 <b>Tesla, Inc.</b> Service Bulletin		<h2 style="margin: 0;">Components Damaged From Driving Through Standing Water</h2>	
<b>SB-20-12-003</b> July 31, 2020			
<b>Classification</b>		<b>Section/Group</b>	<b>Mobile Service</b>
Repair Bulletin		12 - Exterior Fittings	Cannot Perform
<b>Model Year</b>	<b>Model</b>	<b>Country/Region</b>	<b>Version</b>
2017-2019	Model 3	All	Fremont Factory
<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 noted condition or possible customer concern regarding the operation of Tesla vehicles. These instructions should only be performed by trained professionals.

## Condition

In rare instances, certain components on Model 3 vehicles built at the Fremont Factory before May 21, 2019 might be damaged when driving through standing water on a road or highway with poor drainage or pooling water. In these rare instances, the rear fascia might detach from the vehicle and harnesses and/or body fasteners/mounts might also be damaged. This document clarifies that damage caused during these instances is covered under warranty.

**NOTE:** This document does not change any damage excluded in the New Vehicle Limited Warranty or Used Vehicle Limited Warranty and does not cover damage caused by flood or deep water, including flooding of the High Voltage (HV) battery, or accidents, collisions, intentional abuse, road debris, potholes, driving off-road, normal wear and tear, or any other damage unrelated to the specific above condition. See the New Vehicle Limited Warranty or Used Vehicle Limited Warranty (as applicable) for all specified exclusions.

## Correction

Inspect the vehicle for symptoms related to the condition. If symptoms are present and the vehicle is eligible, replace the rear fascia diffuser with one that has a covered opening for a tow hitch (with improved wade performance), make sure the vehicle is equipped with the updated front aero shield (1104312-00-B or later) and mid aero shield (1104313-00-B or later), and replace or repair any other component that was damaged as necessary.


Correction Description	Correction	Time
SB-20-12-003 Not Applicable	S012012003	0.00
Replace Rear Fascia Diffuser Due To Damage From Driving Through Standing Water	S022012003	0.35
Replace Rear Fascia Diffuser, Front Aero Shield Panel, And Mid Aero Shield Panel Due To Damage From Driving Through Standing Water	S032012003	0.45
Replace Rear Fascia Diffuser And Rear Fascia Due To Damage From Driving Through Standing Water	S042012003	0.70
Replace Rear Fascia Diffuser, Rear Fascia, Front Aero Shield Panel, And Mid Aero Shield Panel Due To Damage From Driving Through Standing Water	S052012003	0.80

	Part Number	Description	Quantity
<b>Required</b>	1135410-00-A	MODEL 3, RR FASCIA, DIFFUSER	1
	1135412-00-A	MODEL 3, RR FASCIA, COVER, TOW	1
<b>If Necessary</b>	1104312-00-B	M3 FRONT AERO, LWRT	1
	1104313-00-B	M3 MID AERO, LWRT	1
	1103035-00-D	MODEL 3, RR FASCIA, LOWER, ASSY	1
	1108905-S1-A	M3 RR FASCIA SVC, SOLID BLACK-PBSB	1
	1108905-S2-A	M3 RR FASCIA SVC, RED MULTI-COAT-PPMR	1
	1108905-S3-A	M3 RR FASCIA SVC, PEARL WHITE MULTI-COAT-PPSW	1
	1108905-S4-A	M3 RR FASCIA SVC, MIDNIGHT SILVER METALLIC-PMNG	1
	1108905-S5-A	M3 RR FASCIA SVC, DEEP BLUE METALLIC-PPSB	1
	1453382-00-A	M3 BODYSIDE LAMP CONNECTOR GASKET	2
	1453381-00-A	M3 BODYSIDE LAMP T-STUD GASKET	4
	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. Raise the vehicle (refer to Service Manual procedure [10000205](#)).
  2. Inspect the vehicle to assess the damage and determine the root cause:
    - If a) it is determined that the damage was not caused by driving through standing water on a road or highway with poor drainage or pooling water; or b) one or more of the exclusions mentioned in the Condition section exists, document the damage with photographs and attach them to the Toolbox session. Discontinue this procedure and inform the customer that the damage is not covered under warranty.
    - If it is determined that the damage occurred due to driving through standing water on a road or highway with poor drainage or pooling water and none of the exclusions mentioned in the Condition section exists, continue this procedure.
  3. If the front aero shield and mid aero shields are missing or if the vehicle was built before approximately November 28, 2018 and is still equipped with the first generation front and mid aero shields (1104312-00-A, 1104313-00-A) then install a new front aero shield and mid aero shield.
    - Front aero shield: refer to Service Manual procedure [12030102](#)
    - Mid aero shield: refer to Service Manual procedure [12030502](#)
  4. Replace the rear fascia diffuser with one that has a covered opening for a tow hitch (refer to Service Manual procedure [12030802](#)).
-  **NOTE:** Even though both versions of the rear fascia diffuser (those with a tow hitch cover and those without a tow hitch cover) have passed internal testing requirements, internal testing has shown that rear fascia diffusers with a tow hitch cover have slightly better wade performance.
5. Install the tow cover in the new rear fascia diffuser (refer to Service Manual procedure [12302202](#)).
  6. Inspect the rear fascia, lower rear fascia, electrical harnesses, and the surrounding body components and trim for damage. Replace or repair the components and trim as necessary.