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## ***Chevy 383ci Boosted LT1 Long Block***

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The 383ci Boosted Long Block is great for a Supercharger or Turbo that makes up to 15 psi of boost and will be driven on the street.

**Peak Horsepower:** 700bhp @ 6500rpm with around 14 psi of Boost  
**Peak Torque:** 670lb/ft @ 4000rpm  
**Compression Ratio:** 9.5:1

**Operating Range:** 2300 – 6500rpm

**Required Fuel:** 91+ Octane Pump Gasoline

### **Block Specifications:**

#### **Block:**

- GM LT1 Cast Iron Block
- Deck to Match Pistons
- Bored 4.030"
- Honed with Torque Plates and Pressure Washed
- New Durabond Cam Bearings Installed
- Billet Steel 4-Bolt Main Caps, Line Bore and Hone
- ARP Main Studs

#### **Pistons:**

- SRP Forged Boost Pistons

#### **Bearings:**

- Clevite H-Series Main and Rod Bearings

#### **Lifters:**

- Comp Cams Hydraulic Roller

#### **Covers:**

- GM Factory Oil Pan
- GM Factory LT1 Timing Cover

#### **Crank:**

- Scat 4340 Forged Steel
- 3.750" stroke
- Internally Balanced Front and Externally Balanced Rear

#### **Rods:**

- Scat 4340 Forged H-Beam
- 5.700" length
- ARP Rod Bolts

#### **Rings:**

- Mahle Plasma rings, Gapped for Boost

#### **Camshaft:**

- Comp Cams Hydraulic Roller

#### **Timing Set:**

- Cloyes Extreme Duty Roller Timing Set

#### **Oil Delivery:**

- Melling HV Performance Oil Pump
- Melling Pick Up Tube Tig Welded
- Melling HD Drive



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**Gaskets:**

- Fel Pro Head Gaskets .040"
- Fel Pro Performance Oil Pan, Timing Cover Gaskets

**Cylinder Head Specifications:**

**Type:**

- GM Aluminum LT1 Castings
- Three Angle Performance Valve Job
- Stage 2 Porting

**Intake Valves:**

- Manley Stainless Steel 2.00"

**Exhaust Valves:**

- Manley Stainless Steel 1.56"

**Pushrods:**

- Smith Brothers 5/16 .083" Wall Hardened

**Combustion Chamber:**

- 54cc Combustion Chambers

**Spring Package:**

- Lunati Polished Double Valve Springs
- Light Weight Hardened Retainers and Locks

**Head Bolts:**

- ARP Performance

**Rocker Arms:**

- Comp Cams Ultra Pro Magnum 1.6 ratio

**Notes:**

Here are Golen Engine we build each LT1 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 LT1 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 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