



CrateEngineDepot.com

Grayslake, IL

877-441-5150

www.crateenginedepot.com

454 HO

P/N 12568774 • 425 hp @ 5,250 rpm • 500 lb.-ft. @ 3,250 rpm

Chevrolet Performance's most economical Big-Block crate engine delivers 500 lb.-ft.!

- Cast-Iron Cylinder Block with 4-Bolt Mains
- Forged Steel Rods and Crankshaft
- Rectangular-Port Iron 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.

454 HO TECH SPECS

Part Number:	12568774	Cylinder Heads (P/N 12562920):	Iron rectangular port; 118cc chambers
Engine Type:	Chevy Big-Block V-8	Valve Size (in):	2.190 intake / 1.880 exhaust
Displacement (cu in):	454	Compression Ratio:	8.75:1
Bore x Stroke (in):	4.250 x 4.000	Rocker Arms (P/N 12523976):	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

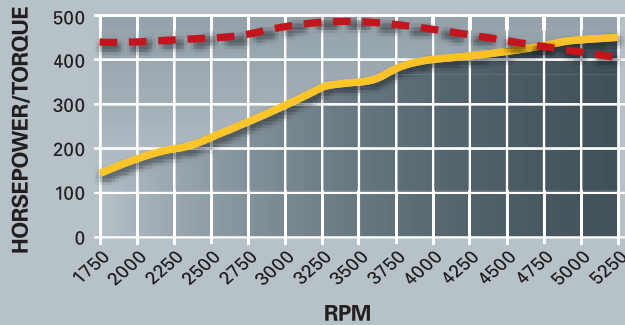


PERFORMANCE

454 HO

Additional Components

454 HO DYNO CHART



Horsepower: 425 @ 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.

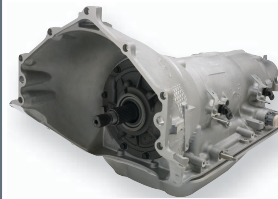
OTHER ENGINE AND TRANSMISSION OPTIONS FOR YOUR PROJECT



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 OFF YOUR CRATE ENGINE AND GET RUNNING IN LESS TIME!



12342093

Short Chrome Bowtie Valve Cover



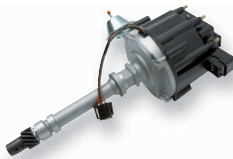
12606096

Lightweight Starter



19299804

Torque Converter



93440806

HEI Distributor



19170093

Carburetor, Holley 770-cfm



19212657

Transmission Controller



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.