

Technical Service Bulletin (TSB)
Vehicle No Start Condition

REFERENCE:	TSB: 08-104-25 REV. A GROUP: 08 - Electrical	Date:	September 30, 2025	REVISION:	08-104-25
VEHICLES AFFECTED:	**2024** - 2025 (LB) Dodge Charger This bulletin applies to vehicles built on or after **August 06, 2024 (MDH 0806XX) and on or before February 21, 2025 (MDH 0221XX)** equipped with 400V G2500 FR/RR Elec Drive Motors (Sales Code ELD).			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 NOTE: **This bulletin applies to North America markets.**	
CUSTOMER SYMPTOM:	**Customers or technicians may experience one or more of the following:** <ul style="list-style-type: none"> • Vehicle will not start. • **wiTECH is unable to recognize and update the Electric Vehicle Control Unit (EVCU) software.** 				
CAUSE:	EVCU software issue				

This bulletin supersedes Technical Service Bulletin (TSB) 08-104-25, date of issue April 05, 2025, which should be removed from your files. All revisions are highlighted with ****asterisks**** and include an additional model year, updated build dates, a new Market Applicability note, new RSU number and date, updated Repair Summary, new LOPs, updated Spare Parts information and additional Repair Procedure steps.

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) ****25-203, date of issue September 30, 2025****. All applicable 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.

REPAIR SUMMARY:

****This bulletin involves inspecting the EVCU part number label and possibly replacing the EVCU.****

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
**08-19-49-9D	Module, Electric Vehicle Control Unit (EVCU) - Inspect Part Number / Modification Label (3 - Highly Skilled)	6 - Electrical and Body Systems	0.2 Hrs.
08-19-49-9E	Module, Electric Vehicle Control Unit (EVCU) - Inspect and Replace Includes PROXI Configuration Alignment / wiTECH Routines (3 - Highly Skilled)	6 - Electrical and Body Systems	1.0 Hrs.**
Failure Code	ZY	Service Action	

****RELATED LOPS:**

Labor Operation No:	Labor Description	Skill Category	Labor Time
08-00-02-51	High Voltage Power Down, Power Up, and Isolation Test (1 - Semi-Skilled)	6 - Electrical and Body Systems	0.6 Hrs.**

SPARE PARTS:

Qty	Part No.	Description	Notes
1 **(AR)	68566944AH**	Module, EV Control Unit (EVCU)	

DIAGNOSIS:

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

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	-	-

REPAIR PROCEDURE:

1. ****Is the vehicle on the RSU VIN list?**
 - YES>> Proceed to [Step 2](#).
 - NO>>> Proceed to [Step 2](#).
2. If equipped, Remove the storage bin. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 23 - Body / Exterior / Bin, Storage / Removal.
3. Remove the cowl cover. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 23 - Body / Exterior / Cover, Cowl Panel / Removal.
4. Locate and inspect the EVCU part number label [Fig. 1](#).



Fig. 1
EVCU Part Labels

1 - EVCU Part Number Label with 68566944AF - Replace EVCU

2 - EVCU Part Number Label with 68566944AF and Additional EVCU Label (BT V5.2.0.0 or V5.4.0.0 Label) - Do Not Replace EVCU

5. Is the part number on the label 68566944AF and no other label stating BT V5.2.0.0 or BT V5.4.0.0 is found on the EVCU [Fig. 1](#)?
 - YES>>> Proceed to [Step 8](#).
 - NO>>> Proceed to [Step 6](#). Use Inspection LOP (08-19-49-9D) to close the active RSU.
6. Install the cowl cover. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 23 - Body / Exterior / Cover, Cowl Panel / Installation.
7. If equipped, install the storage bin. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 23 - Body / Exterior / Bin, Storage / Installation.**
8. Replace the EVCU. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 12 - Electrified Powertrain System / Electric Powertrain Control / Modules, High Voltage System / Removal and Installation.
9. Clear DTCs.

POLICY:

Reimbursable within the provisions of the warranty.

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