

2010 "L99" 6.2L V-8 VVT (L99)		<u>06/05/2009</u>
Type:	6.2L Gen IV V-8 Small Block	
Displacement:	6162cc (376 ci)	
Engine Orientation: L=Longitudinal, T=Transverse	L	
Compression ratio:	10.4:1	
Valve configuration:	Overhead valves	
Valves per cylinder	2	
Assembly site:	St Catharines, Ontario	
Valve lifters:	Hydraulic roller	
Firing order:	1 - 8 - 7 - 2 - 6 - 5 - 4 - 3	
Bore x stroke:	103.25 x 92 mm	
Bore Center (mm)	111.76	
Bore Area: (cm2) (total engine bore area)	669.82	
Fuel system:	Sequential fuel injection	
Fuel Type:	Premium fuel recommended, not required	
Maximum Engine Speed:	6200 RPM	
Engine Redline:	6000 RPM	
Engine Mass:	TBD	
Emissions controls:	Catalytic converter Three-way catalyst Positive crankcase ventilation	
Applications: GMNA	Horsepower: hp (kw)	
Chevrolet Camaro SS	400 hp (298 kW) @ 5900 rpm SAE CERTIFIED	
Applications: GMNA	Torque: lb-ft (Nm)	
Chevrolet Camaro SS	410 lb-ft (556 Nm) @ 4300 rpm SAE CERTIFIED	
MATERIALS		
Block:	Cast aluminum	
Cylinder head:	Cast aluminum	
Intake manifold:	Composite	
Exhaust manifold:	Cast nodular iron	
Main bearing caps:	Powder metal	
Crankshaft:	Cast nodular iron with undercut and rolled fillets	
Camshaft:	Hollow steel	
Connecting rods:	Forged powder metal	
Additional features:	Variable Valve Timing (VVT) Active Fuel Management Electronic throttle control Extended life accessory drive belt Extended life coolant Extended life spark plugs Oil Life Monitor System	