



2008 MAZDA6 5-Door	i Sport VE	i Touring	i Grand Touring	s Sport VE	s Touring	s Grand Touring
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ENGINE

Engine Type	2.3L DOHC 16-valve 4-cylinder with VVT	3.0L DOHC 24-valve 6-cylinder with VVT
Horsepower, SAE net	156 @ 6500 rpm (146 @ 6000 rpm for I4 AT PZEV)	212 @ 6000 rpm
Torque, SAE net (lb./ft.)	154 @ 4000 rpm (149 @ 4000 rpm for I4 AT PZEV)	197 @ 5000 rpm
Displacement (cubic inches)	137.9	181.1
Bore x Stroke (inches)	3.44 x 3.70	3.50 x 3.13
Compression ratio	9.7:1	10.0:1
Valvetrain	4 valves per cylinder, mechanical lifters	4 valves per cylinder, hydraulic lifters
Redline	6500 rpm	
Engine block	Aluminum alloy	
Cylinder heads	Aluminum alloy	

FUEL ECONOMY

EPA mileage, City/Highway (mpg) – Manual Transmission	21/29	17/25
EPA mileage, City/Highway (mpg) – Automatic Transmission	21/28	18/25

FUEL SYSTEM

Fuel Injection	Multi-port electronic fuel injection		Multi-port electronic fuel injection	
Recommended minimum fuel requirement	Regular unleaded 87 octane		Regular unleaded 87 octane	
	MT	5AT	MT	6AT
1st	3.307	3.62	3.153	4.148
2nd	1.842	1.925	1.842	2.37
3rd	1.233	1.285	1.258	1.555
4th	0.97	0.933	0.947	1.154
5th	0.755	0.692	0.733	0.859
6th	×	×	×	0.685
Reverse	3.166	3.405	3.002	3.393
Final Drive	4.388	3.863	4.133	3.464

2008 MAZDA6 5-Door

Engine & Mechanical



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SUSPENSION & CHASSIS

Front suspension	Independent, high-mount double wishbone, coil springs, and stabilizer bar
Rear suspension	Independent, E-type multi-link, coil springs, and stabilizer bar
Shock absorbers	Cylindrical, double-acting
Steering type	Rack-and-pinion
Power assist	Engine-rpm sensitive; variable power-assist
Overall steering ratio	16.1:1
Steering wheel Turns-to-Lock	2.54
Turning circle, Curb-to-Curb (feet)	38.7
Braking system	Power assist; 4-wheel, 4-sensor, 3-channel Anti-Lock Brake System with Electronic Brakeforce Distribution
Front Brakes	Ventilated discs (11.8 x 1.0 inches)
Rear Brakes	Solid discs (11.0 x 0.4 inches)

TIRES & WHEELS

Tires	P215/50R17 93V all-season	P215/50R17 93V all-season	P215/45R18 93W all-season
Wheels	7.0JJ x 17	7.0JJ x 17	7.0J x 18 (Alloy)

Exterior Features

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EXTERIOR FEATURES

Antenna, roof-mounted (mast-type)	S	S	S	S	S	S
Bumpers, front & rear, body-color sport-type	S	S	S	S	S	S
Door handles, body-color	S	S	S	S	S	S
Fog lights, front	X	X	S	X	X	S
Front grille, body-color sport-type	S	S	S	S	S	S
Headlights, halogen	S	S	X	S	S	X
Headlights, HID	X	X	S	X	X	S
Headlight housings, clear	S	S	X	S	S	X
Headlight housings, black	X	X	S	X	X	S
Mirrors, dual power remote, body-color	S	S	X	S	S	X
Mirrors, dual power remote heated, body-color	X	X	S	X	X	S
Rear spoiler, wing type	S	S	S	S	S	S
Side moldings, body-color	S	S	S	S	S	S
Side sill extensions, body-color	S	S	S	S	S	S
Windshield, green-tinted glass with sunshade	S	S	S	S	S	S
Windshield wipers, variable-intermittent	S	S	S	S	S	S
Intermittent rear washer/wiper	S	S	S	S	S	S

WHEELS & TIRES

Tires, size / type	P215/50 R17 (S)	P215/50 R17 (S)	P215/50 R17 (S)	P215/50 R17 (S)	P215/50 R17 (S)	P215/45 R18 (S)
Wheels, size / type	17" / Alloy (S)	17" / Alloy (S)	17" / Alloy (S)	17" / Alloy (S)	17" / Alloy (S)	18" / Alloy (S)

EXTERIOR DIMENSIONS

Wheelbase (inches)	105.3
Track, front (inches)	60.2
Track, rear (inches)	60.2
Length (inches)	186.8
Width (inches)	70.1
Height (inches)	56.7
Minimum ground clearance, laden (inches)	5.1

Interior Features

2008 MAZDA6 5-Door

i Sport VE

i Touring







































































































































































































i Grand Touring

s Sport VE

s Touring

s Grand Touring

COMFORT & CONVENIENCE

Air conditioning						
Pollen filter						
Heater/Defroster with multiple-speed fan						
Automatic climate control						
Heater ducts, rear seat						
Cruise control with steering wheel-mounted controls						
Steering wheel-mounted audio controls						
Center console armrest with covered dual storage compartments						
Rear seat center armrest with dual cup holders						
Front seatback storage pocket - driver side						
Front door storage pockets with bottle holders						
Coat hooks (2)						
Coin holder						
Cup holders, (2) front & (2) rear (in armrest)						
Defogger, rear window						
Demisters, front side windows						
Door locks, power / double action						
Floor mats, carpeted						
Glove compartment, illuminated with lock						
Instrument panel display, center (clock, audio, A/C, outside temp)						
Ignition switch illumination						
Delayed courtesy lights (front & rear map lights, front door lights)						
Map lights, front & rear						
Mirrors, vanity / driver & passenger / illuminated						
Mirror, day/night rearview						
Windows, power with driver/passengers one-touch-up/down feature / cancel switch and global open/close						
Windows, key/fob activated remote up/down (front only)						
Power sliding moonroof with interior sunshade						
Passenger assist grips (3)						
12V power outlets (Quantity)	 (1)	 (1)	 (1)	 (2)	 (2)	 (2)
Remote keyless illuminated entry						
Tilt & telescopic steering wheel						
Steering wheel, leather-wrapped						

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Interior Features

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Shift knob, leather-wrapped	S	S	S	S	S	S
Parking brake handle, leather-wrapped	S	S	S	S	S	S
Sunglasses holder, overhead	S	S	S	S	S	S
Auto-dimming inner mirror	X	X	S	X	X	S
Homelink® system	X	X	S	X	X	S

SEATING & TRIM

Seats, reclining front bucket type	S	S	S	S	S	S
60/40 split fold-down rear seats with remote operation	S	S	S	S	S	S
Headrests, front height-adjustable	S	S	S	S	S	S
Headrests, rear height-adjustable	S	S	S	S	S	S
Heated front seats	X	S	S	X	S	S
8-way power driver's seat w/ manual adj. lumbar support	S	S	S	S	S	S
Seats, cloth	S	X	X	S	X	X
Seats, leather-trimmed	X	S	S	X	S	S
Door trim, cloth	S	X	X	S	X	X
Door trim, synthetic leather	X	S	S	X	S	S
Power window switch panel trim, dark gray	S	S	S	S	S	S
Instrument panel trim insert, dark gray	S	S	S	S	S	S
Scuff plates, color-keyed	S	S	S	S	S	S

AUDIO / ENTERTAINMENT SYSTEMS

AM/FM/CD 6-speaker sound system (4 full-range door speakers & 2 tweeters)	S	X	X	X	X	X
Sirius satellite radio-compatible audio system (requires additional hardware)	S	S	S	S	S	S
BOSE® 7-speaker sound system (200-watt) with amplified subwoofer	X	S	S	X	S	S
In-dash 6-disc CD changer	S	S	S	S	S	S
Navigation, voice-activated system with retractable 7" display	X	X	□	X	X	□

INSTRUMENTATION

Gauges, black with white lettering & red nighttime illumination	S	S	X	S	S	X
Gauges, electroluminescent with red nighttime illumination	X	X	S	X	X	S
Tachometer	S	S	S	S	S	S
Trip odometers (2), resettable	S	S	S	S	S	S

Mazda reserves the right to change specifications at any time without incurring obligation. Availability may be limited by location and time. Please consult your local dealer for full details.

Interior Features

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Warning lights: Air bags, Battery charge, Check engine, Door ajar, High-beam, Low fuel, Oil pressure, Parking brake, Seat belts	S	S	S	S	S	S

INTERIOR DIMENSIONS

Headroom without moonroof, front/rear (inches)	38.7/36.7
Headroom with moonroof, front/rear (inches)	38.0/36.7
Shoulder room, front/rear (inches)	56.1/54.9
Leg room, front/rear (inches)	42.3/36.5
Hip room, front/rear (inches)	54.7/54.1
Rear knee clearance (inches)	2.4

CAPACITIES

Passenger volume (cubic feet)	95.7
Cargo volume (cubic feet)	22.1
Cargo volume w/rear seats folded (cubic feet)	58.7

Safety & Security

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SAFETY & SECURITY

Whiplash-reducing front seat headrests	S	S	S	S	S
Front safety-belt pretensioners with force-limiters	S	S	S	S	S
3-point safety belts - all seating positions	S	S	S	S	S
Dual front air bag supplemental restraint system (SRS)	S	S	S	S	S
Side-impact air bags, front coverage	S	S	S	S	S
Side air curtains, front & rear coverage	S	S	S	S	S
Child safety rear door locks	S	S	S	S	S
Rear seat headrests	S	S	S	S	S
LATCH system - rear seat child safety seat lower anchors & upper tethers	S	S	S	S	S
Trunk entrapment release system	S	S	S	S	S
Anti-theft alarm system	S	S	S	S	S
Tire Pressure Monitoring System (TPMS)	S	S	S	S	S
Engine-immobilizer anti-theft system	S	S	S	S	S

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* Always wear your safety belt and secure children in the rear seat



Options and Accessories

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OPTION PACKAGES

Navigation System	✕	✕	□	✕	✕	□
5-Speed Sport AT	□	Ⓢ	Ⓢ	✕	✕	✕
6-Speed Sport AT	✕	✕	✕	□	Ⓢ	Ⓢ
Emissions Equipment - CA/MA/ME/NY/VT/CT/RI/PA	□	□	□	□	□	□