

		<b>Tesla, Inc.</b> Service Bulletin	<b>Replace High Voltage Battery For Separator Quality Issues</b>	
<b>SB-21-16-003</b> December 7, 2021				
<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>	
2021	Model 3, Model Y	United States	Dual Motor	
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.				

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 were manufactured with high voltage (HV) batteries having cell separators that do not meet Tesla's internal standards of quality, potentially resulting in a reduction of range.

## Correction

Replace the HV battery.

Correction Description	Correction	Time	
		Model 3	Model Y
SB-21-16-003 Not Applicable	S012116003	0.0	0.0
Replace HV Battery For Separator Quality Issues	S022116003	4.5	4.4

	Part Number	Description	Quantity
<b>Parts Required</b>	1104422-00-W	ASY,HVBAT,E3,AWD,1PH,M3Y	1
	1093060-00-A	NUT&WSHR,M8,STL[9],DOUBLE SEMS	2
	1467057-00-C	SEAL,PERIMETER,PENTHOUSE,MDL3	1
	<b>Additionally for Model 3 Only</b>		
	1461657-00-A	BOLT,HF,M14-2.0x120,[109],ZNFL,CMAT	2
	1111033-00-E	M3 2R BOLSTER CLIP	1

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

<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)

## Procedure

Replace the HV battery (refer to Service Manual procedure 16010202: [Model 3](#), [Model Y](#)).