



**NUMBER:** 08-042-20

**GROUP:** 08 - Electrical

**DATE:** March 24, 2020

*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 bulletin supersedes Service Bulletin 08-117-17, dated December 23, 2017, which should be removed from your files. All revisions are highlighted with **\*\*asterisks\*\*** and include removal of build date, additional markets, Diagnostic Trouble Codes (DTCs) and LOP.**

**This Service Bulletin is also being released as Rapid Response Transmittal (RRT) 17-121. All applicable Sold and Un-Sold RRT VINs have been loaded. To verify this RRT 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.**

***SUBJECT:***

Flash: Hybrid Control Processor (HCP) and Auxiliary Hybrid Control Processor (AHCP) Diagnostic and System Updates

***OVERVIEW:***

This bulletin involves updating the HCP and the AHCP with the latest available software.

***MODELS:***

2018 (RU) Chrysler Pacifica (PHEV)

**NOTE: This bulletin applies to vehicles within the following markets/countries: **\*\*North America\*\*** and APAC (China).**

**NOTE: This bulletin applies to vehicles equipped with a 3.6L V6 Hybrid Engine (Sales Code EH3).**

***SYMPTOM/CONDITION:***

Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation, the technician may one or more of the following DTCs have been set:

- **\*\*P0CF3-00 - Control Pilot Circuit Open (North America Only).**
- P0CF4-00 - Control Pilot Circuit Performance **(North America Only).**
- P0D57-00 - Proximity Detection Circuit Performance **(North America Only).**\*\*
- P1C68-00 - Hybrid Perf Engine Speed Above Target Idle Speed During Autostop **(APAC China Only).**

***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 the customer describes the symptom/condition listed above or if the technician finds the DTC, perform the Repair Procedure.

**REPAIR PROCEDURE:**

**NOTE:** Install a battery charger to ensure battery voltage does not drop below 13.2 volts. Do not allow the charging voltage to climb above 13.5 volts during the flash process.

**NOTE:** If this flash process is interrupted/aborted, the flash should be restarted.

**NOTE:** The HCP is a master to the AHCP, if the HCP is a newly replaced part or the HCP flash session fails or is interrupted the AHCP will be nonresponsive. In the event that the AHCP is nonresponsive re-initiate the HCP reprogramming session.

1. Reprogram the HCP and AHCP with the latest software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application's "HELP" tab.
2. Clear all DTCs that may have been set in any module due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow them to be cleared.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
**18-19-86-9F	Hybrid Control Processor (HCP) and Auxiliary Hybrid Control Processer (AHCP), Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.3 Hrs.**

**NOTE:** The expected completion time for the flash download portion of this procedure is approximately 3 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

**FAILURE CODE:**

The dealer must use failure code CC with this Service Bulletin.

- If the customer's concern matches the SYMPTOM/CONDITION identified in the Service Bulletin, failure code CC is to be used.
- When utilizing this failure code, the 3C's (customer's concern, cause and correction) must be provided for processing Service Bulletin flash/reprogramming conditions.

CC	Customer Concern
----	------------------