# 2007 Crown Victoria Technical Specifications

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|---|---|
| **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<br>Dual Exhaust: 239 @ 4,900 rpm |
| Horsepower per liter | Single Exhuast: 48.7<br>Dual Exhaust: 52.0 |
| Torque | Single Exhuast: 272 lbs.-ft. @ 4,000 rpm<br>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<br>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 |
| Fuel Economy | 17 city / 25 HWY |

| WARRANTY INFORMATION | |
|---|---|
| Warranty | 3-year, 36,000-mile bumper-to-bumper<br>5-year, 60,000-mile powertrain limited warranty and roadside assistance |

Specifications subject to change.