

2008 MAZDA3 5-Door



Engine & Mechanical



S Standard
 P Package Option
 Q Stand-Alone Option
 R Dealer Installed Accessory
 X Not Available

2008 MAZDA3 5-Door

s Sport

s Touring

s Grand Touring

ENGINE

Engine type	Type-L3X 2.3L DOHC 16-valve 4-cylinder with VVT and balance shafts (2)
Horsepower	156 @ 6500 rpm (PZEV = 151 @ 6500 rpm)
Torque (lb.-ft.)	150 @ 4500 rpm (PZEV = 149 @ 4500 rpm)
Redline	6500 rpm
Displacement (cubic inches/cc)	137.9/2260
Bore x Stroke (inches/mm)	3.44 x 3.70/87.5 x 94.0
Compression ratio	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
Cylinder heads	Aluminum alloy

DRIVETRAIN

Type	FWD
Transmission (MT)	5-speed manual
Transmission (AT)	5-speed electronically-controlled Sport AT
Clutch type	Single dry plate with diaphragm spring Torque converter with electronic lockup
Ratios	<u>2.3L MT</u>
1st	3.307
2nd	1.842
3rd	1.31

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4th		0.97	
5th		0.755	
Reverse		3.166	
Final drive		4.105	
<u>2.3L SPORT AT</u>			
1st		3.62	
2nd		1.925	
3rd		1.285	
4th		0.933	
5th		0.692	
Reverse		3.405	
Final drive		3.863	

FUEL ECONOMY

EPA Mileage (city/highway)*

Manual transmission	22/29
Automatic transmission	22/29

* These estimates reflect new EPA methods beginning with 2008 models

CHASSIS

Body type	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)
Steering wheel turns-to-lock	2.9
Turning circle, curb-to-curb (feet/m)	34.1/10.4
Braking system	Power assist; Anti-lock Brake System (ABS) w/ Electronic Brakeforce Distribution (EBD) & Brake Assist
Front brakes	Ventilated discs, 11.8 inches (2.3L)

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Rear brakes	Solid discs, 11.0 inches (2.3L)		
Parking brake	Mechanical, hand-operated on rear wheels		
Wheels	6.5J x 17"		
Wheel offset (mm)	52.5		
Tires	P205/50 R17 V-rated all-season		

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Exterior Features

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EXTERIOR FEATURES

Antenna, roof-mounted (short mast-type)	S	S	S
Back-up lights – clear-lens with silver-color bezels	S	S	S
Brake light – high-mount, interior-type (top of rear window)	S	S	S
Bumpers – body-color sport type (front & rear)	S	S	S
Door handles – body-color	S	S	S
Fuel door – body-color	S	S	S
Headlights – clear-lens halogen	S	S	✕
Headlights – automatic on/off	✕	✕	S
Headlights – Xenon (Low Beam, High-Intensity Discharge – HID), manual-leveling type	✕	✕	S
Headlight bezels – with (3) silver-color	S	S	S
Headlight housing – black treatment	S	S	S
Fog lights – clear-lens halogen	S	S	S
Mirrors, dual power remote mirrors – body-color, folding-type	S	S	S
Rear bumper reflectors – integrated-type (4)	S	S	S
Roof molding – black	S	S	S
Side repeater lights – white-lens oval type	S	S	S
Side moldings, protective body-color	S	S	S
Side sill extensions	S	S	S
Spoiler, rear roof-end spoiler (body-color)	S	S	S
Taillights – clear-lens with (3) silver-color bezels	S	S	✕
Taillights – clear-lens with LED	✕	✕	S
Windshield wipers, 2-speed with variable-intermittent	S	S	✕
Windshield wipers, automatic rain-sensing (adjustable sensitivity) with 2-speed and variable-intermittent	✕	✕	S
Windshield wipers, 1-speed with fixed-intermittent (rear)	S	S	S

EXTERIOR DIMENSIONS

Wheelbase (inches)	103.9
Track, Front (inches)	60.2

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Track, Rear (inches)	59.6
Length (inches)	176.8
Width (inches)	69.1
Height, unladen (inches)	57.7
Minimum Ground Clearance, laden (inches)	4.8
Weight Distribution, % front:rear	60/40

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COMFORT & CONVENIENCE

12-volt power outlet in center console (1)	S	S	S
Air Conditioning with pollen filter	S	S	S
Ambient (outside) temperature display	S	S	S
Automatic climate control system with display	X	X	S
Cargo area light	S	S	S
Center console armrest with covered dual storage compartments	S	S	S
Cruise control with steering wheel-mounted controls – illuminated	S	S	S
Cup holders, rear door bottle holders (without storage pockets)	S	S	S
Cupholders, dual front with lid	S	S	S
Cupholders, dual rear (integrated in armrest)	S	S	S
Delayed courtesy lights (dual map & dome lights)	S	S	S
Driver-side covered visor vanity mirror with ticket holder	S	S	S
Front dual map lights & illuminated driver/passenger vanity mirrors	S	S	S
Front side-window demisters	S	S	S
Heater/defroster with multiple speed fan	S	S	S
Illuminated driver-side power window switches	S	S	S
Illuminated glove compartment, ignition keyhole	S	S	S
Moonroof, power sliding-glass ("one-touch" open feature) with interior sunshade	Q	Q	Q
Passenger-side covered visor vanity mirror with ticket holder	S	S	S
Power door lock switches – driver's-side & front passenger-side	S	S	S
Power door locks with 2-stage unlocking	S	S	S
Rear heater ducts, window defogger	S	S	S
Rearview mirror, day/night	S	S	S
Remote fuel door release, hood release	S	S	S
Steering column, tilt & telescopic	S	S	S
Steering wheel, 3-spoke leather-wrapped	X	X	S
Steering wheel, 3-spoke urethane	S	S	X
Steering wheel-mounted audio controls – illuminated	S	S	S
Storage bin – driver's side	S	S	S

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Storage pockets, front door with bottle holders	IN	IN	IN
Storage, front seatback map pocket (driver's side only)	IN	IN	IN
Storage, glove compartment with illumination & lock	IN	IN	IN
Windows, power with driver-side one-touch down feature	IN	IN	IN

SEATING

5-passenger seating capacity	IN	IN	IN
60/40 split fold-down rear seat	IN	IN	IN
Center floor console trim – black	IN	IN	IN
Door trim, cloth – black or sand	IN	IN	✗
Door trim, black synthetic leather	✗	IN	IN
Floor mats, front and rear – carpeted	IN	IN	IN
Floor-mounted gear shift lever (M/T and Optional A/T)	IN	IN	IN
Full cargo area trim	IN	IN	IN
Full carpeting	IN	IN	IN
Interior trim color: black or sand	IN	IN	IN
Molded cloth door trim – front and rear	IN	IN	✗
Molded cloth headliner	IN	IN	IN
Parking brake handle, urethane w/ silver-color release button	IN	IN	IN
Scuff plates – urethane type	IN	IN	IN
Seats, cloth – black or sand	IN	IN	✗
Seats, leather – black	✗	IN	IN
Seats, driver's seat lifter (lever-type) with manually adjustable lumbar support	IN	IN	IN
6-way power adjustable driver's seat	✗	✗	IN
Seats, heated front seats (driver and passenger)	✗	✗	IN
Seats, reclining front bucket seats – sport-type	IN	IN	IN
Shift knob – leather-wrapped (M/T and Optional A/T)	IN	IN	IN

AUDIO / ENTERTAINMENT / NAV

AM/FM/CD audio system with digital clock	IN	IN	IN
6-speaker sound system (includes 2 tweeters)	IN	IN	IN
Audio system Automatic Level Control (ALC) – 1/2/3 & off settings	IN	IN	IN
Auxiliary jack for portable media devices	IN	IN	IN
Bose premium audio system (222W digital amplifier, 7 speakers)	✗	✗	IN
In-dash 6-disc CD MP3 changer (modular audio)	IN	IN	IN
Navigation system – DVD*	✗	✗	IN
Satellite radio-compatible audio system (requires additional dealer-installed hardware)	IN	IN	IN

INSTRUMENT PANEL

Center instrument panel display (audio & clock)	Ⓢ	Ⓢ	Ⓢ
Engine coolant temperature gauge	Ⓢ	Ⓢ	Ⓢ
Gauge illumination dimming control button (number illumination only)	Ⓢ	Ⓢ	Ⓢ
Gauges & controls illumination dimming control – dial-type	Ⓢ	Ⓢ	Ⓢ
Gauges, electroluminescent (black-out type) with red & 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)	Ⓢ	Ⓢ	Ⓢ

INTERIOR DIMENSIONS

Headroom, front/rear without moonroof (inches)	39.1/38.4
Headroom, front/rear with moonroof (inches)	38.2/38.3
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

CAPACITIES

Cargo volume (cubic feet)	17.1
Cargo volume, rear seats down (cubic feet)	43.8

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*Factory SAT radio w/6-month subscription included with Navigation system (Grand Touring Model)

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Safety & Security

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SAFETY

Triple-H construction	S	S	S
3-point safety belts for all seating positions (2 front; 3 rear)	S	S	S
5-mph bumpers	S	S	S
Advanced dual front air bags (SRS) – with crash-zone & driver's seat position/passenger weight sensors (Mazda Advanced Restraint System)	S	S	S
Child-safety rear door locks	S	S	S
Collapsible steering column (following air bag deployment)	S	S	S
"Crushable" brake pedal	S	S	S
Dual front side-impact air bag supplemental restraint system (SRS) – front seat-mounted (front coverage)	S	S	S
Engine immobilizer anti-theft system	S	S	S
Front safety-belt pretensioners with force limiters	S	S	S
Height adjustable front shoulder belt "B" pillar anchors	S	S	S
Horn – single type	S	S	S
Keyless remote panic button feature (on key fob)	S	S	S
LATCH rear seat child safety-seat lower anchors & upper tethers	S	S	S
Side air curtains – front & rear coverage	S	S	S
Side-impact door beams – front and rear	S	S	S
Theft-Deterrent Security System	X	X	S
Tire Pressure Monitoring System (TPMS)	S	S	S
Whiplash-reducing front seat headrests	S	S	S
Dynamic Stability Control (DSC) and Traction Control System (TCS)	X	S	S

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* Always wear your safety belt and secure children in the rear seat.

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Options & Accessories

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Air conditioning with ambient temperature gauge and pollen filter	S	S	S
ABS with EBD and SAB / SAC	S	S	S
Moonroof and 6CD changer (MP3 Compatible)	□	□	✕
Moonroof, 6CD changer with BOSE Audio system (MP3 Compatible)	✕	✕	□
Navigation system w/Sirius Satellite Radio w/6 Month Subscription	✕	✕	□
Crystal White Paint	□	□	□

AUDIO / VISUAL ELECTRONICS

In-dash 6-disc CD changer, MP3 compatible	□ A	□ A	□ A
Remote engine start (A/T only)	□ A	□ A	□ A
SIRIUS Satellite radio w/6 month subscription (N/A AK & HI)	□ A	□ A	□ A

EXTERIOR FEATURES

Front air dam	□ A	□ A	□ A
Door edge guards	□ A	□ A	□ A
Fuel-filler door, pearl satin	□ A	□ A	□ A
Moonroof wind deflector	□ A	□ A	□ A
Rear bumper guard	□ A	□ A	□ A
Wheel locks	□ A	□ A	□ A

INTERIOR FEATURES

Cargo mat	□ A	□ A	□ A
Cargo net	□ A	□ A	□ A
Cargo tray	□ A	□ A	□ A
Floor mats, All-Weather	□ A	□ A	□ A
Compass/AutoDim Mirror	□ A	□ A	□ A
Compass/AutoDim Mirror with Homelink®	□ A	□ A	□ A

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