 <b>Tesla, Inc.</b> Service Bulletin		<b><i>Inspect Electric Parking Brake (EPB) Case Housing for Damage</i></b>	
<b>SB-20-33-002</b> December 22, 2020			
<b>Classification</b>		<b>Section/Group</b>	<b>Mobile Service</b>
Campaign Bulletin		33 - Brakes	Can Perform Inspection Only (where permitted)  Cannot Perform Repair If Damaged
<b>Model Year</b>	<b>Model</b>	<b>Country/Region</b>	<b>Version</b>
2017 - 2019	Model 3	All	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>			

Campaign Bulletin: This campaign bulletin addresses a known non-safety-related condition and provides recommended technical diagnosis and repair procedures. Apply this procedure to all vehicles in the affected VIN list.

## Condition

Certain Model 3 vehicles may have sustained damage to the Electric Park Brake (EPB) housing during the vehicle assembly process.

## Correction

Inspect the vehicle for symptoms related to the condition. If symptoms are present, replace the affected rear brake caliper(s).

Correction Description	Correction	Time
SB-20-33-002 Not Applicable	S012033002	0.00
Inspect Electric Parking Brake Case Housings For Damage; No Damage Found On Both Rear Brake Calipers	S022033002	0.05
Inspect Electric Parking Brake Case Housings For Damage; Replace LH Rear Brake Caliper, And No Damage Found On RH Rear Brake Caliper	S032033002	0.75
Inspect Electric Parking Brake Case Housings For Damage; Replace RH Rear Brake Caliper, And No Damage Found On LH Rear Brake Caliper	S042033002	0.75
Inspect Electric Parking Brake Case Housings For Damage; Replace LH And RH Rear Brake Calipers	S052033002	1.15

	Part Number	Description	Quantity
<b>Parts Required (If Necessary)</b>	1044624-00-H	BRAKE CALIPER, GREY, REAR-RIGHT	0-1
	1044623-00-H	BRAKE CALIPER, GREY, REAR-LEFT	0-1
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>	1134520-00-A	Kit, EPB Release, Handheld	
	1129348-00-A	XP-10 Power Supply, XP-10	
	1054715-01-A	Brake System Servicing Equipment	
	1079041-00-A	Flare Nut Crowfoot Set	
	1080578-00-B	Adapter, Brake Bleeder, PowerProbe TS04	
	1086618-01-A	Catch Bottle	

## Procedure

1. Make sure that the vehicle is in Park.
2. On the vehicle touchscreen, make sure that no EPB-related alerts are displayed.
  - If any alerts are present, discontinue this procedure and diagnose further.
  - If no alerts are present, continue to the next step.
3. With the vehicle safely on level ground, inspect the LH EPB case housing for damage. Pay special attention to the portion of the EPB case housing near the electrical connector (Figure 1).



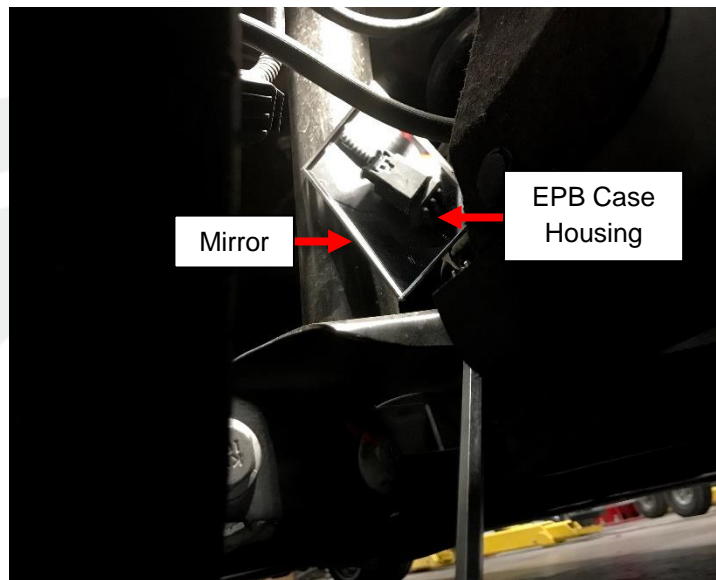
**✘ Figure 1 – Damage to the EPB case housing**

- a. Put an exterior light such as a flashlight behind the LH rear wheel and aim towards the brake caliper.
- b. Turn on the exterior light.

- c. Use a mirror to inspect the LH EPB case housing for cracks or damage (Figure 2), including hairline cracks that could allow water intrusion into the case housing. In addition, carefully run your hand along the EPB case housing to ensure that the case housing is undamaged.

**⚠ CAUTION:** The rear brake caliper may be hot to the touch. Wait a few moments for the caliper to cool down before continuing.

- If the LH EPB case housing is undamaged, continue to the next step.
- If the LH EPB case housing is damaged, replace the LH rear brake caliper (refer to Service Manual procedure [33010502](#)), and then continue to the next step.



**Figure 2**

4. Remove the exterior light from the LH rear wheel well.
5. Repeat steps 3a–3c for the RH EPB case housing.