

SERVICE BULLETIN

Classification: BF93-018	Section: Body & Frame	Models: 1987-92 Truck/Pathfinder (D21/WD21)
Reference: TECHNICAL BULLETIN NTB93-064	Date: March 25, 1993	

TRUCK/PATHFINDER SQUEAKS & RATTLES REPAIR PROCEDURES

The following are repair procedures for squeaks and rattles in the 1987-92 Truck/Pathfinder vehicles. When removing the components listed in the Figures, be certain to follow all NOTES and CAUTIONS found in the BF Section of the Truck/Pathfinder Service Manuals. Also be sure to completely clean all surfaces to which tape will be applied.

1. Service Materials

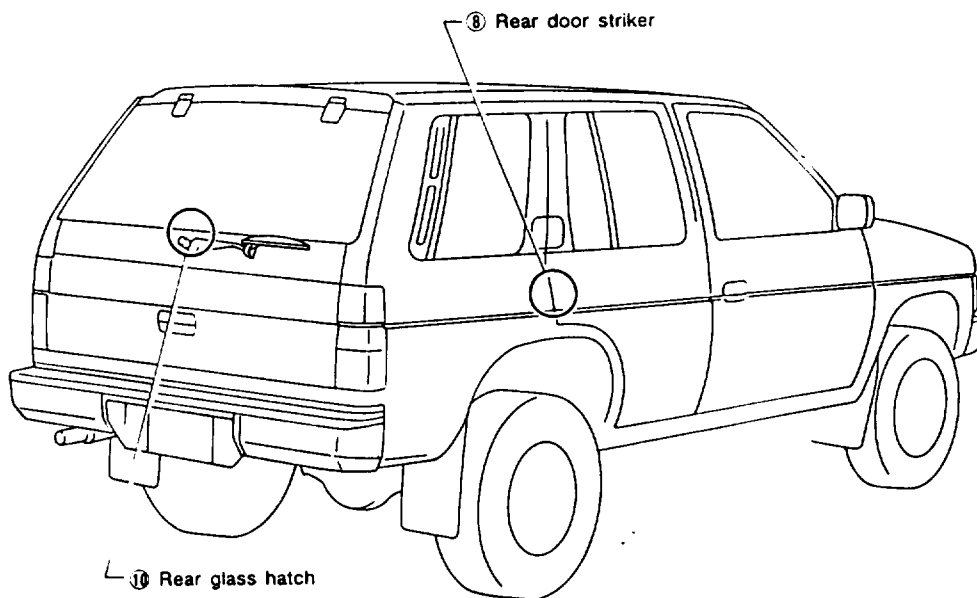
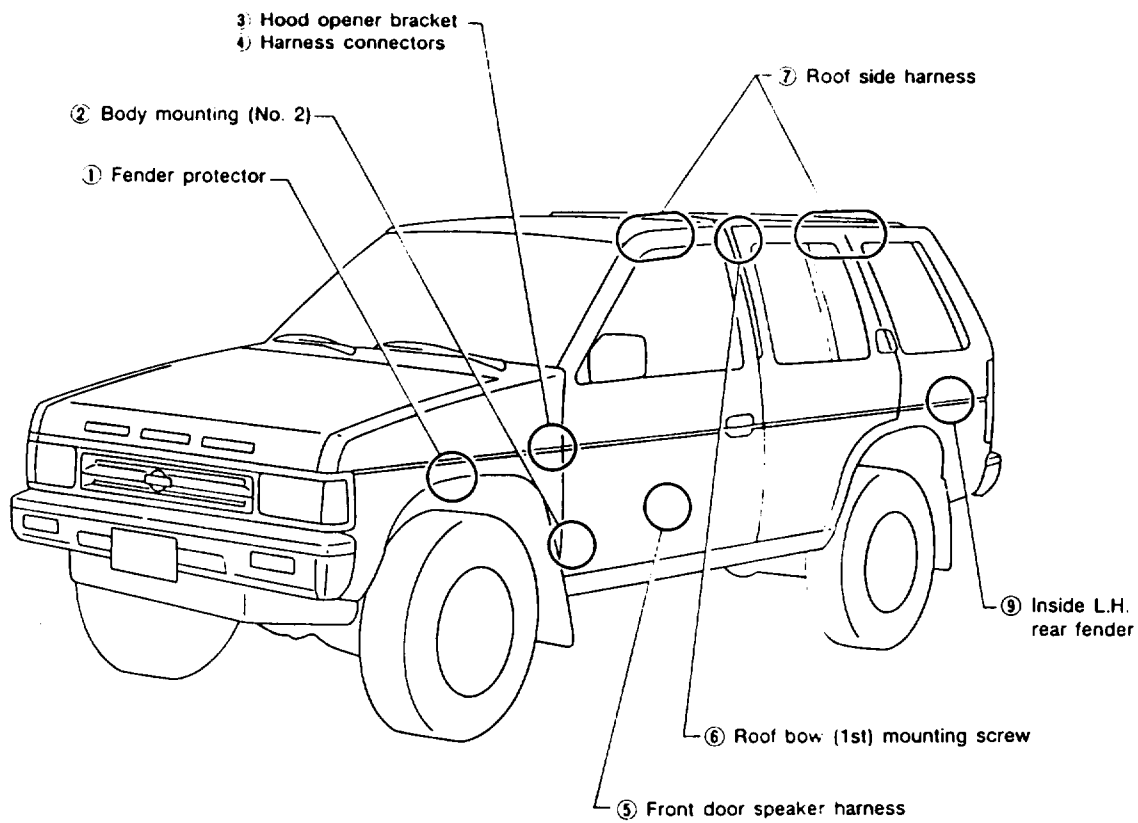
In addition to common materials such as vinyl electrical tape, silicone and multi-purpose grease, silicone and lithium grease spray, and windshield sealant, the following special materials are required.

- (1) Non-woven cloth tape (Part No. 68239-13E00)
- (2) Slip tape (Part No. 80812-10V60)
- (3) Urethane foam tape with one-side adhesive
- (4) Protect tape (Part No. B4271-U0100)

2. Locations of Noises

No.	Location (direction) of noise	Noise type	Condition	Page
1	Dash-board side (Fender protector)	Creak	While driving	4
2	Body mounting (No. 2)	Click	While driving	5
3	Under left side of instrument panel (Hood opener bracket)	Squeak	While driving	6
4	Under left side of instrument panel (Harness connectors)	Rattle	While driving	7
5	Inside front door (Door speaker harness)	Rattle	While driving	8
6	Upper side of R.H. center pillar (Roof bow mounting screw)	Creak	While driving	9
7	Left side of roof (Roof side harness)	Rattle	While driving	10
8	Rear door striker	Rattle	While driving	11
9	Inside L.H. rear fender	Rattle	While driving	12
10	Rear glass hatch	Rattle	While driving	13

LOCATIONS OF NOISE



3. Handling Precautions for Plastic Parts

Classification	Abbreviation	Material name	Heat resisting temperature °C (°F)	Resistance to gasoline and solvents	Other cautions
Thermoplasticity	PE	Polyethylene	80 (176)	Gasoline and most solvents are harmless.	Flammable
	PVC	Polyvinyl chloride	80 (176)	Gasoline and most solvents are harmless if applied for a very short time (wipe up quickly).	Poison gas is emitted when burned.
	PP	Polypropylene (Soft or hard type)	90 (194)	Same as above.	Flammable Avoid battery acid.
	ABS	Acrylonitrile butadiene styrene resin	80 (176)	Avoid gasoline and solvents.	
	AES	Acrylonitrile ethylene styrene	80 (176)	Avoid gasoline and solvents.	
	PMMA	Polymethyl methacrylate	85 (185)	Avoid gasoline and solvents.	
	AAS	Acrylonitrile acrylic rubber styrene	85 (185)	Avoid gasoline and solvents.	
	AS	Styrene-acrylonitrile	85 (185)	Avoid gasoline and solvents.	
	PPO	Polyphenylene oxide	110 (230)	Avoid gasoline and solvents.	
	POM	Polyacetal	120 (248)	Gasoline and solvents are harmless.	Avoid battery acid.
	PC	Polycarbonate	120 (248)	Avoid gasoline and solvents.	
	PA	Polyamide (Nylon)	140 (284)	Gasoline and most solvents are harmless.	Avoid immersing in water and battery acid.
	PPC	Polypropylene composite	115 (239)	Gasoline and most solvents are harmless.	Flammable
	PBT	Polybutylene terephthalate	140 (284)	Gasoline and most solvents are harmless.	
	TPR	Thermoplastic rubber	80 (176)	Avoid gasoline and solvents.	
	TPE	Thermoplastic elastomer	80 (176)	Avoid gasoline and solvents.	
	TPUR	Thermoplastic polyurethane	80 (176)	Avoid gasoline and solvents.	
Thermosetting	PUR	Polyurethane	90 (194)	Gasoline and most solvents are harmless.	Avoid battery acid.
	FRP	Fiber reinforced plastics	170 (338)	Same as above.	Avoid battery acid.

No. ①

MODEL: D21/WD21

PARTS/LOCATIONS AFFECTED: FENDER PROTECTOR

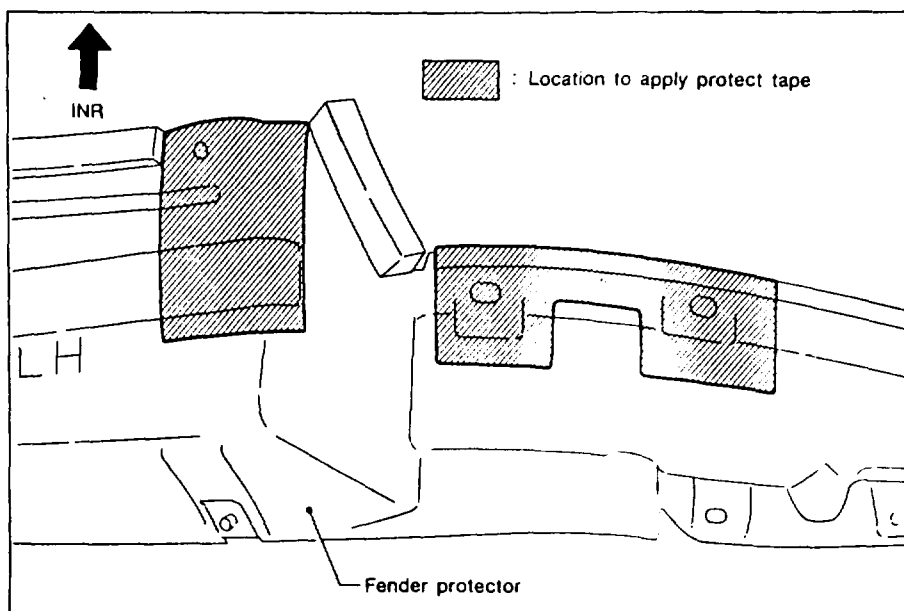
SYMPTOM: Creaking noise

REPAIR METHOD

Tools required: Standard (+) screwdriver, protect tape, knife

How to repair: As shown below, remove fender protectors and place "PROTECT" tape on the places marked by . Don't forget to make holes again in the spots of the original holes.

Take care not to apply too much tape and be conscious of the thicker fender protector when installing.



No. ②

MODEL: D21/WD21

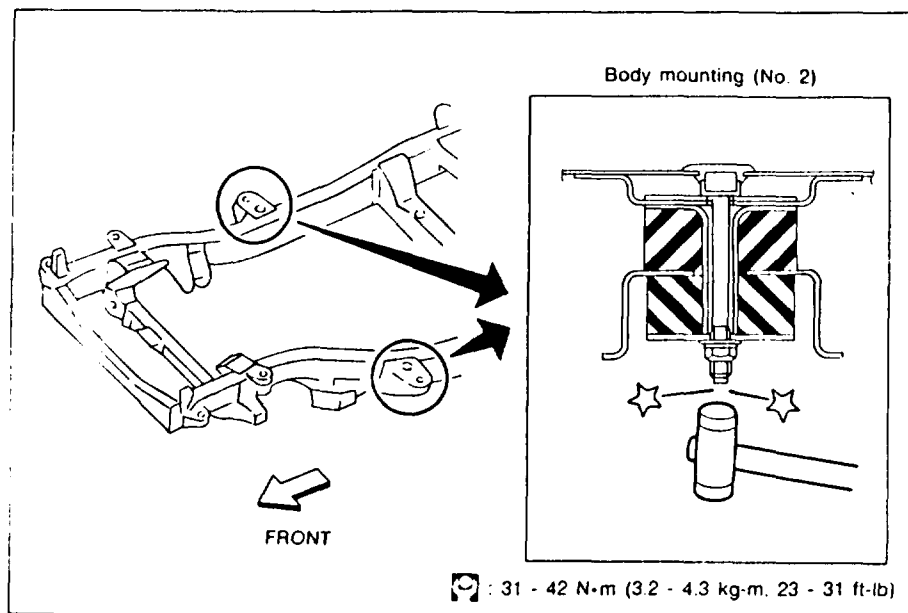
PARTS/LOCATIONS AFFECTED: BODY MOUNTING (No. 2)

SYMPTOM: Clicking noise

REPAIR METHOD

Tools required: Socket wrench (deep), plastic hammer

How to repair: Loosen the nut a little and tap on the head of the bolt with a plastic hammer.
Then tighten the nut again to the specified torque. (See below.)



No. ③

MODEL: D21/WD21

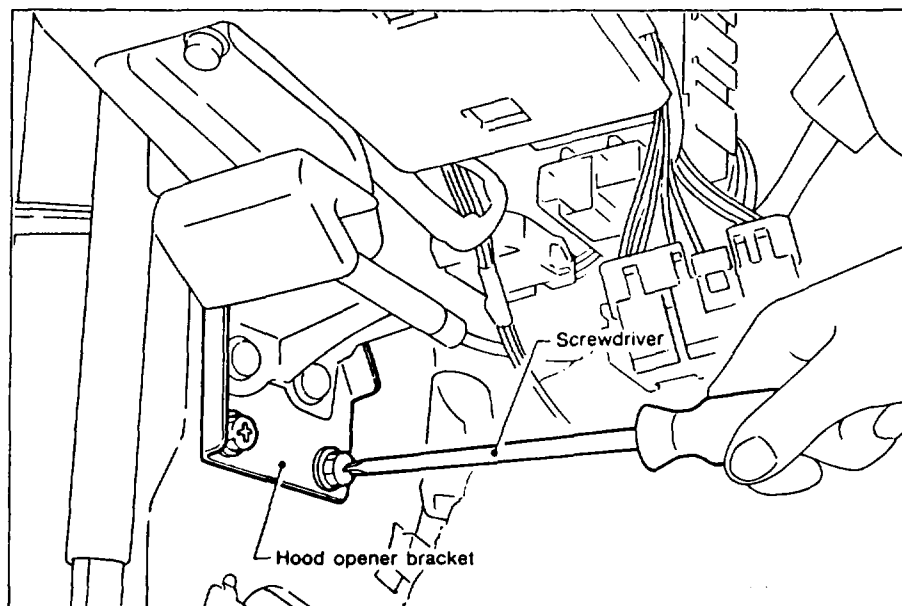
PARTS/LOCATIONS AFFECTED: HOOD OPENER BRACKET

SYMPTOM: Squeaking noise

REPAIR METHOD

Tools required: Screwdriver

How to repair: Remove the kicking plate and dashboard-side trim and evenly tighten the bolts of the hood opener bracket.



No. ④

MODEL: D21/WD21

PARTS/LOCATIONS AFFECTED: CONNECTORS UNDER LEFT SIDE OF INSTRUMENT PANEL

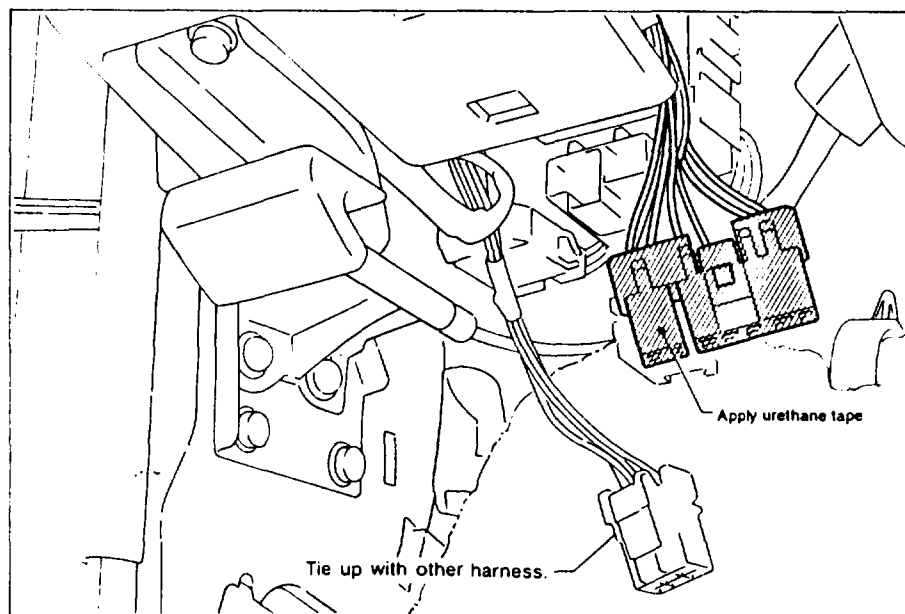
SYMPTOM: Rattling noise

REPAIR METHOD

Tools required: Gum tape, urethane tape

How to repair: Pull out harness connectors by reaching under the instrument panel. There are two connectors. The small white one should be tied up in a bundle with the other harnesses.

The big black one is a connector for diagnosis. Wrap it with urethane tape instead of tying it up since there is a possibility that it will be used. Then loop it up in the instrument panel.



No. ⑤

MODEL: D21/WD21

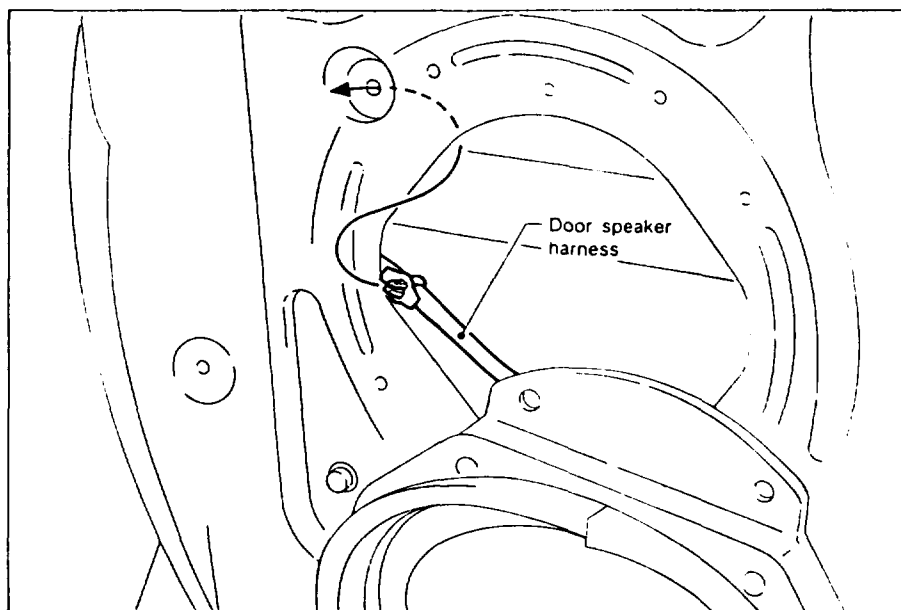
PARTS/LOCATIONS AFFECTED: FRONT DOOR SPEAKER HARNESS

SYMPTOM: Rattling noise

REPAIR METHOD

Tools required: Screwdriver

How to repair: Remove the RH front door speaker and fit the built-in harness clip into the appropriate hole.



No. ⑥

MODEL: WD21 VAN & WAGON

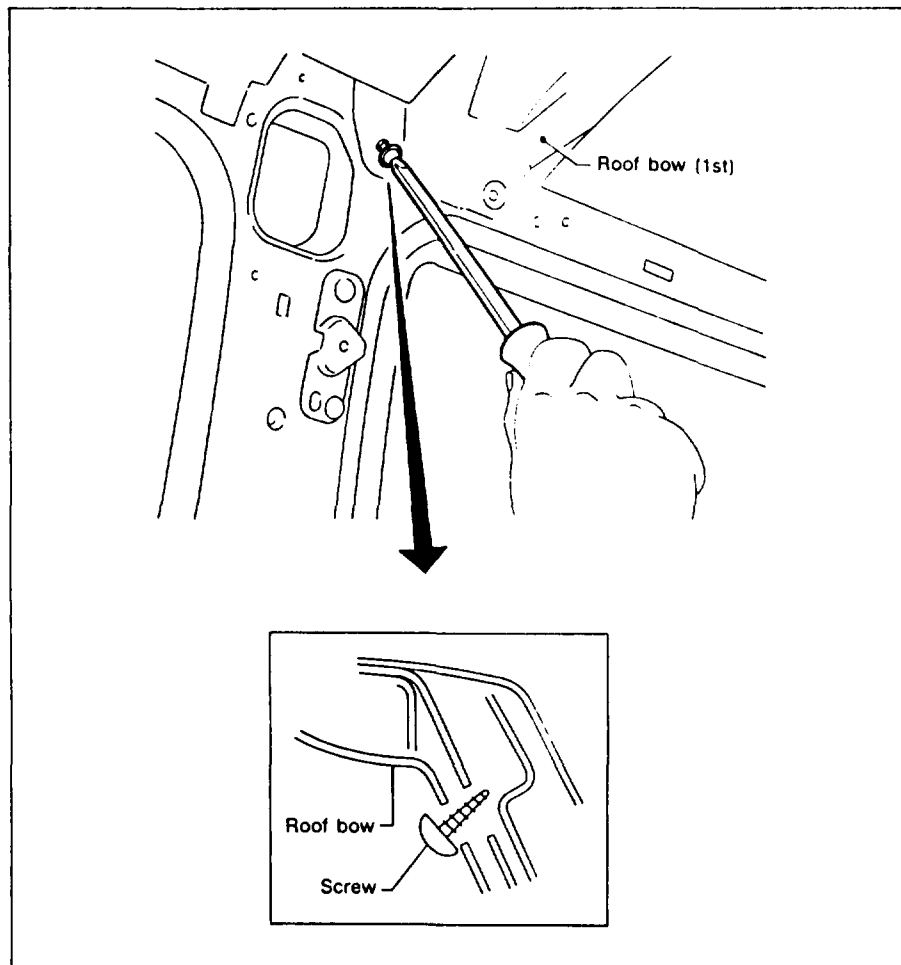
PARTS/LOCATIONS AFFECTED: ROOF BOW (1ST) MOUNTING SCREW

SYMPTOM: Creaking noise

REPAIR METHOD

Tools required: Screwdriver

How to repair: Remove center pillar garnish and roof side garnish after removing garnish around room lamp. Tighten the tapping screw again, making sure the screw points upward.



No. ⑦

MODEL: WD21

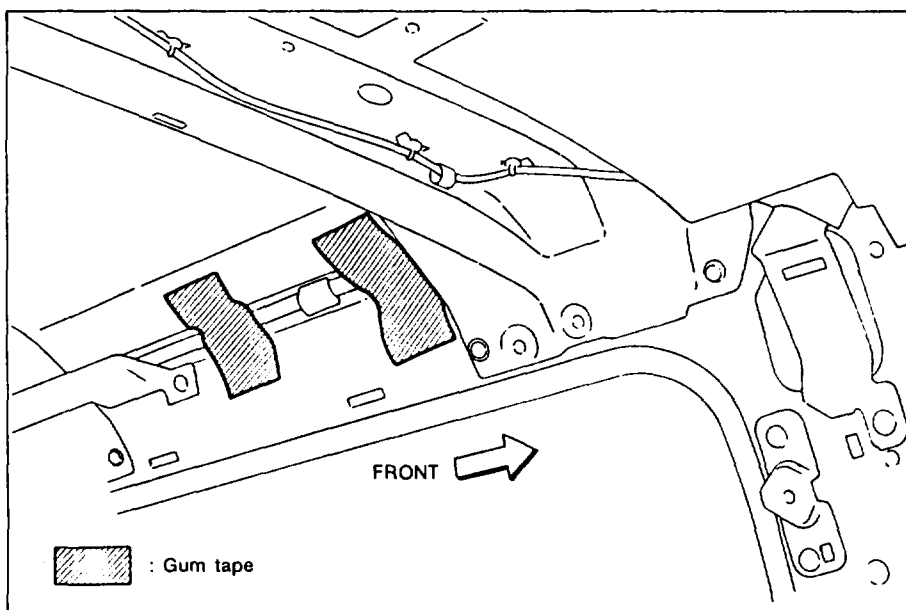
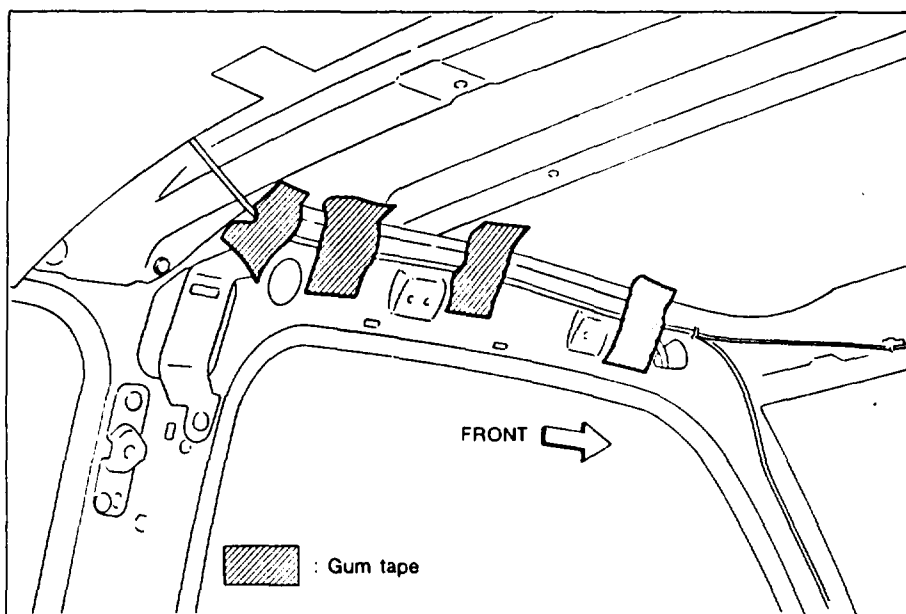
PARTS/LOCATIONS AFFECTED: ROOF SIDE HARNESS (L.H.)

SYMPTOM: Rattling noise

REPAIR METHOD

Tools required: Socket wrench, ratchet handle, screwdriver, gum tape

How to repair: Remove center pillar garnish and roof side garnish after removing garnish around room lamp. Secure harness with gum tape.



No. ⑧

MODEL: WD21

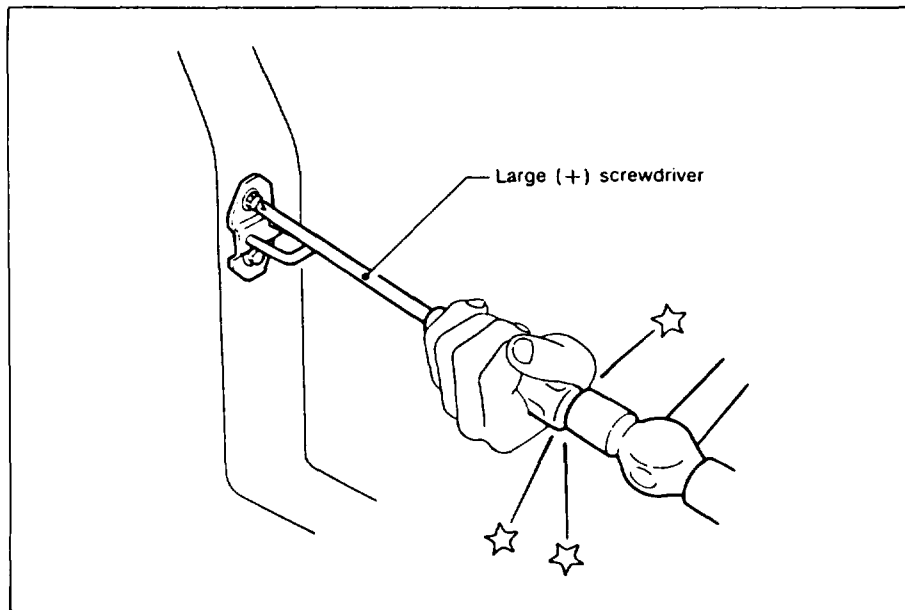
PARTS/LOCATIONS AFFECTED: REAR-DOOR STRIKER

SYMPTOM: Rattling noise

REPAIR METHOD

Tools required: Screwdriver

How to repair: Tighten striker bolts and tap on the head of the bolts with a plastic hammer using a screwdriver.



No. ⑨
MODEL: WD21

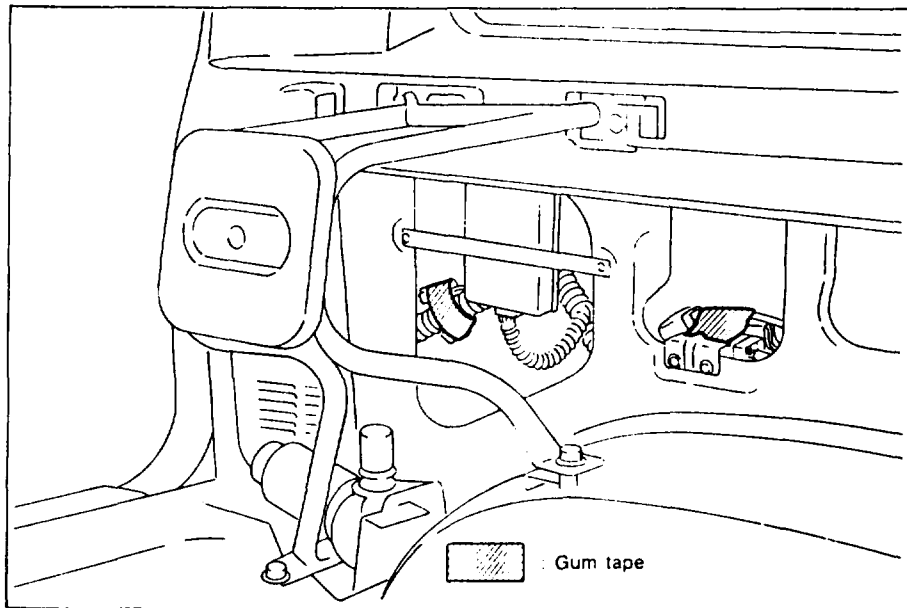
PARTS/LOCATIONS AFFECTED: HARNESS CONNECTORS INSIDE L.H. REAR FENDER

SYMPTOM: Rattling noise

REPAIR METHOD

Tools required: Gum tape for securing harness connectors

How to repair: Connectors which are not secured should be tied up in a bundle with other harnesses or secured with gum tape to the body.



No. ⑩

MODEL: WD21

PARTS/LOCATIONS AFFECTED: REAR GLASS HATCH

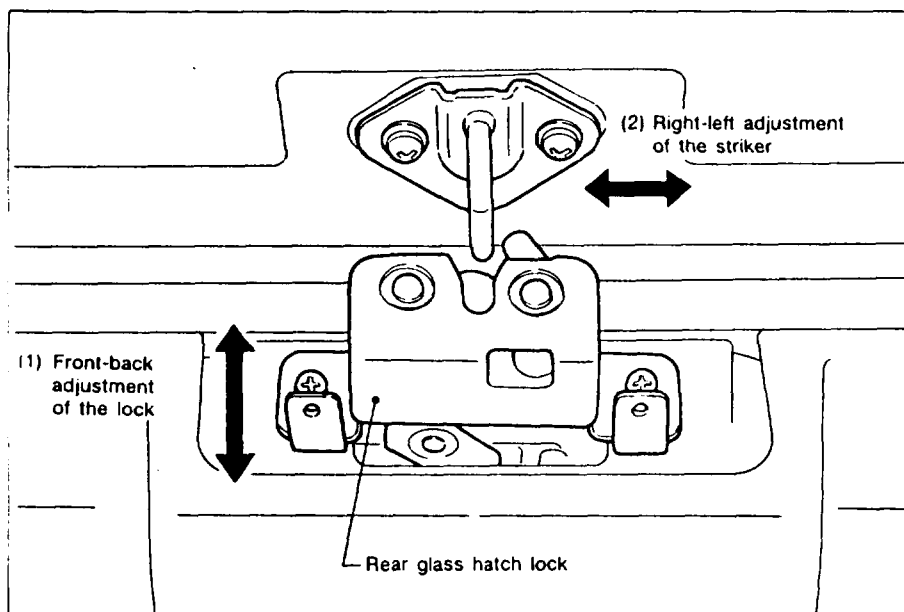
SYMPTOM: Rattling noise

REPAIR METHOD

Tools required: Screwdriver

How to repair: (1) Loosen bolts of the lock for front-back adjustment. Tighten bolts after shifting the lock to the center.

(2) Then make right-left adjustment of the striker on rear glass in order to make them mesh smoothly.



Warranty Information

Please reference the *Nissan 1992-1993 Warranty Flat Rate Manual* and select the appropriate OP Code/PNC/FRT combination(s) for the operation(s) performed. More than one claim may be required.

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