		Tesla, Inc. Service Bulletin	Reseal HV Battery Platter	
SB-21-16-002 May 25, 2021				
Classification		Section/Group		Mobile Service
Campaign Bulletin		16 - HV Battery System		Cannot Perform
Model Year	Model	Country/Region		Version
2020 – 2021	Model 3	China		All
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

HV batteries sealing performance of certain Model 3 vehicles built at Giga Shanghai might need to be improved.

Correction

Perform the platter enclosure air leak test. If the test fails, reseal the HV battery housing at the 4 primary corners, and then retest.

Correction Description	Correction	Time
Perform HV Battery Leak Test, No Work Required	S012116002	0.35
Perform HV Battery Leak Test, Reseal HV Battery	S022116002	1.20

	Part Number	Description	Quantity
Parts Required	1089956-00-A	SEALANT, LIQUID GASKET 1216E	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	1080593-00-A	Caulk and Adhesive Gun	1
Shop Supplies	IPA Wipes		

Procedure

Perform the HV battery platter enclosure air leak test (refer to Service Manual procedure [16102000](#)):

- If the differences in pressures is less than 0.0054 psi, discontinue this bulletin and apply correction code S012116001.
- If the test result is greater than 0.0054 psi, reseal the HV battery platter. See "Reseal the HV Battery Platter."

Reseal the HV Battery Platter

1. Remove the mid aero shield (refer to Service Manual procedure [12030502](#)).
2. Remove the front aero shield panel (refer to Service Manual procedure [12030102](#) and [1201102](#)).
3. Remove 4 wheel arch liners (refer to Service Manual procedure [12010902](#)).
4. Use an IPA wipe to clean the HV battery housing seam at the 4 primary corners, and then allow at least 1 minute to dry (Figures 1 and 2).



Figure 1 - LH front corner shown , LH rear corner similar



Figure 2 - RH front corner shown, RH rear corner similar

5. Apply an ample bead of sealant to the HV battery housing seam at the 4 primary corners, filling in any voids or cracks (Figures 3, 4 and 5).

⚠ WARNING: Wear suitable PPE when performing this step.

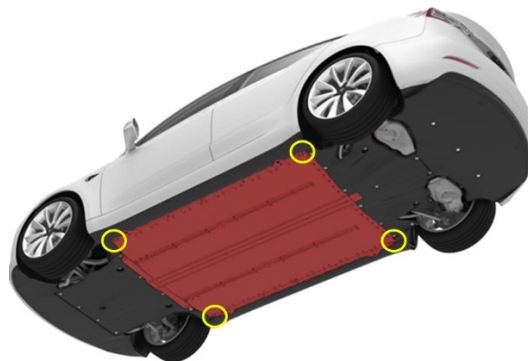


Figure 3



Figure 4 - LH front corner shown, LH rear corner similar



Figure 5 - RH front corner shown, RH rear corner similar

6. Perform 2nd enclosure air leak test (refer to Service Manual procedure [16102000](#)).



NOTE: If the difference in pressure is still more than 0.0054 psi, escalate a Toolbox session for assistance.

7. Install the 4 wheel arch liners (refer to Service Manual procedure [12030102](#) and [1201102](#)).
8. Install front aero shield panel (refer to Service Manual procedure [12030102](#)).
9. Install mid aero shield panel (refer to Service Manual procedure [12030502](#)).