



CrateEngineDepot.com

Grayslake, IL

877-441-5150

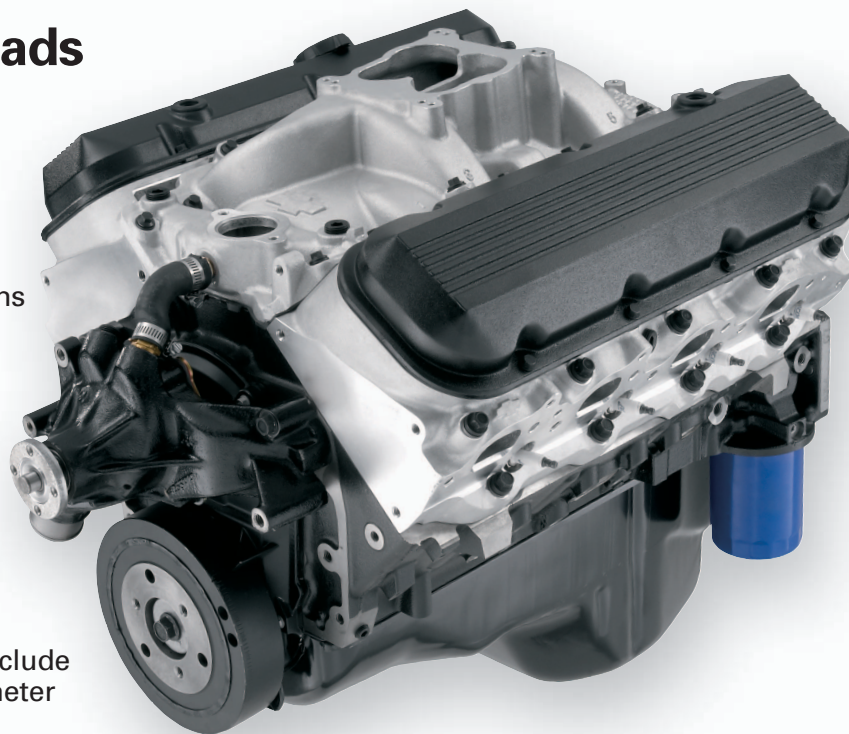
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ZZ454/440

P/N 12498777 ■ 440 hp @ 5,250 rpm ■ 500 lb.-ft. @ 3,250 rpm

Oval-port aluminum heads deliver big power in an affordable package!

- 440 HP and 500 lb.-ft. Torque
- Cast-Iron Cylinder Block with 4-Bolt Mains
- Forged Steel Rods and Crankshaft
- Aluminum, Oval-Port Cylinder Heads
- Hydraulic Roller-Style Camshaft with .510"/.540" Lift
- Forged Aluminum Pistons
- Chevrolet Performance Crate Engines include a 24-Month or 50,000-Mile/80,000-Kilometer Limited Warranty



Crate Engine Only: [See Site for Pricing](#)

Not all items shown are included in all crate engine levels. Prices subject to change. See dealer for details.

ZZ454/440 TECH SPECS

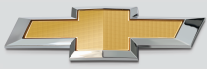
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|--|---------------------------------|---------------------------------------|------------------------------------|
| Part Number: | 12498777 | Cylinder Heads (P/N 12363392): | Aluminum oval port; 110cc chambers |
| Engine Type: | Chevy Big-Block V-8 | Valve Size (in): | 2.190 intake / 1.880 exhaust |
| Displacement (cu in): | 454 | Compression Ratio: | 9.6:1 |
| Bore x Stroke (in): | 4.250 x 4.000 | Rocker Arms (P/N 12368082): | Stamped steel |
| Block (P/N 19170538): | Cast-iron with 4-bolt main caps | Rocker Arm Ratio: | 1.7:1 |
| Crankshaft (P/N 14096983): | Forged steel | Water Pump (P/N 19168606): | Cast-iron, long-style |
| Connecting Rods (P/N 19170198): | Forged steel | Flexplate (P/N 10185034): | 14" |
| Pistons (P/N 10215228): | Forged aluminum | Recommended Fuel: | 92 octane |
| Camshaft Type (P/N 24502611): | Hydraulic roller | Ignition Timing: | Base 4° BTDC, 26° Total |
| Camshaft Lift (in): | .510 intake / .540 exhaust | Maximum Recommended rpm: | 5,500 |
| Camshaft Duration (@.050 in): | 211° intake / 230° exhaust | Balanced: | External |

NOTE: Distributor with melonized steel gear **MUST** be used with long-blocks and Partial engines with steel camshafts, or engine damage will occur.

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PERFORMANCE

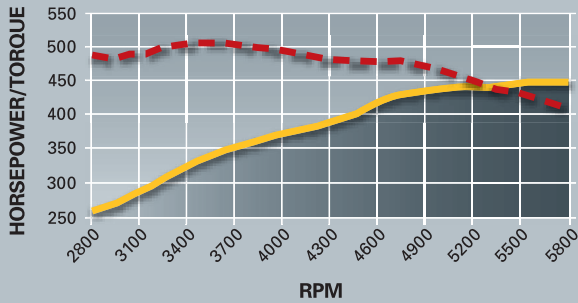


PERFORMANCE

ZZ454/440

Additional Components

ZZ454/440 DYNO CHART



Horsepower: 440 @ 5250 rpm

Torque (lb-ft): 500 @ 3250 rpm

BIG HORSEPOWER IN A CONVENIENT PACKAGE

That's the gist of the Chevrolet Performance Crate Engine program – the most comprehensive line of performance engines, ready for everything from the street to the strip. Offering packages from short blocks to turn key engines, in a variety of displacements and horsepower/torque ratings, we have something for every enthusiast.

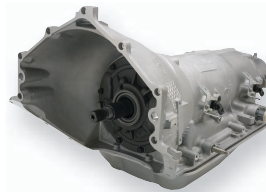


Check out our entire selection in the Chevrolet Performance Parts catalog.

OTHER ENGINE AND TRANSMISSION OPTIONS FOR YOUR PROJECT



12498778
454 Partial Engine
The sturdy foundation of the 454 HO is the starting point of a custom engine build. Use externally balanced flywheel for manual transmission applications.

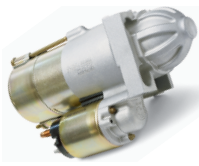


19300175
SuperMatic™ 4L85-E Four-Speed Transmission
Direct bolt-on for Gen I Small-Block and all Big-Blocks.

SELECT THE PARTS BELOW TO FINISH YOUR CRATE ENGINE AND GET IT RUNNING IN LESS TIME!



19170093
Carburetor, Holley 770-cfm



12606096
Lightweight Starter



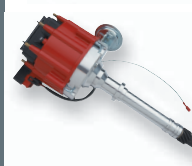
19212657
Transmission Controller



12342071
Air Cleaner



19299804
Torque Converter



88961867
Distributor, Aluminum Billet HEI



Chevrolet Performance Crate Engines include a 24-month or 50,000-mile/80,000-kilometer limited warranty.



Chevrolet Performance does not utilize any used or remanufactured parts in this crate engine, except for the starter, alternator and power steering pump.

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PERFORMANCE

Every effort is made to make this sell sheet comprehensive and factual. We reserve the right, however, to make changes at any time, without notice, to materials, equipment, specifications, and availability. Specifications, dimensions, measurements, ratings, and other numbers are based upon design and engineering information, prototypes and laboratory tests. Since some information may have been updated since the time of printing, please check with your dealer for complete details.