 Tesla, Inc. Service Bulletin		Replace RH Repeater Camera		
SB-21-17-007 December 8, 2021				
Classification		Section/Group		Mobile Service
Campaign Bulletin		17 - Electrical		Can Perform (where permitted)
Model Year	Model	Country/Region		Version
2020	Model S, Model X, 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


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

Correction

Replace the RH repeater camera.

Correction Description	Correction	Time (Model S)	Time (Model X)	Time (Model 3)
Replace RH Repeater Camera To Premature Future Failure	S012117007	0.10	0.05	0.15

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


 **NOTE:** 1495865-20-C or 1495865-20-D comes with the aero rib trim in carbon black. Order this part if the vehicle has a chrome aero rib.

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

Replace the RH 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:

1. Carefully insert a trim tool under the rear edge of the trim, and then separate it from the camera (Figure 1).
2. 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