



BULLY DOG



CUMMINS ISX, ISM Big Rig Power Pup

The Power Pup Downloader is a programmer/tuner that downloads horsepower and economy enhancing software into '03-'09 Cummins ISX and ISM 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 \$
Cummins (ISX, ISM) '03-'09	up to 75 hp/220 ft.-lbs	46510	4 lbs.	14X10.5X3.5	681018465106	\$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 Cummins 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, Idle 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

INCREASES IN HORSEPOWER FOR ECONOMY WITH POWER TUNE

CUMMINS ISX POWER CHART

Engine Model	Stock Advertised Horsepower	Stock Advertised Peak Torque	Horsepower With Power Pup	Torque With Power Pup	Change In Horsepower	Change In Torque
ISX 565	565	1850	650	2128	85	278
ISX 530	530	1850	610	2128	80	278
ISX 500	500	1850	575	2128	75	278
ISX 500	500	1650	575	1898	75	248
ISX 475	475	1850	546	2128	71	278
ISX 475	475	1650	546	1898	71	248
ISX 450	450	1650	517	1898	67	248
ISX 450	450	1550	517	1783	67	233
ISX 400	400	1650	460	1898	60	248
ISX 400	400	1550	460	1783	60	233
ISX 400	400	1450	460	1668	60	218
ISX 500 ST	500	1650/1850	575	1898/2128	75	248/278
ISX 475 ST	475	1650/1850	546	1898/2128	71	248/278
ISX 450 ST	450	1450/1650	517	1668/1898	67	218/248
ISX 400 ST	400	1450/1650	460	1668/1898	60	218/248
ISX 385 ST	385	1450/1550	443	1668/1783	58	218/233
ISX 465V	465	1650	535	1898	70	248
ISX 435V	435	1450	500	1668	65	218

CUMMINS ISM POWER CHART

Engine Model	Stock Advertised Horsepower	Stock Advertised Peak Torque	Horsepower With Power Pup	Torque With Power Pup	Change In Horsepower	Change In Torque
ISM 410	410	1550	472	1783	62	233
ISM 370	370	1450	426	1668	56	218
ISM 370	370	1350	426	1553	56	203
ISM 350	350	1350	403	1553	53	203
ISM 330	330	1350	380	1553	50	203
ISM 330	330	1250	380	1438	50	188
ISM 310	310	1150	357	1323	47	173
ISM 280	280	1150	322	1323	42	173
ISM 350 ST	350	1350/1450	403	1553/1668	53	203/218
ISM 330 ST	330	1250/1350	380	1438/1553	50	188/203
ISM 425V	425	1550	489	1783	64	233
ISM 385V	385	1450	443	1668	58	218
ISM 385V	385	1350	443	1553	58	203
ISM 350V	350	1450	403	1668	53	218
ISM 350V	350	1350	403	1553	53	203
ISM 320V	320	1150	368	1323	48	173
ISM 285V	285	1150	328	1323	43	173