## We Beat the Competition

Competitive Advantage Checklist					
Feature	Feature Delivers	Ford	Competitor		
Bore Spray	<ul> <li>The only high volume V8 remanufactured diesel engines available with this advanced technology*</li> <li>Standard size cylinder bores in brand new condition</li> </ul>	$\checkmark$	-		
2 Year Limited Warranty (Complete 6007 & Long Block 6006)	Parts and labor covered against defects for 2 years & unlimited miles.	$\checkmark$	-		
1 Year Limited Warranty (Long Block Stripped 6012 & Short Block 6009)	Parts and labor covered against defects for 1 year & unlimited miles.	$\checkmark$	-		
Limited Warranty Coverage	<ul> <li>Ford remanufactured powertrain and components can be serviced under warranty at the original installer or at any Ford or Lincoln dealership nationwide.</li> <li>Includes component parts and over the counter sales (U.S.)</li> <li>Commercial vehicle applications included</li> </ul>	1	-		
No Fault Core Policy	When engine core is accepted for return, 100% credit will be given. No core credit deductions will be assessed for the quality of the returned engine core.	$\checkmark$	-		
Product Support	Easy access to product & technical information	$\checkmark$	-		

\* NOTE: Available on 6.4L and 6.0L Ford Remanufactured diesel engines, subject to bore spray manufacturing capacity.

See your Ford and Lincoln dealer for details.

Original Equipment Quality Benefits						
All New Components						
- Water Pump	- Glow Plugs	- Pistons				
- Oil Cooler	- Gaskets, Seals	- Piston rings				
- Valves & Valve Guide Inserts	- O-Rings	- Sensors				
- Block Heater	- Thermostat	- EGR Cooler (6.0L only)				
Remanufacturing Process						

- State of the art bore spray welding procedure available only on Ford 6.0L and 6.4L Remanufactured diesel engines, results in standard size cylinder bores in brand new condition.
- Cylinder bores are diamond plateau honed to OEM specifications for reduced oil consumption, optimum performance, and power cylinder durability.
- Cylinder head to block mating surface machined to ensure optimum flatness & surface finish. 100% of remanufactured heads are Wet Magnaflux checked for cracks.
- Crankcase is 100% leak tested for leaks in coolant /oil passages, & the air management system to ensure sealing integrity.
- High pressure oil pumps are leak & performance tested using OE specified flow/pressure criteria.

- 6.0L & 6.4L turbochargers incorporate component
   & assembly high speed balancing to ensure optimum balance & NVH characteristics. This results in quiet operation & maximum bearing life.
- Connecting rods & caps are kept as a matched set throughout the remanufacturing process & are fitted with new connecting rod bolts, ensuring maximum bearing life.
- Camshafts are checked for clearance, dimensional tolerance, heat treatment, & surface finish criteria ensuring maximum bearing life & design strength.
- Complete (6007) & Long Block (6006) engines must pass an engine dynamometer hot test and oil analysis.

# Trust Only Motorcraft Original Equipment Maintenance Products

#### 6.4L & 6.0L Diesel Engines\*

#### **Oil Filters:**

- Recommended by Ford Motor Company for use in your Power Stroke Diesel engine
- $\cdot$  Engage and close oil drain to ensure all oil enters the filtration path
- Properly engage the oil filter bypass valve on the top of the oil filter stand pipe
- Meet EPA standards of a fully crushable and combustible filter
- Environmentally responsible top-loaded, dripless cartridge element

#### **Fuel Filters:**

- Recommended by Ford Motor Company for use in your Power Stroke Diesel engine
- Special outer wrap keeps moisture out. Patented Aquabloc Technology ensures separation of water from fuel
- Primary fuel filter removes all particles 10 microns and larger
- Air bleed orifice is engineered to utilize the full potential of the filter pleats. This allows air to be completely purged from the module, ensuring proper fuel flow.
- Secondary fuel filter removes all particles 4 microns and larger

#### **Air Filters:**

- Contain twice the amount of filter media vs. conventional pleated filters
- · Stop 99.99% of contaminants 1 micron or larger
- Green technology improves disposal through metal free design

#### **Cetane Booster & Performance Improver:**

- Boosts power
- · Improves fuel economy
- · Improves starting ability
- · Smooths engine operation
- · Ultra Low Sulfur Diesel (ULSD) compliant
- · Adds lubricity to fuel to reduce engine wear
- Available in three sizes to treat one tank, 125 gallons (473 Liters), or 1,000 gallons (3,785 Liters)

\*For details on 7.3L maintenance products visit www.FordParts.com



www.PowerStrokeDiesel.com

GENUINE POWER. GENUINE PERFORMANCE. GENUINE PARTS.

# Remanufactured Diesel Engines





### **Choose the Remanufactured Diesel Engine That Can't Be Beat:**

- OEM Perfect Fit Every Time
- No-Risk Core Return
- Bore Spray Technology
- Same or Next Day Delivery
- Competitive Prices
- Nationwide Warranty Coverage\*

Ford

## FORD PARTS

\*See Service Advisor for warranty details.

## **6.4L DIT**

Trim Level	Bill Of Materials	Short Block Enhanced (6009)	Long Block Enhanced (6006)
	Breather		
	Exhaust Tubes		
	Exhaust Crossover Pipes with Converter		
	EGR Cooler # 1 (Horizontal)		
	Fuel Cooler		
	Fuel Cooler Tube		
	Heater Tube		
	Oil Fill Cap		
Complete (6007)	Sensor - EGR Cooler Outlet Temperature (EGRT - In)		
Complete (6007) Model Years 2008-2010	Sensor - Exhaust Back Pressure (EBP)		
	Turbocharger (Dual Stage)		
	Block Heater		
	Cylinder Heads		•
	Exhaust Manifold		•
	Fuel Injectors		
	Fuel Pump		•
	Fuel Pump Gear		
Same.	Fuel Rails		
	Fuel Return Tube		
	Fuel Supply Tube		
	Glow Plugs		
	Intake Manifold		
	Lifting Eyes		
	Push Rods		
Long Block Enhanced (6006) Model Years 2008-2010	Sensor - Intake Air Temperature (IAT2)		•
	Turbo Oil Drain Tube		•
	Turbo Supports		•
	UVC Harnesses		•
	Valve Covers		•
	Vibration Damper		
	Water Pump		
	Camshaft		
	Connecting Rods		
	Cylinder Block		
	Crankshaft		
	Front Cover		
	Front Seal		
<b>~</b>	Lifters		
	Oil Cooler		
	Oil Filter and Base	•	•
10113	Oil Pan and Pick-up Tube	•	•
15	Oil Pump Assembly	•	•
AC	Pistons / Rings	•	•
	Rear Cover		
Short Block Enhanced (6009)	Rear Seal		
Model Years 2008-2010	Sensor - Camshaft Positioning (CMP)		
	Sensor - Crankshaft Position		
	Thermostats (Dual)		
	Cylinder Head Gaskets	Kit	
	Fuel Pump to Fuel Rail Tubes	Kit	Kit
	Fuel Filters	Kit	Kit
	Injector to Fuel Rail Tubes	Kit	Kit

Short Long Block Complete Bill of Materials Block Trim Level (6006) (6007) (6009) CDR Valve/Breather . EGR Cooler . EGR Valve EVRT Control Valve . Exhaust Manifolds . Fuel Filter Assembly . Fuel Filter Bracket Fuel Lines . Intake Manifold . Oil Filter and Base . Sensor - EBP Exhaust Back Pressure Complete (6007) Sensor - Manifold Air Temperature . Model Years 2003-2007 Turbo Air Inlet . Turbo Piping . Turbocharger Assembly with Base Water Outlet and Thermostat Cylinder Head Assembly . . Engine Heater Front Cover Front Seal . Glow Plugs . • . High Pressure Oil Pump and Regulator • Injection Pressure Regulator Valve Injectors (Electronic) • . Oil Cooler Assembly . Oil Pan and Pick-up Tube . **Oil Pump Assembly** . Push Rods . Rear Cover . . Rear Seal • . Rocker Arm Carrier . Sensor - CMP Camshaft Positioning Long Block (6006) • . Model Years 2003-2007 . . Sensor - Crankshaft Position . Sensor - Engine Oil Pressure Sensor - EOT Engine Oil Temperature . Sensor - ICP Injection Control Pressure . . Sensor - Water Temperature . . Valve Covers & Gaskets . Valves . Vibration Damper • . . . Water Pump Assembly Camshaft . • Camshaft Bearings . . **Connecting Rods** . • . Crankshaft . . Cylinder Block . • Lifters . . Main/Rod Bearings . • . . Piston Cooling Tubes . . Short Block (6009) Pistons/Rings . . Model Years 2003-2007 **Timing Components** . • .

**6.0L DIT** 

Complete (6007)

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# **7.3L DIT**





Long Block Stripped (6012) Model Years 1994-1995

\* Updated 10 bolt intake cylinder heads \*\* Included on F-650/F-750 and all F-250/F-350 prior to 98.5 MY

NOTE: Kit indicates the component is supplied in the install kit provided with the 6009 Short Block Enhanced or the 6006 Long Block Enhanced. Ask your seller about these engines available with studs.

Bill of Materials	Long Block Stripped (6012)	Long Block Enhanced (6012)	Long Block (6006)	Complete (6007)
Adapter, Exhaust Inlet				
Engine Block Heater				
CDR Valve				
Exhaust Manifolds-Left and Right				
Fuel Filter Assembly				
Fuel Lift Pump **				
Sensor Water Temp				
Tube, Exhaust Left and Right				
Turbocharger Assembly with Pedestal				
Water Outlet and Thermostat				
Water Pump Assembly				
Glow Plugs				
High Pressure Oil Pump and Regulator				
Injectors (Electronic)				
Sensor - CMP Camshaft Positioning				•
Sensor - EBP Exhaust Back Pressure				
Sensor - EOT Engine Oil Temperature				
Sensor - ICP Injection Control Pressure				
Vibration Damper				
Intake Manifold				
Oil Filter				
Oil Pan				
Valve Cover Gaskets				
Valve Covers				
Cylinder Head Assembly *				
Front Cover	-	-	•	
Front Seal	-	•		
Oil Cooler Assembly	•			•
Oil Pump Assembly				
Push Rods				
Rear Cover		-	•	
Rocker Arms	-	•		
Valves				
Cam Bearings				
Camshaft	•			•
Connecting Rods				•
Crankcase Dowel Pin Kit		•		
Crankshaft				
Cylinder Block	•			•
Lifters	•			
Main/Rod Bearings				
Piston Cooling Tubes				
Pistons/Rings	•			•
Rear Seal	•			•
Timing Components				