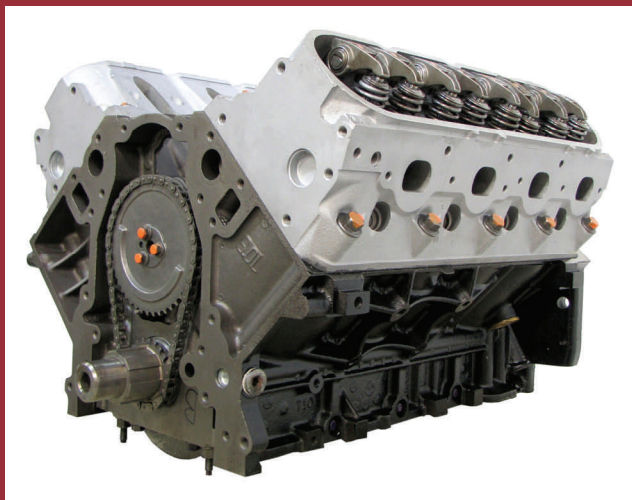


# GM LQ9 Vortec 6.0L HO

## REMANUFACTURED GASOLINE ENGINES

### FROM PROFORMANCE'S INDUSTRY LEADING REMANUFACTURING PROGRAM



GM's Vortec 6.0L High Output (HO) engine is the largest and most powerful of GM Powertrain's Gen III Vortec V-8s. This is a large bore, cast iron member of the proven LS series that provides robust performance touted by everyone from guys with work trucks to the guys at Hot Rod magazine. Big displacement equals big torque and the LQ9 delivers. For those looking to up power their vehicles, the LQ9, because of its relatively compact external dimensions, can easily be fitted to older vehicles where added power is needed. For those wanting to go a little further still, with its large bore, the LQ9 is one of the more suitable LS' for a blower. Chevrolet and GMC advertise this engine as the "VortecMAX", while Cadillac calls it the "HO 6000".

#### Standard Features/Benefits:

Cast iron, deep-skirt, six-bolt-main block, with structural oil pan and other carefully engineered features to help make it a smooth running and strong engine

Aluminum Alloy Cylinder Heads with torque to yield bolts to improve sealing.

Hydraulic, steel-roller designed camshaft with roller rocker arms and tall intake manifold ports are each tuned to produce loads of useable torque across the entire rpm range.

Hypereutectic pistons with graphite coated skirts and floating piston pins.

Powdered metal connecting rods.

Flat-top pistons that increased the compression ratio from 9.4:1 to 10:1 for an extra 10 hp.

#### ENGINE SPECIFICATIONS:

Displacement	6.0L (364 CID)	Compression Ratio	10:1
Bore	4.00 in.	Torque	380 ft·lbf (515 N·m)
Stroke	3.62 in.	Horsepower	347 hp (257 kW)
Fuel Type	Gasoline 92 Oct. Min Rec.	Net Weight	189 kg (416 lbs.)
Fuel Induction	Sequential multiport	Valve train	2 valves/cyl, OHV

**(888) 595-2513**  
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**PRO** POWERTRAIN PRODUCTS  
**Formance**®

## QUALITY SINCE 1959

All PROformance engines are remanufactured to meet or exceed OE specifications under ISO 9001:2000 certified manufacturing processes in our state of the art facility.



## PROFORMANCE ENGINES ARE ENGINEERED TO BE SUPERIOR TO THE OE ENGINE:

	Original Engine	PPT Engine	Benefit/Advantage
<b>Bearings</b>	Aluminum	Federal Mogul Aluminum bearing w/patented Thrust Bearing that improves oiling to thrust flange .	This bearing eliminates that potential for thrust failure and provides longer running and dependability.
<b>Crankshaft Journals</b>	OE crankshaft journal surfaces typically are RA finish of 15 or higher.	PPT crankshaft journal surfaces typically are RA finish of 12 or lower.	The superior rod and main bearing surface finish allow of better fit and closer tolerance levels and increased bearing life
<b>Rear Main Seal</b>	Neoprene style	Teflon seal	Teflon Rear seals are the latest technology available for zero oil seepage at the rear of the engine.
<b>Pistons</b>	Hypereutectic Coated	Hypereutectic Grafel Coated w/ Anodized Head of piston.	Anodized head of the piston increases durability and longevity and reduces emissions, thus rendering a longer piston life and engine that stays "green" through its life cycle.
<b>Mating surfaces finish</b>	Cylinder head and block OE sealing surfaces typically are a RMA Finish of 35 or higher	PPT cylinder head and block sealing surfaces are a RMA finish of 30 or lower.	The Better RMA finish provides a better sealing contact surface for head gaskets and meets or exceeds the recommendations of Aftermarket Gasket Manufacturers.
<b>Castings</b>	Original casting chemically aged	Aged highly cycled castings.	Aged and cycled castings have greater stability that provides longer stability.
<b>Valve seat angles</b>	Two angle valve seats	3 angle valve seats.	3 angle valve seats optimize sealing, maximize fuel mixture and flow and ensure carbon clear out.
<b>Specification tolerances</b>	.001" tolerances between min and max tolerances of crankshafts, housing bores of connecting rods, main bearings and cylinder bores	.0005" between min and max tolerances.	PPT has reduced the allowable tolerances by 1/2. An engine that is built to tighter tolerances is a superior product in wear, durability and dependability

## PROFORMANCE REMANUFACTURED ENGINES FEATURE:

- **NEW** Pistons
- **NEW** Piston Pins
- **NEW** Oil Pump or Kit
- **NEW** Valves\*
- **NEW** Bushings\*
- **NEW** Valve Guides
- **NEW** Cam Bearings
- **NEW** Lifters\*
- **NEW** Piston Rings
- **NEW** Valve Seals
- **NEW** High-Quality Gasket Sets
- **NEW** Fel-Pro Teflon Rear Main Seals\*
- **NEW** Rod Bearings
- **NEW** Main Bearings
- **NEW** Timing Gears
- **NEW** Timing Chains
- **NEW** Timing Belt (where applicable)
- **NEW** Push Rods\*
- **NEW** Freeze Plugs
- **NEW** Cam Shafts\*

\* On Most Engines

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