



Inspect Penthouse Cavity For Displaced Fastener

Classification	Campaign Bulletin	Section/Group	16 - HV Battery System	Country/Region	United States, Canada
Year	2018	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

Certain Model 3 vehicles might have a displaced fastener within the penthouse cavity, which might prevent the vehicle from starting, or charging the HV battery or 12V battery.

Correction

Inspect the penthouse cavity for a displaced fastener, and if found, remove the fastener.

Correction Description	Correction	Time
SB-19-16-006 Not Applicable	S011916006	0.0
Inspect Penthouse; Remove Displaced Fastener If Found	S021916006	1.0

Required Part(s):	Part Number	Description	Quantity
	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-C	BOLT,TE,M6X14,[88],ZNNI,SEAL,SDOG	5
	1117252-00-A	BOLT,HF,M12X40,STL [109],ZN,ADH,MAT	2
	1093060-00-A	NUT&WSHR,M8,STL[9],DOUBLE SEMS	1
	1111033-00-E	BRACKET – PLASTIC	1
	If necessary:		
	1467483-00-A	KIT, PENTHOUSE HV INSULATORS, M3	1

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

Special Tool(s):	1076921-00-B	Insulation Multimeter, Fluke 1507, or equivalent
	1130480-00-A	Test Probes, Slim, Fluke TP38
	1059330-00-B	Skt, 1/4in Dr, 5-Lobe Torx External
	1026636-00-A	Pack Enclosure Leak Tester, HV Battery
	1140501-00-A	Pack Kit, Enclosure, Leak Test, HV Battery, Complete
	1144879-00-A	Kit, Encl Leak Test Adapters, HV Battery
	1455410-00-A	Kit, Dummy Plug
	1108272-00-B	Cap, Logic Conn, Inv, 3DU

⚠️ WARNING: Proper personal protective equipment (PPE) and HV insulating gloves with a minimum rating of class 0 (1000V) must be worn any time high voltage might be present. Refer to [TN-15-92-003](#), “High Voltage Awareness Care Points” for additional safety information.

⚠️ WARNING: Proper personal protective equipment (PPE) is required to perform this procedure:

- High voltage insulating gloves
- Leather glove protectors
- High voltage glove tester
- Safety glasses
- Electrical hazard rated safety shoes

⚠️ WARNING: Make sure that the HV gloves are not expired. HV gloves can be used up to 12 months after the testing date printed on the glove, but only 6 months after first use even if the gloves are still within the 12-month period.

⚠️ WARNING: A glove inflator is the only recommended way to test HV gloves. Both HV gloves must pass testing before beginning this procedure. If either glove does not pass the air check, discard the pair.

Procedure

1. Remove the penthouse cover (refer to Service Manual procedure 16101002).

NOTE: Install insulators if they are not installed (refer to Service Manual procedure 16302001).

2. Inspect the penthouse cavity for a displaced fastener (Figure 1).

NOTE: Give more attention to areas which are difficult to access (Figure 2).



Figure 1 (Displaced fastener)



Figure 2 (Areas for more attention)

3. Remove the fastener, and in the Cause Narrative field of the Repair Order, identify the fastener and location found.
4. Inspect the area where the fastener was found, and if there is evidence of damage, stop this procedure and escalate a Toolbox session for further assistance.
5. Install the penthouse cover, perform a penthouse air leak test, and connect 12V power (refer to Service Manual procedure 16101002).

Affected VIN(s) Affected Model 3 vehicles built between approximately September 5, 2018 and October 30, 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.

For feedback on the accuracy of this document, email ServiceBulletinFeedback@tesla.com.