

2006 MAZDA MPV TECHNICAL SPECIFICATIONS

ENGINE	
Type	3.0L DOHC 24-valve 6-cylinder
Displacement (cu in/cc)	181.1/2,968
Bore x Stroke (in)	3.50 x 3.13
Compression Ratio	10.0:1
Output (SAE net)	200 @ 6,200 rpm
Torque (SAE net)	200 @ 3,000 rpm
Redline	6,500

FUEL SYSTEM	
Fuel Injection	Multi-port electronic fuel injection
Recommended Fuel	Regular Unleaded
Emission Control	3-way catalytic converter

IGNITION SYSTEM	
System	Full transistor breakerless electronic
Alternator	12V-110 A

TRANSMISSION	
Type	Front Wheel Drive (FWD)
Gear Ratios :1	5-speed EC-A/T with overdrive
First	3.80
Second	2.13
Third	1.36
Fourth	0.94
Fifth	0.69
Reverse	2.97
Final Drive	3.49
Clutch Type	Torque converter with electronic lock-up

STEERING AND BRAKES	
Steering Type	Rack-and-Pinion
Power Assist	Engine-rpm sensitive; variable power assist
Turning Diameter (ft)	37.4
Turns Lock-to-Lock	3.3
Overall Ratio	19.0:1
Brakes	Power assist w/dual diagonal hydraulic circuits, 11-in. tandem vacuum servo, 4-wheel, 4-sensor, 3-channel ABS with EBD
Front	10.8-inch ventilated discs
Rear	11.3-inch ventilated discs
Parking	Mechanical, hand-operated on rear wheels

CAPACITIES	
Passenger Seating	7
Fuel (gal)	19.8
Oil (qts)	6.0
Coolant (qts)	10.0 or 11.9 w/ 4-Seasons/Towing Package
Vehicle Size Category	Special Purpose 2WD
Passenger Volume (cu ft)	134.7
Cargo Volume (cu ft)	
Behind 3rd-Row Seat	17.2
3rd-Row Seat Folded	54.6 (53.7 with rear A/C)
2nd-Row and 3rd-Row Seat Folded	127.0 (124.5 with moonroof)
Total Volume (cu ft)	151.9
Towing Capacity (lb.)	2,000 or 3,000 w/ 4-Seasons/Towing Package

DIMENSIONS			
	LX-SV	LX	ES
	Inches (mm)		
Length	189.3 (4,808)	189.5 (4,813)	
Width	72.1 (1,831)		
Height	68.7 (1,745)		69.1 (1,755)
Wheelbase	111.8 (2,840)		
Min. Ground Clearance (laden)	5.3 (135)		
Track			
Front	60.6 (1,539)		
Rear	61.0 (1,549)		
Head Room w/ moonroof			
Front Row	39.0 (991)		
Second Row	37.4 (950)		
Third Row	38.0 (965)		
Head Room w/o moonroof			
Front Row	41.0 (1,041)		
Second Row	39.3 (998)		
Third Row	38.0 (965)		
Leg Room			
Front Row	40.8 (1,036)		
Second Row	37.0 (940)		
Third Row	35.6 (904)		
Shoulder Room			
Front Row	59.8 (1,519)		
Second Row	60.8 (1,544)		
Third Row	58.1 (1,476)		
Hip Room			
Front Row	54.6 (1,387)		
Second Row	62.6 (1,590)		
Third Row	46.9 (1,191)		

TIRES AND WHEELS			
	LX-SV	LX	ES
Tires	P205/65R-15 all-season	P215/60R-16 all-season	P215/60R-17 all-season
Wheels	15 x 6.0 JJ steel w/ full covers	16 x 6.5 JJ cast aluminum	17 x 7.0 JJ cast aluminum

SUSPENSION	
Front	Independent struts; coil springs and stabilizer bar
Rear	Torsion beam with coil springs

CURB WEIGHT	
Curb Weight (lb.)	3,772
GVWR	5,260

FUEL ECONOMY	
EPA Mileage	
City/Highway (mpg)	18 / 25