



BD High Flow CP3 Pump Kit

For Duramax 2001-2010

P/N#	1050651
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This CP3 is based on the LBZ model CP3, which is superior to the LB7 and LLY series of pumps.

This CP3 will have a LBZ metering unit (FCA or MPROP). This may affect your idle, but can be corrected (scaled) using tuning (ie EFI Live) or installing the correct metering unit on your CP3. You can also transfer your metering unit from you stock pump or core.

Model Year	Bosch Part#
2001-04.5	0928400535
2004.5-05	0928400653

For install please consult the GM repair handbook.

BD Engine Brake Inc.

Plant Address: 33541 MacLure Rd. Abbotsford, BC, Canada V2S 7W2

U.S. Shipping Address: 88-446 Harrison St, Sumas, WA 98295 U.S. Mailing Address: P.O. Box 231, Sumas, WA 98295

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The screenshot shows the EFLive Tune V7.5 software interface for calibrating the Rail Pressure Valve Current. The main window displays a graph of the current (mA) versus the desired fuel flow (mm3 per Second). The graph shows a linear relationship between the two variables. Below the graph is a table of values for the Rail Pressure Valve Current. The table has two columns: 'Value' and 'mm3 Per Second (link: GM.FUELO_MAIN_DMA)'. The values range from 0 to 60000. The current values range from 1550 to 0. The interface also includes a list of parameters on the left side, with 'Rail Pressure Valve Current' selected. The top of the window shows the title bar and menu options (File, Edit, View, Calibration, Flash, Window, Help). The bottom of the window shows the Windows taskbar with various icons and the system clock (9:44 PM, 7/6/2015).

Rail Pressure Valve Current

Units: Minimum: 0 Maximum: 2000 EFLive limits.

Description RTACS User notes
This table converts the desired fuel flow (mm3 per Second) to the amount of current required to obtain that flow.

Value	mm3 Per Second (link: GM.FUELO_MAIN_DMA)
0	1550
1000	1500
2000	1460
3000	1425
4000	1390
5000	1374
6000	1365
7000	1355
8000	1340
9000	1325
10000	1315
11000	1295
12000	1255
20000	1140
28000	983
36000	775
44000	500
52000	0
60000	0

{B1010} Rail Pressure Valve Current
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