	esla, Inc. ervice 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,	All	All			
	Model 3					
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 o	current at the time of publication. Use the revisions listed or later, unli	ess 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 31<sup>st</sup>, 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.

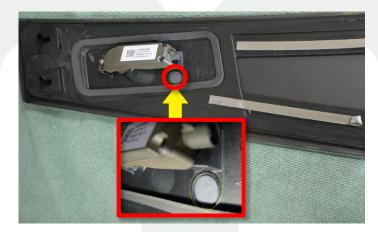


Figure 1 - Model S



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 lense.



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.