

2011 MAZDA6

Engine & Mechanical



S Standard
 P Package
 O Option
 R Accessory
 -- Not Available



MAZDA6 at a Glance:



ENGINE and DRIVETRAIN CHOICES

- 170-hp (168 hp for PZEV)[†], 2.5L engine with a choice of 6-speed manual or 5-speed Sport automatic transmission (i trim)
- 272-hp, 3.7L V6 engine with 6-speed Sport automatic transmission (s trim)



FUEL EFFICIENCY

- 21/30 mpg (2.5L MT)[‡]
- 22/31 mpg (2.5L AT)[‡]
- 18/27 mpg (3.7L AT)[‡]



AVAILABLE FEATURES

Available dual-zone automatic climate control, heated front seats, Bose® audio, Bluetooth® hands-free phone and audio capability**, Mazda Advanced Keyless Entry & Start System, back-up camera^{††}, and navigation system with 7-inch touch screen



SAFETY FEATURES

Standard safety features include advanced front air bags, front side-impact air bags, side-impact air curtains^{‡‡}, Dynamic Stability Control (DSC)^{***} and available Blind Spot Monitoring (BSM) System^{†††}

2011 MAZDA6	i Sport	i Touring	i Touring Plus	i Grand Touring	s Touring Plus	s Grand Touring
Engine						
Engine type	2.5-liter DOHC 16-valve 4-cylinder with VVT				3.7-liter DOHC 24-valve V6 with VVT	
Horsepower	170 hp @ 6000 rpm (168 hp for PZEV)†				272 hp @ 6250 rpm	
Torque	167 lb-ft @ 4000 rpm (166 lb-ft for PZEV)†				269 lb-ft @ 4250 rpm	
Redline	6200 rpm				6500 rpm	
Displacement (cc)	2489				3726	
Bore x stroke (mm)	89.0 x 100.0				95.5 x 86.7	
Compression ratio	9.7:1				10.3:1	
Fuel system	Electronically controlled multiport fuel injection					
Recommended fuel	Regular unleaded					
Valvetrain	Chain driven dual overhead cams, 4 valves per cylinder with variable intake valve timing (VVT)					
Ignition system	Direct coil-on-plug electronic ignition with platinum-tipped spark plugs					
Engine block	Aluminum alloy					
Cylinder head	Aluminum alloy					
Emission control type (Fed/Cal)	Tier2 Bin5 / LEV II (manual) PZEV (automatic)				Tier2 Bin5 / ULEV	
Fuel Economy						
Manual transmission (city/hwy)‡	21/30	--				
Automatic transmission (city/hwy)‡	22/31				18/27	
Drivetrain						
Type	Front-wheel drive (FWD)					

Manual transmission	6-speed overdrive	--	
Automatic transmission	5-speed Sport with Adaptive Shift Logic and manual-shift mode		6-speed Sport with Adaptive Shift Logic and manual-shift mode
Chassis			
Brakes	4-wheel disc		
- Front	11.8-inch vented disc		
- Rear	11.0-inch solid disc		
- ABS	4-wheel, 4-channel with Electronic Brakeforce Distribution (EBD) and Brake Assist		
Steering type	Rack-and-pinion		
Power assist	Hydraulic Power Assist Steering (HPAS)		
Overall steering ratio	16.2:1		
Steering wheel turns, lock-to-lock	2.9		
Turning circle, curb-to-curb (ft)	35.4		
Suspension	4-wheel independent		
- Front	MacPherson strut with stabilizer bar		
- Rear	Multilink with stabilizer bar		
Wheel size (in)	16 x 6.5	17 x 7.0	18 x 8.0
Tire size	P205/65R16 all-season radial	P215/55R17 all-season radial	P235/45R18 all-season radial
Weights & Capacities			
Curb weight (lbs)			
- Manual transmission	3272	--	--
- Automatic transmission	3329		3574
Fuel capacity (gallons)	18.5		

Exterior

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2011 MAZDA6	i Sport	i Touring	i Touring Plus	i Grand Touring	s Touring Plus	s Grand Touring
Body						
Halogen headlights	S	S	S	S	S	S
Xenon High-Intensity-Discharge (HID) low-beam headlights with auto on/off	---	---	---	O	---	O
Auto-off headlights	S	S	S	S	S	S
Halogen fog lights	---	S	S	S	S	S
Variable-intermittent windshield wipers	S	S	S	S	S	S
Rain-sensing windshield wipers	---	---	---	O	---	O
Power sliding-glass moonroof with one-touch-open feature and interior sunshade	---	---	S	S	S	S
Dual power side mirrors	S	S	---	---	---	---
Dual power side mirrors with side marker turn-signal lights	---	---	S	S	S	S
Heated side mirrors with auto-dimming driver's side	---	---	---	O	---	O
Under mirror ground illumination	---	---	S	S	S	S
Body-color door handles	S	S	S	S	S	S
In-glass antenna	S	S	S	S	S	S
LED taillights	---	---	---	O	---	O
Single exhaust with dual chrome tips	S	S	S	S	---	---
Dual exhaust outlets with chrome tips	---	---	---	---	S	S
Wheels & Tires						
16-inch steel with full wheel covers	S	---	---	---	---	---
17-inch aluminum-alloy wheels	---	S	S	S	S	---
18-inch aluminum-alloy wheels	---	---	---	---	---	S
P205/65R16 all-season radial tires	S	---	---	---	---	---
P215/55R17 all-season radial tires	---	S	S	S	S	---
P235/45R18 all-season radial tires	---	---	---	---	---	S
Temporary spare tire	S	S	S	S	S	S
Exterior Dimensions						
Wheelbase (in)	109.8					
Track, front (in)	62.8					62.4
Track, rear (in)	62.8					62.4
Length (in)	193.7					
Width (in)	72.4					
Height (in)	57.9					
Minimum ground clearance (in) - (laden)	5.1					

Interior

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2011 MAZDA6	i Sport	i Touring	i Touring Plus	i Grand Touring	s Touring Plus	s Grand Touring
Comfort and Convenience						
Air conditioning with pollen filter	S	S	S	---	S	---
Dual-zone automatic climate control with pollen filter	---	---	---	S	---	S
Power windows with driver's one-touch-down/up feature	S	S	S	S	S	S
Power door locks with 2-stage unlocking	S	S	S	S	S	S
Cruise control with steering-wheel-mounted controls	S	S	S	S	S	S
Bluetooth® hands-free phone and audio capability**	---	S	S	S	S	S
Back-up camera††	---	---	---	S	---	S
Remote keyless entry with retractable key	S	S	S	S	S	S
Mazda Advanced Keyless Entry & Start System with push-button start	---	---	---	O	---	O
Auto-dimming rearview mirror with HomeLink®	---	---	---	O	---	O
Welcome lighting system	---	---	---	S	---	S
Illuminated visor vanity mirrors	S	S	S	S	S	S
Tilt & telescopic steering wheel	S	S	S	S	S	S
Height-adjustable front shoulder-belt anchors	S	S	S	S	S	S
12-volt power outlets (2)	S	S	S	S	S	S
Rear window defogger with timer	S	S	S	S	S	S
Storage						
Lockable glove compartment	S	S	S	S	S	S
Overhead sunglasses holder	S	S	S	S	S	S
Center console with upper and lower storage compartments	S	S	S	S	S	S
Sliding center console armrest	---	S	S	S	S	S
Dual front cup holders	S	S	S	S	S	S
Front door storage pockets with bottle holders	S	S	S	S	S	S
Front seatback pockets	S	S	S	S	S	S
Rear center armrest with cup holders	S	S	S	S	S	S
Seating and Trim						
5-passenger seating	S	S	S	S	S	S
6-way manual driver's seat	S	---	---	---	---	---
8-way power driver's seat with adjustable lumbar support	---	S	S	S	S	S
4-way manual front passenger seat	S	S	S	S	S	S

4-way power front passenger seat	--	--	--	□	--	□
60/40 split fold-down rear seatback	§	§	§	§	§	§
Driver's seat memory	--	--	--	□	--	□
Heated front seats	--	--	--	§	--	§
Cloth-trimmed seats	§	§	§	--	§	--
Leather-trimmed seats	--	--	--	§	--	§
Leather-wrapped steering wheel	--	§	§	§	§	§
Leather-wrapped shift knob	--	§	§	§	§	§
Premium interior trim and silver accents	--	§	§	§	§	§
Carpet floor and trunk mats	§	§	§	§	§	§

Audio & Navigation

AM/FM/CD/MP3-compatible stereo with 6 speakers	§	--	--	--	--	--
AM/FM stereo, in-dash 6-disc CD/MP3-compatible changer with 6 speakers	--	§	§	--	§	--
Bose® Centerpoint® Surround Sound System with AudioPilot® 2, AM/FM stereo, in-dash 6-disc CD/MP3-compatible changer and 10 speakers	--	--	--	§	--	§
Auxiliary-audio input jack	§	§	§	§	§	§
SIRIUS Satellite Radio with free 6-month subscription	□	□	□	□	□	□
Steering-wheel-mounted audio controls	§	§	§	§	§	§
Bluetooth® hands-free phone and audio capability**	--	§	§	§	§	§
Navigation system with real-time traffic	--	--	--	□	--	□

Instrumentation

Speedometer, tachometer, coolant and fuel gauge	§	§	§	§	§	§
Electroluminescent gauges	--	--	§	§	§	§
Dual trip odometers	§	§	§	§	§	§
Center instrument panel display (clock, air conditioning, ambient temperature & audio)	§	§	§	§	§	§
Multi-Information Display (MID) (Bluetooth®, audio & back-up camera††)	--	--	--	§	--	§
Ambient temperature display	§	§	§	§	§	§

Interior Dimensions & Capacities

Headroom, front/rear without moonroof (in)	39.4/37.3	--
Headroom, front/rear with moonroof (in)	--	38.1/37.3
Shoulder room, front/rear (in)	57.3/56.5	
Hip room, front/rear (in)	55.1/55.9	
Legroom, front/rear (in)	42.5/38.0	

EPA passenger volume (cu ft)	101.9
EPA cargo volume (cu ft)	16.6

Safety



Options & Packages

S Standard **P** Package **O** Option **A** Accessory ** Not Available

2011 MAZDA6	i Sport	i Touring	i Touring Plus	i Grand Touring	s Touring Plus	s Grand Touring
Packages and Options						
Technology Package - Xenon High-Intensity-Discharge (HID) low-beam headlights with auto on/off - Rain-sensing windshield wipers - Heated side mirrors with auto-dimming driver's side - LED rear combination lights - Mazda Advanced Keyless Entry & Start System with push-button start - Driver's seat memory - 4-way power front passenger seat - Auto-dimming rearview mirror with HomeLink® - SIRIUS Satellite Radio with free 6-month subscription	**	**	**	O	**	O
Navigation System - DVD-based navigation system - 7-inch color touch screen - Real-time traffic - Back-up camera††	**	**	**	O	**	O
Audio/Entertainment						
SIRIUS Satellite Radio with free 6-month subscription	O / A	O / A	O / A	O / A	O / A	O / A
Exterior						
Fog lights	O / A	S	S	S	S	S
Splash guards (front and rear)	O / A	O / A	O / A	O / A	O / A	O / A
Moonroof wind deflector	**	**	O / A	O / A	O / A	O / A
Aluminum fuel-filler door	O / A	O / A	O / A	O / A	O / A	O / A
Rear bumper guard	O / A	O / A	O / A	O / A	O / A	O / A
Rear spoiler	O / A	O / A	O / A	O / A	O / A	O / A
Wheel locks (set of 4)	**	O / A	O / A	O / A	O / A	O / A
Interior						
Remote engine start (automatic transmission only)	O / A	O / A	O / A	O / A	O / A	O / A
All-weather floor mats	O / A	O / A	O / A	O / A	O / A	O / A
Auto-dimming mirror with HomeLink® (not available with Technology Package)	O / A	O / A	O / A	O / A / P	O / A	O / A / P
Cargo net	O / A	O / A	O / A	O / A	O / A	O / A

† Power figures are lower in California emission states including CA, CT, MA, MD, ME, NM, NJ, NY, OR, PA, RI, VT and WA.

‡ EPA-estimated mileage. Actual results may vary.

** The Bluetooth® system functions only with select manufactured devices. Please consult www.MazdaUSA.com/bluetooth for device compatibility.

†† Back-up camera does not provide a comprehensive view of the entire area behind this vehicle.

‡‡ Always wear your seat belt and secure children in the rear seats in appropriate child restraints.

*** 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 the Owner's Manual for further details.

††† Do not rely completely on the BSM system and be sure to look over your shoulder before changing lanes. The BSM system can assist the driver in confirming the safety of the surrounding but is not a complete substitute. The driver is responsible for assuring lane changes and other maneuvers. Always pay attention to the direction in which the vehicle is traveling and the vehicle's surroundings. The BSM system does not operate when the vehicle speed is lower than about 20 mph (32 km/h).