

<b>HYBRID AND ENERGI—12VOLT BATTERY UNABLE TO HOLD CHARGE—CHARGING IMPROVEMENTS</b>	<b>TSB 13-5-1</b>
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**FORD:**  
2013 C-MAX, Fusion

**LINCOLN:**  
2013 MKZ

**ISSUE**

Some 2013 C-Max, Fusion Hybrid, Fusion Energi and MKZ Hybrid vehicles may exhibit a 12 volt battery which is unable to maintain a charge or becomes discharged when the vehicle is operated with maximum electrical loads for short drive cycles and then left unattended for several hours.

**OPERATION**  
130501A

**DESCRIPTION**  
2013 C-MAX, Fusion Hybrid, Fusion Energi and MKZ Hybrid: Reprogram The Direct Current/Direct Current Converter Module (Do Not Use With Any Other Labor Operation)

**TIME**  
0.2 Hr.

**ACTION**

Reprogram the Direct Current/Direct Current (DC/DC) Converter Control Module to the latest calibration using IDS release 84.02 and higher. Calibration files may also be obtained at [www.motorcraft.com](http://www.motorcraft.com).

**DEALER CODING**

**BASIC PART NO.**  
14B227

**CONDITION CODE**  
04

**WARRANTY STATUS:** Eligible Under Provisions Of New Vehicle Limited Warranty Coverage  
Warranty/ESP coverage limits/policies/prior approvals are not altered by a TSB.  
Warranty/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

**NOTE:** The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford or Lincoln dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supercede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.