

**6.4L—PCM UPDATE—BUILT BEFORE 7/30/2007—
INTERMITTENT P0342 AND/OR P1336, UPDATE—PTO
FUNCTION, TURBO PROTECTION, HIGH IDLE, SHIFT
QUALITY AND IC**

TSB 07-17-3

FORD:

2008 F-Super Duty

This article supersedes TSB 07-16-2 to update the Action required.

ISSUE

Some 2008 F-Super Duty F-250-F-550 vehicles built before 7/30/2007 and equipped with the 6.4L engine may exhibit one or more of the following concerns:

- Intermittent P0342 or P1336 powertrain control module (PCM) reprogram prior to normal Powertrain Controls/Emissions Diagnosis (PC/ED) Diagnostics)
- Loss of stationary elevated idle control (SEIC) or battery charge protection (BCP) during power take-off (PTO) operation when body is rolled or wheels are rocked
- Turbocharger bearing failure due to very cold ambient temperatures, frozen turbocharger actuator with diagnostic trouble code (DTC) P132B at temperatures below freezing
- Unacceptable engine idle RPM ramp rate at cold engine temperatures/cold ambient conditions in Neutral/Park with foot off Brake/Clutch
- Unacceptable engine idle RPM ramp rate during diesel particulate filter (DPF) regeneration in Neutral/Park with foot off Brake/Clutch
- Transmission upshift quality, engagement duration or feel, and shift busyness or powertrain hunting

This calibration update also includes diagnostic and malfunction indicator lamp (MIL) operation improvements for P200E, P242D and P2033. Follow normal PC/ED diagnostics for symptom or DTC identification.

This calibration also includes instrument cluster (IC) message center updates for distance to empty (DTE) reads in reverse on dual fuel tank applications, "Engine Warming" turbo protection and "Stop Safely Now" exhaust over temperature warnings.

ACTION

Reprogram the PCM, Transmission Control Module (TCM), and IC (Reprogram the IC by selecting Module Reprogramming, IC) to the latest calibration using IDS release 50.7 patch 10. When reprogramming the PCM on automatic transmission equipped vehicles the TCM will also automatically be reprogrammed to the latest level. This new calibration is not included in the VCM 2007.7 DVD. Calibration files may also be obtained at www.motorcraft.com.

Please print/copy the Customer Information Sheet attached to this Technical Service Bulletin (TSB) and insert it into the glove box Owners Guide for future customer reference. (Figure 1)

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage
IMPORTANT: Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

OPERATION	DESCRIPTION	TIME
071703A	2008 F-Super Duty 6.4L: Reprogram The PCM, TCM If Equipped With Automatic Transmission, And The IC (Do Not Use With 12650D, 12651D, 12651D4)	0.6 Hr.

DEALER CODING

BASIC PART NO.
RECALEM

CONDITION
CODE
04

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, 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.

**6.0L—INTERMITTENT MIL ON AND/OR
INTERMITTENT DTC P0470—TEMPERATURES
BELOW FREEZING**

TSB 07-18-4

FORD:
2006-2007 F-Super Duty

ISSUE

Some 2006-2007 F-Super Duty vehicles equipped with a 6.0L diesel engine may exhibit a intermittent malfunction indicator lamp (MIL) light on and/or intermittent diagnostic trouble code (DTC) P0470 only in conditions where ambient temperatures are below freezing on start up.

ACTION

Reprogram the powertrain control module (PCM) to the latest calibration using IDS release 50.10 and higher. This new calibration is not included in the VCM 2007.7 DVD. Calibration files may also be obtained at www.motorcraft.com.

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage And Emissions Warranty Coverage
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OPERATION	DESCRIPTION	TIME
071804A	2006-2007 F-Super Duty 6.0L: Check For DTCs And Reprogram The PCM (Do Not Use With 12650D)	0.7 Hr.

DEALER CODING

BASIC PART NO.	CONDITION CODE
RECALEM	04

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