

TECHNICAL SPECIFICATIONS - CHASSIS 50 SXR Adventure, Pro Junior, Pro Senior '97

	Adventure	Pro Junior	Pro Senior
Frame	single downtube, split-cradle		
Fork	telescopic fork (Paiolo)		
Wheel travel front/rear	140/160 mm (5.5/6.3 in)	140/160 mm (5.5/6.3 in)	165/170mm (6.5/6.7 in)
Rear suspension	central shock absorber (Sebac)		
Front brake	internal expanding, single/cam drum brake Ø 90 mm (3.5")		
Rear brake	internal expanding, single/cam drum brake Ø 90 mm (3.5")		
Tyres	front / rear: Cheng Shin 2.50x10" C-755		
Air pressure	front / rear: 1.0 bar (14 psi) / 1.0 bar (14 psi)		
Fuel tank capacity	2.9 liter (0,75 USgal)		
Final drive ratio	11 : 44 t		
Chain	1/2 x 3/16" (415) 94 rolls		1/2 x 3/16" (415) 102 rolls
Steering angle	63°		
Wheel base	910 mm (35.8 in)		1030 mm (40.5")
Seat height, unloaded	585 / 610 mm (23 / 24 in) (adjustable)		650 / 675 mm (25.6 / 26.6 in) (adjustable)
Ground clearance	230 mm (9.05 in)		255 mm (10")
Dead weight without fuel	39 kg (86 lbs)	39.5 kg (87.2 lbs)	40.5 kg (89.4 lbs)
Rider's body height	max. 130 cm (51 in)		
Rider's body weight	max 35 kg (78 lbs)		
Recommended age of rider	4 to 6 years		7 to 8 years
Engine	S5-E	S5-T	S5-CS

TIGHTENING TORQUES		
Hexagon nuts front axle	M 12x1	30 Nm (22 ft.lb)
Hexagon nuts rear axle	M 12x1	30 Nm (22 ft.lb)
Hexagon nut swing arm bolt	M 10	20 Nm (15 ft.lb)
Clamping screw upper fork bridge	M 8	15 Nm (11 ft.lb)
Clamping screw lower fork bridge	M 8	15 Nm (11 ft.lb)
Other screws chassis	M 6	10 Nm (7 ft.lb)
	M 8	25 Nm (19 ft.lb)
	M 10	45 Nm (33 ft.lb)

STANDARD-ADJUSTMENT - FORK			
	Adventure	Pro Junior	Pro Senior
Spring	2,55 N/mm	2,55 N/mm	2,55 N/mm
Spring preload	10 mm (0.4 in)	20 mm (0.8 in)	20 mm (0.8 in)
Capacity per fork leg	--	ca 150 ccm	ca 160 ccm
Fork oil	--	SAE 7.5	SAE 7.5