

 Tesla, Inc. Service Bulletin		<h2><i>Inspect and Rework Front Aero Shield</i></h2>	
SB-24-12-009 November 29, 2024			
Classification		Section/Group	Mobile Service
Repair Bulletin		12 - Exterior Fittings	Cannot Perform
Model	Model Year	Country/Region	Build Location
Model 3	All	EMEA	Giga Berlin, Giga Shanghai
Model Y	All		
<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>			

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

Condition

On some Model Y and Model 3 vehicles with a rigid front aero shield, the front aero shield may be slightly deformed/warped, resulting in interference between the aero shield and the lower lateral links, which causes squeaking noises when driving over a speed bump or other irregularity in the road.

Correction

Inspect the vehicle for symptoms related to the condition. If symptoms are present, rework the front aero shield.

Correction Description	Correction	Time
SB-24-12-009 Not Applicable	S012412009	0.00
Inspect Front Aero Shield For Interference With Front Lateral Link: No Signs Of Contact Found	S022412009	0.06
Inspect Front Aero Shield For Interference With Front Lateral Link: Signs Of Contact Found And Aero Shield Reworked	S032412009	0.24

Inspection

Inspect the front aero shield and front lateral links for signs of contact with the LH and/or RH front lateral link (Figure 1).



Figure 1 – Signs of contact between front lateral link and aero shield

- If no signs of contact are found, discontinue this procedure and use correction code S022412009.
- If signs of contact are found, continue with the rework procedure.

Rework Procedure

1. Use a paint pen to mark the width of the LH and RH front lateral link on the front aero shield (Figure 2).



Figure 2 – LH side shown, RH side similar

2. Remove the front aero shield, refer to Service Manual Procedure:

- 12030102 - [Model 3, Model Y Non-Structural Pack](#)
- 12030112 - [Model Y Structural Pack](#)
- 1203010022 - [2024+ Model 3](#)

3. Cut out the reinforcement area of the front aero shield between the marked point (Figure 3).
 - a. Use a side cutting plier to cut the material at the marked points
 - b. Use a combination plier to remove the remaining material between the marked points

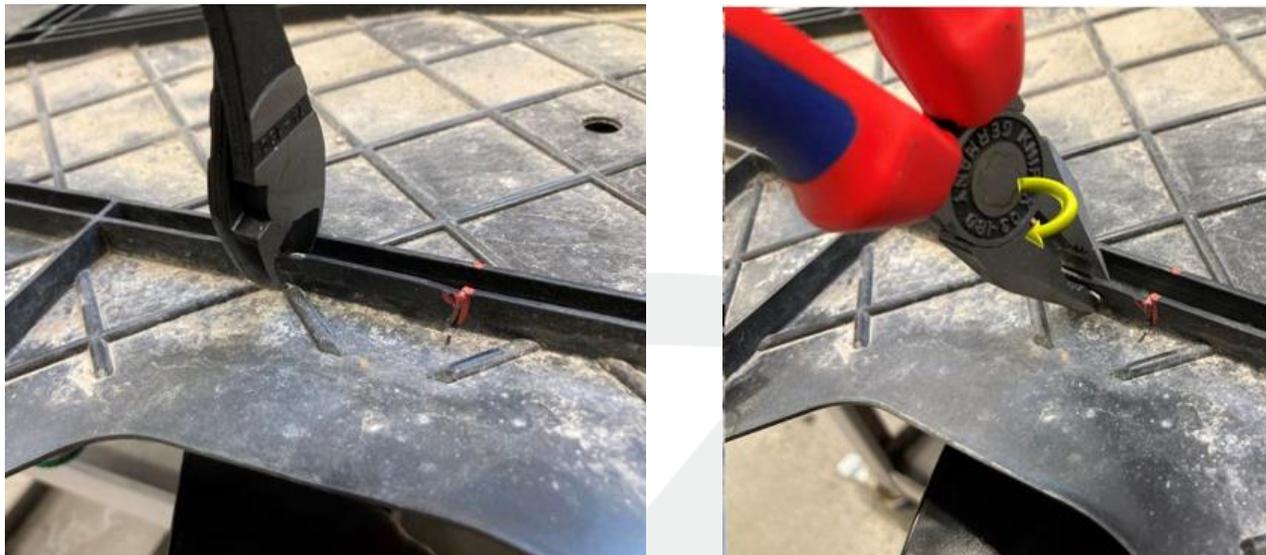


Figure 3

4. Reinstall the front aero shield, refer to Service Manual Procedure:
 - 12030102 - [Model 3](#), [Model Y Non-Structural Pack](#)
 - 12030112 - [Model Y Structural Pack](#)
 - 1203010022 - [2024+ Model 3](#)
5. Use correction code S032412009