


RCA-30-22-001-1: Apply Sealant to HV Battery

Rivian is initiating a customer satisfaction campaign for some model year 2022 R1T vehicles that could exhibit inadequate sealing on the seams of the high voltage (HV) battery. This condition could, in rare instances, result in moisture entering the HV battery and a potential loss of HV isolation. A loss of HV isolation could cause a detectable short in the HV battery, causing the vehicle to enter a reduced performance safe state mode and a "Limited Performance Mode" indicator light to illuminate on the driver display. Rivian will apply a sealant to the perimeter of the HV battery to prevent moisture from entering the seams of the HV battery. Rivian is launching this campaign for customer satisfaction and to ensure the quality of Rivian vehicles.

Document Type	Customer Satisfaction Campaign Bulletin
Date	December 12, 2022
Affected Region(s)	USA
Affected Model(s)	R1T
Model Year(s)	2022
Approximate Build Dates  Refer to the FSA Dashboard to determine if this document applies to a specific vehicle.	December 2021 - February 2022
Vehicle System	30 - HV Battery
Minimum Service Location	Service Center

Required Parts

Part Number	Quantity	Engineering Name	Service Name/Notes
PT00568050-A	1	Loctite MS 939 Adhesive/sealant black paste 290 ML Cartridge - 00987	

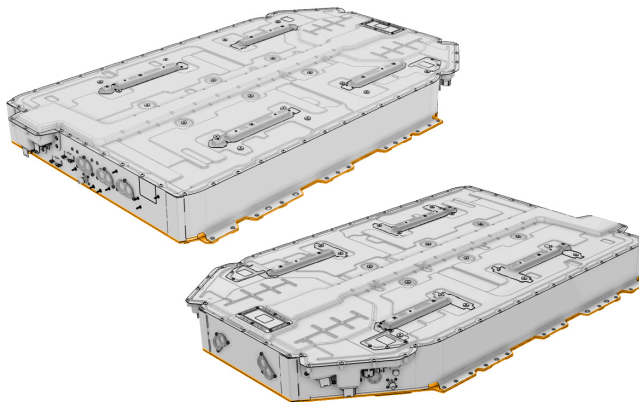
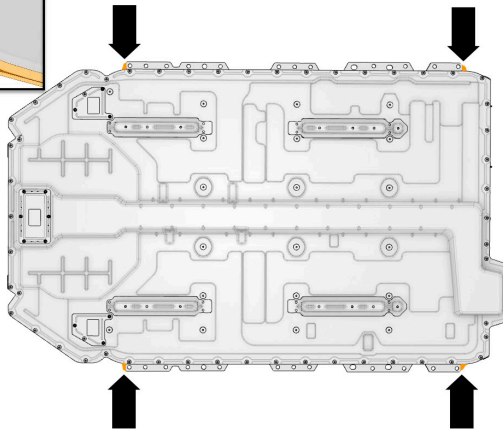
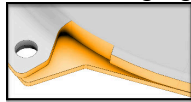


Attention: The parts listed in this table are only for unique steps that are called out in this bulletin. Some sections of this bulletin might refer to Service Manual procedures which require additional parts. Always review the bulletin and all potentially related Service Manual procedures before ordering parts and beginning work.

Procedure

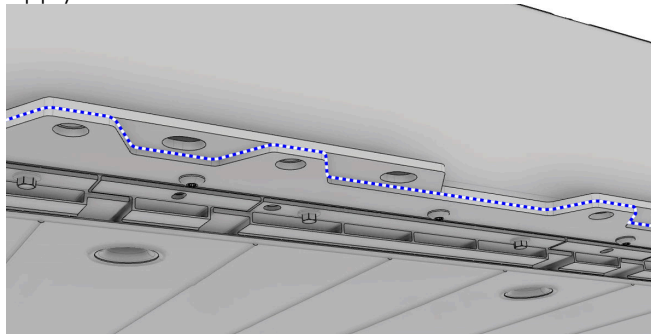
1. Remove: Reinforcement, Frame, Front, Lower (refer to service manual procedure 522212010).
2. On both sides: Remove: Panel, Underbody, HV Battery, Side, LH (refer to service manual procedure 606511010).
3. Remove: Panel, Underbody, HV Battery, Rear (refer to service manual procedure 606513010).
- 4.

a. Clean the highlighted area(s).



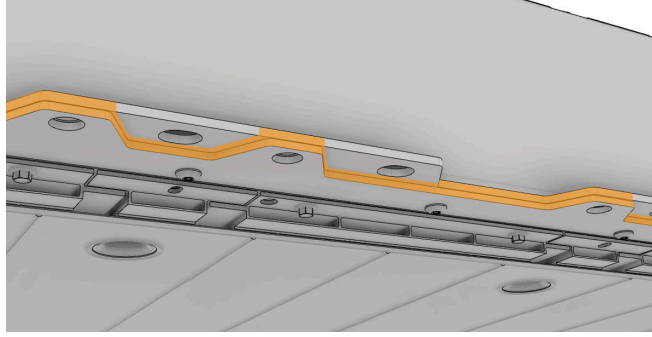
b. Using compressed air, blow dry all cleaned surfaces.

c. Apply a 6 mm diameter bead of sealant to a small section of the HV battery.



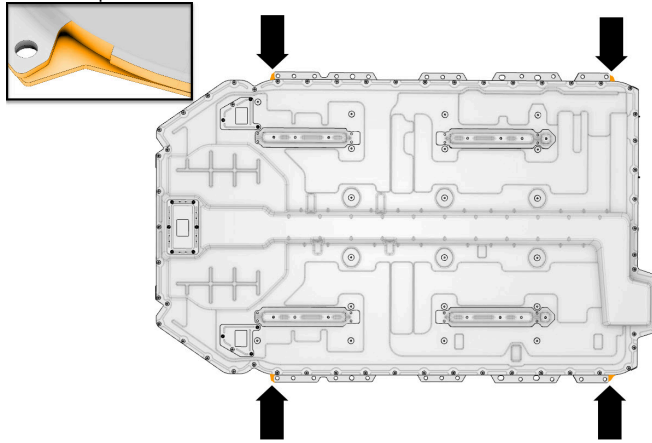
Tip: Attach a flexible straw and use an inspection mirror to apply sealant to tight areas. Working in small sections will allow the sealant to be spread without curing.

d. Using a putty knife: Spread the sealant to completely cover all vertical edges.



e. Continue this process around the entire perimeter of the HV battery.

f. Apply sealant to the exposed foil at each corner of the HV battery where the frame meets the bottom plate.



i **Tip:** A trim tool or scraper bent at 90 degrees can be used to apply the sealant to each corner that has exposed foil.

5. Check the entire area to make sure that there are no small holes or air bubbles in the sealant.

6. Reinstall all components that were removed for access and replace all non-reusable components.

! **CAUTION:** Make sure to avoid making contact with the sealant when reinstalling the components.

Labor Codes

Labor Code	Description
RCA302200100	RCA-30-22-001 not applicable
RCA302200101	Apply sealant to HV battery edges and corners
Contact ServiceDocumentFeedback@rivian.com regarding labor codes and document content.	