



## High Performance Engines

17 Dracut Road Hudson, NH 03051 (800) 591-9171 [www.golenengineservice.com](http://www.golenengineservice.com)

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### 4.6L 270hp Jeep Complete Stroker Engine

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The Jeep 4.6L makes great power right off idle and produces 300 ft lbs of torque that will help your Jeep up those steep grades with ease. This engine loves both on and off road and gets good fuel economy as well.

**Peak Horsepower:** 270hp

**Torque:** 300 ft lbs +

**Ratio:** 9.5:1

**Operating Range:** Idle to 5200 rpm

**Required Fuel:** 89 Octane +

#### ENGINE BLOCK SPECIFICATIONS

<b>Block:</b> Factory Cast Iron Block, Oven cleaned, blasted, mag, bore and performance hone cylinders to 3.905", Deck block, line hone mainline and set main bearing clearance, Durabond cam bearings and brass freeze plugs	<b>Rods:</b> Aftermarket forged steel connecting rods, machined in house and bearing clearances set, balanced
<b>Pistons:</b> Sealed Power Hypereutectic Pistons with coated skirts	<b>Rings:</b> Hastings Plasma Moly Rings
<b>Bearings:</b> Clevite Main and rod bearings	<b>Camshaft:</b> Comp Cams Custom Hyd Flat
<b>Lifters:</b> Comp Cams Hyd Flat	<b>Timing Set:</b> Cloyes Single Roller
<b>Oil Delivery:</b> Melling Std volume oil pump with new pick up screen	<b>Timing Set:</b> Cloyes Single Roller
<b>Crank:</b> Callies cast steel performance crankshaft, dynamic balance	<b>Gaskets:</b> Fel Pro Master Gasket Kit



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### CYLINDER HEAD SPECIFICATIONS

**Type:**

1991-1999 Casting # 7120 head/2000-2006 New Aftermarket Casting:  
New valve guides installed, three angle performance valve job, head  
decked, cut for Viton Valve Seals

**Combustion Chamber:**

62cc

**Intake Valves:**

SBI Factory 1.91" Intake Valves

**Exhaust Valves:**

SBI Factory 1.5"

**Head Bolts:**

Grade 10 Head Bolts

**Valve Springs:**

Comp Cams performance valve springs and hardened retainers

**Pushrods:**

SBI Factory

**Rocker Arms:**

Sealed Power Factory

### ADDITIONAL SPECIFICATIONS

**Covers:**

New oil pan, timing cover, valve cover with Golen Engine 4.6L Jeep  
Stroker Sticker

**Fuel Injectors:**

New Bosch 24 lb (direct fit for your year Jeep)

**Harmonic Balancer:**

New Factory damper to match your engines accessories

**Tune Up Parts:**

Joe Gibbs Racing Break In Oil, Wix oil filter # 1085 and Champion  
Spark Plugs #430

**Notes:**

Here are Golen Engine we build each Jeep engine with the same meticulous process used in our line of racing engines to ensure top quality performance and reliability throughout its lifetime.

When you purchase one of our Jeep High Performance Street Engines you will receive a full spec sheet listing the exact components your engine was built with. We will also provide you with a complete Setup Guide as well as full phone tech support to aid you with the installation process. It is mandatory for you to contact Golen Engine Tech Support before starting your engine for the first time and you can reach our **Tech Support Line at 1-800-591-9171 ext 2.**

Each Golen Engine Performance Street Engine comes standard with a "Three Year no Mileage Limit Warranty" to keep you confident and covered! Feel free to contact us anytime for help choosing the perfect performance engine combination!!

Thank you,  
Golen Engine