



Tesla, Inc.
Service Bulletin

Replace HV Battery For Wire Bond Issues

SB-23-16-001
March 21, 2023

Classification		Section/Group	Mobile Service	Configuration
Campaign Bulletin		16 - HV Battery System	Cannot Perform	Dual Motor
Model Year	Model	Country/Region	Build Location	
2023	Model 3, Model Y	North America	Fremont, Giga Austin	

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 non-safety-related condition and provides recommended technical diagnosis and repair procedures. Apply this procedure to the applicable vehicles.

Condition

Certain Model 3 and Model Y vehicles may require HV battery replacement because the wire bonds within their HV batteries may not have been manufactured to internal specifications, which may result in a reduction of range.

Correction

Replace the HV battery.

Correction Description	Correction	Time	
		Model 3	Model Y
SB-23-16-001 Not Applicable	S012316001	0.00	0.00
Replace HV Battery For Wire Bond Issues	S022316001	3.80	4.25

Part Number	Description	Quantity
Parts Required		
1234422-00-A	ASY,HVBAT,E3,AWD,1PH	1
1467057-00-G	SEAL PERIMETER PENTHOUSE	1
1461657-00-A	BOLT, HF, M14-2.0X120,[109],ZNFL,CMAT.	2
1523698-00-A	DKEPS,HX,M8-1.25,[9],G1009	2
These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the Parts Catalog .		
Special Tools		
1614078-00-A	ADAPTER, LIFT PAD, MODEL Y	
	Or:	
1453419-00-A	ADAPTER, LIFT PAD, MODEL 3	
	And:	
1133787-00-A	KEY, SEAT BELT RELEASE, MODEL 3	
1020566-00-F	ASY, BATTERY TABLE, MANUAL LIFT	
1020566-99-A	TOP PLATE, BATTERY TABLE, MANUAL LIFT	
1129166-00-A	HOIST, H-FRAME	
1073363-00-A	GANTRY, ADJUSTABLE, ALUMINUM	
1134523-00-A	KIT, ALIGNMENT RODS, BATTERY, MODEL 3	
1140311-00-A	LEVER LOCK, HV CONNECTOR, MODEL 3	
1130942-00-B	ADAPTER, COOLANT RESERVOIR PRESSURE TEST	
1133843-00-B	KIT, COOLANT DRAIN & FILL ADAPTERS, M3	
1135762-00-A	KIT, SVC PLUG, COOLING HOSE, MODEL 3	
GSN-TL-000564	KIT, BATTERY COOLANT DRAIN AND FILL	
1108272-00-B	CAP, LOGIC CONN, INV, 3DU	
1083188-00-B	FLUKE DIGITAL MULTIMETER 115	
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](#)).

