

2009 MAZDASPEED3



Engine & Mechanical



2009 MAZDASPEED3

Sport / Grand Touring

ENGINE

Engine type	2.3L Direct-Injection Spark Ignition (DISI) turbocharged 4-cylinder engine
Peak horsepower	263 @ 5500 RPM
Torque (lb.-ft.)	280 @ 3000 RPM
Redline	6500
Displacement (cubic inches)	137.9
Bore x stroke (inches)	3.44 x 3.70
Compression ratio	9.5:1
Required fuel	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

FUEL ECONOMY

EPA, city / highway*	18/ 26
Required Fuel-Premium Unleaded	91 octane

* EPA-estimated mileage. Actual results may vary.

DRIVETRAIN

Type	FWD
Transmission (MT)	6-speed manual
Ratios	<u>2.3L MT</u>
1st	3.538
2nd	2.238
3rd	1.535
4th	1.171
5th	1.085
6th	0.853
Reverse	3.831
Final Drive	1-4th: 3.941 5-6th: 3.350

CHASSIS

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	Hydraulic Power Assist Steering (HPAS)
Steering wheel, turns-to-lock	2.7
Turning circle, curb-to-curb (feet/m)	36.1/11.0
Braking system	Power assist, Anti-lock Brake System (ABS) w/Electronic Brakeforce Distribution (EBD) & Brake Assist
Front disc brakes, ventilated	12.6 inches
Rear disc brakes, solid	11.0 inches
Curb weight (lbs)	3153

TIRES & WHEELS

Wheels	18-inch aluminum alloy wheel
Tires	P215/45R18 93Y summer radials

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Exterior Features

S Standard
 P Package Option
 □ Stand-Alone Option
 F Dealer Installed Accessory
 ✕ Not Available

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EXTERIOR FEATURES

Fog lights	S	S
Halogen headlights	S	✕
Xenon headlights with auto on/off	✕	S
MAZDASPEED (front & rear) body-color bumpers	S	S
Dual power remote body-color mirrors	S	S
Side repeater lights – white oval lens	S	S
Protective body-color side moldings	S	S
Side sill extensions	S	S
Clear-lens taillights with (3) silver-color bezels	S	✕
Clear-lens back-up lights with silver-color bezels	S	S
LED taillights with clear lens	✕	S
Windshield wipers, 2-speed with variable-intermittent	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
Unique MAZDASPEED rear roof spoiler with integrated brake lamp	S	S
18-inch aluminum alloy wheels	S	S
P215/45R18 93Y high performance summer radials	S	S

EXTERIOR DIMENSIONS & CAPABILITIES

Wheelbase (inches)	103.9
Track, front (inches)	60.4
Track, rear (inches)	60
Length (inches)	176.8
Width (inches)	69.5
Height, unladen (inches)	57.7
Minimum ground clearance, laden (inches)	4.8
Weight distribution, % front: rear	60/40
Coefficient of drag (Cd)	0.32
Top speed (MPH) with speed limiter	155

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Interior Features

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 ✕ Not Available

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COMFORT & CONVENIENCE

Air Conditioning with pollen filter	S	S
Automatic climate control system with ambient outside temperature display	S	S
Center console armrest with covered dual storage compartments	S	S
Centralized power door locks - driver's & front passenger's-side with two stage unlocking feature	S	S
Cruise control with steering wheel-mounted illuminated controls	S	S
Cup holders, dual front with lid, Cup holders, dual rear (integrated in armrest), rear door bottle holders	S	S
Delayed courtesy lights (dual front map & dome lights)	S	S
Driver-side covered visor vanity mirror with ticket holder	S	S
Front side-window demisters	S	S
Heater/defroster with multiple speed fan	S	S
Illuminated driver-side power window switches	S	S
Rear heater ducts and window defogger	S	S
Rearview day/night mirror	S	S
Remote fuel door and hood release	S	S
Remote keyless illuminated entry system w/ "answer back" feature	S	S
3-spoke black leather-wrapped steering wheel with red stitching	S	S
Driver's side, front seatback map pocket, storage bin	S	S
Storage pockets and front door with bottle holders	S	S
Glove compartment with illumination and lock storage	S	S
Power windows with driver-side one-touch down feature	S	S

SEATING & TRIM

5-passenger seating capacity	S	S
60/40 split fold-down rear seat	S	S
Aluminum pedals	S	S
Removable rigid cargo area cover	S	S
MAZDASPEED piano black dash, door trim front and rear	S	S
MAZDASPEED front & rear floor mats	S	S
Leather-wrapped manual transmission shift knob	S	S

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Adjustable headrests – front & rear (all outboard seating positions)	S	S
MAZDASPEED black/red interior trim color	S	S
MAZDASPEED metal insert scuff plates	S	S
Unique MAZDASPEED black cloth seats	S	×
Unique MAZDASPEED Alcantara seat inserts with leather bolsters	×	S
6-way manual adjustable driver's seat with lumbar support	S	S
Reclining front bucket seats	S	S

AUDIO / ENTERTAINMENT / NAVIGATION SYSTEMS

AM/FM/CD audio system with digital clock	S	S
6-speaker sound system (includes 2 tweeters)	S	×
Audio system Automatic Level Control (ALC)	S	S
Auxiliary jack for portable media devices	S	S
Bose premium audio system (222W digital amplifier, 7 speakers)	×	S
In-Dash 6-Disc MP3 CD Changer	×	S
DVD navigation system†	×	□
Satellite radio-compatible audio system (requires additional dealer-installed hardware)	S	S

INSTRUMENT PANEL

Center instrument panel display (audio & clock)	S	S
Engine coolant temperature gauge	S	S
Electroluminescent MAZDASPEED gauges	S	S
Tachometer	S	S
Trip Computer, four-function including current and average fuel economy, distance-to-empty, and average vehicle speed	×	S
Trip odometers, resettable (2)	S	S

INTERIOR DIMENSIONS

Headroom, front/rear (inches)	39.1/38.4
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

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

Safety & Security

S Standard
 P Package Option
 □ Stand-Alone Option
 F Dealer Installed Accessory
 ✕ Not Available

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SAFETY & SECURITY

Triple-H construction	S	S
3-point safety belts for all seating positions (2 front; 3 rear)*	S	S
Advanced dual front air bags, side-impact air curtains, front-seat-mounted side-impact air bags	S	S
Side-impact door beams, front and rear	S	S
Collapsible steering column (following air bag deployment)	S	S
Fold-away brake pedal pedal assembly	S	S
Dual front side-impact air bag supplemental restraint system (SRS) – front seat-mounted (front coverage)	S	S
Engine immobilizer antitheft system	S	S
Front safety-belt pretensioners with force limiters	S	S
Height-adjustable front shoulder belt B-pillar anchors	S	S
Keyless remote panic button feature (on key fob)	S	S
LATCH rear seat child-safety-seat lower anchors & upper tethers	S	S
Side-impact door beams, front and rear	S	S
Theft-deterrent security system	✕	S
Tire-Pressure Monitoring System (TPMS)	S	S
Whiplash-reducing front seat headrests	S	S
Dynamic Stability Control (DSC) and Traction Control System (TCS)	S	S

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

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Options & Accessories

Standard Package Option Stand-Alone Option Dealer Installed Accessory Not Available

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OPTION PACKAGES

Navigation system w/Sirius Satellite Radio w/6 Month Subscription		
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