

# 2006 MAZDASPEED6



## Summary

2006 MAZDASPEED6	Sport	Grand Touring
MSRP starting at	\$28,555*	\$30,485*

## MECHANICAL FEATURES

2.3L DOHC 16-valve inline 4-cylinder engine with turbocharger and direct gas injection	S	S
Peak horsepower	274 @ 5500†	
Peak torque (lb-ft)	280 @ 3000	
Redline	6700	
6-speed manual transmission	S	S
All-wheel drive	S	S
Front double wishbone suspension	S	S
Rear independent E-type multi-link suspension	S	S
4-wheel disc brakes	S	S
Anti-lock Brake System (ABS) with Electronic Brakeforce Distribution (EBD)	S	S
Traction Control System (TCS)	S	S

## FUEL ECONOMY

EPA mileage, city/highway	19 / 25
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## EXTERIOR FEATURES

18-inch 15-spoke alloy wheels	S	S
MAZDASPEED unique body-color sport grille	S	S
Rear lip spoiler	S	S

## INTERIOR FEATURES

Air conditioning with pollen filter	S	S
3-spoke leather-wrapped steering wheel with cruise & audio controls	S	S
Tilt and telescopic steering column	S	S
Leather-wrapped shift knob and parking brake handle	S	S
Leather-trimmed seat upholstery	--	S
8-way power driver's seat with manually adjustable lumbar support	--	S
Advanced keyless entry & start system	--	S

Summary

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MSRP starting at	\$28,555*	\$30,485*
Power windows with 4-window auto up/down feature	S	S
Bose® 7-speaker 200-watt AM/FM/CD audio system with subwoofer and in-dash 6-disc CD changer	S	S

SAFETY & SECURITY

Dual front air bag supplemental restrain system (SRS) with crash zone, driver's seat position and passenger weight sensors‡	S	S
Front side air bags and side air curtains:	S	S
LATCH child safety-seat anchors in rear seat	S	S
Anti-theft alarm system	S	S
Remote keyless entry system with panic button feature	S	S
Valet key system	S	S

S Standard   P Package Option   O Stand-Alone Option   A Dealer Installed Accessory   -- Not Available

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.

\* MSRP includes destination charges but excludes tax, title and license fees. Destination charges may vary in Alaska and Hawaii. Actual dealer price may vary.  
† Use of gasoline lower than 93 octane can decrease performance and peak horsepower.  
‡ Always wear your safety belt and secure children in the rear seat.

Mechanical Features

2006 MAZDASPEED6	Sport	Grand Touring
ENGINE		
Turbocharged 2.3L DOHC 16-valve inline-4	S	S
Intercooler	S	S
Direct gas injection	S	S
Aluminum head and block	S	S
DRIVETRAIN		
6-speed manual overdrive transmission	S	S
Active torque-split All-wheel drive system	S	S
Rear limited-slip differential	S	S
EXHAUST		
Stainless steel exhaust system	S	S
Dual bright oval outlets	S	S
STEERING		
Rack-and-pinion	S	S
Engine-speed-sensing variable assist	S	S
FRONT SUSPENSION		
Double wishbone type with coil springs	S	S
Stabilizer bar	S	S
Double-acting twin-tube shocks	S	S
REAR SUSPENSION		
E-type multi-link with shock absorbers and coil springs	S	S
Stabilizer bar	S	S
Double-acting mono-tube shocks	S	S
BRAKES		
Power-assisted four-wheel disc brakes	S	S
Anti-lock Brake System (ABS) with Electronic Brakeforce Distribution (EBD) & Traction Control System (TCS)	S	S

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Exterior Features

2006 MAZDASPEED6	Sport	Grand Touring
EXTERIOR TRIM		
Body-color grip-type door handles	S	S
Body-color protective side moldings	S	S
Black front grille with chrome-plated trim	S	S
MAZDASPEED6 unique body-color sport grille	S	S
MAZDASPEED6 unique front & rear bumpers	S	S
MAZDASPEED6 unique side sill extensions	S	S
MAZDASPEED6 unique rear lip spoiler	S	S
Front mud guards	S	S
WHEELS		
18-inch 15-spoke alloy wheels	S	S
TIRES		
P215/45R18 93Y summer radials	S	S
Temporary spare tire	S	S
LIGHTING		
HID low beam headlights	S	S
Halogen high beam headlights	S	S
Gray-color headlight housings	S	S
Halogen fog lights	S	S
WINDOWS / MIRRORS		
Power windows with 4-window auto up/down feature	S	S
Speed sensing variable-intermittent windshield wipers	S	S
Windshield with sunshade	S	S
Dual power remote mirrors	S	--
Heated dual power remote door mirrors	--	S
Power moonroof	--	O

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Interior Features

2006 MAZDASPEED6	Sport	Grand Touring
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SEATING

5-passenger seating capacity	S	S
Cloth-trimmed seats	S	--
Leather-trimmed seats	--	S
Driver's seat with manual height adjustment	S	--
8-way power driver's seat with manually adjustable lumbar support	--	S
Heated front seats	--	S
Height adjustable front headrests	S	S
Height adjustable rear headrests	S	S

TRIM

Carpeted front and rear floor mats	S	S
Chrome-plated door handles	S	S
Silver power window switch panel	S	S
Leather-wrapped 3-spoke steering wheel with cruise and audio controls	S	S
Leather-wrapped shift knob	S	S
Leather-wrapped parking brake handle	S	S
Carbon-fiber-look instrument panel trim insert	S	S

WINDOWS

Power windows with 4-window one-touch up/down feature	S	S
Driver-side power window cancel switch	S	S
Power sliding-glass moonroof with interior sunshade	--	O

AUDIO / ENTERTAINMENT SYSTEMS

Bose <sup>®</sup> 7-speaker 200-watt sound system - 4 full-range, 2 tweeters, subwoofer	S	S
SIRIUS Satellite Radio-compatible audio system (excl. AK, HI)*	S	S
Roof-mounted radio antenna	S	S
In-dash 6-CD changer	S	S
In-dash, full-logic, auto-reverse cassette player	O / A	O / A
MP3 player	A	A
MiniDisc player	A	A
Navigation system	O	O

Interior Features

2006 MAZDASPEED6	Sport	Grand Touring
CLIMATE CONTROL		
Air conditioning	S	S
Pollen filter	S	S
Automatic climate control	S	S
Rear seat heater ducts	S	S
Rear window defogger	S	S
Front side-window demisters	S	S
INSTRUMENT PANEL		
Center instrument panel display (clock, audio, HVAC, outside ambient temp.)	S	S
Cigarette lighter and Illuminated ash tray	S	S
12-volt power outlet in center armrest	S	S
Gauge illumination dimming control	S	S
GAUGES & WARNING LIGHTS		
Gauges: tachometer, speedometer, fuel, engine coolant temperature	S	S
Odometer with dual resettable trip odometers	S	S
Warning lights: parking brake, high-beam, check engine, oil pressure, battery charge, defrost-on, seatbelts, airbags, door ajar, low fuel	S	S
Electroluminescent gauges with red nighttime illumination	S	S
COMFORT & CONVENIENCE		
Tilt and telescopic steering wheel	S	S
Illuminated steering wheel-mounted audio controls	S	S
Cruise control with illuminated steering wheel-mounted controls	S	S
Remote keyless illuminated entry system with retractable key	S	S
Advanced Keyless Entry and Start System	--	S
Power door locks with 2-stage unlocking - driver and passenger-side switches	S	S
Driver and passenger side centralized door locking switches	S	S
Electronic lockout protection	S	S
Center console armrest with covered dual storage compartments	S	S
Rear seat center armrest with two cupholders	S	S
Two front cup holders with lid	S	S
Remote hood and fuel-door releases	S	S

Interior Features

2006 MAZDASPEED6	Sport	Grand Touring
Automatic headlight shutoff w/ delay	S	S
Dual illuminated covered visor vanity mirrors	S	S
Driver-side visor with ticket holder	S	S
Front door storage pockets with bottle holders	S	S
Driver's side front seatback storage pocket	S	S
Driver-side footrest	S	S
Three passenger assist grips with dampened movement	S	S
Two coat hooks	S	S
Two cargo side pockets	S	S
Illuminated glove compartment with lock	S	S
Dampened four-link trunk hinge design	S	S

LIGHTING

Front and rear overhead dual map lights	S	S
Cargo area light	S	S
Illuminated power window switches	S	S
Ignition key illumination	S	S
Delayed courtesy lights (front and rear map lights, front door lights)	S	S

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\* SIRIUS satellite radio requires purchase of additional hardware and a monthly subscription.

Safety & Security

2006 MAZDASPEED6	Sport	Grand Touring
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SAFETY

Dual front air bag supplemental restraint system (SRS) - with crash zone and driver's seat position sensors (Mazda Advanced Restraint System - "MARS")*	S	S
Dual front side-impact air bag (SAB) supplemental restraint system (SRS)	S	S
Front and rear side air curtains:	S	S
Whiplash-reducing front seat headrests	S	S
Front safety-belt pretensioners with force limiters	S	S
3-point safety belts for all seating positions	S	S
Height adjustable front shoulder belt "B" pillar anchors	S	S
Child-safety rear door locks	S	S
LATCH system - rear seat child safety-seat lower anchors and upper tethers	S	S
Trunk entrapment release system	S	S
"Triple H" construction	S	S
Front and rear side-impact door beams	S	S
"Crushable" brake and accelerator pedal assembly	S	S
Rear-door catch pins	S	S

SECURITY

Engine immobilizer system	S	S
Anti-theft alarm system	S	S
Keyless remote panic button feature on key fob	S	S
Valet key system	S	S

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Options & Accessories

2006 MAZDASPEED6	Sport	Grand Touring
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OPTIONS & ACCESSORIES

Power sliding-glass moonroof with interior sunshade	--	O
Navigation system	O	O
Bright chrome aluminum fuel-filler door	O / A	O / A
Pearl satin aluminum fuel-filler door	O / A	O / A
Cargo net	O / A	O / A
Compass/auto dimming mirror	O / A	O / A
Moonroof wind deflector	O / A	O / A
All-weather floor mats	O / A	O / A
Wheel locks (set of 4)	O / A	O / A
Alarm shock sensor upgrade	O / A	O / A
SIRIUS Satellite Radio w/ 6 month subscription (excl. AK, HI)	O / A	O / A
Cassette player	A	A
MP3 player	A	A
Touch-up paint - exterior color	A	A
Car cover	A	A
Car cover cable lock	A	A
Front mask	A	A
First aid kit	A	A
Roadside assistance kit	A	A
Windshield sunscreen	A	A
18" Forged Aluminum Wheel	A	A

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Specifications

2006 MAZDASPEED6	All Models
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ENGINE AND ELECTRICAL

Engine type	2.3L DOHC 16-valve Inline-4 with turbo
Horsepower (SAE net)	274 @ 5500 rpm*
Torque, (lb-ft, SAE net)	280 @ 3000 rpm
Redline	6700 rpm
Displacement (cubic inches)	137.9
Bore x stroke (inches)	3.44 x 3.70
Compression ratio	9.5:1
Fuel system	Direct injection
Recommended fuel	93 octane*
Minimum fuel requirement	Premium*
Valvetrain	4 valves per cylinder, mechanical lifters
Engine block	Aluminum alloy
Cylinder heads	Aluminum alloy
Emission control	3-way catalytic converter
Ignition system	Full transistor breakerless electronic
Alternator	12V-110AH
Battery	55D23L
Starter	12V-1.4kw

DRIVETRAIN

Type	All-Wheel Drive (AWD)
Transmissions	6-speed manual
Clutch type	Single dry plate with diaphragm spring
Transmission ratios (:1)	1st3.538
	2nd2.238
	3rd1.535
	4th1.171
	5th1.085
	6th0.853
	Reverse3.831
Final Drive	1st - 4th3.941
	5th, 6th, Rev.3.350

Specifications

2006 MAZDASPEED6	All Models
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CHASSIS

Body type	5-passenger, monocoque unit 4-door sedan		
Front suspension	Independent, high-mount double wishbones, coil springs, and stabilizer bar		
Rear suspension	Independent, E-type multi-link, coil springs, and stabilizer bar		
Shock absorbers	Front	Cylindrical, double-acting, twin tube	
	Rear	Cylindrical, double-acting, mono tube	
Steering type	Rack-and-pinion		
Power assist	Engine-rpm sensitive; variable power-assist		
Overall steering ratio	16.1:1		
Steering wheel turns-to-Lock	2.6		
Turning circle, curb-to-curb (feet)	36.8		
Braking system	Power assist; 4-wheel, 4-sensor, 3-channel Anti-Lock Brake System with Electronic Brakeforce Distribution		
Brake discs	Front	Ventilated discs (12.6 x 1.0 inches)	
	Rear	Solid discs (12.4 x 0.4 inches)	
Parking brake	Mechanical, hand-operated on rear wheels		
Tires	P215/45R18 93Y summer radials		
Tire Inflation Pressure (front/rear)	37.7 psi		
Wheels	7.0JJ x 18		
Temporary Spare Tire	T145/70D17		
Temporary Spare Wheel	17 x 4T		

FUEL ECONOMY

EPA Mileage (City/Highway)	19 / 25
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CAPACITIES

Crankcase (U.S. quarts)	6.8
Engine coolant (U.S. quarts)	8.5
Fuel tank capacity (gallons)	15.9

EXTERIOR DIMENSIONS (inches)

Wheelbase	105.3
Track: (front & rear)	60.6

Specifications

2006 MAZDASPEED6			All Models
Length			186.8
Width			70.1
Height			56.3
Minimum ground clearance, laden			4.86
Weight distribution, % front:rear			60:40
Curb weight (Federal spec, lbs.)	M/T		3589
GVWR (lbs.)	Total		4552
	Front		2449
	Rear		2103

INTERIOR DIMENSIONS

EPA Passenger Volume (cu ft)			96.1
EPA Total Volume (cu ft)			108.6
EPA Vehicle Size Category			Compact car
Headroom (inches)	Front		38.7
	Front with moonroof		38.0
	Rear		37.1
Leg room (inches)	Front		42.3
	Rear		36.5
Shoulder room (inches)	Front		56.1
	Rear		54.9
Hip room (inches)	Front		54.7
	Rear		54.1
Rear knee clearance			2.4

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\* This vehicle is designed to use 93 octane (AKI) or higher gasoline for best performance. If 93 octane (AKI) is not available, 91 or 92 octane (AKI) gasoline can be used. In case 91 or 92 octane (AKI) is not available, gasoline as low as 87 octane (AKI) can be used temporarily for emergency purposes. Use of gasoline lower than 93 octane (AKI) can decrease performance during its use.