

		<b>Tesla, Inc.</b> Service Bulletin		<b><i>Inspect Front Roof Applique &amp; Center Spine Applique For Lack of Adhesion</i></b>	
SB-20-12-005 December 23, 2020		R1			
<b>Classification</b>		<b>Section/Group</b>		<b>Mobile Service</b>	
Recall Bulletin		12 - Exterior Fittings		Can Perform (where permitted)	
<b>Model Year</b>	<b>Model</b>	<b>Country/Region</b>		<b>Version</b>	
2016	Model X	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.					

Recall Bulletin: Recall Bulletins are mandatory service procedures that must be carried out by Tesla-certified Service Centers. Recall work performed by uncertified technicians could lead to unsafe conditions or voided warranty provisions.

*This Service Document supersedes SB-20-12-005, dated 20-Nov-20. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.*

## Condition

On certain Model X vehicles, the front roof applique and/or center spine applique may have been applied to the roof without the use of primer, which could cause the applique(s) to separate from the roof.

## Correction

Inspect the vehicle for symptoms related to the condition. If symptoms are present, reapply the adhesive with primer and reinstall the affected applique(s) if reusable, or replace if not reusable.

Correction Description	Correction	Time
Inspect Front Roof And Center Spine Appliques; No Lack Of Adhesion Found	S012012005	0.05
Reapply Adhesive To Front Roof Applique; No Lack Of Adhesion Found In Center Spine Applique	S022012005	0.50
Replace Front Roof Applique; No Lack Of Adhesion Found In Center Spine Applique	S032012005	0.50
Replace Center Spine Applique; No Lack Of Adhesion Found In Front Roof Applique	S042012005	1.10
Reapply Adhesive To Front Roof Applique And Replace Center Spine Applique Due To Lack Of Adhesion	S052012005	1.55
Replace Front Roof Applique And Center Spine Applique Due To Lack Of Adhesion	S062012005	1.55

	Part Number	Description	Quantity
<b>Parts Required</b> (if necessary)	1041362-00-J	ASSY, MX ROOF APPLIQUE – FRONT	1
	1041361-S0-A or 1125009-00-B	ASSY, MX CENTER SPINE APPLIQUE	1
	1059658-00-A	CHEMICAL, BETAPRIME, 10ML	1
	1048645-00-A	DOW BETASEAL EXPRESS	1
These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the <a href="#">Parts Catalog</a> .			
<b>Special Tools</b>	1114917-00-A (Service Centers)	TOOL, VACUUM CUP, 3' X 6'	
	1490051-00-A (Mobile Service)	SUCTION CUPS, 1S MOBILE SERVICE	
	1080978-##-B	KIT, FORCE GAUGE North America, Japan <b>00-B</b> , EMEA <b>01-B</b> , United Kingdom, Hong Kong <b>22-B</b> , China, Australia <b>25-B</b>	
<b>Shop Supplies</b>	Isopropyl Alcohol (IPA) wipes		

## Procedure

1. Clean the front roof applique to ensure that its surface is free of dirt or debris.
2. Secure the vacuum cup onto the LH outboard end of the front roof applique (Figures 1 and 2).



Figure 1 – Vacuum cup for Service Centers



Figure 2 – Vacuum cup for Mobile Service

3. Connect the vacuum cup to the force gauge, and then pull up slowly on the vacuum cup with 60 N maximum force (50 N for Mobile Service) (Figure 3). Inspect the front roof applique for the following:

**⚠ CAUTION:** Carefully pull up the vacuum cup to prevent accidental damage to the front roof applique and rear door roof glass seals.

- If the front roof applique separates from the roof **AND** the front roof applique is damaged, replace the front roof applique (refer to Service Manual procedure [12206002](#)), and then skip to step 6.
- If the front roof applique separates from the roof **AND** the front roof applique is undamaged, remove the front roof applique, remove the old sealant from the front roof applique, reinstall the front roof applique (refer to Service Manual procedure [12206002](#)), and then skip to step 6.
- If the front roof applique stays sealed on the roof, the front roof applique adhesion is in good condition. Continue to the next step.



**Figure 3**

4. Remove the vacuum cup from the front roof applique.
5. Repeat steps 2, 3, and 4 on the center and the RH outboard end of the front roof applique.
6. Clean the center spine applique to ensure that its surface is free of dirt or debris.
7. Secure the vacuum cup onto the front end of the center spine applique (Figure 4).



**Figure 4 – Shown with vacuum cup for Service Centers; Mobile Service similar**

8. Connect the vacuum cup to the force gauge, and then pull up slowly on the vacuum cup with 60 N maximum force (50 N for Mobile Service). Inspect the center spine applique for the following:

**⚠ CAUTION:** Carefully pull up the vacuum cup to prevent accidental damage to the center spine applique and rear door roof glass seals.

- If the center spine applique separates from the roof, replace the center spine applique (refer to Service Manual procedure [10403002](#)), and then skip to step 11.
- If the center spine applique stays sealed on the roof, continue to the next step.

9. Remove the vacuum cup from the center spine applique.

10. Repeat steps 7, 8, and 9 on the rear end of the center spine applique (Figure 5).



**Figure 5 – Shown with vacuum cup for Service Centers; Mobile Service similar**

11. Allow the adhesive to dry for 1 hour before returning the vehicle to the customer, if necessary.