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TSB 13-9-15	<ul style="list-style-type: none"> 6.7L DIESEL ENGINE – RUNS ROUGH/MISFIRE DURING EXHAUST REGENERATION PROCESS
Publication Date: September 13, 2013	

FORD:	2011-2013 F-Super Duty
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The article supersedes TSB **13-5-17** to update the Service Labor Time Standards and Part List.

ISSUE:

Some 2011-2013 F-Super Duty vehicles equipped with a 6.7L diesel engine may exhibit a runs rough/misfire condition only during the exhaust regeneration process. This condition typically occurs on light throttle tip in between 64-113 Km/h (40-70 MPH), and will not set diagnostic trouble codes (DTCs). The concern may be intermittent and a knocking noise may be present during the concern.

ACTION:

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

1. Did the customer indicate the message center displayed a Cleaning Exhaust Filter message prior to the concern?
 - a. Yes – proceed to Step 2.
 - b. No – this article does not apply. Refer to the Powertrain Control/Emissions Diagnosis (PC/ED) manual for normal diagnosis.
2. Using Integrated Diagnostic System (IDS) or equivalent, retrieve DTCs from the Powertrain Control Module. Are DTC's present?
 - a. Yes – this article does not apply. Refer to the PC/ED manual for normal diagnosis.
 - b. No – proceed to Step 3.
3. Remove the left hand cylinder head. Refer to Workshop Manual (WSM), Section 303-01.
4. Replace all eight (8) exhaust valves and valve seals. Refer to WSM, Section 303-01. (Figure 1)

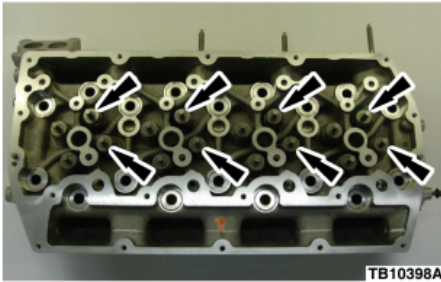


Figure 1 – Article 13-9-15

5. Install cylinder head. Refer to WSM, Section 303-01.

PART NUMBER	PART NAME
BC3Z-9439-C	Upper Intake Gasket
BC3Z-9439-A	Upper Intake Gasket – (Inlet Large)
BC3Z-9439-B	Upper Intake Gasket – (Inlet Small)
BC3Z-6N640-A	Turbo Inlet Gasket Left Hand
W711402-S900	Exhaust Manifold Nuts
BC3Z-8287-A	Inlet Pipe Clamp (2 Req)
BC3Z-6587-A	Turbo Gasket
W713535-S900	Bolt
BC3Z-8287-B	Down Pipe Clamp
BC3Z-9E464-B	Bypass Pipe Gasket
BC3Z-8527-A	Oil Separator O-Ring
BC3Z-6A632-A	Oil Separator Gasket
BC3Z-9448-A	Exhaust Manifold Gasket
W701706-S440	Nut (8 Req)
BC3Z-8C387-B	RH Coolant Manifold Gasket
BC3Z-8C387-A	LH Coolant Manifold Gasket
BC3Z-8527-N	Heater Tube O-Ring
BC3Z-6065-B	Cylinder Head Bolts
F7DZ-6A008-AA	Cylinder Head Dowels
BC3Z-6051-D	Cylinder Head Gasket

BC3Z-6571-A	Valve Seal
CC3Z-6505-B	Exhaust Valve (8 Req)
BC3Z-6584-C	LH Valve Cover Gaskt
BC3Z-6C535-A	Injector to Valve Cover Seal (4 Req)
BC3Z-9E964-A	Fuel Rail Supply Tube
BC3Z-8527-D	Fuel Supply O-rings
BC3Z-8527-E	Fuel Supply O-rings
BC3Z-9229-A	Injector Seal Kit (2 Req)
BC3Z-9229-B	Injector Seal Kit (2 Req)
BC3Z-9E464-B	EGR Outlet Gasket (2 Req)
W714852-S900	EGR Outlet Tube Bolt (4 Req)

WARRANTY STATUS:

Eligible Under Provisions Of New Vehicle Limited Warranty Coverage

IMPORTANT: 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.

OPERATION	DESCRIPTION	TIME
130915A	2011-2013 F-Super Duty 6.7L: Check DTCs Replace Eight (8) Exhaust Valves In The Left Cylinder Head Includes Time To Remove And Install The Left Cylinder Head (Do Not Use With Any Other Labor Operations)	14.3 Hrs.

DEALER CODING

BASIC PART NO.	CONDITION CODE
6505	42

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