



NUMBER: 23-027-04

GROUP: Body

DATE: July 19, 2004

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SUBJECT:

Flutter-Like Sound From Outside Mirror During High Vehicle Speeds

OVERVIEW:

This bulletin involves installing double-coated foam tape between the base (flag) section of the outside mirror and outer door panel.

MODELS:

1999 - 2004 (WG) Grand Cherokee (International Markets Only)

SYMPTOM/CONDITION:

The customer may experience a flutter-like sound when traveling at vehicle speeds of 80 km/h (50 mph) or higher coming from the area of the outside mirror. The flutter-like sound may be caused by a vibration of the plastic base (flag) section of the outside mirror assembly against the outer door panel.

DIAGNOSIS:

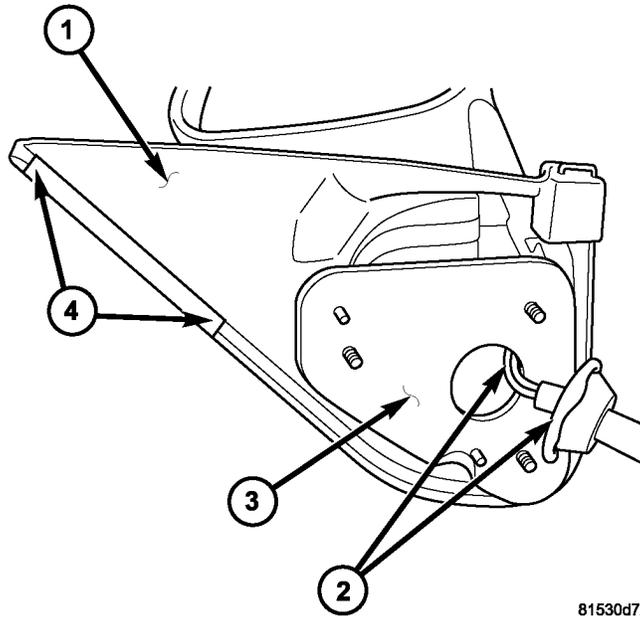
If the customer complains of this condition perform the Repair Procedure.

PARTS REQUIRED:

Qty.	Part No.	Description
AR	NPN	3M Acrylic Plus Tape PT 1100 or equivalent (double-coated acrylic foam tape - 90 mm long x 9 mm wide x 1.14 mm thick)

REPAIR PROCEDURE:

1. Remove the front door trim panel.
2. Disengage the outside power mirror harness connector, if equipped.
3. Remove the mirror flag seal.
4. Remove the nuts attaching the mirror to the door.
5. Separate the mirror from the door.
6. Clean the back side of the mirror base (flag) in the area where the double-coated foam tape will be applied (Fig. 1).
7. Install a 90 mm x 9 mm x 1.14 mm (3.5 in x 0.35 in x 0.045 in) piece of double-coated foam tape to the back side of the mirror base.



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Fig. 1 OUTSIDE MIRROR - BACKSIDE VIEW

- 1 - PLASTIC BASE (FLAG) SECTION OF OUTSIDE MIRROR
- 2 - POWER MIRROR HARNESS AND SEALING GROMMET
- 3 - MIRROR BASE (FLAG) SEAL
- 4 - DOUBLE COATED FOAM TAPE INSTALL LOCATION

- 8. Position the mirror to the outer door panel. Verify that the gasket seal is properly positioned.
- 9. Install the attaching nuts and tighten to 7 Nm (60 in. lbs.).
- 10. Install the mirror flag seal.
- 11. Engage the power mirror harness connector, if equipped.
- 12. Install the door trim panel.
- 13. Verify proper mirror operations

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Amount
23-04-21-90	Mirror, Outside Door - Install Foam Tape - One Door	0.3 Hrs.
23-04-21-91	Mirror, Outside Door - Install Foam Tape - Both Doors	0.5 Hrs.

FAILURE CODE:

2X	Vibration or Chatter
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