		Tesla, Inc. Service Bulletin		<i>Replace HV Battery Umbrella Valves</i>	
SB-25-16-004 June 4, 2025					
Classification		Section/Group			
Campaign Bulletin		16 - HV Battery		Mobile Service	
				Cannot Perform	
				Configuration	
				All	
Model		Model Year		Country/Region	
Model S		2021–2022		United States, Europe	
Model X		2021–2022		Fremont	
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 HV battery umbrella valves, over time, may become damaged due to road debris.

Correction

Replace all 5 umbrella valves with updated parts.

 **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 HV Battery Umbrella Valves	S012516004	0.66	0.66

 **NOTE:** Use the HV Battery Limited Warranty pay type. If the HV Battery Limited Warranty is expired, use the Goodwill pay type.

	Part Number	Description	Quantity
Parts Required	1667216-00-D	THERMAL VENT ASSY, ENCLOSURE, HVB, P2	5
	1024173-00-A	GREASE, HIGH VACUUM	1
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	1140501-00-A	KIT, ENCL LEAK TEST, HV BATTERY	
	1144879-00-A	KIT, ENCL LEAK TEST ADAPTERS, HV BATTERY	
	1026636-00-A	PACK ENCLOSURE LEAK TESTER, HV BATTERY	

Procedure

Replace the HV battery umbrella valves (x5) (refer to Service Manual procedure 16102742; [Model S](#), [Model X](#)).