



Replace Motorized Charge Port

Classification	Campaign Bulletin	Section/Group	44 - High Voltage System	Country/Region	United States, Canada
Year	2014-2015	Model	Model S	Version	Dual Motor

Bulletin Classification: 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 range listed. These instructions assume knowledge of motor vehicle and high voltage electrical component repairs, and should only be executed by trained professionals. Tesla Motors assumes no liability for injury or property damage due to a failure to properly follow these instructions or repairs attempted by unqualified individuals.

This document supersedes SB-15-44-004, dated 20-Apr-15. 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 Dual Motor vehicles, the latch on the motorized charge port does not disengage. This prevents the charge cable from being inserted into the charge port.

Correction

Use Toolbox to test the motorized charge port latch. Replace the motorized charge port with an updated part, if necessary.

Required Part(s):	Part Number	Description	Quantity
		Use one of the following, depending on availability:	
	1026041-88-G	ASY, CHARGEPORT, MDLS, GEN2, US	1
	1026041-99-H	ASY, CHARGEPORT, MDLS, GEN2, US WITH REWORK TO REMOVE ALIGNMENT PIN	1
	1026041-99-J	ASY, CHARGEPORT, MDLS, GEN2, US WITH REWORK TO REMOVE ALIGNMENT PINS	1
	1026041-00-K	ASY, CHARGEPORT, MDLS, GEN2, US	1

These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the Parts Manual.

NOTE: Do not use part numbers 1026041-00-H or 1026041-00-J.

Special Tool(s): 1060988-00-A Service Borescope

Correction Description	Correction	Time
Vehicle Inspection Only; Motorized Charge Port Replacement Not Required	S011544004	0.15
Test Motorized Charge Port Latch	S021544004	0.35
Update Firmware, Test Motorized Charge Port Latch	S031544004	0.65
Test Motorized Charge Port Latch, Replace Motorized Charge Port	S041544004	1.00
Update Firmware, Test Motorized Charge Port Latch, Replace Motorized Charge Port	S051544004	1.30
Test Motorized Charge Port Latch, Test Motorized Charge Port Latch on New Charge Port, Replace Motorized Charge Port	S061544004	1.20
Test Motorized Charge Port Latch, Update Firmware, Test Motorized Charge Port Latch on New Charge Port, Replace Motorized Charge Port	S071544004	1.50

Procedure

1. Remove the LH rear trunk trim (refer to Service Manual procedure 15245002).
2. Use a borescope to identify the revision level on the part number label at the top of the charge port (Figure 1).
 - If the revision is 1026041-00-H or later, reinstall the parts removed for access. No additional work is needed; reinstall the rear trunk trim and discontinue this procedure.
 - If the revision is 1026041-00-G or earlier, continue this procedure.

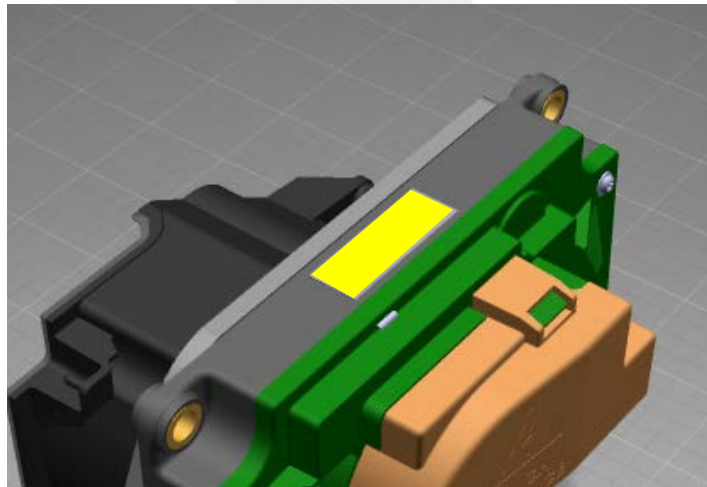



Figure 1 (Part number label highlighted)

3. Connect a laptop with Toolbox 2.0 or later to the vehicle.

NOTE: It is necessary to connect both the diagnostic cable and the Powertrain CAN cable.

4. Perform the “Charge Port Latch Test” (**Panels > Charging > Charge Port Latch Test**).
 - If the test immediately shows a message requesting a vehicle firmware update, stop the test and update the firmware. Run the test again before continuing with this procedure.
 - If the vehicle passes the test, no additional work is needed; reinstall the rear trunk trim and discontinue this procedure.
 - If the vehicle fails the test:
 - a. Remove and discard the charge port (refer to Service Manual procedure 44011602).

- b. Obtain a new charge port. If the part number of the new charge port is 1026041-88-G, connect the harness to the new charge port door motor and run the “Charge Port Latch Test” test again. Discard any parts that do not pass the test.

 **CAUTION:** If the new motorized charge port is part number 1026041-88-G, the “Charge Port Latch Test” must be performed before installing it.

- c. Install the new charge port (refer to Service Manual procedure 44011602).

Affected VIN(s) Affected Dual Motor Model S vehicles built between approximately November 13, 2014 and March 2, 2015.

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@teslamotors.com.