

**FORD:**

2012-2014 Edge, Explorer

2013-2014 Taurus

**LINCOLN:**

2013-2014 MKT

This article supersedes TSB **13-9-8** to update the Service Procedure and Parts List.

**ISSUE**

Some 2012-2014 Edge, Explorer and 2013-2014 MKT and Taurus vehicles equipped with a 2.0L Gasoline Turbocharged Direct Injection (GTDI) engine may exhibit difficult to start, runs rough, crank-no start, lack of power, loss of idle RPM or hesitation concerns with diagnostic trouble codes (DTCs) P0106, P0236 or a repeat P0128. These conditions may be caused by a wiring concern in the signal return splice.

**ACTION**

Follow the Service Procedure Steps to correct the condition.

**SERVICE PROCEDURE**

1. Using Integrated Diagnostic System (IDS) service tool or equivalent scan tool, check for DTCs.
2. Does the powertrain control module (PCM) only have P0128 DTC stored?
  - a. No - proceed to Step 4.
  - b. Yes - proceed to Step 3.
3. Is the coolant level full?
  - a. No - fill the cooling system using the vacuum cooling system filler procedure. Refer to WSM, Section 303-03. Proceed to Step 4.
  - b. Yes - proceed to Step 4.
4. Replace the signal return splices using the wire, lead-free solder, heat shrink tubing and instructions supplied in the wire splice solder repair kit.
  - a. Edge - S176 (YE/GN) and S119 (YE/VT)
  - b. Explorer - S176 (YE/GN) and S143 (YE/VT)
  - c. MKT - S112 (YE/GN) and S124 (YE/VT)
  - d. Taurus - S113 (YE/GN) and S125 (YE/VT)

PART NUMBER	PART NAME
CU5Z-14A411-A	Wire Splice Solder Repair Kit
VC-3DIL-B	Motorcraft® Orange Antifreeze/Coolant Prediluted

OPERATION	DESCRIPTION	TIME
MT150178	Use SLTS Operations If Available; Claim Additional Diagnosis Or Labor Performed As Actual Time	Actual Time

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.

**WARRANTY STATUS:**

Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions 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
12A581	28