



**NUMBER:** 23-010-05

**GROUP:** Body

**DATE:** February 19, 2005

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**SUBJECT:**

Rattle-Like Sound From Instrument Panel Due To Loose Air Outlet To Duct Fit

**OVERVIEW:**

This bulletin involves installing a foam stuffer between the instrument panel brace and air outlet duct.

**MODELS:**

2005 (WK) Grand Cherokee

**NOTE: This bulletin applies to vehicles built prior to February 06, 2005 (MDH 0206XX).**

**SYMPTOM/CONDITION:**

While driving, the customer may experience a rattle-like sound coming from the left or right side of the instrument panel. Closer inspection may reveal that the rattle-like sound is coming from the far left and/or far right air outlet.

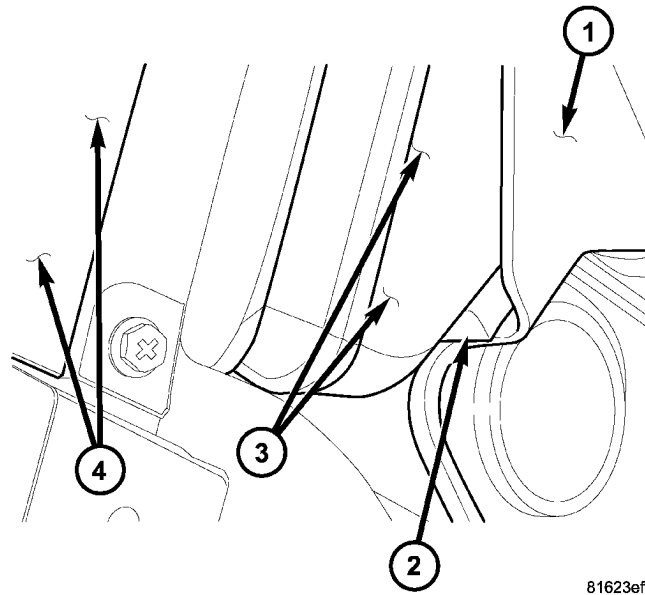
This condition may be caused by a loose interference fit between the back of the air outlet and the connecting plastic air duct located behind the air outlet.

**DIAGNOSIS:**

If the customer experiences the above condition perform the Repair Procedure.

**PARTS REQUIRED:**

| Qty. | Part No. | Description  |
|------|----------|--|
| 1    | NPN      | Double Back Tape - Dense Closed Cell - Of Length: 300 mm long x 25 mm wide x 3.175 mm thick (12 in. long x 1 in. wide x 0.125 in. or 1/8 in. thick)] - 3M Scotch-Mount Double-Coated Urethane Foam Tape p/n 021200-06452 or equivalent |

**REPAIR PROCEDURE:****Fig. 1 SIDE AIR OUTLET DUCT & BRACE**

- 1 - Instrument Panel Metal Brace
- 2 - Foam Stuffer
- 3 - Air Outlet Duct - View With Instrument Panel End Cap Removed
- 4 - Instrument Panel Fascia

1. Using a trim stick, carefully remove the right side instrument panel end cap.
2. Locate the connection between the back of the far right side air outlet and the air duct. A foam stuffer will be made out of the double back tape. The foam stuffer will be installed between the bottom side of the air outlet duct and the instrument panel brace. Prep these surfaces to accept the foam stuffer adhesive by making sure the surfaces are clean of any dirt, dust, or oils (Fig. 1).
3. Cut the 300 mm (12 in.) long double back tape foam into eight 37.5 mm (1.5 inch) long strips. Two foam stuffer will be made using these strips. Each foam stuffer will be made using four of the 37.5 mm (1.5 in.) double back tape strips stuck lengthwise to each other.
4. Build a foam stuffer. Adhere (stick) the long wide sides of the four strips to each other. When done the foam stuffer created should be 37.5 mm long x 25 mm wide x 12.7 mm thick (1.5 in. x 1.0 in. x 0.5 in.). Make a second foam stuffer of equal size using the remaining four unused strips.
5. Remove the adhesive protective backing from both ends/sides of a foam stuffer.
6. Install the foam stuffer between the bottom of the air outlet duct and the instrument panel brace. Verify good adhesion of the stuffer.
7. Carefully install the right side instrument panel end cap.
8. Perform the same repair as above to the far left side IP air outlet and duct.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

| <b>Labor Operation No:</b> | <b>Description</b>                                      | <b>Amount</b> |
|----------------------------|---|---------------|
| 23-11-14-94                | Install Foam Stuffers Behind Left And Right Air Outlets | 0.2 Hrs.      |

**FAILURE CODE:**

|    |       |
|----|-------|
| 68 | Noisy |
|----|-------|