2006 Crown Victoria Technical Specifications

BODY

Construction	Steel body on fully boxed frame
Final Assembly Location	St. Thomas, Ontario

POWERTRAIN AND CHASSIS

ENGINE		
Type	4.6-liter V-8	
Configuration	Iron block and aluminum heads	
Valvetrain	SOHC, 2 valves per cylinder	
Bore x stroke	3.55 x 3.54 in. / 90.2 x 89.9 mm	
Displacement	281 cu. in. / 4,606 cc	
Compression ratio	9.38:1	
Horsepower	Single Exhuast: 224 @ 4,800 rpm	Dual Exhaust: 239 @ 4,900 rpm
Horsepower per liter	Single Exhuast: 48.7	Dual Exhaust: 52.0
Torque	Single Exhuast: 272 lbs.-ft. @ 4,000 rpm	Dual Exhaust: 287 lbs.-ft @ 4,100 rpm
Recommended fuel	87 octane unleaded	
Fuel capacity	19 gallons	
Fuel Injection	Sequential multi-port electronic	
Oil Capacity	6 quarts with filter	
Coolant Capacity	13.6 quarts	
DRIVETRAIN		
Layout	Rear-wheel drive	
TRANSMISSION		
Standard	4-speed automatic overdrive	
Gear Ratios		
1st	2.84:1	
2nd	1.55:1	
3rd	1.00:1	
4th	0.70:1	
Rear axle ratio	Standard: 2.73:1	Optional: 3.27:1
SUSPENSION		
Front	Independent short- and long-arms (SLA) architecture with coil springs, monotube shocks and stabilizer bar	
Rear	4-bar link solid axle, Watts link, coil springs, monotube shocks, optional load-leveling air springs and stabilizer bar	
STEERING		
Type	Power rack and pinion	
Ratio	16.4:1	
Turning circle curb-to-curb	40.3 ft	
BRAKES		
Type	Four wheel power disc brakes with standard 4-sensor, 4-channel anti lock braking system (ABS)	
Front	12-in ventilated	
Rear	11.5-in ventilated	
Power assist	Vacuum, ABS	
WHEELS AND TIRES		
Base	16-in steel, P225/60R16	
Largest	17-in aluminum,P235/55R17	

DIMENSIONS (inches unless otherwise noted)	
EXTERIOR	
Wheelbase	114.6
Overall length	212.0
Overall width	78.3
Overall height	58.3
Track width, front/rear	62.8 / 65.6
INTERIOR	
Seating capacity	5 passenger
Headroom	
Front row	39.5
Second row	37.8
Legroom	
Front row	41.6
Second row	38.0
Shoulder room	
Front row	60.6
Second row	60.0
Hip room	
Front row	57.4
Second row	56.1

WEIGHTS AND CAPACITIES (pounds unless otherwise noted)		
SAE passenger volume	106.4 cu. ft.	
Cargo Volume	20.6 cu. ft.	
Maximum towing capacity (properly equipped)	1,500	
Base curb weight	4,129	Single Exhaust: 18.4 Double Exhaust: 17.3

WARRANTY INFORMATION

Warranty	3-year, 36,000-mile bumper-to-bumper

These are preliminary specifications subject to change. See media.ford.com for the latest updates.