



Install Seat Harness Extension and Ferrite Filter to Eliminate Electrical Interference

Classification	Repair Bulletin	Section/Group	20 - Safety and Restraint	Country/Region	United States, Canada
Year	2017-2019	Model	Model 3	Version	All

Bulletin Classification: This repair bulletin provides instructions and guidelines for a noted condition or a customer concern. The information provided can address a broad range of known or perceived issues with the operation of Tesla vehicles. This bulletin might not be VIN-specific. These instructions assume knowledge of motor vehicle and high voltage electrical component repairs, and should only be executed by trained professionals. Tesla assumes no liability for injury or property damage due to a failure to properly follow these instructions or repairs attempted by unqualified individuals.

Condition

On some Model 3 vehicles, the Occupant Classification System (OCS) frequency might be out of range because of electrical interference on the front passenger 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 a seat harness extension and add a ferrite filter to the front passenger seat harness.

Correction Description	Correction	Time
SB-18-20-005 Not Applicable	S011820005	0.00
Install Seat Harness Extension And Add Ferrite Filter	S021820005	0.15

Required Part:	Part Number	Description	Quantity
	1479982-00-A	SERVICE KIT - OCS REWORK	1
Shop supplies: Felt tape These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the Parts Manual.			
Special Tool(s):	1108272-00-B	Logic connector cap	

Procedure

1. Remove the 2nd row lower seat cushion (refer to Service Manual procedure 13051002).
2. Move the front passenger seat fully rearward and fully upward.
3. Disconnect 12V power (refer to Service Manual procedure 17010200).
4. Locate the OCS module underneath the front passenger seat towards the front, and then disconnect the OCS module electrical connector (Figure 1).

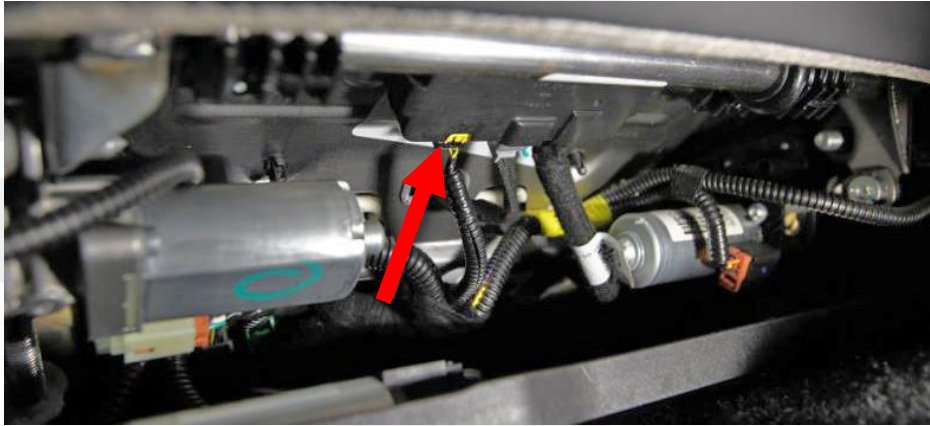


Figure 1

5. Connect the seat harness extension to the OCS module (Figure 2).

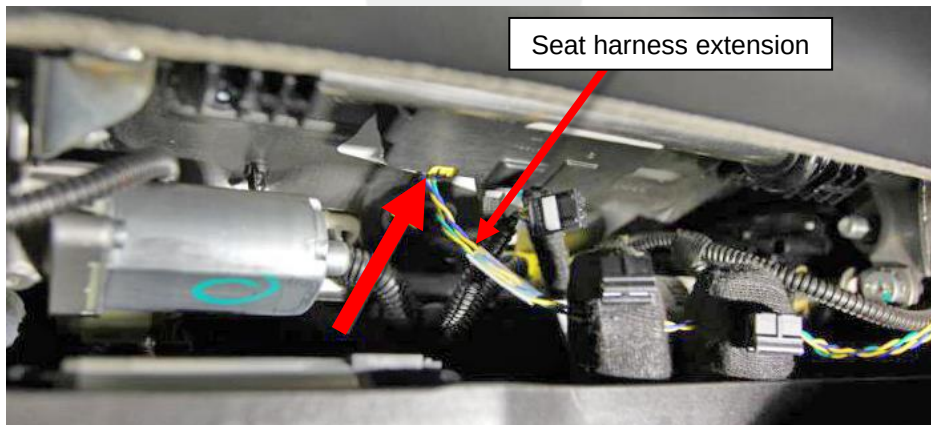


Figure 2

6. Attach the ferrite filter edge clips (x2) from the seat harness extension onto the lower seat cross brace next to the vertical ribs (Figure 3).

⚠ CAUTION: Make sure that there is enough slack in the seat harness extension when the seat is in the fully raised position.

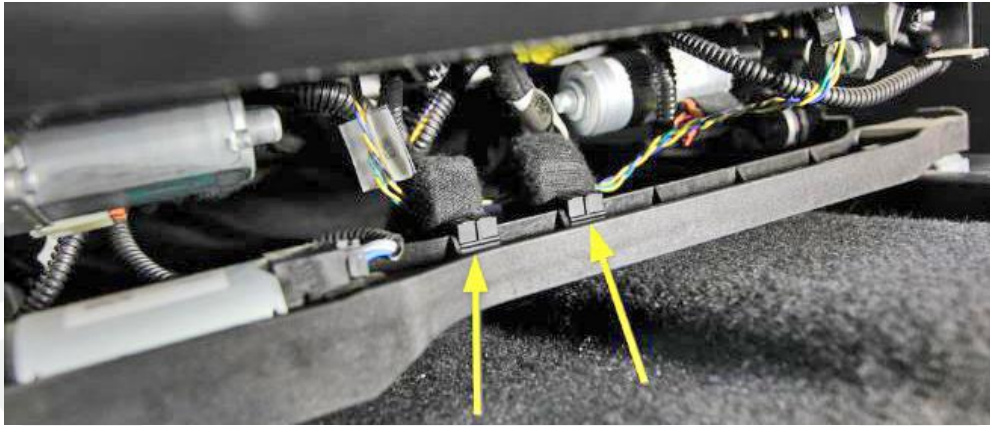


Figure 3

7. Connect the seat harness extension to the front passenger seat harness (Figure 4).

⚠ CAUTION: Do not secure the excess of the seat harness extension length with cable ties as this might cause unintended interference.

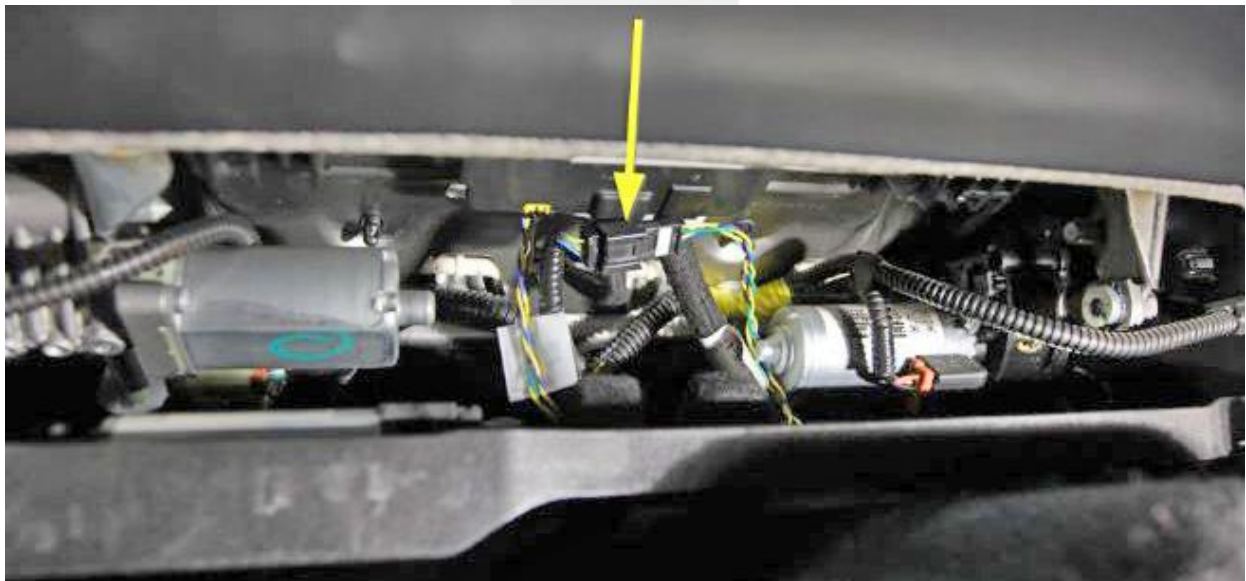


Figure 4

8. Install the ferrite filter onto the front passenger seat heater harness and secure it with clips (x2) (Figure 5).

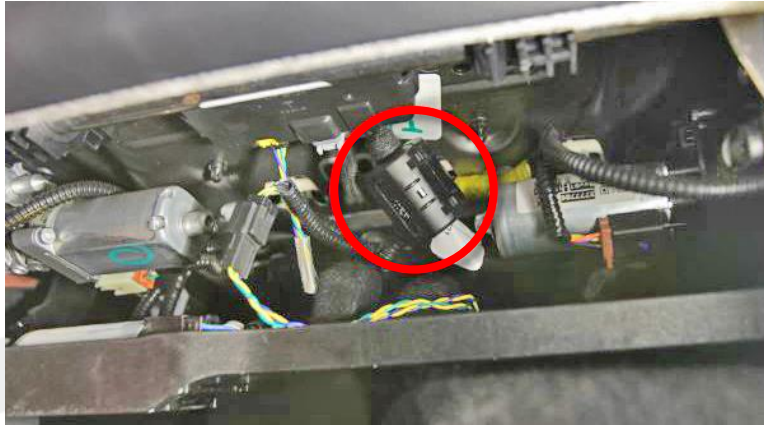


Figure 5

9. Apply felt tape to secure the ferrite filter to the seat heater harness (Figure 6).

NOTE: Make sure to completely cover the ferrite filter with felt tape to eliminate any NVH concerns.

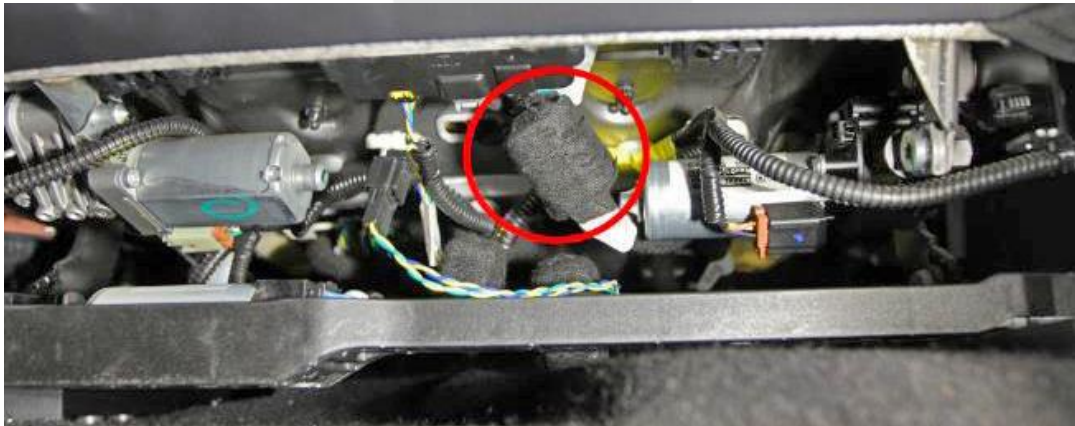


Figure 6

10. Reconnect 12V power (refer to Service Manual procedure 17010200).
11. Install the 2nd row lower seat cushion (refer to Service Manual procedure 13051002).
12. Restore the front passenger seat to its original position.

Affected VIN(s) All Model 3 vehicles.

NOTE: This is a simplified summary 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.

For feedback on the accuracy of this document, email ServiceBulletinFeedback@tesla.com.