

# 2006 MAZDA B-SERIES TECHNICAL SPECIFICATIONS

ENGINE						
	<b>B2300</b>		<b>B3000</b>		<b>B4000</b>	
	<i>Regular Cab</i>	<i>Regular Cab DS</i>	<i>Cab 4 Plus</i>	<i>Cab Plus 4 DS</i>	<i>Cab Plus 4</i>	<i>Cab Plus 4 SE</i>
Type	2.3L DOHC 16-valve 4-cylinder		3.0L OHV 12-valve V6		4.0L, SOHC 12-valve V6	
Displacement (cu in/cc)	137.9/2,260		181.1/2,967		246.3/4,036	
Bore x Stroke (in)	3.44 x 3.70		3.50 x 3.13		3.95 x 3.35	
Compression Ratio	9.7:1		9.14:1		9.0:1	
Output (SAE net)	143 @ 5,250 rpm		154 @ 5,200 rpm		207 @ 5,250 rpm	
Torque (SAE net)	154 @ 3,750 rpm		180 @ 3,900 rpm		238 @ 3,000 rpm	

FUEL SYSTEM	
Fuel Injection	Electronic multiport
Recommended Fuel	Regular Unleaded
Emission Control	Single 3-way catalytic converter

IGNITION SYSTEM		
System	Full transistor breakerless electronic	
Alternator	12V-90 A	12V-110 A

TRANSMISSION						
	<b>B2300</b>		<b>B3000</b>		<b>B4000</b>	
	<i>Regular Cab</i>	<i>Regular Cab DS</i>	<i>Cab 4 Plus</i>	<i>Cab Plus 4 DS</i>	<i>Cab Plus 4</i>	<i>Cab Plus 4 SE</i>
Type	Rear Wheel Drive (RWD)					4x4
Transfer Case Ratio	N/A					2.48 (low)/ 1.00 (high)
Gear Ratios :1	<b>5-speed M/T</b>					
First	3.72			3.40		
Second	2.20			2.05		
Third	1.50			1.31		
Fourth	1.00			1.00		
Fifth	0.79			0.79		
Final Drive	3.73	4.10	3.73	4.10		
Gear Ratios :1	<b>5-speed A/T</b>					
First	2.47					
Second	1.85					
Third	1.47					
Fourth	1.00					
Fifth	0.75					
Final Drive	3.73	4.10				
Clutch Type M/T	Single dry plate with diaphragm spring					
Clutch Type A/T	Torque converter					

STEERING AND BRAKES						
	<b>B2300</b>		<b>B3000</b>		<b>B4000</b>	
	<i>Regular Cab</i>	<i>Regular Cab DS</i>	<i>Cab 4 Plus</i>	<i>Cab Plus 4 DS</i>	<i>Cab Plus 4</i>	<i>Cab Plus 4 SE</i>
Steering Type	Rack-and-Pinion					
Turning Diameter (ft)	37.7	39.1			43.0	
Overall Ratio	22.0:1	21.5:1	18.7:1	18.7:1		
Brakes	4-wheel power assisted disc/drum brakes					
Front	10.3-inch ventilated discs				11.3-inch ventilated discs	
Rear (drums)	9.0-inch			10.0-inch		
Parking	Activates rear drum shoes					

<b>CAPACITIES</b>						
	<b>B2300</b>		<b>B3000</b>		<b>B4000</b>	
	<i>Regular Cab</i>	<i>Regular Cab DS</i>	<i>Cab 4 Plus</i>	<i>Cab Plus 4 DS</i>	<i>Cab Plus 4</i>	<i>Cab Plus 4 SE</i>
Passenger Seating	2		4			
Fuel (gal)	16.5		19.5			
Oil (qts)	3.8	4.3		4.7		
Coolant (qts)	10.5 (M/T) 10.2 (A/T)	15.1 (M/T) 14.8 (A/T)		13.7 (M/T) 13.2 (A/T)		
Vehicle Category	Compact Truck					
Passenger Volume (cu ft)	52.6			63.7		

<b>DIMENSIONS</b>						
	<b>B2300</b>		<b>B3000</b>		<b>B4000</b>	
Inches (mm)	<i>Regular Cab</i>	<i>Regular Cab DS</i>	<i>Cab 4 Plus</i>	<i>Cab Plus 4 DS</i>	<i>Cab Plus 4</i>	<i>Cab Plus 4 SE</i>
Length	187.5 (4,763)	187.7 (4,768)	201.7 (5,123)	202.9 (5,154)		
Front bumper to rear of cab	107.3 (2,725)		121.3 (3,081)			
Back of cab to end of box	77.1 (1,958)		77.3 (1,963)			
Cab to centerline of rear axle	37.6 (955)		37.8 (960)			
Width	69.4 (1,648)	70.3 (1,786)	69.4 (1,648)	70.3 (1,786)		
Frame width	32.8 (833)					
Height	64.9 (1,648)	67.6 (1,717)	64.8 (1,646)	67.5 (1,715)		
Cab Height (empty)	64.9 (1,648)	67.6 (1,717)	67.6 (1,717)	64.9 (1,648)	67.5 (1,715)	
Cab Height (loaded)	62.0 (1,575)	65.2 (1,656)	62.0 (1,575)	65.2 (1,656)		
Wheelbase	111.6 (2,835)		125.9 (3,198)			
Min. Ground Clearance (laden), rear axle	6.7 (170)	7.3 (185)	7.9 (201)			
Track						
Front	58.6 (1,488)					
Rear	57.3 (1,455)					
Head Room						
Front	39.2 (996)					
Rear	N/A		35.6 (904)			
Leg Room						
Front	42.4 (1,077)		42.2 (1,072)			
Rear	N/A		40.3 (1,024)			
Shoulder Room						
Front	54.5 (1,384)		53.8 (1,367)			
Rear	N/A		15.3 (389)			
Hip Room						
Front	52.7 (1,339)					

<b>TIRES AND WHEELS</b>						
	<b>B2300</b>		<b>B3000</b>		<b>B4000</b>	
	<i>Regular Cab</i>	<i>Regular Cab DS</i>	<i>Cab 4 Plus</i>	<i>Cab Plus 4 DS</i>	<i>Cab Plus 4</i>	<i>Cab Plus 4 SE</i>
Tires	225/70R-15 all season	225/75R-15 all terrain	225/70R-15 all season	225/75R-15 all terrain		255/70R-16 all terrain
Wheels	15 x 6.5 steel	15 x 7.0 aluminum alloy	15 x 6.5 steel	15 x 7.0 aluminum alloy	15 x 7.0 steel	16 x 7.0 aluminum alloy

<b>SUSPENSION</b>						
	<b>B2300</b>		<b>B3000</b>		<b>B4000</b>	
	<i>Regular Cab</i>	<i>Regular Cab DS</i>	<i>Cab 4 Plus</i>	<i>Cab Plus 4 DS</i>	<i>Cab Plus 4</i>	<i>Cab Plus 4 SE</i>
Front	Double wishbone with coil springs	Double wishbone with torsion bar springs	Double wishbone with coil springs	Double wishbone with torsion bar springs		
Rear	Solid axle with leaf springs					

<b>CURB WEIGHT</b>						
	<b>B2300</b>		<b>B3000</b>		<b>B4000</b>	
	<i>Regular Cab</i>	<i>Regular Cab DS</i>	<i>Cab 4 Plus</i>	<i>Cab Plus 4 DS</i>	<i>Cab Plus 4</i>	<i>Cab Plus 4 SE</i>
Base Curb Weight (lbs)	2,999	3,297	3,305	3,421	3,662	

<b>FUEL ECONOMY</b>						
	<b>B2300</b>		<b>B3000</b>		<b>B4000</b>	
	<i>Regular Cab</i>	<i>Regular Cab DS</i>	<i>Cab 4 Plus</i>	<i>Cab Plus 4 DS</i>	<i>Cab Plus 4</i>	<i>Cab Plus 4 SE</i>
EPA Mileage						
City/Highway (mpg) M/T	24/29		18/23		16/19	N/A
City/Highway (mpg) A/T	22/26		18/22		16/20	

<b>TOWING AND PAYLOAD SPECIFICATIONS</b>						
	<b>B2300</b>		<b>B3000</b>		<b>B4000</b>	
	<i>Regular Cab</i>	<i>Regular Cab DS</i>	<i>Cab 4 Plus</i>	<i>Cab Plus 4 DS</i>	<i>Cab Plus 4</i>	<i>Cab Plus 4 SE</i>
	<b>5-Speed M/T</b>					
Axle Ratio	3.73	4.10	3.73		4.10	
Maximum Payload	1,260		1,680		1,260	
GVWR	4,380	4,680	5,020	4,920	5,140	
Maximum Trailer Weight	1,600	2,500		2,380	3,140	
GCWR	4,800	6,000			7,000	
	<b>5-Speed A/T</b>					
Axle Ratio	3.73			4.10		
Maximum Payload	1,260		1,680		1,260	
GVWR	4,380	4,680	5,020	4,920	5,140	
Maximum Trailer Weight	2,260	2,460		2,340	5,600	
GCWR	5,500	6,000			9,500	