

## TECHNICAL SPECIFICATIONS - CHASSIS 2004

	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	2.50x12" Pirelli MT32A / 2,75x10" MT320	2,50x10" Pirelli MT32A / 2,75x10" MT320
Tire pressure	front/rear: 1,0 bar / 1,0 bar	front/rear: 1,0 bar / 1,0 bar
Fuel tank capacity	2 Liter	
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 (adjustable) (25.6 or 26.6 in)	590 or 615 mm (adjustable) (23.2 or 24.2 in)
Ground clearance	255 mm (10 in)	190 mm (7.5 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

Hexagon nuts front axle	M12x1	30 Nm
Hexagon nuts rear axle	M12x1	30 Nm
Hexagon nut swing arm bolt	M10	20 Nm
Clamping bolt top triple clamp	M8	15 Nm
Clamping bolt bottom triple clamp	M8	15 Nm
Screws handlebar clamp	M8	20 Nm
Allan screw – Handlebar support	M10	Loctite + 40 Nm
Front brake caliper	M8	Loctite + 20 Nm
Front brake disk	M6	Loctite + 10 Nm
Shock absorber top / bottom	M10	45 Nm
Spoke nipple	M4	3 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	8 mm