



Tesla, Inc.
Service Bulletin

Replace Front and Mid Aero Shield Panels

SB-19-12-001
September 25, 2019 **R1**

Classification		Section/Group	Mobile Service
Repair Bulletin		12 - Exterior Fittings	N/A
Model Year	Model	Country/Region	Version
2017 - 2018	Model 3	United States, Canada	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.

This Service Bulletin supersedes SB-19-12-001, dated 19-Jan-19. 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 some Model 3 vehicles, the front and/or mid aero shield panels might be susceptible to damage when driving through standing water. This can result in damaged or missing panels. Updated panels are available which have a more robust design than the original panels.

Correction

Upon customer complaint, or if the vehicle is already on a lift, inspect the panels to confirm the condition described. If a panel is determined to be water damaged, or if a panel is missing, replace both panels with updated parts.

Correction Description	Correction	Time
SB-19-12-001 Not Applicable	S011912001	0.00
Inspect Front And Mid Aero Shield Panels; No Water Damage Found	S021912001	0.10
Inspect Front And Mid Aero Shield Panels, Water Damage Found, Replace Both Panels	S031912001	0.35
Inspect Front And Mid Aero Shield Panels, Water Damage Found, Replace Both Panels (Vehicle Already On Lift)	S041912001	0.25
Inspect Front And Mid Aero Shield Panels; No Water Damage Found (Vehicle Already On Lift)	S051912001	0.05

	Part Number	Description	Quantity
Parts Required	1104312-00-B	M3 FRONT AERO, LWRT	1
	1104313-00-B	M3 MID AERO, LWRT	1
	1083017-00-A	BOLT&WSHR,HX,M6x18,STL[88],ZNNI[BLK],MAT	As required
	1139785-00-A	BOLT,HF,M6-1.0x21[88],G1009[B],MAT	As required

These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the [Parts Catalog](#).

Shop Supplies THREADLOCKER, LOCTITE 222, PURPLE

Procedure

1. Verify that the vehicle VIN is on the affected vehicle list and is subject to this bulletin.
 - If the vehicle VIN is not on the affected vehicle list, the vehicle does not qualify for this bulletin. Discontinue the procedure.
 - If the vehicle VIN is on the affected vehicle list, continue to the next step.
2. Raise the vehicle (if not already on a lift) and inspect the front and mid aero shield panels for the type of damage, if any.
 - If either the front or mid aero shield panel is missing, replace both panels.
 - Object-contact damage is evident from panel abrasion (Figure 1), sheared fasteners (Figure 2), or wear through (Figure 3).


 **NOTE:** Object-contact damage is not covered under warranty and is customer pay.



Figure 1 – Panel Abrasion; Not Covered



Figure 2 – Sheared Fasteners; Not Covered



Figure 3 – Wear Through; Not Covered

- Water-induced damage is evident from panel tearing at fastener locations (Figure 4), panel folding at leading edges (Figure 5), or panel separation at leading edges (Figure 6), all without evidence of object-contact.



Figure 4 – Panel Tearing at Fasteners; Replace Panels



Figure 5 – Panel Folding at Leading Edge; Replace Panels



Figure 6 – Panel Separation At Leading Edge; Replace Panels

NOTE: If object-contact damage is adjacent or integral to what *might* be water-induced damage, for example, severe abrasion next to a torn panel at a fastener (Figure 7), consider the damage is from object-contact, and is not covered by this bulletin.



Figure 7 – Object-contact; Not Covered

15. If after inspection:

- Both panels are present and not damaged, lower the vehicle and discontinue this procedure.
- Either panel has object-contact damage (which is not covered by this bulletin), discontinue this procedure and inform the customer of the following:
 - The extent of damage, and advise or recommend replacement
 - That such damage is not covered by warranty, and that replacement is customer pay
- One or both panels have water-induced damage or are missing, replace both panels (refer to Service Manual procedures 12030102 and 12030502).

