



Replace Charge Port Door Assembly Sensor Target

Classification	Repair Bulletin	Section/Group	44 - High Voltage System	Country/Region	United States, Canada
Year	2018	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 sensor target on the charge port door assembly might have fallen off, causing the push-to-open feature on the charge port door to become inoperative. The charge port door can still be operated through the touchscreen, the mobile application, or the charge port handle button.

Correction

Inspect the vehicle for an inoperative push-to-open feature of the charge port door. If the symptom is present, install a new charge port door sensor target.

Correction Description	Correction	Time
SB-19-44-003 Not Applicable	S011944003	0.00
Inspect Charge Port Door; No Sensor Target Replacement Needed	S021944003	0.05
Replace Charge Port Door Sensor Target	S031944003	0.15

Required Part(s):	Part Number	Description	Quantity
	1473503-00-A	SENSOR TARGET ASSY,MCPD,GEN3,M3	1
Shop supplies:			
Isopropyl Alcohol (IPA) wipes			
This part number was 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	Cap, Logic Conn, Inv, 3DU	

Procedure

1. Unlock all doors.
2. Check the charge port door assembly push-to-open operation by pressing the bottom of the charge port door (Figure 1):
 - If the charge port door opens, discontinue this procedure.
 - If the charge port does not open, continue to the next step.

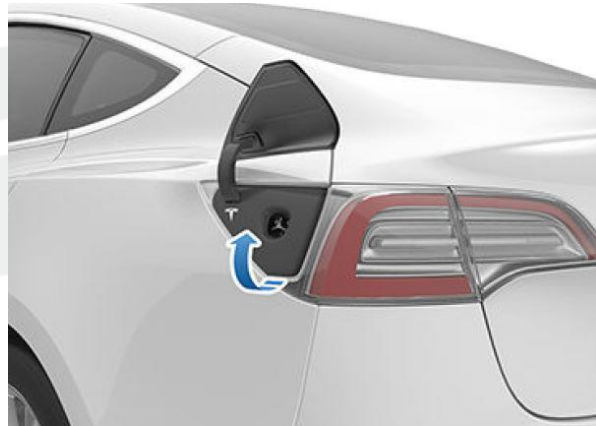


Figure 1

3. Open all doors and lower all windows.
4. Move the driver seat and front passenger seat fully forward.
5. Remove the 2nd row lower seat cushion (refer to Service Manual procedure 13051002).
6. Remove the rear underhood apron (refer to Service Manual procedure 12251102).
7. Open the charge port door through the touchscreen.

8. Disconnect 12V power (refer to Service Manual procedure 17010200).
9. From the inside of the charge port door assembly, clean the sensor target cavity with isopropyl alcohol (IPA) and a clean shop towel (Figure 2). Use only enough alcohol to dampen the towel and wipe the cavity quickly so that the alcohol evaporates from the surface within a few seconds.

⚠ CAUTION: To prevent damage, do not apply the IPA wipe to the exterior surface of the charge port door assembly.



Figure 2

10. Remove the protective backing from the new sensor target.
11. Install the sensor target to the charge port door assembly so that the corners are properly aligned.
12. Press and hold the sensor target for 10 seconds to ensure proper adhesion.

NOTE: Make sure to place the sensor target correctly with the curve of the sensor target towards the center of the charge port door (Figures 3 and 4).



✓ Figure 3



✗ Figure 4

13. Reconnect 12V power (refer to Service Manual procedure 17010200).
14. Make sure that all doors are unlocked.

15. Verify the operation of the charge port door: Press the bottom of the charge port door and confirm that it opens.
16. Position the driver seat and front passenger seat to their original position.
17. Reinstall the rear underhood apron (refer to Service Manual procedure 12251102).

Affected VIN(s) Affected Model 3 vehicles built between approximately March 23, 2018 and October 26, 2018.

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.

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