

 Tesla, Inc. Service Bulletin		<h2>Inspect Dash Crossmember for Presence of a Crack</h2>	
SB-24-10-007 September 27, 2024			
Classification		Section/Group	Mobile Service
Campaign Bulletin		10 - Body	Cannot Perform
			Configuration
			All
Model	Model Year	Country/Region	Build Location
Model Y	2024	Europe, Middle East	Giga Berlin
<small>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.</small>			

This campaign bulletin addresses a non-safety-related condition and provides recommended technical diagnosis and repair procedures. Apply this procedure to the applicable vehicles.

Condition

On some Model Y vehicles built at Giga Berlin, there may be a crack in the dash crossmember that allows for corrosion and water ingress into the vehicle interior. The crack does not impact the structural integrity of the vehicle.

Correction

Inspect the vehicle for symptoms related to the condition. If symptoms are present, apply a butyl patch to the dash crossmember to cover the crack.

Correction Description	Correction	Time
Inspect Dash Crossmember - No Crack Found	S012410007	0.48
Inspect Dash Crossmember - Crack Found And Covered With Butyl Patch	S022410007	0.54
Inspect Dash Crossmember - Crack Found - Beyond Rework Criteria	S032410007	0.48

	Part Number	Description	Quantity
Parts Required	1004969-00-A	BUTYL FOIL, 300x150, 2MM THICK	1
	<small>This part numbers was current at the time of publication. Use the revision listed or later, unless otherwise specified in the Parts Catalog.</small>		
Special Tools	1706381-00-A	CORDLESS HEAT GUN	
	1465974-00-A	TOOL, PRESSURE ROLLER	
Shop Supplies	IPA Wipes		

Inspection

1. Prepare the vehicle for lifting on a 2-post lift, but do not raise the vehicle yet (refer to Service Manual procedure [10000125](#)).
2. Power off the vehicle through the touchscreen.
3. Remove the HEPA filter assembly (refer to Service Manual procedure [18105401](#)).
4. Perform the vehicle HV disablement procedure (refer to Service Manual procedure [17010000](#)).
5. Remove the front aero shield panel (refer to Service Manual procedure [12030102](#)).
6. Release the clips (x3) that attach the A/C compressor HV harness to the dash crossmember (Figure 1).



Figure 1

7. Inspect the dash crossmember for the presence of a crack at the indicated location (refer to Figures 2 - 4).

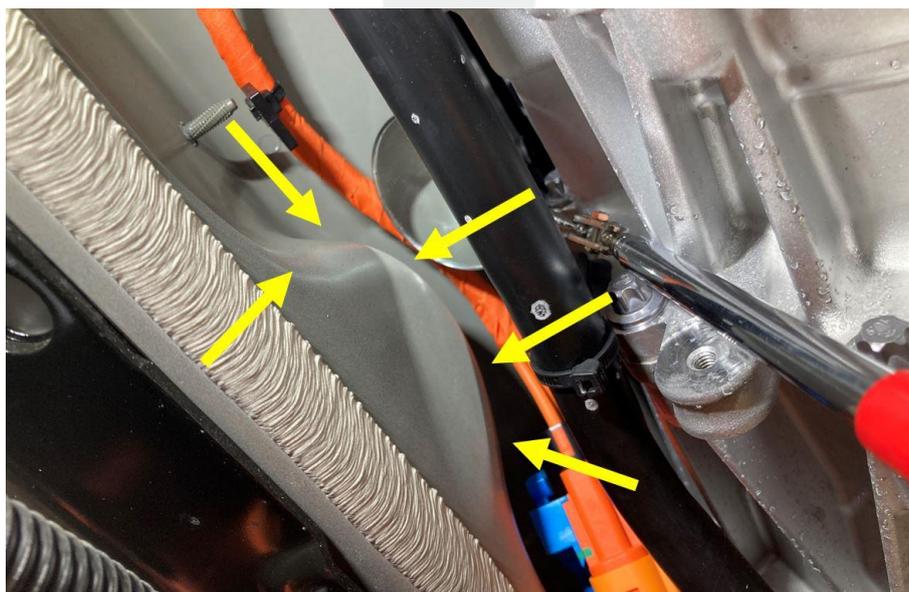


Figure 2 – Inspection area



Figure 3 – Minor crack

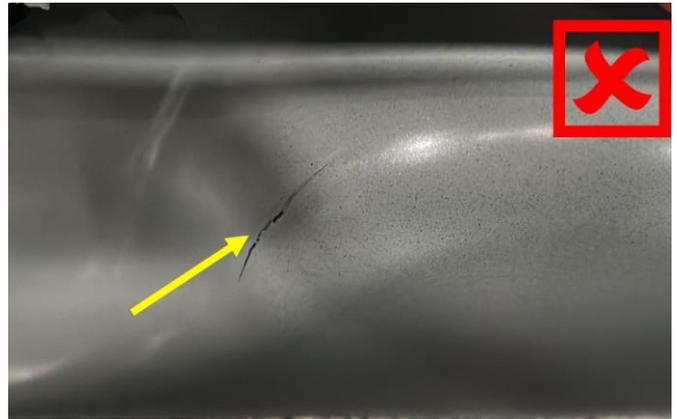


Figure 4 – More severe crack

NOTE: Inspect the affected area for a crack using both touch and visual inspection. Move your hand around the dome and move the HV cable aside, if needed. The use of a small inspection mirror and flashlight may aid in identifying the crack.

8. Assess the inspection result:

- If no crack is found, reinstall all parts previously removed, and then discontinue this procedure. Use correction code S012410007.
- If a crack is found that has a length of less than 60 mm and the furthest end of the crack is within 80 mm from the dash crossmember center line (Figure 5), continue to the [Rework Procedure](#).
- If a crack is found that has a length of more than 60 mm and/or the crack extends beyond 80 mm from the dash crossmember center line (Figure 5), contact EMEAServiceCampaignsCompliance@tesla.com for further advice. Use correction code S032410007.

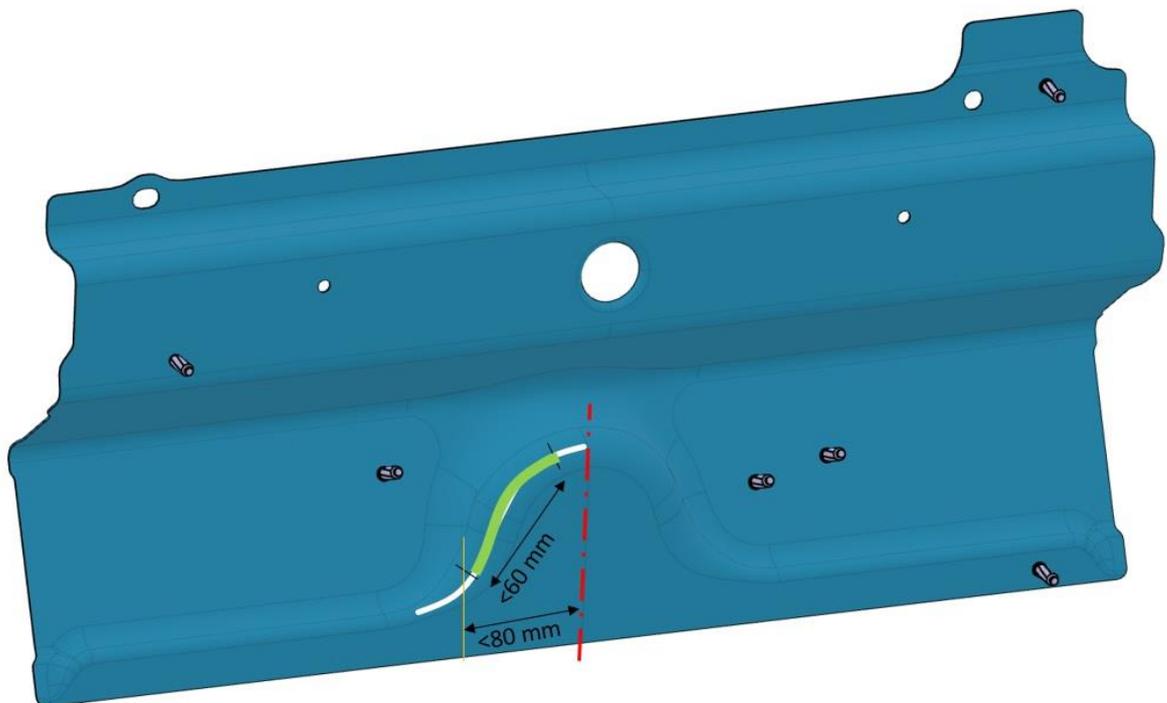


Figure 5 – Crack area boundaries on crossmember dash panel

Rework Procedure

1. Use IPA wipes to clean the affected area of the crossmember dash panel and allow 1 minute to dry.
2. Cut a piece of butyl foil of approximately 40 mm wide with a length that equals the length of the crack + 30 mm.
3. Peel of the backing of the butyl foil (Figure 6), and then use a heat gun to slightly warm up the adhesive side of the butyl patch (Figure 7).

⚠ WARNING: Wear appropriate Personal Protective Equipment when using the heat gun.

⚠ CAUTION: Do not use excessive heat, only slightly warm up the butyl patch.



Figure 6



Figure 7

4. Apply the butyl patch to the affected area on the dash crossmember (Figure 8), and then use a pressure roller to wet out the adhesive.

📄 NOTE: Make sure to cover the crack fully and equally.

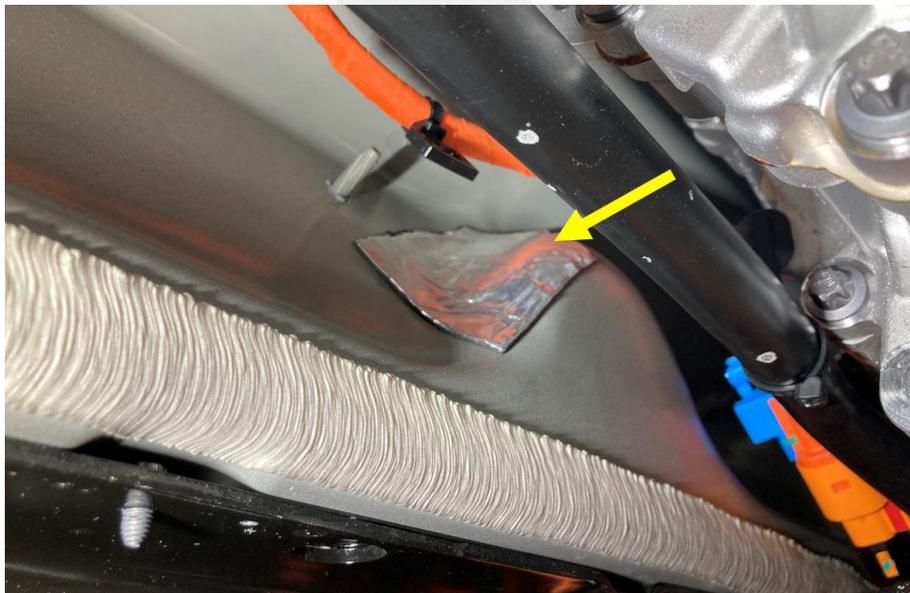


Figure 8

5. Install the clips (x3) that attach the A/C compressor HV harness to the dash crossmember (Figure 9).



Figure 9

6. Install the front aero shield panel (refer to Service Manual procedure [12030102](#)).
7. Install the HEPA filter assembly (refer to Service Manual procedure [18105401](#)).
8. Install the HV probe cover (refer to Service Manual procedure [16101602](#)).
9. Install the 2nd row seat cushion (refer to Service Manual procedure [13051002](#)).
10. Use correction code S022410007.