



TECHNICAL SERVICE BULLETIN

6.2L - Crank/No Start With Or Without Diagnostic Trouble Codes (DTC) P0300, P0301-P0308, And/Or P0316 - Built On Or Before 2-May-2018

Model:

Ford 2017-2018 F-Super Duty

Issue: Some 2017-2018 F-Super Duty vehicles equipped with 6.2L gas engines built on or before 2-May-2018 may exhibit a crank/no start concern with or without DTCs P0300, P0301, P0302, P0303, P0304, P0305, P0306, P0307, P0308 and/or P0316. This concern may be due to spark plug fuel fouling during cold starts in temperatures below 50°F (10°C). The PCM software update improves cold weather fueling strategies. Note: E85 fuel usage can contribute to poor starts, drivability concerns or inability to start the engine. Refer to the Owner's Manual for E85 fuel usage guidelines.

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

Parts

Part Number	Description	Quantity
XO-5W30-Q1SP	Motorcraft® SAE 5W-30 Premium Synthetic Blend Motor Oil	7
F1AZ-6731-BD	Oil Filter	1

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
2017-2018 F-Super Duty 250/350 6.2L: Retrieve DTCs, Reprogram The PCM And Perform Dechoke Flooding Procedure Includes Time To Check The Engine Oil (Do Not Use With Any Other Labor Operations)	182188A	0.4 Hrs.
2017-2018 F-Super Duty 250/350 6.2L: Retrieve DTCs, Reprogram The PCM And Perform Dechoke Flooding Procedure Includes Time To Check And Change The Engine Oil And Filter (Do Not Use With Any Other Labor Operations)	182188B	0.8 Hrs.

Repair/Claim Coding

Causal Part:	RECALEM
Condition Code:	42

Drive	Tool Name
3/8"	Ratchet
3/8"	Torque Wrench
3/8"	15 mm Socket
3/8"	Oil Filter Socket
	Battery Charger

Service Procedure

1. Using the appropriate Ford scan tool or equivalent, retrieve DTCs. Does the vehicle exhibit a crank/no start concern with or without DTCs P0300, P0301, P0302, P0303, P0304, P0305, P0306, P0307, P0308 and/or P0316 stored in powertrain control module (PCM)?

(1). Yes - reprogram the PCM using the appropriate Ford scan tool with release 109.05 or higher. Make sure you are connected to the internet when entering module programming to obtain the latest updates.

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

2. Perform dechoke flooding procedure:

(1). Turn ignition key off for 30 seconds.

(2). Turn ignition key to the accessory position.

(3). With the transmission in Park and the parking brake engaged, fully press accelerator pedal to achieve wide open throttle (WOT) position and start the vehicle.

- For vehicles equipped with intelligent key transmitter (IKT) style keys, do not crank the engine for more than 10 seconds.

(4). Proceed to Step 3.

Note: If the engine fails to start, repeat this procedure a maximum of three (3) times. It is critical the ignition key is turned off for 30 seconds after each time the procedure is performed.

Note: The PCM enters dechoke flooding mode when the accelerator pedal is fully pressed during engine cranking. This procedure will shut off fuel injectors and fueling during engine cranking to allow starting of a flooded engine.

3. Does the engine start?

(1). Yes – proceed to Step 4.

(2). No – refer to the PC/ED Manual for normal diagnostics.

4. Is the oil level above the maximum mark on the indicator?

(1). Yes – change the engine oil and filter. Repair is complete.

(2). No – repair is complete.

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NOTE: The information 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 or Lincoln 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.