SUBJECT: C-Pillar Ringing-Like Sound When Rear Door Is Closed

OVERVIEW: This bulletin involves the installation of sound deadening material to the C-Pillar inner reinforcement panel.

MODELS:

2002 (KJ) Liberty

NOTE: THIS BULLETIN APPLIES TO VEHICLES BUILT PRIOR TO MAY 05, 2001 (MDH 0505XX).

SYMPTOM/CONDITION: A ringing-like sound may occur when a rear door is closed. This sound may cause the customer to complain that a rear door does not sound “solid” when it is closed. The ringing-like sound may appear to be coming from the C-Pillar area near the body mounted door striker. This condition may be caused by an inner reinforcement panel, behind the outer quarter panel, that could vibrate when a rear door is closed. This condition may occur on one or both sides of the vehicle.

DIAGNOSIS: Open and close each rear door several times. If either the left or right C-Pillar exhibits the ringing-like condition when the rear door is closed, perform the Repair Procedure.

PARTS REQUIRED:

<table>
<thead>
<tr>
<th>Qty</th>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>06506007AA</td>
<td>Rivet, Black Plastic</td>
</tr>
<tr>
<td>5</td>
<td>06506010AA</td>
<td>Fastener, Plastic Push-In w/Foam Seal</td>
</tr>
<tr>
<td>2</td>
<td>55156429AA</td>
<td>Retainer, Plastic Push-In</td>
</tr>
<tr>
<td>1</td>
<td>NPN</td>
<td>Foam, Minimum Expanding Latex Foam (available at local hardware and home improvement centers)</td>
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</tbody>
</table>

REPAIR PROCEDURE:
1. Support vehicle on an appropriate frame contact hoist/lift.
2. Remove the rear tire and wheel assembly.
3. Drill out the center mandrel on each plastic rivet (5 in total) used to attach the quarter panel flare to the vehicle body (Fig. 1). Be very careful not to damage painted surfaces.
4. Remove the five plastic rivets.
5. Remove the quarter panel flare from the quarter panel by starting at the rear of the flare and working toward the front of the flare.
6. Locate and remove the quarter panel drain plug (Fig. 2).
7. With your finger, locate the bottom edge of the inner reinforcement panel. The inner reinforcement panel is approximately one inch inboard of the outer quarter panel.
8. Insert the nozzle of the latex foam container as far up and between the two panels. Apply the latex foam between the quarter panel and the inner reinforcement panel. The space between the two panels should be taken up by the expanding foam.

**NOTE: IT IS IMPORTANT THAT THE LATEX FOAM BE MINIMUM EXPANDING ONLY. THE FOAM MUST BE APPLYED BETWEEN THE BACKSIDE OF THE OUTER QUARTER PANEL AND THE OUTBOARD FACING SURFACE OF THE INNER REINFORCEMENT PANEL. DO NOT APPLY THE SOUND DEADENING LATEX FOAM TO THE BACKSIDE (INBOARD FACING SIDE) OF THE INNER REINFORCEMENT PANEL.**

9. Install the drain plug.
10. Install new plastic fasteners, p/n 55156655AA and 55156429AA, to the quarter panel flare.
11. Install the flare to the quarter panel.
12. Align the flare to the rest of the vehicle and install five new plastic rivets, p/n 06506007AA, to secure the flare to the vehicle body.
Fig. 2 ACCESS TO INNER PANEL

1 - Rear Door
2 - Location Of Inner Reinforcement Panel (behind quarter panel)
3 - Quarter Panel
4 - Minimum Expanding Latex Foam For Sound Deadening
5 - Drain Hole and Access To Inner Reinforcement Panel

13. Install the wheel and tire assembly. Tighten the lug nuts to 136 Nm (100 ft. lbs.).
14. If the other side C-Pillar exhibits the same condition, then repeat steps 2 through 13 to correct the condition.
15. Lower vehicle.

POLICY:
Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

<table>
<thead>
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<th>Labor Operation No:</th>
<th>Description</th>
<th>Time</th>
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<tbody>
<tr>
<td>23-85-04-90</td>
<td>Sound Deadening Material, Right C-Pillar Area - Install</td>
<td>0.3 Hrs</td>
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<tr>
<td>23-85-04-91</td>
<td>Sound Deadening Material, Left C-Pillar Area - Install</td>
<td>0.3 Hrs</td>
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</tbody>
</table>

FAILURE CODE:

2X Vibration or Chatter