

6.0L Powerstroke Super Duty/Excursion Calibration Update Summary

Note: The document below summarizes the most recent Running Changes (RC) to the 6.0L Powerstroke Super Duty/Excursion calibration. The chart shows the most recent calibration release in the far right column. This document summarizes the different symptoms that are addressed/fixes with each different calibration update.

Note: As shown in the chart below, calibration release are cumulative.

Running Change (RC)	RC1	RC2	RC3	RC3s	RC4	RC5	RC6
1 st WDS level containing calibration	B22N.3	B23.4	B23.0.8	B24.5	B24.11	B26.7	B27.9
SSM Number	16495	16575	16647	16744	16839	17048	TSB 03-20-12
Service Implementation (PCM/FICM)	12/13/2002	1/29/2003	2/20/2003	4/3/2003	5/8/2003	8/8/2003	10/3/2003
Production Implementation - PCM	12/16/2002	2/4/2003	2/24/2003	n/a	5/19/2003	8/18/2003	N/A
Production Implementation - FICM	Job#1	Job#1	2/24/2003	3/31/2003	3/31/2003	8/18/2003	N/A
Symptoms Addressed							
Flare on upshifts from 3rd gear	X	X	X	X	X	X	X
Cold start rough idle in "Park" or "Neutral"		X	X	X	X	X	X
Cold restart rough idle in "Park" or "Neutral"		X	X	X	X	X	X
Cold idle kicker enhancement (for improved cab heat during extended idles)		X	X	X	X	X	X
Cold start rough idle in "Drive" or "Reverse"			X	X	X	X	X
Cold start poor throttle response			X	X	X	X	X
Low power following a cold start/extended idle (may be cleared by cycling the key). Phase 1			X	X	X	X	X
Harsh Torqshift engagements			X	X	X	X	X
Harsh Torqshift 2-3 upshifts			X	X	X	X	X
Coasting Torqshift 5-3 downshifts			X	X	X	X	X
Cold Torqshift 3-5 flare			X	X	X	X	X
Modified Torqshift TR_DC values			X	X	X	X	X
Activation of cooling fan DTC P0528			X	X	X	X	X
Hesitation on light acceleration				X	X	X	X
Enhanced power take off (PTO) functionality				X	X	X	X
Low power following a cold start/extended idle (may be cleared by cycling the key). Phase 2					X	X	X
False cooling fan DTC P0528					X	X	X
No/slow accel. pedal response when engaging Torqshift transmission					X	X	X
Rough idle/RPM surge/smoke on very light throttle tip-in-most noticeable while maneuvering a load						X	X
Improved air conditioner performance at idle						X	X
Minor manual transmission launch performance enhancements						X	X
Smoother downshift when in tow/haul mode around 20 mph						X	X
Improved performance during vehicle operation at low altitude/high barometric pressure						X	X
Diagnostic upgrades						X	X
CAN communication protocol upgrades to improve compatibility with some aftermarket scan tools						X	X
Improved cold start hard acceleration performance							X
Improved idle stability on hot restarts and warm eng. idle (single shot injector strategy)							X
Cold idle kicker enhancements							X
U0306 after reflash fix							X
P2263 enhancements							X
P0196 enhancements							X