

12. SPECIFICATIONS

Mazda BT-50		4x2			
		Single Cab Chassis DX	Freestyle Cab Chassis DX+	Freestyle Cab Utility DX+	Dual Cab Utility DX
Powertrain					
Engine type			2.5 litre in-line 4 cylinder 16 valve DOHC intercooled turbo diesel	3.0 litre in-line 4 cylinder 16 valve DOHC intercooled turbo diesel	
Engine capacity		cc	2,499	2,953	
Bore and stroke		mm	93 x 92	96 x 102	
Compression ratio			18.0 : 1		
Maximum power		kW	105 @ 3,500 rpm	115 @ 3,200 rpm	
Maximum torque		Nm	330 @ 1,800 rpm	380 @ 1,800 rpm	
Throttle control			Electronic (drive-by-wire)		
Fuel system			Common-rail, electronic direct injection		
Fuel tank capacity		litres	70		
Recommended fuel			Diesel		
Fuel consumption*1	man (combined)		8.3 litres per 100 km	9.2 litres per 100 km	
	auto (combined)		-	10.4 litres per 100 km	
Alternator			12V-70A volts-amps		
Manual transmission			5-speed		
Automatic transmission			-	5-speed	
Gear ratio – man/auto	1st		3.905		3.905/3.220
	2nd		2.248		2.248/2.290
	3rd		1.491		1.491/1.550
	4th		1.000		1.000/1.000
	5th		0.800		0.800/0.710
	reverse		3.391		3.391/3.070
	final drive		3.416	3.727	
Transfer gear – man/auto	high		-	-	-
	low		-	-	-
*1 Fuel consumption figures are based on ADR81/01 test results.					
Chassis					
Brake type	front		Ventilated Disc		
	rear		Drum		
Steering type			Hydraulic power assist steering		
Suspension	front		Independent double wishbone		
	rear		Rigid axle with leaf springs		
Turning circle	kerb to kerb	m	12	12.6	
Tyre size			215/70 R15C 106/104S	235/75 R15 109S	
Wheel size			15 x 6.5 J	15 x 6.5 JJ	
Wheel type			Alloy	Steel	
Wheel type (spare)			Full size (steel)		

Mazda BT-50		4x4							
		Single Cab Chassis DX	Freestyle Cab Chassis DX+	Freestyle Cab Utility DX+	Freestyle Cab Utility SDX	Dual Cab Chassis DX	Dual Cab Utility DX	Dual Cab Utility SDX	
Powertrain									
Engine type		3.0 litre in-line 4 cylinder 16 valve DOHC intercooled turbo diesel							
Engine capacity	cc	2,953							
Bore and stroke	mm	96 x 102							
Compression ratio		18.0 : 1							
Maximum power	kW	115 kW @ 3,200 rpm							
Maximum torque	Nm	380 Nm @ 1,800 rpm							
Throttle control		Electronic (drive-by-wire)							
Fuel system		Common-rail, electronic direct injection							
Fuel tank capacity	litres	70							
Recommended fuel		Diesel							
Fuel consumption*1	man (combined)	9.2 litres per 100km							
	auto (combined)		-		10.4 litres per 100km	-		10.4 litres per 100km	
Alternator									
Manual transmission		5-speed							
Automatic transmission		-	-	-	5-speed	-		5-speed	
Gear ratio – man/auto	1st	3.905			3.905/3.220		3.905	3.905/3.220	
	2nd	2.248			2.248/2.290		2.248	2.248/2.290	
	3rd	1.491			1.491/1.550		1.491	1.491/1.550	
	4th	1.000			1.000/1.000		1.000	1.000/1.000	
	5th	0.800			0.800/0.710		0.800	0.800/0.710	
	reverse	3.391			3.391/3.070		3.391	3.391/3.070	
	final drive	3.727			3.727/3.727		3.727	3.727/3.727	
Transfer gear-man/auto	high	1.000			1.000/1.000		1.000	1.000/1.000	
	low	2.020			2.020/2.480		2.020	2.020/2.480	
Chassis									
Brake type	front	Ventilated Disc							
	rear	Drum							
Steering type		Hydraulic power assist steering							
Suspension	front	Independent double wishbone							
	rear	Rigid axle with leaf springs							
Turning circle	kerb to kerb	12.6 m							
Tyre size		235/75 R15 109S	235/75 R15 109S	235/75 R15 109S	245/70 R16 111S	235/75 R15 109S	235/75 R15 109S	245/70 R16 111S	
Wheel size		15 x 6.5 JJ			16 x 7.0 J	15 x 6.5 JJ		16 x 7.0 J	
Wheel type		Steel			Alloy	Steel	Steel	Alloy	
Wheel type (spare)		Full size (steel)							
*1 Fuel consumption figures are based on ADR81/01 test results.									

13. FEATURES

Mazda BT-50		4x2			
		Single Cab Chassis DX	Freestyle Cab Chassis DX+	Freestyle Cab Utility DX+	Dual Cab Utility DX
Exterior					
Exterior mirrors, door and tailgate handles (chrome)		-	-	-	-
Fog-lamps (front)		-	-	-	-
Fuel filler cap (lockable)		X	X	-	-
Freestyle door system		-	X	X	-
Front bumper (black)		X	X	X	X
Front bumper (body coloured)		-	-	-	-
Green tinted windscreen and side windows		X	X	X	X
Headlamps (halogen)		X	X	X	X
Mudflaps (front)		X	X	X	X
Mudflaps (rear)		-	-	X	X
Power mirrors		-	X	X	-
Power windows		-	X	X	-
Rear step bumper (black)		-	-	X	X
Rear step bumper (chrome)		-	-	-	-
Side steps (aluminium finish)		-	-	-	-
Underbody impact protection		-	-	-	-
Utility features:	cab guard/load rest	-	-	X	X
	centre tailgate release	-	-	X	X
	double wall construction	-	-	X	X
	exterior rope rails/hooks	-	-	X	X
	interior rope hooks	-	-	-	-
Wheel arch flares (black)		-	X	X	X
Wheel arch flares (painted in high gloss)		-	-	-	-
Interior					
Air-conditioning		X	X	X	X
Automatic transmission indicator in instrument cluster		-	-	-	opt
Auxiliary 12 volt power outlet		X	X	X	X
Centre armrest console with dual compartments		-	X	X	-
Centre dash storage box		X	X	X	X
Critical function warning lights		X	X	X	X
Cupholders		X	X	X	X
Digital clock		X	X	X	X
Door map pockets (front)		X	X	X	X
Door storage bins (rear)		-	X	X	-
Driver's left footrest		X	X	X	X
Floor covering (carpet)		-	X	X	-
Floor covering (vinyl)		X	-	-	X
Glove box (lockable and illuminated)		X	X	X	X
Instrument panel light dimmer		X	X	X	X

		Single Cab Chassis DX	Freestyle Cab Chassis DX+	Freestyle Cab Utility DX+	Dual Cab Utility DX
Interior Contd.					
Interior illumination:					
	dome lamp	X	X	X	X
	ignition key surround	X	X	X	X
	map reading spot lamps	-	X	X	X
	power window switch (driver)	-	X	X	-
Interior release for fuel filler door		-	-	X	X
Lights-left-on audible warning		X	X	X	X
Low fuel warning light		X	X	X	X
Passenger assist grip (front)		X	X	X	X
Passenger assist grips (rear)		-	-	-	X
Rear under-floor storage bins		-	X	X	-
Seat trim:	cloth	X	X	X	X
Seats (front bench) with:					
	adjustable head restraints	X	-	-	-
	centre fold down armrest	X	-	-	-
	slide adjustment	X	-	-	-
Seats (front bucket) with:					
	adjustable head restraints	opt	X	X	X
	full recline function	-	X	X	X
	rake and slide adjustment	opt	X	X	X
	seat back pocket (passenger)	-	X	X	-
Seats (rear bench) with:					
	centre fold down armrest	-	-	-	X
	integral head restraints	-	-	-	X
Seats (rear 'jump') with:					
	foldable seat-base and 2 seat belts	-	X	X	-
Tachometer and electronic odometer/tripmeter		X	X	X	X
Tilt adjustable steering wheel		X	X	X	X
Vanity mirror (front passenger)		X	X	X	X
Window demister (rear)		-	X	X	X
Wipers (front) 2-speed with variable intermittent function		X	X	X	X
Audio					
AM/FM tuner		X	X	X	X
Auxiliary input (3.5mm MP3 player compatible)		X	X	X	X
CD player, single disc (MP3 compatible)		X	X	X	X
CD player, in-dash 6-disc (MP3 compatible)		-	-	-	-
Speakers, number of		2	4	4	2

	Single Cab Chassis DX	Freestyle Cab Chassis DX+	Freestyle Cab Utility DX+	Dual Cab Utility DX
Safety				
Airbags SRS: front (driver and passenger)	X	X	X	X
Anti-lock Braking System (ABS)	-	opt		
Child restraint anchor points	-	-	-	X
Childproof rear door locks	-	-	-	X
Day/night rear vision mirror	X	X	X	X
Electronic Brake-force Distribution (EBD)	-	opt	opt	opt
Engine immobiliser	X	X	X	X
High mount stop lamp	-	-	-	-
Left-hand-side convex (wide angle) exterior mirror	X	X	X	X
Limited Slip Differential (LSD)	-	-	-	-
One touch (up and down) power window (driver)	-	X	X	-
Remote central locking (2 transmitters with retractable key)	X	X	X	X
Seat belts (front) with pretensioners and load-limiters	X	X	X	X
Seat belts (front) with height adjustable shoulder anchorages	-	-	-	X
Side impact door beams	X	X	X	X

Mazda BT-50		4x4						
		Single Cab Chassis DX	Freestyle Cab Chassis DX+	Freestyle Cab Utility DX+	Freestyle Cab Utility SDX	Dual Cab Chassis DX	Dual Cab Utility DX	Dual Cab Utility SDX
Exterior								
Exterior mirrors, door and tailgate handles (chrome)		-	-	-	X	-	-	X
Fog-lamps (front)		-	-	-	X	-	-	X
Fuel filler cap (lockable)		X	X	-	-	X	-	-
Freestyle door system		-	X	X	X	-	-	-
Front bumper (black)		X	X	X	-	X	X	-
Front bumper (body coloured)		-	-	-	X	-	-	X
Green tinted windscreen and side windows		X	X	X	X	X	X	X
Headlamps (halogen)		X	X	X	X	X	X	X
Mudflaps (front)		X	X	X	X	X	X	X
Mudflaps (rear)		-	-	X	X	-	X	X
Power mirrors		-	X	X	X	-	-	X
Power windows		-	X	X	X	-	-	X
Rear step bumper (black)		-	-	X	-	-	X	-
Rear step bumper (chrome)		-	-	-	X	-	-	X
Side steps (aluminium finish)		-	-	-	X	-	-	X
Underbody impact protection		X	X	X	X	X	X	X
Utility features:	cab guard/load rest	-	-	X	-	-	X	-
	centre tailgate release	-	-	X	X	-	X	X
	double wall construction	-	-	X	X	-	X	X
	exterior rope rails/hooks	-	-	X	-	-	X	-
	interior rope hooks	-	-	-	X	-	-	X
Wheel arch flares (black)		X	X	X	-	X	X	-
Wheel arch flares (painted in high gloss)		-	-	-	X	-	-	X
Interior								
Air-conditioning		X	X	X	X	X	X	X
Automatic transmission								
indicator in instrument cluster		-	-	-	opt	-	opt	opt
Auxiliary 12 volt power outlet		X	X	X	X	X	X	X
Centre armrest console with dual compartments		-	X	X	X	-	-	X
Centre dash storage box		X	X	X	X	X	X	X
Critical function warning lights		X	X	X	X	X	X	X
Cupholders		X	X	X	X	X	X	X
Digital clock		X	X	X	X	X	X	X
Door map pockets (front)		X	X	X	X	X	X	X
Door storage bins (rear)		-	X	X	X	-	-	-

		Single Cab Chassis DX	Freestyle Cab Chassis DX+	Freestyle Cab Utility DX+	Freestyle Cab Utility SDX	Dual Cab Chassis DX	Dual Cab Utility DX	Dual Cab Utility SDX
Interior Contd.								
Driver's left footrest		X	X	X	X	X	X	X
Floor covering (carpet)		-	X	X	X	-	-	X
Floor covering (vinyl)		X	-	-	-	X	X	-
Glove box (lockable and illuminated)		X	X	X	X	X	X	X
Instrument panel light dimmer		X	X	X	X	X	X	X
Interior illumination:								
	dome lamp	X	X	X	X	X	X	X
	ignition key surround	X	X	X	X	X	X	X
	map reading spot lamps	-	X	X	X	X	X	X
	power window switch (driver)	-	X	X	X	-	-	X
Interior release for fuel filler door		-	-	X	X	-	X	X
Lights-left-on audible warning		X	X	X	X	X	X	X
Low fuel warning light		X	X	X	X	X	X	X
Passenger assist grip (front)		X	X	X	X	X	X	X
Passenger assist grips (rear)		-	-	-	-	X	X	X
Rear under-floor storage bins		-	X	X	X	-	-	-
Seat trim:	cloth	X	X	X	X	X	X	X
Seats (front bench) with:								
	adjustable head restraints	X	-	-	-	-	-	-
	centre fold down armrest	X	-	-	-	-	-	-
	slide adjustment	X	-	-	-	-	-	-
Seats (front bucket) with:								
	adjustable head restraints	opt	X	X	X	X	X	X
	full recline function	-	X	X	X	X	X	X
	rake and slide adjustment	opt	X	X	X	X	X	X
	seat back pocket (passenger)	-	X	X	X	-	-	X
Seats (rear bench) with:								
	centre fold down armrest	-	-	-	-	X	X	X
	integral head restraints	-	-	-	-	X	X	X

	Single Cab Chassis DX	Freestyle Cab Chassis DX+	Freestyle Cab Utility DX+	Freestyle Cab Utility SDX	Dual Cab Chassis DX	Dual Cab Utility DX	Dual Cab Utility SDX	
Interior Contd.								
Seats (rear 'jump') with: foldable seat-base and 2 seat belts	-	X	X	X	-	-	-	
Tachometer and electronic odometer/tripmeter	X	X	X	X	X	X	X	
Tilt adjustable steering wheel	X	X	X	X	X	X	X	
Vanity mirror (front passenger)	X	X	X	X	X	X	X	
Window demister (rear)	-	X	X	X	X	X	X	
Wipers (front) 2-speed with variable intermittent function	X	X	X	X	X	X	X	
Audio								
AM/FM tuner	X	X	X	X	X	X	X	
Auxiliary input (3.5mm MP3 player compatible)	X	X	X	X	X	X	X	
CD player, single disc (MP3 compatible)	X	X	X	-	X	X	-	
CD player, in-dash 6-disc (MP3 compatible)	-	-	-	X	-	-	X	
Speakers, number of	2	4	4	6	2	2	6	
Safety								
Airbags SRS: front (driver and passenger)	opt	X	X	X	X	X	X	
Anti-lock Braking System (ABS)	opt	opt	opt	X	opt	opt	X	
Child restraint anchor points	-	-	-	-	X	X	X	
Childproof rear door locks	-	-	-	-	X	X	X	
Day/night rear vision mirror	X	X	X	X	X	X	X	
Electronic Brake-force Distribution (EBD)	opt	opt	opt	X	opt	opt	X	
Engine immobiliser	X	X	X	X	X	X	X	
High mount stop lamp	-	-	-	X	-	-	X	
Left-hand-side convex (wide angle) exterior mirror	X	X	X	X	X	X	X	
Limited Slip Differential (LSD)	X	X	X	X	X	X	X	
One touch (up and down) power window (driver)	-	X	X	X	-	-	X	
Remote central locking (2 transmitters with retractable key)	X	X	X	X	X	X	X	
Seat belts (front) with pretensioners and load-limiters	opt	X	X	X	X	X	X	
Seat belts (front) with height adjustable shoulder anchorages	-	-	-	-	X	X	X	
Side impact door beams	X	X	X	X	X	X	X	

14. DIMENSIONS

Mazda BT-50			4x2			
			Single Cab Chassis DX	Freestyle Cab Chassis DX+	Freestyle Cab Utility DX+	Dual Cab Utility DX
Weights & Capacities						
Gross Combined Mass*2 (GCM)	man	kg	5,100	5,500		
	auto		-	-	-	4,875
Gross Vehicle Mass (GVM)	man	kg	2,889 - 2,809	2,948		2,924
	auto	kg	-	-	-	2,944
Kerb weight	man	kg	1,440 - 1,442	1,581 - 1,585	1,728 - 1,732	1,758 - 1,762
	auto		-	-	-	1,778 - 1,782
Payload*3	man	kg	1,449 - 1,367	1,367 - 1,363	1,220 - 1,216	1,166 - 1,162
	auto		-	-	-	1,166 - 1,162
Axle capacity	front	kg	1,170	1,430		
	rear	kg	1,860	1,850		
Towing capacity*4	braked	man	2,250	3,000		
		auto		-	-	2,500
	unbraked	kg	750			
Towball download*4	maximum	kg	225	250		
Seating capacity			3 or 2	4		5
Dimensions						
Back of cab to rear axle		mm	1,193	680		457
Ground clearance	unladen	mm	181	207		
Overall height		mm	1,622	1,743		1,755
Overall length		mm	4,841	4,841	5,169	5,169
Overall width		mm	1,715	1,807	1,807	1,807
Overhang	front	mm	884			
	rear	mm	975	960	1,285	
Track	front	mm	1,445			
	rear	mm	1,450	1,440		
Tray floor height to ground		mm	-	-	797	798
Tray height		mm	-	-	465	
Tray length		mm	2,400	-	1,753	1,530
Tray width		mm	-	-	1,456	
Wading depth		mm	400	750		
Wheelbase		mm	2,985	3,000		
Approach angle		°	24	32		
Departure angle		°	26	27	26	26
Ramp breakover angle		°	21	28	28	28
*2 Gross Combined Mass (GCM) is the total permissible combined weight of the vehicle and trailer/caravan being towed including occupants, fuel and cargo.						
*3 The weight of any vehicle occupants, options, accessories, modifications, cargo and towball download must be included when calculating payload weight.						
*4 Subject to State or Territory regulations.						

Mazda BT-50			4x4							
			Single Cab Chassis DX	Freestyle Cab Chassis DX+	Freestyle Cab Utility DX+	Freestyle Cab Utility SDX	Dual Cab Chassis DX	Dual Cab Utility DX	Dual Cab Utility SDX	
Weights & Capacities										
Gross Combined Mass*2 (GCM)	man	kg	5,500							
	auto	kg	-			4,875	-	4,875		
Gross Vehicle Mass (GVM)	man	kg	3,058 - 2,978	3,063			3,039			
	auto	kg	-			3,083	-	3,059		
Kerb weight	man	kg	1,617 - 1,626	1,696 - 1,700	1,843 - 1,847	1,831	1,733 - 1,738	1,873 - 1,877	1,867	
	auto	kg	-			1,851	-	1,893 - 1,897	1,887	
Payload*3	man	kg	1,441 - 1,352	1,367 - 1,363	1,220 - 1,216	1,232	1,306 - 1,301	1,166 - 1,162	1,172	
	auto	kg	-	-	-	1,232	-	1,166 - 1,162	1,172	
Axle capacity	front	kg	1,430							
	rear	kg	1,850							
Towing capacity*4	braked	man	3,000							
		auto (kg)	2,500	-			2,500	-	2,500	
	unbraked	kg	750							
Towball download*4	maximum	kg	250							
Seating capacity			3 or 2	4			5	5	5	
Dimensions										
Back of cab to rear axle		mm	1,207	680			457			
Ground clearance	unladen	mm	207							
Overall height		mm	1,743			1,750	1,755		1,762	
Overall length		mm	4,841	5,169			4,841	5,169		
Overall width		mm	1,807							
Overhang	front	mm	884							
	rear	mm	960	1,285			960	1,285		
Track	front	mm	1,445			1,475	1,445		1,475	
	rear	mm	1,440			1,470	1,440		1,470	
Tray floor height to ground		mm	-	-	797	804	-	798	805	
Tray height		mm	-	-	465	465	-	465	465	
Tray length		mm	2,400	-	1,753	1,753	-	1,530		
Tray width		mm	-	-	1,456		-	1,456		
Wading depth		mm	750							
Wheelbase		mm	3,000							
Approach angle		°	32							
Departure angle		°	27			26	27	26		
Ramp breakover angle		°	28							
*2 Gross Combined Mass (GCM) is the total permissible combined weight of the vehicle and trailer/caravan being towed including occupants, fuel and cargo.										
*3 The weight of any vehicle occupants, options, accessories, modifications, cargo and towball download must be included when calculating payload weight.										
*4 Subject to State or Territory regulations.										