

2008 MAZDASPEED3



Engine & Mechanical



2008 MAZDASPEED3

Sport / Grand Touring

ENGINE

Engine type	Type-L3T 2.3L Direct Injection Spark Ignition (DISI) Turbocharged 16-valve 4-cylinder
Peak horsepower	263 @ 5500 RPM
Torque (lb.-ft.)	280 @ 3000 RPM
Redline	6500
Displacement (cubic inches/cc)	137.9/2260
Bore x stroke (inches/mm)	3.44 x 3.70/87.5 x 94.0
Compression ratio	9.5:1
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

DRIVETRAIN

Type	FWD
Transmission (MT)	6-speed manual
Ratios	2.3L MT
1st	3.538
2nd	2.238
3rd	1.535
4th	1.171

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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	Electro-Hydraulic Power Assist Steering (EHPAS)
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 brakes, ventilated	12.6 inches
Rear brakes, solid	11.0 inches
Curb weight (lbs)	3153(PZEV-3153)

TIRES & WHEELS

Tires	P215/45R18 93Y summer radials
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Wheels	7.0J x 18"
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Exterior Features

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

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EXTERIOR FEATURES

18-inch aluminum alloy wheels		
P215/45R18 93Y high performance summer radials		
Unique MAZDASPEED rear roof spoiler with integrated brake lamp		
Automatic on/off headlights		
Xenon High-Intensity Discharge (HID) headlights- (low beam, manual leveling)		
Halogen clear-lens headlights		
Clear back-up lights with silver bezels		
MAZDASPEED (front & rear) body color bumpers		
Headlight with (3) silver bezels and black housing treatment		
Clear-lens halogen fog lights		
Dual power remote body color mirrors		
Integrated rear bumper reflectors		
Oval white lens side repeater lights		
Protective body-color side moldings		
Side sill extension		
Clear taillights-lens with (3) silver bezels		
LED taillights with clear-lens		
Windshield wipers, 2-speed with variable-intermittent		
Windshield wipers, Automatic rain-sensing (adjustable sensitivity) with 2-speed and variable-intermittent		
Windshield wipers, 1-speed with fixed-intermittent (rear)		

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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COMFORT & CONVENIENCE

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

SEATING

















5-passenger seating capacity		
60/40 split fold-down rear seat		
Aluminum pedals		
Removable rigid cargo area cover		
MAZDASPEED door trim front and rear		
MAZDASPEED front & rear floor mats		
Leather-wrapped manual transmission shift knob		
Adjustable headrests- front & rear (all outboard seating positions)		
MAZDASPEED black/red interior trim color		
MAZDASPEED metal insert scuff plates		
MAZDASPEED seats, black cloth		

Interior Features













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MAZDASPEED seats, black cloth with leather bolsters		
6 way manual adjustable driver's seat with lumbar support		
Reclining front bucket seats		

AUDIO / ENTERTAINMENT / NAVIGATION SYSTEMS

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

INSTRUMENT PANEL

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





































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Safety & Security

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SAFETY & SECURITY

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

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