

2009 "LS2" 6.0L V-8 (LS2)		01/17/08
Type:	6.0L GenIV V-8 Small Block	
Displacement:	5967cc (364 ci)	
Engine orientation: L=Longitudinal, T=Transverse	L	
Compression ratio:	10.9:1	
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:	101.6 x 92mm	
Fuel system:	sequential fuel injection	
Fuel type:	premium fuel recommended	
Application:	Horsepower: hp (kW)	
Chevrolet TrailBlazer SS Saab 9-7X Aero	390 hp (291 kW) @ 6000 rpm	
Application:	Torque: lb-ft (Nm)	
Chevrolet TrailBlazer SS Saab 9-7X Aero	400 lb-ft (542Nm) @ 4000 rpm	
Fuel shut off:	6600 rpm	
Emissions controls:	catalytic converter three-way catalyst positive crankcase ventilation	
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:	powder metal	
Additional features:	Electronic throttle control Extended life accessory drive belt Extended life coolant Extended life spark plugs Oil Life Monitor System	

