TECHNICAL SERVICE BULLETIN
6.2L – Illuminated Malfunction Indicator Lamp (MIL) - Diagnostic Trouble Code (DTC) P0355 And/Or P0356

18-2047

06 February 2018

Model:

Ford 2014-2016 Super Duty

Issue: Some 2014-2016 F-250 and F-350 vehicles equipped with a 6.2L engine may exhibit an illuminated MIL with DTC P0355 and/or P0356. This may be due to an open circuit in the coil-on-plug connectors for cylinders 5 and/or 6 due to interference with the intake air expansion resonator.

Action: Follow the Service Procedure steps to correct the condition.

Parts

Part Number	Description	Quantity
AL3Z-12029-B	Coil-On-Plug	2
9U2Z-14S411-EA	Service Connector Pigtail	2
XG-3-A	Motorcraft® Silicone Brake Caliper Grease And Dielectric Compound	1
W715732-S437	M10 Flat Washer	3

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.

Labor Times

Description	Operation No.	Time
2014-2016 F-Super Duty 250/350 6.2L: Retrieve DTCs, Replace One (1) Coil-On-Plug Assembly And Its Electrical Connector Pigtail Includes Time To Install Washers Following The Service Procedure (Do Not Use With Any Other Labor Operations)	182047A	0.8
2014-2016 F-Super Duty 250/350 6.2L: Retrieve DTCs, Replace Two (2) Coil-On-Plug Assemblies And Their Electrical Connector Pigtails Includes Time To Install Washers Following The Service Procedure (Do Not Use With Any Other Labor Operations)	182047B	1

Repair/Claim Coding

Causal Part:	9B659
Condition Code:	28

Drive	Tool Name
1/4"	Ratchet
1/4"	Torque Wrench
1/4"	Power Tool
1/4"	6 Inch Extension

1/4"	8 mm Socket
3/8"	Ratchet
3/8"	Torque Wrench
3/8"	15 mm Socket
1/2"	Ratchet
1/2"	5 Inch Extension
	Magnet
	Pocket Screwdriver

Service Procedure

1. Connect the Ford Integrated Diagnostic System (IDS) or Ford J2534 Diagnostic Software (FJDS) to the data link connector (DLC). Check for DTCs. Is P0355 and/or P0356 stored in the powertrain control module (PCM)?

(1). Yes - proceed to Step 2.

(2). No - this article does not apply. Refer to the Powertrain Control/Emissions Diagnosis (PC/ED) Manual for normal diagnostics.

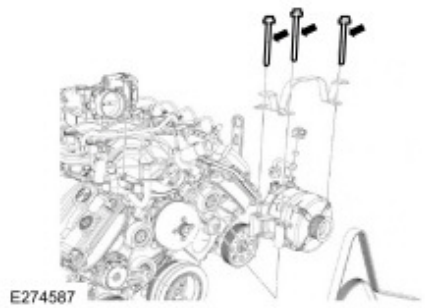
2. Replace the coil-on-plug assemblies for the affected cylinders. Refer to Workshop Manual (WSM), Section 303-07.

3. Replace the coil-on-plug wire harness connector pigtail for any affected cylinder. Refer to Wiring Diagram, Cell 5.

4. Release the accessory drive belt tension and remove the drive belt from the generator pulley.

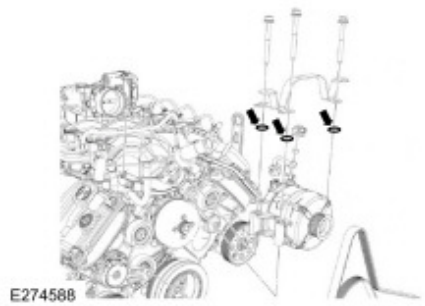
5. Remove the 3 generator mounting bolts. (Figure 1)

Figure 1



6. Install one M10 flat washer between the generator and the bracket in the locations shown. (Figure 2)

Figure 2



7. Install the generator mounting bolts and tighten to 47 Nm (35 lb-ft).

8. Install the accessory drive belt.

9. Install the intake air expansion resonator removed during the coil-on-plug replacement procedure. Refer to WSM, Section 303-07.
