



Applies To: **2009–12 MDX – ALL**
2013 MDX – From VIN 2HNYD2..1DH500001 thru 2HNYD2..1DH505915

September 14, 2013

Rattle From Headliner

SYMPTOM

There is a rattling coming from the headliner, near the moonroof.

POSSIBLE CAUSE

One or more of the headliner stiffeners has detached from the headliner.

CORRECTIVE ACTION

Reattach headliner stiffeners.

REQUIRED MATERIALS

3M Scotch-Weld DP-100 NS Adhesive:
 P/N 3M 62-3265-1435-3
 (One container repairs one vehicle)

3M Scotch-Weld EPX Plus II Applicator 50004:
 P/N 3M 62-9170-9930-1

3M Scotch-Weld EPX Mixer Nozzles 9742:
 P/N 3M 62-9742-9935-6

KTC Trim Tool Set:
 P/N SOJATP2014
 (Use the appropriate tool from the set to remove components)

WARRANTY CLAIM INFORMATION

Operation Number: 842301

Flat Rate Time: 2.0 hours

Failed Part: P/N 83200-STX-A02ZC

Defect Code: 02502

Symptom Code: 04201

Skill Level: Repair Technician

REPAIR PROCEDURE

NOTE:

- SRS components are located in this area. Review the SRS component locations and the precautions and procedures before doing repairs or service.
- Put on gloves to protect your hands.
- Use the appropriate tool from the KTC trim tool set to avoid damage when removing components.
- Take care not to bend or scratch the headliner.
- Be careful not to damage the dashboard and other interior trim.
- If any clips are damaged, replace them.

The following electronic service manual procedures have been used in full or in part within this service bulletin. For more detail on these procedures, and torque specifications for some components, refer to the appropriate electronic service manual.

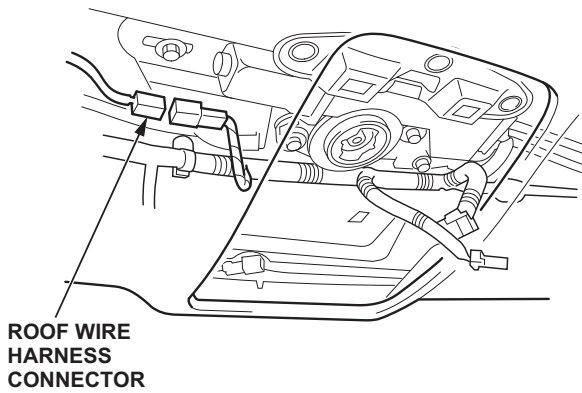
- A-pillar trim, both sides
- Front seat belt upper anchor, both sides
- B-pillar lower trim, both sides
- B-pillar upper trim, both sides
- Quarter pillar trim, both sides
- Sunvisors, both sides
- Sunvisor holders, both sides
- Grab handles, four places
- Rear individual map light
- Center second row seat belt cover
- RES display cover (if equipped)
- Roof console

1. If necessary, remove the remaining roof console clips from the body and the moonroof frame.

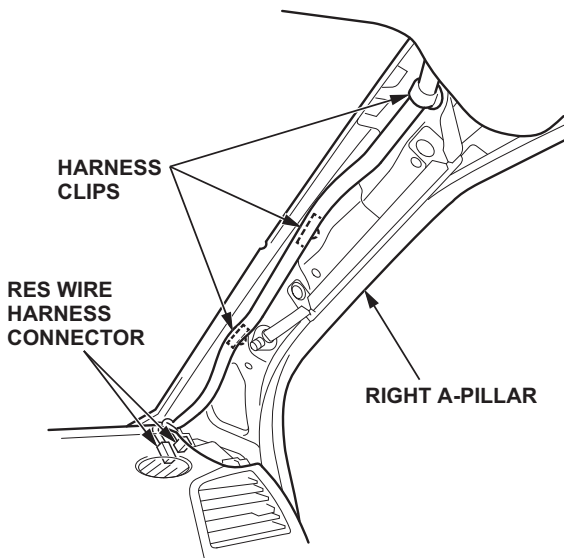


CLIENT INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by “do-it-yourselfers,” and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Acura automobile dealer.

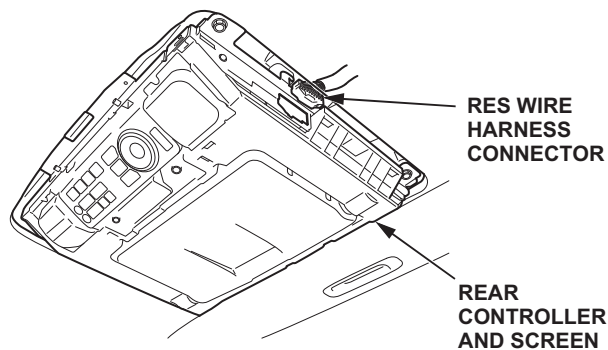
2. Disconnect the roof wire harness connector.



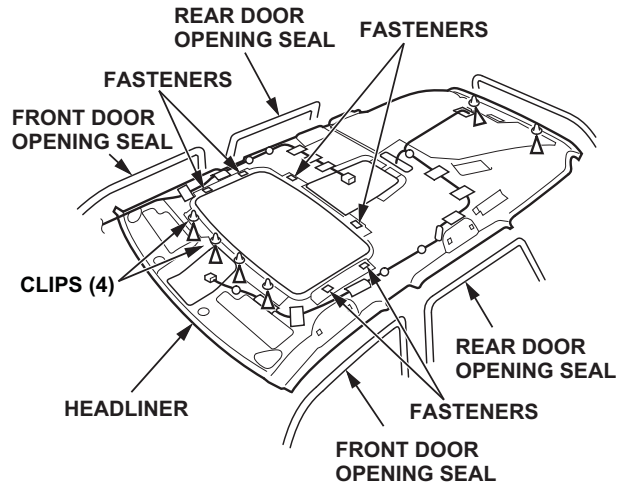
3. *With RES:* Detach the harness clips from the right A-pillar.



4. *With RES:* Disconnect the RES wire harness connector from the rear controller and screen.



5. Lower the headliner:
 - Adjust the steering column all the way down and inward.
 - Move both front seats all the way back, and recline the seat-back about 45 degrees.
 - Pull down to detach, but do not remove completely, the front and rear door opening seals from each roof portion.
 - Detach the four clips along the front edge of the moonroof opening.
 - With the help of an assistant, release the fasteners along the sides and rear of the moonroof opening.



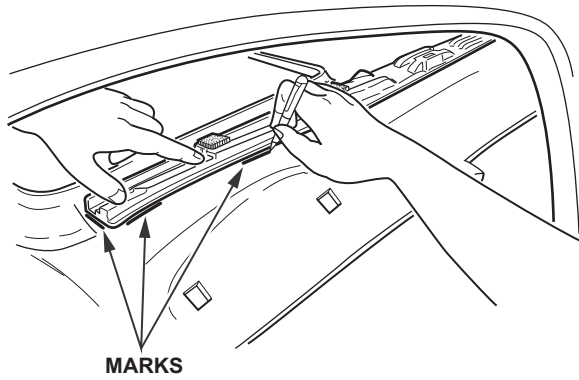
6. Lower the front half of the headliner down just far enough to work on the stiffeners. Adjust the position of the front seat-backs and head rests, if necessary, to allow the headliner to rest on the front headrests.

NOTE: Be careful when lowering the headliner to avoid creasing and damaging it.

Support the headliner with the front seat headrests.

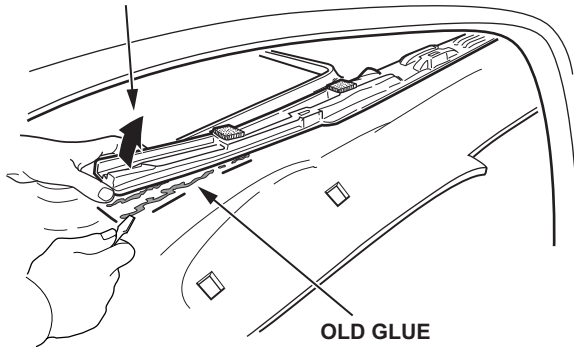


7. Mark the headliner on two edges of the stiffener to show its location.



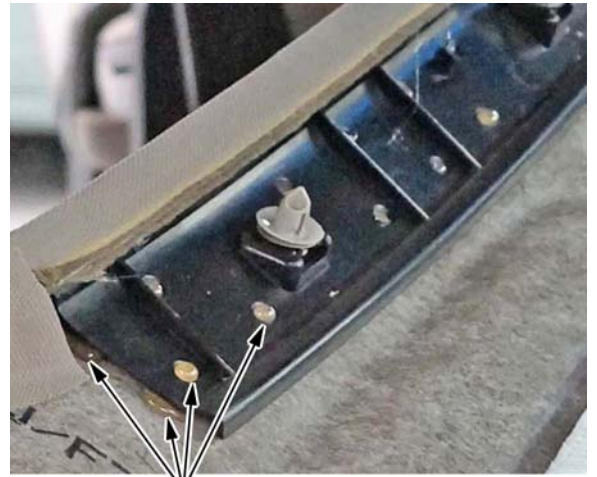
8. Remove the old epoxy from the detached portion of the stiffener and the headliner. If the stiffener is still partially attached, do not remove it from the headliner.

Lift detached end of stiffener.

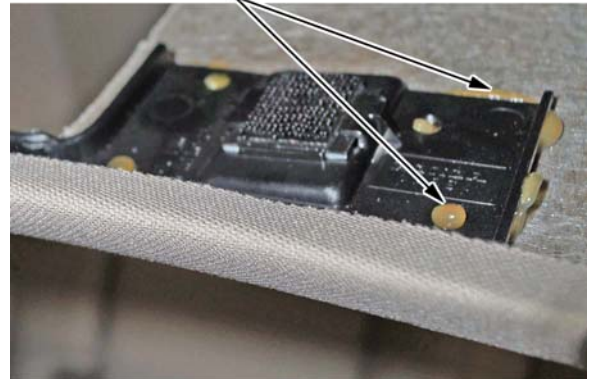


9. Attach the stiffener to the headliner using 3M DP 100 epoxy. Make sure the epoxy wraps around the top ends of the stiffener as shown.

NOTE: The working time for the epoxy is 5 minutes.



Use enough epoxy so that excess epoxy squeezes out of the holes and edges.



10. If any other stiffeners are loose, repeat steps 8–10 for each loose stiffener.

11. Move both front seats fully forward, and return the seat-backs to the fully upright position. Allow the headliner to rest on the headrests while the adhesive dries; it may be necessary to raise the headrests.

NOTE: Make sure the stiffeners do not separate from the headliner while the epoxy is drying. Allow the epoxy to dry a minimum of 1 hour before reassembling the headliner.

Allow the epoxy to dry while the headliner is supported by the headrest.

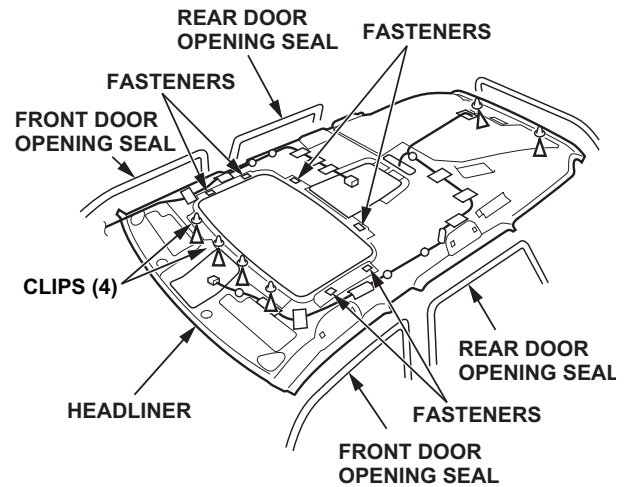


12. To prevent the side curtain airbags from deploying improperly and possibly causing injury, inspect the removed pieces and replace them if they have any of these types of damage:

- Any crease or tears in the headliner
- Any cracks or breakages in the grab handle
- Any damage around the grab handle holes or sunvisor holes in the headliner
- Any cracks in the sunvisor stay base
- Any bends or cracks in the sunvisor stay shaft
- Any cracks or breaks in the vanity mirror base
- Any fasteners and clip bases that have come off the headliner

13. Raise the headliner:

- With the help of an assistant, reattach the right side sunvisor holder, then the left side.
- Reattach the front four clips of the moonroof opening.
- Reattach the side fasteners, then the rear fasteners of the moonroof opening.
- Reinstall the B-pillar and the A-pillar trim.
- Reattach the front and rear door opening seals.



14. With RES:

- Reconnect the RES connector to the rear controller and screen.
- Reattach the harness clips to the right A-pillar.

15. Reconnect the roof wire harness connector.

16. Reinstall all remaining removed parts in the reverse order of removal.