



SERVICE BULLETIN

Classification:	Reference:	Date:
BT14-006a	NTB14-016a	September 4, 2014

2013-2014 ALTIMA; SQUEAK FROM MOONROOF B-PILLAR AREA

This bulletin has been amended to include 2013 Altima and note on page 6. No other changes have been made to the body of the bulletin. Please discard the previous version.

APPLIED VEHICLE 2013 (L33) All
VIN AND DATE 2014 Altima (L33) Built before 1N4(*)L3AP(*)EC 182159 / Nov 19, 2013
 1N4(*)L3AP(*)EN 260580 / Dec 4, 2013

IF YOU CONFIRM

A squeaking/ticking noise is coming from the Headliner between the Moonroof and B-pillar area shown in Figure A.

- Can occur on rough roads or during conditions that cause body flex such as when entering or exiting a sloped driveway.

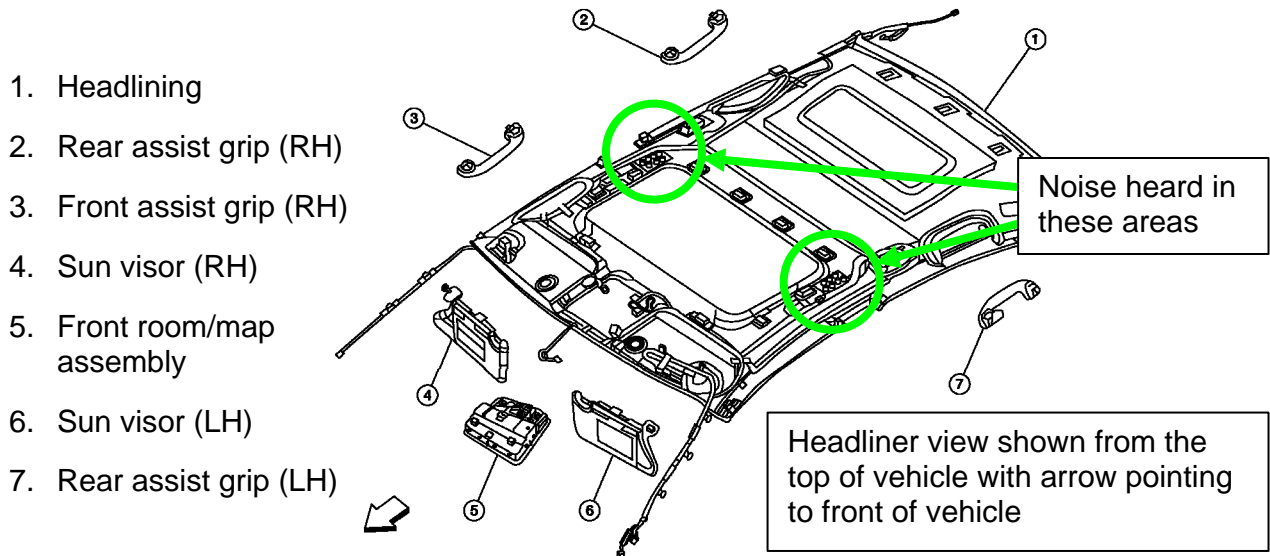


Figure A

ACTION

Remove Moonroof brackets and apply "Ultra High Molecular Weight" (UHMW) tape, from Squeak and Rattle kit J-50397 (part # J-50397-15), to the bracket.

- UHMW tape is listed in the Parts Information.

IMPORTANT: The purpose of **ACTION** (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.

SERVICE PROCEDURE

1. Write down all radio station settings.

Presets	1	2	3	4	5	6
A						
B						
C						
SAT						
Fade:	Balance:		Bass:		Treble:	

2. If equipped, write down / record the following customer settings for the ATC (Automatic Temperature Control) system. (Refer to the Service Manual as needed):

- Temperature Setting Trimmer
- Foot Position Setting Trimmer
- Inlet Port Memory Function (FRE)
- Inlet Port Memory Function (REC)
- Target Evaporator Temp Upper Limit

3. Disconnect the negative battery cable.

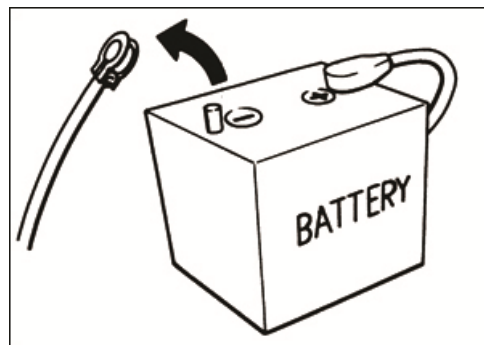


Figure B

NOTE: In the following pictures either the left side or the right side may be shown. The side not shown is similar to the side pictured.

4. Remove the right front Assist Grip and both rear Assist Grips.
 - Fold the Assist Grip down and release the retaining clips with a pick tool.

NOTE: The retaining clips will be removed from the roof and reattached to the Assist Grips for reassembly in step 17.



Figure 1

5. Remove the Body Side Welts from the tops of all four doors and from around the A-pillar, B-pillar and C-pillar finishers.
 - Lay the Body Side Welts inside the vehicle so that they are out of the way.

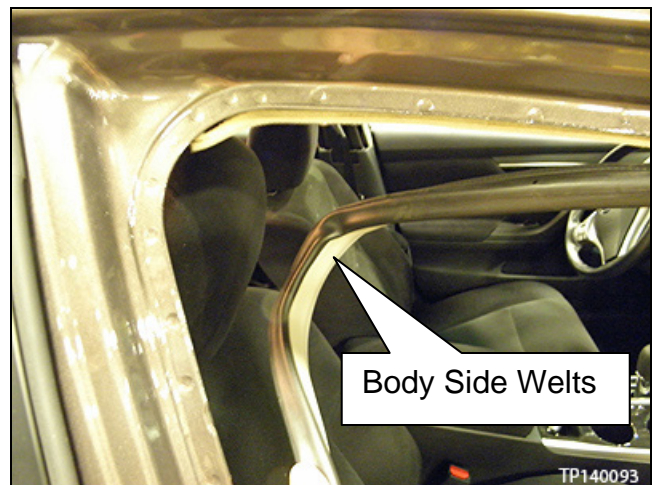


Figure 2

6. Release both of the front A-Pillar finishers at the top only.

NOTE: This will allow room so that the headliner does not get creased.

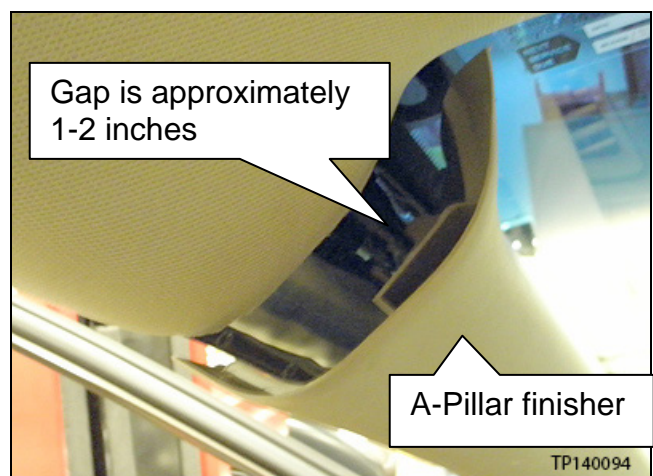


Figure 3

7. Fold both of the visors down.
 - Do not remove the visors.

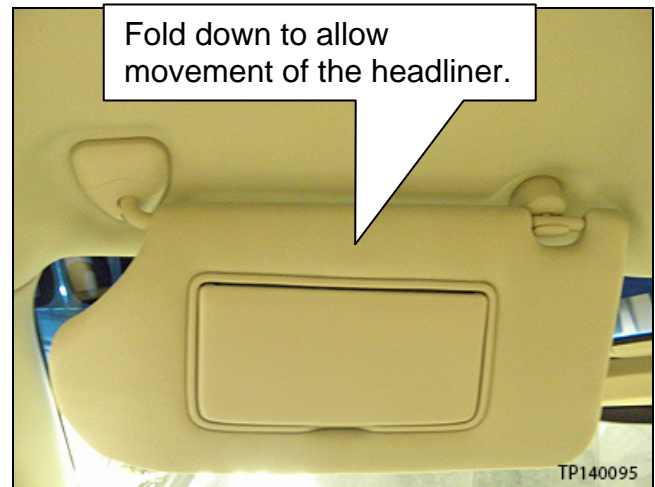


Figure 4

8. Remove both B-pillar finishers:
 - a. Remove both of the shoulder belt anchor bolt finishers.
 - b. Remove both of the anchor bolts and place the belts out of the way.

Reassembly torque:
49 N•m (5.0kg-m, **36 ft-lb**)
 - c. Pull the lower B-pillar finishers away from the upper B-pillar finishers at the top only.
 - d. Remove both of the upper B-pillar finishers.

NOTE: The upper B-pillar finishers will not be reused. Use new ones for reassembly.

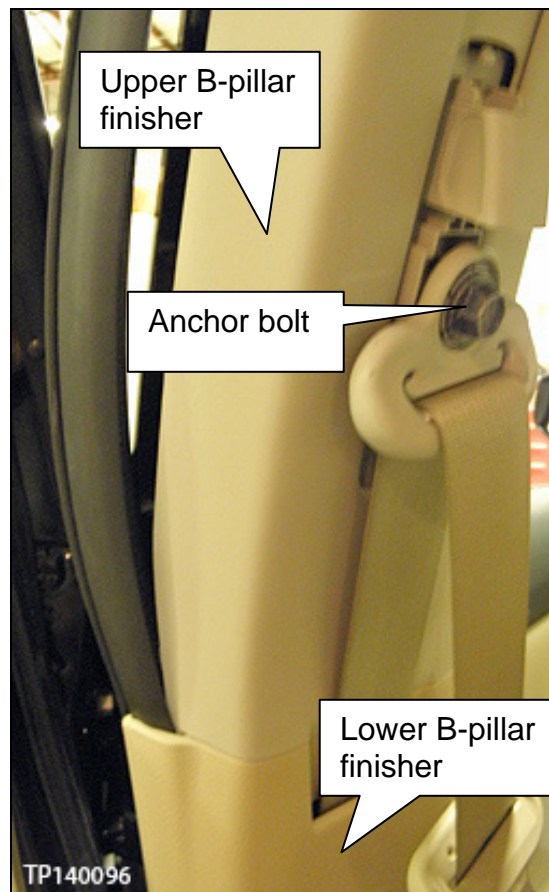


Figure 5

9. Remove both of the Rear Seat Side Bolsters:
 - a. Remove the rear “seat bottom” to gain access to both bolster bolts.
 - b. Remove both the left and the right bolster bolts.
 - c. Slide the bolsters down to release them from their upper mounting clips.

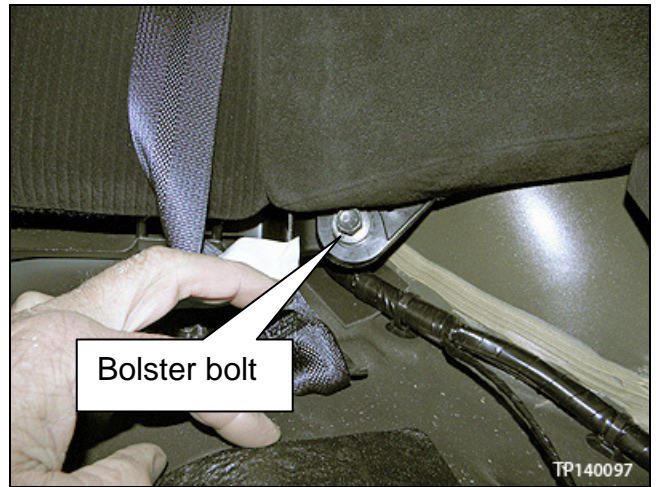


Figure 6

10. Remove both C-pillar finishers:
 - Remove one push pin under bolster and then remove the C-pillar finisher.

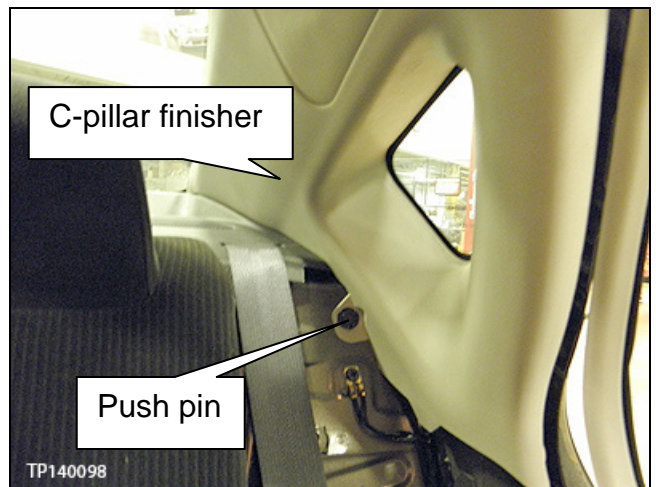


Figure 7

11. Gently pull the headliner down, one side at a time, and remove both of the Moonroof side brackets (shown in Figure 8 and Figure 9).

CAUTION:

- The headliner can be easily creased (damaged).
- Only pull down enough to allow the removal of the Moonroof bracket.

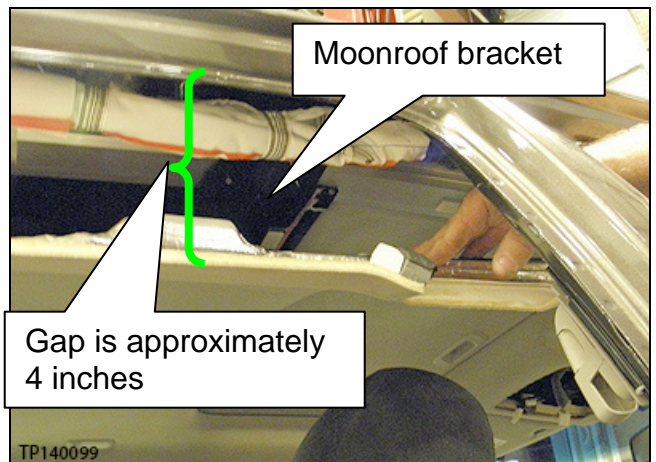


Figure 8

12. Loosen one nut and remove four bolts on each side.

Reassembly torque:
Bolts 10 N•m (1.0 kg-m, **89 in-lb**)
Nuts 7 N•m (0.7 kg-m, **62 in-lb**)

IMPORTANT: Steps 13-15 below must be closely followed to ensure that the repair is successful.

13. Cut three strips of UHMW tape (part # J-50397-15) into the following lengths:

- Two pieces to 80mm x 30mm.
- Six pieces to 30mm x 30mm.

NOTE:

- UHMW tape can be found in Squeak and Rattle kit J-50397.
- Three strips of UHMW tape will be required per vehicle.

14. Apply UHMW tape cut in step 13 to both brackets as shown in Figure 11.

15. Use a center punch to make holes through the UHMW tape for all of the bolts to pass.

16. Reinstall both of the Moonroof brackets.

- Hand start all fasteners first.
- While pushing each bracket into the corner of the B-pillar and the sunroof frame, torque the 2 B-pillar bolts first.
- Next torque the sunroof bolts and then the nuts.

- Moonroof bracket reassembly torque:
Bolts 10 N•m (1.0 kg-m, **89 in-lb**)
Nuts 7 N•m (0.7 kg-m, **62 in-lb**)

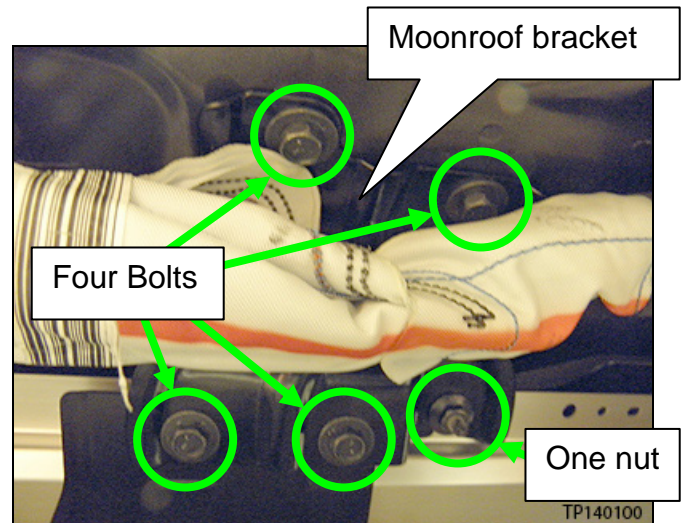


Figure 9

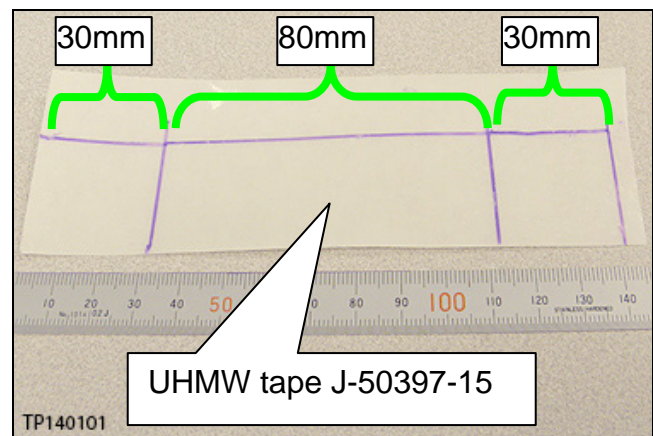


Figure 10

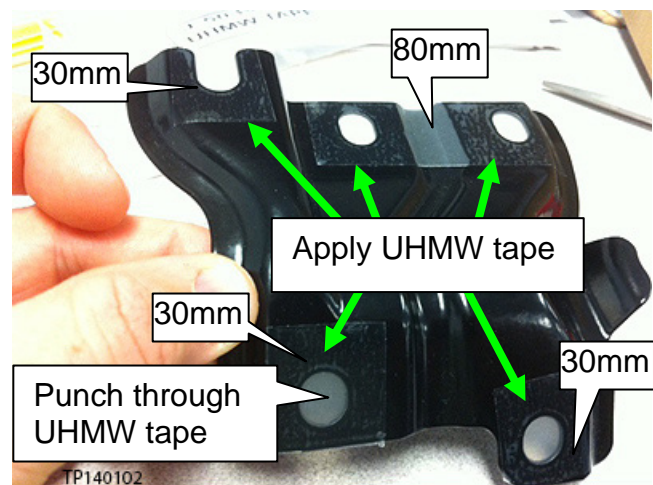


Figure 11

17. Remove the Assist Grip clips from the roof brackets and reattach to the Assist Grips.

18. Reassemble the remainder of vehicle in the reverse order.

- Shoulder belt anchor bolt reassembly torque:
49 N•m (5.0kg-m, **36 ft-lb**)

19. Reset the clock and the radio settings.

- Refer to the Owner's manual for the procedure to set clock.

20. Reset the Automatic Temperature Control to the customer's preferred settings.

- Refer to the Electronic Service Manual (ESM), section HAC-Heater & Air Conditioning Control System to reset preferred settings.

21. Reinitialize each auto-up power window and check the anti-pinch function.

- Refer to the Electronic Service Manual (ESM), section PWC-Power Window Control System.

22. Inform the customer that some of the navigation memory settings may need to be reset.

PARTS INFORMATION

DESCRIPTION	PART #	QUANTITY
UHMW tape*	J-50397-15	3
B-Pillar Finisher (RH)	76913-3TA0A	1
B-Pillar Finisher (LH)	76914-3TA0A	1

* UHMW tape can be found in the Squeak and Rattle kit J-50397.

EXPENSE CODE

EXPENSE CODE	DESCRIPTION	MAX AMOUNT
022	UHMW Tape	\$12.57

CLAIMS INFORMATION

OPERATION	OP CODE	PFP	SYM	DIAG	FRT
REPAIR MOONROOF	BX4EAA	76892-3TA1B	ZL	32	1.8

