

2006 MAZDASPEED6 SEDAN TECHNICAL SPECIFICATIONS

ENGINE	
Type	2.3L DOHC 16-valve 4-cylinder with Turbo
Displacement (cu in/cc)	137.9/2,260
Bore x Stroke (in)	3.44 x 3.70
Compression Ratio	9.5:1
Output (SAE net)	274 @ 5,500 rpm
Torque (SAE net)	280 @ 3,000 rpm
Redline	6,700

FUEL SYSTEM	
Fuel Injection	Direct injection
Recommended Fuel	Premium Unleaded
Emission Control	3-way catalytic converter

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

TRANSMISSION	
Type	All Wheel Drive (AWD)
Gear Ratios : 1	Sport 6 M/T
First	3.54
Second	2.24
Third	1.54
Fourth	1.17
Fifth	1.09
Sixth	0.85
Reverse	3.83
Final Drive	3.94
Clutch Type	Single dry plate with diaphragm spring

STEERING AND BRAKES	
Steering Type	Rack-and-Pinion
Power Assist	Engine-rpm sensitive; variable power assist
Turning Diameter (ft)	36.8
Turns Lock-to-Lock	2.6
Overall Ratio	16.1:1
Brakes	Power assist, 4-wheel, 4 sensor, 3-channel ABS with EBD
Front	12.6-inch ventilated discs
Rear	12.4-inch solid discs
Parking	Mechanical, hand-operated on rear wheels

CAPACITIES	
Passenger Seating	5
Fuel (gal)	15.9
Oil I-4 / V-6 (qts)	6.8
Coolant (qts)	8.5
Vehicle Size Category	Compact
Passenger Volume (cu ft)	96.2
Cargo Volume (cu ft)	12.4
Total Volume (cu ft)	108.6

DIMENSIONS	
	Inches (mm)
Length	186.8 (4,745)
Width	70.1 (1,781)
Height	56.3 (1,430)
Wheelbase	105.3 (2,675)
Min. Ground Clearance (laden)	4.9 (124)
Track	
Front	60.6 (1,539)
Rear	60.6 (1,539)
Headroom w/ moonroof	
Front	38.0 (965)
Rear	37.1 (942)
Headroom w/o moonroof	
Front	38.7 (983)
Rear	37.1 (942)
Leg Room	
Front	42.3 (1,074)
Rear	36.5 (927)
Shoulder Room	
Front	56.1 (1,425)
Rear	54.9 (1,394)
Hip Room	
Front	54.7 (1,389)
Rear	54.1 (1,374)

TIRES AND WHEELS	
Tires	P215/45R-18 summer radials
Wheels	18 x 7.0 J

SUSPENSION	
Front	Independent, high-mount double wishbone, coil springs and stabilizer bar
Rear	Independent, E-type multi-link, coil springs and stabilizer bar

CURB WEIGHT	
Curb Weight (lbs)	3,589
GVWR (lbs)	4,552
Weight Distribution % front/rear	60/40

FUEL ECONOMY	
EPA Mileage	Manual
City/Highway (mpg)	20/26