



SERVICE BULLETIN

Classification:

EL01-030c

Reference:

NTB02-001c

Date:

July 23, 2002

2000-2003 MAXIMA DRIVER'S POWER SEAT WILL NOT MOVE FORWARD OR BACKWARD

IMPORTANT: This bulletin has been revised.

The Parts and Claims Information sections of this Bulletin have been amended.

Please discard previously released copies of NTB02-001.

APPLIED VEHICLES: 2000-2003 Maxima (A33)

SERVICE INFORMATION

If the driver's seat in an applied vehicle will not move in the forward or backward direction, the seat slide motor and gear assembly may need replacement (see figure 1).

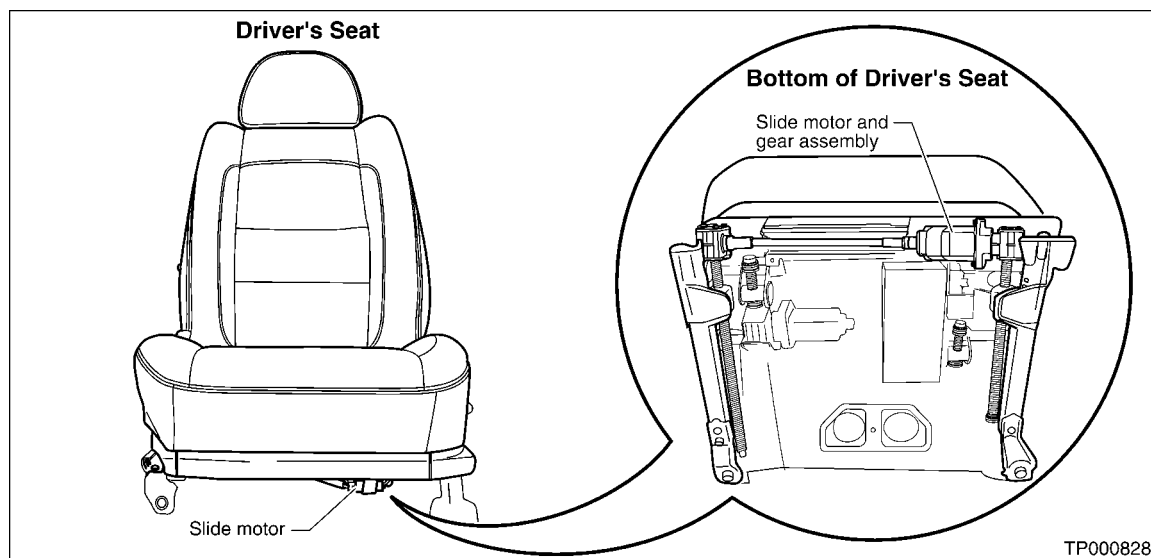


Figure 1

If this should occur, follow the Service Procedure in this bulletin to assist in diagnosing the incident and, if necessary, install the Seat Slide Motor Kit (see Parts Information in this bulletin for detail).

NOTE: This is the ONLY approved repair procedure for this incident. A claim to Nissan for the repair of this incident may be denied if the repair is not performed exactly as outlined in this bulletin.

SERVICE PROCEDURE

1. Using the power seat switch, tilt the front edge of the seat bottom all the way up.
2. Check the voltage to the seat slide motor.
 - Measure voltage on the harness side between the "BR" and "W/B" color wires in the seat slide motor connector.
 - Refer to "Power Seat" or "Automatic Drive Positioner" in the EL section of the appropriate Service Manual.

WARNING: When checking the power seat slide motor circuit, do not confuse its **black** connector with the side air bag module **yellow** connector (see figure 2).

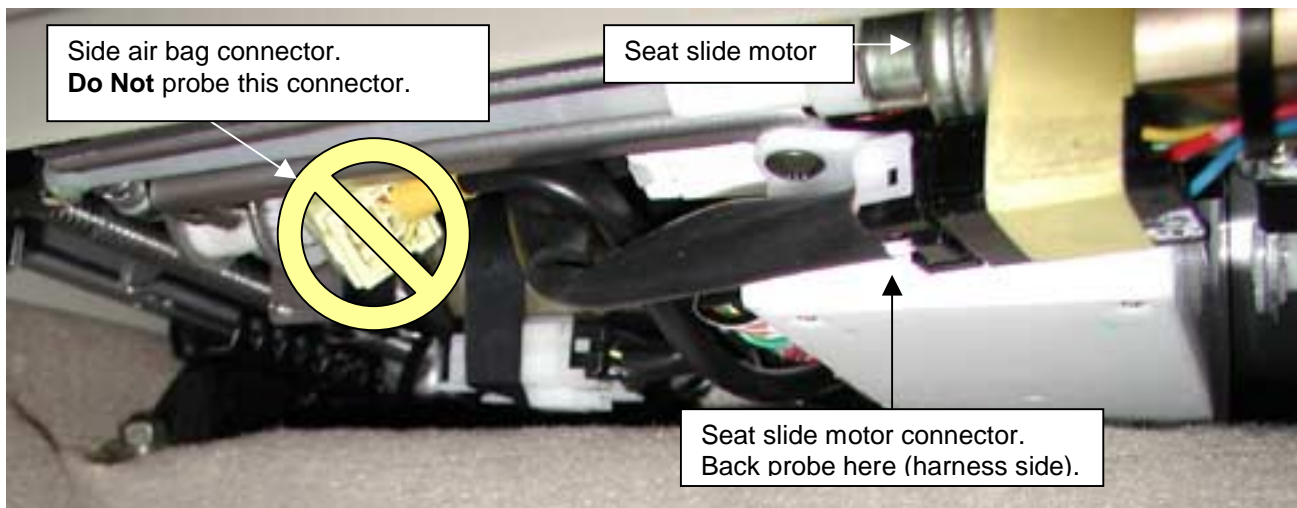


Figure 2

- This voltage check can be done with the seat slide motor connected or disconnected.
 - If voltage is about 12v when the seat slide switch is pressed to the "forward" **and** "backward" positions, proceed to step 3.
 - If voltage is 0v when the seat slide switch is pressed to **either** the "forward" or "backward" positions, this bulletin does not apply. Use the EL section of the appropriate Service Manual to further investigate.
3. Record the radio station pre-sets (for later reprogramming after the procedure).
 4. Lightly tap the seat slide motor (see figure 2). Sometimes this will get the motor working again temporarily so the seat can be moved to access the seat mounting bolts.
 5. Move the seat bottom all the way forward and remove the two M10 (14mm head) rear seat mounting bolts.
 6. Move the seat all the way to the back position and remove the two M10 (14mm head) front seat mounting bolts.
 7. Turn the ignition key "OFF".
 8. **Disconnect the battery negative cable and wait three (3) minutes.** This will allow the Supplemental Restraint System (SRS), which includes the front seat side air bags, to deactivate.

9. Tilt the entire seat assembly back to access all of the vehicle harness-to-seat connectors. Then, disconnect them from the seat.
10. Remove the seat assembly from vehicle and place it on a clean dry surface (use a fender cover or large floormat). Place it with the seat back lying flat to expose the underside of the seat.
11. Unhook the carpet flap from the underside of the seat bottom (see figure 3).

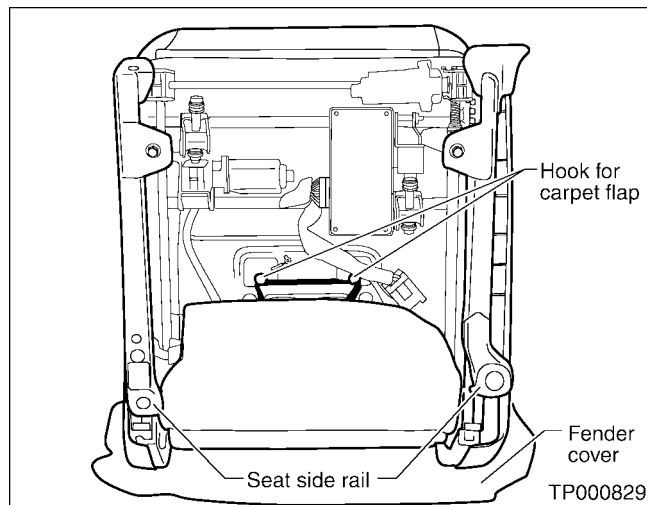


Figure 3

12. Remove four M8 (12mm head) bolts which will release the seat bottom cushion from the seat frame (see figure 4).
- Then, remove the two M6 (10mm head) bolts from the seat track mounting tab on both sides (see figure 4).
 - Removing these bolts will release the seat slide rails from the worm gears.

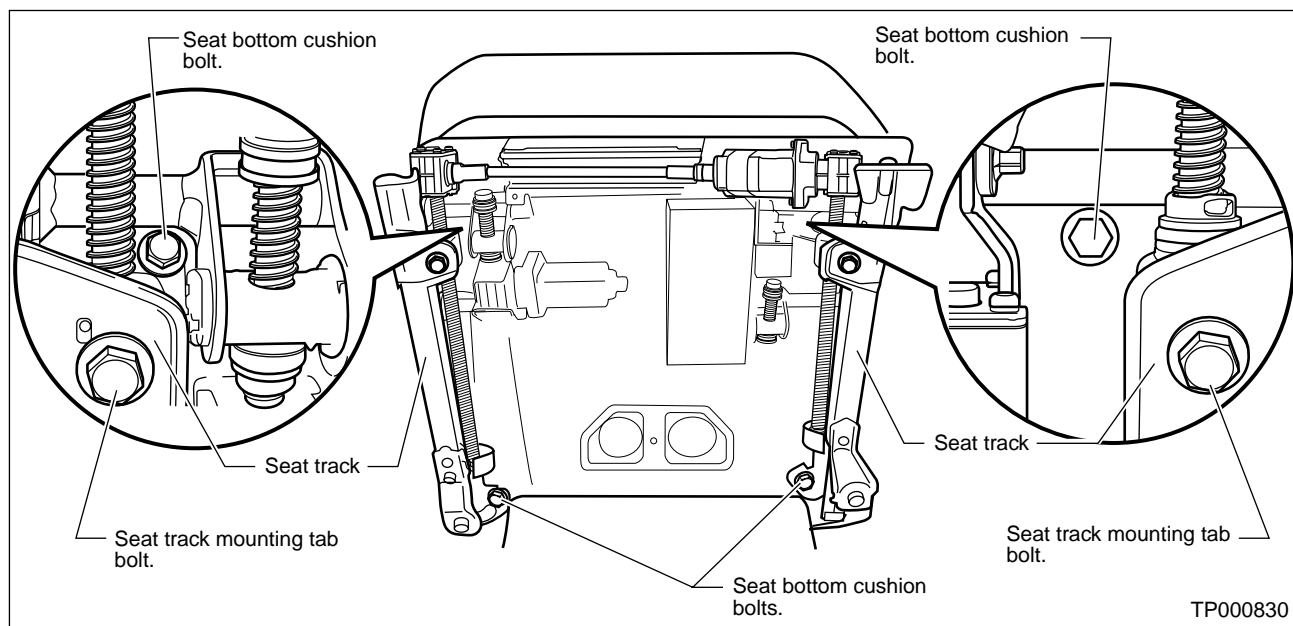


Figure 4

13. Remove the top screw only from the RH & LH side finishers (see figure 5).

- If equipped, remove both screws and finisher from the front edge of the seat (see figure 5).

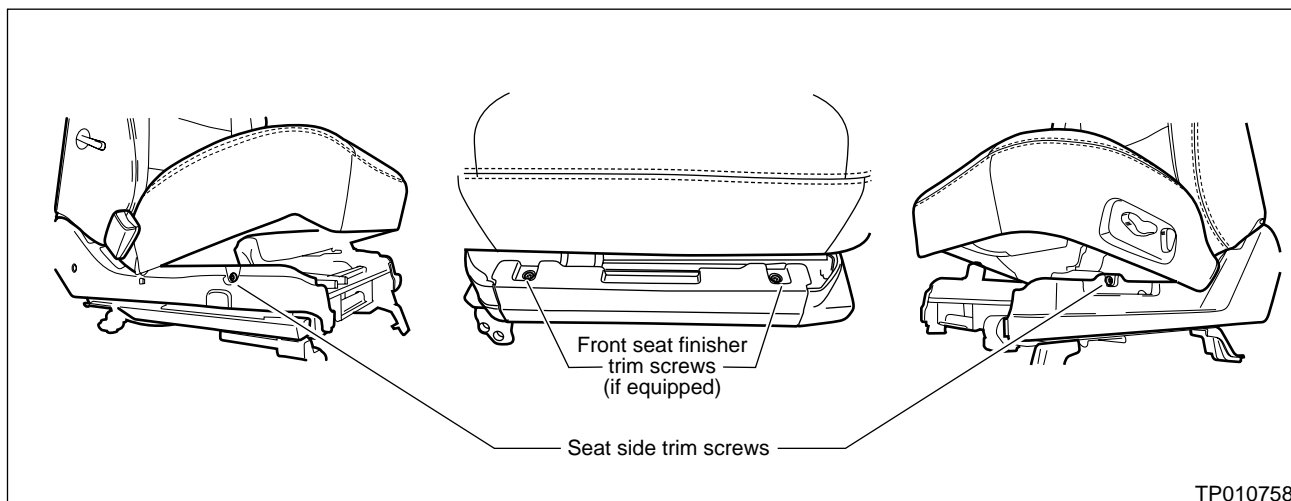


Figure 5

14. Disconnect the seat sub-harness connector (to slide motor - see figure 6).

- Remove M8 (12mm head) bolt from both sides of the seat frame, located to the sides of the front edge of seat (see figure 6).
- Then, remove six nuts and two base plates on both sides, located at the top of the seat frame, to release the gear boxes (see figure 6).

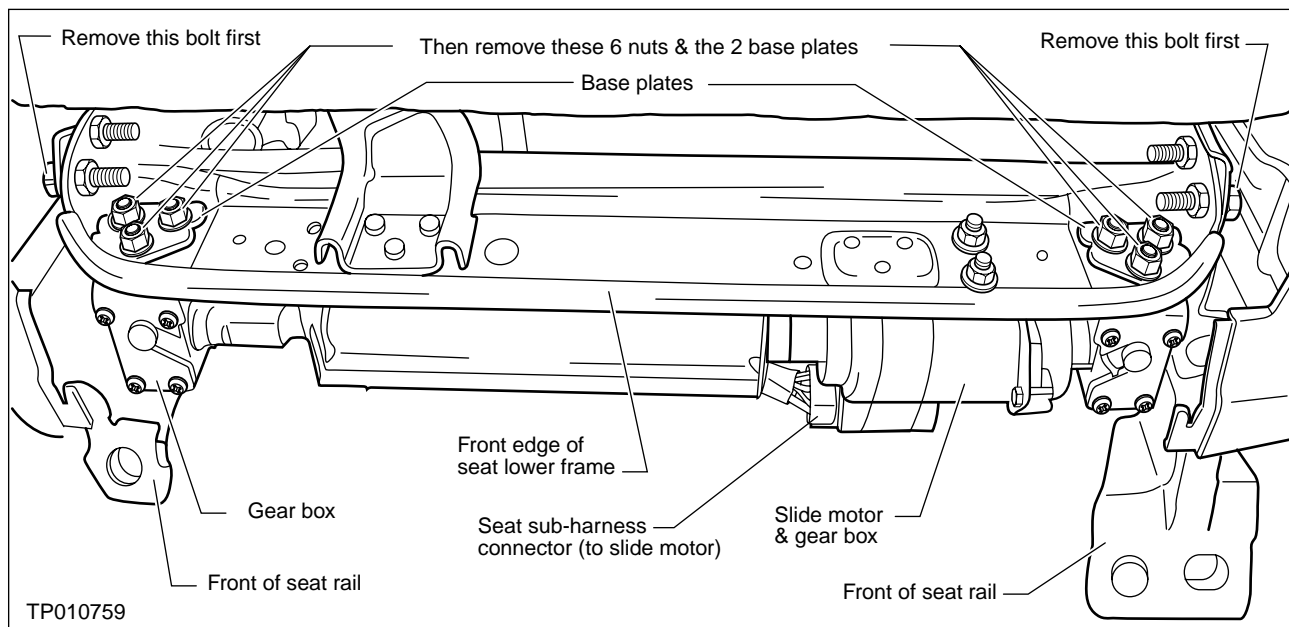


Figure 6

15. Slide both of the seat rails back to the rear position (towards the seat back) and remove the worm gears, flexible wire, motor, and gear boxes, all as one unit, from the seat adjuster assembly (see figure 7).

CAUTION: Avoid bending the flexible wire. Bending the wire will result in a noise during seat operation.

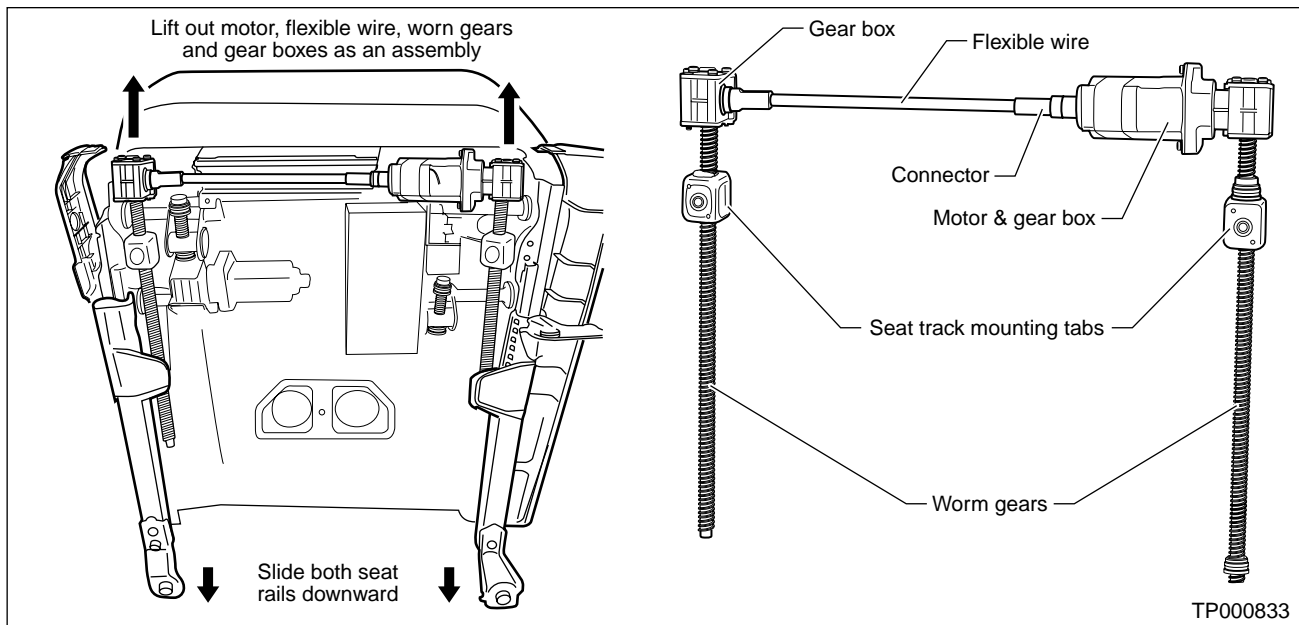


Figure 7

16. Remove the flexible wire from the gear boxes. To release the flexible wire from the motor end, pull up on the tab using a flat blade screwdriver or equivalent (see figure 8).

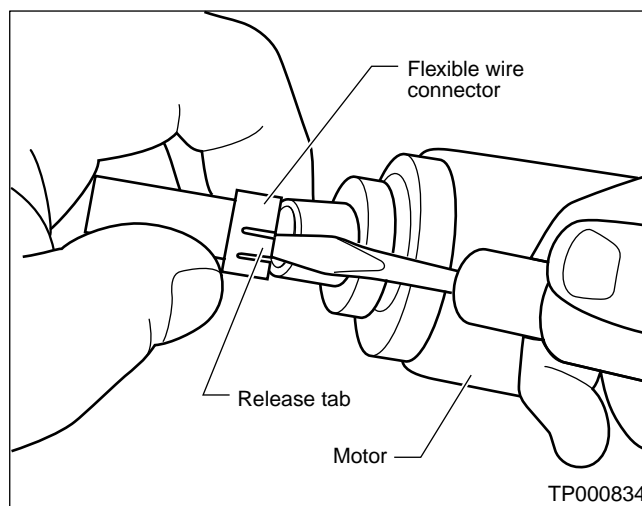


Figure 8

17. Make sure the new seat track mounting tab is touching the rear stopper, with the threaded shaft facing up (see figure 9).

- Measure the distance between the gear case and the mounting tab (see figure 9).
- Measure and adjust the other seat track mounting tab to the same distance (see figure 9).

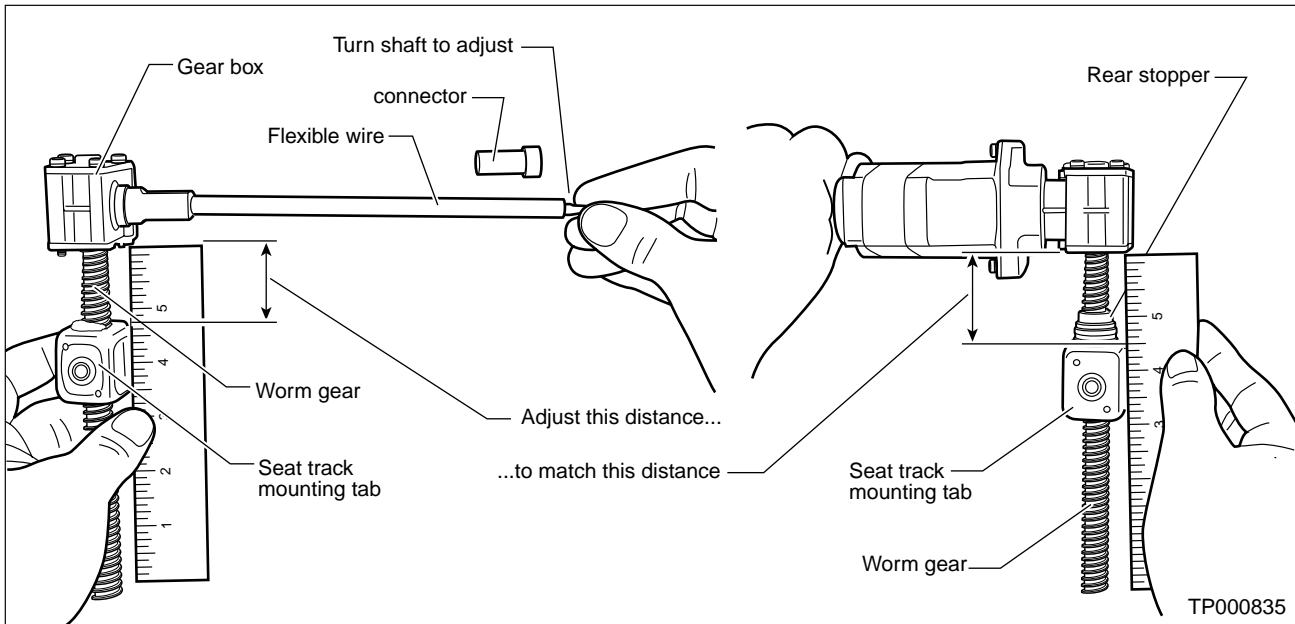


Figure 9

18. Replace all six rubber grommets (3 on each side) from the kit (see figure 10).

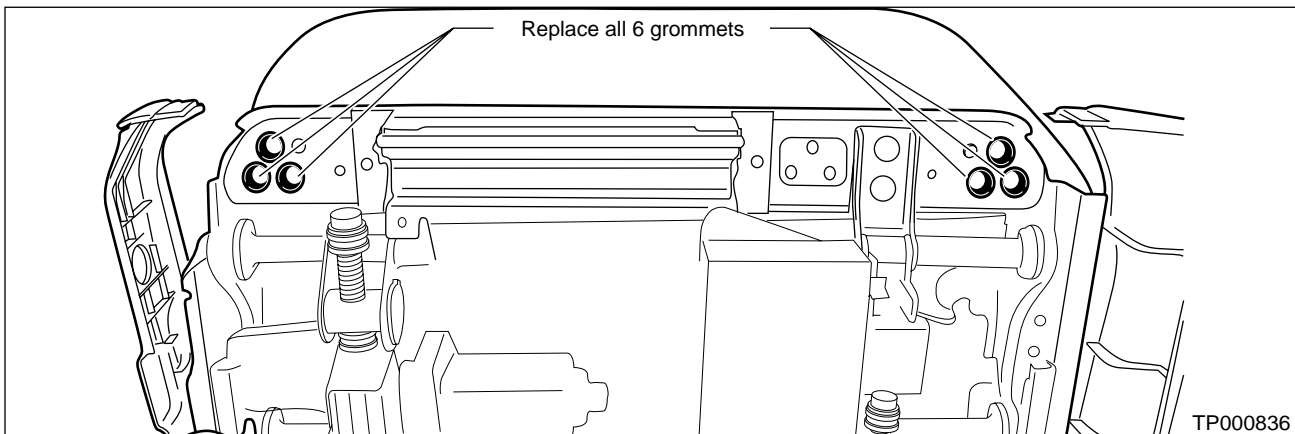


Figure 10

NOTE: For steps 19 through 22 (below), refer to figures 6 and 7 on page 4 and 5, if needed.

19. Put the worm gears, gear boxes, and flexible wire assembly (all as one unit) back into seat frame.

CAUTION: Avoid bending the flexible wire. Bending the flexible wire will result in a noise during seat operation.

20. Move both seat tracks back into position on top of the seat track mounting tabs. Install and hand tighten the M6 (10mm head) bolts into both seat track mounting tabs.

21. Tighten the six base plate nuts (three on each side) located at the top of the seat frame, to secure the gear boxes. Nut torque: 64-85 in-lb (7.17-9.69 Nm).
22. Re-install and tighten two M8 (12mm head) bolts located to the sides of the front edge of the seat (see figure 6). Bolt torque: 13-17 ft-lb (17.5-23.7 Nm).
23. Check the gear case to mounting tab distance again. Make sure they have not moved (see figure 11). If N/G, adjust.

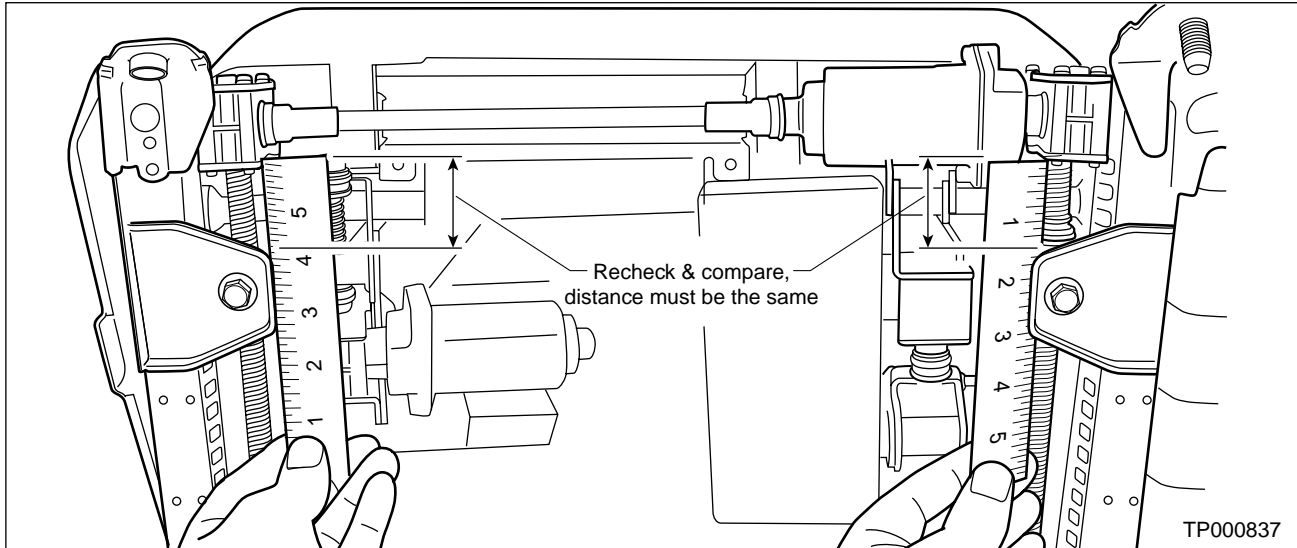


Figure 11

24. Tighten M6 (10mm head) bolt into both seat track mounting tabs. Bolt torque: 65-84 in-lb (7.3-9.4 Nm).
25. Re-install screws to attach the side finishers (refer to figure 5 on page 4, if needed).
26. Re-install four M8 (12mm head) bolts to tighten the seat bottom cushion to the seat frame (refer to figure 4 on page 3, if needed). Bolt torque: 13-17 ft-lb (17.5-23.7 Nm).
27. Re-connect slide motor connector, making sure it snaps in place.
28. Re-hook strap to attach the carpet flap onto the bottom of the seat (refer to figure 3 on page 3, if needed).
29. Place the seat assembly back into the vehicle and re-connect all electrical connectors. Make sure they all snap together securely.
30. Re-connect the battery negative cable.
31. Re-install four seat mounting bolts. Bolt torque: 27-36 ft-lb (37-49 Nm).
32. Operate the seat switches to ensure normal operation has returned.

33. For the ADP entry/exit feature (if equipped) to return to normal operation, procedure A or B must be performed.

Procedure A:

- a. Insert key into the ignition key cylinder. (Ignition switch is in "OFF" position.)
- b. Open – close - open the driver side door. (Do not perform with the door switch operation.)
- c. End

Procedure B:

- a. Drive the vehicle at more than 25 km/h (16 MPH).
- b. End

34. Re-program the radio presets.

35. Re-set the clock.

PARTS INFORMATION

DESCRIPTION	PART #	QUANTITY
Seat Slide Motor Kit (for vehicles with ADP)	87562-C9926	1
Seat Slide Motor Kit (for vehicles without ADP)	87562-C9927	1

CLAIMS INFORMATION

NOTE: This is the **ONLY** approved repair procedure for this incident. A claim to Nissan for the repair of this incident may be denied if the repair is not performed exactly as outlined in this bulletin.

Submit a Primary Failed Part (PP) line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
RPL Seat slide motor & gear	(1)	VH80AA	ZE	32	(2)

1. Reference the Parts Information table, above, and use the indicated Seat Slide Motor Kit P/N as the PFP.
2. Reference the current Nissan Warranty Flat Rate Manual and use the indicated FRT.