



Replace Power Conversion System

Classification	Campaign Bulletin	Section/Group	16 - HV Battery System	Country/Region	North America
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.

This Service Bulletin supersedes SB-18-16-001 R2, dated 23-Feb-18. 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 certain Model 3 vehicles, specific issues with the power conversion system might prevent contactors from closing or cause the power conversion system E-fuse circuit to open, leading to an inability to recharge the 12V battery.

Correction

Replace the power conversion system with an updated component.

Correction Description	Correction	Time
SB-18-16-001 Not Applicable	S011816001	0.0
Replace Power Conversion System	S021816001	2.3

Required Part(s):	Part Number	Description	Quantity
	1135558-00-C	ASY,PCS,48A,MDL3	1
	1104475-00-C	BOLTANDWSHR[DBL],M8X23,STL ZNFL,SDOG ADH	2
	1117669-00-A	BOLT,5-LOBE,M6X19,[109],ZNNI,MAT,PTP,SEAL	2
	1108958-00-A	SEAL,PROBE LID,HVBAT	1
	1108907-00-A	BREATHER, NITTO Z-PLUG-S	1
	1115916-00-A	BOLT,TE,M6X14,[88],ZNNI,SEAL,SDOG	5
	1117252-00-A	BOLT,HF,M12X40,STL [109],ZN,ADH,MAT	2
	2007104-00-B	NUT HFPT M8X1.25 [10]-ZNNI	1

This part number was current at the time of publication. Use the revisions listed or later, unless otherwise specified in the Parts Manual.

Procedure

1. Replace the power conversion system (refer to Service Manual procedure 16301002).
2. Record the serial number of the removed power conversion system in the Repair Order.

Affected VIN(s) Affected Model 3 vehicles built between approximately July 16, 2017 and December 27, 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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