This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 22-033, date of issue March 01, 2022. All applicable Sold and Un-Sold 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:
Flash: Integrated Dual Charging Module (IDCM) Enhancements

OVERVIEW:
This bulletin involves reprogramming the IDCM with the latest software available.

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 May 31, 2021 (MDH 0531XX) and on or before February 18, 2022 (MDH 0218XX) equipped with 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 find the following Diagnostic Trouble Code (DTC) has been set:

- B22A9-64 - ECU Internal Performance-Signal Plausibility Failure.

Customer may also experience the following:

- Unable to utilize the plug in charge cord to charge the vehicle.

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 Diagnostic Trouble Codes (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 RSU VIN list, perform the repair. If any vehicle not on the VIN list exhibits the symptom/condition or DTC, perform the repair.

REPAIR PROCEDURE:

NOTE: Install a battery charger to maintain a 12 volt system voltage.

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

1. Is the vehicle on the RSU VIN list?
   - YES>>> Proceed to Step 2.
   - NO>>> Proceed to Step 3.

2. Does the IDCM control module have the latest software already installed?
   - YES>>> This bulletin has been completed. Use inspect LOP (18-90-16-94) to close the active RSU.
   - NO>>> Proceed to Step 3.

3. Reprogram the IDCM with the latest software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application "HELP" tab.

4. Cycle the ignition "off" then "on".

5. 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
18-90-16-94	Module, Integrated Dual Charging (IDCM) - Inspect (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
18-90-16-95	Module, Integrated Dual Charging (IDCM) - Inspect and 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 9 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

The dealer must choose which failure code to use depending on if this is a Rapid Service Update (RSU) or Technical Service Bulletin.

- The "RF" failure code is required for essential module flash/reprogramming and can only be used after confirmation that the VIN is included on the RSU.
- The failure code "RF" (Required Flash) can no longer be used on Technical Service Bulletin flashes. **The "RF" failure code must be used on an RSU.**
- If the customer's concern matches the SYMPTOM/CONDITION identified in the Technical Service Bulletin, failure code CC is to be used. When utilizing this failure code, the 3C's must be supplied.

RF	Required Flash - RSU
CC	Customer Concern