SUBJECT:
Flash: Battery Pack Control Module (BPCM) Diagnostic and System Updates

OVERVIEW:
This bulletin involves updating the BPCM with the latest available software.

MODELS:

2022	(WS)	Grand Wagoneer/Wagoneer

NOTE: This bulletin applies to vehicles within the following markets/countries: North America, Middle East/Africa and Enlarge Europe.

NOTE: This bulletin applies to vehicles built on or before June 22, 2022 (MDH 0622XX) equipped with the 5.7L V8 Engine with Etorque (Sales Code EZL).

SYMPTOM/CONDITION:
Customers may experience a false Malfunction Indicator Lamp (MIL) illumination related to:

- P0B42-00 - Hybrid/EV Battery Voltage Sense 2 Circuit Low.

Customer may also notice:

- Start/Stop inoperative.
- Vehicle behaves like it is always operating in gas mode.

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 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 maintain a 12 volt system voltage.

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

1. Reprogram the BPCM 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
18-19-87-9S	Battery Pack Control Module (BPCM), Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 6 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 Technical Service Bulletin.

- 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 (customer's concern, cause and correction) must be provided for processing Technical Service Bulletin flash/reprogramming conditions.

CC	Customer Concern