2007 B-Series

*** Information contained herein is subject to change without notice.**
E. & O. E.

2007 B-Series Specifications

Engine

	B2300	B3000	B4000
Type	2.3L DOHC I4	3.0L OHV V6	4.0L SOHC V6
Displacement	2,261 cc	2,957 cc	4,025 cc
Bore and stroke	87.5 x 94 mm	88.9 x 79.8 mm	100.3 x 84.3 mm
Compression ratio	9.7:1	9.14:1	9.0:1
Horsepower SAE	143 @ 5,250 rpm	148 @ 4,900 rpm	207 @ 5,250 rpm
Torque, SAE net lb.	154 lb. ft. @ 3,750 rpm	180 lb. Ft. @ 3,950 rpm	238 lb. ft. @ 3,000 rpm
Fuel system	Sequential Electronic multi-port Fuel Injection (EFI)	Sequential Electronic multi-port Fuel Injection (EFI)	Sequential Electronic multi-port Fuel Injection (EFI)
Valve-train	4-valves per cylinder	2-valves per cylinder	2-valves per cylinder
Engine block	Aluminum-alloy	Cast iron	Cast iron
Recommended fuel	Regular (unleaded)	Regular (unleaded)	Regular (unleaded)

Drivetrain

Type	Front engine / rear-wheel drive
Transmission	5-speed manual with overdrive and hydraulically actuated non-asbestos self-adjusting clutch 5-speed automatic with overdrive and lockup torque converter

	Manual			Automatic
Transmission	B2300	B3000	B4000	B2300/B3000/B4000
Gear Ratios: 1st	3.72	3.72	3.40	2.47
2nd	2.20	2.20	2.05	1.85
3rd	1.50	1.50	1.31	1.47
4th	1.00	1.00	1.00	1.00
5th	0.79	0.79	0.79	0.75
Reverse	3.40	3.40	3.40	2.10

Transfer Case	2 speed, planetary gears. Gear ratios: 1.00:1 (high range); 2.48:1 (low range). Rotary switch electric shift with live axle system.

Electrical System

Type	Maintenance-free with battery saver
Battery	I4: GR96R (12V-52AH), V6: GR40R (12V-60AH)
Alternator	2.3L: 110 amp, 3.0 and 4.0L: 115 amp
Starter	1,425 watts
Ignition system	Full transistor breakerless electronic
Fan clutch	Viscous type

Chassis

Frame	Body on frame
Reg. Cab Front susp.	Independent double-wishbone front suspension with gas-filled shock absorbers, coil springs and stabilizer bar
Reg. Cab Rear susp.	Solid axle with leaf springs, gas-charged shock absorbers.
Cab Plus Front susp.	Raised independent double-wishbone front suspension with gas-filled shock absorbers, torsion bars and stabilizer bar
Cab Plus Rear susp.	Raised solid axle with leaf springs, gas-charged shock absorbers.
Steering	Power assisted, rack-and-pinion type
Steering ratio	Regular Cab - B2300: 22.0:1, Cab Plus - 18:7.1
Min. turning circle	Regular Cab - B2300: 11.5m, Cab Plus - 13.1m
Brakes	Power-assisted and 4-wheel Anti-lock Brake System (ABS) B2300: 261mm ventilated front discs; 229mm rear drum B3000 & B4000: 287mm ventilated front discs; 254 mm rear drums
Parking Brake	Foot-operated, soft release

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2007 B-Series Specifications

Wheels and Tires

Wheels	15” 7-spoke, silver steel wheels (Regular Cab)
	15” Tear-drop alloy wheels (Dual Sport)
	16 ” 3-spoke alloy wheels (4x4 SE)
Tires	225/70R15 all-season BSW tires (Regular Cab)
	235/75R15 OWL tires (Dual Sport)
	255/70R16 OWL tires (4x4 SE)

External Dimensions (mm)

	Regular Cab	Cab Plus
Wheelbase	2832	3197
Track (fr/rr)	1488/1455	1488/1455
Overall length	4762	5154
Overall width	1763	1786
Overall height	1648	1715
Ground clearance	170	201

Internal Dimensions (mm)

	Regular Cab	Cab Plus
Shoulder room: fr/rr	1384/-	1367/389
Headroom: fr/rr	996/-	996/904
Legroom: fr/rr	1077/-	1072/1024
Hiproom:	1339	1339
Bed, inside length	1824	1824
Bed, inside width (max.)	1320	1320
Bed, inside width (min)	1026	1026
Bed, inside depth	419	419

Base Curb Weights (kgs.)

	4x2	**4x4**
Regular Cab	1,358	-
Cab Plus	-	1,670
Cab Plus - Dual Sport	1,552	-

Fuel Economy Ratings

	Model Transmission	L / (100 km) **City**	 **Hwy.**
4x2	B 2300 MT	9.9L	7.5L
	B 2300 AT	11.1L	8.5L
	B 3000 MT	13.1L	9.4L
	B 3000 AT	14.1L	10.0L
	B 4000 AT	13.9L	10.2L
4x4	B 4000 MT	14.2L	10.6L
	B 4000 AT	15.7L	11.6L

Fuel Tank Capacity

Regular Cab: 62.4L
Cab Plus: 73.8L

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2007 B-Series Specifications

Engine /Transmission	Axle Type	Axle Ratio	Maximum Trailer Weight*				Maximum GCWR (lbs)**	
			Regular Cab		Cab Plus			
			kg	lbs	kg	lbs	kg	lbs
B2300/MT (4x2)	Regular	3.73	717	1,580	-	-	2,177	4,800
B2300/AT (4x2)	Regular	4.10	1,025	2,260	-	-	2,495	5,500
Dual Sport 3.0L MT (4x2)	LS	4.10	-	-	1,125	2,480	2,722	6,000
Dual Sport 3.0L AT (4x2)	LS	4.10	-	-	1,052	2,320	2,722	6,000
Dual Sport 4.0L AT (4x2)	LS	3.55	-	-	2,613	5,760	4,309	9,500
B4000/MT (4x4)	LS	4.10	-	-	1,406	3,100	3,175	7,000
B4000/AT (4x4)	LS	4.10	-	-	2,540	5,600	4,309	9,500

LS = Limited Slip Axle

* Trailer weights shown are the maximums and must be reduced by the weight of any passengers, cargo, hitch or optional equimpment in the towing vehicle. The following equipment may also be required: load-carrying hitch for trailers over 2000lbs. Towing a trailer will have an effect on the vehicle's handling, braking and durability, performance and driving economy.

** The Gross Combined Weight Rating (GCWR) is the maximum allowable combined weight of vehicle, trailer, passengers and cargo.

Engine /Transmission	Payload Ratings ~		Maximum Gross Axle Weight Rating (GAWR)				Gross Vehicle Weight Rating (GVWR)	
			Front		Rear			
	kg	lbs	kg	lbs	kg	lbs	kg	lbs
B2300/MT (4x2)	572	1,260	1,043	2,300	1,157	2,550	1,987	4,380
B2300/AT (4x2)	572	1,260	1,043	2,300	1,157	2,550	1,987	4,380
Dual Sport 3.0L MT (4x2)	572	1,260	1,229	2,710	1,179	2,600	2,241	4,920
Dual Sport 3.0L AT (4x2)	572	1,260	1,229	2,710	1,179	2,600	2,241	4,920
Dual Sport 4.0L AT (4x2)	572	1,260	1,229	2,710	1,179	2,600	2,241	4,920
B4000/MT (4x4)	572	1,260	1,293	2,850	1,179	2,600	2,341	5,160
B4000/AT (4x4)	572	1,260	1,293	2,850	1,179	2,600	2,341	5,160

~Payload is the maximum allowable weight of people, cargo and body equipment and is reduced by the weight of optional equipment.

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2007 B-Series Features

	4x2			4x4
	Regular Cab	Cab Plus		C/P
Engineering Features	**2.3L SX**	**3.0L DS**	**4.0L DS**	**4.0L SE**
B2300 2.3L I4	S	-	-	-
B3000 3.0L OHV V6	-	S	-	-
B4000 4.0L SOHC V6	-	-	S	S
5-speed manual transmission	S	S	-	S
5-speed electronic automatic transmission w/ overdrive	O	O	S	O
Power front disc / rear drum brakes	S	S	S	S
4 wheel Anti-lock Brake System (ABS) with EBFD	S	S	S	S
Soft release parking brake	S	S	S	S
Front stabilizer bar	S	S	S	S
Power-assisted rack and pinion steering	S	S	S	S
Electric shift transfer case with live axle system	-	-	-	S
Limited slip axle	-	S	S	S
Engine Block Heater and Battery Warmer	S	S	S	S
Rotary dial 'Shift-on-the-fly' control	-	-	-	S
Skid plates; fuel tank and transfer case	-	-	-	S
Battery saver	S	S	S	S
Dual-note horn	S	S	S	S
Exterior Features				
15" 7-spoke, silver steel wheels	S	-	-	-
15" Tear-drop alloy wheels	-	S	S	-
16" 3-spoke alloy wheels	-	-	-	S
225/70R15 OWL tires	S	-	-	-
235/75R15 OWL tires	-	S	S	-
255/70R16 OWL tires	-	-	-	S
Black radiator grille	S	-	-	-
Black tailgate handle	S	S	S	S
Black front bumper	S	-	-	-
Black rear bumper	S	-	-	-
Black door handles	S	-	-	S
Body coloured door handles, front & rear bumpers	-	S	S	-
Body coloured front grille surround and lower front fascia	-	S	S	-
Chrome grille	-	-	-	S
Chrome front bumper	-	-	-	S
Chrome rear bumper	-	-	-	S
Dual black manual exterior foldaway mirrors	S	S	-	S
Dual black power sailmount exterior foldaway mirrors	-	PP	S	SE
Dual fluidic windshield washers	S	S	S	S
Front (2) tow hooks	-	-	-	S
Fog lights	-	S	S	S
Sliding rear window	S	S	S	S
Privacy glass	S	S	S	S

S = Standard **O = Optional** **- = Not Available**

PP = Power Package **SE = SE Plus Package**

E. & O. E.

2007 B-Series Features

	4x2			4x4
	Regular Cab	Cab Plus		Cab Plus
Exterior Features	**2.3L SX**	**3.0L DS**	**4.0L DS**	**4.0L SE**
Wheel lip mouldings with integrated mud flaps	-	S	S	S
Front license plate bracket	S	S	S	S
Cargo box tie down hooks (4)	S	S	S	S
Trailer tow wire harness - 4pin	S	S	S	S
Removable tailgate	S	S	S	S
Flush mounted halogen headlights	S	S	S	S
Center high-mount rear brake lamp	S	S	S	S
Interior Features: Comfort and Convenience				
Leather wrapped steering wheel	-	-	-	SE
Cruise control with steering wheel mounted controls	-	PP	S	SE
Tilt steering	-	PP	S	SE
Intermittent wipers	S	S	S	S
Power doors locks	-	PP	S	SE
Power windows	-	PP	S	SE
Keyless entry (2 transmitters included)	-	PP	S	SE
12-volt auxiliary power point	S	S	S	S
Warning chimes: headlights-on, seatbelt & ignition key	S	S	S	S
Day/night rearview mirror	S	S	S	S
Heater / defroster with 4-speed blower	S	S	S	S
Cloth sunvisor	S	S	S	S
Interior Features: Seating and Trim				
60/40 cloth split bench seat with armrest and storage	S	S	S	S
Sport bucket seats	-	-	-	SE
Side facing cloth rear jump seats	-	S	S	S
Upgraded cloth upholstery w/ piping	S	S	S	-
Premium cloth upholstery w/ piping	-	-	-	S
Carbon-like finish on center panel	S	S	S	S
Colour-keyed carpeting	S	S	S	S
Floor consolette with 2 cupholders	S	S	S	S
Rear cup holders	-	S	S	S
Standard A-pillar grab handles	S	S	S	S
Door map pockets	-	S	S	S
Interior Features: Instrumentation				
Tachometer	S	S	S	S
Gauges for fuel level and engine coolant temperature	S	S	S	S
Silver meter rings with black face	S	-	-	-
Silver meter rings with silver face	-	S	S	S

S = Standard **O = Optional** **- = Not Available**
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E. & O. E.

2007 B-Series Features

	4x2			4x4
	Regular Cab	Cab Plus		C/P
Audio System:	**2.3L SX**	**3.0L DS**	**4.0L DS**	**4.0L SE**
AM/FM/CD player with MP3 reading capability w/ clock, 4 speakers and antenna	S	S	S	S
Auxiliary audio input jack	S	S	S	S
Safety Features:				
Driver and passenger airbags	S	S	S	S
Ignition-key-actuated switch for deactivating front passenger airbag	S	S	S	S
Securilock engine immobilizer theft deterrent system	-	S	S	S
Daytime running lights	S	S	S	S
Collapsible steering column	S	S	S	S
Front safety belts with shoulder belt height adjustment	S	S	S	S
Mini-spare tire	S	-	-	-
Limited service full size spare tire	-	S	S	S
Crank up/down spare tire carrier	S	S	S	S
Tire Pressure Monitoring System (TPMS)	S	S	S	S
Optional Features:				
5 speed electronic automatic transmission w/ overdrive	O	O	S	O
Air conditioning	O	O	S	S

S = Standard **O = Optional** **- = Not Available**

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2007 Mazda B-Series Equipment Walk

Regular Cab 4X2

2.3L SX

2.3L I4 engine
143 HP
154 lb. ft.of torque
15" styled steel wheels
225/70R15 tires
TPMS
ABS
Front disc/rear drum brakes
Block heater
Front stabilizer bar
Trailer tow harness
Sliding rear window
Privacy glass
60/40 split bench
Upgraded cloth upholstery
AM/FM/CD with MP3 reading capability and 4 speakers
Auxilliary Input

Cab Plus 4X2

3.0L Dual Sport

2.3L SX equipment plus:
3.0L V6 engine
148 hp
180 lb./ft torque
4X4 Chassis
15" tear-drop alloy wheels
235/75R15 tires
Fog lights
Full size spare tire
Rear cloth jump seat
Body colored:
- wheel lip mouldings
- front grille surround
- bumpers
- door handles

Limited Slip Axle
Securilock Engine immobilizer

4.0L Dual Sport

3.0L DS equipment plus:
4.0L V6 Engine
207 HP
238 lb. ft.of torque
Power Package
- Power door mirrors
- Power door locks
- Power windows
- Keyless entry (w/ 2 transmitters)
- Cruise control
- Tilt Steering

Air conditioning
Automatic Transmission

Cab Plus 4X4

4.0L SE

3.0L DS equipment plus:
4.0L V6 Engine
207 HP
238 lb. ft.of torque
4x4
Air conditioning
Skid plates
16" Alloy wheels
255/70R/16 tires
Black door handles
Chrome grille/bumpers
Front tow hooks
Premium cloth upholstery
Delete:
- Cruise control
- Tilt Steering

2.3 SX - Options

5-Speed A/T
Air conditioning

3.0L Dual Sport - Options

5-Speed A/T
Air conditioning

4.0L 4x4 - Options

5-Speed A/T

Packages

Power Package

Power door mirrors
Power door locks
Power windows
Keyless entry (w/ 2 transmitters)
Cruise control
Tilt Steering

SE + Package

Power Package
- Power door mirrors
- Power door locks
- Power windows
- Keyless entry (w/ 2 transmitters)
- Cruise control
- Tilt Steering

Sport Bucket Seats
Leather wrapped steering wheel