

## 2004 MAZDA MPV TECHNICAL SPECIFICATIONS

Introduced in 1988 as a 1989 model, the original MPV minivan featured rear-wheel drive, a swing-out rear passenger-side door and available four-wheel drive. The MPV was powered by a choice of a 3.0-liter V-6 automatic and a 2.6-liter four-cylinder engine with a five-speed manual transmission. The four-cylinder powertrain was discontinued in 1992. In 1996, the MPV received styling changes, a rear driver's side door, power windows in all four doors, a removable third-row seat and available second-row captain's chairs. In 1997, the popular All-Sport package was introduced. For the 2000 model year, an all-new MPV was introduced. It featured dual sliding doors with power windows, Side-by-Slide™ removable second-row seating and a Tumble-Under™ third-row seat that folds flat into the floor and also flips over to face rearward. The platform for the 2000 MPV also featured a front-wheel drive, 2.5-liter, 170-horsepower V-6 engine with optional ABS and side airbags. Even after the new model launch, the MPV was refined further for 2001 with more standard equipment. MPV owners enjoyed keyless/illuminated entry and a three-in-one audio system as standard equipment on the LX. For enhanced safety, the 2001 MPV received child-seat tether anchors.

In 2002, the MPV continued to distance itself from other "soulless" minivans by gaining a new 3.0-liter DOHC 24-valve V-6 engine that boasts 200 horsepower at 6,200 rpm and 200 lb-ft of torque at 3,000 rpm. A new five-speed automatic transmission works in concert with the engine to achieve the improved performance. In 2003 it netted standard 16-inch wheels on the LX and a bright exhaust tip on both the LX and ES. It also furthered its sporty yet upscale image with the addition of the Mazda DVD entertainment system. The system comes complete with infrared headphones, seven-inch LCD screen and can play MP3, CD and DVD files. Power sliding rear side doors became available on both trim levels and Mazda's seat-side table became standard on LX.

MPV receives a complete facelift for 2004, including newly designed 16- (LX) and 17-inch (ES) alloy wheels, four wheel disc brakes, fog lamps (ES), a new hood and front fender, new front and rear bumpers, new front grille, headlights and combination lights and side sill extensions. To match the new exterior, the interior has been upgraded with standard front and rear AC, driver's lumbar support, new seat upholstery and trim fabric, a sporty three-spoke steering wheel, a more ergonomic front- and second-row head rest design, chrome-plated gauge trim rings, front door storage pockets with bottle holders and a spring assist third-row seat folding function. Also new for 2004 is a standard Sirius satellite radio-ready audio head unit and standard side repeater/turn signal lights.

Engine	
Type	3.0L DOHC 24-valve V-6
Displacement (cu in/cc)	181/2967
Bore x Stroke (in)	3.5 x 3.1
Compression Ratio	10.0:1
Output (SAE net)	200 hp @ 6200 rpm
Torque (SAE net)	200 lb-ft @ 3000 rpm
Redline	6500

Transmission		
Type	Front-wheel drive	
Transmission	Five-speed EC-AT with overdrive	
Gear Ratios :1	First	3.80
	Second	2.13
	Third	1.36
	Fourth	0.94
	Fifth	0.69
	Reverse	2.97
Final Drive	3.49	

Suspension	
Front	Independent strut located by control arm; coil springs, stabilizer bar
Rear	Torsion beam with coil springs, stabilizer bar

Steering and Brakes	
Steering Type	Engine-speed-sensing power rack-and-pinion
Turning Diameter (ft)	37.4
Turns to Lock	3.3
Overall Ratio	19.0:1
Brakes	Power assist w/ dual diagonal hydraulic circuits, four-wheel, four-sensor, three-channel ABS with Electronic Brakeforce Distribution (EBD)
	Front 10.8-inch ventilated discs
	Rear 11.3-inch ventilated discs

Tires and Wheels	
Tires	P215/60R-16 all-season radial (LX) P215/60R-17 all-season radial (ES)
Wheels	16 x 6.5 cast aluminum (LX) 17 x 7.0 cast aluminum (ES)

Dimensions			
	Inches (mm)		
Length	189.5 (4813)		
Width	72.1 (1832)		
Height	68.7 (1745) LX 69.1 (1755) ES		
Wheelbase	111.8 (2840)		
Minimum Ground Clearance (laden)	5.3 (133)		
Cargo Volume (cu ft)	Behind Third Row Seat	17.2	
	Third Row-Seat Folded	54.6 53.7 with rear AC	
	Second-Row Seat Removed, Third Seat Folded Down	127.0 124.5 with moonroof	
	Total Volume (cu ft)	151.9	
Track	Front	60.6 (1540)	
	Rear	61.0 (1550)	
Head Room / with moonroof	Front Row	41.0/39.0 (1041/991)	
	Second Row	39.3/37.4 (998/950)	
	Third Row	38.0 (965)	
Leg Room	Front Row	40.8 (1036)	
	Second Row	37.0 (940)	
	Third Row	35.6 (904)	
Shoulder Room	Front Row	59.8 (1519)	
	Second Row	60.8 (1544)	
	Third Row	58.1 (1476)	
Hip Room	Front Row	54.6 (1386.8)	
	Second Row	62.6 (1590)	
	Third Row	46.9 (1191)	

Capacities	
Passenger Seating	7
Fuel (gal)	19.8
Oil (qts)	6.0
Coolant (qts)	10.0
	11.9 with 4-Seasons Package
Towing Capacity (lbs)	2000/3000 with 4-Seasons/Towing package

**Curb Weight**

<b>Curb Weight (lb.)</b>	3772
<b>Gross Vehicle Weight Rating (lb.)</b>	5260
<b>Weight Distribution % front/rear</b>	59:41

**Fuel Economy**

<b>EPA Mileage City/Highway (mpg)</b>	18/25
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