



# 2009 MAZDA6 SPECS

i SV

i Sport

i Touring

i Grand Touring

s Sport

s Touring

s Grand Touring

## ENGINE & TRANSMISSION

ENGINE	2.5L DOHC 16-valve 4-cylinder with variable valve timing (VVT) 170 hp @ 6000 rpm (168 hp @ 6000 rpm for I4 PZEV) 167 lb-ft @ 4000 rpm (166 lb-ft @ 4000 rpm for I4 PZEV)				3.7L DOHC 24-valve 6-cylinder with VVT 272 hp @ 6250 rpm 269 lb-ft @ 4250 rpm		
6-speed manual transmission	S	S	S	S	—	—	—
5-speed Sport automatic transmission with manual-shift mode	—	O	O	O	—	—	—
6-speed Sport automatic transmission with manual-shift mode	—	—	—	—	S	S	S

## FUEL ECONOMY

Mileage City/Highway (mpg)* - manual transmission	20/29	—
Mileage City/Highway (mpg)* - automatic transmission	21/30	17/25

\* EPA-estimated mileage. Actual results may vary.

## SUSPENSION & CHASSIS

Anti-lock Brake System (ABS) with Electronic Brakeforce Distribution (EBD) and power assisted ventilated front/solid rear disc brakes	S	S	S	S	S	S	S
Dynamic Stability Control (DSC) and Traction Control System (TCS)*	S	S	S	S	S	S	S
Independent double wishbone front suspension and E-type multilink rear suspension	S	S	S	S	S	S	S



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## SUSPENSION & CHASSIS (cont)

Power-assisted steering with speed-sensing variable assist

S

S

S

S

S

S

S

\* Dynamic Stability Control (DSC) is an electronic system to help the driver maintain control under adverse conditions. It is not a substitute for safe driving practices. Factors including speed, road conditions and driver steering input can all affect whether DSC will be effective in preventing loss of control. Please see your Owner's Manual for further details.

## EXTERIOR FEATURES

Fog lights

—

—

S

S

—

S

S

Halogen headlights

S

S

S

—

S

S

—

Xenon lights with auto on/off

—

—

O

S

—

O

S

Dual power remote mirrors

S

S

S

—

S

S

—

Dual power remote heated mirrors

—

—

—

S

—

—

S

Variable-intermittent windshield wipers

S

S

S

S

S

S

S

Rain-sensing windshield wipers

—

—

O

S

—

O

S

## COMFORT & CONVENIENCE

Air conditioning with pollen filter

S

S

S

—

S

S

—

Dual-zone automatic climate control

—

—

O

S

—

O

S

Day/night manual leveling rearview mirror

S

S

S

—

S

S

—

Auto-dimming inside mirror with HomeLink® System

—

—

—

S

—

—

S

Auto-dimming outside mirrors

—

—

—

S

—

—

S



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## COMFORT & CONVENIENCE (cont)

Cruise control with steering-wheel-mounted controls	—	S	S	S	S	S	S
Steering-wheel-mounted audio controls	—	S	S	S	S	S	S
Push-button ignition start	—	—	S	S	—	S	S
Welcome lighting system; (ground illumination & interior lighting)	—	—	O	S	—	O	S
Mazda Advanced Keyless Entry System	—	—	S	S	—	S	S
Power moonroof with interior sunshade	—	—	O	O	—	O	O
Bluetooth® hands-free phone and audio*	—	—	O	S	—	O	S
DVD navigation system, 7" display, touch screen, voice-activated	—	—	—	O	—	—	O

## SEATING & TRIM

8-way power driver's seat w/ manual adj. lumbar support	—	—	S	S	—	S	S
Driver's seat memory	—	—	—	S	—	—	S
Power passenger seat	—	—	—	S	—	—	S
Cloth seats	S	S	S	—	S	S	—
Cloth and leather-trimmed seats	—	—	O	—	—	O	—
Leather-trimmed seating with heated driver and passenger seats	—	—	—	S	—	—	S



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### SEATING & TRIM (cont)

60/40 split fold-down rear seatback with remote operation	S	S	S	S	S	S	S
---	---	---	---	---	---	---	---

### AUDIO SYSTEM

Auxiliary-audio input jack	—	S	S	S	S	S	S
AM/FM/CD MP3 compatible 6-speaker sound system	S	S	S	S	S	S	S
Bose® Premium Centerpoint® Surround System 10 speaker with amplified subwoofer	—	—	O	O	—	O	O
In-dash 6-disc CD/MP3 changer	—	—	O	O	—	O	O
Bluetooth® hands-free phone and audio*	—	—	O	S	—	O	S
SIRIUS Satellite Radio†	—	—	O	O	—	O	O

\* The Bluetooth® system functions only with select manufactured devices. Please consult [www.MazdaUSA.com/bluetooth](http://www.MazdaUSA.com/bluetooth) for device compatibility.

† SIRIUS Satellite Radio-compatible audio system requires additional dealer-installed hardware and subscription.

### SAFETY & SECURITY

Blind Spot Monitoring (BSM) System*	—	—	O	S	—	O	S
Antitheft alarm system	—	—	S	S	—	S	S
Advanced dual front air bags, side-impact air curtains, front-seat mounted side-impact air bags	S	S	S	S	S	S	S
Tire-Pressure Monitoring System (TPMS)	S	S	S	S	S	S	S

\* Always check your mirrors. Be aware of traffic around you.



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## ENGINE & MECHANICAL

### ENGINE

Engine type	2.5L DOHC 16-valve 4-cylinder with variable valve timing (VVT)	3.7L DOHC 24-valve 6-cylinder with VVT
Horsepower, SAE net	170 hp @ 6000 rpm (168 @ 6000 rpm for I4 PZEV)	272 hp @ 6250 rpm
Torque, SAE net (lb/ft)	167 lb-ft @ 4000 rpm (166 lb-ft @ 4000 rpm for I4 PZEV)	269 lb-ft @ 4250 rpm
Displacement (cubic inches)	151.9	227.4
Bore x Stroke (mm)	89 x 100	95.5 x 86.7
Compression ratio	9.7 : 1	10.3 : 1
Valvetrain		4-valves per cylinder, hydraulic lifters
Redline	6,200 rpm	6,500 rpm
Engine Block		Aluminum alloy
Cylinder heads		Aluminum alloy

### FUEL SYSTEM

Fuel injection	Multi-port electronic fuel injection	
Recommended fuel	Regular unleaded 87 octane	
Emission control (CAL = CA, CT, MA, ME, NJ, NY, OR, RI, PA, VT, WA)	Manual = LEV-2 LEV Automatic = LEV-2 SULEV (PZEV*)	— LEV-2 ULEV

\* Partial Zero Emission Vehicle (PZEV) Includes: a) SULEV emission level for 150,000 miles; b) zero evaporative emissions; c) emission warranty for 150,000 miles or 15 years.

### FUEL ECONOMY

Mileage, City/Highway (mpg)* - manual transmission	20/29	—
Mileage, City/Highway (mpg)* - automatic transmission	21/30	17/25

\* EPA-estimated mileage. Actual results may vary.



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## DRIVETRAIN

Type	Front-Wheel Drive (FWD)		
Transmissions, manual	6-speed manual		—
Transmissions, automatic	5-speed Sport AT w/ overdrive		6-speed Sport AT w/ overdrive

## CHASSIS

Front suspension	Independent, high-mount double wishbone, coil springs, and stabilizer bar		
Rear suspension	Independent, E-type multilink, coil springs, and stabilizer bar		
Steering type	Rack-and-pinion		
Power assist	Engine speed-sensing variable assist		
Overall steering ratio	16.2 : 1		
Steering wheel turns-to-lock	2.93		
Turning circle, curb-to-curb (feet)	35.4		
Braking system	Power assist; 4-wheel, 4-sensor, 4-channel Anti-lock Brake System with Electronic Brakeforce Distribution		
Front brakes	Ventilated discs		
Rear brakes	Solid discs		
Parking brake	Mechanical, hand-operated on rear wheels		

## TIRES & WHEELS

Tires	P205/65R16 H-rated all-season	P215/55R17 V-rated all season	P235/45R18 W-rated all season
Wheels	16" steel wheels w/ covers	17" aluminum alloy	18" aluminum alloy
Temporary spare tire & wheel	16 x 4T		



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### WEIGHTS

Weight distribution, % front: rear	60/40					
Curb weight, federal spec (lbs.) - M/T	3,258			—		
Curb weight, federal spec (lbs.) - A/T	3,309			3,547		
Gross Vehicle Weight Rating (GVWR) lbs. manual transmission	4,340			—		
Gross Vehicle Weight Rating (GVWR) - front (lbs.) automatic transmission	4,400			4,590		

### CAPACITIES

Oil (U.S. quarts)	4.7			4.9		
Engine coolant (U.S. quarts)	8.9			9.3		
Fuel tank (gallons)	18.5					

### EXTERIOR FEATURES

#### BODY

Body-color sport-type front grille	S	S	S	S	S	S	S
Body-color sport-type bumpers, door handles and side moldings	S	S	S	S	S	S	S
Fog lights	—	—	S	S	—	S	S



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## BODY (cont)

Halogen headlights	S	S	S	—	S	S	—
Xenon headlights with auto on/off	—	—	O	S	—	O	S
Dual power remote mirrors	S	S	S	—	S	S	—
Dual power remote heated mirrors	—	—	—	S	—	—	S
Auto-dimming outside mirrors	—	—	—	S	—	—	S
Blind Spot Monitoring (BSM) System* w/ mirror warning indicator lights	—	—	O	S	—	O	S
Mazda Advanced Keyless Entry System	—	—	S	S	—	S	S
Push-button ignition start	—	—	S	S	—	S	S
Power moonroof with interior sunshade	—	—	O	O	—	O	O
Windshield, green-tinted glass with sunshade	S	S	S	S	S	S	S
Variable-intermittent windshield wipers	S	S	S	S	S	S	S
Rain-sensing windshield wipers	—	—	O	S	—	O	S
In-glass rear window antenna	S	S	S	S	S	S	S
Rear sport-type combination taillights	S	S	S	—	S	S	—
Rear LED combination taillights	—	—	—	S	—	—	S





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### BODY (cont)

Twin-tip exhaust outlet	S	S	S	S	—	—	—
Dual exhaust with chrome finishers	—	—	—	—	S	S	S

\* Always check your mirrors. Be aware of traffic around you.

### TIRES & WHEELS

Tire size	P205 / 66 R16	P215 / 55 R17	P235 / 45 R18
Wheels, size / type	16" / Steel	17" / Alloy	18" / Alloy

### EXTERIOR DIMENSIONS

Wheelbase (inches)	109.8
Track, front (inches)	62.8 (16" & 17") / 62.4 (18")
Track, rear (inches)	62.8 (16" & 17") / 62.4 (18")
Length (inches)	193.7
Width (inches)	72.4
Height (inches)	57.9

### INTERIOR

#### COMFORT & CONVENIENCE

12V power outlets - two	S	S	S	S	S	S	S
Air conditioning with pollen filter	S	S	S	—	S	S	—
Dual-zone automatic climate control	—	—	O	S	—	O	S
Rear window	S	S	S	S	S	S	S



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## COMFORT & CONVENIENCE (cont)

Manual leveling day/night rearview mirror	S	S	S	—	S	S	—
Auto-dimming inside mirror with HomeLink® system	—	—	—	S	—	—	S
Auto-dimming outside mirrors	—	—	—	S	—	—	S
Ignition switch illumination	S	S	S	S	S	S	S
Push-button ignition start	—	—	S	S	—	S	S
Instrument panel center display (clock, audio, A/C, outside temp)	S	S	S	S	S	S	S
Remote keyless illuminated entry with trunk lid release	—	S	S	S	S	S	S
Mazda Advanced Keyless Entry System	—	—	S	S	—	S	S
Power door locks	S	S	S	S	S	S	S
Carpeted floor mats & cargo mat	S	S	S	S	S	S	S
Power moonroof with interior sunshade	—	—	O	O	—	O	O
Leather-wrapped shift knob	—	—	S	S	—	S	S



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## COMFORT & CONVENIENCE (cont)

Leather-wrapped steering wheel	—	—	S	S	—	S	S
Tilt & telescopic steering wheel	S	S	S	S	S	S	S
Steering-wheel-mounted audio controls	S	S	S	S	S	S	S
Cruise control with steering-wheel-mounted controls	—	S	S	S	S	S	S
Trip computer, illustrates miles per gallon, average MPG, average speed and range to empty	—	—	S	S	—	S	S
Welcome lighting system, (ground illumination & interior lighting)	—	—	O	S	—	O	S
Key-activated remote down windows (front only)	—	S	S	S	S	S	S
Power windows with driver/passenger one-touch-open/close feature	S	S	S	S	S	S	S

## STORAGE

Illuminated and lockable glove compartment	S	S	S	S	S	S	S
Oversized overhead sunglasses holder	S	S	S	S	S	S	S
Center console armrest with covered dual storage compartments	S	S	—	—	S	—	—
Sliding center console armrest with covered dual storage compartments	—	—	S	S	—	S	S



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## STORAGE (cont)

Front door storage pockets with bottle holders	S	S	S	S	S	S	S
Cup holders, (2) front & (2) rear (in armrest)	S	S	S	S	S	S	S
Front seatback storage pockets	S	S	S	S	S	S	S

## SEATING & TRIM

60/40 split fold-down rear seatback with remote operation	S	S	S	S	S	S	S
Cloth door trim	S	S	S	—	S	S	—
Synthetic leather door trim	—	—	O	S	—	O	S
Reclining front bucket seats	S	S	S	S	S	S	S
Driver's seat with manual height adjustment	S	S	—	—	S	—	—
Driver's seat memory	—	—	—	S	—	—	S
8-way power driver's seat w/ manual adj. lumbar support	—	—	S	S	—	S	S
Power passenger seat	—	—	—	S	—	—	S
Heated front seats	—	—	—	S	—	—	S
Front height-adj. headrests	S	S	S	S	S	S	S
Rear headrests	S	S	S	S	S	S	S
Cloth seats	S	S	S	—	S	S	—



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### SEATING & TRIM (cont)

Cloth and leather-trimmed seats	—	—	O	—	—	O	—
Leather-trimmed seats	—	—	—	S	—	—	S
Black scuff plates	S	S	S	S	S	S	S

### AUDIO SYSTEM

Auxiliary-audio input jack	—	S	S	S	S	S	S
AM/FM/CD MP3 compatible 6-speaker sound system	S	S	S	S	S	S	S
SIRIUS Satellite Radio-compatible audio system*	S	S	S	S	S	S	S
Bose® Centerpoint® Surround Sound 10-Speaker with amplified subwoofer	—	—	O	O	—	O	O
In-dash 6-disc CD/MP3 changer	—	—	O	O	—	O	O
Bluetooth® hands-free phone and audio†	—	—	O	S	—	O	S
SIRIUS Satellite Radio*	—	—	O	O	—	O	O
DVD navigation system, 7" display, touch screen, voice-activated	—	—	—	O	—	—	O

\* SIRIUS Satellite Radio-compatible audio system requires additional dealer-installed hardware and subscription.

† The Bluetooth® system functions only with select manufactured devices. Please consult [www.MazdaUSA.com/bluetooth](http://www.MazdaUSA.com/bluetooth) for device compatibility.



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### INSTRUMENTATION

Black with white lettering & red nighttime illumination gauges	S	S	—	—	S	—	—
Electroluminescent gauges with red nighttime illumination	—	—	S	S	—	S	S
Tachometer	S	S	S	S	S	S	S

### INTERIOR DIMENSIONS

Headroom without moonroof, front/rear (inches)	39.4 / 37.3
Headroom with moonroof, front/rear (inches)	38.1 / 37.3
Shoulder room, front/rear (inches)	57.3 / 56.5
Leg room, front/rear (inches)	42.5 / 38.0
Hip room, front/rear (inches)	55.1 / 55.9
Rear knee clearance (inches)	3.3

### CAPACITIES

Passenger volume (cubic feet)	101.9
Cargo volume (cubic feet)	16.6



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## CAPACITIES (cont)

Total volume 118.5

## SAFETY & SECURITY

### SAFETY & SECURITY

Blind Spot Monitoring (BSM) System*	—	—	O	S	—	O	S
Tire-Pressure Monitoring System (TPMS)	S	S	S	S	S	S	S
Antitheft alarm system	—	—	S	S	—	S	S
Engine immobilizer antitheft system	S	S	S	S	S	S	S
Crushable brake and accelerator pedal assembly	S	S	S	S	S	S	S
Advanced dual front air bag supplemental restraint system (SRS)	S	S	S	S	S	S	S
Side air curtains, front & rear coverage	S	S	S	S	S	S	S
Side-impact air bags, front coverage	S	S	S	S	S	S	S
Side-impact door beams, front & rear	S	S	S	S	S	S	S
3-point seat belts - all seating positions†	S	S	S	S	S	S	S
Front seat-belt pretensioners with force limiters	S	S	S	S	S	S	S
Child safety rear door locks	S	S	S	S	S	S	S



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### SAFETY & SECURITY (cont)

LATCH child-safety-seat anchors	S	S	S	S	S	S	S
Whiplash reducing front seat headrests	S	S	S	S	S	S	S
Rear seat headrests	S	S	S	S	S	S	S
Triple H body construction	S	S	S	S	S	S	S
Trunk entrapment release system	S	S	S	S	S	S	S
Anti-lock Brake System (ABS), Electronic Brakeforce Distribution (EBD), Traction Control System (TCS) and Dynamic Stability Control (DSC) ‡	S	S	S	S	S	S	S

\* Always check your mirrors. Be aware of the traffic around you. † Always wear your seat belt and secure children in the rear seat.

‡ Dynamic Stability Control (DSC) is an electronic system to help the driver maintain control under adverse conditions. It is not a substitute for safe driving practices. Factors including speed, road conditions and driver steering input can all affect whether DSC will be effective in preventing loss of control. Please see your Owner's Manual for further details.

### PACKAGES & OPTIONS

Moonroof & Bose® Pkg	—	—	O	O	—	O	O
Convenience Pkg	—	—	O	—	—	O	—
Navigation system	—	—	—	O	—	—	O
5-speed Sport automatic transmission	—	O	O	O	—	—	—
CAL emissions - CA/CT/MA/ME/NJ/NY/OR/PA/RI/VT/WA	O	O	O	O	O	O	O

Moonroof & Bose® Pkg: Bose® Premium Centerpoint® Surround Sound System 10-speaker with amplified subwoofer, 6-CD/MP3 changer, power moonroof w/ one-touch open/close, sunshade and SIRIUS Satellite Radio

Convenience Pkg: Dual-zone auto A/C, Bluetooth® hands-free phone & audio, Xenon headlights, cloth and leather trimmed seats, welcome lighting system, Blind Spot Monitoring (BSM) System, auto on/off headlights and rain-sensing windshield wipers

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.