 Tesla, Inc. Service Bulletin		<h2>Replace Both Side Repeater Cameras</h2>	
SB-22-17-004 March 3, 2022			
Classification		Section/Group	Mobile Service
Campaign Bulletin		17 - Electrical	Can Perform (where permitted)
Model Year	Model	Country/Region	Build Location
2020	Model S, Model X, Model 3	All	Fremont
<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


On certain Model S, Model X, and Fremont-built Model 3 vehicles, the Printed Circuit Board (PCB) for the LH and RH side repeater cameras may lose electrical continuity over time, resulting in premature failure of the cameras.

Correction

Replace the LH and RH side repeater cameras.

Correction Description	Correction	Time (Model S)	Time (Model X)	Time (Model 3)
Replace LH And RH Repeater Cameras Due To Premature Future Failure	S012217004	0.20	0.10	0.30

Part Number	Description	Quantity
Parts Required		
Model S or Model X		
1642010-00-A	LAMP ASY, SIDE REPEATER CAMERA, LH	1
1642011-00-A	LAMP ASY, SIDE REPEATER CAMERA, RH	1
Model 3		
1495864-20-C or 1495864-20-D	M3 LAMP ASY, SIDE REPEATER CAMERA (LH)	1
1495865-20-C or 1495865-20-D	M3 LAMP ASY, SIDE REPEATER CAMERA (RH)	1
If Needed		
Model 3		
1514877-01-C	SIDE REPEATER TRIM - CHROME AERO RIB, LH	1
1514878-01-C	SIDE REPEATER TRIM - CHROME AERO RIB, RH	1


 **NOTE:** 1495864-20-C, 1495864-20-D, 1495865-20-C, or 1495865-20-D comes with the aero rib trim in carbon black. Order the chrome aero ribs if the old side repeaters have chrome aero rib trims.

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 Masking tape

Procedure

1. Replace the LH repeater camera (refer to Service Manual procedure 17403002; [Model S](#), [Model X](#), [Model 3](#)).

 **NOTE - Model 3 Only:** The new side repeater camera aero rib trim comes in carbon black. If the vehicle currently has a chrome aero rib trim, replace the carbon black trim on the new camera with chrome:

- a. Carefully insert a trim tool under the rear edge of the trim, and then separate it from the camera (Figure 1).
- b. Align the top of the new trim onto the camera, and then apply equal pressure to fully attach the trim onto the camera.



Figure 1

2. Go back and perform step 1 on the RH side repeater camera.