



2012 MAZDA6

SPECIFICATION DECK

ISSUE DATE: July 1, 2011

PRODUCTION TIMING:

Job #1: June, 2011

LINEUP:

<u>MAZDA6i</u>	<u>MAZDA6s</u>
Sport	-
Touring	-
Touring Plus	Touring Plus
Grand Touring	Grand Touring

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2012 MAZDA6

PRODUCT CHANGES

OVERVIEW

MODEL / SERIES / AVAILABILITY

- No change

EXTERIOR CHANGES

- Colors added
 - Steel Blue (39W)
 - Polished Slate (41E)
 - Autumn Bronze (41F)
 - White Platinum Pearl (41M)
 - Fireglow Red (41N)
- Colors deleted
 - Kona Blue (37B)
 - Comet Gray (37D)
 - Black Cherry (37C)
 - Techno White Pearl (40D)
 - Sangria Red (36Y)

PACKAGE / OPTION CHANGES

- No change

FUNCTIONAL CHANGES

- No change

INTERIOR CHANGES

- Deleted overhead console down light (blue LED) from Touring, Touring Plus and GT models

SAFETY CHANGES

- No change

Product Changes and Features Availability
Features, options and package content subject to change.

2012 MAZDA6 PRODUCT SUMMARY

The lineup consists of an *i* SPORT, TOURING and *i / s* TOURING PLUS, GRAND TOURING models.

The following equipment is standard as indicated. Each trim includes the standard equipment of the previous trim, except where additions / exceptions are noted:

<i>i</i> Sport	<i>i</i> Touring	<i>i</i> Touring Plus	<i>i</i> Grand Touring	<i>s</i> Touring Plus	<i>s</i> Grand Touring
<p style="text-align: center;">(in addition to <i>i Sport</i>)</p> <p>Functional / Powertrain</p> <ul style="list-style-type: none"> 2.5L DOHC 16-valve I4 engine 6-speed manual transmission Independent front & rear suspension Front & rear stabilizer bars Power-assisted rack-and-pinion steering Front & rear disc brakes Anti-Lock Brake System with EBD Dynamic Stability Control (DSC) Traction Control (TCS) <p>Exterior</p> <ul style="list-style-type: none"> 16" steel wheels P205/65 R16 H-rated a/s tires Automatic headlight shutoff Dual power remote door mirrors Rear window defogger Silver trimmed rear taillamp bezels Single exhaust w/dual outlets Variable inter. windshield wipers Window radio antenna <p>Interior</p> <ul style="list-style-type: none"> Auxiliary-audio input jack 60/40 split fold-down rear seats Air conditioning with pollen filter AM/FM/CD stereo w/ 6-speakers, MP3 compatible Center console armrest Center I/P display (A/C, audio, clock, outside temp.) Cloth-trimmed seat upholstery Cruise control Driver's seat manual height adjust Driver's side one-touch up/down window feature Dual front & rear cupholders Front dual map lights Illuminated vanity mirrors - driver & passenger Power automatic door locks Power windows Rear seat center armrest Remote keyless entry Retractable key Sirius satellite radio-compatible audio system Sliding sunvisor extensions Steering wheel mounted controls Tilt & telescopic steering wheel Carpeted floor mats and cargo mat <p>Safety</p> <ul style="list-style-type: none"> Advanced front air bags Foldaway brake pedal assembly Engine immobilizer anti-theft system LATCH rear child safety seat anchors & tethers Side Air Bags Side Air Curtains Side-impact door beams Tire Pressure Monitoring System (TPMS) Triple-H body construction 	<p style="text-align: center;">(in addition to <i>i Sport</i>)</p> <p>Functional / Powertrain</p> <p>Exterior</p> <ul style="list-style-type: none"> 17" alloy wheels 215/55 R17 V-rated a/s tires Fog lights <p>Interior</p> <ul style="list-style-type: none"> 8-way power driver's seat Bluetooth® hands-free phone and audio operations Center console sliding armrest In-dash 6-disc CD changer Leather-trimmed steering wheel Leather-trimmed shift knob Premium trim Trip computer <p>Safety</p>	<p style="text-align: center;">(in addition to <i>i Touring</i>)</p> <p>Functional / Powertrain</p> <p>Exterior</p> <ul style="list-style-type: none"> Folding mirrors with turn signal lamps Ground illumination Power moonroof <p>Interior</p> <ul style="list-style-type: none"> Electroluminescent gauges <p>Safety</p> <ul style="list-style-type: none"> Anti-theft security system Blind spot monitoring system 	<p style="text-align: center;">(in addition to <i>i Touring Plus</i>)</p> <p>Functional / Powertrain</p> <p>Exterior</p> <p>Interior</p> <ul style="list-style-type: none"> Bose audio system Dual zone automatic climate control Heated front seats Leather-trimmed seats Multi information display Rearview camera Welcome lighting system <p>Safety</p>	<p style="text-align: center;">(changes over <i>i Touring Plus</i>)</p> <p>Functional / Powertrain</p> <ul style="list-style-type: none"> 3.7L DOHC 24-valve V6 engine 6-speed automatic transmission <p>Exterior</p> <ul style="list-style-type: none"> Chrome dual exhaust finishers V6 emblem <p>Interior</p>	<p style="text-align: center;">(changes over <i>i Grand Touring</i>)</p> <p>Functional / Powertrain</p> <ul style="list-style-type: none"> 3.7L DOHC 24-valve V6 engine 6-speed automatic transmission <p>Exterior</p> <ul style="list-style-type: none"> Chrome dual exhaust finishers V6 emblem 18" alloy wheels P235/45 R18 W-rated a/s tires <p>Interior</p> <p>Safety</p>

Product Changes and Features Availability
Features, options and package content subject to change.

2012 MAZDA6						
EQUIPMENT & FEATURES	i	i	i	i	s	s
	Sport	Touring	Touring Plus	Grand Touring	Touring Plus	Grand Touring
	2.5L I4 Engine - 170 HP MZ6 ISP	2.5L I4 Engine - 170 HP MZ6 ITR	2.5L I4 Engine - 170 HP MZ6 ITP	2.5L I4 Engine - 170 HP MZ6 IGT	3.7L V6 Engine - 272 HP MZ6 STP	3.7L V6 Engine - 272 HP MZ6 SGT
ENGINE & TRANSMISSION						
Engine	2.5L DOHC 16-valve 4-cylinder with VVT	2.5L DOHC 16-valve 4-cylinder with VVT	2.5L DOHC 16-valve 4-cylinder with VVT	2.5L DOHC 16-valve 4-cylinder with VVT	3.7L DOHC 24-valve 6-cylinder with VVT	3.7L DOHC 24-valve 6-cylinder with VVT
Exhaust, with chrome finishers	Std	Std	Std	Std	-	-
Exhaust, dual with chrome finishers	-	-	-	-	Std	Std
Front wheel drive	Std	Std	Std	Std	Std	Std
Transmission, 6-speed MT	Std	-	-	-	-	-
Transmission, 5-Speed Sport AT with manual mode	Available	Std	Std	Std	-	-
Transmission, 6-Speed Sport AT with manual mode	-	-	-	-	Std	Std
SUSPENSION & CHASSIS						
Brakes, Anti-lock (ABS) with Electronic Brakeforce Distribution (EBD)	Std	Std	Std	Std	Std	Std
Brakes, power-assisted ventilated front/solid rear disc brakes	Std	Std	Std	Std	Std	Std
Dynamic Stability Control (DSC)	Std	Std	Std	Std	Std	Std
Traction Control System (TCS)	Std	Std	Std	Std	Std	Std
Front suspension - independent double wishbone	Std	Std	Std	Std	Std	Std
Rear suspension - independent E-type multi-link	Std	Std	Std	Std	Std	Std
Shock absorbers, gas filled front and rear	Std	Std	Std	Std	Std	Std
Stabilizer bar, front	Std	Std	Std	Std	Std	Std
Stabilizer bar, rear	Std	Std	Std	Std	Std	Std
Steering, power-assisted rack-and-pinion steering with engine speed-sensing variable assist	Std	Std	Std	Std	Std	Std
TIRES & WHEELS						
Tires, size / type	P205/65 R16	P215/55 R17	P215/55 R17	P215/55 R17	P215/55 R17	P235/45 R18
Wheels, size / type	16" / Steel	17" / Alloy	17" / Alloy	17" / Alloy	17" / Alloy	18" / Alloy
EXTERIOR FEATURES						
Antenna, in-glass rear window	Std	Std	Std	Std	Std	Std
Auto-dimming exterior mirror - Driver side only	-	-	-	Opt	-	Opt
Bumpers, front & rear, body-color	Std	Std	Std	Std	Std	Std
Door handles, body-color	Std	Std	Std	Std	Std	Std
Fog lights, front	-	Std	Std	Std	Std	Std
Front grille, body-color	Std	Std	Std	Std	Std	Std
Ground illumination - lights under the exterior mirrors to light your way	-	-	Std	Std	Std	Std
Headlights, automatic shutoff	Std	Std	Std	Std	Std	Std
Headlights, halogen	Std	Std	Std	Std	Std	-
Headlights, Xenon with auto On/Off	-	-	-	Opt	-	Opt
Headlight housings, clear	Std	Std	Std	Std	Std	Std
Mirrors, dual power remote, body-color	Std	Std	-	-	-	-
Mirrors, dual power remote, folding-type with turn signal lamps, body-color	-	-	Std	Std	Std	Std
Mirrors, dual power remote heated, body-color	-	-	-	Opt	-	Opt
Rear combination lamp, sport type	Std	Std	Std	Std	Std	Std
Rear combination lamp, LED type	-	-	-	Opt	-	Opt
Rear spoiler, wing type	-	-	-	-	-	-
Windshield, green-tinted glass with sunshade	Std	Std	Std	Std	Std	Std
Windshield wipers, rain sensing	-	-	-	Opt	-	Opt
Windshield wipers, variable-intermittent	Std	Std	Std	Std	Std	Std
COMFORT & CONVENIENCE						
12V power outlets, (Quantity)	Std (2)	Std (2)	Std (2)	Std (2)	Std (2)	Std (2)
Air conditioning with pollen filter, manual	Std	Std	Std	-	Std	-
Air conditioning with pollen filter, dual zone automatic climate control	-	-	-	Std	-	Std
Auto-dimming interior mirror with Homelink® System	-	-	-	Opt	-	Opt
Cargo mat, carpeted	Std	Std	Std	Std	Std	Std
Center console armrest with dual storage compartments	Std	-	-	-	-	-
Center console with sliding armrest and dual storage compartments	-	Std	Std	Std	Std	Std
Coat hooks (2)	Std	Std	Std	Std	Std	Std
Coin holder	Std	Std	Std	Std	Std	Std
Cruise control with steering wheel-mounted controls	Std	Std	Std	Std	Std	Std
Cup holders, (2) front & (2) rear (in armrest)	Std	Std	Std	Std	Std	Std
Defogger, rear window	Std	Std	Std	Std	Std	Std
Delayed courtesy lights (front map lights, front door lights)	Std	Std	Std	Std	Std	Std
Demisters, front side windows	Std	Std	Std	Std	Std	Std
Door locks, power automatic	Std	Std	Std	Std	Std	Std
Floor mats, carpeted	Std	Std	Std	Std	Std	Std
Front door storage pockets with bottle holders	Std	Std	Std	Std	Std	Std
Front seatback storage pockets	Std	Std	Std	Std	Std	Std
Glove compartment, illuminated with lock	Std	Std	Std	Std	Std	Std
Heater ducts, rear seat	Std	Std	Std	Std	Std	Std
Heater/Defroster with multiple-speed fan	Std	Std	Std	Std	Std	Std
Ignition switch illumination	Std	Std	Std	Std	Std	Std
Ignition, push button start	-	-	-	Opt	-	Opt
Instrument panel display, center (clock, audio, A/C, outside temp)	Std	Std	Std	Std	Std	Std
Key type - Retractable key (2)	Std	Std	Std	Std	Std	Std
Key type - Smart key (2)	-	-	-	Opt	-	Opt
Map lights, front	Std	Std	Std	Std	Std	Std
Mazda Advanced Keyless Entry System	-	-	-	Opt	-	Opt
Mirror, day/night rearview	Std	Std	Std	Std	Std	Std
Mirrors, vanity / driver & passenger / illuminated	Std	Std	Std	Std	Std	Std
Moonroof, power with one-touch open/close and interior sunshade	-	-	Std	Std	Std	Std
Parking brake handle, urethane	Std	Std	Std	Std	Std	Std
Passenger assist grips (3)	Std	Std	Std	Std	Std	Std
Rear seat center armrest with dual cupholders	Std	Std	Std	Std	Std	Std
Remote keyless illuminated entry with trunk lid release	Std	Std	Std	Std	Std	Std
Remote releases, trunk lid / fuel door / hood	Std	Std	Std	Std	Std	Std
Shift knob, leather-wrapped	-	Std	Std	Std	Std	Std
Sliding sunvisor extensions	Std	Std	Std	Std	Std	Std
Steering wheel, leather-wrapped	-	Std	Std	Std	Std	Std
Steering wheel-mounted audio controls	Std	Std	Std	Std	Std	Std
Sunglasses holder, overhead	Std	Std	Std	Std	Std	Std
Tilt & telescopic steering wheel	Std	Std	Std	Std	Std	Std
Trip computer	-	Std	Std	Std	Std	Std
Welcome interior lighting system	-	-	-	Std	-	Std
Windows, power with driver side one-touch-up/down feature / cancel switch	Std	Std	Std	Std	Std	Std

2012 MAZDA6						
EQUIPMENT & FEATURES	i	i	i	i	s	s
	Sport	Touring	Touring Plus	Grand Touring	Touring Plus	Grand Touring
	2.5L I4 Engine - 170 HP MZ6 ISP	2.5L I4 Engine - 170 HP MZ6 ITR	2.5L I4 Engine - 170 HP MZ6 ITP	2.5L I4 Engine - 170 HP MZ6 IGT	3.7L V6 Engine - 272 HP MZ6 STP	3.7L V6 Engine - 272 HP MZ6 SGT
SEATING & TRIM						
60/40 split fold-down rear seats with remote operation	Std	Std	Std	Std	Std	Std
8-way power driver's seat w/ manual adj, lumbar support	-	Std	Std	Std	Std	Std
Door trim, cloth	Std	Std	Std	-	Std	-
Door trim, synthetic leather	-	-	-	Std	-	Std
Driver's seat memory	-	-	-	Opt	-	Opt
Driver's seat with manual height adjustment	Std	-	-	-	-	-
Headrests, front height-adjustable	Std	Std	Std	Std	Std	Std
Headrests, rear	Std	Std	Std	Std	Std	Std
Heated front seats	-	-	-	Std	-	Std
Power passenger seat	-	-	-	Opt	-	Opt
Scuff plates, black	Std	Std	Std	Std	Std	Std
Seats, cloth	Std	Std	Std	-	Std	-
Seats, leather-trimmed	-	-	-	Std	-	Std
Seats, reclining front bucket type	Std	Std	Std	Std	Std	Std
AUDIO SYSTEM						
AM/FM/CD, MP3 compatible, digital clock	Std	Std	Std	Std	Std	Std
Auxiliary-audio input jack	Std	Std	Std	Std	Std	Std
6-speaker sound system (4-full range door speakers & 2-tweeters)	Std	Std	Std	-	Std	-
Sirius® satellite radio-compatible audio system	Std	Std	Std	Std	Std	Std
BOSE® 10-speaker sound system with subwoofer	-	-	-	Std	-	Std
In-dash 6-disc CD changer, MP3 compatible	-	Std	Std	Std	Std	Std
Bluetooth® hands free phone and audio	-	Std	Std	Std	Std	Std
Multi Information Display (MID) for the audio and Bluetooth, 4.3" display and rearview camera	-	-	-	Std	-	Std
Sirius® satellite radio (with 4-month trial subscription)	-	-	-	Opt	-	Opt
DVD Navigation system, 7" display, touch screen, voice command, real time traffic, includes rearview camera	-	-	-	Opt	-	Opt
INSTRUMENTATION						
Gauges, black with white lettering & red nighttime illumination	Std	Std	-	-	-	-
Gauges, electroluminescent with red nighttime illumination	-	-	Std	Std	Std	Std
Tachometer	Std	Std	Std	Std	Std	Std
Trip odometers, resettable (2)	Std	Std	Std	Std	Std	Std
Warning lights: Air Bags, Battery Charge, Check Engine, Door Ajar, High-Beam, Low Fuel, Oil Pressure, Parking Brake, Seat Belts	Std	Std	Std	Std	Std	Std
SAFETY & SECURITY						
3-point safety belts - all seating positions	Std	Std	Std	Std	Std	Std
Anti-theft alarm system	-	-	Std	Std	Std	Std
Blind Spot Monitoring System	-	-	Std	Std	Std	Std
Child safety rear door locks	Std	Std	Std	Std	Std	Std
Foldaway brake pedal assembly	Std	Std	Std	Std	Std	Std
Dual front air bag supplemental restraint system (SRS)	Std	Std	Std	Std	Std	Std
Engine-immobilizer anti-theft system	Std	Std	Std	Std	Std	Std
Front safety-belt pretensioners with force-limiters	Std	Std	Std	Std	Std	Std
LATCH system - rear seat child safety seat lower anchors & upper tethers	Std	Std	Std	Std	Std	Std
Rear seat headrests	Std	Std	Std	Std	Std	Std
Side air curtains, front & rear coverage	Std	Std	Std	Std	Std	Std
Side-impact air bags, front coverage	Std	Std	Std	Std	Std	Std
Side-impact door beams, front & rear	Std	Std	Std	Std	Std	Std
Tire Pressure Monitoring System (TPMS)	Std	Std	Std	Std	Std	Std
Triple H body construction	Std	Std	Std	Std	Std	Std
Trunk entrapment release system	Std	Std	Std	Std	Std	Std
Whiplash-reducing front seat headrests	Std	Std	Std	Std	Std	Std

2012 MAZDA6

PACKAGES & OPTIONS	<i>i</i> Sport	<i>i</i> Touring	<i>i</i> Touring Plus	<i>i</i> Grand Touring	<i>s</i> Touring Plus	<i>s</i> Grand Touring
Technology Package (1TE): - Mazda advanced keyless entry system - Push button start - Memory driver's seat - Passenger power seat - Auto on/off Xenon headlights - Auto-dimming interior mirror with Homelink® - Rain sensing wipers - Heated exterior mirrors - Driver side auto-dimming exterior mirror - LED rear combination lights - Sirius® satellite radio (with 4-month trial subscription)	-	-	-	Pkg	-	Pkg
Navigation System (NV3) (requires 1TE): - DVD-based w/voice command - 7" LCD touch screen - Real time traffic - includes rearview camera	-	-	-	Pkg	-	Pkg
5-Speed Sport Automatic Transmission (AT1)	Opt	Std	Std	Std	-	-
Pearl Paint (JCP): White Platinum Pearl and Fireglow Red	Opt	Opt	Opt	Opt	Opt	Opt
CAL Emissions (CE2): - AZ / CA / CT / MA / MD / ME / NJ / NM / NY / OR / PA / RI / VT / WA	Opt	Opt	Opt	Opt	Opt	Opt

2012 MAZDA6						
ACCESSORIES	<i>i</i> Sport	<i>i</i> Touring	<i>i</i> Touring Plus	<i>i</i> Grand Touring	<i>s</i> Touring Plus	<i>s</i> Grand Touring
AUDIO / VISUAL ELECTRONICS						
3.5mm Audio Cable	Dealer	Dealer	Dealer	Dealer	Dealer	Dealer
Hands Free Device (Motorola T225)	Dealer	Dealer	Dealer	Dealer	Dealer	Dealer
iPod Integration Module	Dealer	Dealer	Dealer	Dealer	Dealer	Dealer
Portable Navigation Device (Garmin Nuvi 2250 LT, 2360 LMT or 3790 LMT)	Dealer	Dealer	Dealer	Dealer	Dealer	Dealer
Remote Engine Start (RSE) (req. automatic trans.) (N/A w/1TE)	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
Remote Engine Start (RST) (req. automatic trans.) (GT w/1TE only)	---	---	---	Port/Dealer	---	Port/Dealer
SIRIUS® Satellite Radio (N/A AK & HI) (SAT)	Port/Dealer	---	---	---	---	---
SIRIUS® Satellite Radio (N/A AK & HI) (1SA)	---	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
EXTERIOR						
Door Sill Trim Plates	Dealer	Dealer	Dealer	Dealer	Dealer	Dealer
Car Cover	Dealer	Dealer	Dealer	Dealer	Dealer	Dealer
Car Cover Cable Lock	Dealer	Dealer	Dealer	Dealer	Dealer	Dealer
Fog Lights (FOG)	Port/Dealer	STD	STD	STD	STD	STD
Front Mask	Dealer	Dealer	Dealer	Dealer	Dealer	Dealer
Fuel Filler Door (Chrome) (FLD)	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
Fuel Filler Door (Pearl Satin)	Dealer	Dealer	Dealer	Dealer	Dealer	Dealer
License Plate Frame, Mazda6	Dealer	Dealer	Dealer	Dealer	Dealer	Dealer
License Plate Frame, Zoom-Zoom	Dealer	Dealer	Dealer	Dealer	Dealer	Dealer
Moonroof Wind Deflector (MND)	---	---	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
Rear Bumper Guard (Stainless Steel) (RBS)	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
Splash Guards (MGB)	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
Touch-Up Paint	Dealer	Dealer	Dealer	Dealer	Dealer	Dealer
Wheel Locks (WLK)	---	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
INTERIOR						
Cargo Mat	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
Cargo Net (CGN)	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
Cargo Tray	Dealer	Dealer	Dealer	Dealer	Dealer	Dealer
Compass/Auto-Dim Interior Mirror with Homelink® (MRH) (N/A w/1TE)	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
First Aid Kit	Dealer	Dealer	Dealer	Dealer	Dealer	Dealer
Floor Mats, All-Weather (FLA)	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
Floor Mats, Carpet	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
Roadside Assistance Kit	Dealer	Dealer	Dealer	Dealer	Dealer	Dealer
Windshield Sunscreen	Dealer	Dealer	Dealer	Dealer	Dealer	Dealer

2012 MAZDA6

INTERIOR & EXTERIOR COLORS

COLOR CODE		EXTERIOR	<i>i</i> SPORT, TOURING, <i>i & s</i> TOURING PLUS		<i>i & s</i> GRAND TOURING			
			INTERIOR		BEIGE	BLACK	BEIGE	BLACK
			Cloth GN2	Cloth GN1	Leather GN2	Leather GN1		
39W	Steel Blue Mica		■(1)		■			
39X	Ingot Silver		■		■			
41E	Polished Slate		■		■			
41F	Autumn Bronze	■(1)		■				
41M	White Platinum Pearl *	■(1)	■(1)	■	■			
41N	Fireglow Red *	■(1)	■	■	■			
NN	Ebony Black	■(1)	■	■	■			

■ = availability

(1) not available on *i* Sport with manual transmission

* White Platinum Pearl (41M) and Fireglow Red (41N) will be available from September 2011 production

2012 MAZDA6 SEDAN

SPECIFICATIONS	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<i>s</i>	<i>s</i>
	Sport	Touring	Touring Plus	Grand Touring	Touring Plus	Grand Touring
	MZ6 ISP	MZ6 ITR	MZ6 ITP	MZ6 IGT	MZ6 STP	MZ6 SGT
ENGINE						
Engine Type	2.5L DOHC 16-valve 4-cylinder with VVT				3.7L DOHC 24-valve 6-cylinder with VVT	
Horsepower, SAE net	170 @ 6000 rpm (168 @ 6000 rpm for I4 PZEV)				272 @ 6250 rpm	
Torque, SAE net (lb./ft.)	167 @ 4000 rpm (166 @ 4000 rpm for I4 PZEV)				269 @ 4250 rpm	
Displacement (cubic inches/cc)	151.9 / 2489				227.4 / 3726	
Bore x Stroke (inches / mm)	3.5 x 3.9 / 89 x 100				3.8 x 3.4 / 95.5 x 86.7	
Compression Ratio	9.7 : 1				10.3 : 1	
Valvetrain	Chain driven dual overhead cams, 4 valves per cylinder with variable intake valve timing (VVT)					
Redline	6,200 rpm				6,500 rpm	
Top Speed (mph)	121				131	
Engine Block	Aluminum Alloy					
Cylinder Heads	Aluminum Alloy					
FUEL SYSTEM						
Fuel Injection	Multi-port electronic fuel injection					
Recommended Fuel	Regular Unleaded					
Minimum Fuel Requirement (rating)	87 octane					
Emission Control (FED)	Tier2 Bin5					
Emission Control (CAL = AZ, CA, CT, MA, MD, ME, NJ, NM, NY, OR, RI, PA, VT, WA)	Manual = LEV-2 LEV Automatic = LEV-2 SULEV (PZEV*)				LEV-2 ULEV	
ELECTRICAL SYSTEM						
Ignition System	Direct coil-on plug electronic ignition with platinum-tipped spark plugs					
Alternator	12V-100A				12V-110A	
Battery	12V / 590CCA					
Starter	12V-1.4kw				12V-1.6kw	
DRIVETRAIN						
Type	Front-Wheel Drive (FWD)					
Transmissions, Manual	6-speed manual	-				-
Transmissions, Automatic	5-speed Sport Automatic				6-speed Sport Automatic	
Clutch Type for Manual Transmission	Single dry plate with diaphragm spring					
Clutch Type for Automatic Transmission	Torque converter with electronic lock-up					
GEAR RATIOS (:1)	6MT	SPORT 5AT			SPORT 6AT	
1st	3.454	3.620			4.148	
2nd	1.842	1.997			2.370	
3rd	1.310	1.285			1.555	
4th	0.970	0.893			1.154	
5th	0.795	0.662			0.859	
6th	0.680	---			0.685	
Reverse	3.198	2.930			3.393	
Final Drive	4.388	3.652			3.200	
CHASSIS						
Body Type	5-passenger, 4-door sedan; monocoque unibody with front and rear suspension subframes					
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 speed sensing variable Hydraulic Power Assist Steering (HPAS)					
Overall Steering Ratio	16.2 : 1					
Steering Wheel Turns, Lock-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 (11.8 inches)					
Rear Brakes	Solid discs (11.0 inches)					
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 x 6.5JJ	17 x 7JJ			18 x 8JJ	
Tire Inflation Pressure (front/rear)	32 psi/32 psi					
Temporary Spare Tire	T115/70 D16					
Temporary Spare Wheel	16 x 4T					

Memo:

* 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.

2012 MAZDA6 SEDAN

SPECIFICATIONS	<i>i</i>	<i>i</i>	<i>i</i>	<i>i</i>	<i>s</i>	<i>s</i>
	Sport MZ6 ISP	Touring MZ6 ITR	Touring Plus MZ6 ITP	Grand Touring MZ6 IGT	Touring Plus MZ6 STP	Grand Touring MZ6 SGT
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		
Passenger Volume (cubic feet)				101.9		
Cargo Volume (cubic feet)				16.6		
Total Volume				118.5		
EPA Vehicle Size Category				Mid-size		
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) (w/o license plate holder)				193.7		
Width (inches)				72.4		
Height (inches)				57.9		
Minimum Ground Clearance, laden (inches)				5.1		
WEIGHTS						
Weight Distribution, % front: rear				60/40		
Curb Weight, Federal Spec (lbs.) - M/T		3,272				-
Curb Weight, Federal Spec (lbs.) - A/T		3,329				3,574
GVWR (lbs.) - M/T		4,340				-
GVWR (lbs.) - A/T		4,400				4,590
GVWR - Front (lbs.) - M/T		2,286				-
GVWR - Front (lbs.) - A/T		2,350				2,513
GVWR - Rear (lbs.) - M/T		2,062				-
GVWR - Rear (lbs.) - A/T		2,059				2,079
CAPACITIES						
Oil with filter (U.S. quarts)		4.7				4.9
Engine Coolant (U.S. quarts)		8.9				9.3
Fuel Tank (gallons)				18.5		
FUEL ECONOMY						
EPA Mileage, City/Highway (mpg) - M/T			21 / 30			-
EPA Mileage, City/Highway (mpg) - A/T			22 / 31			18 / 27

**2012 MAZDA6
REVISIONS**

DATE	PAGE	CONTENT	UPDATES
July 1, 2011	All	All	official release