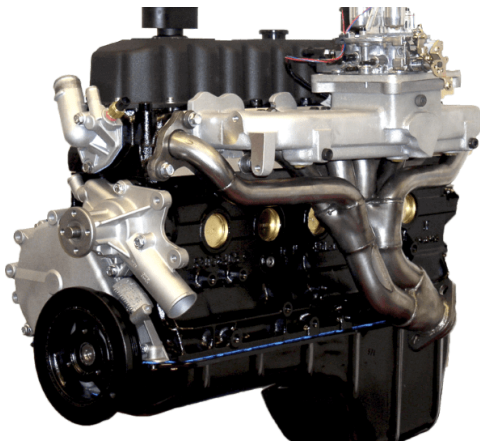




High Performance Engines

17 Dracut Road Hudson, NH 03051 (800) 591-9171 www.golenengineservice.com

JEEP 4.6L 270 HP EFI TURNKEY ENGINE



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

Block: 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	Rods: Aftermarket forged steel connecting rods, machined in house and bearing clearances set, balanced
Pistons: Sealed Power Hypereutectic Pistons with coated skirts	Rings: Hastings Plasma Moly Rings
Bearings: Clevite Main and rod bearings	Camshaft: Comp Cams Custom Hyd Flat
Lifters: Comp Cams Hyd Flat	Timing Set: Cloyes Single Roller
Oil Delivery: Melling Std volume oil pump with new pick up screen	Timing Set: Cloyes Single Roller
Crank: Callies cast steel performance crankshaft, dynamic balance	Gaskets: 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 with PCV and Breather

Exhaust System:

JBA Stainless Steel header

Harmonic Balancer:

New Factory damper to match your engines accessories

Water Pump:

Flow Kooler High Flow

Intake System

Performance intake manifold, Holley Sniper 2bbl EFI System complete
with inline fuel pump kit

Tune Up Parts:

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

Ignition System:

HEI Distributor and Performance plug wire set

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