

# 2009 MAZDA3 4-Door

## Engine & Mechanical



standard option not available



### MAZDA3 4-Door at a Glance:



#### Engine Type

Choice of 148-hp (144-hp PZEV)<sup>†</sup> 2.0L DOHC 16-valve 4-cylinder (MAZDA3 i) or 156-hp (151-hp PZEV)<sup>†</sup> 2.3L DOHC 16-valve 4-cylinder (MAZDA3 s) engine



#### Exterior Features

Available Xenon headlights, power sliding-glass moonroof, 17-inch aluminum alloy wheels and rain-sensing windshield wipers



#### Available Features

Available leather-trimmed seats, heated front seats, Bose® premium audio system and DVD navigation system\*\*



#### Safety Features

Standard safety features include advanced front air bags, front side-impact air bags, side-impact air curtains<sup>‡‡</sup> and Tire-Pressure Monitoring System (TPMS)

2009 MAZDA3 4-Door	i Sport	i Touring Value	s Sport	s Touring	s Grand Touring
<b>Performance</b>					
Engine Type	2.0L DOHC 16-valve 4-cylinder with VVT		2.3L DOHC 16-valve 4-cylinder with VVT and balance shafts (2)		
Horsepower <sup>†</sup>	148 @ 6500 rpm (PZEV = 144 @ 6500 rpm)		156 @ 6500 rpm (PZEV = 151 @ 6500 rpm)		
Torque (lb.-ft.) <sup>†</sup>	135 @ 4500 rpm (PZEV = 132 @ 4500 rpm)		150 @ 4500 rpm (PZEV = 149 @ 4500 rpm)		
Redline	6,500 rpm				
Displacement (cubic inches)	122	122	137.9	137.9	137.9
Bore x Stroke (inches)	3.44 x 3.27	3.44 x 3.27	3.44 x 3.70	3.44 x 3.70	3.44 x 3.70
Compression ratio	10.0:1	10.0:1	9.7:1	9.7:1	9.7:1
Fuel system	Multi-port electronic fuel injection				
Recommended fuel	Regular unleaded				
Valvetrain	4 valves per cylinder, mechanical lifters, camshaft chain; Variable-Valve Timing				
Engine block	Aluminum alloy				
<b>Fuel Economy</b>					
EPA Mileage (City/Highway) <sup>‡</sup>					
Manual Transmission	24/32	24/32	22/29	22/29	22/29
Automatic Transmission	22/30	22/30	22/28	22/28	22/28
<b>Drivetrain</b>					
Type	FWD				
Transmission (MT)	5-speed manual				
Transmission (AT)	4-speed electronically-controlled Sport AT		5-speed electronically-controlled Sport AT		
<b>Clutch Type</b>					
MT	Single dry plate with diaphragm spring				
AT	Torque converter with electronic lockup				
Ratios (:1)	<b>2.0L MT</b>		<b>2.3L MT</b>		

1st	3.307	3.307			
2nd	1.842	1.842			
3rd	1.310	1.310			
4th	0.970	0.970			
5th	0.755	0.755			
Reverse	3.166	3.166			
Final Drive	4.105	4.105			
	<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			
Top speed (MPH) with speed limiter	117.5				
<b>Chassis</b>					
Body Type	5-passenger, 4-door sedan				
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)				
Overall steering ratio	14.6:1				
Steering Wheel Turns-to-Lock	2.9				
Turning Circle, Curb-to-Curb (feet)	34.1				
Braking System	Standard: Power assist; Anti-lock Brake System (ABS) w/ Electronic Brakeforce Distribution (EBD) & Brake Assist				
Front brakes, ventilated discs	10.9 inches (2.0L)	10.9 inches (2.0L)	11.8 inches (2.3L)	11.8 inches (2.3L)	11.8 inches (2.3L)
Rear brakes, solid discs	10.4 inches (2.0L)	10.4 inches (2.0L)	11.0 inches (2.3L)	11.0 inches (2.3L)	11.0 inches (2.3L)
Parking Brake	Mechanical, hand-operated on rear wheels				
Wheels	15" steel wheels( i Sport) 17" aluminum alloy ( i-Touring Value)		16" aluminum alloy (s Sport) 17" aluminum alloy (s Touring & Grand Touring)		
Wheel Offset (mm)	52.5				
Tires	P195/65 R15 H-rated all-season (standard on i Sport) P205/50 R17 V-rated all-season (I-Touring Value)		P205/55 R16 H-rated all-season P205/50 R17 V-rated all-season (optional)		
Curb Weight (lbs.)					
MT	2780 (PZEV = 2795)		2906 (PZEV = 2921)		
AT	2811 (PZEV = 2828)		2959 (PZEV = 2974)		

# 2009 MAZDA3 4-Door



## Exterior

**S** standard   **□** option   -- not available

2009 MAZDA3 4-Door	i Sport	i Touring Value	s Sport	s Touring	s Grand Touring
<b>Exterior features</b>					
Black mesh grille with bright accent bar	S	--	--	--	--
Black mesh grille with body-color accent bar	--	S	--	--	--
Body-color sport grille	--	--	S	S	S
Fog lights	--	S	S	S	S
Halogen headlights	S	S	S	S	--
Xenon headlights with auto on/off	--	--	--	--	S
Headlight bezels - with (3) silver-color	S	S	S	S	S
Headlight housing – black treatment	S	S	S	S	S
2-speed with variable-intermittent windshield wipers	S	S	S	S	--
Automatic rain-sensing (adjustable sensitivity) with 2-speed and variable-intermittent windshield wipers	--	--	--	--	S
Dual manual remote mirrors – body-color, folding-type	S	--	--	--	--
Dual power remote mirrors – body-color, folding-type	--	S	S	S	S
Body colored door handles and fuel door	S	S	S	S	S
Side repeater lights – white-oval lens	S	S	S	S	S
Protective body-color side moldings	S	S	S	S	S
Side Sill Extensions	--	--	--	S	S
Roof-mounted antenna mast	S	S	S	S	S
Moonroof, power sliding-glass (one-touch open feature) with interior sunshade	--	□	□	□	□
Clear-lens taillights with (3) silver-color bezels	S	S	S	S	--
LED taillights	--	--	--	--	S
Brake light – high-mount, integrated in trunk	S	S	S	S	S
Body-color (front & rear) bumpers	S	S	--	--	--
Body-color sport type (front & rear) bumpers	--	--	S	S	S
<b>Tires &amp; Wheels</b>					
15" steel wheels w/ wheel covers	S	--	--	--	--
16" aluminum alloy wheels	--	--	S	--	--
17" aluminum alloy wheels	--	S	--	S	S
P195/65 R15 H-rated all-season	S	--	--	--	--
P205/55 R16 H-rated all-season	--	--	S	--	--
P205/50 R17 V-rated all-season	--	S	--	S	S
<b>Exterior Dimensions</b>					
Wheelbase (inches)	103.9				
Track, front (inches)	60.2				
Track, rear (inches)	59.6				
Length (inches)	177.4 (i trim) / 177.6 (s trim)				
Width (inches)	69.1				
Height, unladen (inches)	57.7				
Minimum ground clearance, laden (inches)	4.8				
Weight distribution, % front:rear	60/40				

# 2009 MAZDA3 4-Door



## Interior

S standard  
 □ option  
 -- not available

2009 MAZDA3 4-Door	i Sport	i Touring Value	s Sport	s Touring	s Grand Touring
<b>Comfort &amp; Convenience</b>					
12-volt power outlet in center console (1)	S	S	S	S	S
Heater/defroster with multiple speed fan	S	S	S	S	S
Rear heater ducts, window defogger	S	S	S	S	S
Air Conditioning with pollen filter	□	S	S	S	S
Automatic climate control system with display	--	--	--	--	S
Ambient outside temperature display	□	S	S	S	S
Center console armrest with covered dual storage compartments	S	S	S	S	S
Tilt & telescopic steering column	S	S	S	S	S
3-spoke leather-wrapped steering wheel	--	S	S	S	S
3-spoke urethane steering wheel	S	--	--	--	--
Audio controls with steering wheel-mounted illuminated controls	S	S	S	S	S
Cruise control with steering wheel-mounted illuminated controls	--	S	S	S	S
Delayed courtesy lights (dual map & dome lights)	--	S	S	S	S
Driver and passenger-side covered visor vanity mirror with ticket holder	S	S	S	S	S
Front dual map lights & driver/passenger illuminated vanity mirrors	--	--	S	S	S
Front side-window demisters	S	S	S	S	S
Illuminated driver-side power window switches	--	S	S	S	S
Illuminated glove compartment, ignition keyhole	S	S	S	S	S
Manual window control	S	--	--	--	--
Power with driver-side one-touch down feature w/ Piano Black trim panel	--	S	S	S	S
Power door lock switches - driver's-side & front passenger-side	--	S	S	S	S
Power door locks with 2-stage unlocking	--	S	S	S	S
Centralized door locking feature – driver's & front passenger's-side	--	S	S	S	S
Rear view mirror, day/night	S	S	S	S	S
Remote keyless illuminated entry system w / "answer back" feature	--	S	S	S	S
Remote fuel door, hood and trunk release	S	S	S	S	S
Cargo area light	S	S	S	S	S
<b>Storage</b>					
Glove compartment with illumination & lock	S	S	S	S	S
Center console armrest with covered dual storage compartments	S	S	S	S	S
Driver and passenger-side covered visor vanity mirror with ticket holder	S	S	S	S	S
Driver's side storage bin	S	S	S	S	S
Front door storage pockets with bottle holders	S	S	S	S	S
Front seatback map pocket (driver's side only)	S	S	S	S	S
Dual front cup holders with lid	S	S	S	S	S
Rear-door bottle holders	S	S	S	S	S
Dual rear cup holders integrated in armrest	S	S	S	S	S
<b>Seating &amp; Trim</b>					
5-passenger seating capacity	S	S	S	S	S
Cloth seats – beige or black	S	S	--	--	--
Cloth seats – black or gray	--	--	S	S	--

Leather-trimmed seats	--	--	--	--	\$
Driver's seat with manual adjustable lumbar support	--	\$	\$	\$	\$
8-way power adjustable driver's seat	--	--	--	--	\$
Heated front driver and passenger seats	--	--	--	--	\$
Reclining front sport bucket seats	\$	\$	\$	\$	\$
60/40 split fold-down rear seat	\$	\$	\$	\$	\$
Leather-wrapped shift knob (M/T and optional A/T)	--	\$	\$	\$	\$
Shift knob – urethane (M/T and optional A/T)	\$	--	--	--	--
Center floor console trim – piano black	\$	\$	\$	\$	\$
Door trim, cloth – beige or black	\$	\$	--	--	--
Door trim, cloth – black or sand	--	--	\$	\$	--
Door trim, black synthetic leather	--	--	--	--	\$
Floor mats, front and rear – carpeted	\$	\$	\$	\$	\$
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 or two-tone beige/black	\$	\$	--	--	--
Scuff plates	\$	\$	\$	\$	\$
<b>Audio/Entertainment/Navigation Systems</b>					
AM/FM/CD MP3-compatible audio system with digital clock	\$	\$	\$	\$	\$
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	\$	\$	\$	\$	\$
Auxillary jack for portable media devices	\$	\$	\$	\$	\$
Bose® premium audio system (222W digital amplifier, 7 speakers)	--	--	--	--	□
In-Dash 6-Disc MP3 CD Changer	--	□	□	□	□
DVD navigation system**	--	--	--	--	□
SIRIUS Satellite Radio-compatible audio system††	\$	\$	\$	\$	\$
<b>Instrumentation</b>					
Center instrument panel display (audio & clock)	\$	\$	\$	\$	\$
Engine coolant temperature gauge	\$	\$	\$	\$	\$
Red nighttime illumination gauges	\$	\$	--	--	--
Gauges & controls illumination with manual dial type dimming control	\$	\$	\$	\$	\$
Black with white lettering gauges	\$	\$	--	--	--
Electroluminescent gauges with white & blue nighttime illumination	--	--	\$	\$	\$
Tachometer	\$	\$	\$	\$	\$
Trip Computer, four-function including current and average fuel economy, distance-to-empty, and average vehicle speed	--	--	--	--	\$
Trip odometers, resettable (2)	\$	\$	\$	\$	\$
<b>Interior Dimensions</b>					
Headroom, front/rear without Moonroof (inches)	39.1/37.4				
Headroom, front/rear with Moonroof (inches)	38.1/37.0				
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				



# 2009 MAZDA3 4-Door



## Safety

S standard  
 □ option  
 -- not available

2009 MAZDA3 4-Door	i Sport	i Touring Value	s Sport	s Touring	s Grand Touring
<b>Safety</b>					
Triple-H construction	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
3-point safety belts for all seating positions (2 front; 3 rear)	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
5-mph bumpers	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
Advanced dual front air bags, side-impact air curtains with third-row coverage, and front-seat mounted side-impact air bags††	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
Side-impact door beams – front and rear	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
Child-safety rear door locks	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
Collapsible steering column (following air bag deployment)	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
Fold-away brake pedal assembly	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
Engine immobilizer anti-theft system	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
Front safety-belt pretensioners with force limiters	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
Height adjustable front shoulder belt B-pillar anchors	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
Horn – single type	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
Keyless remote panic button feature (on key fob)	--	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
LATCH rear seat child safety-seat lower anchors & upper tethers	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
Theft-deterrent security system	--	--	--	--	<span style="border: 1px solid black; padding: 0 2px;">S</span>
Tire Pressure Monitoring System (TPMS)	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
Trunk entrapment release system	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
Trunk lid opener cancel system (trunk latch type)	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
Power assist; Anti-lock Brake System (ABS) w/ Electronic Brakeforce Distribution (EBD) & Brake Assist	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
Dynamic Stability Control (DSC)*** and Traction Control System (TCS)	--	--	--	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
Whiplash-reducing front seat headrests	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>

## 2009 MAZDA3 4-Door



### Options & Packages

S standard □ option -- not available

2009 MAZDA3 4-Door	i Sport	i Touring Value	s Sport	s Touring	s Grand Touring
Air conditioning with ambient temperature gauge and pollen filter	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>	<span style="border: 1px solid black; padding: 0 2px;">S</span>
Moonroof and 6CD changer (MP3 Compatible)	--	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>	--
Moonroof, 6CD changer with BOSE Audio system (MP3 Compatible)	--	--	--	--	<span style="border: 1px solid black; padding: 0 2px;">□</span>
Navigation system w/Sirius Satellite Radio w/6 Month Subscription	--	--	--	--	<span style="border: 1px solid black; padding: 0 2px;">□</span>
Crystal White Paint	--	--	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>	<span style="border: 1px solid black; padding: 0 2px;">□</span>

\* MSRP includes destination charges but excludes tax, title and license fees. Destination charges may vary in Alaska and Hawaii. Vehicles displayed may contain optional equipment at additional costs. Actual dealer price may vary.

† Power figures are lower in Partial Zero Emission Vehicle (PZEV) states including CA, CT, MA, ME, NJ, NY, OR, PA, RI, VT and WA.

‡ EPA-estimated mileage. Actual results may vary.

\*\* SIRIUS Satellite Radio w/ free 6-month subscription included with navigation system on the Grand Touring trim.

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

‡‡ 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.