

2011 MAZDASPEED3

Engine & Mechanical



S Standard
 P Package Option
 Q Stand-Alone Option
 R Accessory



MAZDASPEED3 at a Glance



Engine Type

263-hp, MZR 2.3L Direct-Injection Spark Ignition (DISI) turbocharged 4-cylinder engine with 280 lb-ft of torque at 3000 rpm and Mazda Advanced Torque Management System



Drivetrain

Close-ratio 6-speed manual transmission, torque-sensing conical limited-slip differential, equal-length half shafts, MAZDASPEED-tuned suspension and brakes



Exterior Features

Functional hood scoop for turbo intercooler, MAZDASPEED rear spoiler, lightweight 18-inch aluminum-alloy wheels and high-performance Y-speed rated summer tires



Available Features

Standard dual-zone automatic climate control and Bluetooth® hands-free phone and audio capability†, available 265-watt Bose® audio system with 10 speakers, and compact navigation system

2011 MAZDASPEED3	Sport
Engine	
Engine type	2.3L DOHC DISI turbo 4-cylinder with VVT
Engine code	MZR-L3T
Horsepower	263 hp @ 5500 rpm
Torque	280 lb-ft @ 3000 rpm
Redline	6700 rpm
Displacement (cc)	2260
Bore x stroke (mm)	87.5 x 94.0
Compression ratio	9.5:1
Turbocharger	Warner-Hitachi K04 with air-to-air intercooler
Maximum turbo boost pressure	15.5 PSI
Engine management	Direct-Injection Spark Ignition (DISI) with Mazda Advanced Torque Management System
Fuel system	1600 PSI direct, in-cylinder injection
Required fuel	Premium unleaded (91 octane)
Ignition system	Direct coil-on-plug electronic ignition with platinum-tipped spark plugs
Valvetrain	Chain-driven dual overhead cams, 4 valves per cylinder with variable intake valve timing (VVT)
Engine block	Aluminum alloy with iron cylinder liners and piston-cooling oil jets
Cylinder head	Aluminum alloy with high-velocity cross-flow ports
Crankshaft	Forged steel
Connecting rods	Forged steel with full-floating wrist pins
Exhaust	Sport-tuned stainless steel exhaust system with chrome tips
Emission control type (Fed/Cal)	Tier2-BIN5/ULEV II
Fuel Economy	

EPA rating (city/hwy)‡	18/25
Drivetrain	
Type	Front-wheel drive (FWD) with equal-length drive shafts
Manual transmission	Close-ratio 6-speed with short-throw shifter
Gear ratios (:1)	
1st	3.21
2nd	1.91
3rd	1.37
4th	1.03
5th	0.95
6th	0.79
Reverse	3.46
Final drive	1st ~ 4th: 4.19 / 5th & 6th: 3.53
Limited-slip type	Torque-sensing conical limited-slip differential
Top speed (mph) with speed limiter	155
Chassis	
Brakes	4-wheel disc
- Front	12.6-inch vented disc
- Rear	11.0-inch solid disc with aluminum calipers
- ABS	4-wheel, 4-channel with Electronic Brakeforce Distribution (EBD) and Brake Assist
Steering type	Rack-and-pinion
Power assist	Electro-Hydraulic Power Assist Steering (EHPAS)
Overall steering ratio	16.2:1
Steering wheel turns, lock-to-lock	2.7
Turning circle diameter, curb-to-curb (ft)	36.1
Suspension	4-wheel independent
- Front	MAZDASPEED-tuned MacPherson strut
- Rear	MAZDASPEED-tuned E-type multilink
Stabilizer bar (front)	26mm solid
Stabilizer bar (rear)	25mm solid
Wheel size (in)	18 x 7.5
Tire size	P225/40R18 Y-speed rated high-performance summer tires
Tire manufacturer	Dunlop SP Sport 2050
Weights / Capacities / Aerodynamics	
Curb weight (lbs)	3272
Weight distribution	62/38
Fuel capacity (gallons)	15.9
Oil capacity (quarts)	6.0
Coefficient of drag (Cd)	0.32

Exterior

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2011 MAZDASPEED3	Sport
Body	
Halogen headlights	S
Self-leveling Bi-Xenon High-Intensity-Discharge (HID) headlights with auto on/off feature	□
Adaptive Front-lighting System (AFS)	□
Nagare-inspired illuminated headlight details	□
Halogen fog lights	S
Variable-intermittent windshield wipers	S
Rain-sensing windshield wipers	□
Intermittent rear wiper/washer	S
Dual power side mirrors with side marker turn-signal lights	S
Body-color door handles	S
Side sill extensions	S
Roof-mounted antenna	S
MAZDASPEED rear spoiler	S
Clear-lens taillights	S
Clear-lens LED taillights	□
Sport-tuned dual exhaust with chrome tips	S
Wheels & Tires	
18-inch aluminum-alloy wheels	S
225/40R18 93Y high-performance Y-speed rated summer tires	S
Temporary spare tire	S
Exterior Dimensions	
Wheelbase (in)	103.9
Track, front (in)	60.4
Track, rear (in)	60.0
Length (in)	177.6
Width (in)	69.7
Height (in) - (unladen)	57.5
Minimum ground clearance (in) - (laden)	4.7

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Interior

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2011 MAZDASPEED3	Sport
Comfort & Convenience	
Dual-zone automatic climate control with pollen filter	S
Power windows with driver's one-touch-down/up feature	S
Power door locks with 2-stage unlocking	S
Cruise control with steering-wheel-mounted controls	S
Bluetooth® hands-free phone and audio capability†	S
Remote keyless entry	S
Mazda Advanced Keyless Entry & Start System with push-button start	□
Manual day/night rearview mirror	S
Welcome lighting system	S
Tilt & telescopic steering wheel	S
Height-adjustable front shoulder-belt anchors	S
12-volt power outlet (2)	S
Cargo area light	S
Rear window defogger with timer	S
Storage	
Driver's-side in-dash storage bin	S
Front center console storage with dual cup holders	S
Sliding center console armrest	S
Overhead sunglasses holder	S
Front door storage pockets with bottle holders	S
Front passenger-side seatback pocket	S
Rear center armrest with cup holders	S
Rear door bottle holders	S
Removable cargo cover	S
Seating & Trim	
5-passenger seating	S
6-way manual driver's seat	S
4-way manual front passenger seat	S
60/40 split fold-down rear seatback	S
Leather- and cloth-trimmed red and black MAZDASPEED sport seats	S
MAZDASPEED red and black door and instrument panel trim	S
Leather-wrapped steering wheel with red stitching	S
Leather-wrapped shift knob — black with silver ring	S
Aluminum-alloy pedals and driver's footrest	S

MAZDASPEED door sill plates	
MAZDASPEED carpet floor mats	
Audio & Navigation	
AM/FM/CD/MP3-compatible stereo with 6 speakers	
265-watt Bose® Centerpoint® Surround Sound System with AudioPilot® 2, AM/FM stereo, in-dash 6-disc CD/MP3-compatible changer and 10 speakers	
SIRIUS Satellite Radio-compatible audio system**	
SIRIUS Satellite Radio with free 4-month subscription	
Auxiliary-audio input jack	
Steering-wheel-mounted audio controls	
Bluetooth® hands-free phone and audio capability†	
Compact navigation system with color display	
Instrumentation	
Speedometer, tachometer and fuel gauge	
Electroluminescent gauges	
Digital turbo boost gauge	
Dual trip odometers	
Center instrument panel display (air conditioning & audio)	
Multi-Information Display (MID)	
Color Multi-Information Display (MID)	
Interior Dimensions & Capacities	
Headroom, front/rear (in)	38.9/38.0
Shoulder room, front/rear (in)	54.9/54.0
Hip room, front/rear (in)	53.7/52.2
Legroom, front/rear (in)	42.0/36.2
EPA passenger volume (cu ft)	94.6
EPA cargo volume 2nd-row down (cu ft)	42.8
EPA cargo volume 2nd-row up (cu ft)	17.0

Safety & Security

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2011 MAZDASPEED3	Sport
Safety	
Advanced front air bags†† with seat belt-use, passenger-weight and driver's seat-position sensors	S
Front side-impact air bags and side-impact air curtains††	S
3-point seat belts for all seating positions	S
Front seat-belt pretensioners with force limiters	S
Active front headrests	S
Anti-lock Brake System (ABS) w/ Electronic Brakeforce Distribution (EBD) & Brake Assist	S
Dynamic Stability Control (DSC)‡‡ and Traction Control System (TCS)	S
Triple H body construction	S
Side-impact door beams	S
Collapsible steering column	S
Foldaway brake pedal assembly	S
Security	
Engine-immobilizer anti theft system	S
Anti theft alarm system	□
Keyless remote panic button (on key fob)	S
Automatic door locks (speed-sensitive and transmission-sensitive)	S
Tire-Pressure Monitoring System (TPMS)	S
LATCH child-safety-seat anchors & upper tethers	S
Child-safety rear door locks	S

2011 MAZDASPEED3 5-Door



Options & Packages

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2011 MAZDASPEED3	Sport
Packages	
MAZDASPEED Tech Package <ul style="list-style-type: none"> - Self-leveling Bi-Xenon High-Intensity-Discharge (HID) headlights - Adaptive Front-lighting System (AFS) - Nagare-inspired illuminated headlight details - Auto on/off headlights - Rain-sensing windshield wipers - Clear-lens LED taillights - 265-watt Bose® Centerpoint® Surround Sound System with AudioPilot® 2, AM/FM stereo, in-dash 6-disc CD/MP3-compatible changer and 10 speakers - SIRIUS Satellite Radio with free 4-month subscription - Compact navigation system with full-color display - Mazda Advanced Keyless Entry & Start System with push-button start - Anti-theft alarm system 	□
Exterior	
Chrome fuel-filler door	R
Wheel locks (set of 4)	□ / R
Interior	
All-weather floor mats	□ / R
SIRIUS Satellite Radio with free 4-month subscription	□ / R / P
Compass auto-dimming rearview mirror	R
Compass auto-dimming rearview mirror with HomeLink®	□ / R
Cargo net	□ / R

† The Bluetooth® system functions only with select manufactured devices. Please consult www.MazdaUSA.com/bluetooth for device compatibility.

‡ EPA-estimated mileage. Actual results may vary.

** 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 Owners Manual for further details.