



General Motors

GM Powertrain  
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<b>2006 3500 3.5L V6 ( LZ4 )</b>	
Type:	3.5L V-6 (LZ4)
Displacement:	3510cc (214ci)
Compression ratio:	9.8:1
Valve configuration:	overhead valves (2 valves per cylinder)
Assembly site:	Ramos Arizpe, Mexico Tonawanda, NY
Valve lifters:	hydraulic roller
Firing order:	1 - 2 - 3 - 4 - 5 - 6
Bore x stroke: ( mm / in )	99 x 76 mm ( 3.90 x 3.00 in )
Fuel system:	sequential fuel injection
Fuel type:	regular unleaded
Horsepower:	211hp(157kw) @ 5800 rpm ( SAE Certified )
Torque (lb-ft):	214lb-ft(290Nm) @ 4000 rpm ( SAE Certified )
Fuel shut off:	6000 rpm
Emissions controls:	evaporative system catalytic converter positive crankcase ventilation
Application:	Chevrolet Impala Chevrolet Monte Carlo
Materials:	
Block:	cast iron
Cylinder head:	aluminum
Intake manifold:	cast aluminum
Exhaust manifold:	high silicon molybdenum cast nodular iron
Main bearing caps:	powder metal (1,2,3) cast iron (4)
Crankshaft:	steel
Camshaft:	assembled steel
Connecting rods:	forged powder metal
Additional features:	58X Crankshaft Cam Phaser U Flow Cooling