

2006 MAZDA5 TECHNICAL SPECIFICATIONS

ENGINE	
Type	2.3L DOHC 16-valve 4-cylinder with VVT
Displacement (cu in/cc)	137.9/2,260
Bore x Stroke (in)	3.44 X 3.70
Compression Ratio	9.7:1
Output (SAE net)	157 @ 6,500 rpm
Torque (SAE net)	148 @ 3,500 rpm
Redline	6,500

FUEL SYSTEM	
Fuel Injection	Multi-port electronic fuel injection
Recommended Fuel	Regular Unleaded
Emission Control	Calif: LEV2-A Fed: T2 BIN5-A

IGNITION SYSTEM	
System	Distributor Less Ignition (DLI)
Alternator	12V-90 A

TRANSMISSION		
Type	Front Wheel Drive (FWD)	
Gear Ratios :1	5-speed M/T	4-speed Sport A/T
First	3.31	2.81
Second	1.84	1.55
Third	1.31	1.00
Fourth	0.97	0.70
Fifth	0.76	N/A
Reverse	3.17	2.28
Final Drive	4.39	4.42
Clutch Type M/T	Single dry plate with diaphragm spring	
Clutch Type A/T	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)	34.8
Turns Lock-to-Lock	2.9
Overall Ratio	16.2
Brakes	Power assist; ABS with EBD
Front	11.8-inch ventilated discs
Rear	11.9-inch solid discs
Parking	Mechanical, hand-operated on rear wheels

CAPACITIES	
Passenger Seating	6
Fuel (gal)	15.9
Oil (qts)	4.1
Coolant (qts)	7.4
Vehicle Size Category	Midsized Wagon
Passenger Volume (cu ft)	97.7
Cargo Volume (cu ft)	44.4
Total Volume	142.1

DIMENSIONS	
	Inches (mm)
Length	181.5 (4,610)
Width	69.1 (1,755)
Height	64.2 (1,631)
Wheelbase	108.3 (2,751)
Min. Ground Clearance (laden)	5.5 (140)
Track	
Front	60.2 (1,529)
Rear	59.6 (1,514)
Head Room w/ moonroof	
Front Row	38.9 (988)
Second Row	39.2 (996)
Third Row	37.1 (942)
Head Room w/o moonroof	
Front Row	40.7 (1,034)
Second Row	39.4 (1,000)
Third Row	37.1 (942)
Leg Room	
Front Row	40.7 (1,034)
Second Row	35.2 (894)
Third Row	30.7 (780)
Shoulder Room	
Front Row	55.5 (1,410)
Second Row	55.6 (1,412)
Third Row	49.2 (1,250)
Hip Room	
Front Row	52.9 (1,344)
Second Row	58.3 (1,481)
Third Row	40.9 (1,039)

TIRES AND WHEELS	
Tires	P205/50-R17 all-season
Wheels	17 x 6.5 J alloy

SUSPENSION	
Front	MacPherson Strut
Rear	Independent, multi-link

CURB WEIGHT	
Curb Weight (lbs)	M/T - 3,333; A/T - 3,389
GVWR (lbs)	4,572
Weight Distribution % front/rear	M/T = 55.6 / 44.4 A/T = 56.3 / 43.7

FUEL ECONOMY	
EPA Mileage	
City/Highway (mpg) - M/T	22/27
City/Highway (mpg) - A/T	21/26