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Symptom/Vehicle Issue: Hood Flutter Movement Or Bounce While Driving

Customer Complaint/Technician Observation: On a test drive the hood may appear to flutter or shake. Condition may happen more in high speed or high wind situations. Other possible complaints may include hood wobble, high hood closing efforts, hood to fender fit / flushness. If any of these conditions are observed, refer to the below procedures for hood adjustments

Discussion:

For hood movement, high closing efforts, or overflush hood to fender:

1. Close the hood and view the flushness of the hood, relative to fenders. The hood should be flush or slightly under flush along the fender cutline.
2. If the hood is too far under flush, adjust the outboard up/down hood bumpers to raise the hood. This can be done by opening the hood and turning the outboard bumpers counterclockwise until your desired flushness.
3. Ensure all four up/down bumpers have contact with hood inner. Place paper over each up/down hood bumper, close hood. You should not be able to slide the paper from between the bumper and hood surface. If paper slides from between any of the four up/down bumpers, raise that bumper by turning it counterclockwise until

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Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found

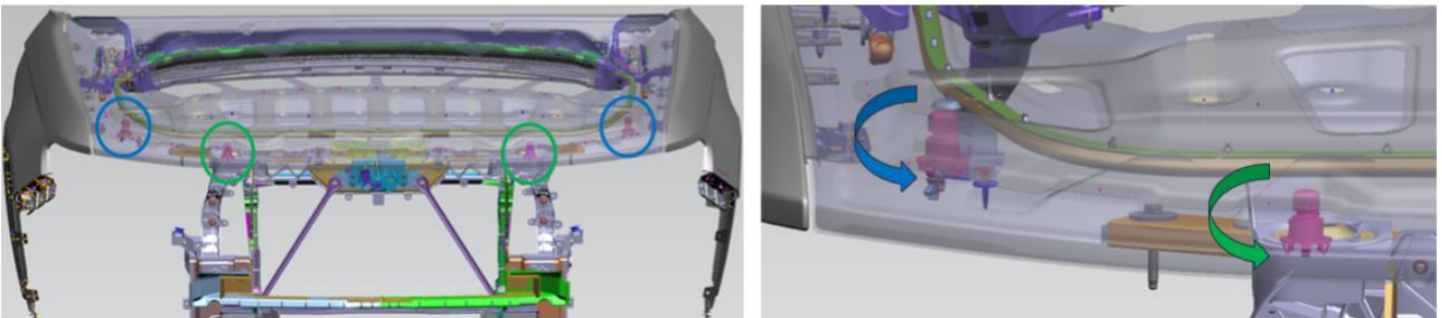


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paper cannot easily be removed. Adjust bumpers in small intervals to prevent increased closing efforts.

4. Verify hood closing effort remains acceptable. If the closing effort is high reduce the inboard up/down bumper height slightly by turning the bumpers clockwise. Be sure the bumpers remain in contact with the hood inner.



Hood bumper locations- inner and outer

For local hood flutter at rear center of hood:

1. Open hood
2. Remove silencer pad by removing push pins (10) and sliding pad from locating slots on hood inner – graphic 1.
3. Inspect antflutter adhesive path (item be in graphic below) for breaks in the pattern or broken connections between the inner and outer panel

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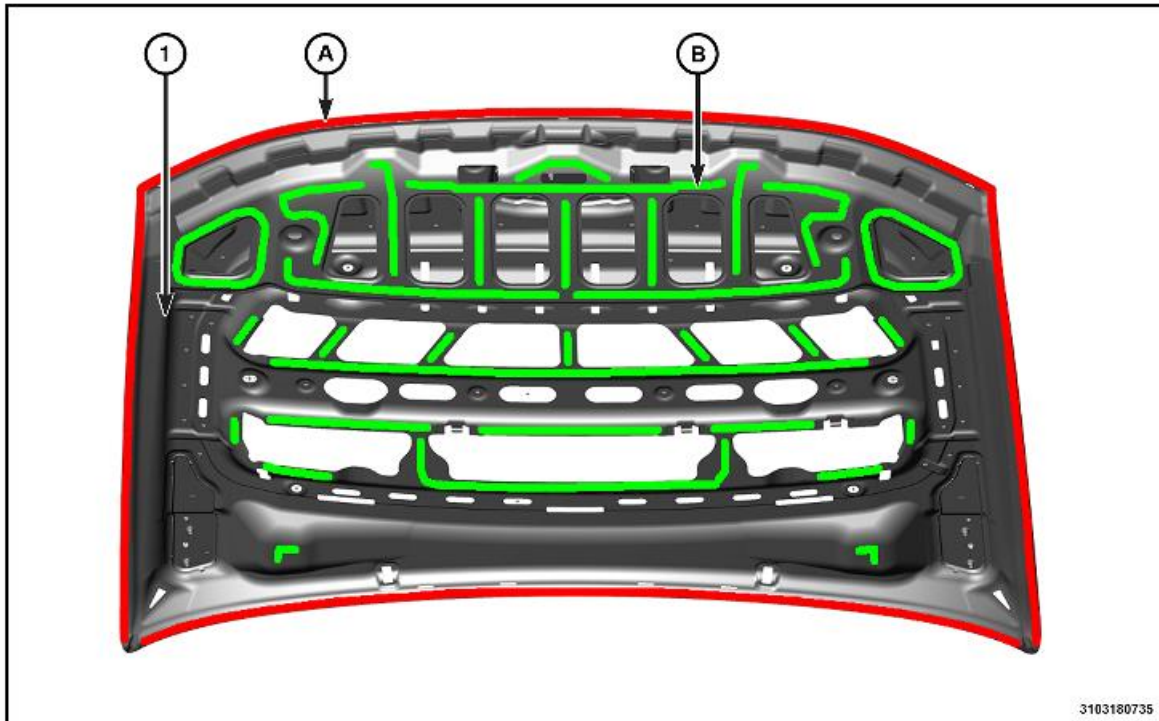


Figure 1 - Hood (1 of 2)

- 1- Inner Hood Panel
- A- Structural Adhesive
- B- Anti-Flutter Adhesive

4. Apply windshield urethane adhesive in areas noted if there is a gap or break in antiflutter – graphic 2.

Pull down and hold the hood inner panel by hand

Wipe the flanges of excess dust or dirt at the defective locations

Apply a 5 mm (0.2 in) diameter windshield urethane (MOPAR #04187367AB) bead as needed

Once applied, verify that the urethane is bonded to both the hood inner and outer surfaces

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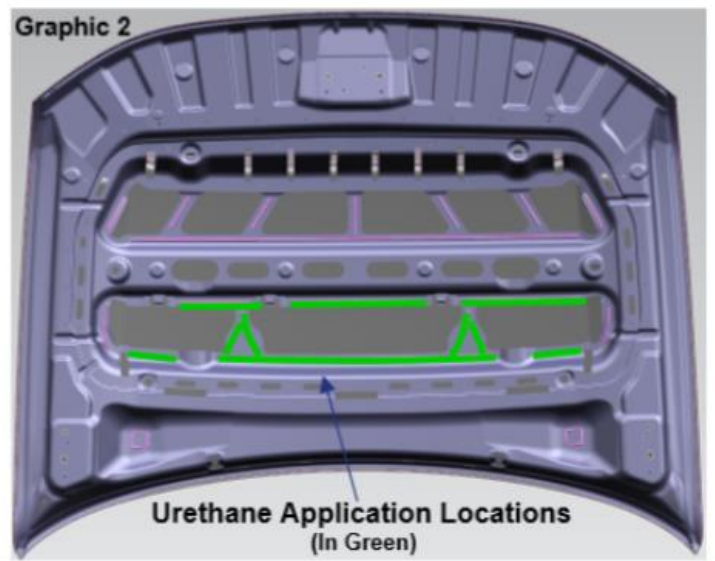
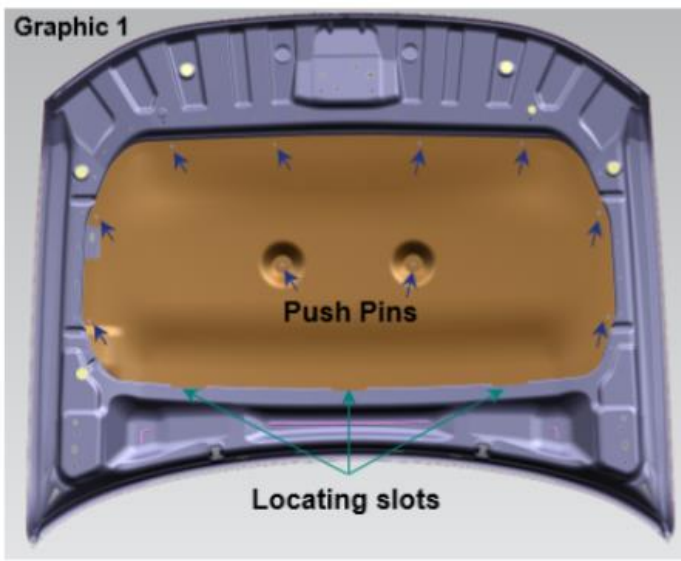
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Allow the urethane to cure one hour with the hood either open or closed at an ambient temperature between 16°- 21°C (60°-70°F) – Do Not apply any force to the hood that may disturb the urethane as it cures.

5. After one hour of urethane cure time, reinstall the hood silencer pad (graphic 1) using (10 new push pins, MOPAR #04878883AA)

6. Do not drive vehicle for 24 hrs to fully cure urethane.



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