

2003 MERCURY MARAUDER TECHNICAL SPECIFICATIONS

<u>GENERAL</u>	
Body Styles	4-door, 5-passenger sedan
	2-door, 5-passenger convertible concept
EPA Class	Large car
Drivetrain Layout	Front engine, rear-wheel drive
ENGINE	
Engine Type	All-aluminum 4.6-liter DOHC V-8, four valves per cylinder (sedan) Supercharged 4.6-liter SOHC V-8 cast iron block and aluminum head, two valves per cylinder (convertible)
Bore/Stroke	3.6 in. x 3.6 in.
Displacement	281 cu. in. (4,606 cc.)
Compression Ratio	10.1:1
Horsepower	335 @ 5,250 rpm (convertible) 302 @ 5,750 rpm (sedan)
Torque	355 lb.-ft. @ 3,000 rpm (convertible) 318 lb.-ft. @ 4,300 rpm (sedan)
Recommended Fuel	Premium unleaded
Fuel Mileage	17/23 (city/highway – estimate)
Coolant Capacity	17.6 liters
Oil Capacity	5 quarts

Fuel System	Sequential multi-port electronic fuel injection (SEFI)
DRIVETRAIN	
Transmission	4-speed automatic with overdrive
Gear Ratios	
1st	2.84:1
2nd	1.55:1
3rd	1.00:1
4th	0.70:1
Reverse	2.30:1
Axle Ratio	3.55:1 (limited slip)
Shift Points	At Wide Open Throttle
1 st to 2 nd Gear	@ 6,000 rpm
2 nd to 3 rd Gear	@ 6,200 rpm
3 rd to 4 th Gear	speed limited @ 120 mph
Front Suspension	Independent: unequal-length control arms, coil springs, monotube shock absorbers, and stabilizer bar
Rear Suspension	Live axle: four-bar link with Watt's linkage; air springs, monotube shock absorbers, and stabilizer bar
Steering Type	Rack and pinion, speed sensitive; variable power assist

Turns Lock-to-Lock	2.83
Turning Circle	40 ft., curb-to-curb
Brakes	Power anti-lock disc brakes with electronic brake-force distribution
Front Brakes	12.4 in. x 1.1 in. rotor; twin-piston caliper
Rear Brakes	11.1 in. x .74 in. rotor; single-piston caliper
Wheels and Tires	
Wheels	18 in. x 8 in. 10-spoke aluminum alloy (convertible) 18 in. x 8 in. 5-spoke aluminum alloy (sedan)
Front Tires	P235/50WR18 BFGoodrich g-Force T/A
Rear Tires	P245/55WR18 BFGoodrich g-Force T/A
DIMENSIONS	
Wheelbase	114.7 in.
Overall Length	211.9 in.
Overall Width	78.2 in.
Overall Height	56.8 in.
Frontal Area	26.33 sq. ft.
Curb Weight	4,165 lbs. (sedan)

Weight Distribution	55% (front) / 45% (rear)
Fuel Capacity	19 gallons
Trunk Capacity	20.6 cu. ft.
Ground Clearance	5.69 in. (sprung) / 5.54 in. (unsprung)
Drag Coefficient	.36
INTERIOR DIMENSIONS	
	Front/Rear
Legroom	42.5 in. / 38.4 in.
Shoulder Room	60.1 in. / 60.3 in.
Hip Room	58.0 in. / 58.7 in.
Headroom	39.4 in. / 38.1 in.
Passenger Volume	109.9 cu. ft.
CONSUMER INFORMATION (sedan)	
Assembly Plant	St. Thomas, Ontario, Canada
Basic Warranty	3 years/36,000 miles, bumper-to-bumper
Roadside Assist	3 years, 36,000 miles
Air bags	Personal Safety System™, front seat-mounted side air bags