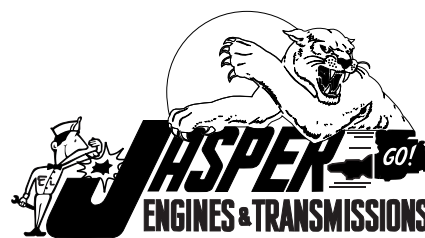


Jasper Performance Products

“Class II Version - Chevrolet 383”



385 hp (approx.) @ 5000 rpm • 440 ft. lbs. Torque @ 3500 rpm

Version Description:

The Class II Performance engine is for the serious performance minded person who needs power for a specific application. These engines are built with heavy-duty performance in mind. Special components and procedures are selected and matched to obtain maximum performance for your application.

Version Applications:

- Performance oriented cars and trucks
- Street Rods and restored muscle cars
- Small/medium size engines requiring good low speed torque
- O.E.M. replacement

Part Specifications:

- Forged steel crankshaft
- Approximate 9.4:1 compression ratio
- High performance rod bolts and nuts
- Performance valve springs with retainers
- High volume oil pump
- Double roller timing set
- Flat top hypereutectic pistons and moly rings
- Harmonic balancer
- Dart S/S Heads
- Screw in rocker studs
- High performance stainless steel valves:
2.02 Intake; 1.60 Exhaust
- Class II camshaft
- High performance bearings
- High performance head gaskets
- Four bolt main block
- Supplied w/Flex Plate

Machining Specifications:

- Three angle valve seat machining
- Precise surface finish measuring
- Square decking of block
- Main saddle align honing
- Electronically balanced engine assembly
- Torque plate honing
- Computerized boring
- Precision crankshaft machining, oil hole chamfering and polishing
- Live testing

Specifications subject to change without notice.

Not intended for use on pollution-controlled motor vehicles.

Camshaft Specifications:

- Hydraulic Camshaft WG-1173
- .050 Duration: 224° Intake; 234° Exhaust
- Advertised Duration: 298° Intake; 304° Exhaust
- Cam Lift: .290 Intake; .300 Exhaust
- Valve Lift: .465 Intake; .488 Exhaust
- Lobe Center: 107° Intake; 117° Exhaust

Camshaft Range Guide and Recommended Equipment:

- Fair idle with lope
- Operating range of 2200-5500 rpm
- Good midrange torque and response:
3000-4000 rpm range
- Mild bracket racing suitability
- Stock automatic or manual transmission compatibility
- Recommended 3.70:1 axle ratio
- Stock or aftermarket 2 plane or torque type intake manifold recommended
- 4 barrel 750 cfm aftermarket carburetor recommended; rejetting may be necessary

The “383” JASPER PERFORMANCE Engine was tested with headers, Edelbrock Performer RPM manifold and 750 cfm Edelbrock carburetor. Readings taken at SAE standards.

