

CERTAIN 2015-2016 MODEL YEAR TRANSIT WAGON VEHICLES WITH LOW ROOF — SIDE CURTAIN AIRBAG INSPECTION AND ADJUSTMENT

NEW ! OVERVIEW

REASON FOR THIS SUPPLEMENT

Technical Information: The Side Curtain Airbag Adjustment Procedure has been updated to change the name of the side curtain airbag tape to correspond with the released part number.

In some of the affected vehicles, the driver and/or passenger side curtain airbag fabric may have an incorrect fold orientation. If the fold orientation is incorrect, the driver and/or passenger side curtain airbag may not deploy with correct trajectory, which could affect the performance of the side curtain airbag, increasing the risk of injury in a side and/or rollover crash. Dealers are to inspect the side curtain airbags for correct fold orientation and adjust, if necessary.

Side Curtain Airbag Inspection

⚠ WARNING: Do not obstruct or place objects in the deployment path of the side curtain airbag or side curtain airbag assembly. Never insert any type of fastener or tie strap around any portion of the side curtain airbag, or related interior trim panel. Failure to follow this instruction may result in the side curtain airbag deploying incorrectly, increasing the risk of injury in a side and/or rollover crash.

1. Lower all rear headliner sections to allow for inspection of the side curtain airbags. Please follow the Workshop Manual (WSM) procedure in Section 501-05 (rear headliner).

NOTE: The rear headliner sections will only need to be lowered and not completely removed from the vehicle for the inspection.



2. Inspect the driver and passenger side curtain airbag fold orientation starting at the B-pillar and ending at the rear of the vehicle. When properly positioned, the centerline of each side curtain airbag will have a rolled section of side curtain airbag fabric that should be positioned below the folded section. The side curtain airbag fabric orientation may be positioned anywhere within the acceptable (**PASS**) range illustrated in Figure 1.

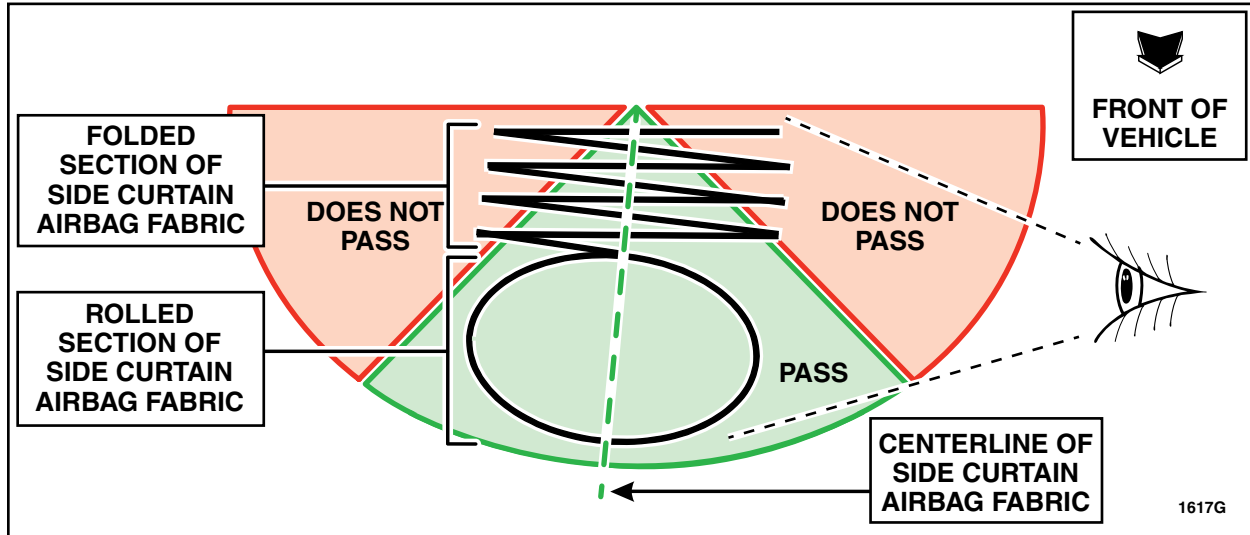


FIGURE 1



The side curtain airbag **PASSES** inspection if the centerline of the rolled and folded sections is within the acceptable (**PASS**) range. See Figure 1 and 2a. If both the driver and passenger side curtain airbags pass inspection, the repair is complete. Install the rear headliner sections. Please follow the WSM procedures in Section 501-05 (rear headliner).

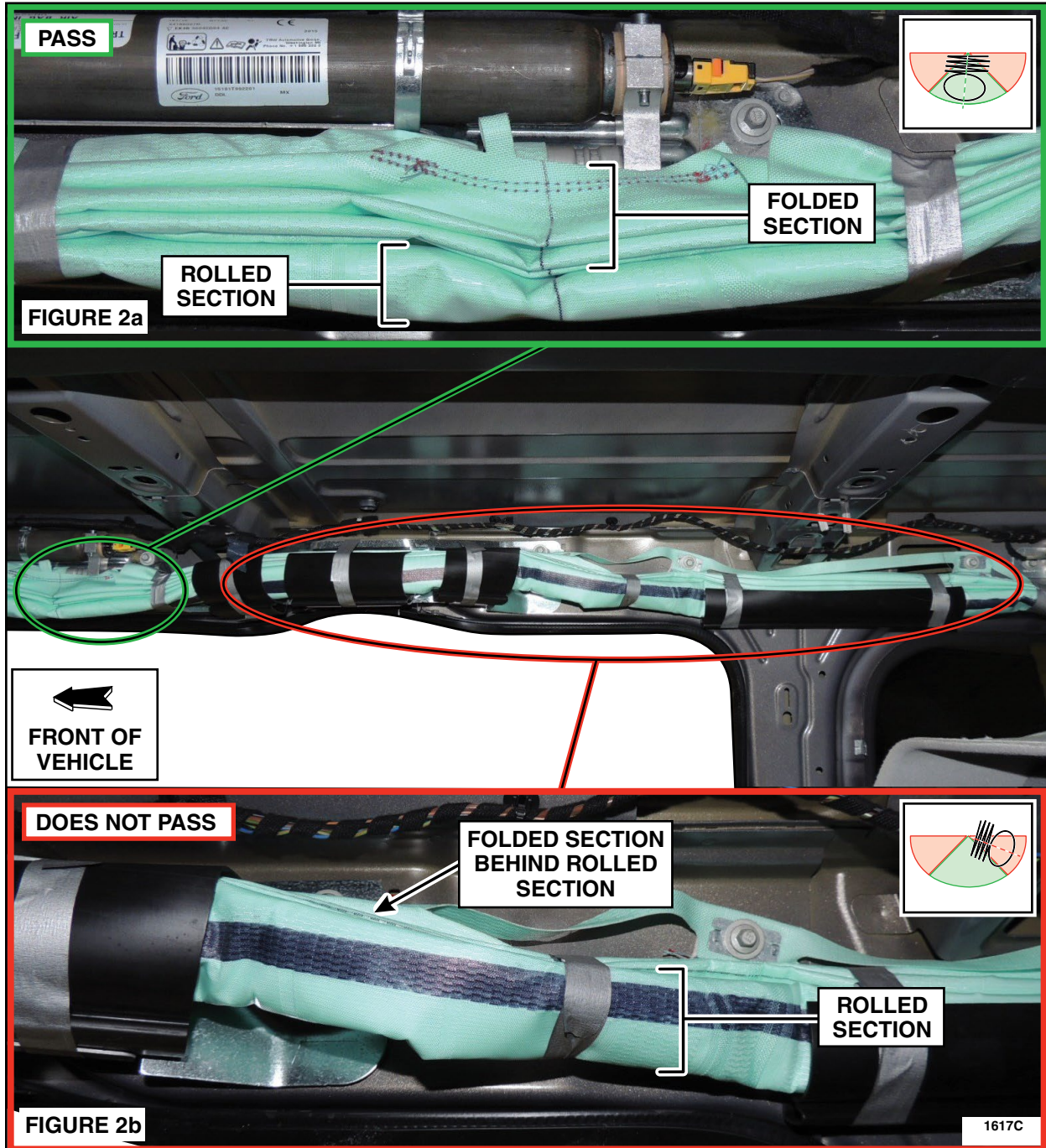


FIGURE 2

The side curtain airbag **DOES NOT PASS** inspection if the centerline of the rolled and folded sections is **not** within the acceptable (**PASS**) range at any point rearward of the B-pillar. See Figure 1 and 2b. If the side curtain airbag does not pass inspection at any point rearward of the B-pillar, proceed to the Side Curtain Airbag Adjustment Procedure on Page 3.



NEW ! Side Curtain Airbag Adjustment Procedure

WARNING: Incorrect repair techniques or actions can cause an accidental Supplemental Restraint System deployment. Make sure the restraint system is depowered before reconnecting the component. Refer to the Supplemental Restraint System depowering General Procedure in section 501-20B. Failure to precisely follow depowering instructions could result in serious personal injury from an accidental deployment.

1. Depower the Supplemental Restraint System (SRS). Please follow the WSM procedures in Section 501-20B.
2. Remove the previously lowered rear headliner sections from the vehicle to allow for side curtain airbag adjustment.
3. Hand tear and remove the side curtain airbag tape in the areas that do not pass inspection. See the illustration in Figure 3 for an example of how to hand tear the side curtain airbag tape.

NOTE: When removing the *side curtain airbag tape*, it is expected and acceptable for some of the backing or back side of the side curtain airbag tape to remain on the side curtain airbag. Do not use any chemicals or tools to remove the backing that remains.

NOTE: To prevent the side curtain airbag fabric from unfolding, only remove 2-3 pieces of side curtain airbag tape at one time.

NOTE: **DO NOT** remove any side curtain airbag tape from the portion of the side curtain airbag covered by the front headliner.



FIGURE 3



4. For all portions of the side curtain airbag that **DO NOT PASS** inspection, adjust the side curtain airbag fabric to match the correct orientation shown in Figure 4.

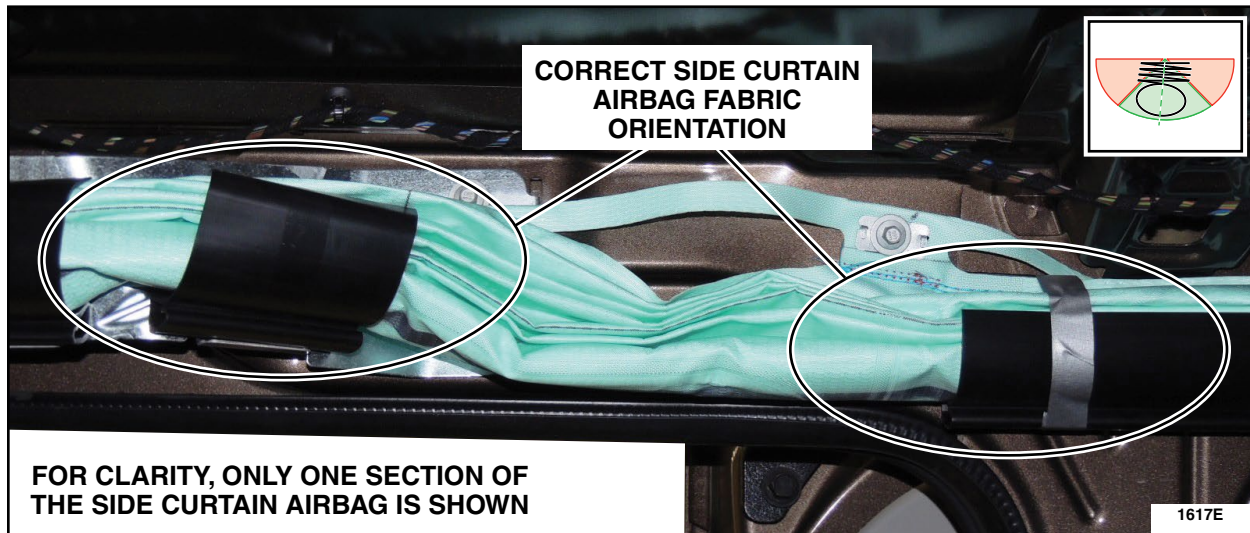


FIGURE 4

⚠ WARNING: When replacing the side curtain airbag tape, any overlap of the side curtain airbag tape ends must be oriented at the bottom of the curtain. Failure to properly orient the overlap of the side curtain airbag tape ends could result in incorrect operation of the restraint system increasing the risk of injury in a side and/or rollover crash.

5. For each of the side curtain airbag tape pieces removed from the factory locations, cut a 10 in (25.4cm) piece of side curtain airbag tape from the roll. Route the side curtain airbag tape above the side curtain airbag fabric, going fully around, and overlap the side curtain airbag tape ends at the bottom to secure the fabric. See Figure 5a and 5b.

NOTE: To guide the side curtain airbag tape above the side curtain airbag fabric, place one hand behind the fabric and stick the side curtain airbag tape to one finger. Carefully remove your hand while guiding the side curtain airbag tape above the fabric. See Figure 5a.

NOTE: **DO NOT** apply any additional side curtain airbag tape pieces to the side curtain airbag assembly. Only replace pieces that are removed during the procedure.

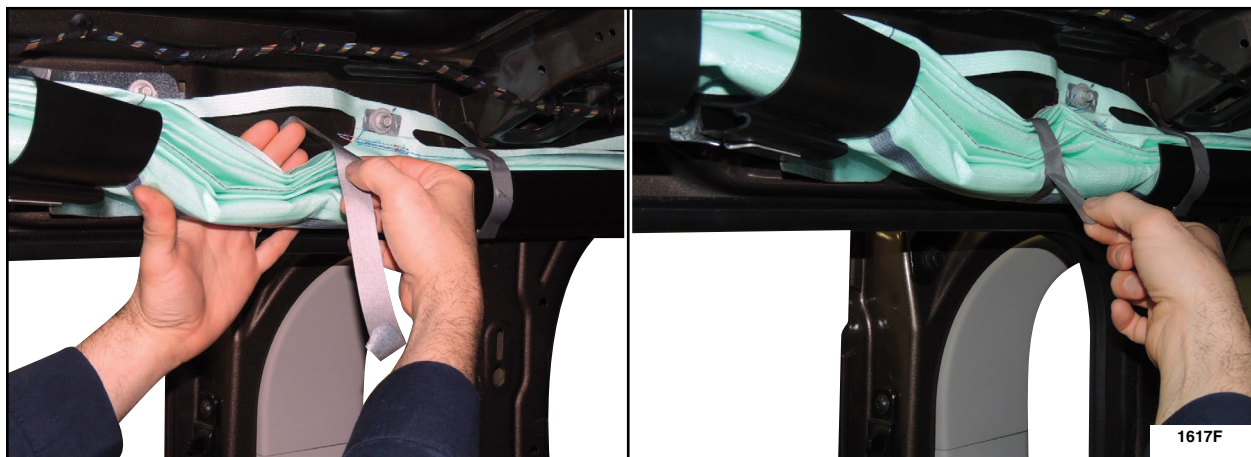


FIGURE 5a

FIGURE 5b



6. Install the rear headliner sections. Please follow the WSM procedures in Section 501-05 (rear headliner).
7. Repower the SRS. Please follow the WSM procedures in Section 501-20B.

