

Crate Engine

PREVIEW



Investing in a GMPP crate engine is a smart choice. All engines are factory-engineered and built with brand-new parts from the block up. Our engines deliver greater power than most stock-type rebuilds and we offer many high-performance combinations. Buying a crate engine can help get your project on the road sooner. If you still have any doubts, we back up our engines with one of the best warranties in the business. When you buy a crate engine from GM Performance Parts, you buy worry-free high performance.

350/290 HP Deluxe — P/N 19244450

HP: 290 @ 5250 rpm TQ: 326 @ 3750 rpm

- Our most economical crate engine
- Four-bolt main bearing block
- Aluminum pistons and cast iron cylinder heads
- Hydraulic flat-tappet camshaft
- Great value!
- Also available in a base model
- Shown with Holley 670 cfm carb P/N 19170092 (not included)



350 HO Turn-Key — P/N 19210009

HP: 330 @ 5000 rpm TQ: 380 @ 3800 rpm

- 330 horsepower and 380 lb.-ft. of torque
- High-flowing Vortec iron heads
- Four-bolt main bearing block
- Nodular iron crankshaft
- High-lift camshaft, styled after 1965-'67 Corvette 327
- Ships with everything you need to get it running

Ram Jet 350 — P/N 12499120

HP: 350 @ 5200 rpm TQ: 400 @ 3500 rpm

- Designed for 1978-and-earlier vehicles
- Vintage look with modern EFI performance and reliability
- Comes with controller, wiring harness and detailed instructions
- Fits under the hood of most vehicles (9.75 inches tall)
- Makes great power and torque at all rpm levels



ZZ4 350 Turn-Key — P/N 19201330

HP: 355 @ 5400 rpm TQ: 405 @ 3600 rpm

- Forged steel crankshaft
- Hydraulic roller cam and lifters
- Aluminum Corvette cylinder heads
- Includes 770-cfm Holley carburetor
- Dual-plane aluminum hi-rise intake
- Ships with everything you need to get it running

ZZ383 — P/N 12498772

HP: 425 @ 5400 rpm TQ: 449 @ 4500 rpm

- Classic small-block "stroker" engine with big power
- Built strong with four-bolt mains and a forged crankshaft
- Efficient roller camshaft with 0.500+ lift
- High-flow Fast Burn aluminum heads with 2.00/1.55-inch valves
- Add induction and ignition and it's ready to run!





LS3 E-ROD System

P/N 19257230

Automatic Transmission

P/N 19257234

Manual Transmission



- Delivers greater efficiency and lower emissions without sacrificing performance
- Meets CARB aftermarket requirements (EO# D-126-30)

- Emissions-compliant for OBD-II (1995) and earlier model vehicles
- Also available for 5.3L, LS7 and LSA engines

LS3 6.2L — P/N 19244097

HP: 430 @ 5900 rpm TQ: 424 @ 4600 rpm

- 430 horsepower and 424 lb.-ft. of torque
- Hydraulic roller cam with .551" intake lift numbers
- Nodular iron crankshaft
- 6,600 rpm redline
- Also Available: the LS376/480, P/N 19244549, with 480 horsepower @ 5750 rpm and 475 lb.-ft. of torque @ 4500 rpm



LS376/515 — P/N 19171225

HP: 515 @ 6500 rpm TQ: 469 @ 5000 rpm

- Aggressive hydraulic roller camshaft
- Cast aluminum block with six-bolt, cross-bolted mains
- High-flow, aluminum, rectangular-port heads
- Single-plane, hi-rise carbureted manifold

LS7 7.0L — P/N 19211710

HP: 505 @ 6300 rpm TQ: 470 @ 4800 rpm

- Six-bolt mains—aluminum block—dry sump
- Titanium rods
- CNC-ported cylinder heads—titanium intake valves
- Hydraulic roller camshaft
- Forged steel crankshaft
- Standard in Z06 Corvette!



LS9 6.2L — P/N 19201990

HP: 638 @ 6500 rpm TQ: 604 @ 3800 rpm

- Production engine for the Corvette ZR1
- Forged crankshaft and pistons, with titanium rods
- Serpentine drive assembly not included
- Sixth-generation supercharger with integral charge cooler
- Assembly includes throttle body, supercharger, exhaust manifolds and water pump

LSX376 — P/N 19171049

HP: 450 @ 5900 rpm TQ: 444 @ 4600 rpm

- Economy-minded crate engine for the street and racing
- High-flow LS3 cylinder heads
- Unique LSX376 valve covers
- Race-bred LSX Bowtie block and forged LSX pistons
- Low-compression version compatible with power adders





Anniversary Edition 427 — P/N 19166392

HP: 430 @ 5800 rpm TQ: 444 @ 3800 rpm

COLLECTORS!
LIMITED QUANTITIES

- Limited production of 427 units*
- Based on the original ZL1 tooling
- Forged steel crankshaft and rods

- Special owner's kit includes official emblems, engine data plaque and certificate of authenticity

* Check dealer for availability

ZZ454/440 — P/N 12498777

HP: 440 @ 5250 rpm TQ: 500 @ 3250 rpm

- A powerful, classic big-block for the street, strip and more
- All-forged rotating assembly for great strength
- Lightweight oval-port aluminum heads

- Hydraulic roller camshaft
- Make it shine with GMPP's chrome accessories
- Save your original—repower with GM Performance Parts!



ZZ502/502 Deluxe — P/N 19201332

HP: 502 @ 5200 rpm TQ: 567 @ 4200 rpm

- Ground-ripping 567 lb.-ft. of torque and 502 horsepower
- Aluminum oval-port, big valve street heads
- Four-bolt mains—cast iron block

- Forged steel crankshaft and rods
- Best big-block bang for the buck!

Ram Jet 502 — P/N 12499121

HP: 502 @ 5100 rpm TQ: 565 @ 3200 rpm

- Stunning appearance and stout big-block performance
- Proven 502 base engine with aluminum heads and roller camshaft

- Modern drivability with precision EFI
- Unique tunnel ram-style intake with all necessary hardware
- Includes detailed instructions and pre-calibrated engine controller



ZZ572/720R Deluxe — P/N 19201334

HP: 720 @ 6250 rpm TQ: 685 @ 4500 rpm

- Unbelievable horsepower and torque — 720 HP and 685 lb.-ft. TQ
- Gen VI Tall Deck block with four-bolt mains
- 4340 forged steel crankshaft
- Shot-peened forged steel rods

- 1150-cfm dominator carburetor by Holley
- Also available: PN 19201333 ZZ572/620 a slightly milder, more streetable version of the 572/720R

LSX454 — P/N 19244611

HP: 620 @ 6200 rpm TQ: 590 @ 4800 rpm

- Legendary 454 Big-Block power in a small-block package
- All-forged rotating assembly
- Deep-breathing LSX 6-bolt cylinder heads

- Orange powder-coated valve covers with LSX454 logo
- Add a carb and high-flow intake for about 620 horsepower and 590 lb.-ft. of torque



CRATE ENGINE QUICK REFERENCE CHART

CHEVY SMALL-BLOCK V-8

Part Number	Description	Engine Size	Weight	hp	Torque	Warranty
19244450	350/290 HP Deluxe Kit	350 cu in	-	290	326	
12499529	350/290 HP—Economy Performance Engine	350 cu in	352	290	332	
19210009	350 HO Turn-Key—with Iron Vortec Heads	350 cu in	575	330	380	
19210008	350 HO Deluxe—with Iron Vortec Heads	350 cu in	481	330	380	
19210007	350 HO Base—with Iron Vortec Heads	350 cu in	298	330	380	
19201330	ZZ4 350 Turn-Key—with Aluminum Heads	350 cu in	511	355	405	
24502609	ZZ4 350 Base—with Aluminum Heads	350 cu in	379	355	405	
12499120	Ram Jet 350—PFI with Iron Vortec Heads	350 cu in	517	350	400	
19201331	Fast Burn 385 Turn-Key—with Aluminum Vortec Heads	350 cu in	511	385	385	
12496769	Fast Burn 385 Base—with Aluminum Vortec Heads	350 cu in	466	385	385	
12499101	HT383 Base—Performance Engine	383 cu in	405	340	435	
17800393	HT383E	383 cu in	450	340	435	
12498772	ZZ383 with Aluminum Vortec Heads	383 cu in	397	425	449	

LS FAMILY SMALL-BLOCK V-8

Part Number	Description	Engine Size	Weight	hp	Torque	Warranty
19256513	LC9 5.3L—With ECU for Automatic Transmission	5.3L	-	315	335	
19256517	LC9 5.3L—With ECU for Manual Transmission	5.3L	-	315	335	
19165628	LS327/327—Base Assembly	5.3L	433	327	347	
19244096	LS327/327 Deluxe Kit	5.3L	-	327	347	
17801267	LS1 5.7L—Without ECU and Wire Harness	5.7L	409	350	365	
19244097	LS3 6.2L—Corvette Gen IV V-8	6.2L	415	430	424	
19244549	LS376/480—EFI LS3 Gen IV V-8	6.2L	415	480	475	
19171225	LS376/515—Carbureted LS3 Gen IV V-8	6.2L	415	515	469	
19211708	LSA 6.2L SC	6.2L	-	556	551	
19201990	LS9 6.2L SC	6.2L	-	638	604	
19211710	LS7 7.0L—Corvette Z06	7.0L	440	505	470	

LS FAMILY E-ROD SYSTEMS

Part Number	Description	Engine Size	Weight	hp	Torque	Warranty
19258004	5.3L E-ROD System—With ECU for Automatic Transmission	5.3L	-	315	335	
19258008	5.3L E-ROD System—With ECU for Manual Transmission	5.3L	-	315	335	
19257230	LS3 E-ROD System—With ECU for Automatic Transmission	6.2L	415	430	424	
19257234	LS3 E-ROD System—With ECU for Manual Transmission	6.2L	415	430	424	
19257456	LSA E-ROD System—With ECU for Automatic Transmission	6.2L	-	556	551	
19257460	LSA E-ROD System—With ECU for Manual Transmission	6.2L	-	556	551	
19257242	LS7 E-ROD System—With ECU for Automatic Transmission	7.0L	440	505	470	
19257238	LS7 E-ROD System—With ECU for Manual Transmission	7.0L	440	505	470	

LSX FAMILY SMALL-BLOCK V-8

Part Number	Description	Engine Size	Weight	hp	Torque	Warranty
19171049	LSX376—Base Assembly	6.2L	-	450	444	
19244611	LSX454—Base Assembly	7.4L	-	620	590	
19257880	LSX454R	7.4L	-	750+	680+	

CHEVY BIG-BLOCK V-8

Part Number	Description	Engine Size	Weight	hp	Torque	Warranty
19166392	Anniversary Edition 427	427 cu in	460	430	444	
19166393	ZZ427/480	427 cu in	520	480	490	
12568774	454 HO—with Iron Heads and Roller Cam	454 cu in	590	425	500	
12498777	ZZ454/440—440 Horsepower with Aluminum Heads	454 cu in	522	440	500	
88890534	HT502—Truck Replacement Engine	502 cu in	557	377	512	
12568778	502 HO—with Iron Heads and Roller Cam	502 cu in	602	450	550	
19201332	ZZ502 Deluxe—Assembled Kit, with Aluminum Heads	502 cu in	611	502	567	
12371171	ZZ502 Deluxe—Unassembled Kit, with Aluminum Heads	502 cu in	602	502	567	
12496963	ZZ502 Base Engine, with Aluminum Heads	502 cu in	504	502	567	
12371204	ZZ502 Base—Unassembled Kit, with Aluminum Heads	502 cu in	532	502	567	
12499121	Ram Jet 502—PFI with Aluminum Heads	502 cu in	608	502	565	
19201333	ZZ572/620 Deluxe	572 cu in	580	620	650	
12498792	ZZ572/620 Base	572 cu in	514	620	650	
19201334	ZZ572/720R Deluxe	572 cu in	-	720	685	
12498826	ZZ572/720R Base	572 cu in	-	720	685	

CIRCLE TRACK RACING ENGINES

Part Number	Description	Engine Size	Weight	hp	Torque	Warranty
19258602	CT350	350 cu in	451	350	390	
88958603	CT355	350 cu in	402	355	405	
88958604	CT400	350 cu in	466	400	400	
19271821	CT525	376 cu in	415	525	471	

WARRANTY INFORMATION



GM Performance Parts Crate Engines include a 24-month or 50,000-mile limited warranty.



GM Components include a 12-month or 12,000-mile limited warranty.



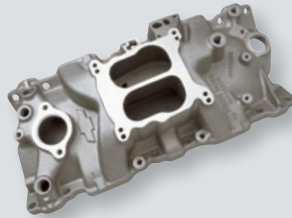
GM Performance Parts Racing Crate Engines are excluded from limited warranty.

WE HAVE THE COMPLETE PACKAGE!

To help you get your engine running, we offer a complete line of GM-engineered supporting parts. See it all in the GM Performance Parts Catalog, available on-line or at your Authorized GM Performance Parts Center. Visit us at GMPerformanceParts.com for more information.

Intake Manifolds

GM Performance Parts offers a variety of performance intake manifolds. Some are specifically designed to work with a GM Performance Parts cylinder head, and others are more flexible in their application.



Valve Covers

From show-car chrome to race-inspired orange powder coat, GM Performance Parts has a full line of valve covers for every engine option. Center bolt designs, tall and short designs, oil baffle accommodating units and those specially crafted to allow high-rise valves. When it comes to valve covers, GM Performance Parts has the right part for your project.



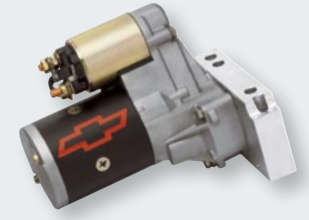
Air Cleaners

The perfect finishing touch to any powerplant, the air cleaner is one of the most noticed parts on your car. Make sure yours makes the right statement, by relying on GM Performance Parts. We have classic show-car designs and more reserved workhorse styles. All are designed to give your intake system the protection of a GM quality part, with a style that can't be touched.



Starters

GM Performance Parts has the right starter for your crate engine. With High-Torque Mini models, special lightweight units and conventional, high-quality starters we can get you going in any application. We even have chrome-finish starters for the serious show-car builder. We have models for both 153- and 168-tooth flywheels.



Deluxe Serpentine Accessory Belt Drive Systems

Includes all accessory items: air conditioning compressor, alternator, water pump, power steering pump, plus all necessary pulleys, belts, brackets and fasteners. Available for small-block, big-block and LS series engines. The best value in accessory drive systems with O.E. dependability.



Spark Plug Wire Sets

High quality plug wires are a key to enhanced performance, and with GM Performance Parts wire sets you'll know you've got the best. Whether you need a 90° boot or a 135° boot, in black or red, with logos or without, GM Performance Parts has just what you're looking for — and the loom kits to go with them!



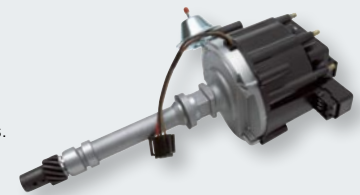
Carburetors

For peak performance, you need a quality carburetor to feed your machine. GM Performance Parts offers a variety of Holley carburetors from 600 to 1090 cfm, with center-hung and side-hung bowl designs.



Distributors

High-quality, durable and dependable GM Performance Parts distributors optimize the performance of your GM Engine. All our distributors are interchangeable among standard GM small-block and big-block V-8s. For tall-deck engines, use adjustable slip collar distributor P/N 10093387.



SuperMatic™ Transmission Controller Systems

Required when using a GM electronically controlled automatic transmission. Includes wiring harness, software and connector for laptop computer. Controller allows full programming of shifting, as well as part-throttle, wide-open throttle and shift firmness control.



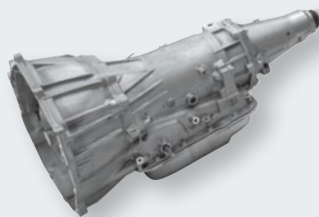
LS/LSX Engine Controller and Wiring Harness Kits

GMPP has the LS/LSX controller kits you need to get power into your project car. Each kit comes with all the sensors, cables and connectors you need. All pre-wired and easy to install.



SuperMatic™ 4L70-E Four-Speed Automatic Transmission

This high-performance transmission offers increased horsepower and torque capacity and features five-pinion gearsets, heat-treated stator shaft splines, induction-hardened turbine shaft, seven-plate clutch and specific valve-body calibration. Torque converter not included.



SuperMatic™ 4L85-E Four-Speed Transmission

This high-performance, electronically controlled transmission is manufactured with heavy-duty parts to match GMPP's powerful big-block crate engines. Tested behind the monster GM Performance Parts ZZ572! Converter included.



For an authorized GM Performance Parts Center near you, call: **1-800-GMUSEUS**
gmperformanceparts.com

Your Authorized GM Performance Parts Center