



# 2009 MAZDA B-SERIES TRUCK SPECIFICATION DECK

ISSUE DATE: 7/21/08  
Version 2009.1

## **PRODUCTION TIMING:**

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Job #1: August, 2008

## **LINEUP:**

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**B2300 REGULAR CAB**  
**B4000 CAB PLUS 4**

<b>CONTENTS:</b>	<b>Page(s)</b>
Product Changes	2
Product Summary	3
Equipment & Features	4-5
Packages & Options	6
Accessories	7
Color & Trim	8
Specifications	9-10

## 2009 MAZDA B-SERIES TRUCK PRODUCT CHANGES

### OVERVIEW

The 4.0L Cab Plus 4X4 SE model has been eliminated for the '09MY. The 2.3L and base 4X4 4.0L models are carryover from '08MY. Only 4 exterior colors will be offered.

### MODEL / SERIES / AVAILABILITY

- Delete 4.0L Cab Plus 4X4 SE model

### EXTERIOR CHANGES

- **Colors Added:**

None

- **Colors Deleted:**

Pueblo Gold  
Vista Blue  
Volcanic Red  
Mystic Black

### INTERIOR CHANGES

- AM/FM radio with 4 presets ilo 6 presets (supplier change)

### FUNCTIONAL CHANGES

- Trailer Hitch III standard all models
- Maximum payload and GVWR changes on B2300
- GVWR adjustment on B4000

### SAFETY CHANGES

- No changes for 2009

### NEW PACKAGE / OPTION CHANGES

- No changes for 2009

### Product Changes and Features Availability

*Features, options and package content subject to change.*

***Bold indicates new since last version***

## 2009 MAZDA B-SERIES TRUCK PRODUCT SUMMARY

<i>B2300 Regular Cab</i>	<i>B4000 Cab Plus 4</i>
	●  <i>(in addition to/in place of B2300 Reg Cab)</i>
<p><b><u>Functional / Powertrain</u></b></p> <ul style="list-style-type: none"> <li>● 2.3L DOHC 16-valve I-4</li> <li>● 5 - Speed Manual Transmission (standard)</li> <li>● Power-assist front disc/rear drum brakes</li>   <li>● Antilock braking system (ABS)</li>   <li>● Power assisted rack-and-pinion steering</li> <li>● Front independent multi-link suspension with coil springs</li> <li>● Rear solid axle with leaf springs</li> <li>● Front Stabilizer bar</li> <li>● 16.5 gallon fuel tank</li> <li>● Wiring harness, Trailer towing, 4 Pin</li> </ul> <p><b><u>Exterior</u></b></p> <ul style="list-style-type: none"> <li>● 7 Spoke Silver Painted Steel wheels</li> <li>● P225/70R15 All season OWL tires</li> <li>● Black front Grille</li> <li>● Chrome Mazda Logo</li> <li>● Black folding manual mirrors</li> <li>● Tailgate, Quick release</li> <li>● Halogen headlights; free-surface reflector;</li> <li>● Tie down Hooks, 4 - cargo box</li> <li>● Front &amp; Rear Mudflaps</li> <li>● Front &amp; Rear step bumper, Black</li> <li>● Limited Service (Mini) Spare</li> <li>● Spare Tire lock</li> </ul> <p><b><u>Interior</u></b></p> <ul style="list-style-type: none"> <li>● 3 Passenger seating</li> <li>● Cloth w/piping 60/40 Split bench seat</li> <li>● Vinyl flooring, black</li> <li>● AM/FM Stereo w/ 2 speakers</li> <li>● 3-point seatbelts with ELR and adjustable front seatbelt anchors</li> <li>● Advanced dual front air bags</li> <li>● Instrument panel w/ black face and silver trim</li> </ul>	<p><b><u>Functional / Powertrain</u></b></p> <ul style="list-style-type: none"> <li>● 4.0L SOHC V6</li> <li>● Raised 4x4 suspension</li> <li>● 4 wheel drive with Shift on the Fly and dual range transfer case</li> <li>● Front independent multi-link suspension with Torsion bars</li> <li>● 2 rear doors, rear hinged</li> <li>● 19.5 gallon fuel tank</li>   <li>● Engine immobilizer</li> </ul> <p><b><u>Exterior</u></b></p> <ul style="list-style-type: none"> <li>● P235/75R 15 All Terrain OWL tires</li> <li>● Limited Service Spare</li> <li>● Black Wheel Lip Moldings</li> </ul> <p><b><u>Interior</u></b></p> <ul style="list-style-type: none"> <li>● Rear jump seats</li> <li>● Color keyed Carpet</li> <li>● CFC-Free Air Conditioning</li> </ul>
<p><b>Product Changes and Features Availability</b> Features, options and package content subject to change.</p>	

## 2009 MAZDA B-SERIES TRUCK EQUIPMENT AND FEATURES

	<i>B2300 Regular Cab</i>	<i>B4000 Cab Plus 4</i>
<b>POWERTRAIN</b>		
2.3L DOHC 16-valve 4-cylinder engine	Std.	--
4.0L SOHC 12-valve V6 engine	--	Std.
Stainless steel exhaust system -- single outlet	Std.	Std.
4-wheel drive system with dual-range transfer case	--	Std.
5-speed manual transmission with floor mounted shifter	Std.	Std.
5-speed electronic automatic transmission with column mounted shifter	Opt.	Opt.
Limited slip differential	--	--
Skid plates, fuel tank and transfer case	--	--
<b>SUSPENSION / STEERING</b>		
Power-assisted rack and pinion steering	Std.	Std.
Independent double-wishbone suspension	Std.	--
Raised independent double-wishbone suspension	--	Std.
Front suspension, double wishbone with coil springs	Std.	--
Front suspension, raised double wishbone with torsion bar springs	--	Std.
Rear suspension, leaf spring	Std.	--
Rear suspension, raised leaf spring	--	Std.
Stabilizer bar, front	Std.	Std.
<b>BRAKES</b>		
Power-assisted front ventilated disc brakes with rear drum brakes	Std.	Std.
Anti-lock braking system (ABS)	Std.	Std.
<b>TOWING</b>		
Trailer hitch receiver (Class III frame mounted)	Std.	Std.
Trailer hitch cover	DIO	DIO
Trailer towing wiring harness	Std.	Std.
Front tow hooks	--	--
<b>EXTERIOR FEATURES</b>		
Door handles, black	Std.	Std.
Bumpers, black	Std.	Std.
Bumpers, chrome	Opt.	--
Bumper, rear step	Std.	Std.
Wheel-arch moldings, black	--	Std.
Front grille trim, black	Std.	Std.
Front grille, bright	Opt.	--
Cargo-bed tie down hooks	Std.	Std.
Bedliner	Opt.	Opt.
Front mudguards, black	Std.	--
Front mudguards, contoured	--	Std.
Rear mudguards, black	Std.	--
Rear mudguards, contoured	--	Std.
Wheels, 15-inch styled steel with 225/70R15 outline white letter all-season tires	Std.	--
Wheels, 15-inch styled steel with 235/75R15 all-terrain white letter tires	--	Std.
Wheels, 15-inch alloy with 225/70R15 all-terrain tires	Opt.	--
Spare tire, limited service	--	Std.
Spare tire, limited service (mini)	Std.	--
Spare tire, exterior lock	Std.	Std.
Headlights, clear-lens halogen	Std.	Std.
Fog lights, clear-lens halogen	DIO	DIO
Taillight cluster, tri-color	Std.	Std.
Windshield wipers, 2-speed variable-intermittent	Std.	Std.
Windshield, solar-control tinted glass with sunshade	Std.	Std.
Side mirrors, manual (black)	Std.	Std.
<b>INTERIOR FEATURES</b>		
Cloth-trimmed upholstery	Std.	Std.
Full carpeted floor covering	Opt.	Std.
Vinyl floor covering	Std.	--
Floor mats, front carpeted	Opt.	Std.
Door handles and window-switch panel, black	Std.	Std.
Steering wheel, urethane	Std.	Std.
Tilt steering column	Opt.	--
60/40 split bench front seat	Std.	Std.
Integrated head restraints, Pass/Driver seats	Std.	Std.
Fold-down center armrest w/storage	Std.	Std.
Fold-down rear jump seats	--	Std.
Manual windows	Std.	Std.
Heater/defroster with 4-speed blower	Std.	Std.
Air conditioning, CFC-free	Opt.	Std.

## 2009 MAZDA B-SERIES TRUCK EQUIPMENT AND FEATURES

	<i>B2300 Regular Cab</i>	<i>B4000 Cab Plus 4</i>
Demisters, front side-window	Std.	Std.
Center-dash panel trim, "circle check pattern"	Std.	Std.
12-volt power outlet	Std.	Std.
Cigarette lighter socket	Std.	Std.
Gauge cluster with tachometer, speedometer, odometer, and dual resettable trip odometers	Std.	Std.
Coolant temperature gauge	Std.	Std.
Warning lamps: parking brake, high-beam, check engine, oil pressure, battery charge, seatbelts, airbags, O/D off (A/T only), door ajar, low fuel	Std.	Std.
Gauges, black with white lettering	Std.	Std.
Floor console with dual cup holders	Std.	Std.
Remote hood release	Std.	Std.
Cruise control with steering-wheel-mounted controls	Opt.	--
Rearview mirror	Std.	Std.
Compass display/Auto-dimming rearview mirror	PIO	PIO
Compass / outside-temperature display, Auto-dimming rearview mirror	PIO	PIO
Sun visors, cloth covered	Std.	Std.
Glove compartment	Std.	Std.
Dome Light	Std.	Std.
<b>AUDIO FEATURES</b>		
AM/FM audio system with 2 speakers	Std.	Std.
AM/FM/CD audio system with 4 speakers and audio input jack	Opt.	--
Fixed fender-mounted radio antenna	Std.	Std.
<b>SAFETY FEATURES</b>		
Side-impact door beams, front	Std.	Std.
Advanced dual front air bags (SRS) - with crash-zone & driver's seat position/passenger weight sensors	Std.	Std.
Front safety-belt pretensioners with force limiters	Std.	Std.
3-point safety belts for outboard seating positions	Std.	Std.
Height adjustable front shoulder belt anchors	Std.	Std.
Passive Anti-theft System (Engine immobilizer)	--	Std.
Tire pressure monitor system	Std.	Std.

## 2009 MAZDA B-SERIES TRUCK PACKAGES AND OPTIONS

	<i>B2300 Regular Cab</i>	<i>B4000 Cab Plus 4</i>
<b>SE-5 Package</b> Wheels, 15-inch alloy with 225/70R15 all-terrain tires AM/FM/CD audio system with 4 speakers and audio input jack Air conditioning Bumpers, chrome Front grille, bright Tilt Steering Column Cruise control Full carpeted floor covering Floor mats, front carpeted	Opt.	--
<b>Automatic Transmission</b>	Opt.	Opt.
<b>Air Conditioning</b>	Opt.	Std
<b>Bucket Seats</b>	--	--
<b>Monochromatic Paint</b>	--	--

# 2009 MAZDA B-SERIES TRUCK

## Accessories

	<i>B2300 Regular Cab</i>	<i>B4000 Cab Plus 4</i>
<b>EXTERIOR</b>		
Bed extender	Opt.	Opt.
Soft Tonneau	Opt.	Opt.
Bedliner	Opt.	Opt.
Door Edge Guards (Color-Keyed)	Opt.	Opt.
<b>INTERIOR</b>		
Compass, Auto Dimming Mirror	Opt.	Opt.
Compass, Outside Temp, Auto Dimming Mirror	Opt.	Opt.

## 2009 MAZDA B-SERIES TRUCK COLOR AND TRIM

Interior Trim Type		<i>B2300 Regular Cab</i>	<i>B4000 Cab Plus 4</i>
	Medium Dark Flint	●	●
CODE	EXTERIOR COLOR		
26B	Dark Titanium	●	●
25W	Redfire	●	●
30A	Silver Metallic	●	●
14L	Classic White	●	●
<b>LEGEND:</b> ● = Available			



## 2009 MAZDA B-SERIES TRUCK SPECIFICATIONS

	<i>B2300 Regular Cab</i>	<i>B4000 Cab Plus 4</i>
<b>ENGINE</b>		
Engine Type	2.3L DOHC, 16-valve I4	4.0L SOHC, 12-valve V6
Horsepower, SAE net	143 @ 5250	207 @ 5250
Torque, SAE net (lb./ft.)	154 @ 3750	238 @ 3000
Bore x Stroke (inches)	3.45 x 3.70	3.95 x 3.35
Compression Ratio	9.7:1	9.0:1
Valvetrain	Dual overhead cam	Single overhead cam
Engine Block	Aluminum alloy	Iron
Cylinder Heads	Aluminum alloy	
<b>FUEL SYSTEM</b>		
Recommended Fuel	87 octane	
Emission Control	Single 3-way catalytic converter, 50 state	
Fuel injection	Electronic multiport	
Ignition System	Full transistor breakerless electronic	
<b>DRIVETRAIN</b>		
Type	Rear wheel drive	4x4
Clutch Type for Manual Transmission	Dry	
Transfer case ratio (low)	N/A	2.48
Transfer case ratio (high)	N/A	1
Gear Ratios, 5-speed automatic (:1)		
1st	2.47	
2nd	1.85	
3rd	1.47	
4th	1.00	
5th	0.75	
Final Drive	4.1	4.1
Gear Ratios, 5-speed manual (:1)		
1st	3.72	3.4
2nd	2.20	2.05
3rd	1.50	1.31
4th	1.00	1.00
5th	0.79	0.79
Final Drive	3.73	4.1
<b>CHASSIS</b>		
Body Type	Body on frame	
Front Suspension	Double wishbone with coil springs	Double wishbone with torsion bar springs
Rear Suspension	Solid Axle w/ Leaf Springs	
Steering Type	Rack-and-pinion	
Overall Steering Ratio	22.0 : 1	18.7:1
Turning Circle, Curb-to-Curb (feet)	37.7	43
Braking System	4-wheel power-assisted disc/drum brakes	
Front Brakes	10.3 in.	11.3 in.
Rear Brakes	9	10
Parking Brake	Activates rear drum shoes	
<b>TIRES &amp; WHEELS</b>		
Tires	225/70R15 All season	235/75R15 All terrain
Sidewall type	outline white lettering	outline white lettering
Wheels	15x6.5 styled steel	15x7 steel
Tire Brand	Continental	Goodyear
<b>INTERIOR DIMENSIONS</b>		
Headroom, front/rear (inches)	39.2	39.2 / 35.6
Shoulder Room, front/rear (inches)	54.5	53.8 / 15.3
Leg Room, front/rear (inches)	42.4	42.2 / 40.3
Hip Room, front (inches)	52.7	52.7
<b>EXTERIOR DIMENSIONS</b>		
Length (inches)	187.5	202.9
Width (inches)	69.4	70.3
Height (inches)	64.9	67.5

## 2009 MAZDA B-SERIES TRUCK SPECIFICATIONS

	<i>B2300 Regular Cab</i>	<i>B4000 Cab Plus 4</i>
Minimum Ground Clearance, (rear axle)	6.7	7.9
Front Bumper to rear of Cab	107.3	121.3
Back of Cab to end of Box	77.1	77.3
Cab to Centerline of Rear Axle	37.6	37.8
Frame Width (rear)	32.8	32.8
Cab Height (empty)	64.9	67.5
Cab Height (loaded)	62.0	65.2
Load Height @ cargo floor (empty)	28.5	31.0
Load Height @ cargo floor (loaded)	23.1	26.9
Front Overhang	33.3	33.3
Rear Overhang	42.6	42.5
Rear opening @ floor	52.0	52.0
Width between Wheel Houses	40.4	40.4
Maximum Box width @ floor	52.0	52.0
Inside length of Box @ floor	71.8	71.8
Inside Box Height	16.5	16.5
Coefficient of Drag (Cd)	0.49	0.49
Approach angle	21°	28°
Departure angle	15°	20°
Wheelbase (inches)	111.6	125.9
Track, front (inches)	58.6	58.6
Track, rear (inches)	57.3	57.3
<b>WEIGHTS</b>		
Base Curb Weight	2,999	3,662
GVWR (lbs.)	See Towing and Payload Chart	
<b>CAPACITIES</b>		
Oil (U.S. quarts)	3.8	4.7
Engine Coolant (U.S. quarts), MT/AT	10.5 / 10.2	13.7 / 13.2
Fuel Tank (gallons)	16.5	19.5
Passenger Volume, EPA (cubic feet)	52.6	63.7
EPA Vehicle Size Category	Compact truck	
<b>FUEL ECONOMY, EPA city/highway (mpg)</b>		
5-speed manual transmission	21 / 26	15 / 19
5-speed automatic transmission	19 / 24	14 / 18

## 2009 MAZDA B-SERIES TRUCK TOWING AND PAYLOAD

	<i>B2300 Regular Cab</i>	<i>B4000 Cab Plus 4</i>
<b>5-speed manual transmission</b>		
axle ratio	3.73	4.10
maximum payload	<b>1,200</b>	1,260
GVWR	<b>4,280</b>	<b>5,120</b>
maximum trailer weight	1,600	3,140
GCWR	4,800	7,000
<b>5-speed automatic transmission</b>		
axle ratio	4.10	4.10
maximum payload	<b>1,200</b>	1,260
GVWR	<b>4,280</b>	<b>5,120</b>
maximum trailer weight	2,260	5,600
GCWR	5,500	9,500