

# **Component Procedures: Headliner**

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# Component Procedures: Headliner

## Folding Top Headlining Trim Panel Replacement (Article 10033)

### Removal Procedure

- Remove the folding top frame from the vehicle. Refer to Folding Top Frame Removal and Installation .
- Place the folding top frame (1) on a clean and dry surface, with the folding top cover face down and in the full close position. Click for full-size image
- Remove the folding top number 1 bow garnish molding. Refer to Folding Top Number 1 Bow Garnish Molding Replacement .
- Remove the folding top quarter outer drain panel from the folding top frame. Refer to Folding Top Quarter Outer Drain Panel Replacement .
- Disconnect the headliner (1) from the number 1 bow retainers (2) across the inner lower edge of the bow. Click for full-size image
- Drill out the rivet (1) that attach the side flap (2) to the folding top side rail on the left and right side, take Note how the side flap is fitted around the side rail before drilling out the rivet. Click for full-size image
- Position the side flap (1) around the folding top side rail to access the rivet (2) in the left and right side of the number 5 bow. Click for full-size image
- Drill out the rivet (2) that attach the side strap (3) to the folding top number 5 bow on the left and right side, take Note how the side strap is fitted around the side rail before drilling out the rivet.
- Drill out the rivet retaining the headliner side strap (1) from the left and right sides of the number 2 bow brackets, Do Not remove the folding top cover side straps (2) and (3). Click for full-size image
- Remove the headliner bead (1) from the inner track of the number 5 bow retaining edge. To assist in the removal, use a plastic flat blade tool (3). Click for full-size image
- Remove the headliner bead (1) from around the rear window inner retaining track (2). To assist in the removal, use a plastic flat blade tool (3). Click for full-size image
- Disconnect the electrical connectors (1) from the left and right side of the rear window defogger window. Click for full-size image
- Remove the rear window defogger harness (2) from the headliner.
- Position the headliner side flaps inward to expose the rivets in the number 5 bow bracket, drill out the rivet from the left and right side.
- Position the headliner and side flaps inward to expose the rivets in the number 2 thru 4 bows on the left side (Driver Side).
- Place a fender covers (4) under the number 2 thru 4 bows on left and right side, this will protect the folding top cover from metal shavings while drilling. Click for full-size image
- Do this from the left side only, drill (1) out the two rivets (2) from the number 2 bow thru 4 bows to this dimension 4.79 mm (3/16 in) (10.9 mm (0.4.2 in), releasing the front top side rail from the bow. Click for full-size image
- Pull the number 2 thru 4 bows loose from the folding top side rails.
- Remove the headliner from the folding top frame as follows: Click for full-size image
- On the left side (Driver Side), ensure that all rivets have been drill out and removed from the bows.
- Grasping the headliner and beads, work the headliner and bead downward as one from the bows, until fully removed.
- Vacuum all metal shavings from the folding top assembly before installing a new headliner.

### Installation Procedure

- Install the headliner and bead into the number 2 bow thru 4 bows, ensure that the headliner beads are going in the direction for each bow, note when removed. Click for full-size image
- Grasp the headliner and beads, work the headliner and bead into each track of the bows until it has been fully seated to the right side marks taken when removed.
- Do this from the left side only, using a appropriate tool, install two rivets (3) to the ends of the number 2 bow thru 4 bows, to this dimension 4.79 mm (3/16 in) (10.9 mm (0.4.2 in).
- Using the appropriate tool, install the rivet (1) to the headliner side strap (2) on the left and right side of the number 5 bow (3). Click for full-size image
- Using the appropriate tool, install the rivet to the headliner side flap (1) on the left and right side of the side rail as shown in graphic above. Click for full-size image
- Using the appropriate tool, install the rivet to the headliner side strap on the left and right side of the number 2 bow bracket. Click for full-size image
- Install the rear window defogger harness to the headliner. Click for full-size image
- Connect the electrical connectors (1) to the rear window defogger window.
- Install the headliner bead (1) to the rear window bead track (2). To assist in the installing, use a plastic

flat tool (3). Click for full-size image

- Install the headliner bead (1) to the retaining edge (2) of the number 5 bow. To assist in the installing, use a plastic flat tool (3). Click for full-size image
- Install the headliner (1) to the number 1 bow retainers (2) across the inner lower edge of the bow. Click for full-size image
- Install the folding top quarter outer drain panel from the folding top frame. Refer to Folding Top Quarter Outer Drain Panel Replacement .
- Install the folding top number 1 bow garnish molding. Refer to Folding Top Number 1 Bow Garnish Molding Replacement .
- Install the folding top frame to the vehicle. Refer to Folding Top Frame Removal and Installation .
- Place the folding top in the lock position, check it for appearance and fit.
- Inspect the front edge of the folding top to windshield frame for a good seal.
- Water test the vehicle to ensure a proper water tight seal front and rear.

## Headlining Trim Panel Replacement (Coupe) (Article 10036)

Callout Component Name

Warning: Do not attempt to repair or alter the head impact energy-absorbing material glued to the headliner or to the garnish trims . If the material is damaged, replace the headliner and/or the garnish trim. Failure to do so could result in personal injury. Caution: Use care when working around the head curtain inflator module. Sharp tools may puncture the curtain airbag. If the head curtain inflator module is damaged in any way, it must be replaced. Caution: If a vehicle is equipped with a head curtain inflator module ensure that the inflator module and tether are undamaged. If tether or curtain airbag are damaged in any way, they must be replaced. Preliminary Procedures Disable the SIR system. Refer to SIR Disabling and Enabling . Remove the windshield side garnish moldings. Refer to Windshield Side Garnish Molding Replacement . Remove the sunshade assemblies. Refer to Sunshade Replacement . Remove the sunshade support. Refer to Sunshade Support Replacement . Remove the overhead console assembly. Refer to Roof Console Replacement . Remove the coat hooks. Refer to Coat Hook Replacement . Remove the rear quarter trim panel . Refer to Quarter Upper Trim Panel Replacement . Remove the front passenger seat. Refer to Front Seat Removal and Installation Move the driver seat fully forward and recline.

Preliminary Procedures

- Disable the SIR system. Refer to SIR Disabling and Enabling .
- Remove the windshield side garnish moldings. Refer to Windshield Side Garnish Molding Replacement .
- Remove the sunshade assemblies. Refer to Sunshade Replacement .
- Remove the sunshade support. Refer to Sunshade Support Replacement .
- Remove the overhead console assembly. Refer to Roof Console Replacement .
- Remove the coat hooks. Refer to Coat Hook Replacement .
- Remove the rear quarter trim panel . Refer to Quarter Upper Trim Panel Replacement .
- Remove the front passenger seat. Refer to Front Seat Removal and Installation
- Move the driver seat fully forward and recline.

1 Headliner Trim Panel Retainer

2 Headliner Trim Panel Assembly Procedure Prior to removal, note routing of wire harness to aid in assembly and to ensure proper installation. Disconnect the electrical connectors. Removal and installation of the headliner must be completed through the right front door opening with the aid of an assistant to prevent kinking or damage to the headliner. If replacing the headliner assembly, transfer all necessary components. If transferring or replacing the wiring harness, refer to Headlining Trim Panel Harness Replacement . Note: When installing a new headliner, tape any unused connector to the headliner with a high adhesive tape.

Procedure

- Prior to removal, note routing of wire harness to aid in assembly and to ensure proper installation.
- Disconnect the electrical connectors.
- Removal and installation of the headliner must be completed through the right front door opening with the aid of an assistant to prevent kinking or damage to the headliner.
- If replacing the headliner assembly, transfer all necessary components.
- If transferring or replacing the wiring harness, refer to Headlining Trim Panel Harness Replacement .

## Headlining Trim Panel Harness Replacement (Article 10035)

Removal Procedure

- Take note of the wiring harness locations and measure the harness lead length prior to removing. Mark harness routing locations on new headliner prior to harness removal.
- Use fiber or plastic trim tool to assist in removing the wiring harness from the headliner, taking care not

to damage the harness.

- Remove excess glue and material from the wiring harness and re-tape areas where the tape was removed or damaged.

#### Installation Procedure

- Lay the wiring harness on the new headliner assembly to confirm correct routing and ensure harness leads are proper length for mating connections prior to gluing.
- Use hot melt adhesive to install the wiring harness. Adhesives, Fluids, Lubricants, and Sealers
- Apply insulator tape over glued locations to prevent squeaks and rattles as needed.