

- **DRIVEABILITY—BUCK/SURGE FELT WITH SPEED CONTROL ENGAGED—7.3L ENGINE ONLY**
- **ELECTRICAL—BUCK/SURGE FELT WITH SPEED CONTROL ENGAGED—7.3L ENGINE ONLY**
- **ELECTRICAL—SPEED CONTROL—BUCK/SURGE FELT WITH SPEED CONTROL ENGAGED—7.3L ENGINE ONLY**

**Article No.
03-21-40**

FORD: 1997 F-250, F-350
1999-2000 F SUPER DUTY
2000 EXCURSION

Article **00-25-4** is being republished as part of a consolidated 7.3L diagnostic aid booklet and to update the calibration table.

ISSUE

Some vehicles may exhibit an engine buck, surge, or jerk (also known as hitching/hesitation) while the speed control is active through all engine temperatures. This may be caused by the calibration and strategy of the Powertrain Control Module (PCM).

ACTION

Reprogram the PCM. Refer to the following PCM Calibration Information Chart for details.

NOTE

IF THERE IS A BUCK/SURGE CONDITION WHILE NOT USING THE SPEED CONTROL, OR DURING ENGINE WARM-UP, REPROGRAMMING THE PCM WILL NOT CORRECT THE CONDITION.

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. 03-21-40 Cont'd.

PCM CALIBRATION INFORMATION					
Application	Old Part Number (-12A650-)	New Part Number (-12A650-)	Old Calibration	New Calibration	NGS/WDS Qualifier
1997 F-250/350 A/T California	F7TF-RA	F7TZ-RH	7-90P-R00	7-90P-R13	WDS B25.3 Release or later
1999 F-250/350 A/T Federal - Warm Weather	F81F-NA	F81Z-NJ	9DTA-ACA	9DTA-ACF	WDS B25.3 Release or later
1999 F-250/350 A/T Federal - Cold Weather	F81F-BB	F81Z-BK	9DTA-AJA	F81F-BK	WDS B25.3 Release or later
1999 F-450/550/560 A/T 50S - Warm Weather	F81F-RA	F81Z-RJ	9DTA-ADA	9DTA-ADF	WDS B25.3 Release or later
1999 F-450/550/560 A/T 50S - Cold Weather	F81F-PA	F81Z-PJ	9DTA-ALA	9DTA-ALF	WDS B25.3 Release or later
1999 F-250/350 A/T California - Warm Weather	F81F-SA	F81Z-SJ	9DTA-BBA	9DTA-BBF	WDS B25.3 Release or later
1999 F-250/350 A/T California - Cold Weather	F81F-DB	F81Z-DK	9DTA-BEA	9DTA-BEF	WDS B25.3 Release or later
1999 F-250/350 A/T Federal - Warm Weather	XU2F-ZA	XU2Z-ZD	9DTA-ARC	9DTA-ARC	WDS B25.3 Release or later
1999 F-250/350 A/T Federal - Warm Weather	XC3F-NB	XU2Z-ZD	9DTA-ARA	9DTA-ARC	WDS B25.3 Release or later
1999 F-250/350 A/T Federal - Cold Weather	XU2F-RA	XU2Z-RD	9DTA-AUC	9DTA-AUC	WDS B25.3 Release or later
1999 F-250/350 A/T Federal - Cold Weather	XC3F-BB	XU7Z-AB	9DTA-AUA	0F729S0A00	WDS B25.3 Release or later
1999 F-450/550/560 A/T 50S - Warm Weather	XU2F-ABA	XU2Z-ABD	9DTA-ASC	9DTA-ASC	WDS B25.3 Release or later
1999 F-450/550/560 A/T 50S - Warm Weather	XC3F-RB	XU2Z-ABD	9DTA-ASA	9DTA-ASC	WDS B25.3 Release or later
1999 F-450/550/560 A/T 50S - Cold Weather	XU2F-AAA	XU2Z-AAD	9DTA-AVC	9DTA-AVC	WDS B25.3 Release or later
1999 F-450/550/560 A/T 50S - Cold Weather	XC3F-PB	XU7Z-BA	9DTA-AVA	0F729T0A00	WDS B25.3 Release or later
1999 F-250/350 A/T California - Warm Weather	XU2F-ACA	XU2Z-ACD	9DTA-BHB	9DTA-BHB	WDS B25.3 Release or later
1999 F-250/350 A/T California - Warm Weather	XC3F-SB	XU2Z-ACD	9DTA-BHA	9DTA-BHB	WDS B25.3 Release or later
1999 F-250/350 A/T California - Cold Weather	XU2F-TA	XU2Z-TD	9DTA-BKB	9DTA-BKB	WDS B25.3 Release or later
1999 F-250/350 A/T California - Cold Weather	XC3F-DB	XU7Z-DA	9DTA-BKA	9DTA-BKC	WDS B25.3 Release or later
2000 F-250/350 A/T Federal - Cold Weather	XU7F-AA	XU7Z-AB	0F729S0A00	0F729S0A00	WDS B25.3 Release or later
2000 F-250/350 A/T Federal - Cold Weather	XC3F-BB	XU7Z-AB	9DTA-AUA	0F729S0A00	WDS B25.3 Release or later
2000 F-450/550 A/T 50S - Cold Weather	XU7F-BA	XU7Z-BB	0F729T0A00	0F729T0A00	WDS B25.3 Release or later
2000 F-450/550 A/T 50S - Cold Weather	XC3F-PB	XU7Z-BA	9DTA-AVA	0F729T0A00	WDS B25.3 Release or later
2000 F-450/550 A/T CFFV - Cold Weather	YU7F-CA	YU7Z-CB	0F719P0B12	0F719P0B12	WDS B25.4 Release or later

PCM CALIBRATION INFORMATION					
Application	Old Part Number (-12A650-)	New Part Number (-12A650-)	Old Calibration	New Calibration	NGS/WDS Qualifier
2000 F-450/550 A/T CFFV - Cold Weather	YC3F-BCB	YU7Z-CA	0F719P0B12	0F719P0B12	WDS B25.4 Release or later
2000 F-250/350 A/T California - Cold Weather	XU7F-CA	XU7Z-CB	0F719N0B11	0F719N0B11	WDS B25.4 Release or later
2000 F-250/350 A/T California - Cold Weather	XC3F-DDB	XU7Z-CA	0F719N0B1	0F719N0B11	WDS B25.4 Release or later
2000 F-250/350 A/T California - Cold Weather	XU7F-DA	XU7Z-DB	9DTA-BKC	9DTA-BKC	WDS B25.4 Release or later
2000 F-250/350 A/T California - Cold Weather	XC3F-DB	XU7Z-DA	9DTA-BKA	9DTA-BKC	WDS B25.4 Release or later
2000 Excursion A/T 50S - EPATS/GPCM	YU7F-AA	YU7Z-AB	0L119Y0B11	0L119Y0B11	WDS B25.4 Release or later
2000 Excursion A/T 50S - EPATS/GPCM	YC3F-AVA	YU7Z-AA	0L119Y0B10	0L119Y0B11	WDS B25.4 Release or later
2000 Excursion A/T 50S - EPATS	YU7F-BA	YU7Z-BB	0L119Y0B07	0L119Y0B07	WDS B25.4 Release or later
2000 Excursion A/T 50S - EPATS	YC3F-ARC	YU7Z-BA	0L119Y0B00	0L119Y0B07	WDS B25.4 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.

OTHER APPLICABLE ARTICLES: NONE
SUPERSEDES: 00-25-4
WARRANTY STATUS: INFORMATION ONLY

	AUTHORIZED MODIFICATIONS
THE FOLLOWING MODIFICATIONS HAVE BEEN MADE:	
<i>Replaced or Reprogrammed Powertrain Control Module (PCM) per TSB 03-21-40.</i>	
THESE MODIFICATIONS HAVE BEEN APPROVED, AS APPROPRIATE, BY EPA AND CARB.	
DEALER NUMBER:	DATE:
CHANGE AUTHORITY:	
<small>FPS 8262 9/78 FORD MOTOR COMPANY PRINTED IN U.S.A.</small>	