March 17, 2003: 2004 Cadillac XLR

Specifications

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SPECIFICATIONS

Overview		
Body style / driveline:	two-door, hardtop convertible / rear-wheel drive	
Construction:	hydroformed perimeter frame, structural center tunnel, aluminum cockpit frame	
Body material:	composite exterior panels	
Manufacturing location:	Bowling Green, Kentucky	
Key competitors:	Mercedes-Benz SL500, Lexus SC430, Jaguar XK8	
Engine		
Type:	2004 Northstar RWD 4.6L V-8	
Displacement (cu in/cc):	279 / 4565	
Bore & stroke (in/mm):	3.66 x 3.31 / 93 x 84	
Block material:	cast aluminum	
Cylinder head material:	cast aluminum	
Crankshaft material:	forged steel	
Valvetrain:	DOHC, four valves per cylinder, four-cam	

	continuously variable valve timing
Ignition system:	coil-on-plug ignition, with extended-life dual platinum tipped spark plugs
Fuel system:	sequential electronic fuel injection
Compression ratio:	10.5:1
Horsepower (hp/kw @ rpm):	320 / 239 @ 6400
Torque (lbs-ft / Nm @ rpm):	310 / 420 @ 4400
Recommended fuel:	unleaded premium
Max. engine speed (rpm):	6700
Estimated fuel economy (mpg city / hwy)	17/24 (est.)
Transmission	
Type:	Hydra-Matic 5L50-E rear-wheel drive, electronically-controlled five-speed automatic with torque converter clutch and Driver Shift Control
Gear ratios (:1):	
First:	3.45
Second:	2.21
Third:	1.60

	1.00
Fourth:	
Tourun.	
	0.76
Fifth:	
1 11 111	
	3.02
Reverse:	
	2.93
Final drive	
ratio:	
Chassis/Suspension	
Front:	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
Steering type:	composite leaf spring, monotube shock absorber Magnasteer power-assisted rack-and-pinion
Steering type. Steering ratio:	17.2:1
Turning diameter,	39 / 11.9
curb to curb (ft / m):	
Dualtas	
Brakes	

Type:	power-assisted disc with 4-channel ABS, front and rear
Rotor diameter x	front 12.8 x 1.3 / 325 x 32
thickness	rear 12.0 x 1.0 / 305 x 26
(in / mm):	
Wheels/Tires	
Wheel type and size:	spun-cast aluminum, 18 inch (457 mm)
Tires:	Michelin ZP Extended Mobility
	front: P235/50R18
	rear: P235/50R18
	•
Dimensions	
Exterior	
Wheelbase (in / mm):	105.7 / 2685
Overall length (in /	177.7 / 4513
mm):	
Overall width (in /	72.3 / 1836
mm):	
Overall height (in /	50.4 / 1279
mm):	
Track (in / mm):	front 62.2 / 1580
	rear 62.2 / 1580
Minimum ground	6.61 / 168
clearance	
(in / mm):	
Curb weight (lbs / kg):	3643 / 1653
Interior	
Seating capacity	2 / 0
(front / rear):	
Head room (in / mm):	37.6 / 955
Leg room (in / mm):	42.64 / 1083
Shoulder room (in /	54.3 / 1380
mm):	
Hip room (in / mm):	53 / 1346

Capacities		
Cargo volume (cu ft / liters):		
Top up:	11.6 / 328	
Top down:	4.4 / 125	
Fuel tank (gals / liters):	18.0 / 68.1	
Engine oil (qts / liters):	10 / 9.5 5W30 Mobil 1	
Performance		
0-60 mph acceleration:	5.9 sec.	
Max. lateral acceleration:	0.90g	

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