

SB-10057697-1598

FORD:

2014-2015 Fusion

ISSUE

Some 2014-2015 Fusion vehicles equipped with a 1.5L GTDI engine may exhibit a hard start, long crank or runs rough condition with an illuminated malfunction indicator lamp (MIL) and DTCs P00C6, P0191 and/or P0192 present.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Connect the Ford Integrated Diagnostic System (IDS) service tool or equivalent to the data link connector (DLC). Is DTC P0191 and/or P0192 present?
 - a. Yes - proceed to Step 2.
 - b. No - proceed to Step 3.
2. Refer to the engine code information label located on the upper portion of the engine timing cover. The first 6 characters of the engine serial number will be the engine build date in DD-MM-YY format. Is the engine build date on or before 3/31/2014? (Figure 1)



Figure 1 - Article 14-0216

- a. Yes - replace the fuel rail pressure (FRP) sensor. Refer to Workshop Manual (WSM), Section 303-14. Proceed to Step 4 only if DTC P00C6 is also present. Otherwise, repair is complete.
- b. No - proceed to Step 3.
3. Is DTC P00C6 present?
 - a. Yes - proceed to Step 4.

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.

- b. No - this procedure does not apply. Refer to Powertrain Control/Emissions Diagnosis (PC/ED) manual for normal diagnosis.
- 4. Open the IDS Datalogger and select Modules, PCM, then highlight the FLP PID and monitor FLP with the key on. Is the pressure greater than 310 kPa (45 psi)?
 - a. Yes - proceed to Step 5.
 - b. No - this procedure does not apply. Refer to PC/ED manual for normal diagnosis.
- 5. Refer to the engine code information label located on the upper portion of the engine timing cover. The first 6 characters of the engine serial number will be the engine build date in DD-MM-YY format. Is the engine build date on or before 3/31/2014? (Figure 1)
 - a. Yes - replace both the FRP sensor and high-pressure fuel pump. Refer to WSM, Section 303-14 for the FRP sensor and WSM, Section 303-04 for the high-pressure fuel pump.
 - (1) Install the plastic caps removed from the new high-pressure fuel pump onto the high-pressure fuel pump being replaced to eliminate contamination during shipping.
 - b. No – proceed to Step 6.
- 6. Was the engine built on 4/1/2014 and through 10/20/2014?
 - a. Yes - replace the high-pressure fuel pump, refer to WSM, Section 303-04.
 - (1) Install the plastic caps removed from the new high-pressure fuel pump onto the high-pressure fuel pump being replaced to eliminate contamination during shipping.
 - b. No - this procedure does not apply, refer to the PC/ED manual for DTC P00C6.

PART NUMBER	PART NAME
DS7Z-9350-B	High-Pressure Fuel Pump Assembly
DS7Z-9F972-A	Fuel Rail Pressure Sensor
DS7Z-9D354-B	Tube Assembly
W505584-S436	Bolt - Fuel Pump
XL-5-A	Motorcraft® Multi-Purpose Grease

OPERATION	DESCRIPTION	TIME
140216A	2014-2015 Fusion 1.5L EcoBoost: Diagnose And Replace The FRP Sensor	0.7 Hr.
140216B	2014-2015 Fusion 1.5L EcoBoost: Diagnose And Replace The High Pressure Fuel Pump Includes Time To Replace the FRP Sensor If Necessary	1.1 Hrs.

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
9F972	42