



SSM 54991 2023-2026 Mustang Mach-E - LFP Standard Range Battery - BECM State Of Health Over-Estimation After BECM Replacement

Some 2023-2026 Mustang Mach-E vehicles equipped with a lithium ironion phosphate (LFP) standard range battery (minor feature code HTHAH) may exhibit a battery energy control module (BECM) state of health reading that over-estimates the actual high voltage battery state of health after a BECM replacement directed by the Workshop Manual (WSM). This may be due to the software in the BECM. To correct this condition, download and run the "BECM-High Voltage Battery Capacity Relearn" application using the Ford Diagnosis and Repair System (FDRS) scan tool. For claiming, use causal part 10B687 and labor operations 12651D and 12651D4. The engineering team is currently working on a permanent software solution which is expected to be available in Q4 of 2025.

If a vehicle exhibits this concern, submit a Global Concern Report (GCR). To submit a report, click on the "Submit Global Concern Report (GCR)" link at the upper right of the Professional Technician System (PTS) Vehicle ID screen (vehicle identification number [VIN] required) and fill out the form. Do not use the "Report A Problem" link to submit a report for this condition.

To confirm a vehicle is built with a certain minor feature code, review the build information by double-clicking the VIN in the upper left corner in PTS.