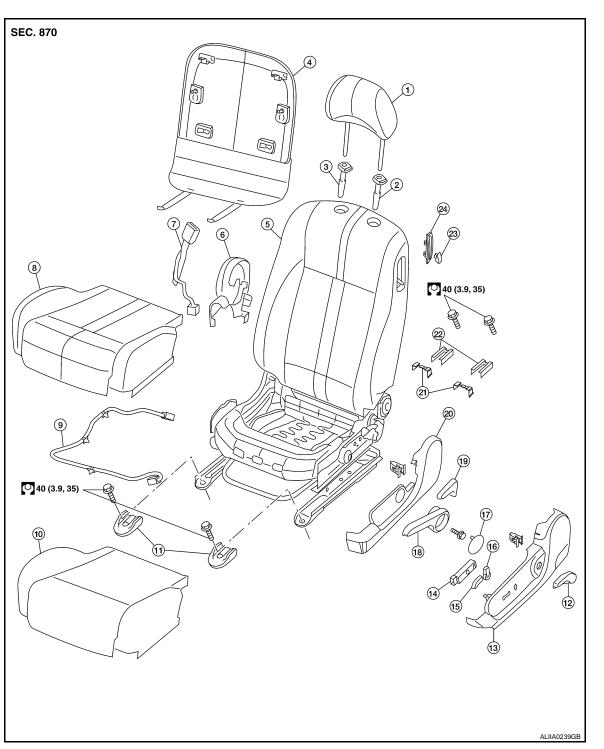
INFOID:000000001346302

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

< ON-VEHICLE REPAIR > ON-VEHICLE REPAIR FRONT SEAT

Exploded View

DRIVER'S SEAT



- 1. Headrest
- 4. Seatback board
- 7. Seat belt buckle
- 10. Seat cushion pad

- 2. Headrest holder (locked)
- 5. Seatback/frame assembly
- 8. Seat cushion trim
- 11. Front leg covers



- 3. Headrest holder (free)
- 6. Inner finisher
- 9. Seat harness
- 12. Lumbar lever

А

С

D

Ε

F

Н

SE

Κ

L

Μ

Ν

Ο

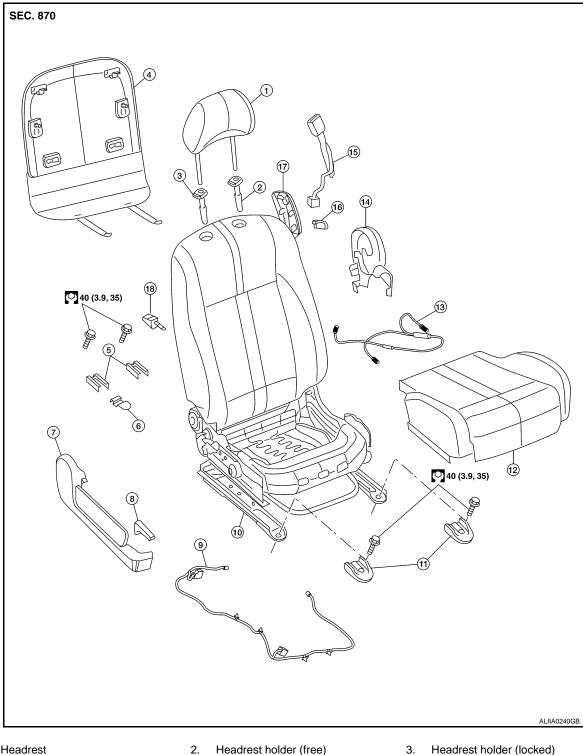
Ρ

INFOID:000000001346303

< ON-VEHICLE REPAIR >

- 13. Power seat outer finisher
- 16. Seat reclining switch
- 19. Manual seat outer lower finisher
- 22. Power rear leg covers
- 14. Seat switch assembly
- 15. Seat slide switch
- 18. Manual seat recline lever
- 21. Manual slide cover
- 24. Bezel

PASSENGER'S SEAT



- Headrest 1.
- Seatback board 4.
- 7. Outer finisher

- Headrest holder (free)
- 5. Rear leg covers
- 8. Seatback lever

- Headrest holder (locked) 3.
- 6. Clip harness
- 9. Power seat harness



- 17. Recline lever finisher
- - 20. Manual seat outer finisher 23. Entry knob

< ON-VEHICLE REPAIR >

- 10. Seatback/frame assembly
- 13. SRS seat harness
- 16. Release handle
- Front leg covers
 Inner finisher
- 17. Release handle cover
- 12. Seat cushion assembly
- 15. Seat belt buckle
- 18. Kick lever

INFOID:000000001346304

А

Е

F

Ν

Ρ

Removal and Installation

REMOVAL

CAUTION:

- Before removing the front seat, turn the ignition switch off, disconnect both battery cables and wait and 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.

• Always	replace	e passenge	r seat cushio	on as an assembly	with Occupant	Classification System.
NOTE:						
	-					

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

- 1. Slide the seat until the four seat bolts are visible and a tool can be inserted.
- 2. Disconnect both battery cables and wait at least 3 minutes.
- 3. Disconnect the harness connector for the side air bag module.
- 4. Disconnect the power seat harness connector and vehicle harness clip from the vehicle. **NOTE:**

When removing and installing, use shop cloths to protect the parts from damage where they may interfere ${}_{\mbox{\scriptsize H}}$ with other parts.

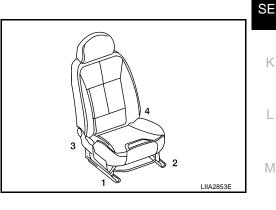
- 5. Remove the seat leg covers.
- 6. Remove the four seat bolts.

INSTALLATION

Installation is in the reverse order of removal.

NOTE:

When installing the front seats tighten the drivers seat bolts as shown.



When installing the front seats tighten the passenger seat bolts as shown.

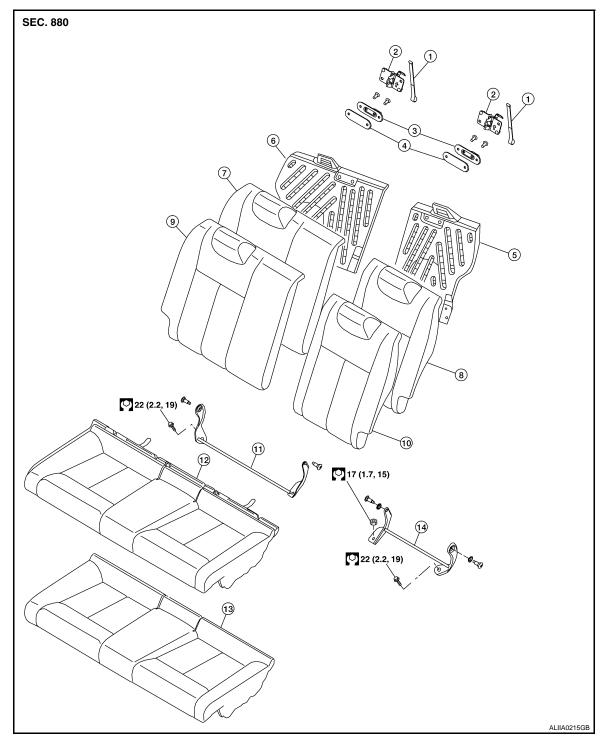


[COUPE]

REAR SEAT

Exploded View

SPLIT REAR SEAT



- 1. Release strap
- 4. Rear seatback reinforcement
- 7. RH seatback pad
- 10. LH seatback trim
- 13. Seat cushion pad

- 2. Rear seat lock assembly
- 5. LH seatback frame
- 8. LH seatback pad
- 11. RH seatback hinge assembly
- 14. LH seatback hinge assembly
- 3. Rear striker assembly
- 6. RH seatback frame
- 9. RH seatback trim
- 12. Seat cushion trim

INFOID:000000001346305

< ON-VEHICLE REPAIR >

Removal and Installation

[COUPE]

А

INFOID:000000001346306

REMOVAL

1. Remove the rear seat cushion trim and pad.

	• Pull the seat cushion upward to release the wire from the plastic hook, then pull the seat cushion for- ward to remove.	В
2.	Remove the seat belt webbing from the guides.	
3.	Remove the seatback hinge anchor bolts and nut.	С
4.	Remove the seatback assemblies.	
	STALLATION tallation is in the reverse order of removal.	D

SE-23

SE

F

G

Н

К

L

Μ

Ν

Ο

Ρ

< DISASSEMBLY AND ASSEMBLY >

DISASSEMBLY AND ASSEMBLY FRONT SEAT DRIVER SIDE

DRIVER SIDE : Exploded View

SEC. 870 (4) $(\mathbf{1})$ B 3) 2 6 6 (5) 6) (8) Ø 40 (3.9, 35) (21) (20) 19 40 (3.9, 35) 61 (14) 12

- 1. Headrest
- 4. Seatback board
- 7. Seat belt buckle
- 10. Seat cushion pad

- 2. Headrest holder (locked)
- 5. Seatback/frame assembly
- 8. Seat cushion trim
- 11. Front leg covers
 - SE-24
- 3. Headrest holder (free)

ALIIA0239GB

- 6. Inner finisher
- 9. Seat harness
- 12. Lumbar lever lever

INFOID:000000001346307

< DISASSEMBLY AND ASSEMBLY >

- Power seat outer finisher
 Seat reclining switch
- Seat switch assembly
 Recline lever finisher
 - 20. Manual seat outer finisher

FRONT SEAT

- 23. Entry knob
- 22. Power rear leg covers

DRIVER SIDE : Disassembly and Assembly

SEAT CUSHION TRIM AND PAD

19. Manual seat outer lower finisher

Disassembly

CAUTION:

 During installation, the wire harness clips must be reinstalled in the holes they were originally in. Do not add additional clips.

NOTE:

If the vehicle has been involved in a collision, the seat must be inspected for damage. Refer to <u>SR-19. "For</u> <u>E</u> <u>Side and Rollover Collision"</u>.

- 1. Remove the front seat assembly. Refer to SE-21, "Removal and Installation".
- 2. Remove the front seat finishers and seat outer finisher.
- 3. Remove two bolts and two rear clips retaining the seat cushion, remove seat cushion and trim.

- 4. Remove the retainer on the seat cushion frame, then remove the harness connector for the seat heater.
- 5. After removing the seat cushion trim and pad, remove the hog rings to separate the trim from the pad and seat cushion heater unit.

Assembly

Assembly is in the reverse order of disasembly. PASSENGER SIDE Pull up Bill up Bill up Bill up



INFOID:000000001346308

- [COUPE]
- 15. Seat slide switch
- 18. Manual seat recline lever
- 21. Manual slide cover
- 24. Bezel

В

А

Η

SE

Κ

L

F

M

Ν

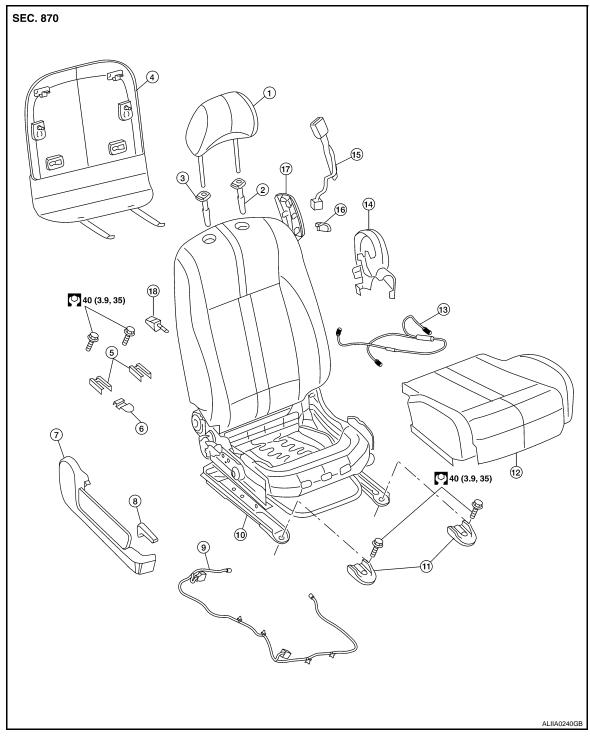
Ρ

< DISASSEMBLY AND ASSEMBLY >

PASSENGER SIDE : Exploded View

INFOID:000000001346309

[COUPE]



- 1. Headrest
- 4. Seatback board
- 7. Outer finisher
- 10. Seatback/frame assembly
- 13. SRS seat harness
- 16. Release handle

- 2. Headrest holder (free)
- 5. Rear leg covers
- 8. Seatback lever
- 11. Front leg covers
- 14. Inner finisher
- 17. Release handle cover

- 3. Headrest holder (locked)
- 6. Clip harness
- 9. Power seat harness
- 12. Seat cushion assembly
- 15. Seat belt buckle
- 18. Kick lever

PASSENGER SIDE : Disassembly

Disassembly and Assembly

Disassembly

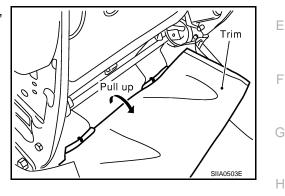
CAUTION:

• During installation, the wire harness clips must be reinstalled in the holes they were originally in. Do not add additional clips.

NOTE:

If the vehicle has been involved in a collision, the seat must be inspected for damage. Refer to <u>SR-18, "For</u> <u>Frontal Collision"</u>.

- 1. Remove the front seat assembly. Refer to <u>SE-21</u>.
- 2. Remove the front seat finisher and seat outer finisher.
- 3. Remove two bolts and two rear clips retaining the seat cushion, remove seat cushion assembly.



- 4. Remove the retainer on the seat cushion frame.
- 5. After removing the seat cushion trim and pad, remove the hog rings to separate the trim from the pad.

Assembly

Assembly is in the reverse order of disasembly.

INFOID:000000001346310

В

С

D

SE

Κ

L

Μ

Ν

Ρ

А

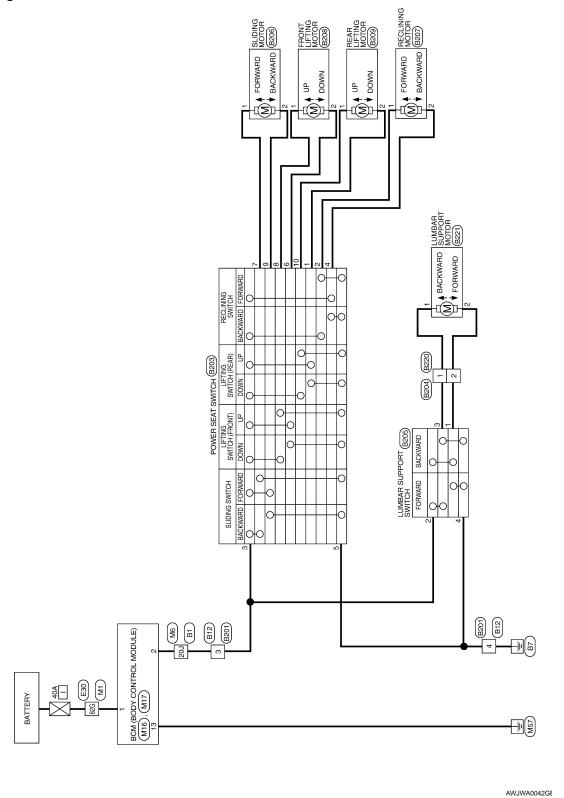
< COMPONENT DIAGNOSIS >

COMPONENT DIAGNOSIS POWER SEAT FOR DRIVER SIDE

Wiring Diagram

POWER SEAT FOR DRIVER SIDE

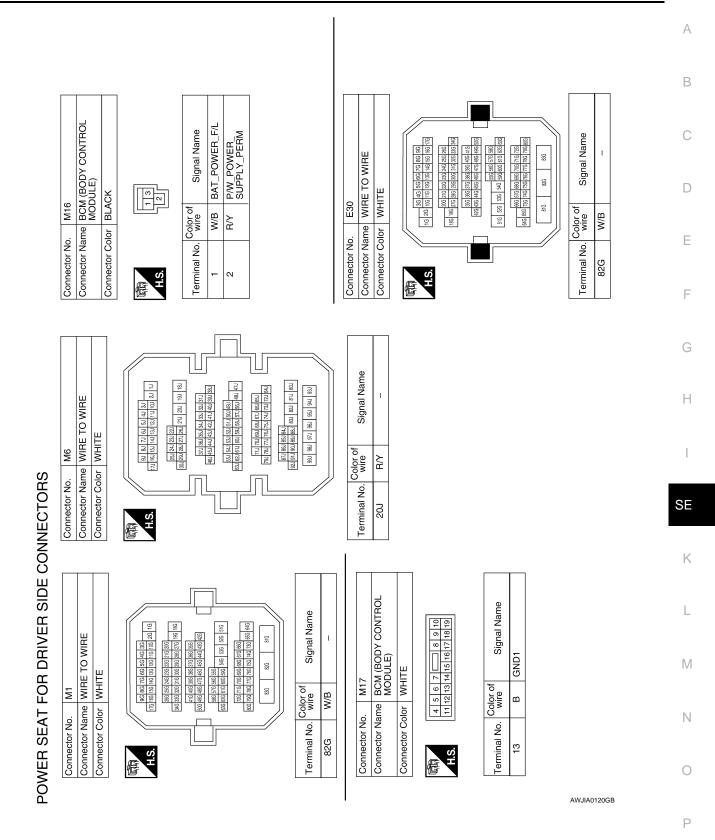
INFOID:000000003214648

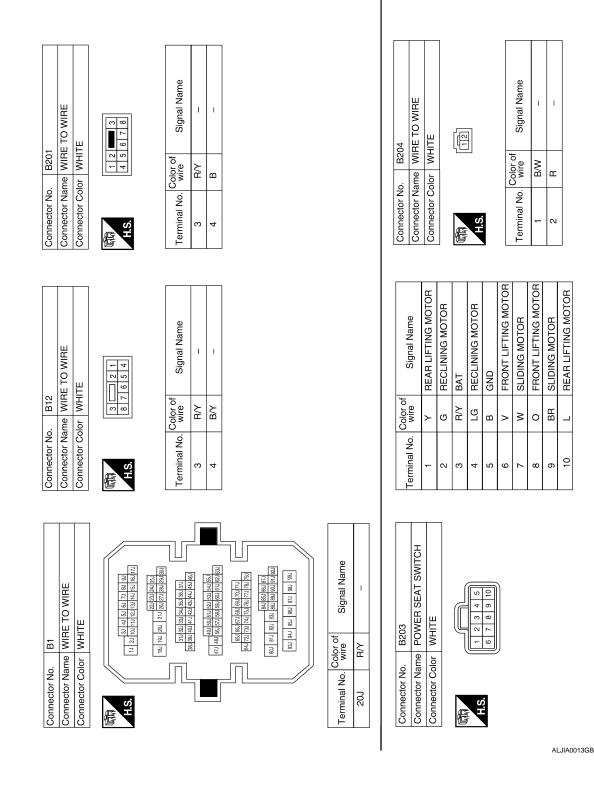




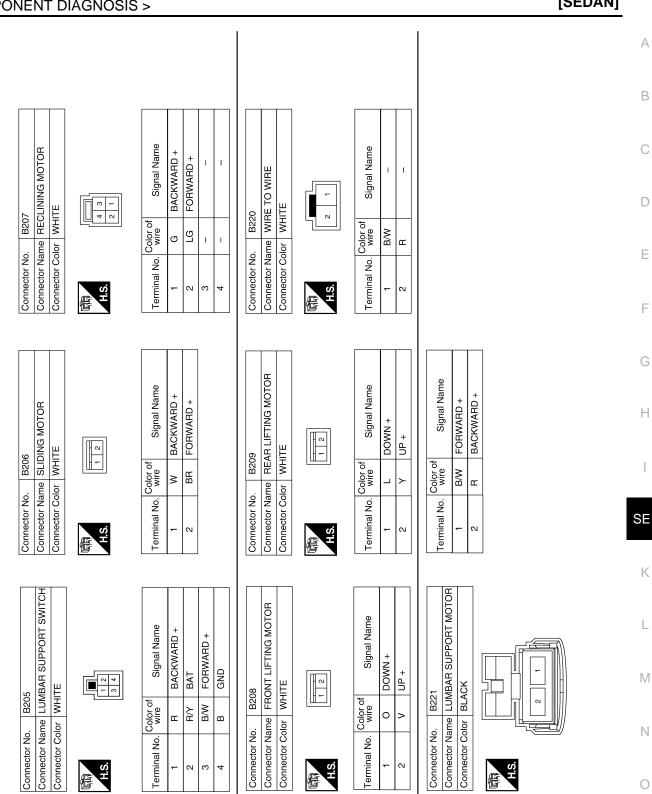
< COMPONENT DIAGNOSIS >

[SEDAN]





< COMPONENT DIAGNOSIS >



< COMPONENT DIAGNOSIS >

[SEDAN]

ALJIA0034GB

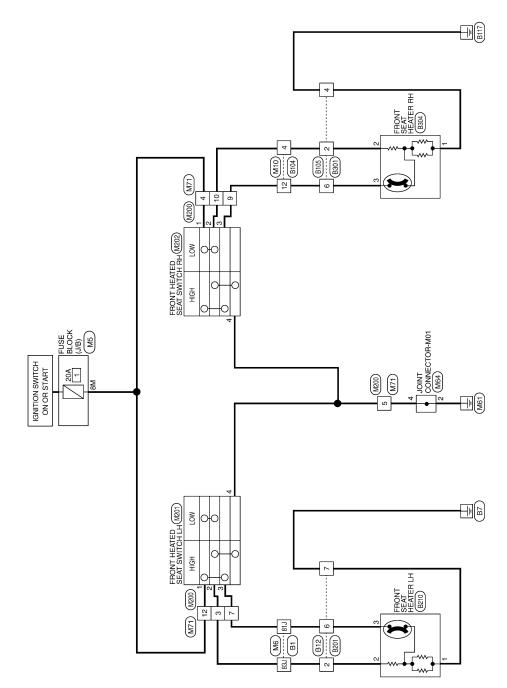
Ρ

< COMPONENT DIAGNOSIS >

HEATED SEAT

Wiring Diagram

INFOID:000000003214649



HEATED SEAT

AWJWA0043GE

			А
			В
	Signal Name	O WIRE Signal Name	С
	Terminal No. Color of S 81J GR/R 83J GR	Connector No. M71 Connector Name WIRE TO WIRE Connector Name WIRE TO WIRE Connector Name WIRE TO WIRE Terminal No. M71 3 GR 4 G/R 5 B 7 GR/R 9 GR/R 10 GR/L 12 G/R	D E F
			G
	M6 WIRE TO WIRE WHE TO WIRE WHITE NHITE NHITE Statistical statis statistatis statistical statistical statistical statistical st	Signal Name Signal Name Signal Name -	Н
	ctor Name	B B Color Color E	SE
	Conne	Conne Conne Conne Conne Conne Conne	К
CTORS	-OCK (J/B) am 2m m am 7m (am am 7m (am) signal Name	Signal Name	L
CONNE	5. M5 ame FUSE BLOCK (J) blor WHITE 5M44 (M4) (M4) (M4) (M4) 12M(11) (M6) (M4) (M4) (M4) (M4) (M4) (M4) (M4) (M4	M10 M10 WIRE TO WIRE TO V/R 10 9	Μ
HEATED SEAT CONNECTORS	Connector No. M5 Connector Name FUSE BLOCK (J/B) Connector Color WHITE Main Signal Main Minimulani No. Color of wire BM G/R	ninector No. ninal No. 12	Ν
HEATE		ALJIA0014GB	0

HEATED SEAT

< COMPONENT DIAGNOSIS >

[SEDAN]

Ρ

Connector No. Connector Name W Connector Name W Connector Name W 3 GR 3 GR 5 B 10 Color W 10 Color W 10 Color W 11 Color V 11 Color V 12 Color V 12 Color V 12 Color V 12 Color V 13 Color V 14 Color V 14 Color V 15 Color V 16 Color V 17 Color V 17 Color V 17 Color V 17 Color V 16 Color V 17 C	M200 WIRE TO WIRE WHITE WHITE	Connector Name FRC Connector Name SWI SWI SWI FRC MHA FRC MHA FRC MHA FRC MHA FRC SWI FRC SWI FRC SWI FRC SWI FRC SWI FRC SWI FRC SWI FRC SWI FRC SWI SWI SWI SWI SWI SWI SWI SWI SWI SWI	M201 FRONT HEATED SEAT SWITCH LH WHITE	Connector Name SWITCH RH Connector Name SWITCH RH Connector Color M202 SWITCH RH SWITCH RH SWITCH RH Connector Color MSM FRONT HEATED SEAT Connector Color BROWN Terminal No. Onior of RPI Signal Name Terminal No. Onior of RIB Arritication Signal Name Terminal No. Connector Name BR/B HIGH - LOW + 3 GR/B 4 B Connector Name WIRE TO WIRE Connector No. B12 Connector No. B12 Connector Name WIRE TO WIRE Connector No. B12 Connector Name WIRE TO WIRE Connector No. B12 Connector No. B12 Connector No. B12 Connector No. B12
--	---	---	---	---

< COMPONENT DIAGNOSIS >

[SEDAN]

ALJIA0015GB

	Signal Name	Connector No. B304 Connector Name FRONT SEAT HEATER RH Connector Color WHITE Terminal No. Color of white 1 B 2 GR 3 GR/R	
B201 WIRE TO WI WHITE		B304 FRONT SEAT HEA WHITE ar of GND GND CON HIGH +	
Connector No. B201 Connector Name WIRE TO WIRE Connector Color WHITE	al No. Color of wire GR/R B B	Connector No. B304 Connector Name FRON Connector Color WHIT Terminal No. Color WHIT 3 GR/R H	
Connec Connec Connec	Terminal No. 2 6 7	Connector Ne Connector Ne Connector Connector 2 1 3	
E TO WIRE WN 8 5 4 4	Signal Name	Signal Name	
B105 wIRE TC BROWN 1 1 1 1 1 1 1 1 1 1 1 1 1	Color of wire GR/G B GR/R	0. B301 ame WIRE T ame WIRE T olor WHITE Ame GR GR GR/R B B	
Connector No. B105 Connector Name WIRE TO WIRE Connector Color BROWN 3 2 3 2	Terminal No. C 2 4 6	Connector No. B301 Connector Name WIRE TO WIRE Connector Color WHITE Terminal No. Color of write Signal Ni Z GR - 7 B -	Ş
0 WIRE	Signal Name 	B210 FRONT SEAT HEATER LH WHITE e e GND E GND HIGH - LOW + HIGH +	
B104 WIRE TO WIR BROWN			
Solor E Vo.	No. Color of error of error of GR/G GR/G		
Connector No. B104 Connector Name WIRE TO WIRE Connector Color BROWN	Terminal No. 4 12	Connector No. Connector Name Connector Color Terminal No. Solo Manage Color 3 GR	
		ALJIA0035GB	

< COMPONENT DIAGNOSIS >

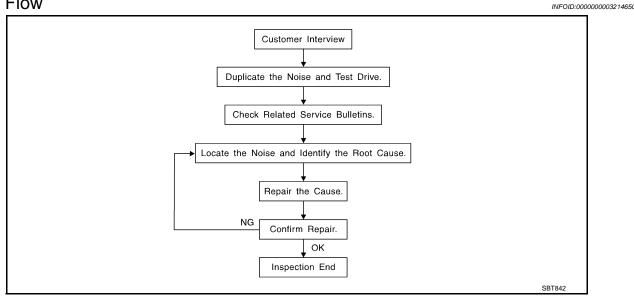
Ρ

[SEDAN]

SYMPTOM DIAGNOSIS

SQUEAK AND RATTLE TROUBLE DIAGNOSES

Work Flow



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-40</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 = lowerpitch 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

[SEDAN]

< SYMPTOM DIAGNOSIS >

< SYMPTOM DIAGNOSIS > [SEDAN]	
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.	А
If the noise can be duplicated easily during the test drive, to help identify the source of the noise, try to dupli- cate the noise with the vehicle stopped by doing one or all of the following: 1) Close a door.	В
2) Tap or push/pull around the area where the noise appears to be coming from.	
 4) Use a floor jack to recreate vehicle "twist". 5) At idle, apply engine load (electrical load, half-clutch on M/T models, drive position on A/T models). 	С
 b) Raise the vehicle on a hoist and hit a fire 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. 	D
CHECK RELATED SERVICE BULLETINS	Е
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.	F
LOCATE THE NOISE AND IDENTIFY THE ROOT CAUSE	Г
1. Narrow down the noise to a general area. To help pinpoint the source of the noise, use a listening tool (Chassis Ear: J-39570, Engine Ear and mechanics stethoscope).	G
2. Narrow down the noise to a more specific area and identify the cause of the noise by:	
Do not use too much force when removing clips and fasteners, otherwise clips and fastener can be broken	Н
 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. 	I
• feeling for a vibration with your hand by touching the component(s) that you suspect is (are) causing the	
	SE
 looking for loose components and contact marks. 	
Refer to SE-38. "Generic Squeak and Rattle Troubleshooting".	
REPAIR THE CAUSE	Κ
 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 Depart- 	L
	M
Do not use excessive force as many components are constructed of plastic and may be damaged.	
NOTE: Always check with the Parts Department for the latest parts information	NI
The following materials are contained in the Nissan Squeak and Rattle Kit (J-43980). Each item can be	Ν
URETHANE PADS [1.5 mm (0.059 in) thick]	0
76268-9E005: 100 \times 135 mm (3.94 \times 5.31 in)/76884-71L01: 60 \times 85 mm (2.36 \times 3.35 in)/76884-	0
	Р
Insulates components from contact. Can be used to fill space behind a panel.	
73982-9E000: 45 mm (1.77 in) thick, 50 $ imes$ 50 mm (1.97 $ imes$ 1.97 in)/73982-	
80845-71L00: 30 mm (1.18 in) thick, 30 $ imes$ 50 mm (1.18 $ imes$ 1.97in) FELT CLOTHTAPE	
	To 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. 3) Rev the engine: 4) Use a floor: 5) Tay or push/pull around the area where the noise appears to be coming from. 3) Rev the engine: 4) Use a floor: 5) At idle, apply engine load (electrical load, half-clutch on M/T models, drive position on A/T models). 6) Raise 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 solwly 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, follow the procedure to repair the noise. • COCATE THE NOISE AND IDENTIFY THE ROOT CAUSE 1. Narrow down the noise to a general area. To help pinpoint the source of the noise, use a listening tool (Chassis Ear J-39570, Engine Ear and mechanics stethoscope). 2. Narrow down the noise to a more specific area and identify the cause of the noise will be eliminated only temporarily the reguint met at you suspect is causing the noise. Do not use too much force when removing clps and fasteners, otherwise elips and fastener can be broken or lost during the repair, resulting in the creation of new noise. • Placing a piece of paper between components that you suspect is causing the noise. • Placing a piece of paper between components are constructed of plastic and may be damaged. • Narrow down the and taken the idubleshooting". • Repair for a vibration with your hand by touching the componen

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

SE-37

< SYMPTOM DIAGNOSIS >

[SEDAN]

68370-4B000: 15 \times 25 mm (0.59 \times 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 in place of UHMW tape that will be visible or not fit. 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:000000003214651

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

INSTRUMENT PANEL

Most incidents are caused by contact and movement between:

- 1. Acrylic lens and combination meter housing
- 2. Instrument panel to front pillar finishers
- 3. Instrument panel to windshield
- 4. Instrument panel mounting pins
- 5. Wiring harnesses behind the combination meter
- 6. A/C defroster duct and duct joint

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

CAUTION:

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

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

DOORS

Pay attention to the:

- 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

SE-38

< SYMPTOM DIAGNOSIS > A loose license plate or bracket 4. Most of these incidents can be repaired by adjusting, securing or insulating the item(s) or component(s) causing the noise.

SUNROOF/HEADLINING

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

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

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

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. Е In addition, look for: 1.

- Loose harness or harness connectors. 2 Front console man/reading lamp lens lo

9

2. 3.	Loose screws at console attachment points.	F
SE	ATS	
	nen isolating seat noise it's important to note the position the seat is in and the load placed on the seat when noise is present. These conditions should be duplicated when verifying and isolating the cause of the se.	G
Ca	use of seat noise include:	
1.	Headrest rods and holder	Н
2.	A squeak between the seat pad cushion and frame	
3.	The rear seatback lock and bracket	I
diti	ese noises can be isolated by moving or pressing on the suspected components while duplicating the con- ons under which the noise occurs. Most of these incidents can be repaired by repositioning the component applying urethane tape to the contact area.	
UN	IDERHOOD	SE
trar	me interior noise may be caused by components under the hood or on the engine wall. The noise is then nosmitted into the passenger compartment. uses of transmitted underhood noise include:	K
1.	Any component mounted to the engine wall	
2.	Components that pass through the engine wall	L
3.	Engine wall mounts and connectors	
4.	Loose radiator mounting pins	
5.	Hood bumpers out of adjustment	M
6.	Hood striker out of adjustment	
me or l	ese noises can be difficult to isolate since they cannot be reached from the interior of the vehicle. The best thod is to secure, move or insulate one component at a time and test drive the vehicle. Also, engine RPM load can be changed to isolate the noise. Repairs can usually be made by moving, adjusting, securing, or ulating the component causing the noise.	Ν
		0

Ρ

[SEDAN]

А

В

С

D

< SYMPTOM DIAGNOSIS >

Diagnostic Worksheet

[SEDAN]

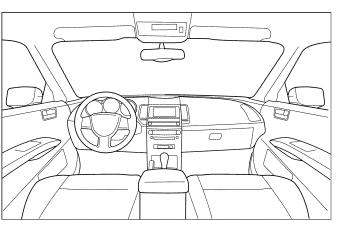
Dear Customer:

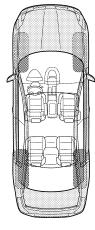
We are concerned about your satisfaction with your vehicle. Repairing a squeak or rattle sometimes can be very difficult. To help us fix your vehicle right the first time, please take a moment to note the area of the vehicle where the squeak or rattle occurs and under what conditions. You may be asked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

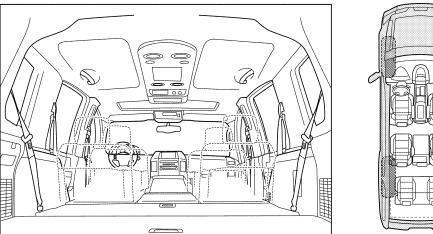
SQUEAK & RATTLE DIAGNOSTIC WORKSHEET

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

< SYMPTOM DIAGNOSIS >

[SEDAN]

Anytime After sitting out in the rain 1 st time in the morning When it is raining or wet Only when it is cold outside Dry or dusty conditions Only when it is hot outside Other: III. WHEN DRIVING: V. WHAT TYPE OF NOISE Through driveways Squeak (like tennis shoes on a clean floor) Over rough roads Creak (like walking on an old wooden floor) Over speed bumps Rattle (like shaking a baby rattle) Only aboutmph Knock (like a knock at the door) On acceleration Tick (like a clock second hand) Coming to a stop Thump (heavy muffled knock noise) On turms: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Other: Other:	Istime in the morning When it is raining or wet Only when it is cold outside Dry or dusty conditions Only when it is hot outside Other: III. WHEN DRIVING: IV. WHAT TYPE OF NOISE Through driveways Squeak (like tennis shoes on a clean floor) Over rough roads Creak (like walking on an old wooden floor) Over speed bumps Rattle (like shaking a baby rattle) Only aboutmph Knock (like a knock at the door) On acceleration Tick (like a clock second hand) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Other: TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes: Vehicle test driven with customer Pressonnel Noise source located and repaired Presi Noise source located and repaired Pate:	Briefly describe the location where the	e noise occurs:
Anytime After sitting out in the rain 1 st time in the morning When it is raining or wet Only when it is cold outside Dry or dusty conditions Only when it is hot outside Other: III. WHEN DRIVING: V. WHAT TYPE OF NOISE Through driveways Squeak (like tennis shoes on a clean floor) Over rough roads Creak (like walking on an old wooden floor) Over speed bumps Rattle (like shaking a baby rattle) Only aboutmph Knock (like a knock at the door) On acceleration Tick (like a clock second hand) Coming to a stop Thump (heavy muffled knock noise) On turms: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Other: Other:	Anytime After sitting out in the rain Ist time in the morning When it is raining or wet Dry or dusty conditions Dry or dusty conditions Dry or dusty conditions Orly when it is hot outside Dry or dusty conditions Orly when it is hot outside Dry or dusty conditions Orly when it is hot outside Dry or dusty conditions Orly when it is hot outside Dry or dusty conditions Orly when it is hot outside Dry or dusty conditions Orly about _ mph Buze (like tennis shoes on a clean floor) Over rough roads Creak (like walking on an old wooden floor) Over rough roads Creak (like walking on an old wooden floor) Over rough roads Creak (like a kaking a baby rattle) Only about _ mph Knock (like a knock at the door) On acceleration Tick (like a clock second hand) Coming to a stop Thump (heavy muffled knock noise) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Other: minutes TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes: minutes YES NO Initials of person performing Noise source located and repaired Drive Notes Drive Notes Drive Notes Drive Notes Drive with customer Drive is customer Name		
Ist time in the morning When it is raining or wet Only when it is cold outside Dry or dusty conditions Only when it is hot outside Other: III. WHEN DRIVING: IV. WHAT TYPE OF NOISE Through driveways Squeak (like tennis shoes on a clean floor) Over rough roads Creak (like walking on an old wooden floor) Over speed bumps Rattle (like shaking a baby rattle) Only aboutmph Knock (like a clock second hand) On acceleration Through (rike a clock second hand) Coming to a stop Thump (heavy muffled knock noise) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Other:	Ist time in the morning When it is raining or wet Only when it is cold outside Dry or dusty conditions Only when it is hot outside Other: III. WHEN DRIVING: IV. WHAT TYPE OF NOISE Through driveways Squeak (like tennis shoes on a clean floor) Over rough roads Creak (like walking on an old wooden floor) Over speed bumps Rattle (like shaking a baby rattle) Only aboutmph Knock (like a knock at the door) On acceleration Tick (like a clock second hand) Coming to a stop Thump (heavy muffled knock noise) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Other: Other miles orminutes TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes:	II. WHEN DOES IT OCCUR? (please	e check the boxes that apply)
Ist time in the morning When it is raining or wet Only when it is cold outside Dry or dusty conditions Only when it is hot outside Other: III. WHEN DRIVING: IV. WHAT TYPE OF NOISE III. WHEN DRIVING: IV. WHAT TYPE OF NOISE Only about Squeak (like tennis shoes on a clean floor) Over rough roads Creak (like walking on an old wooden floor) Over speed bumps Rattle (like shaking a baby rattle) Only aboutmph Knock (like a clock second hand) On acceleration Tick (like a clock second hand) Coming to a stop Hump (heavy muffled knock noise) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Other: After drivingmiles orminutes TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes:	Ist time in the morning When it is raining or wet Only when it is cold outside Dry or dusty conditions Only when it is hot outside Dry or dusty conditions Only when it is hot outside Other: II. WHEN DRIVING: IV. WHAT TYPE OF NOISE Through driveways Squeak (like tennis shoes on a clean floor) Over rough roads Creak (like walking on an old wooden floor) Over speed bumps Rattle (like shaking a baby rattle) Only about mph Knock (like a clock second hand) On acceleration Tick (like a clock second hand) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Thump (heavy muffled knock noise) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Thump (heavy muffled knock noise) Other: minutes Vehicle test driven with customer No Initials of person Prove verified on test drive	☐ Anytime	After sitting out in the rain
Only when it is hot outside Other: III. WHEN DRIVING: IV. WHAT TYPE OF NOISE Through driveways Squeak (like tennis shoes on a clean floor) Over rough roads Creak (like walking on an old wooden floor) Over speed bumps Rattle (like shaking a baby rattle) Only aboutmph Knock (like a knock at the door) On acceleration Tick (like a clock second hand) Coming to a stop Thump (heavy muffled knock noise) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Buzz (like a bumble bee) TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes: YES NO Initials of person Phicke test driven with customer Noise verified on test drive Noise source located and repaired Noise source located and repaired Follow up test drive performed to confirm repair	Only when it is hot outside Other: III. WHEN DRIVING: IV. WHAT TYPE OF NOISE Orly about Squeak (like tennis shoes on a clean floor) Over rough roads Creak (like walking on an old wooden floor) Over speed bumps Rattle (like shaking a baby rattle) Only aboutmph Knock (like a knock at the door) On acceleration Tick (like a clock second hand) Coming to a stop Dhump (heavy muffled knock noise) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Other: After drivingmiles orminutes TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes:	-	
I. WHEN DRIVING: IV. WHAT TYPE OF NOISE Through driveways Squeak (like tennis shoes on a clean floor) Over rough roads Creak (like walking on an old wooden floor) Over speed bumps Rattle (like shaking a baby rattle) Only aboutmph Knock (like a knock at the door) On acceleration Tick (like a clock second hand) Coming to a stop Thump (heavy muffled knock noise) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Other: After drivingmiles orminutes TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes:	I. WHEN DRIVING: IV. WHAT TYPE OF NOISE	☐ Only when it is cold outside	Dry or dusty conditions
Image: A construction of the second secon	Image: Squeak (like tennis shoes on a clean floor) Over rough roads Creak (like walking on an old wooden floor) Over speed bumps Rattle (like shaking a baby rattle) Only aboutmph Knock (like a knock at the door) On acceleration Tick (like a clock second hand) Coming to a stop Thump (heavy muffled knock noise) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Other: After drivingmiles orminutes TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes:	Only when it is hot outside	Other:
Over rough roads Creak (like walking on an old wooden floor) Over speed bumps Rattle (like shaking a baby rattle) Only aboutmph Knock (like a knock at the door) On acceleration Tick (like a clock second hand) Coming to a stop Thump (heavy muffled knock noise) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Other: After drivingmiles orminutes Mo Initials of person performing Vehicle test driven with customer Noise verified on test drive	Over rough roads Creak (like walking on an old wooden floor) Over speed bumps Rattle (like shaking a baby rattle) Only aboutmph Knock (like a knock at the door) On acceleration Tick (like a clock second hand) Coming to a stop Thump (heavy muffled knock noise) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Buzz (like a bumble bee) Other:	II. WHEN DRIVING:	IV. WHAT TYPE OF NOISE
Over speed bumps Rattle (like shaking a baby rattle) Only aboutmph Knock (like a knock at the door) On acceleration Tick (like a clock second hand) Coming to a stop Thump (heavy muffled knock noise) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Other: After drivingmiles orminutes TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes: Vehicle test driven with customer Noise verified on test drive Noise source located and repaired Noise source located and repaired Follow up test drive performed to confirm repair	Over speed bumps Rattle (like shaking a baby rattle) Only aboutmph Knock (like a knock at the door) On acceleration Tick (like a clock second hand) Coming to a stop Thump (heavy muffled knock noise) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Other:		
Only aboutmph ☐ Knock (like a knock at the door) On acceleration ☐ Tick (like a clock second hand) Coming to a stop ☐ Thump (heavy muffled knock noise) On turns: left, right or either (circle) ☐ Buzz (like a bumble bee) With passengers or cargo ☐ Other:	Only aboutmph Knock (like a knock at the door) On acceleration Tick (like a clock second hand) Coming to a stop Thump (heavy muffled knock noise) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Other:		
On acceleration ☐ Tick (like a clock second hand) ☐ Coming to a stop ☐ Thump (heavy muffled knock noise) ☐ On turns: left, right or either (circle) ☐ Buzz (like a bumble bee) ☐ With passengers or cargo ☐ Other: ☐ Other:	On acceleration Tick (like a clock second hand) Coming to a stop Thump (heavy muffled knock noise) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Other: After drivingmiles orminutes TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes: YES NO Vehicle test driven with customer Noise verified on test drive Noise source located and repaired Follow up test drive performed to confirm repair Customer Name WO.# Date: Tip form must be attached to Work Order		
Coming to a stop Thump (heavy muffled knock noise) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Other: After drivingmiles orminutes TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes: YES NO Vehicle test driven with customer Noise verified on test drive Noise source located and repaired Follow up test drive performed to confirm repair Customer Name Vehicle test drive performed to confirm repair	Coming to a stop Thump (heavy muffled knock noise) On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Other: After drivingmiles orminutes TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes: YES NO Vehicle test driven with customer Noise source located and repaired Follow up test drive performed to confirm repair Venice: Venice: Customer Name Wo.# Date: This form must be attached to Work Order		
☐ On turns: left, right or either (circle) ☐ Buzz (like a bumble bee) ☐ With passengers or cargo ☐ Other: ☐ After drivingmiles orminutes TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes:	On turns: left, right or either (circle) Buzz (like a bumble bee) With passengers or cargo Other:		<u> </u>
With passengers or cargo Other: After drivingmiles orminutes	With passengers or cargo Other: After drivingmiles orminutes TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes: 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 UN:Customer Name		
Conter:	Other:		e) 🔲 Buzz (like a bumble bee)
After drivingmiles orminutes 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	After drivingmiles orminutes 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 - Noise source located and repaired - Follow up test drive performed to confirm repair VIN:Customer Name WO.#Date: This form must be attached to Work Order		
TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes: YES NO Initials of person performing Vehicle test driven with customer	TO BE COMPLETED BY DEALERSHIP PERSONNEL Test Drive Notes: YES NO Initials of person Vehicle test driven with customer • Noise verified on test drive • Noise source located and repaired • Follow up test drive performed to confirm repair Customer Name WIN: Customer Name WO.# Date: This form must be attached to Work Order		
YES NO Initials of person performing Vehicle test driven with customer	Test Drive Notes: YES NO Initials of person performing Vehicle test driven with customer	After driving miles or	minutes
YES NO Initials of person performing Vehicle test driven with customer	YES NO Initials of person performing Vehicle test driven with customer	After driving miles or	minutes
Vehicle test driven with customer	Vehicle test driven with customer		
Vehicle test driven with customer	Vehicle test driven with customer	TO BE COMPLETED BY DEALERSH	
Vehicle test driven with customer	Vehicle test driven with customer	TO BE COMPLETED BY DEALERSH	
Noise verified on test drive Noise source located and repaired Noise source located and repaired Follow up test drive performed to confirm repair	Noise verified on test drive Noise source located and repaired Noise source located and repaired Dete: Date: This form must be attached to Work Order	TO BE COMPLETED BY DEALERSH	
- Noise source located and repaired I I I I I I I I I I I I I I I I I I I	- Noise source located and repaired - Follow up test drive performed to confirm repair /IN: Customer Name W.O.# Date: This form must be attached to Work Order	TO BE COMPLETED BY DEALERSH	HIP PERSONNEL
- Follow up test drive performed to confirm repair	- Follow up test drive performed to confirm repair	TO BE COMPLETED BY DEALERSH Test Drive Notes:	HIP PERSONNEL
VIN: Customer Name	VIN: Customer Name W.O.# Date: This form must be attached to Work Order	TO BE COMPLETED BY DEALERSH Test Drive Notes:	HIP PERSONNEL YES NO Initials of person performing
	W.O.# Date: This form must be attached to Work Order	TO BE COMPLETED BY DEALERSH Test Drive Notes: Vehicle test driven with customer - Noise verified on test drive	HIP PERSONNEL YES NO Initials of person performing
	W.O.# Date: This form must be attached to Work Order	TO BE COMPLETED BY DEALERSH Test Drive Notes: Vehicle test driven with customer - Noise verified on test drive - Noise source located and repaired	HIP PERSONNEL YES NO Initials of person performing
W.O.# Date:	This form must be attached to Work Order	TO BE COMPLETED BY DEALERSH Test Drive Notes: Vehicle test driven with customer - Noise verified on test drive - Noise source located and repaired - Follow up test drive performed to co	HIP PERSONNEL YES NO Initials of person performing Image:
LAIA0071E		BE COMPLETED BY DEALERSH st Drive Notes: hicle test driven with customer loise verified on test drive loise source located and repaired follow up test drive performed to co l:	HIP PERSONNEL YES NO Initials of person performing Image:

< 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.

Service Notice

INFOID:000000003214654

- When removing or installing various parts, place a cloth or padding onto the vehicle body to prevent scratches.
- Handle trim, molding, instruments, grille, etc. carefully during removing or installing. Be careful not to oil or damage them.
- Apply sealing compound where necessary when installing parts.
- When applying sealing compound, be careful that the sealing compound does not protrude from parts.
- When replacing any metal parts (for example body outer panel, members, etc.), be sure to take rust prevention measures.

Precaution for Work

INFOID:000000003214655

- 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, and gasoline.
- For genuine leather seats, use a genuine leather seat cleaner.

PREPARATION

< PREPARATION >

PREPARATION PREPARATION

Special Service Tool

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	C
 (J-39570) Chassis ear		Locating the noise	D
	SIIA0993E		F
		Repairing the cause of noise	G
(J-43980) NISSAN Squeak and Rattle Kit			F
	SIIA0994E		1
Commercial Service Too			D:000000003214657
		INFO	L:000000003214657
(Kent-Moore No.) Tool name		Description	L
(J-39565) Engine ear		Locating the noise	N
	SIIA0995E		Ν
			С

INFOID:000000003214656

Ρ

А

В

< ON-VEHICLE REPAIR >

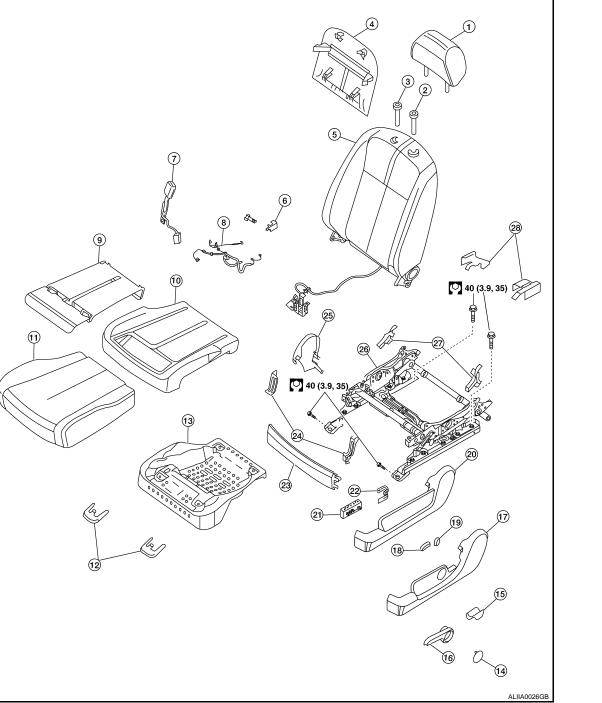
ON-VEHICLE REPAIR FRONT SEAT

I KONI OLAI

Exploded View

DRIVER'S SEAT

SEC.870



- 1. Headrest
- 4. Seatback board
- 7. Seat belt buckle
- 10. Seat cushion

2. Headrest holder (free)

SE-44

- 5. Seatback assembly
- 8. Seat harness
- 11. Seat trim

- 3. Headrest holder (locked)
- 6. Slide cover
- 9. Frame cushion support
- 12. Front leg covers

INFOID:000000003219637

< ON-VEHICLE REPAIR >

- 13. Seat cushion frame
- 16. Manual seat recline lever
- 19. Seat reclining switch
- 22. LH seat bracket
- 25. Inner seat cover
- 28. Rear leg covers

PASSENGER'S SEAT

- 14. Recline lever finisher
- 17. Manual seat outer finisher
- 20. Power seat outer finisher
- 23. Front seat finisher
- 26. Seat frame assembly
- 15. Manual seat outer lower finisher

[SEDAN]

А

В

С

D

Ε

F

Н

SE

Κ

L

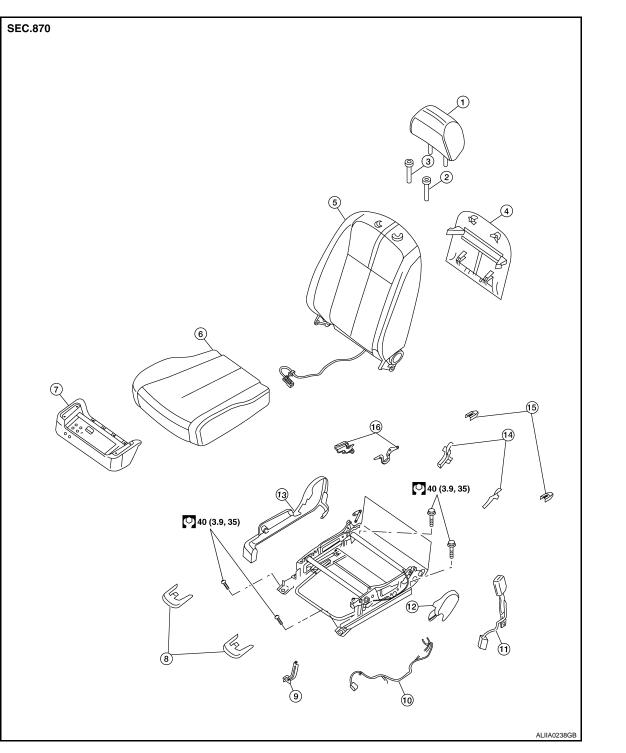
Μ

Ν

Ο

Ρ

- 18. Seat slide switch
- 21. Seat switch assembly
- 24. Cushion bracket
- 27. Cushion finishers



SE-45

< ON-VEHICLE REPAIR >

[SEDAN]

- 1. Headrest
- 4. Seatback board
- Seat storage assembly 7.
- 10. Seat harness
- 13. Inner finisher
- 16. Cushion finishers

Removal and Installation

REMOVAL

CAUTION:

- Before removing the front seat, turn the ignition switch off, disconnect both battery cables and wait and 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.
- Always replace passenger seat cushion as an assembly if equipped with Occupant Classification System.

NOTE:

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

- 1. Slide the seat until the four seat bolts are visible and a tool can be inserted.
- 2. Disconnect both battery cables and wait at least 3 minutes.
- 3. Remove the harness connector for the side air bag module.
- 4 Remove the four seat bolts.
- 5. Remove the power seat harness connector and vehicle harness clip from the vehicle.
 - NOTE:

When removing and installing, use shop cloths to protect the parts from damage where they may interfere with other parts.

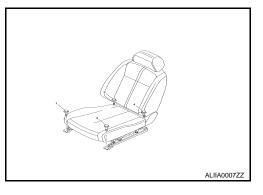
INSTALLATION

Installation is in the reverse order of removal.

NOTE:

When installing the front seats tighten the drivers seat bolts in the following order.

- 1. Front inner.
- 2. Front outer.
- Rear inner. 3.
- Rear outer. 4



When installing the front seats tighten the passenger seat bolts in the following order

- 1. Front inner.
- 2. Front outer.
- Rear inner. 3.
- Rear outer. 4



Front leg covers 11. Seatbelt buckle

Headrest holder (free)

Seatback assembly

14. Cushion finishers

2.

5.

8.

- 3. Headrest holder (locked)
- 6. Seat cushion assembly
- Cushion bracket 9.
- 12. Outer finisher
- 15. Rear leg covers

INFOID:00000003219638

< ON-VEHICLE REPAIR >

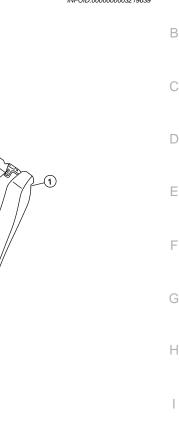
REAR SEAT

Exploded View

BENCH SEAT

SEC.880

А



- Κ

Μ

- Ν

- Ο
- Ρ

Rear seat side bolster assembly LH 2. 1.

(11)

(16)

- Rear seatback latch 4.
- 7. Rear seatback pad RH
- 10. Rear seatback pad trim LH
- Rear seatback latch mount

- 11. Armrest

3. Rear seat side bolster assembly RH

ALIIA0028GB

- 6. Seat belt guide
- 9. Rear seatback pad trim RH
- 12. Armrest trim panel

SE-47

- 5. Rear seatback trim panel
 - 8. Rear seatback pad LH

 $\overline{\mathcal{O}}$

10

22 (2.2, 19)

(9

Þ **17** (1.7, 15)

- 3

- 2
 - 22 (2.2, 19)
 - 8
- SE

 - L

REAR SEAT

14. Rear seatback hinge assembly

< ON-VEHICLE REPAIR >

- 13. Cup holder
- 16. Rear seat cushion

Removal and Installation

REMOVAL

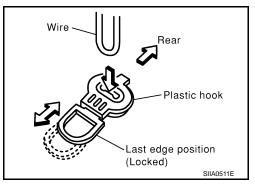
- 1. Remove the rear seat cushion trim and pad.
 - Pull the lock at the front bottom of the seat cushion forward (one for each side), and pull the seat cushion upward to release the wire from the plastic hook, then pull the seat cushion forward to remove.
- 2. Remove the seat belt webbing from the guides.
- 3. Fold seatbacks forward.
- 4. Remove upper seatback trim panel.
- 5. Remove rear side bolster bolts.
- 6. Lock seatbacks in upright position.
- 7. Remove the seatback hinge anchor bolts and nut.
- 8. Remove the seatback assembly.

INSTALLATION

Installation is in the reverse order of removal.



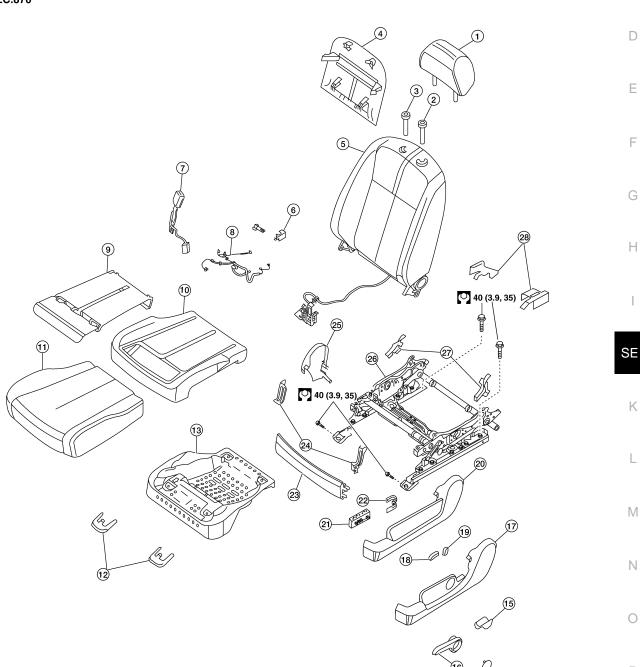
INFOID:000000003219640



15. Rear seat cushion trim

< DISASSEMBLY AND ASSEMBLY > DISASSEMBLY AND ASSEMBLY FRONT SEAT **DRIVER SIDE DRIVER SIDE : Exploded View**

SEC.870



- 1. Headrest
- Seatback board 4.
- 7. Seat belt buckle
- 10. Seat cushion

- 2. Headrest holder (free)
- 5. Seatback assembly
- 8. Seat harness
- 11. Seat trim
 - **SE-49**

14

ALIIA0026GB

- 3. Headrest holder (locked)
- 6. Slide cover
- 9. Frame cushion support
- 12. Front leg covers

[SEDAN]

INFOID:000000003219641

А

В

С

D

Ε

F

Н

Κ

L

Μ

Ν

Ο

Ρ

_

< DISASSEMBLY AND ASSEMBLY >

- 13. Seat cushion frame
- 16. Manual seat recline lever
- 19. Seat reclining switch
- 22. LH seat bracket
- 25. Inner seat cover
- 28. Rear leg covers

DRIVER SIDE : Disassembly and Assembly

SEAT CUSHION TRIM AND PAD

Disassembly

CAUTION:

• During installation, the wire harness clips must be reinstalled in the holes they were originally in. Do not add additional clips.

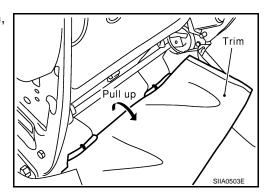
NOTE:

If the vehicle has been involved in a collision, the seat must be inspected for damage. Refer to <u>SR-18</u>, "For <u>Frontal Collision</u>".

- 1. Remove the front seat assembly. Refer to SE-46, "Removal and Installation"
- 2. Remove the front seat finishers and seat outer finisher.
- 3. Remove two bolts and two rear clips retaining the seat cushion, remove seat cushion and trim.

- 4. Remove the retainer on the seat cushion frame, then remove the harness connector for the seat heater.
- 5. After removing the seat cushion trim and pad, remove the hog rings to separate the trim from the pad and seat cushion heater unit.

Assembly Assembly is in the reverse order of disassembly. PASSENGER SIDE



- 15. Manual seat outer lower finisher
- 18. Seat slide switch
- 21. Seat switch assembly
- 24. Cushion bracket
- 27. Cushion finishers

INFOID:000000003219642

14. Recline lever finisher

FRONT SEAT

- 17. Manual seat outer finisher
- Power seat outer finisher
 Front seat finisher
- 26. Seat frame assembly

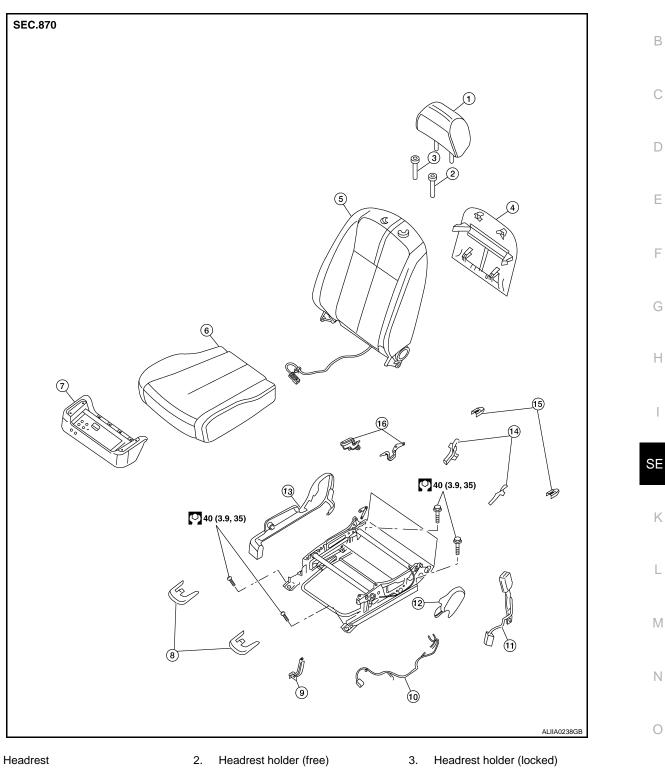
< DISASSEMBLY AND ASSEMBLY >

PASSENGER SIDE : Exploded View

[SEDAN]

INFOID:000000003219643

А



4. Seatback board

1.

- 7. Seat storage assembly
- 10. Seat harness
- 13. Inner finisher
- 16. Cushion finishers

- 5. Seatback assembly
- 8. Front leg covers
- 11. Seatbelt buckle
- 14. Cushion finishers

- 6. Seat cushion assembly
- 9. Cushion bracket
- 12. Outer finisher
- 15. Rear leg covers

Ρ

PASSENGER SIDE : Disassembly

Disassembly and Assembly

Disassembly

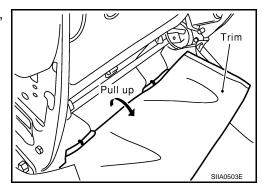
CAUTION:

• During installation, the wire harness clips must be reinstalled in the holes they were originally in. Do not add additional clips.

NOTE:

If the vehicle has been involved in a collision, the seat must be inspected for damage. Refer to <u>SR-18, "For</u> <u>Frontal Collision"</u>.

- 1. Remove the front seat assembly. Refer to <u>SE-46</u>.
- 2. Remove the front seat finisher and seat outer finisher.
- 3. Remove two bolts and two rear clips retaining the seat cushion, remove seat cushion and trim.



- 4. Remove the retainer on the seat cushion frame, then remove the harness connector for the seat heater.
- 5. After removing the seat cushion trim and pad, remove the hog rings to separate the trim from the pad and seat cushion heater unit.

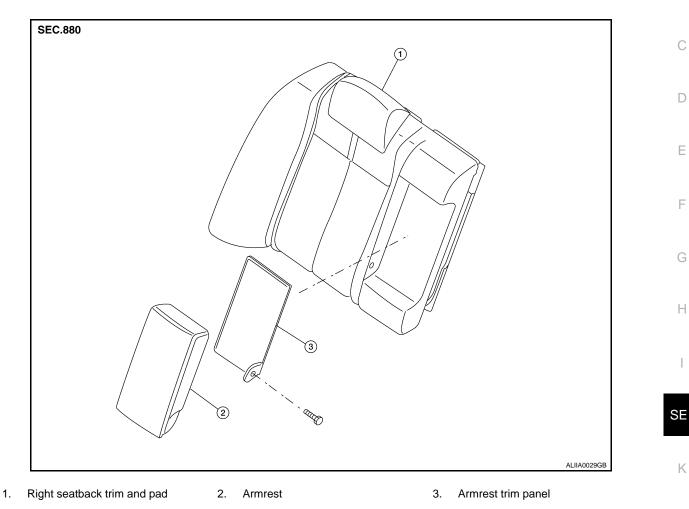
Assembly

Assembly is in the reverse order of disassembly.

< DISASSEMBLY AND ASSEMBLY >

REAR SEAT ARMREST

ARMREST : Exploded View



ARMREST : Disassembly and Assembly

Disassembly

- Fold left seatback forward. 1.
- 2. Remove the armrest trim panel.
- 3. Remove armrest bolt and remove the armrest.

Assembly

Assembly is in the reverse order of disassembly.

INFOID:000000003219645

- Ν
- Ο
- Ρ

А

В

С

D

Е

F

Н

Κ

L

Μ

INFOID:000000003219646