



2004 Cadillac XLR

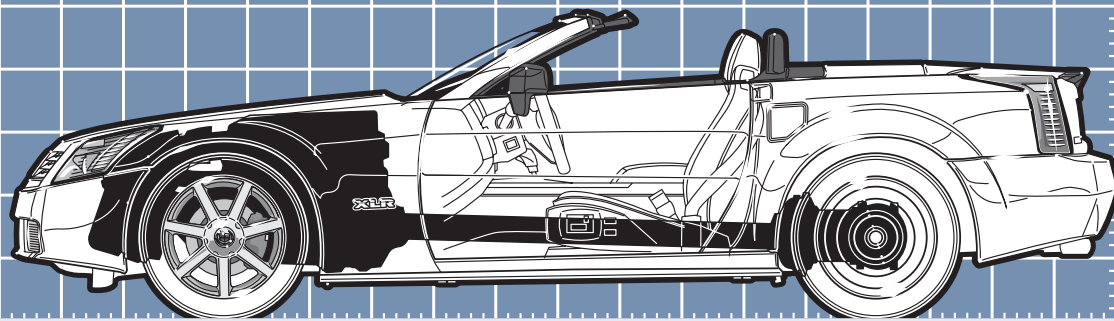
Cadillac Motor Division, 100 Renaissance Center, P.O. Box 100, Detroit, Mich. 48265-1000; www.cadillac.com

At a Glance

0-60 mph	5.6 sec
0-1/4 mile	14.0 sec
Top speed	155 mph*
Skidpad	0.88g
Slalom	62.3 mph
Brake rating	very good

List Price: **\$75,435**
Price as Tested: **\$76,250**

Price as tested incl std equip. (dual front and side airbags, ABS, stability and traction control, power retractable hardtop, automatic climate control, keyless entry, AM/FM/CD/DVD player, navigation system, head-up display, run-flat tires, Active Cruise Control; power windows, mirrors and door locks), dest charge (\$815).



SCALE: 10 IN./254mm DIVISIONS
DRAWING BY TIM BARKER

SPECIFICATIONS

Engine

Type	aluminum block & heads, V-8
Valvetrain	dohc 4-valve/cyl
Displacement	279 cu in./4565 cc
Bore x stroke	3.66 x 3.31 in./93.0 x 84.0 mm
Compression ratio	10.5:1
Horsepower (SAE)	320 bhp @ 6400 rpm
Bhp/liter	70.1
Torque	310 lb-ft @ 4400 rpm
Redline	6700 rpm
Fuel injection	elect. sequential port
Fuel	premium unleaded, 91 pump octane

Warranty

Basic warranty	4 years/50,000 miles
Powertrain	4 years/50,000 miles
Rust-through	6 years/100,000 miles

Chassis & Body

Layout	front engine/rear drive
Body/frame	unit steel
Brakes: Front	12.8-in. vented discs
Rear	12.0-in. vented discs
Assist type	vacuum, ABS
Total swept area	411 sq in.
Swept area/ton	239 sq in.
Wheels	cast alloy, 18 x 8
Tires	Michelin Pilot HX MXM4 Zero Pressure, P235/50R-18
Steering	rack & pinion, variable power asst
Overall ratio	17.2:1
Turns, lock to lock	3.0
Turning circle	39.0 ft
Suspension	
Front	upper & lower A-arms, transverse-mounted leaf spring, elect. variable tube shocks, anti-roll bar
Rear	upper & lower A-arms, transverse-mounted leaf spring, elect. variable tube shocks

General Data

Curb weight	3660 lb
Test weight	3840 lb
Weight dist (with driver), f/r, %	48/52
Wheelbase	105.7 in.
Track, f/r	62.2 in./62.2 in.
Length	177.7 in.
Width	72.3 in.
Height	50.4 in.
Ground clearance	6.6 in.
Trunk space	4.4 cu ft + 7.2 cu ft w/top up

Accommodations

Seating capacity	2
Head room	36.0 in.
Seat width	2 x 18.5 in.
Leg room	42.5 in.
Seatback adjustment	65 deg
Seat travel	8.0 in.

Drivetrain

Transmission:	5-speed automatic			
Gear	Ratio	Overall ratio	(Rpm)	Mph
1st	3.45:1	10.11:1	(6250)	48
2nd	2.21:1	6.48:1	(6250)	76
3rd	1.60:1	4.69:1	(6250)	104
4th	1.00:1	2.93:1	est (5800)	155*
5th	0.76:1	2.23:1	est (4400)	155*
Final drive ratio	2.93:1			
Engine rpm @ 60 mph in top gear	1700			

*Electronically limited.

Instrumentation

160-mph speedometer, 7000-rpm tachometer, coolant temp, fuel level

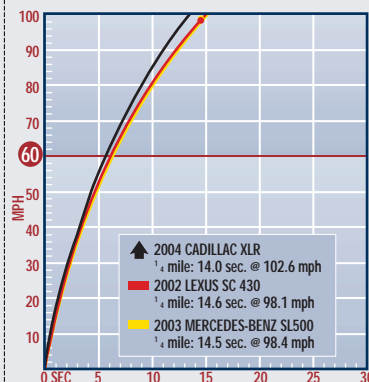
Safety

dual front and side airbags
seatbelt pretensioners
anti-lock braking
stability control
traction control
(all standard equip.)

PERFORMANCE

Acceleration

Time to speed	Seconds
0-30 mph	2.1
0-40 mph	3.1
0-50 mph	4.2
0-60 mph	5.6
0-70 mph	7.1
0-80 mph	8.9
0-90 mph	10.9
0-100 mph	13.3
Time to distance	
0-100 ft	3.0
0-500 ft	7.7
0-900 ft	11.0
0-1320 ft (1/4 mile)	14.0 @ 102.6 mph



Test Notes:

The Cadillac XLR scoots off the line with little drama. Before launch, hold the car by power-braking the engine. Launches at 2500 rpm give the best acceleration times. The XLR upshifts through the gears quickly and smoothly. Through the

slalom, moderate body roll is exhibited that unsettles the car toward the end of the run. In 2nd gear around the skidpad, the torque from the engine can be easily tapped through the throttle to help balance the car.

Braking

Minimum stopping distance	
From 60 mph	122 ft
From 80 mph	217 ft
Control	excellent
Brake feel	very good
Overall brake rating	very good

Subjective ratings consist of excellent, very good, good, average, poor; na means information is not available.

Fuel Economy

Our driving	16.3 mpg
EPA city/highway	17/24 mpg
Cruise range	277 miles
Fuel capacity	18.0 gal.

Handling

Lateral acceleration (200-ft skidpad)	0.88g
Balance	mild understeer
Speed through 700-ft slalom	62.3 mph
Balance	mild understeer
Lateral seat support	average

Interior Noise

Idle in neutral	51 dBA
Maximum in 1st gear	78 dBA
Constant 50 mph	68 dBA
70 mph	74 dBA

Test Conditions:

Temperature	Humidity	Elevation	Wind
69° F	47%	150 ft	heavy