

2004 MAZDA TRIBUTE TECHNICAL SPECIFICATIONS

Introduced in 2001, the Tribute was Mazda's second entry into the sport utility segment. Then available in three trim levels – DX, LX and ES, the popular Tribute carved its own niche in the SUV market and received notable awards such as a "Most Wanted for 2001" from *Edmunds.com* and a "Best Buy" from *Consumer's Digest*. It was also called "top of its class" by *NewCarTestDrive.com* in 2003 and rated a "Best Buy" by *Consumer Guide*.

The DX I-4 model is powered by a 130-horsepower, DOHC, 2.0-liter in-line four-cylinder engine with a five-speed manual transmission. The LX and ES models feature a powerful and smooth 201-horsepower, DOHC, 3.0-liter V-6 mated to a crisp-shifting four-speed automatic transmission. The Tribute is available with front-wheel drive or with an on-demand Rotary Blade Coupling™ four-wheel-drive system that gives it all-road, all-weather capability. Power-assisted rack-and-pinion steering is standard, tuned to deliver road feel and responsiveness more closely resembling the handling of the Mazda Miata than that of a traditional SUV. Ventilated front disc brakes and rear drums are standard, and a four-wheel Anti-lock Brake System (ABS) with Electronic Brakeforce Distribution (EBD) is standard on the ES and an option for the LX.

Inside, the Tribute offers comfortable seating for five, while also allowing ample cargo room behind the second seat. With the second-row seat folded, there is 74.4 cubic feet of cargo area, enough room to easily accommodate 4' x 8' sheets of building materials (with the liftgate window open). Leather seating surfaces and a six-way power driver's seat are standard on the ES model, and a cloth surfaced six-way power driver's seat is an option for the LX. A powerful 190-watt AM/FM/cassette/six-disc in-dash CD audio system is available on LX and ES models and features seven speakers, including a 90-watt subwoofer. The Tribute also comes with dual air bags, while front seat-mounted side airbags are available on the LX and standard on the ES. When equipped with the optional trailer tow package, the Tribute can tow up to 3,500 pounds.

In 2003, the Tribute received its most significant interior upgrades since its introduction. Modifications included new, softer and more supple leather seats (ES), a two-tone dashboard in either gray or beige, a brushed-aluminum finish to the center dash panel and dual-illuminated sunvisors (LX, ES). To complement the Tribute's standard interior changes, Mazda added a Cold Package option, complete with heated seats and mirrors, to the ES trim level. On the exterior, the rear key cylinder was removed and a remote key fob now accesses the rear liftgate.

For 2004, Tribute will receive further refinement options like color-keyed door edge guards and a compass/outside temperature auto-dimming rearview mirror with Homelink. With a host of exciting features, the Tribute is most recognized for being a practical, fun-to-drive vehicle.

Engines	
I-4:	
Type	2.0L DOHC 16-Valve I-4 (LEV—all 50 states)
Output (SAE net)	130 hp @ 5400 rpm
Torque (SAE net)	135 lb-ft @ 4500 rpm
Bore x Stroke (in/mm)	3.34 x 3.46/84.8 x 88.0
Displacement (cu in/cm)	121.4/1989
Compression Ratio	9.6:1
V-6:	
Type	3.0L DOHC 24-Valve V-6 (LEV—all 50 states)
Output (SAE net)	201 hp @ 5900 rpm
Torque (SAE net)	196 lb-ft @ 4700 rpm
Bore x Stroke (in/mm)	3.50 x 3.13 /89.0 x 79.5
Displacement (cu in/cm)	181.1 x 2967
Compression Ratio	10.0:1

Transmissions		
Manual (DX)	Five-speed manual (standard)	
Automatic (LX & ES, optional on DX)	Four-Speed, EC-AT w/ overdrive and lock-up torque converter	
Gear Ratios :1	Manual 2WD/4WD	Automatic 2WD/4WD
1 st	3.67	2.89
2 nd	2.06	1.57
3 rd	1.31	1.00
4 th	1.03	0.70
5 th	0.84	N/A
Reverse	3.45	2.31
Final Drive	4.59	3.78

Suspension	
Front	Independent, MacPherson strut, coil springs and stabilizer bar
Rear	Multi-link with two lateral links and trailing arms

Steering & Brakes	
Steering Type	Engine-speed-sensing power rack-and-pinion
Turning Diameter (ft.)	P215 tire: 35.4 / P235 tire: 36.8
Turns to Lock	P215 tire: 2.7 / P235 tire: 2.6
Brakes	Power assist (ABS EBD standard on ES, optional LX)
	Front 10.9-inch ventilated discs
	Rear 9.0-inch LT drums

Tires and Wheels	
Tires	P215/70R-16 all-season radial (DX) P235/70R-16 all-season radial (LX & ES)
Wheels	16 x 6.5 six-spoke cast aluminum (DX) 16 x 7.0 five-spoke cast aluminum (LX & ES)

Dimensions		
		Inches (mm)
Length		173.0 (4395)
Width		71.9 (1825) (with wheel lip molding) 70.8 (1800) (without wheel lip molding)
Height		69.3 (1761) DX w/ P215 tire 69.9 (1775) LX&ES w/ P235 tire
Wheelbase		103.1 (2620)
Minimum Ground Clearance (Laden)		7.9 (200) DX 8.4 (214) LX&ES
Track	Front	60.6 (1540) DX 61.0 (1550) LX&ES
	Rear	59.8 (1520) DX 60.2 (1530) LX&ES
Head Room	Front	38.2 (971) (with moonroof) 40.3 (1024) (without moonroof)
	Rear	36.9 (937) (with moonroof) 38.9 (988) (without moonroof)

Leg Room	Front	41.7 (1058)
	Rear	36.9 (938)
Shoulder Room	Front	55.9 (1420)
	Rear	55.7 (1415)
Coefficient of Drag (Cd)		0.39
Vehicle Size Category		DX I-4: LDT1 (Light-Duty Truck 1) LX & ES: LDT2 (Light-Duty Truck 2)
EPA Passenger Volume (cu ft)		95.6 (with moonroof) 100.7 (without moonroof)
EPA Total Interior Volume (cu ft)		128.6 (with moonroof) 133.8 (without moonroof)
EPA Cargo Volume Behind Rear Seat (cu ft)		33.1
EPA Cargo Volume Behind Front Seats With Rear Seat Folded (cu ft)		74.4

Capacities	
Fuel (gal)	16.4 (I-4) 16.4 (V-6)
Coolant (qt)	5.3 (I-4) 10.6 (V-6)
Engine Oil (qt)	4.5 (I-4) 5.5 (V-6)
Passenger Seating	Five full-size adults

Curb Weight	
Transmission	Lb.
I-4 2WD	3050
I-4 4WD	3207
V-6 2WD	3321
V-6 4WD	3491
Gross Vehicle Weight Rating	
I-4 2WD	4020
I-4 4WD	4140
V-6 2WD	4340
V-6 4WD	4480
Weight Distribution % front/rear (I-4)	60:40 (2WD) 59:41 (4WD)
Weight Distribution % front/rear (V-6)	62:38 (2WD) 61:39 (4WD)

Fuel Economy			
		Manual	Automatic
DX (4x2)	City mpg	23	N/A
	Highway mpg	28	N/A
DX (4x4)	City mpg	22	N/A
	Highway mpg	25	N/A
LX (4x2)	City mpg	N/A	19
	Highway mpg	N/A	25
ES (4x2)	City mpg	N/A	19
	Highway mpg	N/A	25
ES (4x4)	City mpg	N/A	18
	Highway mpg	N/A	23