NEW PRODUCTS 2020

INNOVATION DRIVEN BY COMPETITION.

Find more info on all these new products and more at: BDDIESEL.COM
**FORD PERFORMANCE**

**6.7L POWER STROKE SCREAMER TURBO**
- 64.0mm Billet compressor wheel
- Custom mixed flow turbine (MFT) wheel, 65mm exducer
- Drop-in stock-appearing turbo
- Increased airflow without compromising on low end drivability
- Large 65mm “mixed flow” turbine wheel increases turbine flow and retains efficiency
- More boost, lower drive pressure, and lower EGT’s
- No tuning required and does not set engine codes
- Up to 81 lb/min of airflow
- VSR high speed balanced

*Tuning Required Cab & Chassis models

**6.7L RETROFIT TURBO KITS**
FORD 2011-2014 F250/F350 & 2011-2016 F450/F550*

**RETROFIT SCREAMER**
- Recommended for those under 500hp or utilizing stock CP4
- 64.0mm Billet compressor wheel
- Custom mixed flow turbine (MFT) wheel with a large 65mm exducer
- Up to 81 lb/min of airflow
- More boost, lower drive pressure, and lower EGT’s
- Kit includes a BD custom cast turbine housing backing plate, compressor cover and pedestal
- Quick install time
- Everything included, no extra pieces required
- Stock replacement option also available
- VSR high speed balanced

*Tuning Required, PPEI Recommended

**RETROFIT**
- Replace the petite GT32 turbo on the 2011-2014 Ford 6.7L
- Solve the common Ford Single Sequential Turbocharger (SST) failure. Replaced with larger GT37 model
- Fix the turbo problem once and for all
- Up to 66 lb/min of airflow
- VSR high speed balanced
- Kit includes a BD custom cast turbine housing, backing plate, compressor cover and pedestal
- Quick install time
- Everything included, no extra pieces required
- Screamie Retrofit kit recommended above 500hp

*Tuning Required, Edge CTS Recommended

**FORD 6.7L EXCHANGE TURBOS**
FORD 2015-2016 6.7L PICK-UP
2017-2019 6.7L PICK-UP
2017-2019 6.7L CAB-CHASSIS
**6.7L Powerstroke Exhaust Manifold**


- Performance high-silicon ductile cast iron
- 75% thicker walls retain heat and prevents warping
- Machined thicker bolting flange
- Includes the longest stud and spacer kit that fits across all 8-cylinders
- Longer exhaust studs improve thermal durability
- Thick spacers are black oxide coated
- Designed using computation fluid dynamics
- Exhaust ports are gasket matched to maximize exhaust flow
- High temperature POR 15 black coated
- Gaskets included: exhaust manifold, cross over tube, EGR port
- M8 stud install tool included
- Fully EGR compatible

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**Matched Set**

**Ford 6R140 Trans Package**

2011-2014 F250 / F350 / F450 / F550

A matched set that has been dyno tested together for ultimate performance, and reliability. For towing, street or track, when it comes to a dependable transmission that will stand up to your diesel’s power and torque demands, the clear choice is BD.

**BD Transmission**

- More clutches compared to stock and competitors
- Custom BD patent pending pressure plates increase clutch count without sacrificing part strength
- Brand new valve body
- Electronic Line Pressure
- Controller for up to 300psi Line Pressure

**BD Pressure Controller**

- 76% more theoretical holding power
- Delivers up to 300psi line pressure at WOT
- Only active when boost over 15psi
- Does not create parasitic load or extra heat when inactive

**BD Torque Converter**

- Ideal replacement for tired stock torque converter
- Great for street and towing
- Dual surface clutch assembly
- Machined steel reaction ring
- Furnace-brazed pump and turbine fins
- Fully re manufactured for long service life

**Includes BD Heavy Duty Trans Pan**

**6R140 Flexplate 6.7L w/ 6-Bolt Converter**

2011-2019 Ford F250

- Balanced to OE specifications
- One piece billet machined with integrated counterweight
- Black oxide coated
- Manufactured from Quench and Tempered Steel with a Yield strength of 100,000psi
- Heat treated and hardened ring gear to last longer
- Fits OEM & aftermarket 6-bolt torque converters
PREVENT WANDERING, WOBBLE, & STEERING INSTABILITY

TRACK BAR
FORD 2017-2019
- Adjustable to accommodate up to 4" lifts, and even more if used with a drop bracket!
- Made from high strength, heat treated forged components
- Helps eliminate “Death Wobble” in lifted trucks
- No need to remove bar from the truck to adjust
- Exclusive Black Cerakote coating
- Drive straighter with more positive steering feel
- Long lasting, easily serviceable polyurethane bushings

FORD CAM CASTER
FORD 2011-2020 F250/F350 (4WD) & F450/F550 (2WD/4WD)
- Prevents wandering, wobble, pulling, stiff steering or even the inability to keep your truck on the road caused by suspension lifts, level lifts or larger tires.
- Allows adjustments for up to an additional 3.0 degrees positive caster
- Quick and easy driveway install
- Reduces tire cupping and helps steering wheel return to center
- Gas & Diesel

EXCEPTIONAL ENGINE PERFORMANCE WHILE MAINTAINING RESPONSIVENESS AND EFFICIENCY

SCREAMER TURBO FORD 3.5L ECOBOOST
2011-2016 F-150
- Compressor stages & temperature-resistant materials give exceptional engine performance while also maintaining responsiveness and efficiency
- Bolt-on solution that requires minimal changes
- Drops in to the stock location
- Support up to 35% more air, 29 lbs/min
- Up to 450 HP with appropriate tune

6.0L POWERSTROKE UPPIPES KIT W/EGR CONNECTOR
FORD 2004.5-2007
- Fully EGR compatible - Meets CARB emission requirements
- Ductile cast iron Y-pipe design is a perfect fit and eliminates leaks and weld failures
- Larger diameter 304 stainless steel up pipes includes internally shielded stainless steel expansion bellows
- V-band connections provide a flexible, easy aligning tight fit
- Stainless steel uppipe clamps included
- Maximizes your turbo response time and eliminates exhaust leaks
**DODGE PERFORMANCE**

**6.7L CUMMINS TURBO STOCK REPLACEMENT**
2007.5-2012 DODGE PICK-UP HE351

- Quality exchange OEM turbocharger remanufactured in our state of the art facility.
- Remanufactured to new factory standards.
- High speed VSR precision balanced.

**TURBO MOUNTING KITS**
HX / HY / HE351 / HE300VG / S300
- Perfect for turbo RE&RE
- Has all the necessary hardware for your turbo re-install
- Helps prevent leaks and to replace any older studs that might be prone to future breakage.
- Kits includes gaskets, studs and miscellaneous hardware to install T3, T4, HE351 and HE300VG mounted turbos.

**HE300VG/HE351 TURBO ACTUATOR**
DODGE 2007.5-2012 6.7L CUMMINS
DODGE 2013-2018 6.7L CUMMINS
- Replaces a common failure on the HE351/HE300VG turbos
- OEM Holset replacement part
- Same actuator used on Screamer turbos

**EXHAUST MANIFOLD BOLT AND SPACER KIT**
1998.5-2018 DODGE 5.9L/6.7L
- Longer than most typical aftermarket bolts
- Less likely to fatigue or stretch
- Class 10.9 bolts, black oxide spacers for improved thermal durability
- Grade 10.9 Hardware meets a balance of high strength and high toughness
- Exhaust spacers ensure fastener operates in elastic stretch without fracture or permanent yield
- Bleck Oxide coating matches BD manifolds
6.7L CUMMINS CAB & CHASSIS EXHAUST MANIFOLD
2007.5-2012 DODGE 6.7L 3500 | 4500 | 5500

- Pre-drilled for pyrometer probes
- Gaskets are available separately
- 6.7L performance stock replacement manifold for use with the Holset HE351 Turbo
- Cast of high silicon ductile iron to withstand extreme temperature cycling caused during DPF regeneration and in high performance applications
- Larger porting design than others will handle any increase in power
- Thick walled casting and integral slip joint prevents cracking and exhaust leaks
- Experience quick spool times and low drive pressures with an overall increase in performance
- Fully EGR compatible
- Open throat outlet flange outperforms the stock manifold

VENOM DUAL FUEL WITH NEW CONTROLLER
DODGE 2010-2012 / 2015-2018 6.7L CUMMINS
DODGE 2005-2009 5.9L/6.7L CUMMINS

- Capable of supplying enough fuel for over 1800hp
- Includes everything you need for a low cost, quick install
- Harness with factory connectors to plug-in both pumps
- Low profile bracket & idler for better belt wrap
- Lower profile location clears aftermarket intake horns
- Kits available with or without Duramax model CP3 pump
- Controller plugs into both pumps and splits ECM signal
- No additional tuning required

68RFE COOLER BYPASS VALVE ELIMINATOR
2013-2019 DODGE

- Ensures 100% fluid flow through the transmission cooler
- Keeps your transmission temperature as low as possible
- Fits 68RFE & Aisin AS69RC Transmission
- Eliminates factory bypass valve
- Easy to install
NEW PREMIUM LINE

PREMIUM LINE COMMON RAIL INJECTORS

- Precision calibrated and flow matched to a tolerance of +/-2% versus the OEM at +/-5%
- Manufactured by Bosch trained technicians with 30+ years of experience.
- All injectors tested and validated on a Bosch 815 test bench - Over 8 operating conditions tested
- Performance Plus injectors produces an extra 15 HP. Great for Street, Towing & Performance

NEW BOSCH SOLENOIDS
NEW BOSCH NOZZLES
NEW BOSCH CONTROL VALVES

BD INJECTORS USE GENUINE BOSCH PARTS

BOSCH

NEW WARRANTY ON OUR LINES OF RE-MANUFACTURED COMMON RAIL INJECTORS

BD is pleased to announce a 6-month injector No Hassle exchange program on our Reman Line, and Premium Line of Common Rail Injectors. This is in addition to the current warranty offered on these injectors.

What does “No Hassle” mean? BD will replace the suspect injector with another identical one, as long as the injector was not damaged during install or in a fire. All transactions will be facilitated by BD and shipped 2-Day FedEx.

CUMMINS PERFORMANCE R900 CR PUMP & INJECTORS PACKAGE
2003-2018 DODGE

- New design 12mm stroke camshaft made from custom alloy steel that is 9x tougher than S2100
- 72% increase in capacity / displacement
- Maintains rail pressure
- All that fuel without going to a dual pump system
- Long-term durability with consistent on-demand high fuel pressure supply
- Provides increased & efficient atomization resulting in more power, better combustion and lower EGT’s
- OE quality nozzles are extrude honed
- 33%, 43% or 53% Over

CUMMINS 5.9L

- STAGE 1: 650 HP
- STAGE 2: 700 HP
- STAGE 3: 775 HP

CUMMINS 6.7L

- STAGE 1: 700 HP
- STAGE 2: 775 HP
- STAGE 3: 875 HP

CRANK HORSEPOWER

- CRANK HP: 600 HP, 700 HP, 800 HP, 900 HP
CHANGE THROTTLE SENSITIVITY ON THE FLY

THROTTLE SENSITIVITY BOOSTER

Enjoy quicker engine response and acceleration with the BD Power TSBooster. Factory connections mean a painless install giving you six acceleration levels and a security mode.

TSBooster doesn’t affect warranty or tamper with emissions. Visit tsbooster.com to find the right application for your year and model of vehicle.

The TSBooster has a wide range of applications including: Dodge, Ram, Jeep, Ford, Lincoln, Chevrolet, Chrysler, Toyota, Nissan, Subaru, Cadillac, GMC, Fiat, Saturn, BMW, Buick, Alpha Romeo and many other Cars, Trucks and SUV’s

FEATURES

☑️ Gas, Diesel, & Electric
☑️ Quicker engine response and acceleration
☑️ Valet and security modes
☑️ Easy install
☑️ Reduce pedal lag
☑️ Multiple sensitivity settings
☑️ Doesn’t affect warranty
☑️ No emission tampering

NO NEED TO PROGRAM. TSBooster’s sophisticated A.I. will do the work for you, learning the appropriate settings for your particular application from your throttle inputs.

Contact your BD Diesel Sales Representative to learn more. 1-800-887-5030 sales@bdddiesel.com bdddiesel.com

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