

Technical Service Bulletin (TSB)
Battery Charge Indicator (BCI) Replacement

REFERENCE:	TSB: 08-100-23 GROUP 08 - Electrical	Date:	April 15, 2023	REVISION:	–
VEHICLES AFFECTED:	2019 - 2023 (JL) Jeep Wrangler This bulletin applies to vehicles built on or before November 21, 2022 (MDH 1122XX) equipped with 2.0L I4 DOHC DI Turbo PHEV Engine (Sales Code ECX).			MARKET APPLICABILITY:	
				<input checked="" type="checkbox"/> NA	<input type="checkbox"/> MEA
				<input type="checkbox"/> SA	<input type="checkbox"/> IAP
				<input type="checkbox"/> EE	<input type="checkbox"/> CH
CUSTOMER SYMPTOM:	Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find the following DTC has been set: <ul style="list-style-type: none"> B1271-00 - Charge Level Indicator Internal. Customer may also experience the following: <ul style="list-style-type: none"> BCI does not indicate charge status while the vehicle is charging. 				
CAUSE:	BCI replacement				

REPAIR SUMMARY:

This bulletin involves replacing the BCIM.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
08-50-07-90	Indicator, Battery Charge - Replace (2 - Semi-Skilled)	6 - Electrical and Body Systems	0.6 Hrs.
Failure code	ZZ	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
1 (AR)	68500760AB	Battery Charge Indicator (BCI)	

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 any of the symptoms listed above in the customer symptom section, perform the Repair Procedure.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	–	–

REPAIR PROCEDURE:

1. Disconnect the 12 volt battery. Refer to the detailed service procedures available in DealerCONNECT > Service Library under: Service Info>08 - Electrical / 8F - Engine Systems / Battery System / Standard Procedure>12-volt Battery Disconnect/Connect - PHEV.
2. Replace the BCI. Refer to the detailed service procedures available in DealerCONNECT > Service Library under: Service Info>08 - Electrical / 8J - Instrument Cluster / Indicator, Battery Charge / Removal and Installation.

NOTE: The new BCI will not have to be programmed, it will already have the latest software installed.

3. Reconnect the 12 volt battery. Refer to the detailed service procedures available in DealerCONNECT > Service Library under: Service Info>08 - Electrical / 8F - Engine Systems / Battery System / Standard Procedure>12-volt Battery Disconnect/Connect - PHEV.
4. Clear any DTCs that may have been set in any modules due to the repair. The wiTECH application will automatically present all DTCs and allow them to be cleared.

POLICY:

Reimbursable within the provisions of the warranty.

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