



Tesla, Inc.
Service Bulletin

Remove B-Pillar Applique Gore Patches

SB-20-12-002
March 17, 2020

Classification		Section/Group	Mobile Service
Repair Bulletin		12 - Exterior Fittings	Can Perform (where permitted)
Model Year	Model	Country/Region	Version
2016 - 2019	Model S, Model X, Model 3	All	All

The model(s) and model year(s) listed are a general approximation of the affected VIN list. Refer to the VIN/Bulletin Tracker or Customer/Vehicle profile to determine applicability of this bulletin for a particular vehicle.

Repair Bulletin: This repair bulletin provides instructions on addressing a noted condition or possible customer concern regarding the operation of Tesla vehicles. These instructions should only be performed by trained professionals.

Condition

On some Model S, Model X, and Model 3 vehicles, condensation might build up inside of the B-pillar applique, potentially obscuring the B-pillar camera. This condition might cause some Autopilot features to be temporarily unavailable until the condensation goes away, such as Auto Lane Change, Blind Spot Detection, and Lane Departure Warning.

Correction


Inspect both B-pillar applique camera cavities for condensation. If condensation is present in either B-pillar applique, remove and discard the gore patches from both B-pillar appliques to improve the airflow and reduce condensation.

Correction Description	Correction	Time
SB-20-12-002 Not Applicable	S012012002	0.00
B-Pillar Applique Gore Patches Not Installed	S022012002	0.05
Remove B-Pillar Applique Gore Patches To Reduce Condensation, Model 3	S032012002	0.20
Remove B-Pillar Applique Gore Patches To Reduce Condensation, Model X	S042012002	0.25
Remove B-Pillar Applique Gore Patches To Reduce Condensation, Model S	S052012002	0.45

Part Number	Description	Quantity
Parts Required		
1042627-00-A	Model S: 3M ACRYLIC FOAM TAPE RT8016, 250x15x1.6	2
This part number was current at the time of publication. Use the revisions listed or later, unless otherwise specified in the Parts Catalog .		
Shop Supplies Isopropyl Alcohol (IPA) wipes (Model S)		

Procedure

1. Log into Garage, enter the VIN, and then select it.
2. Check the date under **Vitals > Basic > Vehicle > Birthday** in Garage:
 - If the vehicle's birthday is before March 31st, 2019, continue to the next step.
 - If the vehicle's birthday is March 31st, 2019 or after, discontinue this procedure because the gore patches were not installed on the B-pillar appliques.
3. Remove and retain the LH B-pillar applique (refer to Service Manual procedure 12200102).

 **NOTE:** Do not discard the B-pillar applique. The applique will be reinstalled later in this procedure.

4. Place the B-pillar applique face down on a soft cloth and look for the gore patch (Figures 1, 2, and 3).


 **CAUTION:** To avoid damage to the camera lens, do not remove the camera module from the B-pillar applique.



Figure 1 – Model S




Figure 2 – Model X



Figure 3 – Model 3

5. Carefully remove and discard the gore patch that covers the hole on the B-pillar applique using a pair of tweezers or similar tool; start by scraping the edges of the gore patch (Figure 4), and then remove the gore patch from the applique (Figure 5).

 **NOTE:** Remove the residue left from the gore patch, if possible (Figure 6).


 **NOTE:** Make sure that no gore patch debris obstruct the camera lens.



Figure 4 – Model S shown, Model X and Model 3 similar



Figure 5 – Model S shown, Model X and Model 3 similar



Figure 6 – Model S shown, Model X and Model 3 similar

6. **Model S only:** Remove any remaining adhesive from the B-pillar and the B-pillar applique on highlighted areas in Figures 7 and 8, and then clean the same areas with IPA wipes. Allow the area to dry before continuing.



Figure 7




Figure 8

7. **Model S only:** Apply 2 strips of the acrylic double-sided tape to the inner side of the B-pillar applique as shown in Figure 9.



Figure 9

8. Repeat steps 3 – 7 for the RH side.
9. **Model S only:** Peel the backing from the double-sided tape.
10. Reinstall the LH and RH B-pillar appliques (refer to Service Manual procedure 12200102).

 **NOTE (Model 3 only):** Skip the “redeploy the vehicle firmware” step during the installation of the B-pillar applique.