



**NUMBER:** 08-051-22

**GROUP:** 08 - Electrical

**DATE:** March 10, 2022

*This bulletin is supplied as technical information only and is not an authorization for repair. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without written permission of FCA US LLC.*

**This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 22-047, date of issue March 10, 2022. All applicable Sold and UnSold RSU VINs have been loaded. To verify this RSU service action is applicable to the vehicle, use VIP or perform a VIN search in DealerCONNECT/Service Library. All repairs are reimbursable within the provisions of warranty. This RSU will expire 18 months after the date of issue.**

**SUBJECT:**

HV Battery Pack Replacement

**OVERVIEW:**

This bulletin involves replacing the hybrid battery pack.

**MODELS:**

2022 (RU) Chrysler Pacifica (PHEV)

**NOTE:** This bulletin applies to vehicles within the following markets/countries: North America.

**NOTE:** This bulletin applies to vehicles built on or after December 20, 2021 (MDH 1220XX) and on or before December 22, 2021 (MDH 1222XX) equipped with a 3.6L V6 PHEV Hybrid Engine (Sales Code EH3).

**SYMPTOM/CONDITION:**

Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find the following Diagnostic Trouble Code (DTC) has been set:

- P0BB0-00 - Hybrid Battery Pack Voltage Variation Exceeded Limit.

Customers may also comment on the following:

- Reduced range due to reduced cell charging.

**PARTS REQUIRED:**

Qty.	Part No.	Description
1 (AR)	68488189AA	Battery, Hybrid

**DIAGNOSIS:**

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, verify all related systems are functioning as designed. If DTCs or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If a customer's VIN is listed in VIP or your RRT/RSU VIN list, perform the Repair Procedure. **This RSU only applies to vehicles on the RSU VIN list.**

**REPAIR PROCEDURE:**

1. Download a VSR.
2. Download an ECU Details Report.
3. Obtain the battery pack serial number from the ECU Details Report.
4. Create a STAR Ticket.
  - Reference RSU 22-047 when creating the STAR Ticket.
  - Attach the VSR and ECU Details Report.
  - Add the Battery Pack serial number to the case comments.
5. Submit the STAR Ticket requesting the battery pack replacement part.
6. Wait for the STAR Center to reply back with the authorization to make repairs and the RMA # (Return Material Authorization). Wait for the STAR Center to authorize the replacement part before proceeding to [Step 7](#).
7. Replace the hybrid battery pack. Refer to the detailed service procedures available in DealerConnect> Service Library under: Service Info>08 - Electrical / 8F - Engine Systems / Battery System / Battery / Removal and Installation.
8. Clear any DTCs that may have been set.
9. Return battery pack following instructions provided with replacement battery pack (I-Sheet Instructions).

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
08-08-04-90	Battery, 400 Volt - Replace Includes Performing Replace BPCM Routine and Reprogramming Battery Pack Control Module (3 - Highly Skilled)	6 - Electrical and Body Systems	2.1 Hrs.

**RELATED LOP:**

Labor Operation No:	Description	Skill Category	Amount
07-FF-01-52	Drain and fill - PHEV battery cooling system (3 - Highly Skilled)	6 - Electrical and Body Systems	0.2 Hrs.

**FAILURE CODE:**

ZZ	Service Action
----	----------------