

2006 CORVETTE ENGINE SPECIFICATIONS

	2006 Corvette Coupe	2006 Corvette Z06	2006 Corvette C6.R
Displacement (L / ci):	6.0 / 364	7.0 / 427	7.0 / 427
Horsepower:	400 @ 6000 rpm	505 @ 6300 rpm	590 @ 5400 rpm
Torque (lb-ft):	400 @ 4400 rpm	470 @ 4800 rpm	640 @ 4400 rpm
Bore diameter (mm / in):	101.6 / 4.00	104.8 / 4.125	106.2/ 4.180
Crankshaft stroke (mm / in):	92 / 3.62	101.6 / 4	98.42 / 3.875
Deck height (mm / in):	235 / 9.24	235 / 9.24	235 / 9.24
“V” angle (deg):	90	90	90
Cylinder bore spacing (mm / ci):	111.7 / 4.40	111.7 / 4.40	111.7 / 4.40
Valvetrain:	pushrod with overhead steel valves	pushrod with overhead titanium valves	pushrod with overhead titanium valves
Valves per cylinder:	2	2	2
Camshaft drive:	chain	chain	chain
Cylinder case material:	aluminum	aluminum	aluminum
Cylinder liners:	dry iron	dry iron	none
Cylinder head material:	aluminum	aluminum, CNC ported	aluminum, CNC ported
Lubrication system:	wet sump	dry sump	dry sump
Fuel system:	sequential EFI	sequential EFI	sequential EFI
Throttle system:	throttle body	throttle body	individual runner
Fuel:	premium unleaded gasoline recommended	premium unleaded gasoline required	100 octane unleaded gasoline