

## 2007 CADILLAC CTS SPECIFICATIONS

### Overview

Model:	Cadillac CTS
Body style / driveline:	entry-luxury, rear-wheel drive, 4-door sports sedan
Construction:	unitized welded steel body with direct-mounted front cradle and rubber-isolated, multi-link independent rear suspension assembly
EPA vehicle class:	midsize car
Manufacturing location:	Lansing Grand River Assembly, Lansing , Michigan
Key competitors:	BMW 3 Series, Mercedes C-Class, Audi A4, Lexus ES 300, Lincoln LS

### Engine

	<b>2.8L VVT V-6</b>	<b>3.6L V-6 VVT (LY7)</b>
Type:	2.8L V-6 VVT (variable valve timing)	3.6L V-6 VVT (variable valve timing)
Displacement (cu in / cc):	170 / 2792	217 / 3564
Bore & stroke (in / mm):	89 x 3.5 / 74.8 x 2.94	3.7 x 3.37 / 94 x 85.6
Block material:	cast aluminum	cast aluminum
Cylinder head material:	cast aluminum	cast aluminum
Valvetrain:	dual overhead camshafts, 4 valves per cylinder, continuously variable valve timing (VVT)	dual overhead camshafts, 4 valves per cylinder, continuously variable valve timing (VVT)
Ignition system:	individual coil on plug, individual cylinder knock control	individual coil on plug, individual cylinder knock control
Fuel delivery:	returnless sequential fuel injection	returnless sequential fuel injection
Compression ratio:	10.0:1	10.2:1
Horsepower (hp @ rpm):	210 @ 6500 rpm	255 @ 6200
Torque (lb-ft / Nm @ rpm):	194 / 263 @ 3200 rpm	252 / 342 @ 3100
Recommended fuel:	unleaded regular	unleaded regular
Maximum engine speed (rpm):	7000 auto, 7200 manual	7000
Emissions controls:	dual close coupled catalytic converters, positive crankcase	dual close-coupled catalytic converters, positive crankcase

	ventilation, inlet and exhaust cam phasers with internal exhaust gas recirculation (no EGR/AIR reqd.), evaporative emissions system	ventilation, inlet and exhaust cam phasers with internal exhaust gas recirculation (no EGR/AIR reqd.), evaporative emissions system
Estimated fuel economy (mpg city / hwy / combined):	auto: 18 / 27 / 21 manual: 17 / 27 / 20.4	18 / 27 / 21 17 / 27 / 20.4

### Transmissions

	<b>Hydra-Matic 5L40</b>	<b>Aisin AY6</b>
Type:	5-speed electronically controlled automatic with lockup torque converter	fully synchronized 6-speed manual with single overdrive
Gear ratios (:1):		
First:	3.42	4.15
Second:	2.21	2.33
Third:	1.60	1.53
Fourth:	1.00	1.15
Fifth:	0.75	1.00
Sixth:	----	0.79
Reverse:	3.02	3.67
Final drive ratio:	3.42	3.42

## Chassis/Suspension

	Standard/Luxury Package	Sport Package
Front:	independent, short/long arm, coil-over shock, anti-roll bar	independent, short/long arm, coil-over shock, anti-roll bar
Rear:	independent, modified multi-link, coil springs, shock absorbers, anti-roll bar	independent, modified multi-link, coil springs, automatic load-leveling shock absorbers, anti-roll bar
Traction control system:	full-range	full-range
Steering type:	power-assisted rack and pinion	power-assisted rack and pinion, TRW SpeedPro variable assist system
Steering wheel turns, lock-to-lock:	3.37	3.37
Turning circle, curb-to-curb (ft / m):	35.5 / 10.8	35.5 / 10.8

## Brakes

Type:	power-assist – vacuum with anti-lock control and traction control	power-assist – vacuum with antilock control, traction control, StabiliTrak stability control, with high-performance brake linings
Rotor diameter x thickness (in / mm):	front: 11.9 x 1.3 / 303 x 32 vented disc rear: 11.7 x 1 / 298 x 26 vented disc	front: 11.9 x 1.3 / 303 x 32 vented disc rear: 11.7 x 1 / 298 x 26 vented disc

## Wheels/Tyres

Wheel size and type:	16-inch x 7-inch cast aluminum	17-inch x 7.5-inch cast aluminum, optional 18-inch polished
Tyres:	Goodyear Eagle RS-A, P225/55HR16, all season	Goodyear Eagle RS-A, P225/50VR17, all season

## Dimensions

### Exterior

Wheelbase (in / mm):	113.4 / 2880
Overall length (in / mm):	190.1 / 4829
Overall width (in / mm):	70.6 / 1793
Overall height (in / mm):	56.7 / 1440
Track (in / mm):	front: 60 / 1524; rear: 60 / 1524
Curb weight (lb / kg):	2.8L: TBD 3.6L manual: TBD; 3.6L automatic: 3694 / 1676
Weight distribution (% front / rear):	53 / 47

### Interior

Headroom (in / mm):	front: 38.9 / 989 rear: 36.9 / 937
Legroom (in / mm):	front: 42.4 / 1077 rear: 37 / 940
Shoulder room (in / mm):	front: 56.6 / 1438 rear: 56.2 / 1427
Hip room (in / mm):	front: 53.4 / 1356 rear: 53.8 / 1366

### Capacities

EPA passenger volume (cu ft / L):	98 / 2775
Cargo volume (cu ft / L):	12.8 / 362
Trailer towing maximum (lb / kg):	1000 / 454
Fuel tank (gal / L):	17.5 / 66.2
Engine oil (qt / L):	6 / 5.7
Cooling system (qt / L):	11.7 / 11.1