



# 2009 MAZDA3 AND MAZDASPEED3 SPECIFICATION DECK

20-May-08  
Version 2009.2

## PRODUCTION TIMING:

Job #1: July, 2008

## LINEUP:

MAZDA3i Sport 4DR  
MAZDA3i Touring Value 4DR  
MAZDA3s Sport 4DR  
MAZDA3s Touring 4DR  
MAZDA3s Grand Touring 4DR  
MAZDA3s Sport 5DR  
MAZDA3s Touring 5DR  
MAZDA3s Grand Touring 5DR  
MAZDASPEED3 Sport 5DR  
MAZDASPEED3 Grand Touring 5DR

<b>CONTENTS:</b>	<b>Page(s)</b>
Product Changes	2
Product Summary	3
Equipment & Features	4-6
Packages & Options	7
Accessories	8
Color & Trim	9
Specifications	10-11







**2009 MAZDA3 and MAZDASPEED3  
EQUIPMENT AND FEATURES**

	2.0L		2.3L			2.3L SDR			MAZDASPEED3	
	<i>i Sport</i>	<i>i Touring Value</i>	<i>s Sport</i>	<i>s Touring</i>	<i>s Grand Touring</i>	<i>s Sport</i>	<i>s Touring</i>	<i>s Grand Touring</i>	<i>Sport</i>	<i>Grand Touring</i>
Ambient (outside) temperature display	OPT	■	■	■	■	■	■	■	■	■
Ash tray with illumination	■	■	■	■	■	■	■	■	■	■
Assist grips, passenger (3)	■	■	■	■	■	■	■	■	■	■
Automatic climate control system with display	---	---	---	---	■	---	---	---	■	■
Cargo area light	■	■	■	■	■	■	■	■	■	■
Cargo area light with ON/OFF switch	---	---	---	---	---	■	■	■	■	■
Cargo management system - urethane-type	---	---	---	---	---	■	■	■	---	---
Center console armrest with covered dual storage compartments	■	■	■	■	■	■	■	■	■	■
Centralized door locking feature - driver's & front	---	■	■	■	■	■	■	■	■	■
Cigarette lighter	■	■	■	■	■	■	■	■	■	■
Coat hooks (2)	■	■	■	■	■	■	■	■	■	■
Cruise control with steering wheel-mounted controls - illuminated	---	■	■	■	■	■	■	■	■	■
Cup holders, rear door bottle holders (without storage pockets)	■	■	■	■	■	■	■	■	■	■
Cupholders, dual front with lid	■	■	■	■	■	■	■	■	■	■
Cupholders, dual rear (integrated in armrest)	---	■	■	■	■	■	■	■	■	■
Delayed courtesy lights (dual map & dome lights)	---	■	■	■	■	■	■	■	■	■
Dome light	■	■	■	■	■	■	■	■	■	■
Driver-side covered visor vanity mirror with ticket holder	■	■	---	---	---	---	---	---	---	---
Driver-side illuminated covered visor vanity mirror with ticket holder	---	---	■	■	■	■	■	■	■	■
Footrest, driver-side	■	■	■	■	■	■	■	■	■	■
Front dual map lights	■	■	■	■	■	■	■	■	■	■
Front side-window demisters	■	■	■	■	■	■	■	■	■	■
Heater/defroster with multiple speed fan	■	■	■	■	■	■	■	■	■	■
Illuminated driver-side power window switches	---	■	■	■	■	■	■	■	■	■
Illuminated glove compartment	■	■	■	■	■	■	■	■	■	■
Illuminated ignition keyhole	■	■	■	■	■	■	■	■	■	■
Moonroof, power sliding-glass ("one-touch" open feature) with interior sunshade	---	OPT	OPT	OPT	OPT	OPT	OPT	OPT	---	---
Passenger-side covered visor vanity mirror with ticket holder	■	■	---	---	---	---	---	---	---	---
Passenger-side illuminated covered visor vanity mirror with ticket holder	---	---	■	■	■	■	■	■	■	■
Power door lock switches - driver's-side & front passenger-side	---	■	■	■	■	■	■	■	■	■
Power door locks with 2-stage unlocking	---	■	■	■	■	■	■	■	■	■
Rear heater ducts	■	■	■	■	■	■	■	■	■	■
Rear window defogger	■	■	■	■	■	■	■	■	■	■
Rearview mirror, day/night	■	■	■	■	■	■	■	■	■	■
Remote fuel door release	■	■	■	■	■	■	■	■	■	■
Remote hood release	■	■	■	■	■	■	■	■	■	■
Remote keyless illuminated entry system w/ "answer back" feature	---	■	■	■	■	■	■	■	■	■
Remote trunk lid release (interior switch)	■	■	■	■	■	---	---	---	---	---
Steering column, tilt & telescopic	■	■	■	■	■	■	■	■	■	■
Steering wheel, 3-spoke leather-wrapped with red stitching	---	---	---	---	---	---	---	---	■	■
Steering wheel, 3-spoke leather-wrapped	---	■	■	■	■	■	■	■	---	---
Steering wheel, 3-spoke urethane	■	---	---	---	---	---	---	---	---	---
Steering wheel-mounted audio controls - illuminated	■	■	■	■	■	■	■	■	■	■
Storage bin - driver's side	■	■	■	■	■	■	■	■	■	■
Storage pockets, front door with bottle holders	■	■	■	■	■	■	■	■	■	■
Storage, front seatback map pocket (driver's side only)	■	■	■	■	■	■	■	■	■	■
Storage, glove compartment with illumination & lock	■	■	■	■	■	■	■	■	■	■
Vinyl-covered sunvisors	■	■	■	■	■	■	■	■	■	■
Windows, manual control	---	---	---	---	---	---	---	---	---	---
Windows, power with driver-side one-touch down feature	---	■	■	■	■	■	■	■	■	■
<b>Seating &amp; Trim</b>										
5-passenger seating capacity	■	■	■	■	■	■	■	■	■	■
60/40 split fold-down rear seat	■	■	■	■	■	■	■	■	■	■
Aluminum pedals	---	---	---	---	---	---	---	---	---	---
Cargo area cover, rigid (removable)	---	---	---	---	---	■	■	■	■	■
Center floor console trim - black	■	■	■	■	■	■	■	■	■	■
Console center panel (Audio and A/C) Black	■	■	---	---	---	---	---	---	---	---
Console center panel (Audio and A/C) Piano Black	---	---	■	■	■	■	■	■	---	---
Decoration Panel - Piano Black	■	■	■	■	■	■	■	■	---	---
Decoration Panel - Piano Black w/MAZDASPEED logo	---	---	---	---	---	---	---	---	---	---
Door trim, cloth - beige or black	■	---	---	---	---	---	---	---	---	---
Door trim, cloth - black or sand	---	---	■	■	---	■	■	---	■	---
Door trim, black synthetic leather	---	---	---	---	■	---	---	■	---	---
Door trim, MAZDASPEED	---	---	---	---	---	---	---	---	■	■
Floor mats, front and rear - carpeted	■	■	■	■	■	■	■	■	---	---
Floor mats, front and rear - MAZDASPEED	---	---	---	---	---	---	---	---	■	■
Floor-mounted gear shift lever (M/T and optional A/T)	■	■	■	■	■	■	■	■	■	■
Full cargo area trim	■	■	■	■	■	■	■	■	■	■
Full carpeting	■	■	■	■	■	■	■	■	■	■
Headrests, adjustable - front & rear (all outboard seating positions)	■	■	■	■	■	■	■	■	■	■
Interior trim color: black or sand	---	---	■	■	---	■	■	---	---	---
Interior trim color: black	---	---	---	---	---	---	---	■	---	---
Interior trim color: black, or two-tone beige/black	---	---	---	---	---	---	---	---	---	---
Interior trim color: MAZDASPEED black/red	---	---	---	---	---	---	---	---	---	---
Molded cloth door trim - front and rear	■	■	■	■	---	■	■	---	■	---
Molded cloth headliner	■	■	■	■	■	■	■	■	■	■
Parking brake handle, urethane w/bright-color release button	■	■	■	■	■	■	■	■	■	■
Power window sw panel - black	---	■	---	---	---	---	---	---	---	---
Power window sw panel - piano black	---	---	■	■	■	■	■	■	■	■
Scuff plates - urethane type	■	■	■	■	■	■	■	■	---	---
Scuff plates - MAZDASPEED metal insert	---	---	---	---	---	---	---	---	■	■
Seats, cloth - beige or black	■	■	---	---	---	---	---	---	---	---

**2009 MAZDA3 and MAZDASPEED3  
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	2.0L		2.3L			2.3L SDR			MAZDASPEED3	
	<i>i Sport</i>	<i>i Touring Value</i>	<i>s Sport</i>	<i>s Touring</i>	<i>s Grand Touring</i>	<i>s Sport</i>	<i>s Touring</i>	<i>s Grand Touring</i>	<i>Sport</i>	<i>Grand Touring</i>
Seats, cloth - black or sand	---	---	■	■	---	■	■	---	---	---
Seats, black cloth (MAZDASPEED unique)	---	---	---	---	---	---	---	---	■	---
Seats, leather - black	---	---	---	---	---	---	---	■	---	---
Seats, 8-way power driver's Seat	---	---	---	---	---	---	---	■	---	---
Seats, black Alcantara with leather bolsters (MAZDASPEED unique)	---	---	---	---	---	---	---	---	---	■
Seats, driver's seat lifter (lever-type) with manually adjustable lumbar support	---	■	■	■	■	■	■	■	■	■
Seats, heated front seats (driver and passenger)	---	---	---	---	■	---	---	■	---	---
Seats, reclining front bucket seats - sport-type	■	■	■	■	■	■	■	■	■	■
Shift knob - leather-wrapped (M/T and optional A/T)	---	■	■	■	■	■	■	■	■	■
Shift knob - urethane (M/T and optional A/T)	■	---	---	---	---	---	---	---	---	---
Steering wheel switch bezel - black	---	■	---	---	---	---	---	---	---	---
Steering wheel switch bezel - piano black	---	---	---	■	■	■	■	■	■	■
<b>Audio/Entertainment/Navigation Systems</b>										
AM/FM/CD (MP3 Compatible) audio system with digital clock (modular audio Phase 3.5)	■	■	■	■	■	■	■	■	■	■
4-speaker sound system - full-range door-mounted type	■	---	---	---	---	---	---	---	---	---
6-speaker sound system (includes 2 tweeters)	---	■	■	■	■	■	■	■	■	---
Audio system Automatic Level Control (ALC) - 1/2/3 & off settings	■	■	■	■	■	■	■	■	■	■
Auxiliary audio input jack	■	■	■	■	■	■	■	■	■	■
Bose premium audio system (222W digital amplifier, 7 speakers)	---	---	---	---	OPT	---	---	OPT	---	■
In-Dash 6-Disc CD (MP3 Compatible) Changer (modular audio)	---	OPT	OPT	OPT	OPT	OPT	OPT	OPT	---	■
Navigation system w/ Factory Sirius Satellite Radio w/6 Month Subscription	---	---	---	---	OPT	---	---	OPT	---	OPT
Satellite radio-compatible audio system (requires additional dealer-installed hardware)	■	■	■	■	■	■	■	■	■	■
<b>Instrumentation</b>										
Center instrument panel display (audio & clock)	■	■	■	■	■	■	■	■	■	■
Engine coolant temperature gauge	■	■	■	■	■	■	■	■	■	■
Gauge illumination dimming control button (number illumination only)	---	---	■	■	■	■	■	■	■	■
Gauge illumination, red nighttime	■	■	---	---	---	---	---	---	---	---
Gauges & controls illumination dimming control - dial-type	■	■	■	■	■	■	■	■	■	■
Gauges, Black with white lettering	■	■	---	---	---	---	---	---	---	---
Gauges, Electroluminescent (black-out type) with red & blue nighttime illumination and white stylus	---	---	■	■	■	■	■	■	---	---
Gauges, Electroluminescent (black-out type) MAZDASPEED type and white stylus	---	---	---	---	---	---	---	---	■	■
Tachometer	■	■	■	■	■	■	■	■	■	■
Trip Computer, four-function including current and average fuel economy, distance-to-empty, and average vehicle speed	---	---	---	---	■	---	---	■	---	■
Trip odometers, resettable (2)	■	■	■	■	■	■	■	■	■	■
Warning lights: brake system, high-beam headlights, turn signals/hazard warning on, check engine, engine oil pressure, battery charge, defogger-on, air bag/front seat belt pretensioner system, door-ajar, low fuel, Anti-lock Brake System, cruise control on, tire pressure monitoring system	■	■	■	■	■	■	■	■	■	■
<b>Safety &amp; Security</b>										
"Triple-H" construction	■	■	■	■	■	■	■	■	■	■
3-point safety belts for all seating positions (2 front; 3 rear)	■	■	■	■	■	■	■	■	■	■
5-mph bumpers	■	■	■	■	■	■	■	■	■	■
Advanced dual front air bags (SRS) - with crash-zone & driver's seat position/passenger weight sensors (Mazda Advanced Restraint System)	■	■	■	■	■	■	■	■	■	■
Child-safety rear door locks	■	■	■	■	■	■	■	■	■	■
Collapsible steering column (following air bag deployment)	■	■	■	■	■	■	■	■	■	■
"Crashable" brake pedal	■	■	■	■	■	■	■	■	■	■
Dual front side-impact air bag supplemental restraint system (SRS) - front seat-mounted (front coverage)	■	■	■	■	■	■	■	■	■	■
Engine immobilizer anti-theft system	■	■	■	■	■	■	■	■	■	■
Front safety-belt pretensioners with force limiters	■	■	■	■	■	■	■	■	■	■
Height adjustable front shoulder belt "B" pillar anchors	■	■	■	■	■	■	■	■	■	■
Horn - single type	■	■	■	■	■	■	■	■	■	■
Keyless remote panic button feature (on key fob)	---	■	■	■	■	■	■	■	■	■
LATCH rear seat child safety-seat lower anchors & upper	■	■	■	■	■	■	■	■	■	■
Side air curtains - front & rear coverage	■	■	■	■	■	■	■	■	■	■
Side-impact door beams - front and rear	■	■	■	■	■	■	■	■	■	■
Theft-Deterrent Security System	---	---	---	---	■	---	---	■	---	■
Tire pressure monitoring system*	■	■	■	■	■	■	■	■	■	■
Trunk entrapment release system	■	■	■	■	■	---	---	---	---	---
Trunk lid opener cancel system (trunk latch type)	■	■	■	■	■	---	---	---	---	---
Whiplash-reducing front seat headrests	■	■	■	■	■	■	■	■	■	■

\*not available on Mazda 3i Sport produced prior to 9/1/2007

## 2009 MAZDA3 AND MAZDASPEED3 PACKAGES AND OPTIONS

	MAZDA3i		MAZDA3s					MAZDASPEED3		
	Sport 4DR	Touring Value 4DR	Sport 4DR	Touring 4DR	GT 4DR	Sport 5DR	Touring 5DR	GT 5DR	Sport 5DR	GT 5DR
(AC1) Air conditioning with ambient temperature gauge and pollen filter	OPT	STD	STD	STD	STD	STD	STD	STD	STD	STD
(1MC) Moonroof and 6CD changer (MP3 Capable)	--	OPT	OPT	OPT	--	OPT	OPT	--	--	--
(2MC) Moonroof, 6CD changer with BOSE Audio system (MP3 Capable)	--	--	--	--	OPT	--	--	OPT	--	--
(1NV) Navigation system w/Sirius Satellite Radio w/6 Month Subscription	--	--	--	--	OPT	--	--	OPT	--	OPT
(JCP) Crystal White Paint	--	--	OPT	OPT	OPT	OPT	OPT	OPT	OPT	OPT

## 2009 MAZDA3 AND MAZDASPEED3 ACCESSORIES

ACCESSORIES	MAZDA3i		MAZDA3s				MAZDASPEED3	
	Sport 4DR	Touring 4DR	Sport 4DR	Touring 4DR	GT 4DR	Sport 5DR	Touring 5DR	GT 5DR
<b>AUDIO / VISUAL ELECTRONICS</b>								
In-Dash 6-Disc CD Changer, MP3 Compatible (CDC)*	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
Remote Engine Start (A/T only) (RSE)	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
SIRIUS Satellite Radio w/6 Month Subscription (N/A AK & HI) (SAT)**	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
<b>EXTERIOR</b>								
Front Air Dam (ADD)	---	---	---	---	---	Port/Dealer	Port/Dealer	Port/Dealer
Door Edge Guards (DEG)	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
Fuel-Filler Door, Pearl Satin (FDS)	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
Fog Lights (FOG)	Port/Dealer	---	---	---	---	---	---	---
Mud Guards, Front & Rear (MGB)	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
Moonroof Wind Deflector (MND)	---	---	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
Rear Bumper Guard (RBS)	---	---	---	---	---	---	---	---
Rear Lip Spoiler (RSP)	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
Rear Wing Spoiler (RSW)	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
Side Sill Extensions (SIL)	---	---	Port/Dealer	---	---	---	---	---
Wheel Locks (WLK)	---	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
<b>INTERIOR</b>								
Cargo Mat (CGM)	Port/Dealer	Port/Dealer	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	Port/Dealer	Port/Dealer
Cargo Tray (CGT)	---	---	---	---	---	Port/Dealer	Port/Dealer	Port/Dealer
Floor Mats, All-Weather (FLA)	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer
Compass/AutoDim Mirror (MCR)	---	---	---	---	Port/Dealer	---	---	Port/Dealer
Compass/AutoDim Mirror with Homelink (MHR)	---	---	---	---	Port/Dealer	---	---	Port/Dealer
Compass/AutoDim Mirror (MRC)	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	---	Port/Dealer	Port/Dealer	Port/Dealer
Compass/AutoDim Mirror with Homelink (MRH)	Port/Dealer	Port/Dealer	Port/Dealer	Port/Dealer	---	Port/Dealer	Port/Dealer	Port/Dealer

\* N/A on 1MC and 2MC equipped models

\*\* N/A on 1NV equipped models



## 2009 MAZDA3 AND MAZDASPEED3 COLOR AND TRIM

Interior Trim Type		MAZDA3i		MAZDA3s			MAZDASPEED3	
		<i>Black Cloth</i>	<i>Beige Cloth</i>	<i>Black cloth</i>	<i>Sand cloth</i>	<i>Black leather</i>	<i>Black Cloth</i>	<i>Black leather</i>
		<i>BR6</i>	<i>BR7</i>	<i>BR6</i>	<i>BS3</i>	<i>BR6</i>	<i>BS5</i>	<i>BS5</i>
16W	Black Mica	●		●		●	●	●
32V	Copper Red Mica	●	●	●	●	●		
22V	Sunlight Silver Metallic	●		●		●		
37A	Golden Sand Metallic	●		●		●		
A4A	True Red						●	●
35J	Stormy Blue Mica		●		●	●		
32S	Galaxy Gray Mica	●		●	●	●		
36C	Metropolitan Gray Mica	●		●		●	●	●
34K	Crystal White Pearl Mica			●	●	●	●	●
<b>LEGEND:</b> <span style="display: inline-block; width: 1em; height: 1em; background-color: black; border-radius: 50%; margin-right: 0.5em;"></span> = Available								

## SPECIFICATIONS

	4-DOOR i	4-DOOR s	5-DOOR s	5-DOOR MAZDASPEED
<b>ENGINE AND ELECTRICAL</b>				
Engine Type	Type-LFX 2.0L DOHC 16-valve 4-cylinder with VVT		Type-L3X 2.3L DOHC 16-valve 4-cylinder with VVT and balance shafts (2)	Type-L3T 2.3L Direct Injection Spark Ignition (DISI) Turbocharged 16-valve 4-cylinder
Horsepower (SAE net)	148 @ 6500 rpm (PZEV* = 144 @ 6500 rpm)		156 @ 6500 rpm (PZEV = 151 @ 6500 rpm)	263 @ 5500 rpm
Torque (lb.-ft.)	135 @ 4500 rpm (PZEV = 132 @ 4500 rpm)		150 @ 4500 rpm (PZEV = 149 @ 4500 rpm)	280 @ 3000 rpm
Redline			6,500 rpm	
Displacement (cubic inches/cc)	122.0/1999		137.9/2260	137.9/2260
Bore x Stroke (inches/mm)	3.44 x 3.27/87.5 x 83.1		3.44 x 3.70/87.5 x 94.0	3.44 x 3.70/87.5 x 94.0
Compression Ratio	10.0:1		9.7:1	9.5:1
Fuel System	Multi-port electronic fuel injection			Direct Injection
Recommended Fuel	Regular unleaded			Premium unleaded (91 octane required)
Valvetrain	4 valves per cylinder, mechanical lifters, camshaft chain; Variable-Valve Timing			
Engine Block	Aluminum Alloy			
Cylinder Heads	Aluminum Alloy			
Emission Control (FED)	Tier 2 Bin 5			
Emission Control (CAL = CA, MA, ME, NY, VT, PA, CT, RI, WA, OR, NJ)	LEV-II SULEV (PZEV*)			ULEV2
Ignition System	Brakerless electronic			
Alternator	12V - 90amp			
Battery	50D 20L			
Starter	12V: 1.0kw		12V: 1.4kw	55D 23L
<b>DRIVETRAIN</b>				
Type	FWD			
Transmission (MT)	4-speed electronically-controlled Sport AT (FN)		5-speed manual	6-speed manual
Transmission (AT)			5-speed electronically-controlled Sport AT (FN5)	N/A
Clutch Type	MT AT	Single dry plate with diaphragm spring Torque converter with electronic lockup		Single dry plate with diaphragm spring N/A
Ratios (-1)	<b>2.0L MT</b>		<b>2.3L MT</b>	<b>2.3L MT</b>
	1st	3.307	3.307	3.538
	2nd	1.842	1.842	2.238
	3rd	1.310	1.31	1.535
	4th	0.970	0.97	1.171
	5th	0.755	0.755	1.085
	6th	Not Equipped	Not Equipped	0.853
	Reverse	3.166	3.166	3.831
	Final Drive	4.105	4.105	1-4th: 3.941; 5-6th: 3.350
	<b>2.0L SPORT AT</b>		<b>2.3L SPORT AT</b>	
	1st	2.816	3.62	
	2nd	1.497	1.925	
	3rd	1.000	1.285	
	4th	0.725	0.933	
	5th	Not Equipped	0.692	
	Reverse	2.648	3.405	
	Final Drive	3.683	3.863	
<b>CHASSIS</b>				
Body Type	5-passenger, 4-door sedan; monocoque unit			5-passenger, 5-door hatchback
Front Suspension	Independent, MacPherson strut, coil springs and stabilizer bar			
Rear Suspension	Independent, Multi-link (E-type), coil springs and stabilizer bar			
Shock Absorbers	Telescopic, double acting			
Steering Type	Rack-and-pinion with variable assist			
Power Assist	Electro-Hydraulic Power Assist Steering (EHPAS)			Hydraulic Power Assist (HPAS)
Overall Steering Ratio	14.6:1			14.7:1
Steering Wheel Turns-to-Lock	2.9			2.7
Turning Circle, Curb-to-Curb (feet/m)	34.1/10.4			36.1/11.0
<b>Braking System</b>	<b>Power assist; Anti-lock Brake System (ABS) w/ Electronic Brakeforce Distribution (EBD) &amp; Brake Assist</b>			
Front Brakes	10.9 inches (2.0L)	Ventilated discs		12.6 inches
Rear Brakes	10.4 inches (2.0L)	Solid discs		11.0 inches
Parking Brake	Mechanical, hand-operated on rear wheels			
Wheels	6.0J x 15" (standard) 6.5J x 17" (optional)	6.5J x 16" (standard) 6.5J x 17" (optional)	6.5J x 17" (standard)	7.0J x 18" (standard)
Wheel Offset (mm)	52.5			
Tires	P195/65 R15 H-rated all-season (standard) P205/55 R16 H-rated all-season (optional)	P205/55 R16 H-rated all-season (standard) P205/50 R17 V-rated all-season (optional)	P205/50 R17 V-rated all-season (std)	P215/45R18 93Y summer radials
Tire Inflation Pressure, Fr/Rr (psi)	34/34 (15") / 32/32 (17")		32/32 (16" & 17")	34/32 (18")
Temporary Spare Tire	T115/70D15 (for 2.0L 15") & T125/70D16 (for 2.0L 17" wheels)		T125/70D16 (for 2.3L 16" & 17" wheels)	T125/70D17
Curb Weight (lbs.)	MT AT	2780 (PZEV = 2795) 2811 (PZEV = 2828)	2906 (PZEV = 2921) 2959 (PZEV = 2974)	2930 (PZEV = 2945) 2983 (PZEV = 2998)
				3153 (PZEV = 3153)

**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.

**SPECIFICATIONS**

	4-DOOR <i>i</i>	4-DOOR <i>s</i>	5-DOOR <i>s</i>	5-DOOR <i>MAZDASPEED</i>
<b>FUEL ECONOMY</b>				
EPA Mileage (City/Highway)				
MT	24/32	22/29	22/29	18/26
AT	23/30	22/29	22/29	
* These estimates reflect new EPA methods beginning with 2008 models				
<b>CAPACITIES</b>				
Crankcase (U.S. quarts)	4.5 (w/ oil filter replacement), 4.1 (without)		5.7 (w/ oil filter replacement), 5.3 (without)	
Engine Coolant (U.S. quarts)			7.9	
Fuel Tank Capacity (gallons)			14.5	
EPA Passenger Volume (cubic feet)	94.3		95.3	
EPA Cargo Volume (cubic feet)	11.5		17.1	16.5
EPA Cargo Volume RR seats down, (cubic feet)	N/A		43.8	43.4
EPA Total Volume (cubic feet)	14.6		10.6	10.2
EPA Vehicle Size Category	Compact (Small Car)			
<b>EXTERIOR DIMENSIONS</b>				
Wheelbase (inches)			103.9	
Track, Front (inches)	60.2			
Track, Rear (inches)	59.6		60.4	
Length (inches)	177.4	177.6	176.8	
Width (inches)	69.1			
Height, unladen (inches)			57.7	
Minimum Ground Clearance, laden (inches)			4.8	
Weight Distribution, % front:rear			60/40	
Coefficient of Drag (Cd)	0.29	0.31	0.32	0.32
Top Speed (MPH) with speed limiter	117.5 (w / speed limiter)		155	
<b>INTERIOR DIMENSIONS</b>				
Headroom, front/rear without Moonroof (inches)	39.1/37.4		39.1/38.4	
Headroom, front/rear with Moonroof (inches)	38.1/37.0		38.2/38.3	Not Equipped
Leg Room, front/rear (inches)			41.1/36.3	
Shoulder Room, front/rear (inches)			54.9/54.0	
Hip Room, front/rear (inches)			53.8/52.5	
Rear Knee Clearance (inches)			0.7	