

<b>2009 "LS3" 6.2L V-8 (LS3)</b>		<a href="#">09/03/08</a>
Type:	6.2L Gen IV V-8 Small Block	
Displacement:	6162cc (376.0 ci)	
Compression ratio:	10.7:1	
Valve configuration:	overhead valves (2 valves per cylinder)	
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 92mm	
Fuel system:	sequential fuel injection	
Fuel type:	premium fuel recommended	
Engine Orientation	Longitudinal	
Valves per cylinder	2	
Bore Center (mm)	111.76	
Engine Mass ( kg/lbs )	TBD	
<b>Applications:</b>	<b>Horsepower: hp ( kw )</b>	
Chevrolet Corvette	430 hp (321kW) @ 5900 rpm SAE CERTIFIED	
Chevrolet Corvette w/ Optional Exhaust	436 hp (325kW) @ 5900 rpm SAE CERTIFIED	
Pontiac G8 GXP	415 hp (309kW) @ 5900 rpm SAE CERTIFIED	
<b>Applications:</b>	<b>Torque: lb-ft. ( Nm )</b>	
Chevrolet Corvette	424 lb-ft (575Nm) @ 4600 rpm SAE CERTIFIED	
Chevrolet Corvette w/ Optional Exhaust	428 lb-ft (580Nm) @ 4600 rpm SAE CERTIFIED	
Pontiac G8 GXP	415 lb-ft (563Nm) @ 4600 rpm SAE CERTIFIED	
Fuel shut off:	6600 rpm	
Emissions controls:	catalytic converter three-way catalyst positive crankcase ventilation	
<b>Materials:</b>		
Block:	cast aluminum	
Cylinder head:	cast aluminum	
Intake manifold:	composite	
Exhaust manifold:	cast nodular iron	
Main bearing caps:	powder metal	
Crankshaft:	cast iron with undercut and rolled fillets	
Camshaft:	hollow steel	
Connecting rods:	forged powder metal	
Additional features:	extended life spark plugs extended life coolant oil level sensor Oil Life System	

