



Retrofit 1st Generation Charge Port or Charge Port Doors in 3-Phase Markets

Classification	Repair Bulletin	Section/Group	44 - High Voltage System	Country/Region	Europe, Middle East, Africa and Asia-Pacific
Year	2012-2016	Model	Model S	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.

This Service Document supersedes SB-18-44-007 R1, dated 28-May-19. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.

1st generation charge ports do not have a motorized charge port door. 1.5 generation charge ports have a motorized charge port door. 1st generation charge port doors are only compatible with 1st generation charge ports. 1.5 generation charge port doors are only compatible with 1.5 generation charge ports.

Use the job lines listed in the applicable section when creating the Repair Order (RO).

Correction Description	Correction	Time
SB-18-44-007 Not Applicable	S011844007	0.0
Remove 1 st Generation Charge Port Door and Charge Port, Retrofit 1.5 Generation Charge Port Door and Charge Port	S021844007	1.0

Required Part(s):	Part Number	Description	Quantity
	1022424-00-C	CHARGE PORT DOOR ASSY ECE 1	1
	1061353-00-F	ELECTRIC VEHICLE INLET ASSEMBLY - EUROPE	1
	1061930-00-B	GEN 1.5 MOTORIZED – CHARGE PORT DOOR ASSEMBLY	1
	1029042-00-A	FELT TAPE	1
If necessary:			
	1008295-00-A	10A FUSE	1
	1467559-00-A	CHARGE PORT RETROFIT KIT	1

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

In Warranty Job Lines

If the vehicle is in warranty, and either the 1st generation charge port or 1st generation charge port door needs replacement:

Job Line 1

Symptom: Remove 1st generation charge port door and charge port, retrofit 1.5 generation charge port door and charge port

Correction Code: 7100001, no labor performed

Parts:

Retrofit Kit: 1467559-00-A

Pay Type: Warranty

Job Line 2

Symptom: Additional items for charge port door and charge port retrofit

Parts:

1061353-00-F- ELECTRIC VEHICLE INLET ASSEMBLY - EUROPE

1061930-00-B - GEN 1.5 MOTORIZED – CHARGE PORT DOOR

Pay Type: Warranty

Out of Warranty Job Lines

For vehicles out of warranty, if the 1st generation charge port door needs replacement, the customer has the option of replacing or retrofitting the charge port door. If the 1st generation charge port needs replacement, retrofit a 1.5 generation charge port. Use the next section of job lines if the customer requests a retrofit.

NOTE: 1st generation charge port doors are only compatible with 1st generation charge ports. 1.5 generation charge port doors are only compatible with 1.5 generation charge ports.

Charge port door:

Job Line 1

Symptom: Remove 1st generation charge port door and replace with 1st generation charge port door

Correction Code: 44012302

Parts:

1022424-00-C CHARGE PORT DOOR ASSY ECE 1

Pay type: Customer Pay

Job Line 2

Symptom: Additional items for charge port door replacement

Parts:

Refer to the Required Parts table

Pay Type: Customer Pre-Paid

Customer Requested Retrofit Job Lines

For vehicles without a component failure, or if a customer requests a retrofit for an out of warranty vehicle, use the job lines listed below.

Charge Port and Charge Port Door Retrofit

Job Line 1

Remove 1st generation charge port and charge port door, replace with 1st generation charge port door and 1.5 generation charge port

Correction Code: S021844007

Parts:

Retrofit Kit: 1467559-00-A

Job Line 2

Symptom: Additional items for charge port replacement

Parts:

1061353-00-F- ELECTRIC VEHICLE INLET ASSEMBLY - EUROPE

1061930-00-B - GEN 1.5 MOTORIZED – CHARGE PORT DOOR

Pay type: Customer Pay

Pay Type: Goodwill

⚠ WARNING: Only technicians who have been trained in High Voltage Awareness are permitted to perform this procedure. Proper personal protective equipment (PPE) and insulating HV gloves with a minimum rating of class 0 (1000V) must be worn any time a high voltage cable is handled. Refer to TN-15-92-003, “High Voltage Awareness Care Points” for additional safety information.

Retrofit Charge Port and Charge Port Door

1. Remove the 1st generation charge port door (refer to Service Manual procedure 44014202).
2. Remove the 1st generation charge port (refer to Service Manual procedure 44012202).
3. Check the [electrical diagram](#) for the vehicle (Cabin Fusebox in location F44):
 - If there is a 5A fuse, install a 10A fuse, and then continue to the next step.
 - If there is a 10A fuse, continue to the next step.

NOTE: A 10A fuse is already in use for vehicles built after May 28, 2015.

4. Install the 1.5 generation charge port (refer to Service Manual procedure 44012502).

5. Install Noise, Vibration, and Harshness (NVH) foam on the connector that attaches the charge port to the charge port door (Figure 1).



Figure 1

6. Install felt tape on the old connector and wire that previously attached to the tail light.

NOTE: The 1.5 generation charge port has its own charging status indication LEDs. The old connector and wire to the tail light has to be isolated to prevent future NVH concerns.

7. Install a 1.5 generation charge port door (refer to Service Manual procedure 44014102).

8. Perform the Toolbox routines listed below:

- Vehicle Firmware Update
- Charge Port Door Sensor Calibration Service

9. Perform a functional check of the 1.5 generation charge port.

Affected VIN(s) Affected Model S vehicles built before approximately April 30, 2016.

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.