

**DRIVEABILITY—VARIOUS DRIVEABILITY CONDITIONS—6.0L DIT ENGINE—VEHICLES BUILT BEFORE 9/29/03—CALIBRATION UPDATE—RUNNING CHANGE**

**Article No.  
03-20-12**

**FORD:** 2003-2004 EXCURSION, F SUPER DUTY

**ISSUE**

Some vehicles may exhibit various driveability conditions listed below:

- Rough/Rolling Idle When The Engine Is Warm
- Rough/Rolling Idle And White Smoke After Hot Restart
- Lacks Power After Initial Start-Up
- Cold Idle Kicker Performance At Warm Ambient Temps
- U0306 Codes After Reprogramming
- P2263 Code Set During Extended Idle
- False P0196 Codes

**ACTION**

This updated service calibration addresses a number of vehicle driveability conditions. When servicing 2003-2004 Super Duty and Excursion vehicles equipped with 6.0L Power Stroke engine built before 9/29/03 (can be verified by the Injection Control Pressure (ICP) sensor located at the rear of the engine) reprogram the PCM/TCM/FICM modules to the latest calibration level (B27.9) or later. This calibration should only be installed on customer vehicles that exhibit one of the conditions addressed above.

**NOTE**

**THIS LATEST CALIBRATION INCLUDES ALL CHANGES RELEASED IN PREVIOUS CALIBRATION UPDATES.**

**NOTE**

**INSTALLING THIS CALIBRATION REMOVES PILOT INJECTION CONTROL.**

**NOTE**

**PRIOR TO INSTALLING THE UPDATED CALIBRATION, ADVISE THE CUSTOMER THAT THIS UPGRADE WILL SIGNIFICANTLY IMPROVE ENGINE IDLE AND LOW SPEED PERFORMANCE. IT WILL ALSO SLIGHTLY INCREASE THE ENGINE SOUND LEVEL DURING WARM IDLE, WHICH IS A NORMAL OPERATING CHARACTERISTIC OF DIESEL ENGINES.**

**SERVICE PROCEDURE**


Before reprogramming, verify correct engine oil level and confirm proper operation of the ICP/IPR (refer to PC/ED Manual). Calibration updates are available on WDS software version B27.9 or later, or at [www.motorcraft.com](http://www.motorcraft.com).

PCM CALIBRATION INFORMATION					
Application	Old Part Number	Old Tear Tag	New Part Number	New Tear Tag	WDS Qualifier
F250/350 M/T FEDERAL	3C3A-12A650-BHM	ADM1	3U7Z-12A650-FPA	PYP0	B27.9 or Later
F250/350 M/T CALIFORNIA	3C3A-12A650-BJM	BEY1	3U7Z-12A650-FRA	RNT0	B27.9 or Later
F450/550 M/T 50S	3C3A-12A650-BMM	CNN1	3U7Z-12A650-FSA	SXY0	B27.9 or Later
F250/350 A/T FEDERAL, CFFV	3C3A-12A650-BDM	DAX1	3U7Z-12A650-FTA	TEC0	B27.9 or Later
F250/350 A/T CALIFORNIA	3C3A-12A650-BFM	EVR1	3U7Z-12A650-FUA	UTU0	B27.9 or Later
F450/550 A/T 50S, CFFV	3C3A-12A650-BKM	FUJ1	3U7Z-12A650-FVA	VRA0	B27.9 or Later
EXCURSION A/T FEDERAL	3C7A-12A650-GM	GYM1	3U7Z-12A650-FXA	XSV0	B27.9 or Later
EXCURSION A/T CALIFORNIA	3C7A-12A650-HM	HAY1	3U7Z-12A650-FYA	YMP0	B27.9 or Later

**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.

## Article No. 03-20-12 Cont'd.

Obtain an Authorized Modifications Decal (FPS 8262 - obtainable through DOES II, 25/pkg) and list the date, dealer number, and summary of modifications performed. Select a prominent place adjacent to the Vehicle Emission Control Information Decal suitable for installing the Authorized Modifications Decal. Clean the area, install the decal, and cover it with a clear plastic decal shield.

	<b>AUTHORIZED MODIFICATIONS</b>
<b>THE FOLLOWING MODIFICATIONS HAVE BEEN MADE:</b>	
<i>Reprogrammed Powertrain Control Module</i>	
<i>(PCM) Per TSB 03-20-12</i>	
THESE MODIFICATIONS HAVE BEEN APPROVED, AS APPROPRIATE, BY EPA AND CARB.	
DEALER NUMBER:	DATE:
CHANGE AUTHORITY:	
FPS 8262 9/78    FORD MOTOR COMPANY    PRINTED IN U.S.A.	

**OTHER APPLICABLE ARTICLES:** NONE  
**WARRANTY STATUS:** INFORMATION ONLY