

 <b>Tesla, Inc.</b> Service Bulletin		<h2>Replace High Voltage (HV) Battery Due To Internal Loose Fastener</h2>	
<b>SB-20-16-004</b> June 23, 2020			
<b>Classification</b>		<b>Section/Group</b>	<b>Mobile Service</b>
Campaign Bulletin		16 - HV Battery System	Cannot Perform
<b>Model Year</b>	<b>Model</b>	<b>Country/Region</b>	<b>Version</b>
2020	Model 3, Model Y	North America, Europe	All
<small>The model(s) and model year(s) listed are a general approximation 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.</small>			

Campaign Bulletin: 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 list.

### Condition

Certain Model 3 and Model Y vehicles may have a loosened fastener inside the HV battery assembly, which could cause the HV battery to power down.

### Correction

Replace the HV battery.

Correction Description	Correction	Time
SB-20-16-004 Not Applicable	S012016004	0.0
Replace HV Battery Due To Internal Loose Bolts, Model 3 RWD	S022016004	4.4
Replace HV Battery Due To Internal Loose Bolts, Model 3 Dual Motor	S032016004	4.5
Replace HV Battery Due To Internal Loose Bolts, Model Y	S042016004	4.3

Part Number	Description	Quantity
<b>Parts Required</b>		
1111033-00-E	M3 2R BOLSTER CLIP (Model 3 only)	1
1093060-00-A	NUT&WSHR,M8,STL[9],DOUBLE SEMS	2
1461657-00-A	BOLT,HF,M14-2.0x120,[109],ZNFL,CMAT	2
1467057-00-C	SEAL,PERIMETER,PENTHOUSE,MDL3	1
1461657-00-A	BOLT,HF,M14-2.0x120,[109],ZNFL,CMAT	2
1459652-00-A	ASY,HV DMY PLUG,HC-STAK 25,2P,600V,90DEG (Model 3 RWD only)	1
	<b>Use one of the following:</b>	
	<ul style="list-style-type: none"> <li><b>Model 3 North America:</b></li> </ul>	
1104422-00-M	EXT,HVBAT,74KWH,AWD,1PH,M3	1
	<ul style="list-style-type: none"> <li><b>Model 3 Europe:</b></li> </ul>	
1104423-00-M	EXT,HVBAT,E3,AWD,3PH,M3	1
	<ul style="list-style-type: none"> <li><b>Model Y:</b></li> </ul>	
1493172-00-D	ASY,HVBAT,E3,AWD,1PH,MY	1

These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the [Parts Catalog](#).

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<b>Special Tools</b>	1020566-00-F	ASY, Battery Table, Manual Lift
	1020566-99-A	Top Plate, Battery Table, Manual Lift
	1129166-00-A	Hoist, H-Frame
	1134523-00-A	Kit, Alignment Rods, Battery
	1140311-00-A	Lever Lock, HV Connector
	1053600-00-B	Drive Unit Pressure Test Fixture
	1130942-00-B	Adapter, Coolant Reservoir Pressure Test
	1132185-00-B	Kit, Coolant Leak Test Adapters
	1133843-00-A	Kit, Coolant Drain & Fill Adapters
	1135762-00-A	Kit, Svc Plug, Cooling Hose
	GSN-TL-000564	Kit, Battery Coolant Drain and Fill
	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
	1108272-00-B	Cap, Logic Conn, Inv, 3DU
	1076921-00-B	Insulation Multimeter, Fluke 1507
	1050448-00-A	Refiller, Cooling System
	1073363-00-A	Gantry, Adjustable, Aluminum
	1453419-00-A	Adapter, Lift Pad, Model 3
	1133787-00-A	Key, Seat Belt Release, Model 3
	1130480-00-A	Test Probes, Slim, Fluke TP38

**Shop Supplies** Shop towels  
HV insulating gloves and leather outer gloves  
Isopropyl alcohol (IPA) wipes  
Penetrox A13 compound (1019168-00-A) (Model Y only)

## Procedure

Replace the HV battery:

- Refer to Service Manual procedure 16010202; [Dual Motor Model 3, Model Y](#)
- Refer to Service Manual procedure 16010102; [RWD Model 3](#)