

STANDARD FEATURES

i SPORT

FUNCTIONAL

2.3L DOHC 16-valve 4-cylinder engine with VVT
 5-speed manual transmission; Front wheel drive
 Power-assisted front ventilated disc/rear solid disc brakes
Anti-Lock Brake System (ABS) with Electronic Brakeforce Distribution (EBD)
Traction Control System (TCS)
 Power-assisted rack-and-pinion steering with engine-speed sensing variable assist
 Front double-wishbone suspension
 Rear E-type multi-link suspension with shock absorbers & coil springs
 Front and rear stabilizer bars
 Underhood insulator pad

EXTERIOR

17" alloy wheels
 P215/50R17 V-rated all-season tires
 Temporary spare tire
 Clear-lens halogen headlights w/ automatic headlight shutoff delay
 Gray color headlight housing
 Fog lights
 Red-lens taillights
 High-mount brake light - rear liftgate integrated (exterior)
 Body-color sport grille
 Sport-type body-color front & rear bumpers
 Side sill extensions
 Rear spoiler (less center high-mount brake light)
 Body-color door handles
 Body-color protective side moldings
 Body-color dual power remote mirrors (fixed type)
 Green tinted-glass (all windows) and windshield with sunshade
 Variable-intermittent windshield wipers
 Rear wiper w/ washer (timing constant)
 Rear window defogger
 Dual exhaust outlets with bright tips (oval type)
 Roof-mounted radio antenna (mast type; removable)

INTERIOR

5-passenger seating capacity
 Two-tone interior color
 Full carpeting; Carpet floor mats
 Cloth-trimmed seat upholstery
 Reclining front bucket seats with height adjustable headrests
 Height-adjustable rear seat headrests
8-way power driver's seat
 Front seatback storage pockets
 Front door storage pockets with bottle holders
 60/40 split fold-down rear seatback w/ remote operation (cargo area pull levers & seatback-mounted release buttons)
 AM/FM CD audio system & digital clock; 6-speaker sound system
Sirius satellite radio-compatible audio system
 Audio system Automatic Level Control (ALC)
 3-spoke leather-wrapped steering wheel with cruise & audio controls
 Leather-wrapped shift knob and parking brake handle
 Cruise control
 Tilt and telescopic steering column
 Remote keyless illuminated entry system
 Remote hood and fuel door release
 Power windows with driver-side one-touch down feature
 Power window cancel switch
 Power door locks with 2-stage unlocking; central locking feature

INTERIOR (continued)

Air conditioning and pollen air filter
 Mechanical HVAC controls (fan & temperature)
 Rear defogger & front window demisters
 Rear seat heater ducts
 Ignition key illumination
 Coin holder
 Center dash panel storage compartment with mat and lid
 Illuminated glove compartment with lock
 Cigarette lighter and illuminated ashtray
 12V power outlets (2)
 Front and rear overhead dual map lights
 Delayed courtesy lights (front and rear map lights, front door lights)
 Front cupholders with lid (2)
 Center console armrest with covered dual storage compartments
 Rear seat center armrest with cupholders (2)
 Cloth-covered sunvisors
 Illuminated driver-side covered visor vanity mirror with ticket holder
 Illuminated passenger-side covered visor vanity mirror
 Overhead sunglasses holder
 Day/night rearview mirror
 Headlights-on and key-in-ignition warning chimes
 Driver-side foot rest
 Black gauges with white lettering
 Resettable trip odometers (2)
 Red nighttime gauge and center instr. panel controls illumination
 Gauge illumination dimming control
 Center instrument panel display (A/C, audio, clock, ext. temperature)
 Titanium color center instrument panel trim (audio, A/C panel)
 Titanium color center floor console trim
 Titanium color MT shift boot panel trim
 Instrument panel trim insert - color-keyed
 Titanium color power window switch panels
 Color keyed scuff plates
 Floor-mounted MT gear shift lever
 Chrome-plated door handles
 Chrome-plated parking brake release button
 Molded cloth headliner
 Molded cloth door panel trim - front and rear
 Passenger assist grips with dampers (3)
 Coat hooks (2)
 Full cargo area trim
 Cargo area light; Cargo area hooks (4) & side pockets (2)
 Rigid-type cargo area cover (removable)
 Double-link trunk hinge design

SAFETY & SECURITY

Triple-H body construction
 Front and rear side-impact door beams
 Rear door catch pins
 "Crushable" brake and accelerator pedal assembly
 Advanced front air bags (SRS) - with dual action inflator with crash zone, driver's seat position, and **passenger weight** sensors
Side Air Bags & Side Air Curtains
 Front safety-belt pretensioners with force limiters
 3-point safety-belts for all seating positions (2 front; 3 rear)
 Height adjustable front shoulder belt "B" pillar anchors
 Whiplash-reducing front seat headrests
 LATCH rear seat child safety-seat lower anchors and upper tethers

STANDARD FEATURES

<i>i</i> SPORT	<i>s</i> SPORT (in addition to or in place of <i>i</i> SPORT)
<p><u>SAFETY & SECURITY (continued)</u> Child-safety rear door locks Keyless entry panic button feature Electronic lockout protection Engine immobilizer antitheft system Anti-theft perimeter alarm</p> <p><u>OPTIONS & PACKAGES</u> <u>Factory-Installed:</u> 4-speed Sport AT BOSE Audio & Moonroof Package Leather Package California Emissions Equipment (Req'd in CA, MA, ME, NY & VT)</p>	<p><u>FUNCTIONAL</u> 3.0L DOHC 24-valve 6-cylinder engine with VVT 5-speed manual transmission</p> <p><u>INTERIOR</u> Fully automatic climate control system Electric HVAC controls (fan & temperature) Sport-type instrument panel trim insert</p> <p><u>OPTIONS & PACKAGES</u> <u>Factory-Installed:</u> 6-speed Sport AT</p>

FUNCTIONAL FEATURES

Trim Levels

	<i>i Sport</i>	<i>s Sport</i>
Engine		
2.3L DOHC 16-valve 4-cylinder engine with Variable Valve Timing (VVT)	■	---
3.0L DOHC 24-valve 6-cylinder engine with Variable Valve Timing (VVT)	---	■
Underhood insulator pad	■	■
Engine block heater	A	A
Exhaust		
Non-Tier 2 Bin9 Federal emissions level	■	---
LEV-B (MT), PZEV-A (AT) California emissions level (required in CA, MA, ME, NY and VT)	O	---
Tier-2 Bin 5-A Federal emission level	---	■
ULEV-A California emission level	---	O
Stainless steel exhaust system with dual outlets and bright tips (oval type)	■	■
Drivetrain		
Front wheel drive	■	■
5-speed manual overdrive transmission	■	■
4-speed electronically-controlled Sport AT with overdrive	O	---
6-speed electronically-controlled Sport AT with overdrive	---	O
Steering		
Power-assisted rack-and-pinion steering with engine-speed-sensing variable assist	■	■
Front Suspension		
Double wishbone type	■	■
Stabilizer bar	■	■
Rear Suspension		
E-type multi-link with shock absorbers and coil springs	■	■
Stabilizer bar	■	■
Brakes		
Power-assisted front ventilated disc/rear solid disc brakes	■	■
Anti-lock Brake System (ABS) with Electronic Brakeforce Distribution (EBD) & Traction Control System (TCS)	■	■

■ = Standard

P = Package Option (factory)

O = Stand Alone Option (factory)

A = Dealer-Installed Accessory

PIO = Port-Installed Option

Bolded text = New or Revised Feature

EXTERIOR FEATURES

Trim Levels

	<i>i Sport</i>	<i>s Sport</i>
Body Type		
5-Door	■	■
Styling		
Door handles – grip type, body-color	■	■
Bumpers – body-color	■	■
Front bumper, sport type	■	■
Rear bumper, sport type	■	■
Side sill extensions	■	■
Rear spoiler - body color (less high-mount brake light)	■	■
Rear chrome finisher (part of CAP option package)	A/PIO	A/PIO
Sport Grille - body color	■	■
Front Grille Garnish - chrome (part of CAP option package)	A/PIO	A/PIO
Protective side moldings – body-color	■	■
Protective side moldings - chrome (part of CAP option package)	A/PIO	A/PIO
Roof molding - black	■	■
Fuel-Filler Door – body-color	■	■
Aluminum Fuel-Filler Door - bright chrome	A/PIO	A/PIO
Aluminum Fuel-Filler Door - pearl satin	A/PIO	A/PIO
Mazda logo, front grille (center) and hatch liftgate (center) – bright	■	■
Mazda6 badge, rear hatch liftgate (driver side) - bright	■	■
Touch-up paint - exterior color	A	A
Convenience		
Car cover	A	A
Car cover cable lock	A	A
Door Edge Guards - color-keyed	A/PIO	A/PIO
Front mask	A	A
Moonroof wind deflector	A/PIO	A/PIO
Wheels		
17-inch 5-spoke alloy wheels	■	■
Wheel locks (set of 4)	A/PIO	A/PIO
Tires		
215/50 R17 93V all-season tires	■	■
Temporary spare tire	■	■
Lighting		
Headlights - clear-lens (4-headlamp)	■	■
Headlight housing – gray color	■	■
Taillights - red-lens	■	■
Taillights - clear-lens sport type	A	A
Fog Lights - clear-lens halogen (integrated with headlight assembly)	■	■
Brake light - high-mount, rear liftgate integrated (exterior)	■	■

EXTERIOR FEATURES

Trim Levels

	<i>i Sport</i>	<i>s Sport</i>
Windows/Mirrors		
Variable-intermittent windshield wipers	■	■
Rear wiper with washer (timing constant)	■	■
Green-tinted window glass (all windows)	■	■
Windshield with sunshade	■	■
Window trim – black	■	■
Dual power remote mirrors – fixed type, body-color	■	■
Heated dual power remote door mirrors - fixed type, body-color	P	P

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INTERIOR FEATURES

Trim Levels

	<i>i Sport</i>	<i>s Sport</i>
Trim		
Cloth-trimmed seat upholstery	■	■
Leather-trimmed seat upholstery	P	P
Full carpeting	■	■
Floor mats, front and rear - carpeted	■	■
All-Weather Floor Mats	A/PIO	A/PIO
Scuff plates - color keyed	■	■
Door handles – chrome-plated	■	■
Molded cloth headliner	■	■
Molded cloth door panel trim - front and rear	■	■
Synthetic leather door panel trim - front & rear (incl. w/ leather seat upholstery)	P	P
Power window switch panel – titanium color	■	■
3-spoke steering wheel - leather-wrapped	■	■
3-spoke steering wheel - leather-wrapped (silver)	A	A
Tilt and telescopic steering column	■	■
Floor-mounted gear shift lever (M/T and A/T)	■	■
Shift knob - leather-wrapped (M/T and A/T)	■	■
Shift knob - leather-wrapped (M/T and A/T), black & silver	A	A
Parking brake handle - leather-wrapped	■	■
Parking brake handle - leather-wrapped, silver	A	A
Center floor console trim - titanium color	■	■
Shift boot panel trim (MT) - titanium color	■	■
Shift gate panel trim (AT) - titanium color	■	■
Center instrument panel trim (audio, A/C panel) – titanium color	■	■
Instrument panel trim insert - color-keyed	■	---
Instrument panel trim insert - sport-type	---	■
Full cargo area trim	■	■
Seating		
5-passenger seating capacity	■	■
Reclining front bucket seats	■	■
Driver's seat with manually adjustable height	■	■
8-way power driver's seat with manually adjustable lumbar support	■	■
Heated front seats	P	P
Height-adjustable headrests - front	■	■
Height-adjustable headrests - rear	■	■
60/40 split fold-down rear seatback w/ fold-flat remote operation	■	■
Windows		
Power windows with driver-side one-touch down feature	■	■
Power window cancel switch - driver-side	■	■
Power sliding-glass moonroof with interior sunshade	P	P

INTERIOR FEATURES

Trim Levels

	<i>i</i> Sport	<i>s</i> Sport
Audio/Entertainment Systems		
AM/FM/CD audio system with digital clock (modular audio)	■	■
Sirius satellite-radio compatible audio system (requires additional hardware)	■	■
In-Dash 6-CD changer (modular audio)	A/P/PIO	A/P/PIO
Cassette player - in-dash full-logic auto-reverse, amber (modular audio)	A/PIO	A/PIO
MP3 Player	A	A
MiniDisc Player	A	A
6-speaker sound system - (4) speakers, (2) tweeters	■	■
BOSE 7-speaker sound system - (4) speakers, (2) tweeters, subwoofer	P	P
Roof-mounted radio antenna (mast type)	■	■
Climate Control		
CFC-free air conditioning	■	■
Pollen filter	■	■
Heater/defroster with multiple-speed fan	■	■
Mechanical HVAC controls (fan & temperature)	■	---
Fully automatic HVAC controls (fan & temperature)	---	■
Air intake control (push-button type)	■	■
Air vents - full-shut front and less full-shut center	■	■
Rear seat heater ducts	■	■
Rear window defogger	■	■
Front side-window demisters	■	■
Instrument Panel		
Center instrument panel display (clock, audio, A/C, outside temperature)	■	■
12-volt power outlets (2) - cigarette lighter and center console	■	■
Cigarette lighter	■	■
Illuminated ash tray	■	■
Instrument cluster dimmer cancel button (only w/ Electroluminescent gauges)	P	P
Gauge illumination dimming control	■	■
Gauges & Warning Lights		
Tachometer	■	■
Speedometer	■	■
Odometer with resettable trip odometers (2)	■	■
Engine coolant temperature gauge	■	■
Warning lights: parking brake, high-beam, check engine, oil pressure, battery charge, defrost-on, seatbelts, airbags, O/D off (A/T only), door ajar, low fuel	■	■
Black gauges with white lettering and red nighttime illumination	■	■
Electroluminescent gauges with red nighttime illumination	P	P
Comfort & Convenience		
Power door locks with 2-stage unlocking - driver and passenger-side switches	■	■
Centralized door locking feature - driver-side & front passenger operation	■	■
Electronic Lockout Protection	■	■
Center console armrest with covered dual storage compartments	■	■
Rear seat center armrest with cupholders (2)	■	■
Front cup holders with lid (2)	■	■
Remote keyless illuminated entry system	■	■
Remote fuel-door release	■	■
Remote hood release	■	■
Cruise control with steering wheel-mounted controls	■	■
Steering wheel-mounted audio controls	■	■
Compass/Auto Dimming Mirror	A/PIO	A/PIO
Compass/Auto Dimming Mirror with Homelink	A/PIO	A/PIO
Automatic headlight shutoff w/ delay	■	■
Headlights-on warning chime	■	■
Key-in-ignition warning chime	■	■

INTERIOR FEATURES

Trim Levels

	<i>i Sport</i>	<i>s Sport</i>
Day/night rearview mirror	■	■
Cloth-covered sun visors	■	■
Illuminated driver-side covered visor vanity mirror with ticket holder	■	■
Illuminated passenger-side covered visor vanity mirror	■	■
Front door storage pockets with bottle holders	■	■
Front seatback storage pockets - driver and passenger	■	■
Driver-side footrest	■	■
Passenger assist grips with dampers (3)	■	■
Coat hooks (2)	■	■
Cargo area hooks - (4)	■	■
Cargo area side pockets (2)	■	■
Cargo area cover - rigid-type (removable)	■	■
Coin holder with mat and lid - driver side	■	■
Center dash panel storage compartment with mat and lid	■	■
Overhead sunglasses holder with mat - hinged-type	■	■
Illuminated glove compartment with lock	■	■
Cargo Net	A/PIO	A/PIO
Cargo Tray and Organizer	A/PIO	A/PIO
Cargo Tray	A/PIO	A/PIO
Lighting		
Front and rear overhead dual map lights	■	■
Cargo area light (with on/off switch)	■	■
Power window switch illumination - driver-side window	■	■
Illuminated center instrument panel controls (red) - audio, A/C	■	■
Ignition key illumination	■	■
Delayed courtesy lights (front and rear map lights, front door lights)	■	■

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SAFETY & SECURITY FEATURES

Trim Levels

	<i>i Sport</i>	<i>s Sport</i>
Safety		
"Triple H" construction	■	■
5-mph bumpers	■	■
Side-impact door beams – front and rear	■	■
"Crushable" brake and accelerator pedal assembly	■	■
Rear-door catch pins	■	■
Advanced dual front air bag supplemental restraint system (SRS) - dual action inflator with crash zone, driver's seat position, and passenger weight sensors (Mazda Advanced Restraint System)	■	■
Dual front side-impact air bag (SAB) supplemental restraint system (SRS); (linked with SAC)	■	■
Dual front and rear side air curtains (SAC); (linked with SAB)	■	■
Whiplash-reducing front seat headrests	■	■
Front safety-belt pretensioners with force limiters	■	■
3-point safety belts for all seating positions (2 front; 3 rear)	■	■
Height adjustable front shoulder belt "B" pillar anchors	■	■
Child-safety rear door locks	■	■
LATCH system - rear seat child safety-seat lower anchors and upper tethers	■	■
Security		
Engine immobilizer system	■	■
Anti-theft alarm system	■	■
Alarm Shock Sensor Upgrade	A/PIO	A/PIO
Keyless remote panic button feature (key fob)	■	■

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OPTION PACKAGES

Trim Levels

	<i>i Sport</i>	<i>s Sport</i>
FACTORY-INSTALLED:		
BOSE Audio & Moonroof Package (IMC):		
<ul style="list-style-type: none"> - BOSE sound system, 200 watts: (4) speakers, 25 watts each (6.5-inch) (2) tweeter speakers (1.5-inch) Subwoofer, 100 watts (9-inch) Amplifier - In-Dash 6-Disc CD changer - Power sliding-glass moonroof with interior sunshade 	X	X
Leather Package (1LX):		
<ul style="list-style-type: none"> - Leather-trimmed seat upholstery - Heated front seats - Heated door mirrors - Electroluminescent gauges with red nighttime illumination 	X	X

INTERIOR & EXTERIOR COLORS

COLOR CODE EXTERIOR		<i>i & s</i> SPORT		
		BEIGE	GRAY	BLACK
		TWO-TONE CLOTH OR LEATHER GJ9	TWO-TONE CLOTH OR LEATHER GJ8	BLK/BLK CLOTH OR LEATHER GJ7
A4S	Volcanic Red		■	■
NN	Onyx Black	■		■
25V	Lapis Blue Metallic	■		■
26A	Glacier Silver Metallic		■	■
26X	Steel Gray Metallic		■	■
28E	Blazing Copper Metallic			■

SPECIFICATIONS

i SPORT

s SPORT

ENGINE AND ELECTRICAL

Engine Type	2.3L DOHC 16-valve 4-cylinder (Type-L3V)	3.0L DOHC 24-valve 6-cylinder (Type-AJV)
Horsepower, SAE net	160 @ 6000 rpm (155 hp for I4 AT PZEV)	220 @ 6300 rpm
Torque, SAE net	155 @ 4000 rpm (152 lb/ft for I4 AT PZEV)	192 @ 5000 rpm
Redline	---	6500 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
Fuel System	---	Multi-port electronic fuel injection
Recommended Fuel	---	Regular Unleaded
Minimum Fuel Requirement	---	87 octane rating
Valvetrain	4 valves per cylinder, mechanical lifters	4 valves per cylinder, hydraulic lifters
Engine Block	---	Aluminum alloy
Cylinder Heads	---	Aluminum alloy
Emission Control	---	3-way catalytic converter
Ignition System	---	Full transistor breakerless electronic
Alternator	12V-90AH	12V-110AH
Battery	---	GR40R
Starter	---	12V-1.4 kw.

DRIVETRAIN

Type	FWD		
Transmissions	M/T	4-speed EC Sport AT w/ overdrive	5-speed manual
	A/T		6-speed EC Sport AT w/ overdrive
Clutch Type	M/T		Single dry plate with diaphragm spring
	A/T		Torque converter with electronic lock-up
Ratios (:1)			M/T
(Overall in parenthesis)	1st	3.307	---
	2nd	1.842	---
	3rd	1.233	---
	4th	0.970	---
	5th	0.755	---
	Reverse	3.166	---
	Final Drive	4.388	---
			SPORT A/T
	1st	2.816	---
	2nd	1.553	---
	3rd	1.000	---
	4th	0.695	---
	5th	---	---
	6th	---	0.685
	Reverse	2.279	---
	Final Drive	4.416	---

CHASSIS

Body Type	5-passenger, 5-Door; Monocoque unit		
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 ABS w/ EBD)		
Front Brakes	Ventilated discs (11.1 x 1.0 inches)		
Rear Brakes	Solid discs (11.0 x 0.4 inches)		
Parking Brake	Mechanical, hand-operated on rear wheels		
Wheels	---	7.0JJ x 17 Alloy	---
Tires	---	P215/50 R17 93 V-rated all-season	---
Tire Inflation Pressure (F/R)	---	32 psi/ 32 psi	---
Temporary Spare Wheel	---	15 x 4T	---
Temporary Spare Tire	---	T115/70 R15	---
Curb Weight (Federal spec, lbs.)	M/T	3172	3395
	A/T	3223	3455
GVWR (lbs.)	4491		
GVWR - Front (lbs.)	2372		
GVWR - Rear (lbs.)	2119		

2005 MAZDA6 5-DOOR

SPECIFICATIONS



i SPORT

s SPORT

FUEL ECONOMY

EPA Mileage (City/Highway)

M/T	23/31	19/26
A/T	23/28	20/27

CAPACITIES

Crankcase (U.S. quarts)	4.9	6.0
Engine Coolant (U.S. quarts)	7.9	10.8
Fuel Tank Capacity (gallons)	18.0	
Passenger Volume (cubic feet)	95.7	
Cargo Volume (cubic feet)	22.0	
Total Volume (cubic feet)	117.7	
Cargo Volume with Seats Folded (cubic feet)	58.7	
EPA Vehicle Size Category	Mid-size	

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
Weight Distribution, % front:rear	60:40

INTERIOR DIMENSIONS

Headroom without Moonroof, front/rear (inches)	38.7/36.7
Headroom with Moonroof, front/rear (inches)	38.0/36.7
Leg Room, front/rear (inches)	42.3/36.5
Shoulder Room, front/rear (inches)	56.1/54.9
Hip Room, front/rear (inches)	54.7/54.1
Rear Knee Clearance (inches)	2.5