



## CHEVROLET CAVALIER

### NEW FOR 2003

- Front fascia and headlamps
- Rear fascia and taillamps
- Rocker moldings on LS Sport
- Hood, front grille, decklid applique
- Exterior colors: Victory Red, Olympic White and Arrival Blue
- Yellow exterior paint now available on all coupes
- 15-inch plastic cover / 15-inch aluminum wheels
- Ecotec 2.2L L4 engine now standard on all models
- LATCH child restraints
- Side impact air bags
- Leather wrapped steering wheel
- 60/40 split rear seat with latch release in trunk
- Center rear 3-point seat belt
- Optional OnStar on LS and LS Sport
- Optional XM Satellite Radio on all models

### MODEL LINEUP

	ENGINE	TRANSMISSIONS	
	Ecotec 2.2L L4	5-spd man (M86 / M94)	4-spd auto (Hydra-Matic 4T40-E)
Base Coupe / Sedan	•	•	○
LS Coupe / Sedan	•	•	○
LS Sport Coupe / Sedan	•	•	○

KEY:

- Standard •
- Optional ○

[ CONTINUED ]



## 2003 CAVALIER DEBUTS A FRESH NEW LOOK, NEW SAFETY FEATURES

For 2003, Cavalier debuts a sporty new exterior, new safety features and extends the Ecotec 2.2L I4 to all models. New options include OnStar and XM Satellite Radio. As always, Cavalier's traditional dependability and reliability remains unchanged.

new ground effects



### A freshened exterior

The 2003 Cavalier lineup features a new exterior with freshened ground effects, front fascia with fog lamps, rear fascia, headlamps, taillamps and hood. The LS Sport model also has new rocker moldings and integrated fog lamps. Cavalier also offers chrome aluminum wheels, specific body-color

door handles, body-color exterior mirror housings for power mirrors, leather-wrapped transmission shift knob, steering wheel and high profile rear spoiler. The front end also displays Chevy's new gold bowtie emblem. The result is a more modern style that complements the rest of the Chevy car lineup and lends the Cavalier a sportier, more custom look.

### New safety features

side impact airbags,  
thorax protection

Cavalier adds numerous safety features for 2003, including a center rear three-point seat belt, and optional front driver and passenger seat-mounted torso air bags with thorax protection (side impact air bags). In addition, OnStar is a new option for the LS and LS Sport models.

OnStar is the nation's leading provider of in-vehicle safety, security and information services using the Global Positioning System (GPS) satellite network and wireless technology. OnStar services include automatic notification of air bag deployment, stolen vehicle location, remote door unlock, emergency services dispatch, roadside assistance, remote diagnostics, route support, convenience services and OnStar Concierge. OnStar Personal Calling allows drivers to make and receive hands-free, voice-activated phone calls through a nationwide network in cooperation with Verizon Wireless. Virtual Advisor gives subscribers access to personalized information in a hands-free, voice-activated manner with no screens or displays.



Also in 2003, Cavalier adds GM's LATCH system (Lower Anchor and Tethers for CHildren), which can be combined with a top shelf tether to enable adults to securely install LATCH-compatible child seats without using a seatbelt. Rear child seat anchors are located in the floorpan with an attachment at the juncture of seat cushion and seat back, taking the worry and guesswork out of child safety seat installation.

[ CONTINUED ]

### Ecotec 2.2L engine now standard

The Ecotec 2.2L L4 aluminum engine, which debuted on Cavalier last year, is now standard across all models with base five-speed manual and optional Hydra-Matic 4T40-E four-speed automatic transmissions. It features dual overhead camshafts with four valves per cylinder for excellent response in city driving and confident passing and merging on the highway.

#### quiet, smooth operation

Quiet operation is one of the engine's chief features. Twin balance shafts located in the cylinder block cancel the shaking forces inherent in an inline four-cylinder engine, resulting in an engine that is smooth from idle to maximum engine speed. The Ecotec L4 generates 140 hp @ 5600 rpm. Other features that help make the twin cam smooth and quiet include a die-cast lower crankcase and a structural cast-aluminum oil pan, which stiffen the block and reduce radiated engine noise. The engine also features an isolated cam cover that reduces the transmission of valvetrain noise.

#### more than 100 radio channels

### XM Satellite Radio

The 2003 Cavalier also offers XM Satellite Radio as an option on all models. XM radio features 100 coast-to-coast digital channels, including 71 music channels (more than 30 of them commercial-free) from hip-hop to opera, classical to country, bluegrass to blues and 29 channels of sports, talk, children's and entertainment programming.

XM also brings to the car, for the first time on radio, a diverse selection of 24-hour news sources previously available only in the home. XM's next-generation sound quality technology provides superior sound remarkably close to compact disc.



### Three new exterior colors

Cavalier for 2003 also features three new colors: Olympic White, Arrival Blue and Victory Red. The sporty yellow color is now available on all coupe models.

#### excellent handling and road feel

The FE2 sport suspension system offers excellent handling and road feel for both LS models. The sport suspension provides flatter, more precise cornering, more driver feedback, and better communication between car and driver. Front and rear sway bars stiffen the ride. The suspension system is mated to performance tires for better control and a five-speed manual transmission is standard. The stainless steel exhaust system, with a polished chrome exhaust outlet, offers high corrosion resistance – and good looks.

Cavalier offers plenty of traditional Chevy value and dependability in a contemporary new look for 2003.

# # #

#### Contact:

Chevrolet Communications  
Carolyn Normandin  
Phone: 313-667-4079  
Fax: 313-667-4007  
Email: carolyn.normandin@gm.com

[ CONTINUED ]



## SPECIFICATIONS

### OVERVIEW

Models:	Cavalier, Cavalier LS, Cavalier LS Sport
Body style / driveline:	five-passenger coupe and sedan, unitized frame, front engine, front-wheel drive, five passengers
Construction:	steel body material
EPA vehicle class:	compact
Manufacturing location:	Lordstown, Ohio
Key competitors:	Ford Focus, Honda Civic, Dodge Neon

### ENGINE

Type:	Ecotec 2.2L L4 (L61)
Displacement (cu in / cc):	134 / 2189
Bore & stroke (in / mm):	3.38 x 3.72 / 86 x 94.60
Block material:	aluminum
Cylinder head material:	cast aluminum
Valvetrain:	DOHC, four valves per cylinder
Fuel delivery:	sequential fuel injection
Compression ratio:	10.0:1
Horsepower (hp / kw @ rpm):	140 / 100 @ 5600
Torque (lb-ft / Nm @ rpm):	150 / 203 @ 4000
Recommended fuel:	87 octane
Maximum engine speed (rpm):	6500
Estimated fuel economy (mpg city / hwy / combined):	automatic: 24 / 32 / 28; manual: 25 / 33 / 29

### TRANSMISSIONS

	<b>M86 / M94</b>	<b>Hydra-Matic 4T40-E</b>
Type:	5-speed manual, front-wheel drive	4-speed automatic with overdrive, front-wheel drive
Gear ratios (:1):		
First:	3.58	2.96
Second:	2.02	1.62
Third:	1.35	1.00
Fourth:	0.98	0.68
Fifth:	0.69	—
Reverse:	3.31	2.14
Final drive ratio:	3.94:1	3.63:1

[ CONTINUED ]



**CHASSIS/SUSPENSION**

Front:	MacPherson strut suspension with coil spring w/19mm stabilizer bar. Level II Sport Suspension LS Sport models includes shaped inner-metal bushings on front lower control arms, high rate front and rear springs, and a 24mm stabilizer bar
Rear:	training tubular control arms with twist-beam axle, coil-over-shock, 19mm solid stabilizer bar for LS Sport models
Steering type:	power rack-and-pinion
Steering ratio:	coupe or sedan: 14.7:1; LS Sport models: 15.7:1
Steering wheel turns, lock-to-lock:	coupe or sedan: 2.6; LS Sport models: 2.8
Turning circle, curb-to-curb (ft / m):	35.6 / 10.9

**BRAKES**

Type:	power-assisted front and rear disc, four-wheel ABS optional
Rotor diameter x thickness (in / mm):	front: 10.2 x .79 / 260 x 20; rear: 9.06 x 1.57 / 230 x 40
Total swept area (sq in / sq cm):	front: 182.2 / 1175.6; rear: 86.2 / 556.2

**WHEELS/TIRES**

Wheel size and type:	14-inch x 6-inch full wheel cover (standard on coupe and sedan) 15-inch x 6-inch full wheel cover (standard on LS coupe and sedan) 15-inch x 6-inch aluminum wheel (optional on LS coupe and sedan) 16-inch x 6-inch chrome finish aluminum wheels (standard on LS Sport models)
Tires:	P195/70R14 all-season tires (standard on coupe and sedan) P195/65R15 all-season touring tires (standard on LS coupe and sedan) P205/55R16 performance tires (standard LS Sport models)

**DIMENSIONS**

Exterior	Coupe	Sedan
Wheelbase (in / mm):	104.1 / 2644	104.1 / 2644
Overall length (in / mm):	182.7 / 4640	182.7 / 4640
Overall width (in / mm):	68.7 / 1745	67.9 / 1724
Overall height (in / mm):	53 / 1346	54.7 / 1389
Track (in / mm):	front: 57.6 / 1463 rear: 56.4 / 1432	front: 57.6 / 1463 rear: 56.7 / 1440
Curb weight (lbs / kg):	2617 / 1188	2676 / 1214

[ CONTINUED ]



## DIMENSIONS

Interior	Coupe	Sedan
Seating capacity (front / rear):	2 / 3	2 / 3
Head room (in / mm):		
front:	37.6 / 956	38.9 / 976
rear:	36.6 / 929	37.2 / 940
Leg room (in / mm):		
front:	41.9 / 1066	41.9 / 1066
rear:	32.7 / 831	34.4 / 872
Shoulder room (in / mm):		
front:	53.9 / 1364	54.6 / 1388
rear:	54.9 / 1394	53.9 / 1370
Hip room (in / mm):		
front:	50 / 1280	50.8 / 1298
rear:	49.5 / 1260	49.5 / 1260

## CAPACITIES

EPA interior volume (cu ft / liters):	100.3 / 2840.1	105 / 2973.2
Cargo volume (cu ft / liters):	13.2 / 374.8	13.6 / 386.1
Trailer towing maximum (lbs / kg):	1000 / 454	1000 / 454
Fuel tank (gals / liters):	14.1 / 53.4	14.1 / 53.4
Engine oil (qts / liters):	4 / 3.8	4 / 3.8
Cooling system (qts / liters):	9.6 / 9.1	10 / 9.4

Note: Information shown is current at time of publication. Please visit our GM Media web site at <http://media.gm.com> for future updates.

[ CONTINUED ]



## GM ACCESSORIES SET CAVALIER APART FROM SMALL CAR CROWD

GM Accessories and Cavalier prove that a small car can have great styling, performance and convenience features. The new generation of Cavalier customers who want to personalize their vehicles to suit their lifestyles need look no further than GM Accessories. A full line of creative products has been designed specifically for the Chevy Cavalier.

"Getting in touch with customers and getting it right with innovative products is one step in creating more consumer desire for GM vehicles," said Bob Triulzi, general director of GM Accessories at GM Service and Parts Operations. "And there's no better way to stir up enthusiasm than through accessory packages designed specifically to meet customers' distinctive lifestyle needs."

### bike and ski carriers



### Lifestyle accessories

GM Accessories offer bike and ski carriers for outdoor enthusiasts. The roof-mounted ski carrier totes up to four pairs of skis or two snowboards and allows customers to mix and match to create a combination that fits their individual needs.

The roof-mounted bicycle carrier has been designed with a dual-locking feature to secure the system. Quick-release attachments make loading and unloading a snap. Although the carrier only accommodates

one bicycle at a time, two carriers can fit on the Cavalier roof.

### plastic hard cargo carrier

A lockable ABS plastic hard cargo carrier is the ideal place to store and protect cargo on long drives. The aerodynamically designed carrier comes in a smooth or textured surface and can be painted to match the color of the vehicle. It features side-mounted gas struts and easily attaches to the GM Accessories roof rack. All roof-mounted carriers require a GM Accessories roof rack.



### Appearance accessories

#### rear wing spoiler

For racing enthusiasts, the rear wing spoiler creates a sleek, swift appearance. The fiberglass spoiler gives the Cavalier a track-ready look for both the two- and four-door models. The spoiler features a gel-coat finish for customers with distinctive tastes.

### Convenience accessories

#### 12-slot visor CD holder

Music lovers will appreciate the GM Accessories 12-slot visor CD holder. The holder slides over the existing visor and stores CDs within easy reach.

[ CONTINUED ]

**food and beverage  
warmer/cooler**

A food and beverage warmer/cooler features a handy unit plug that fits into the cigarette lighter of the vehicle. This unit helps keep items either hot or cold and is a must-have for road trips and tailgate parties.

**Available at Chevrolet dealers**

All GM accessories can be purchased through Chevrolet dealerships.

**bumper-to-bumper warranty**

GM Accessories permanently installed on a new GM vehicle at the time of delivery will be covered under the GM New Vehicle Limited Bumper-to-Bumper Warranty. GM Parts and Accessories permanently installed by a GM dealer after vehicle purchase will be covered for the balance of the New Vehicle Warranty, but in any event no less than 12 months or 12,000 miles.

Please visit **[www.gmaccessorieszone.com](http://www.gmaccessorieszone.com)** or call toll-free 866-901-9001 to speak to one of SPO's knowledgeable agents.

SPO, headquartered in Grand Blanc, Mich., markets automotive replacement parts and accessories worldwide under the GM Parts and ACDelco brand names. For more information, visit the GM Goodwrench web site at **<http://www.gmgoodwrench.com>**.

# # #

**Contacts:**

SPO Communications

Nina Price

Phone: 810-606-3106

Fax: 810-606-3130

Email: [nina.price@gm.com](mailto:nina.price@gm.com)

Rebecca Harris

Phone: 810-606-3101

Fax: 810-606-2910

Email: [rebecca.harris@gm.com](mailto:rebecca.harris@gm.com)

