

2009 Vortec 5.3L V-8 (LH6)		3/31/2008
Type:	5.3L Gen IV V-8 Small Block	
Displacement:	5328cc (325 ci)	
Engine Orientation	Longitudinal	
Compression ratio:	9.9:1	
Valve configuration:	overhead valves (2 valves per cylinder)	
Valves per cylinder	2	
Assembly site:	Romulus, MI	
Valve lifters:	hydraulic roller	
Firing order:	1 - 8 - 7 - 2 - 6 - 5 - 4 - 3	
Bore x stroke:	96.01 x 92mm	
Fuel system:	sequential fuel injection	
Fuel type:	regular unleaded	
Fuel shut off:	6000 RPM	
Emissions controls:	catalytic converter three-way catalyst positive crankcase ventilation	
Applications:	Horsepower: hp (kw)	
Chevrolet TrailBlazer GMC Envoy Denali Saab 9-7X 5.3i	300hp (224kW) @ 5300 rpm SAE CERTIFIED	
Chevrolet Silverado GMC Sierra	315hp (235 kW) @ 5200 rpm SAE CERTIFIED	
Applications:	Torque: lb-ft (Nm)	
Chevrolet TrailBlazer GMC Envoy Denali Saab 9-7X 5.3i	321lb-ft (435Nm) @ 4000 rpm SAE CERTIFIED	
Chevrolet Silverado GMC Sierra	338lb-ft (458Nm) @ 4400 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:	powder metal	
Additional features:	Active Fuel Management™ Electronic throttle control Extended life accessory drive belt Extended life coolant Extended life spark plugs Oil Life Monitor System	

