



**PERFORMANCE**



[CrateEngineDepot.com](http://CrateEngineDepot.com)

Grayslake, IL

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# LSA 6.2L SC

P/N 19331507 ■ 580 hp @ 6,100 rpm ■ 551 lb.-ft. @ 3,800 rpm

## More than 580 supercharged horsepower with exceptional refinement!

- Cast Aluminum with 6-Bolt Cross Bolted Main Caps
- Forged Steel Crankshaft with 8-Bolt Flange
- Hypereutectic Aluminum Pistons
- Powdered Metal Connecting Rods
- Hydraulic Roller Camshaft with .492"/.480" Lift
- Aluminum L92-Style Rectangular Port Cylinder Heads
- 2.160" Intake and 1.590" Exhaust Valves
- 1.9L 6th-Generation 4-Lobe, High-Twist Supercharger
- 580 HP/551 lb.-ft. Torque



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.*

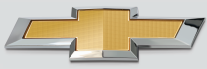
### LSA 6.2L TECH SPECS

<b>Part Number:</b>	19331507	<b>Cylinder Heads (P/N 12604860):</b>	Aluminum L92 style port; as cast with 68cc chambers
<b>Engine Type:</b>	LS-Series Gen IV Small-Block V-8	<b>Valve Size (in):</b>	2.160 intake / 1.590 exhaust
<b>Displacement (cu in):</b>	376 cu in (6.2L)	<b>Compression Ratio:</b>	9.1:1
<b>Bore x Stroke (in):</b>	4.065 x 3.622 (103.25 x 92mm)	<b>Rocker Arms (P/N 12569167 int):</b>	Investment-cast, roller trunnion
<b>Block (P/N 12623968):</b>	Cast-aluminum with 6-bolt, cross-bolted main caps	<b>Rocker Arms (P/N 10214664 exh):</b>	Investment-cast, roller trunnion
<b>Crankshaft (P/N 12603616):</b>	Forged Steel with 8-bolt flange	<b>Rocker Arm Ratio:</b>	1.7:1
<b>Connecting Rods (P/N 12604857):</b>	Powdered metal	<b>Recommended Fuel:</b>	92 octane
<b>Pistons (P/N 12625119):</b>	Hypereutectic aluminum	<b>Maximum Recommended rpm:</b>	6,600
<b>Camshaft Type (P/N 12623064):</b>	Hydraulic roller	<b>Reluctor Wheel:</b>	58X
<b>Valve Lift (in):</b>	.492 intake / .480 exhaust	<b>Balanced:</b>	Internal
<b>Camshaft Duration (@.050 in):</b>	198° intake / 216° exhaust		

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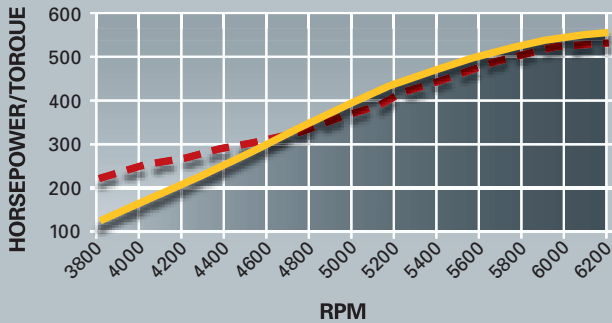


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## Additional Components

### LSA DYNO CHART



Horsepower: 556 @ 6100 rpm

Torque (lb-ft): 551 @ 3800 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.

### E-ROD SYSTEM LSA 6.2L

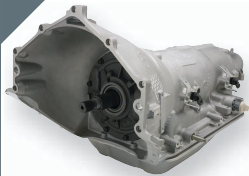


#### Emissions compliant – CARB – E.O. number D-126-33

Chevrolet Performance has taken the E-ROD concept to a higher plateau, with the E-ROD LSA package. The new system includes the engine controller and is centered on the same 6.2L supercharged engine found in the Cadillac CTS-V series, rated at 556 hp and 551 lb.-ft. of torque.

Each engine requires a front-end accessory drive system suitable to the vehicle. The instruction manual includes recommendations for the accessory drive kit, as well as the transmission, gear ratios and more.

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



**19300175**  
SuperMatic™ 4L85-E  
4-Speed Transmission



**19299806**  
SuperMatic™  
Torque Converter



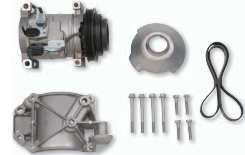
**19302410**  
Transmission  
Controller



**19301246**  
Air Inlet Kit for LS-  
Based Crate Engine  
Installation



**19243525**  
LSA Accessory  
Drive System  
w/o AC



**19244106**  
LSA Accessory  
Drive System AC  
add-on kit



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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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.