



12498827

ZZ572/720R Deluxe

WHAT'S HOT?

■ R stands for RACE!

■ Orange just looks fast!

■ 12-month GMPP warranty

The ultimate beast!

Make no mistake, the ZZ572/720R is a race motor. It delivers a resounding 720 horsepower and 685 lb.-ft. of torque—creating at the same time the most powerful big block crate engine ever offered by GM Performance Parts. Not only will we ship all of that to your door, but we'll even give you a 12-month GM Performance Parts warranty!

We took the ultra-popular ZZ572/620 pump gas street engine added 12:1 compression pistons, a hotter camshaft, and our rectangular-port aluminum Bowtie heads with stiffer valve springs to work with the new cam. The block is the Gen VI tall-deck Bowtie block which was designed for the 572" application. The solid roller camshaft is a .714" lift magic maker that aggressively feeds the air/fuel mixture into the hungry, high-squeeze, stroker big block. This creates a rev-happy monster that rocks to a 6750 rpm redline, leaving the competition in its wake.

The ZZ572/720R is rated at 720 horsepower at 6250 rpm and 685 lb.-ft. of torque at 4500 rpm. The short block is built with the best heavy-duty parts in the GM Performance Parts part bin, including a 4340 forged steel crankshaft, shot-peened forged steel rods, forged aluminum pistons with full-floating wrist pins, stiff dual valve springs, and a louvered oiling windage tray. Our Deluxe ZZ572/720R ships with a Holley four-barrel carburetor, tall-deck single-plane intake manifold, HEI distributor, aluminum short-style water pump, and 8mm spark plug wires. Distinctive "572 CHEVROLET" cast aluminum valve covers complete the package. GM Performance Parts integrated, durability-tested, and validated this combination to the described performance levels, and all you need is a GM Performance Parts lightweight starter to fire it up!



GM Performance Parts *does not* utilize any used or remanufactured parts in this crate engine.



GM Performance Parts crate engines include a twelve-month, 12,000-mile warranty.

ZZ572/720R DELUXE TECH SPECS:

Part Number:	12498827	Valve size (in):	2.25 intake / 1.88 exhaust stainless steel
Engine type:	Chevy tall deck big-block V-8	Compression ratio:	12:1
Displacement (cu in):	572	Rocker arms (P/N 12361323):	Aluminum roller style
Bore x stroke (in):	4.560 x 4.375	Rocker arm ratio:	1.7:1
Block (P/N 25534368):	Cast iron with 4-bolt main caps	Distributor (P/N 10093387):	Electronic ignition
Crankshaft (P/N 88961554):	Forged steel	Carburetor (P/N 19170096):	1090 cfm Dominator
Connecting rods (P/N 88962926):	Forged steel, shot peened	Water pump (P/N 14058915):	Aluminum, short-style
Pistons (P/N 88963227):	Forged aluminum	Spark plugs & wires:	Included
Camshaft type (P/N 88962216):	Mechanical roller	Recommended fuel:	110 octane race gas
Camshaft lift (in):	.714 intake / .714 exhaust	Ignition timing:	Base 8° BTDC, 36° Total
Camshaft duration (@.050 in):	266° intake / 274° exhaust	Maximum recommended rpm:	6750
Cylinder heads (P/N 88961160):	Aluminum rectangular port, 118cc chambers	Balanced:	Internal

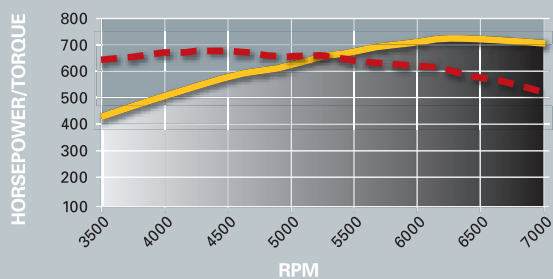


POSSIBLE APPLICATIONS*

- Build a solid 9-second bracket car
- A street car with no equal
- A show car that shakes the trophies out of the judge's pocket

**Applications have not been validated. They are merely suggestions of how you might enjoy your GM Performance Parts crate engine. Some applications may affect engine warranty. See page 384 for specific warranty information. Some applications may not be emission legal; check state and local ordinances.*

ZZ572/720R DYNO CHART



Horsepower: 720 @ 6250 rpm

Torque (lb-ft): 685 @ 4500 rpm

INSTALLATION NOTES

- Clutch linkage boss is cast and machined in block, but must be drilled and tapped. When using cast iron exhaust manifolds, lower head bolts may need to be replaced with bolts with shorter heads, for clearance.
- Requires addition of starter, ignition coil, and fuel pump (not included).
- Gen VI tall-deck block has machined mechanical fuel pump boss.
- Requires internally balanced flywheel for manual transmission applications.
- Intended for pre-1978 street vehicles and all off-road vehicles.
- Not intended for marine applications.
- Big, sticky slicks will help hook up this monster!

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ZZ572/720R Base Engine

From the special, orange powder-coated 572 block, aluminum rectangular-port heads, and 12:1 forged aluminum pistons, the ZZ572/720R long block includes all the features of the Deluxe, fully dressed version, minus the water pump, carburetor, intake manifold, distributor, and spark plug wires.

GMPP integrated, durability-tested, and validated this combination and determined it works best with the Deluxe version's Holley four-barrel carburetor, tall-deck single-plane intake manifold, HEI distributor, aluminum short-style water pump, and 8mm spark plug wires. Order all the parts to complete the engine from your GMPP dealer or finish with your custom parts.



NOTE: Intended for pre-1978 street vehicles and all off-road vehicles. Not intended for marine use.



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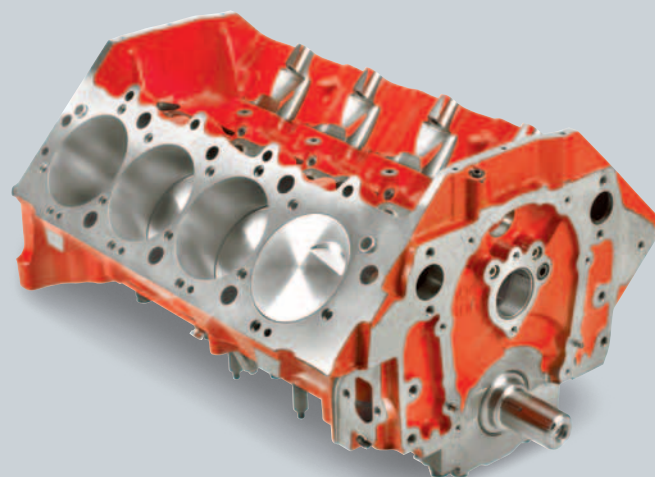


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ZZ572/720R Partial Engine

Want to build your own ZZ572/720R, but don't know where to start? Try our ZZ572/720R partial engine—all of the great bottom end components you need to get going! It comes with the forged crankshaft, rods, and pistons installed in the special orange powder-coated 572 block. This partial engine does not include the camshaft, timing chain, camshaft sprocket, oil pan, oil pump, or front cover. Order all the parts to complete the engine from your GM Performance Parts authorized center or finish it off with your own custom parts. Don't forget to order the special "572 CHEVROLET" cast aluminum valve covers.



NOTE: Intended for pre-1978 street vehicles and all off-road vehicles. Not intended for marine use.



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