PURPOSE

Customers of some affected vehicles may report a noise of sloshing water coming from the center of the dash, or notice water dripping onto the carpet. The HVAC case drain tube may be clogged with leaves or other debris, which allows water to collect in the lower assembly case.

This TSB provides instructions to drain and clean the HVAC case without removing it from the vehicle, and install a cabin air filter to prevent recurrence of drain blockage.

AFFECTED VEHICLES

2004-09 Endeavor built prior to 09/10/08

PROCEDURE

REQUIRED SPECIAL EQUIPMENT

- 12” length of heavy gauge wire (coat hanger).
- Hand pick with 90 degree tip.
- Hand drill and bits (1/4” (6mm) and 5/8” (16mm)).
- Drill stops for 1/4” (6mm) and 5/8” (16mm) drill bits.
- Wet/dry shop vacuum with 1 1/4” (32mm) inch hose.
- Container to catch water draining from drilled hole.
- Moisture absorbant rags or towels for clean up.
- Micro-attachments kit for vacuum (see photo, left). Generally fits 1 1/4” (32mm) vacuum hoses. Available at vacuum stores and other locations, and online.

REPAIRS

1. The arrow indicates the work area, which is in the driver’s footwell area above the accelerator pedal.

FILE UNDER:
Group 55 HEATER VENTILATION & AIR CONDITIONING, in the Dealer Service Information Binder (3546)
**CAUTION** In the following steps, CAREFULLY measure the hole location prior to drilling to ensure a flat surface for sealing.

2. Measure and mark the location for drilling an access hole in the side of the lower HVAC case (photo left, below).

3. Place a container or absorbant towels below the work area to catch any water that drains when the hole is drilled.

4. Install a drill stop 1/2” (13 mm), from the tip of a 1/4” (6 mm) drill bit. Drill a pilot hole in the side of the HVAC case where you marked it.

5. Install a drill stop 1/2” (13 mm), from the tip of a 5/8” (16 mm) drill and enlarge the hole (photo right, below).

6. Insert a 12 inch (30.5 cm) length of heavy gauge wire into the newly drilled hole (see photo below, left). Guide the wire through the drain hole and tube opening inside the case. Use several strokes to unclog the drain hole.

7. Assemble the mini-attachment nozzles from the vacuum kit and attach them to your shop vacuum hose. Insert the nozzle into the drilled hole and vacuum debris from the HVAC case (see photo below, right). A hand pick with a 90 degree tip may help loosen and remove larger debris.
8. Apply clear silicone sealant to the sealing surface of the plug (see photo below left).
9. Install the body plug (Part # MU670022) as shown (see photo below photo right).

CABIN AIR FILTER INSTALLATION (If not already installed)

The cabin air filter is installed on the passenger’s side of the vehicle, behind the glovebox.

1. Refer to TSB-08-55-007 and install a cabin air filter using instructions included with each filter.

NOTE: Please advise the customer that dealer installed cabin air filters are maintenance items, with recommended replacement every 6 months or 7,500 miles, which is the customer’s responsibility.

PARTS INFORMATION

Use the Genuine Mitsubishi Parts listed below.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>MU670022</td>
<td>Body Plug</td>
<td>1</td>
</tr>
<tr>
<td>MZ312931</td>
<td>Filter, Cabin Air</td>
<td>1</td>
</tr>
</tbody>
</table>

WARRANTY INFORMATION

This bulletin is supplied as technical information only and is not an authorization to repair. Repairs should be made on a complaint basis only. If an affected vehicle is observed with the described condition, diagnose the condition, repair as described in this bulletin and submit a normal warranty claim using the following information.

HVAC ASSEMBLY DRAINING AND CLEANING & FILTER INSTALLATION

Nature Code: 726  Cause Code: 570
Labor Operation No. 55151197  Time Allowance: 0.7 hr.
Warranty Coverage: Basic coverage.

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The information contained in this bulletin is subject to change. For the latest version of this document, go to the Mitsubishi Dealer Link, MEDIC, or the Mitsubishi Service Information website (www.mitsubishitechnico.com).