

STANDARD CORVETTE VS. Z06 COMPARISON

ENGINE	6.0L V-8 LS2	7.0L V-8 LS7
Displacement (ci / cc)	364 / 5967	427 / 7011.3
Bore & stroke (in / mm)	4x3.62 / 101.6x92	4.125x4 / 104.8x101.6
Block material	cast aluminum	cast aluminum
Cylinder-head material	cast aluminum	cast aluminum
Valvetrain	OHV, 2 valves per cylinder	OHV, 2 valves per cylinder
Fuel delivery	SFI (sequential fuel injection)	SFI (sequential fuel injection)
Compression ratio	10.9:1	11:1
Horsepower (hp / kw @ rpm)	400 / 298 @ 6,000	500 / 373 @ 6,200
Torque (lb-ft / Nm @ rpm)	400 / 542 @ 4,400	475 / 657 @ 4,800
Recommended fuel	93-octane (recommended, not required)	93-octane
Estimated fuel economy (mpg city / hwy / combined)	automatic: 18 / 25 / 21 manual: 19 / 28 / 23	TBD

TRANSMISSION	CORVETTE COUPE	CORVETTE Z06
Type	Hydramatic 4L65-E 4-speed auto.; Tremec 6-speed manual	Tremec 6-speed manual
Chassis/Suspension Front	Short/long arm (SLA) double wishbone, cast-aluminum upper & lower control arms, transverse-mounted composite leaf spring, monotube shock absorber	Short/long arm (SLA) double wishbone, cast-aluminum upper & lower control arms, transverse-mounted composite leaf spring, monotube shock absorber
Rear	Short/long arm (SLA) double wishbone, cast-aluminum upper & lower control arms, transverse-mounted composite leaf spring, monotube shock absorber	Short/long arm (SLA) double wishbone, cast-aluminum upper & lower control arms, transverse-mounted composite leaf spring, monotube shock absorber
Brakes		
Type	Front and rear power-assisted disc with ABS; cross-drilled rotors with Z51 Performance Package	Front and rear power-assisted disc with ABS with 6-piston front and 4-piston rear calipers, cross-drilled rotors
Rotor Diameter x Thickness (in / mm)	Front: 12.8 x 1.26 / 325 x 32 Rear: 12 x 1 / 305 x 26; Z51 Performance Package: Front: 13.4 x 1.26 / 340 x 32 Rear: 13 x 1 / 330 x 26	Front: 14 x 1.3 / 355 x 32 Rear: 13.4 x 1 / 340 x 26
Wheels & Tires		
Wheel size	Front: 18x8.5-inch Rear: 19x10-inch	Front: 18x9.5-inch Rear: 19x12-inch
Tires	Goodyear Eagle F1 GS Extended Mobility Front: P245/40ZR18 Rear: P285/35ZR19	Goodyear Eagle F1 Supercar Extended Mobility Front: P275/35ZR18 Rear: P325/30ZR19

Dimensions		
Wheelbase (in / mm)	106 / 2686	106 / 2686
Overall length (in / mm)	175 / 4435	175 / 4435
Overall width (in / mm)	73 / 1844	76 / 1851.6
Overall height (in / mm)	49 / 1246	49 / 1246
Curb weight (lb / kg)	3179 / 1442	3130 / 1419.7