



Replace Charge Port Latch Actuator Carrier

Classification	Campaign Bulletin	Section/Group	44 - High Voltage System	Country/Region	United States
Year	2017	Model	Model 3	Version	All

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 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 charge port does not engage with a Supercharger charge cable, preventing the vehicle from being fast charged. Additionally, when a vehicle is being charged using a Wall Connector, the charge port engages with the charge cable, but the vehicle might charge at a reduced amperage rate.

Correction

Replace the charge port latch actuator carrier with an updated part.

Correction Description	Correction	Time
SB-17-44-003 Not Applicable	S011744003	0.00
Replace Charge Port Latch Actuator Carrier To Allow Proper Engagement	S021744003	0.70

Required Part(s):	Part Number	Description	Quantity
	1093116-00-D	ENCLOSURE, CP LATCH ACTUATOR, M3, NA	1
	1108958-00-A	SEAL, PROBE LID, HVBAT	1

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

Procedure

1. Remove the charge port latch actuator (refer to Service Manual procedure 44014002).
2. Release the 3 clips that secure the latch actuator carrier to the latch actuator (Figures 1 and 2).

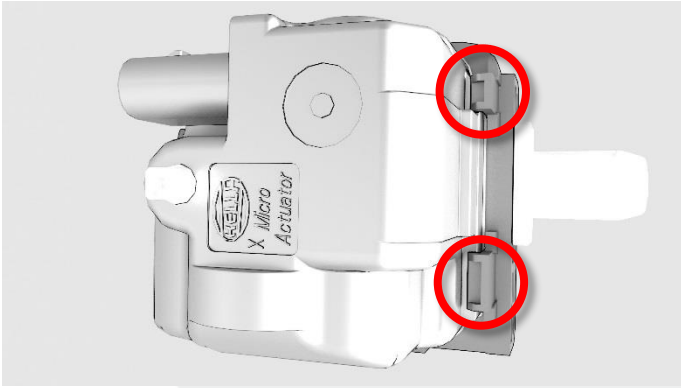


Figure 1

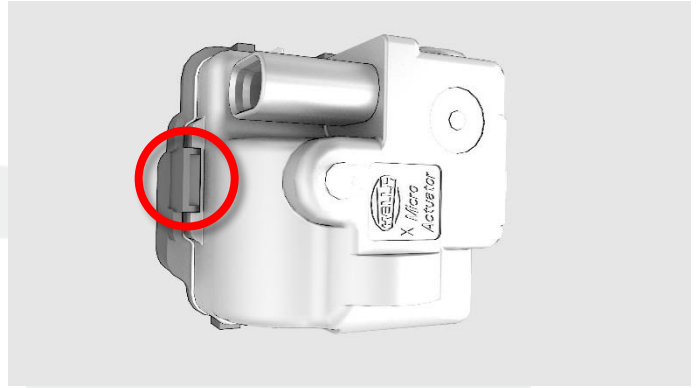


Figure 2

3. Remove and retain the seal from the latch actuator carrier.
4. Remove and retain the latch from the latch actuator carrier (Figure 3).

⚠ CAUTION: Do not clean the lubricant while handling the latch. Leave as much lubricant as possible.

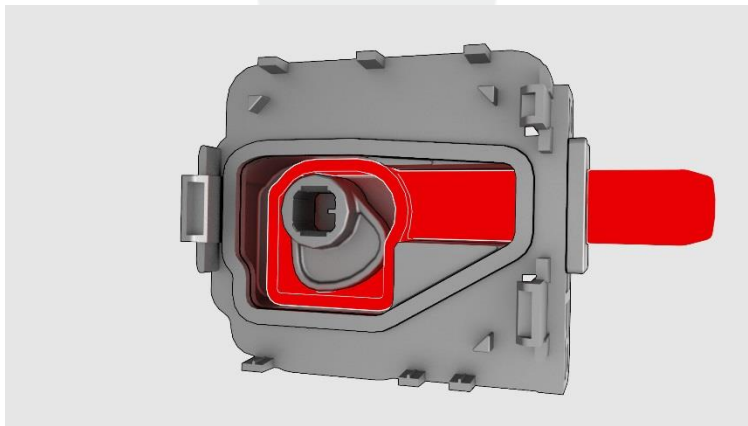


Figure 3

5. Use diagonal cutters or a razor to cut off the outer dowel pin from the new latch actuator carrier, and then file the area as needed (Figure 4).

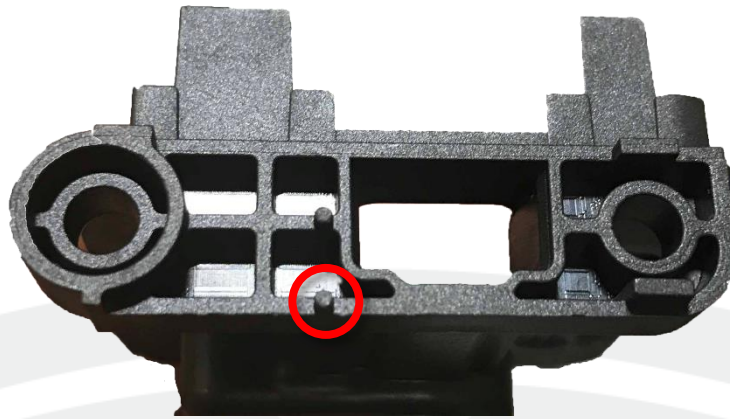


Figure 4

6. Install the latch into the new latch actuator carrier.
7. Align the inner dowel pin with the seal hole, and then install the seal onto the latch actuator carrier.
8. Secure the latch actuator carrier to the latch actuator.
9. Install the charge port latch actuator (refer to Service Manual procedure 44014002).
10. Reconnect 12V power.
11. Use Toolbox to update the firmware.
12. Make sure that the charge port engages with the charge cable.

Affected VIN(s) Affected Model 3 vehicles built before approximately July 31, 2017.

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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