



SERVICE BULLETIN

Classification: ST09-005	Reference: NTB09-094	Date: September 23, 2009
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2009 MAXIMA STEERING COLUMN COMFORT ADJUSTMENT

APPLIED VEHICLES: 2009 Maxima (A35)

IF YOU CONFIRM

The steering column power adjustment (tilt or telescope) does not work or makes abnormal noise when operating the switch.

ACTION

Replace the adjustment motor (tilt or telescope) with the one listed in the Parts Information.

NOTE: Do not replace the entire steering column when replacement of a tilt or telescope motor will solve the incident, if it should occur.

IMPORTANT: The purpose of **ACTIONS** (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire Service Procedure as it contains information that is essential to successfully completing this repair.

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. **NOTE:** If you believe that a described condition may apply to a particular vehicle, **DO NOT** assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

PARTS INFORMATION

DESCRIPTION	P/N	QUANTITY
Motor Assembly - Tilt	48990 – 9N06D	1; if needed
Motor Assembly - Telescopic	48991 – 1LB6B	1; if needed

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Replace Steering Column Tilt Motor	(1)	QA24AA	ZE	32	(2)

(1) Reference the Parts Information Table and use the Tilt Motor P/N as the PFP.

(2) Reference the current Nissan Flat Rate Manual and use the Indicated FRT.

AND/OR

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Replace Steering Column Telescope Motor	(3)	QA26AA	ZE	32	(4)

(3) Reference the Parts Information Table and use the Telescope Motor P/N as the PFP.

(4) Reference the current Nissan Flat Rate Manual and use the Indicated FRT.

SERVICE PROCEDURE

1. Set the ignition to the ACC position.

WARNING: Make sure the ignition is in the ACC position (not the ON position).

2. Remove screws from the front of the steering column cover as follows:

- a. Turn the steering wheel 90° to the right of center.
- b. Remove the trim cover that's covering the screw shown in Figure 1.
 - Pull the trim cover straight back, toward the driver seat.
 - If needed, use a plastic trim tool.
- c. Remove the screw shown in Figure 1.
- d. Turn the steering wheel 90° to the left of center.
- e. Remove the left side trim cover and screw just like the one shown in Figure 1.



Figure 1

- f. Carefully remove the side steering column covers see Figure 2.
 - Covers come off easier if you turn the steering wheel 90° left to remove the left cover and turn 90° right to remove the right cover.

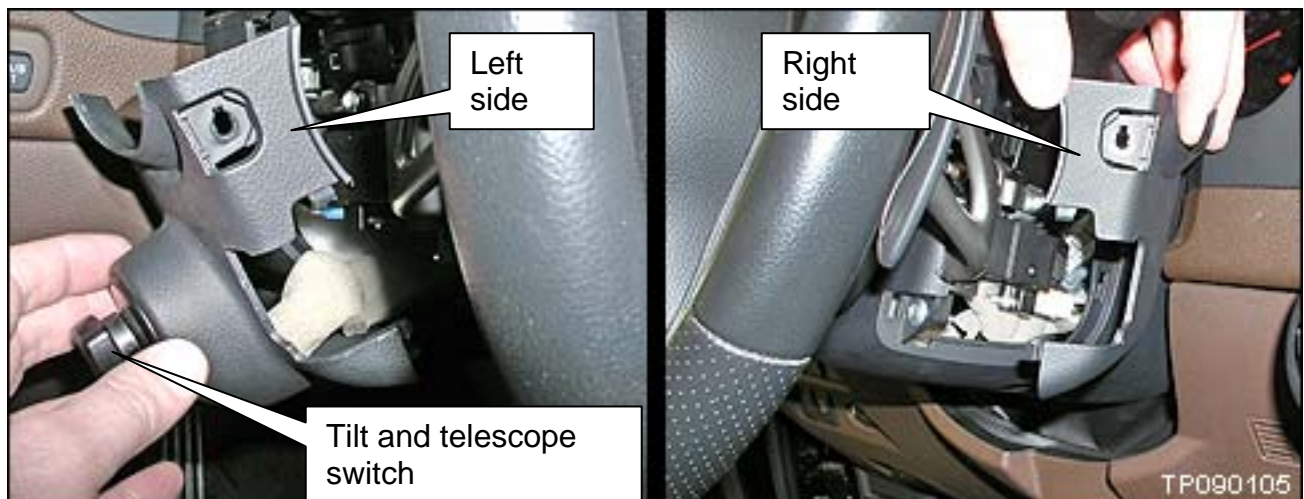


Figure 2

NOTE: The tilt & telescope switch can remain attached to the side cover.

- g. Turn the steering wheel 180° from center (so it is upside down).
- h. Remove the 2 screws shown in Figure 3.



Figure 3

3. Set the ignition to the OFF position.

WARNING: Make sure the ignition stays in the OFF position until the steering column covers are reinstalled.

4. Telescope the steering wheel to the full out position (towards the driver) and tilt up to the highest position.

NOTE:

- If one or both functions (tilt or telescope) are inoperative, try pushing or pulling the steering wheel while operating the tilt & telescope switch.
- If you are unable to adjust the steering wheel position, continue with the procedure. Instructions for steering wheel adjustment will be given later.

5. Remove instrument side finisher LH.
 - Use a plastic trim tool as shown.



Figure 4

6. Remove instrument lower panel LH as follows:

- a. Remove the fuse panel cover.



Figure 5

- b. Remove the screw near the fuse panel shown in Figure 6.

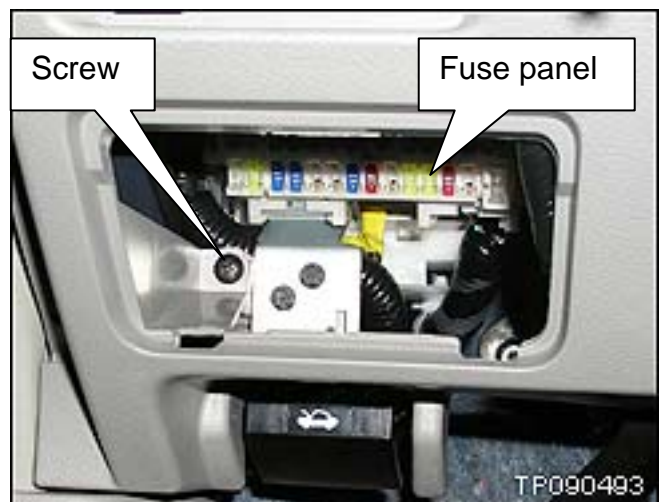


Figure 6

- c. Carefully pull the panel away from the dash to disengage the clips (see Figure 7).
- d. Disconnect the climate control cabin temperature tube and electrical connector (see Figure 7).
- e. Disconnect electrical connectors for the items on the left side of the panel (see Figure 7).

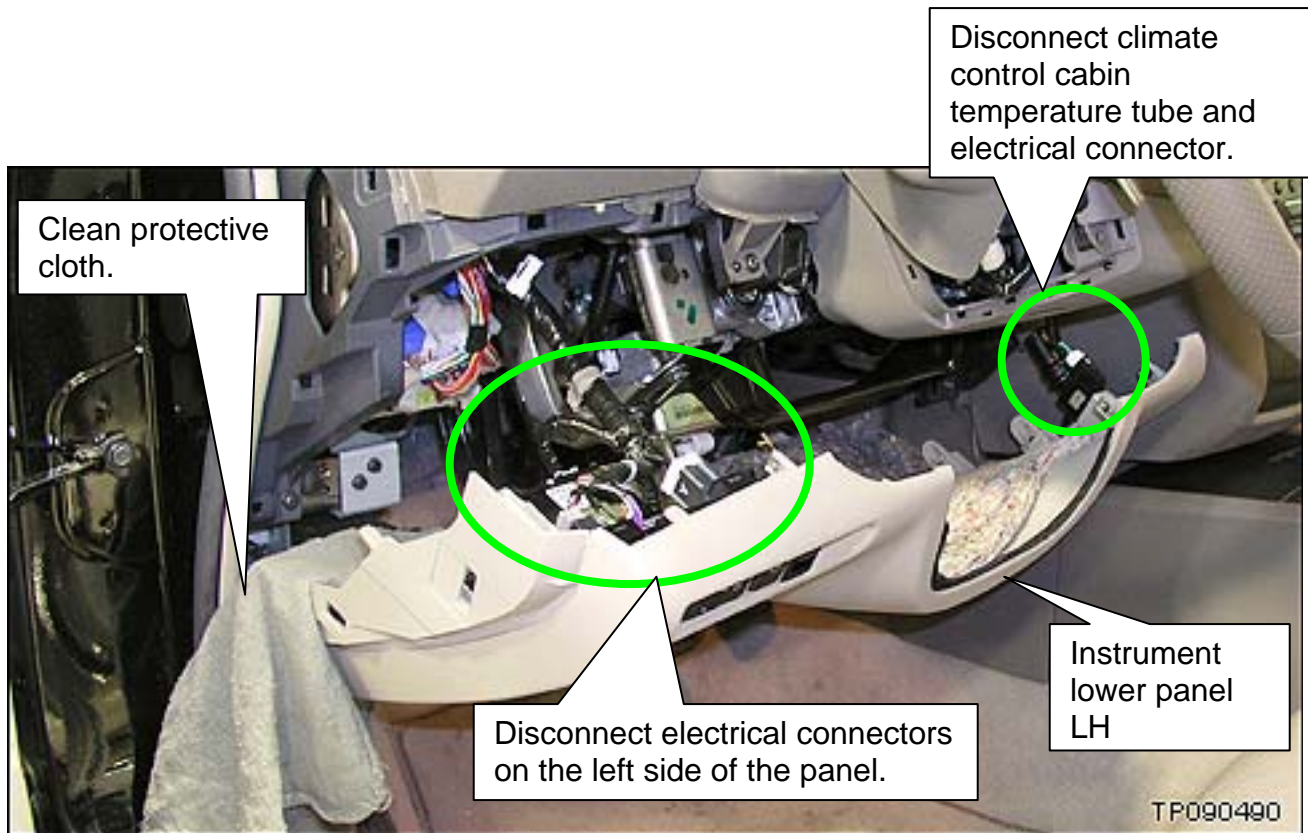


Figure 7

- f. Panel can hang in place.
 - No other connectors need to be disconnected.



Figure 8

7. Remove metal knee panel - 4 bolts.



Figure 9

8. Remove steering column lower cover as follows:

- a. Remove the screw from the lower cover.
- b. Pull the lower cover down, away from the upper cover.
 - Upper steering column cover does not need to be removed.

NOTE: The tilt & telescope switch can remain attached to the side cover.



Figure 10

Tilt motor replacement

NOTE: See page 10 for telescope motor replacement.

1. Disconnect the tilt motor electrical connector.
2. Remove the two bolts from the tilt motor link shown in Figure 11.
 - Torque for reassembly: 18.5 N.m (1.9 kg-m, **14 ft-lb**).

NOTE: Hold the weight of the steering wheel to relieve pressure from these bolts. This will make it easier to remove or install them.

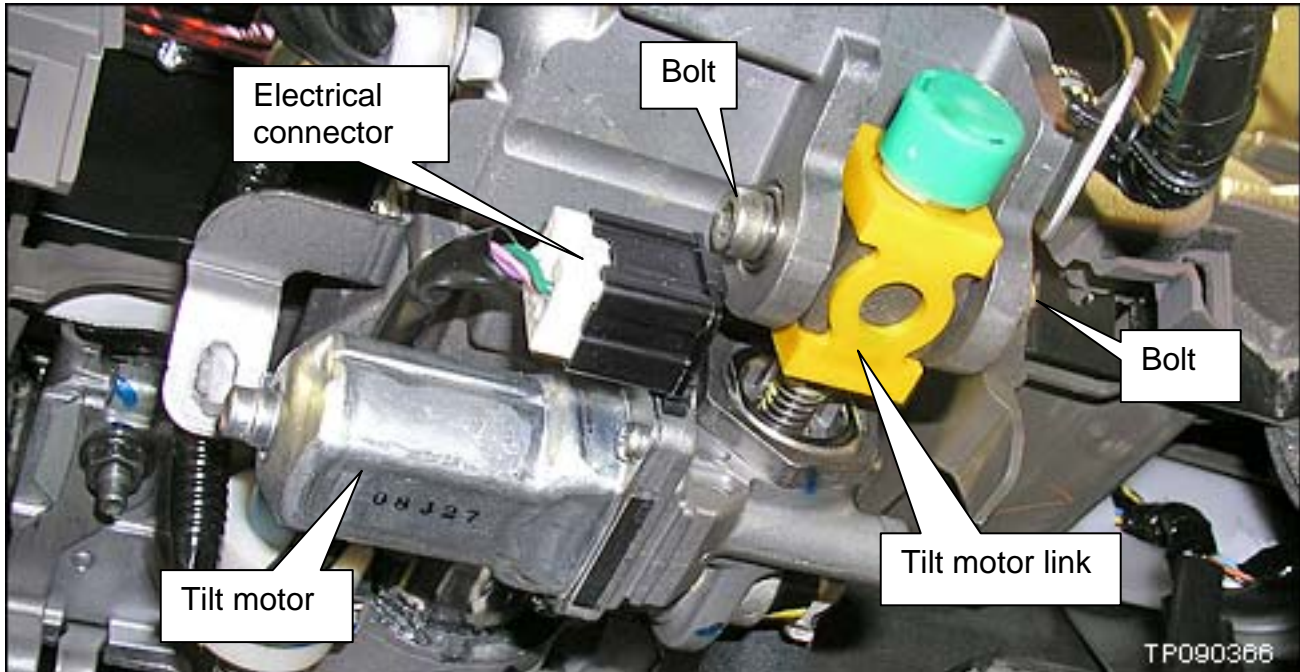


Figure 11

3. Remove the tilt motor mounting bolt – right side of the column.

NOTE: Bolt is shown with cap removed.

- Torque for reassembly:
18.5 N.m (1.9 kg-m, **14 ft-lb**).

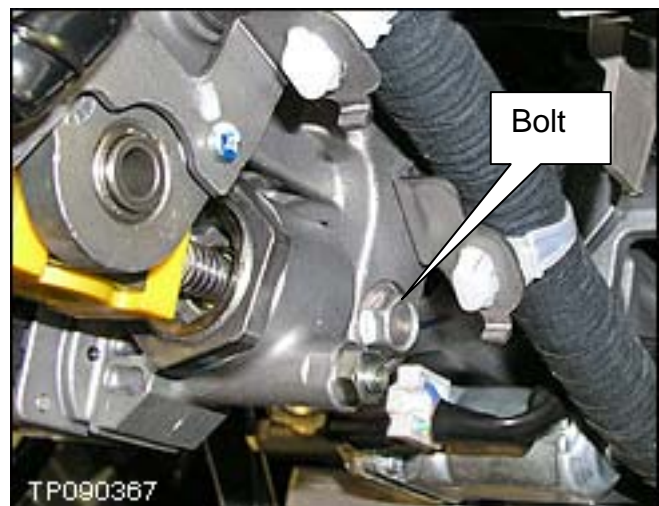


Figure 12

4. Remove the tilt motor.

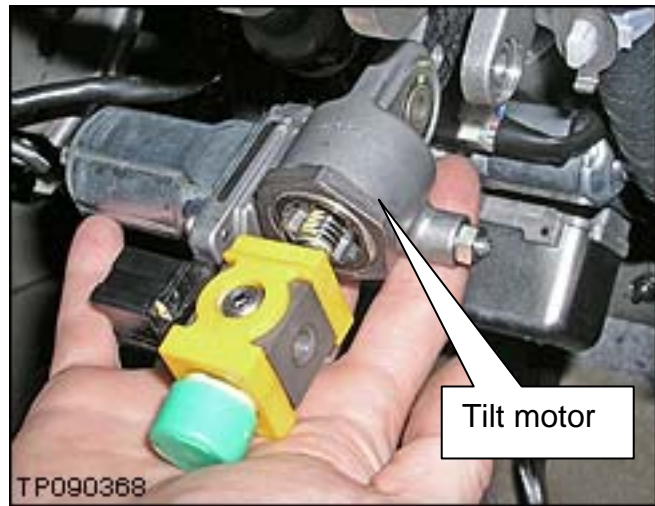


Figure 13

5. Install the tilt motor in reverse of removal.

- When installing the bolts for the link, hold the steering wheel and move it up or down to align the bolt holes.

6. If you need to replace the telescope motor, go to the next page.

7. If repair is finished, reinstall all parts removed in reverse order.

8. Make sure tilt and telescope motors work correctly.

9. Inform the customer they will need to reset their Automatic Drive Positioner (ADP) settings.

Telescope motor replacement

NOTE: See page 8 for tilt motor replacement.

1. Disconnect the telescope motor electrical connector.
2. Remove the two screws from the telescope motor link shown in Figure 14.
 - Torque for reassembly: 1.2 N.m (0.12 kg-m, **10 in-lb**).
3. Remove the mounting bolt shown in Figure 14.
 - Torque for reassembly: 18.5 N.m (1.9 kg-m, **14 ft-lb**).

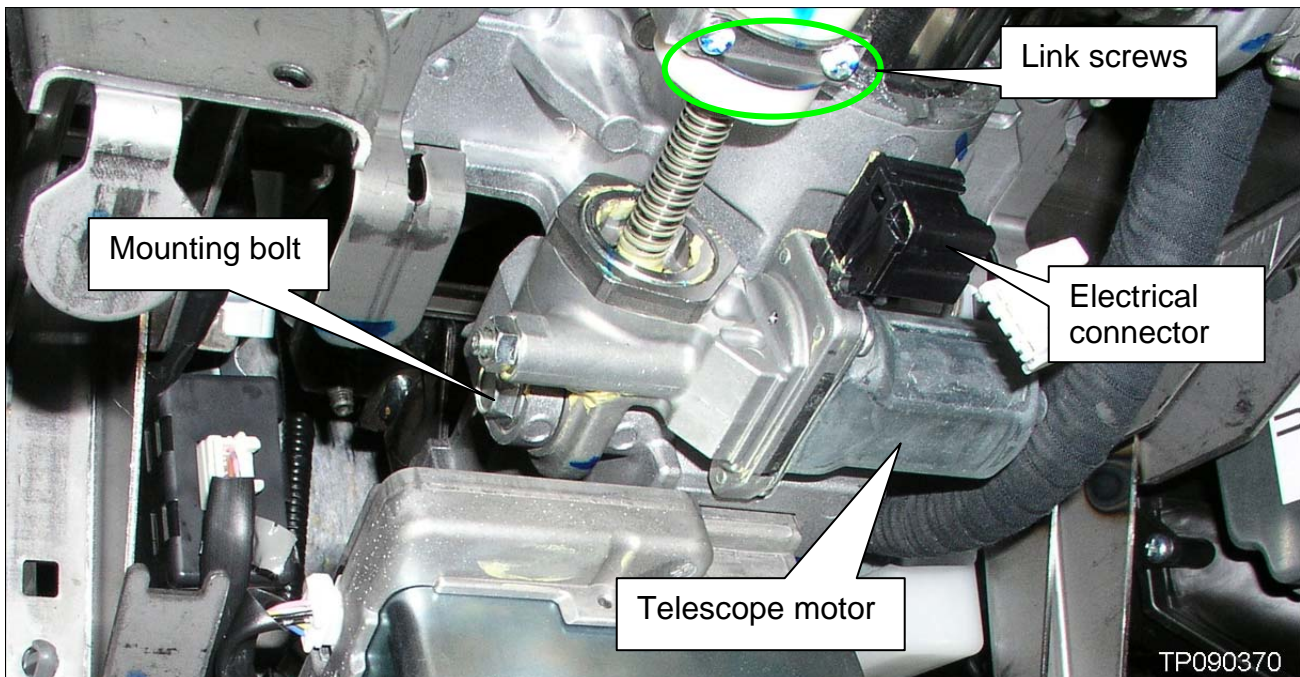


Figure 14

NOTE:

- If the steering wheel could not be telescoped to the full out position in step 4 on page 4,
- Manually **pull** the steering wheel to the full out position.



Figure 15

4. Remove the telescope motor.



Figure 16

5. Install the telescope motor in reverse of removal.

- a. Turn (adjust) the telescope link to the full out position.
- b. Adjust as need to fit it into its mounting position.



Figure 17

6. Reinstall all parts removed in reverse order.
7. Make sure the telescope and tilt motors work correctly.
8. Inform the customer they will need to reset their Automatic Drive Position (ADP) settings.