



BULLY DOG



DETROIT DDEC IV & DDEC V Big Rig Power Pup

The Power Pup Downloader is a programmer/tuner that downloads horsepower and economy enhancing software into '98-'07 Detroit Diesel DDEC IV & DDEC V engines (does not yet work on '08 vehicles with a diesel particulate filter or on DDEC VI engines).

ENGINE TUNING FEATURES

There are two engine tunes included with the Power Pup:

ECONOMY: Select this engine tune to improve fuel economy. The economy tune will also include a slight power increase due to a more complete, more efficient fuel burn within the engine cylinder.

POWER+ECONOMY: Select this engine tune for approximately 15% more power to the wheels and improved fuel economy. This tune includes all of the benefits of the Economy Tune settings during cruise and periods of low engine load. During periods of high demand this tune will respond automatically with a moderate increase in power.

Due to the tremendous improvements in fuel economy, this product pays for itself in just a matter of a few months and over time saves drivers and fleets thousands of dollars within the first year of using the product.

POWER PUP DOWNLOADER

VEHICLE APPLICATIONS	Hp/Torque (rear wheel)	PART #	Packaging Weight	Packaging Dimension	UPC Code	Retail \$
Detroit Diesel (DDEC IV & V) '98-'07	up to 75 hp/220 ft.-lbs	46350	4 lbs.	14X10.5X3.5	681018465304	\$2800.00

POWER PUP DOWNLOADER FEATURES:

IMPROVED FUEL ECONOMY

The main benefit provided by the Power Pup is improved fuel economy. This product carries the highest improvements in fuel economy available in the aftermarket for any Class 8 truck. See our ROI (return on investment) calculator and customer testimonials online at:

www.bullydogbigrig.com

MORE POWER

Depending on the original horsepower/torque rating of the engine this software adds between 40-75 rear wheel horsepower which equates to a 15% gain in horsepower across all Detroit Diesel engines.

INTERNET UPDATABLE

The Power Pup can easily be updated online to account for new Power Pup features, new vehicle applications, and technical support issues. Our online updating program, The Update Agent, makes this fast, easy and convenient. Internet Updates cannot be used to facilitate vehicle transfers.

NO INTERFERENCE WITH STOCK SETTINGS

The Power Pup does not affect any factory specialty settings such as Load Based Speed Control, Gear Down Protection, Idol Control, Rev limiters, or Speed Governors.

HOW TO:

- **Install the Power Pup:** The Power Pup plugs into the Data port beneath your steering column for programming.
- **Update Online:** Internet updates are made available when new calibrations are developed and when new vehicle applications become available. Internet updates are available through our download center. The vehicle must be downloaded back to OEM stock before the downloader can be updated. To access the latest updates visit www.bullydogbigrig.com, the Bully Dog Download Center. Internet Updates cannot be used to facilitate vehicle transfers.

TECHNICAL DATA SHEET

DETROIT SERIES 60 12.7L (DDEC IV & DDEC V)

Stock Advertised Horsepower	Stock Advertised Peak Torque	Horsepower With Power Pup	Torque with Power Pup	Change in Horsepower	Change in Torque
390	1350	449	1553	59	203
380	1350	437	1553	57	203
380/390	1350	449/437	1553	59	203
445	1450	512	1668	67	218
435	1450	500	1668	65	218
425	1450	489	1668	64	218
425/445	1450	489/512	1668	64	218
455	1550	523	1783	68	233
450	1550	518	1783	68	233
445	1550	512	1783	67	233
445/455	1550	512/523	1783	67	233

DETROIT SERIES 60 14.0L (DDEC IV & DDEC V)

Stock Advertised Horsepower	Stock Advertised Peak Torque	Horsepower With Power Pup	Torque with Power Pup	Change in Horsepower	Change in Torque
490	1550	564	1783	74	233
455	1550	523	1783	68	233
455/490	1550	523/564	1783	68	233
515	1550	592	1783	77	233
490	1550	564	1783	74	233
455	1550	523	1783	68	233
455/515	1550	523/564	1783	68	233
515	1650	592	1898	77	248
490	1650	564	1898	74	248
470	1650	541	1898	71	248
470/515	1650	541/592	1898	71	248
470/490	1650	541/592	1898	77	248