

## 2012 MAZDASPEED3

### Engine & Mechanical



Standard
Package Option
Stand-Alone Option
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



##### INTERIOR FEATURES

Standard dual-zone automatic climate control, Bluetooth® hands-free phone and audio capability† and 265-watt Bose® audio system with 10 speakers. Available Compact navigation system and SiriusXM™ Satellite Radio with free 4-month subscription\*\*

2012 MAZDASPEED3	Touring
<b>Engine</b>	
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)	2261
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
<b>Fuel Economy</b>	
EPA rating (city/hwy)‡	18/25
<b>Drivetrain</b>	
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)	3281
Weight distribution	60/40
Fuel capacity (gallons)	15.9
Oil capacity (quarts)	6.0
Coefficient of drag (Cd)	0.32

## Exterior

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

2012 MAZDASPEED3	Touring
<b>Body</b>	
Halogen headlights	<span>S</span>
Self-leveling Bi-Xenon High-Intensity-Discharge (HID) headlights with auto on/off feature	<span>Q</span>
Adaptive Front-lighting System (AFS)	<span>Q</span>
Nagare-inspired illuminated headlight details	<span>Q</span>
Halogen fog lights	<span>S</span>
Variable-intermittent windshield wipers	<span>S</span>
Rain-sensing windshield wipers	<span>Q</span>
Intermittent rear wiper/washer	<span>S</span>
Dual power side mirrors with side marker turn-signal lights	<span>S</span>
Body-color door handles	<span>S</span>
Side sill extensions	<span>S</span>
Roof-mounted antenna	<span>S</span>
Mazdaspeed rear spoiler	<span>S</span>
Clear-lens taillights	<span>S</span>
Clear-lens LED taillights	<span>Q</span>
Sport-tuned dual exhaust with chrome tips	<span>S</span>
<b>Wheels &amp; Tires</b>	
18-inch aluminum-alloy wheels	<span>S</span>
225/40R18 88Y high-performance Y-speed rated summer tires	<span>S</span>
Temporary spare tire	<span>S</span>
<b>Exterior Dimensions</b>	
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

## Interior

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2012 MAZDASPEED3	Touring
<b>Comfort &amp; Convenience</b>	
Dual-zone automatic climate control with pollen filter	<span>S</span>
Power windows with driver's one-touch-down/up feature	<span>S</span>
Power door locks with 2-stage unlocking	<span>S</span>
Cruise control with steering-wheel-mounted controls	<span>S</span>
Bluetooth® hands-free phone and audio capability†	<span>S</span>
Remote keyless entry	<span>S</span>
Mazda Advanced Keyless Entry & Start System with push-button start	<span>Q</span>
Manual day/night rearview mirror	<span>S</span>
Welcome lighting system	<span>S</span>
Tilt & telescopic steering wheel	<span>S</span>
Height-adjustable front shoulder-belt anchors	<span>S</span>
12-volt power outlet (2)	<span>S</span>
Cargo area light	<span>S</span>
Rear window defogger with timer	<span>S</span>
<b>Storage</b>	
Driver's-side in-dash storage bin	<span>S</span>
Front center console storage with dual cup holders	<span>S</span>
Sliding center console armrest	<span>S</span>
Overhead sunglasses holder	<span>S</span>
Front door storage pockets with bottle holders	<span>S</span>
Front passenger-side seatback pocket	<span>S</span>
Rear center armrest with cup holders	<span>S</span>
Rear door bottle holders	<span>S</span>
Removable cargo cover	<span>S</span>
<b>Seating &amp; Trim</b>	
5-passenger seating	<span>S</span>
6-way manual driver's seat	<span>S</span>
4-way manual front passenger seat	<span>S</span>
60/40 split fold-down rear seatback	<span>S</span>
Leather- and cloth-trimmed red and black Mazdaspeed sport seats	<span>S</span>
Mazdaspeed red and black door and instrument panel trim	<span>S</span>
Leather-wrapped steering wheel with red stitching	<span>S</span>
Leather-wrapped shift knob — black with silver ring	<span>S</span>
Aluminum-alloy pedals and driver's footrest	<span>S</span>
Mazdaspeed door sill plates	<span>S</span>
Mazdaspeed carpet floor mats	<span>S</span>
<b>Audio &amp; Navigation</b>	
265-watt Bose® Centerpoint® Surround Sound System with AudioPilot® 2, AM/FM stereo, in-dash CD/MP3-compatible player and 10 speakers	<span>S</span>
SiriusXM Satellite Radio-compatible audio system**	<span>S</span>
SiriusXM Satellite Radio with free 4-month subscription	<span>Q</span>
Auxiliary-audio input jack	<span>S</span>
Steering-wheel-mounted audio controls	<span>S</span>
Bluetooth® hands-free phone and audio capability†	<span>S</span>
Compact navigation system with color display	<span>Q</span>
<b>Instrumentation</b>	
Speedometer, tachometer and fuel gauge	<span>S</span>
Digital turbo boost gauge	<span>S</span>
Dual trip odometers	<span>S</span>
Center instrument panel display (air conditioning & audio)	<span>S</span>
Multi-Information Display (MID)	<span>S</span>
Color Multi-Information Display (MID)	<span>Q</span>

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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2012 MAZDASPEED3	Touring
<b>Safety</b>	
Advanced front air bags†† with seat belt-use, passenger-weight and driver's seat-position sensors	<span>S</span>
Front side-impact air bags and side-impact air curtains††	<span>S</span>
3-point seat belts for all seating positions	<span>S</span>
Front seat-belt pretensioners with force limiters	<span>S</span>
Active front headrests	<span>S</span>
Blind Spot Monitoring (BSM) System	<span>Q</span>
Anti-lock Brake System (ABS) w/ Electronic Brakeforce Distribution (EBD) & Brake Assist	<span>S</span>
Dynamic Stability Control (DSC)†† and Traction Control System (TCS)	<span>S</span>
Triple H body construction	<span>S</span>
Side-impact door beams	<span>S</span>
Collapsible steering column	<span>S</span>
Foldaway brake pedal assembly	<span>S</span>
<b>Security</b>	
Engine-immobilizer antitheft system	<span>S</span>
Antitheft alarm system	<span>Q</span>
Keyless remote panic button (on key fob)	<span>S</span>
Automatic door locks (speed-sensitive and transmission-sensitive)	<span>S</span>
Tire-Pressure Monitoring System (TPMS)	<span>S</span>
LATCH child-safety-seat anchors & upper tethers	<span>S</span>
Child-safety rear door locks	<span>S</span>



Packages & Options

		Standard	Package Option	Stand-Alone Option	Accessory
2012 MAZDASPEED3		Touring			
Packages					
Mazdaspeed Tech Package					
<ul style="list-style-type: none"><li>- Self-leveling Bi-Xenon High-Intensity-Discharge (HID) headlights</li><li>- Adaptive Front-lighting System (AFS)</li><li>- Nagare-inspired illuminated headlight details</li><li>- Auto on/off headlights</li><li>- Blind Spot Monitoring (BSM) System</li><li>- Rain-sensing windshield wipers</li><li>- Clear-lens LED taillights</li><li>- SiriusXM Satellite Radio with free 4-month subscription</li><li>- Compact navigation system with full-color display</li><li>- Mazda Advanced Keyless Entry &amp; Start System with push-button start</li><li>- Antitheft alarm system</li></ul>					
Exterior					
Chrome fuel-filler door					
Wheel locks (set of 4)					
Interior					
All-weather floor mats					
SiriusXM Satellite Radio with free 4-month subscription					
Compass auto-dimming rearview mirror					
Compass auto-dimming rearview mirror with HomeLink®					
Cargo net					

## Warranty

Every new Mazda comes with a comprehensive limited warranty that provides coverage in the unlikely event a repair is needed in the first years after your vehicle's purchase. We'll be right there with you all the time, wherever you go by providing warranty coverage and roadside assistance so that the total enjoyment of driving a Mazda never stops.

2012 Mazda Vehicles:  
Mazda Limited Warranty Coverage:

3-year/36,000-mile*	"Bumper-to-Bumper" Limited Warranty
5-year/60,000-mile*	Limited Powertrain Warranty
3-year/36,000-mile*	24/7 Roadside Assistance Program

\*Whichever comes first.

### BUMPER-TO-BUMPER LIMITED WARRANTY

Mazda warrants that new Mazda cars and trucks will be free of defects with normal use and prescribed maintenance for 36 months or 36,000 miles, whichever comes first. Ordinary maintenance items or adjustments, parts subject to normal wear and replacement and certain other items are excluded. This transferable "limited warranty" is included on all new Mazda vehicles sold and serviced in the United States.

### POWERTRAIN LIMITED WARRANTY

Mazda warrants that the [Powertrain Components](#) of new Mazda cars and trucks will be free of defects with normal use and prescribed maintenance for 60 months or 60,000 miles, whichever comes first. Ordinary maintenance items or adjustments, parts subject to normal wear and replacement and certain other items are excluded. This "limited warranty" is transferable during the warranty period on all new Mazda vehicles sold and serviced in the United States.

### 24/7 ROADSIDE ASSISTANCE

If Mazda vehicle is not driveable due to a warranted part failure during the coverage period of the New Vehicle Limited Warranty (36 months/36,000 miles), towing service will be covered to the nearest Mazda Dealer. In addition, if a Mazda vehicle is not driveable due to the failure of a warranted powertrain component, then towing service will be covered during the coverage period of the Powertrain Limited Warranty (60 months/60,000 miles).

Call 1-800-866-1998



Or [download](#) the free Mazda Assist mobile app to your iPhone®\*.

\* iPhone is a registered trademark of Apple Computer, Inc.

† The Bluetooth® system functions only with select manufactured devices. Please consult [www.MazdaUSA.com/bluetooth](http://www.MazdaUSA.com/bluetooth) for device compatibility.

‡ EPA-estimated mileage. Actual results may vary.

\*\* SiriusXM Satellite Radio-compatible audio system requires additional dealer-installed hardware and subscription.

†† Always wear your seat belt and deactivate the passenger air bag when using a child- or infant-restraint system.

‡‡ 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.