

Technical Service Bulletin (TSB)

Flash: Smart Lighting Module Left (SLML) Updates

REFERENCE:	TSB: 08-388-25 GROUP: 08 - Electrical	Date:	December 2, 2025	REVISION:	–
VEHICLES AFFECTED:	2024 (LB) Dodge Charger This bulletin applies to vehicles built on or after September 02, 2024 (MDH 0902XX) and on or before January 31, 2025 (MDH 0131XX) equipped with 400V G2500 FR/RR Elec Drive Motors (Sales Code ELD) and Premium Led Low/High Refl Headlamps (Sales Code LM6).			MARKET APPLICABILITY: ☒ NA☐ MEA ☐ SA☐ IAP ☐ EE☐ CH NOTE: This bulletin applies to North America markets.	
CUSTOMER SYMPTOM:	Customers must experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle must exhibit/set the following Diagnostic Trouble Code (DTC): - B165B-13 - Park Lamp Control - Circuit Open. Customers may also experience one or more of the following: "Service Left Headlamp" message is displayed on the Instrument Panel Cluster (IPC). - Grille lamp is inoperative.				
CAUSE:	SLML software				

REPAIR SUMMARY:

This bulletin involves updating the SLML with the latest available software.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-32-92	Left, Smart Lighting Module (SLML) - Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.3 Hrs.
Failure Code	CC	Customer Concern	

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

- If the customer's concern matches the SYMPTOM 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.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	-	-

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.

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.

1. Reprogram the SLML with the latest available software. If issues arise when flashing a module using the wiTECH Diagnostic Application, please submit a ticket to the Helpdesk. The helpdesk can be found within the Help menu.

NOTE: The flash process will simultaneously update both the SLML and the SLMR.

2. Perform the "PROXI Configuration Alignment" routine. This routine is available under the 'Guided Diagnostics' tab found on the home, 'Vehicle View' page of wiTECH.
3. 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.

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