

TECHNICAL SPECIFICATIONS – CHASSIS »

CHASSIS	50 SENIOR ADVENTURE	50 MINI ADVENTURE
Frame	single downtube, split-cradle	
Fork	Marzocchi Ø = 32 mm (1,26 in)	
Wheel travel front/rear	175/190 mm (6.9/7.5 in)	115/185 mm (4,5/7,3 in)
Rear suspension	Central shock absorber Paioli	
Front brake	Disk brake Ø 160 mm (6.4 in)	Drum brake Ø 90 mm (3,5 in)
Rear brake	Drumbrake Ø 90 mm (3,5 in)	
Tires front/rear	2.50x12" Pirelli MT32A / 2.75x10" MT320	2.50x10" Pirelli MT32A / 2.75x10" MT32A
Tire pressure	front/rear: 1.0 bar / 1.0 bar	front/rear: 1.0 bar / 1.0 bar
Fuel tank capacity	2 liter (0.52 US gallons)	
Final drive ratio	11 : 48	
Chain	1/2x3/16" 104 rolls	1/2x3/16" 96 rolls
Steering angle	66°	66°
Wheel base	1030 mm (40 in)	910 mm (35.8 in)
Seat height, unloaded	650 or 675 mm (25.6 or 26.6 in) adjustable	530 or 550 mm (21 or 21.7 in) adjustable
Ground clearance	255 mm (10 in)	182mm (7.2 in)
Rider's body height	max. 130 cm (51 in)	
Rider's body weight	max. 35 kg (78 lbs)	
Recommended age of rider	4 - 6 years	
Engine	50 AC	

TIGHTENING TORQUES – CHASSIS			
Hexagon nuts front axle	M12x1	40 Nm	
Hexagon nuts rear axle	M12x1	40 Nm	
Hexagon nut swing arm bolt	M10	45 Nm	
Clamping bolt top triple clamp	M8	25 Nm	
Clamping bolt bottom triple clamp	M6	10 Nm	
Screws handlebar clamp	M8	20 Nm	
Allan screw – Handlebar support	M10	Loctite 243 + 40 Nm	
Front brake caliper	M8	Loctite 243 + 20 Nm	
Front brake disk	M6 (10.9)	Loctite 243 + 10 Nm	
Screw for brake pads	M6	4 Nm	
Shock absorber top	M10	45 Nm	
Shock absorber bottom	M10	45 Nm	
Spoke nipple	Mini Adventure	M3,5 (SW5)	2,0 - 2,5 Nm
	Senior Adventure	M3,5 (SW5), M4 (SW5,5)	2,5 - 3,0 Nm
Other chassis screws	M5	6 Nm	
	M6	10 Nm	
	M8	25 Nm	
	M10	45 Nm	

STANDARD-ADJUSTMENT – FORK	
	50 SENIOR / MINI ADVENTURE
Spring	2,0 N/mm
Preload	10 mm (0.4 in)
Fork oil	SAE 7.5
Air chamber length	110 mm (4.3 in)

STANDARD ADJUSTMENT – SHOCK ABSORBER		
	50 SENIOR ADVENTURE	50 MINI ADVENTURE
Spring preload	12 mm (0.5 in)	8 mm (0.3. in)