

CERTAIN 2017 MODEL YEAR EDGE VEHICLES WITH PANORAMIC VISTA ROOF — MISSING FRONT WINDSHIELD HEADER WELDS

OVERVIEW

The affected vehicles may not conform to the requirements specified by Federal Motor Vehicle Safety Standard (FMVSS) No. 214 – Dynamic performance requirements for side impact crash. The front windshield headers may have been improperly welded and could be missing welds. Vehicles with an improperly welded windshield header may have reduced lateral structural integrity, potentially increasing the risk of injury in a side impact crash.

Before demonstrating or delivering any new in-stock vehicles involved in this recall, dealers are to install rivets into the front windshield header. This service must be performed on all affected vehicles at no charge to the vehicle owner.

SERVICE PROCEDURE

1. Remove and discard the windshield. Please follow the Workshop Manual (WSM) procedures in Section 501-11.

NOTE: When removing the windshield cut the urethane very close to the glass, leaving as much of the original urethane as possible.

2. Using a metric tape measure or rule, measure the distance from the center of the locating holes at both the left and right top corners of the windshield opening inward, and mark the body sheet metal tabs at 30 mm, 80 mm, 180 mm, 280 mm, and 430 mm. See Figure 1.

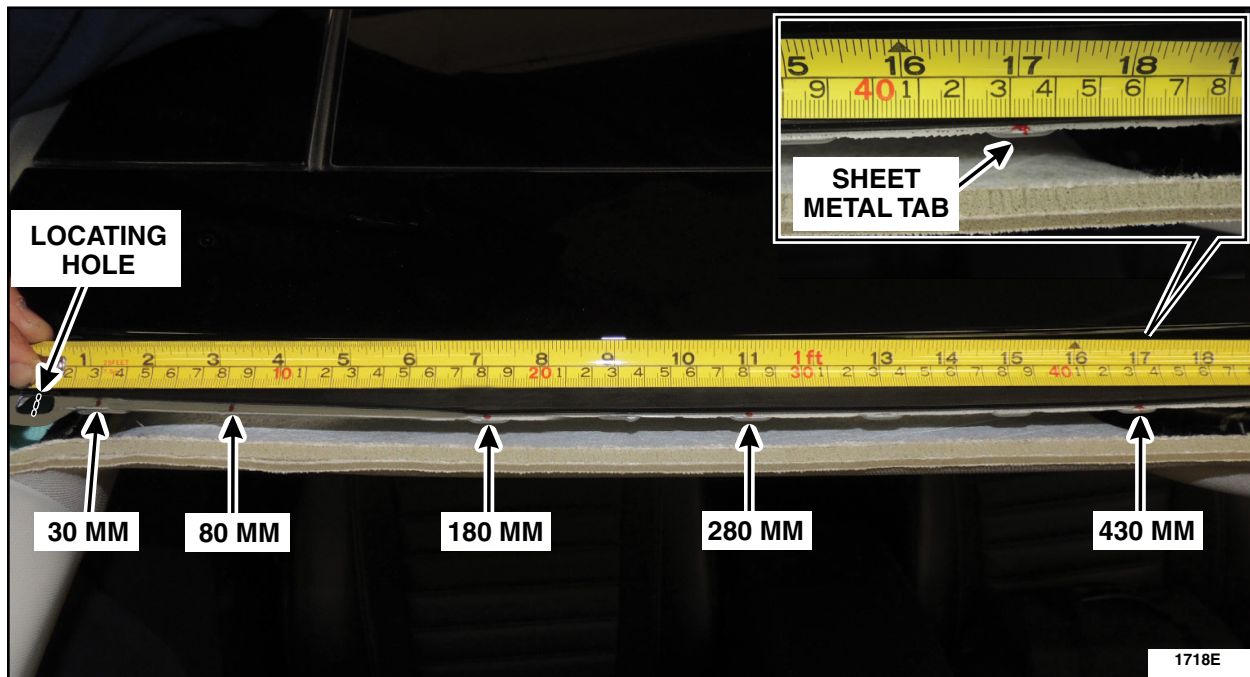


FIGURE 1



3. At each marked location, use a razor blade, scraper or similar tool to remove a strip of urethane approximately 2 in (50 mm) in length. See Figure 2.



FIGURE 2

4. Cover the windshield opening and use a Scotch-Brite™ Roloc™ bristle disc, dual action sander, or similar tool to remove the remaining urethane and paint, exposing bare metal at the marked locations. See Figure 3.



FIGURE 3

5. Using a suitable 17/64" (6.75 mm) drill bit, drill holes at all 10 marked locations. Use a drill bit collar set to 3/16" (5mm) to avoid damaging the headliner.

NOTE: The center of the holes must be approximately .5 in (12 mm) from the leading edge of the windshield header panel, and centered through the body sheet metal tabs.

NOTE: A centering punch should be used to mark desired locations prior to drilling holes.



6. Clean all debris and metal shavings from each hole location and clean metal with an alcohol wipe.
7. Apply Dow® BETAPRIME™ 5504G urethane primer, completely covering all exposed bare metal with a single thin layer.
8. Install a rivet into each of the 10 locations.

NOTICE: Use only the rivets supplied by the SSSC. Do not use any substitute. Refer to Attachment II of the dealer bulletin.

9. Remove all old windshield molding tape residue from the body prior to installing the *new* windshield.

NOTICE: Step 10 must be performed approximately 10 minutes prior to applying *new* urethane.

10. Reapply Dow® BETAPRIME™ 5504G urethane primer, completely covering the rivet heads and the area where primer was previously applied. See Figure 4.

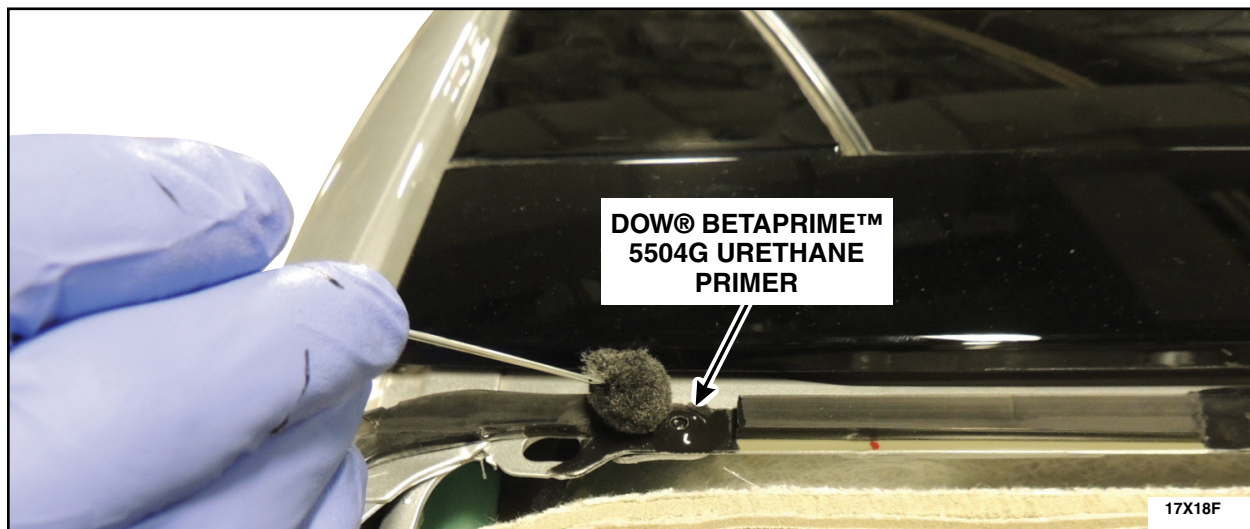


FIGURE 4

11. Install a *new* windshield. Please follow the WSM procedures in Section 501-11.

NOTICE: To ensure proper bonding of the urethane, no more than 2 hours may elapse between shaving the urethane down and installation of the *new* windshield.

NOTICE: When applying urethane to install the *new* windshield, the urethane must also completely cover the rivet heads.

