

 Tesla, Inc. Service Bulletin		<h2>Replace Front Body Controller Module Grounding Screws</h2>	
SB-21-17-002 February 04, 2021			
Classification		Section/Group	Mobile Service
Repair Bulletin		17 - Electrical	Can Perform (where permitted)
Model Year	Model	Country/Region	Version
2019 - 2020	Model Y	North America	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>			

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

The grounding path conductivity for some Model Y front body controller modules might cause the vehicle touchscreen to display an erroneous “Hood latch sensor requires service” message. This condition will not affect any functions of the frunk latch.

Correction

Upon customer complaint of a “Hood latch sensor requires service” message, inspect the vehicle for symptoms related to the condition. If symptoms are present, replace the front body controller module grounding screws with updated components.

Correction Description	Correction	Time
SB-21-17-002 Not Applicable	S012117002	0.00
Inspect For Alert, Grounding Screw Replacement Not Necessary	S022117002	0.05
Inspect For Alert, Replace Front Body Controller Module Grounding Screws	S032117002	0.65

Part Number	Description	Quantity
Parts Required 1104653-00-B	BOLT,PF,M3x12,STL[109],ZN,ADH	5
1628903-00-A	WSHR,SEAL,M3,3.2X7.4X1,AL	5
1447438-00-A	BOLT,HF,M6x20,[88],SNZN	1
1137934-00-C	BOLT,HF,M6x16,[109],G0109,ADH,MAT	2

These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the [Parts Catalog](#).

Procedure

- Check the vehicle logs for a recent “VCFRONT_a391_frunkLatchSwitchFault” alert.
 - If the alert is not present, discontinue this procedure as the bulletin does not apply.
 - If the alert is present, continue to the next step.
- Check the vehicle logs for a recent cracked alert “VCFRONT_a391_switch1Shorted” or “VCFRONT_a391_switch2Shorted” with a non-zero voltage.
 - If neither specific cracked alert is present, discontinue this procedure as the bulletin does not apply.
 - If either specific cracked alert is present, continue to the next step.
- Remove the front body controller module (refer to Service Manual procedure [17152912](#)).

4. Remove and discard the screws (x5) that enable grounding from within the front body controller module (Figure 1).



Figure 1

5. Install a new washer onto each new replacement screw, and then install the replacement screw-washer pairs (x5) into the front body controller module (Figure 1) (torque 1.5 Nm).
6. Install the front body controller module (refer to Service Manual procedure [17152912](#)).

NOTE: Because the controller module removed is the same being installed, the Toolbox 3 routine and headlight adjustment are not necessary.