

**FORD:**

2012-2014 Focus

**ISSUE**

Some 2012-2014 Focus Electric vehicles may exhibit a Stop Safely Now message accompanied by diagnostic trouble code (DTC) P0A0A:01 present in the powertrain control module (PCM). A full key cycle will restore normal vehicle operation.

**ACTION**

Follow the Service Procedure steps to correct the condition.

**SERVICE PROCEDURE**

1. Connect the Ford Integrated Diagnostic System (IDS) or equivalent service tool to the data link connector (DLC). Perform a key on engine off (KOEO) self-test on the PCM. Is DTC P0A0A:01 present either in memory or as a current fault?
  - a. Yes - proceed to Step 2.
  - b. No - this article does not apply. Refer to Powertrain Control/Emissions Diagnosis (PC/ED) manual for normal diagnosis.
2. Check the vehicle build date. Was the vehicle built on or before 5/18/2014?
  - a. Yes - replace the high voltage battery cables. Refer to Workshop Manual (WSM), Section 414-03. Proceed to Step 3.
  - b. No - proceed to Step 4.
3. Apply Motorcraft® Electrical Grease to the harness side high voltage system interlock (HVIL) terminals on the new harness. Proceed to Step 5. (Figure 1)

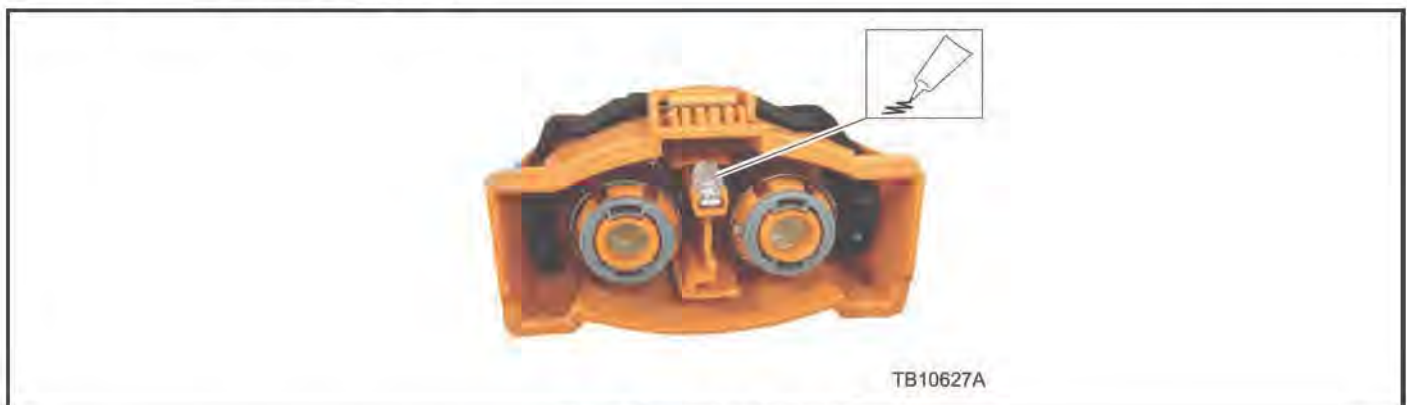


Figure 1 - Article 15-0031

- a. Do not apply electrical grease to the large high voltage positive and negative terminals.
4. Clean the HVIL terminals on the harness side of transmission control module (TCM) connector C1822B, and apply Motorcraft® Electrical Grease to the harness side HVIL terminals. Proceed to Step 5. (Figure 1)
  - a. Do not apply electrical grease to the large high voltage positive and negative terminals.

NOTE: The information contained 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, Lincoln, or Mercury 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 supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

5. Clean the HVIL terminals on the TCM component side of connector C1822B, using a very light swiping method with a clean, lint free shop rag.
6. Reprogram the PCM to the latest calibration using IDS release 93.02 and higher. Make sure you are connected to the internet when entering module programming to obtain the latest updates. Calibration files may also be obtained at [www.motorcraftservice.com](http://www.motorcraftservice.com).

PART NUMBER	PART NAME
CM5Z-14A318-C	High Voltage Battery Cables
CV6Z-00812-A	Bolt - Cross Member Reinforcement Bracket
XG-12	Motorcraft® Electrical Grease

OPERATION	DESCRIPTION	TIME
150031A	2012-2014 Focus BEV: Retrieve DTCs Clean Electrical Connectors Following The Service Procedure Includes Time To Reprogram The PCM (Do Not Use With Any Other Labor Operations)	0.9 Hr.
150031B	2012-2014 Focus BEV: Retrieve DTCs Replace The High Voltage Battery Cables, Clean Electrical Connectors Following The Service Procedure Includes Time To Reprogram The PCM (Do Not Use With Any Other Labor Operations)	3.8 Hrs.

**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.

**DEALER CODING**

BASIC PART NO.	CONDITION CODE
14A318	x2