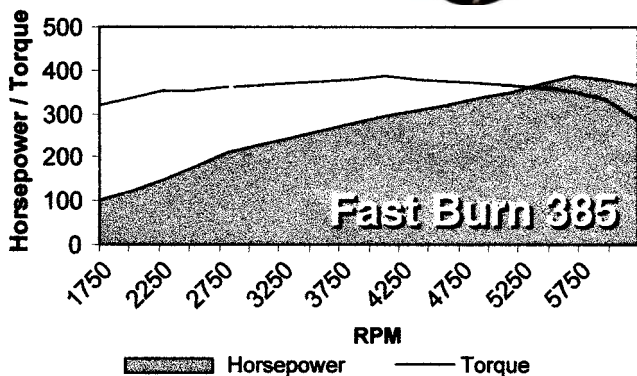


CRATE ENGINES

P/N 12496769 — FAST BURN 385 THE EVOLUTION OF AMERICA'S FAVORITE CRATE ENGINE

With more ZZ3 through ZZ4 crate engines sold over the years than any other high performance crate engine, it only makes sense that GMPP would continue to improve that successful family of engines. The new Fast Burn uses the proven ZZ4 shortblock and adds to it the Fast Burn cylinder heads for 385 value packed horsepower. With value in mind, the Fast Burn uses stamped rocker arms and the same ZZ4 camshaft that powers thousands of hot rods. The Fast Burn is an excellent choice for the basis of a custom engine. Its strong forged steel crankshaft and forged powdered metal connecting rods have been proven to 500 horsepower. And its Fast Burn cylinder heads are hungry for a little more camshaft, approximately 425 horsepower at 6000 rpm is achievable by adding the HOT cam and 1.6 self aligning rocker arms.

Value priced small-block power, great durability, easy power upgrades. It's all that and more from the "More Than Just Power" people at GMPP. Use on 1978 or older vehicles.



Fast Burn 385 Technical Information

| | |
|----------------------------|--|
| Horsepower | 385 @ 5600 RPM |
| Torque | 385 @ 4000 RPM |
| Max. Recommended RPM | 5800 RPM |
| Compression Ratio | 9.6:1 |
| Partial Engine | 12561723 |
| Block | 10105123 Four bolt main, cast iron |
| Crankshaft | 12556307 |
| Connecting Rods | 10108688 PM rods |
| Pistons | 10159436 High silicon aluminum with offset pins |
| Piston Rings | 12528817 |
| Camshaft | 10185071 Hydraulic Roller Lift .474/.510", Duration @ .050, .208/.221 |
| Cylinder Heads | 12464298 Includes valves and springs |
| Intake Valves | 12555331 2.00" |
| Exhaust Valves | 12551313 1.55" |
| Valve Springs | 12551483 |
| Rocker Arms | 10089648 Steel 1.5 |
| Intake Manifold | 12366573 Aluminum dual plane, no EGR 12496820 Aluminum dual plane, w/ EGR and dual carburetor pad |
| Valve Lash | Zero |
| Spark Plugs | MR 43LTS Gap @ .045 |
| Fuel | 92 Octane |
| Ignition Timing | 32° total @ 4000 RPM with vacuum advance disconnected |



**SERVICE PARTS LIST
FAST BURN 385**

| PART NUMBER | DESCRIPTION | QTY |
|--------------------|-------------------------------|------------|
| 12561723 | ZZ4 PARTIAL ENGINE | 1 |
| 10105123 | BAREBLOCK | 1 |
| 12556307 | STEEL FORGED CRANKSHAFT | 1 |
| 10108688 | PM STEEL CONNECTING RODS | 8 |
| 10159436 | HYPEREUTECTIC PISTON | 8 |
| 12528817 | PISTON RINGS | 8 |
| 1104067 | DISTRIBUTOR ASM | 1 |
| 10089648 | ROCKER ARM KIT WITH NUT & BAL | 16 |
| 10185071 | CAMSHAFT | 1 |
| 10202456 | THERMOSTAT ASM | 1 |
| 10241740 | PUSH ROD ASM | 16 |
| 12366573 | INTAKE MANIFOLD | 1 |
| 12464298 | HOT HEAD | 2 |
| 12528916 | OIL PAN WITH GASKET | 1 |
| 12529305 | WATER PUMP ASM WITH GASKET | 1 |
| 12550002 | RESTRICTOR-LIFTER | 8 |
| 12550042 | SCREEN - OIL PUMP | 1 |
| 12551144 | INDICATOR OIL LEVEL | 1 |
| 12551154 | TUBE, OIL LEVEL INC. | 1 |
| 12552129 | CAMSHAFT SPROCKET | 1 |
| 12553058 | REIN-OIL PAN (LH) | 1 |
| 12553059 | REFIN-OIL PAN (RH) | 1 |
| 12554816 | DEFLECTOR, WINDAGE TRAY | 1 |
| 12555269 | VALVE COVER | 2 |
| 12555283 | OIL PUMP | 1 |
| 12555879 | DAMPER ASM | 1 |
| 12557236 | GASKET, CYLINDER HEAD | 2 |
| 12562818 | FRONT COVER | 1 |
| 14088765 | FLYWHEEL ASM | 1 |
| 14088783 | TIMING CHAIN | 1 |
| 14088784 | CRANKSHAFT SPROCKET | 1 |
| 17120735 | LIFTER ASM | 16 |
| 12529094 | GASKET - MANIFOLD | 1 |
| 24504713 | BOLT - INTAKE MANIFOLD | 8 |