		Tesla, Inc. Service Bulletin		<i>Install Occupant Classification System (OCS) Filter Module</i>	
SB-19-20-003 September 21, 2020		R2			
Classification		Section/Group		Mobile Service	
Repair Bulletin		20 - Safety and Restraint		Can Perform (where permitted)	
Model Year	Model	Country/Region		Version	
2017-2020	Model 3, Model Y	All		All	
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.					

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.

This Service Document supersedes SB-19-20-003 R1, dated 28-Apr-20. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.

Condition

On some Model 3 and Model Y vehicles, the Occupant Classification System (OCS) signal might be affected by electrical interference in the seat harness, causing the airbag indicator to display on the touchscreen.

Correction

Inspect the vehicle for symptoms related to the condition. If symptoms are present, install an OCS filter module to the front passenger seat harness.

Correction Description	Correction	Time
SB-19-20-003 Not Applicable	S011920003	0.00
Install Occupant Classification System (OCS) Filter Module	S021920003	0.15

Part Number	Description	Quantity
Part Required 1479982-00-C	SERVICE KIT - OCS REWORK	1
This part number was current at the time of publication. Use the revisions listed or later, unless otherwise specified in the Parts Catalog .		

Shop Supplies Felt tape

Procedure

1. Move the front passenger seat fully rearward and upward.
2. Disconnect 12V power (refer to Service Manual procedure 17010200; [Model 3](#), [Model Y](#)).

3. Locate the OCS module underneath the front passenger seat towards the front, and then disconnect the seat electrical harness from the OCS module electrical connector (Figure 1).

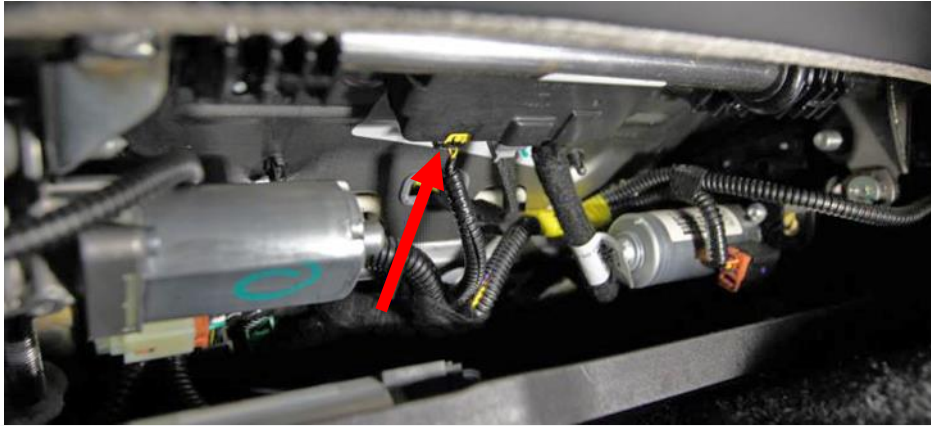


Figure 1

4. Connect the seat electrical harness to the OCS filter module electrical connector (Figure 2).

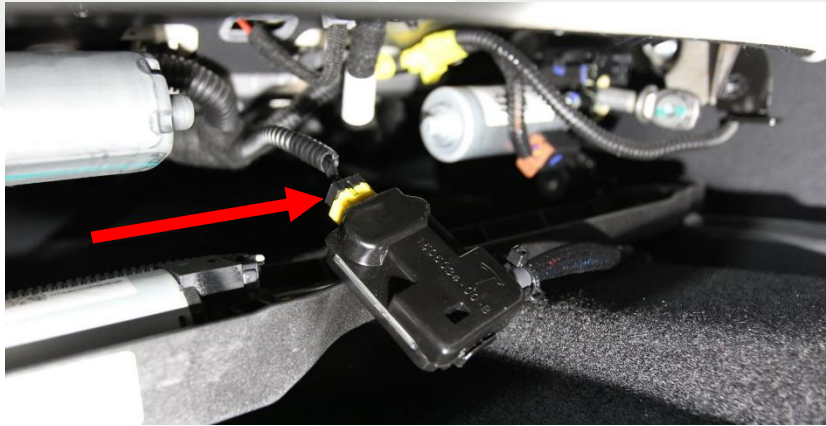


Figure 2

5. Release the strap that attaches the lower seat upholstery to the seat frame (Figure 3).

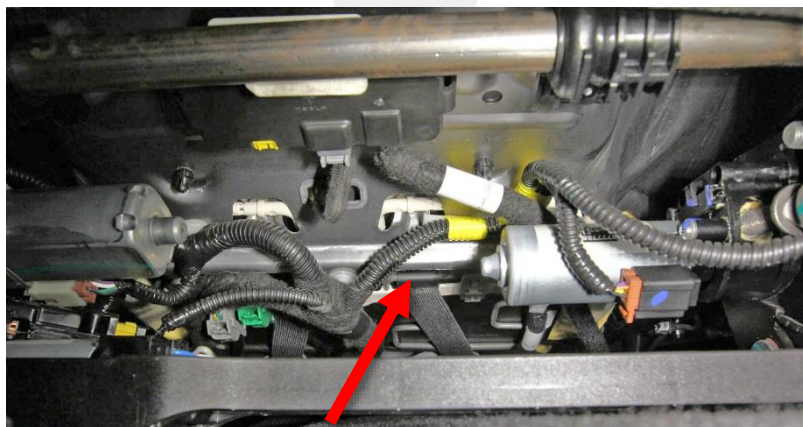


Figure 3

6. Attach the OCS filter module to the bottom of the seat and secure it with the clip (Figures 4 – 6).

TIP: Slide the tab of the OCS filter module over the white bar before securing the clip.

NOTE: Make sure the seat electrical harnesses are properly routed so that there is no tension in the cables.

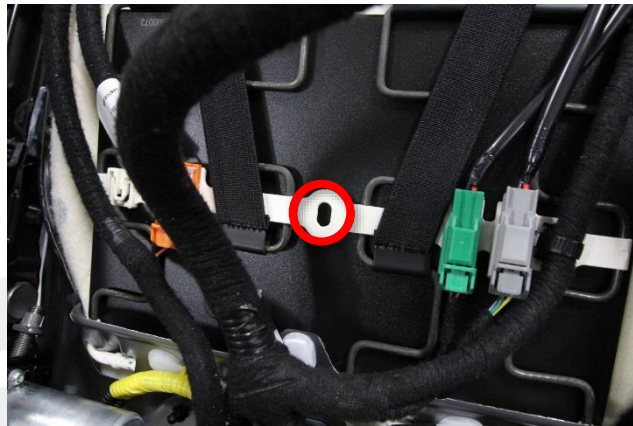


Figure 4



Figure 5

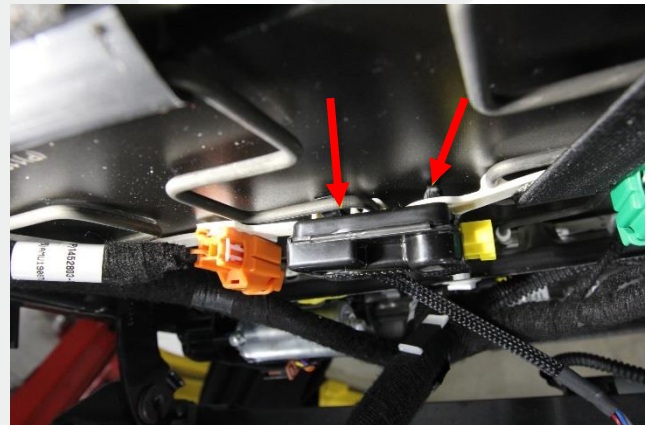


Figure 6

7. Secure the lower seat upholstery strap to the seat frame (Figure 3).

8. Route the OCS filter module electrical harness between the existing seat electrical harness and the bottom of the seat, and then connect the OCS filter module electrical harness to the OCS module connector (Figure 7).



Figure 7

9. Position the seat heater electrical harness into one half of the ferrite, and then clamp the other half of the ferrite closed (Figure 8).



Figure 8

10. Completely wrap the ferrite and seat heater electrical harness together with felt tape to prevent NVH issues (Figure 9).

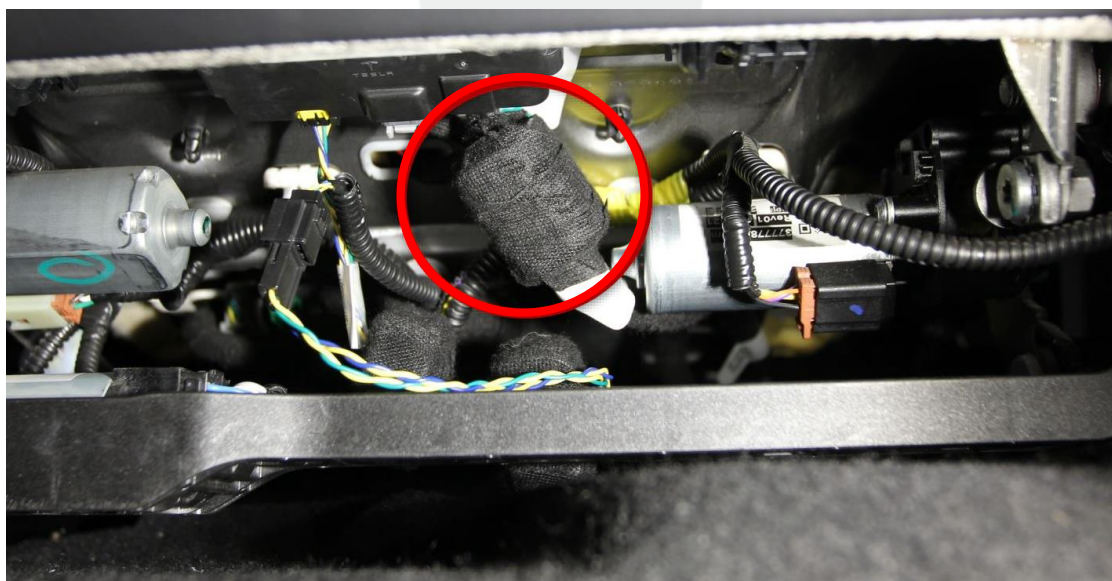


Figure 9

11. Reconnect 12V power (refer to Service Manual procedure 17010200; [Model 3](#), [Model Y](#)).
12. Restore the front passenger seat to its original position.