TESLA	Tesla, Inc. Service Bulletin		Replace Both Side Repeater Cameras			
SB-22-17-004						
March 3, 2022						
Classification			Section/Group	Mobile Se	rvice	Configuration
Campaign Bulletin		17 - Electrical	Can Perforr permitted)	n (where	All	
Model Yea	ar Model		Country/Region	Build Loca	Build Location	
2020	Model S, M	lodel X,	All	Fremont	Fremont	
	Model 3					
	d model year(s) listed his bulletin for a particu		al approximation of the affected VIN li	st. Refer to the VIN/Bulletin Tra	acker or Custor	mer/Vehicle profile to determine

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	1642010-00-A 1642011-00-A	Model S or Model X LAMP ASY, SIDE REPEATER CAMERA, LH LAMP ASY, SIDE REPEATER CAMERA, RH	1 1
	1495864-20-C or 1495864-20-D	<b>Model 3</b> 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	1514877-01-C 1514878-01-C	<b>Model 3</b> SIDE REPEATER TRIM - CHROME AERO RIB, LH SIDE REPEATER TRIM - CHROME AERO RIB, RH	1 1
		<b>NOTE:</b> 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 <u>Parts Catalog</u>.

Shop Supplies Masking tape

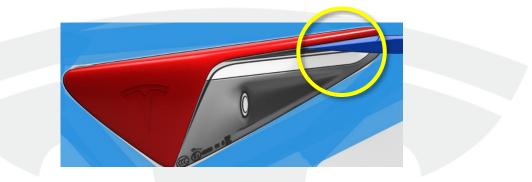
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## Procedure

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 cabon 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.





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

