



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

RHS 427ci 700hp Long Block Engine



The 427ci makes max power and torque with a hydraulic cam which is very street able but also gives you the sound you are looking for!!

Peak Horsepower: 700bhp @ 6800 rpm

Peak Torque: 590lb/ft @ 5000 rpm

Compression Ratio: 11.5:1

Operating Range: 2500 – 6800rpm

Required Fuel: 91+ Octane Pump Gasoline

Block Specifications:

Block:

- New GM LS7 Aluminum Block
- Zero Decked
- Bored 4.125"
- Honed with Torque Plates and Pressure Washed
- New Durabond Cam Bearings Installed
- Line Honed
- ARP Main Studs

Pistons:

- Mahle Forged pistons with Anti-Friction Coating

Bearings:

- Clevite H-Series Main and Rod Bearings

Lifters:

- Comp Cams Hydraulic Roller

Gaskets:

- GM MLS Head Gaskets

Crank:

- Callies Comp Star 4340 Forged Steel
- 4.000" stroke
- Internally Balanced Front and Rear

Rods:

- Callies Comp Star 4340 Forged H-Beam
- 6.125" length

Rings:

- Mahle Plasma Moly

Camshaft:

- Comp Cams Hydraulic Roller

Timing Set:

- Cloyes Billet Hex Adjust Roller

Oil Delivery:

- Melling Select Performance



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Cylinder Head Specifications:

Type:

-Trick Flow LS7 Aluminum CNC Ported

Intake Valves:

-Manley Stainless Steel 2.16"

Exhaust Valves:

- Stainless Steel 1.6"

Head Bolts:

-ARP Performance

Combustion Chamber:

-70cc

Flow:

-360CFM @ .600" Lift

Spring Kit:

-PAC Racing Polished Double Valve Spring

-Light Weight Tool Steel Retainers and Hardened Locks

Rocker Arms:

-GM Factory 1.7 Ratio

Pushrods:

-Smith Brothers 3/8 .083" Wall Hardened

Notes:

Here are Golen Engine we build each LS Street 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 LS HP or Hot Rod Series 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 Set Up 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!

We are able to custom build your engine to match just about any specs you desire and offer a long list of proven upgrades, so if you do not see it just ask us!

Feel free to contact us anytime for help choosing the perfect performance engine combination!!

Thank you,

Golen Engine



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