

LT4 6.2L V8 VVT SC

SUPERCHARGED POWER

The LT4 features a 1.7L Eaton® R1740 TVS supercharger, which spins at up to 20,000 rpm. That's enough to generate more than 9 lbs of boost and help produce 650 horsepower and 650 lb-ft of torque.



Automotive engine shown.

SPECIFICATIONS

TYPE:	6.2L Gen-V V8 Small-Block
DISPLACEMENT:	6162 cc (376 ci)
ENGINE ORIENTATION:	Longitudinal
COMPRESSION RATIO:	10.0:1
VALVE CONFIGURATION:	Overhead valves
VALVES PER CYLINDER:	2
ASSEMBLY SITE:	St. Catharines, Ontario of globally sourced parts
VALVE LIFTERS:	Hydraulic roller
FIRING ORDER:	1 - 8 - 7 - 2 - 6 - 5 - 4 - 3
BORE X STROKE:	103.25 x 92 mm
FUEL SYSTEM:	DI
FUEL TYPE:	Premium required
MAXIMUM ENGINE SPEED:	6600 rpm
EMISSIONS CONTROLS:	Positive crankcase ventilation
APPLICATIONS:	Horsepower: hp (kW)
CHEVROLET CAMARO ZL1:	650 hp (485 kW) @ 6400 rpm SAE certified
APPLICATIONS:	Torque: lb-ft (Nm)
CHEVROLET CAMARO ZL1:	650 lb-ft (861 Nm) @ 3600 rpm SAE certified

Actual power levels may vary depending on OEM calibration and application.

MATERIALS:	
BLOCK:	Cast aluminum
CYLINDER HEAD:	Cast aluminum
INTAKE MANIFOLD:	Cast aluminum supercharger
EXHAUST MANIFOLD:	NA
MAIN BEARING CAPS:	Cast nodular
CRANKSHAFT:	Forged steel
CAMSHAFT:	Billet steel
CONNECTING RODS:	Forged powder metal

As Certified in the Camaro.*

ADDITIONAL FEATURES

- 1.74 L/rev supercharger
- Integrated dual coolant-to-air intercoolers
- Active Fuel Management
- Variable Valve Timing (VVT)
- Electronic throttle control
- Extended-life spark plugs
- Oil Life Monitoring System
- Dexos 5W30 oil
- Dual-pressure control and variable displacement oil pump
- Wet sump
- 58x crank timing

