		<b>Tesla, Inc.</b> Service Bulletin		<b><i>Replace Pyrotechnic HV Battery Disconnect</i></b>	
<b>SB-25-16-003</b> June 3, 2025					
<b>Classification</b>		<b>Section/Group</b>		<b>Mobile Service</b>	<b>Configuration</b>
Campaign Bulletin		16 - HV Battery		Cannot Perform	All
<b>Model</b>	<b>Model Year</b>	<b>Country/Region</b>		<b>Build Location</b>	
Model S	2012–2020	All		Fremont	
Model X	2015–2020				
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

On certain Model S and Model X vehicles, the battery powered Pyrotechnic High Voltage (HV) Battery Disconnect will reach the end of its battery lifespan in the near future, which will trigger alerts and may limit the vehicle's performance.

## Correction

Replace the battery powered Pyrotechnic HV Battery Disconnect with a self-powered Pyrotechnic HV Battery Disconnect.

 **NOTE:** If this bulletin is applicable to the vehicle, perform the correction without any need for inspection.

Correction Description	Correction	Time	
		Model S	Model X
Replace Pyrotechnic HV Battery Disconnect - HV Battery 1.0 And 1.5	S012516003	2.10	N.A.
Replace Pyrotechnic HV Battery Disconnect - HV Battery 2.0	S022516003	0.54	0.66
Pyrotechnic HV Battery Disconnect Already Replaced	S032516003	0.00	0.00

	Part Number	Description	Quantity
<b>Parts Required</b>		<b>One of the following, based on the VIN:</b>	
	1111313-00-F	DISCONNECT,PYROTECHNIC,CUR POWERED,2000A	1
	1111445-00-F	DISCONNECT,PYROTECHNIC,CUR POWERED,2366A	1
	These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the <a href="#">Parts Catalog</a> .		
<b>Special Tools</b>	1059330-00-A	SOCKET,DR 5LOBE,E-TORX MAG,0.25INCH	
	1057606-00-A	1/4" DRIVE 13MM SOCKET - CEMENTEX	
	1076927-00-A	HIOKI MODEL 3548 RESISTANCE METER	
		<b>One of the following, based on the region:</b>	
	1055662-00-A	ANTI-STATIC MAT/W WRIST GROUNDING CORD AND WRIST STRAP – NORTH AMERICA	
	1056154-01-B	ANTI-STATIC MAT/W WRIST GROUNDING CORD AND WRIST STRAP – EU SCHUKO	
	1056154-02-B	ANTI-STATIC MAT/W WRIST GROUNDING CORD AND WRIST STRAP – UK, IRELAND	
	1056154-03-B	ANTI-STATIC MAT/W WRIST GROUNDING CORD AND WRIST STRAP – SWITZERLAND	
	1056154-04-B	ANTI-STATIC MAT/W WRIST GROUNDING CORD AND WRIST STRAP – DENMARK	
		<b>For HV Battery 1.0/1.5 only:</b>	
	1006653-00-A	FLAG,REMOVED FUSE,HVBAT,MDLS	
	1076921-00-A	FLUKE 1587 MULTI-METER	

## Procedure

Replace the Pyrotechnic HV Battery Disconnect. Refer to one of the following:

- **HV Battery 1.0/1.5:**  
Service Manual procedure 16308702; [Model S](#).
- **HV Battery 2.0:**  
Service Manual procedure 1638502; [Model S](#), [Model X](#).