

- **IDLE—IDLE SPEED TOO LOW WHEN COLD—VEHICLES WITHOUT CRUISE CONTROL AND WITH 7.3L DIESEL ENGINE**
- **ENGINE—7.3L DIESEL—IDLE SPEED TOO LOW WHEN COLD—VEHICLES WITHOUT CRUISE CONTROL**

**Article No.
03-21-35**

FORD: 1999 SUPER DUTY F SERIES, F-650

Article **99-18-2** is being republished in its entirety as part of a consolidated 7.3L diagnostic aid booklet.

ISSUE

On some vehicles not equipped with cruise control, the engine may idle at the normal engine RPM but lacks the cold engine idle kicker function to raise the engine RPM similar to those vehicles equipped with cruise control. This may be due to the Powertrain Control Module (PCM) strategy.

ACTION

Reprogram the PCM. Refer to the following PCM Reprogramming Information Table for calibration details.

PCM REPROGRAMMING INFORMATION		
Application	New Tear Tag	NGS/WDS Qualifier
F-250/350 - Federal Warm/Manual	QEKx	WDS B26.2 Release or Later
F-450/550/650 - Federal Cold/Manual	ZHLx	WDS B26.2 Release or Later
F-450/550/650 - 50S Warm/Manual	VRPx	WDS B26.2 Release or Later
F-250/350 - 50S Cold/Manual	BAWx	WDS B26.2 Release or Later
F-250/350 - California Warm/Manual	GLIx	WDS B26.2 Release or Later
F-250/350 - California Cold/Manual	SBJx	WDS B26.2 Release or Later
F-250/350 - California Warm/Automatic	XWFX	WDS B26.2 Release or Later
F-250/350 - California Cold/Automatic	HQNx	WDS B26.2 Release or Later
F-250/350 - Federal Warm/Automatic	YEVx	WDS B26.2 Release or Later
F-450/550/650 - Federal Cold/Automatic	MRTx	WDS B26.2 Release or Later
F-450/550/650 - 50S Warm/Automatic	RXMx	WDS B26.2 Release or Later
F-450/550/650 - 50S Cold/Automatic	LVSx	WDS B26.2 Release or Later

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.

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. 03-21-35 Cont'd.



AUTHORIZED MODIFICATIONS

THE FOLLOWING MODIFICATIONS HAVE BEEN MADE:

*Reprogrammed Powertrain Control Module
(PCM) per TSB 03-21-35.*

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
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WARRANTY STATUS: INFORMATION ONLY