

TECHNICAL SPECIFICATIONS – CHASSIS 85 SX 2003

Frame	Central chrome-moly-steel frame
Fork	telescopic fork White Power 43MXMA
Wheel travel front/rear	275 mm (10.8 in) / 300 mm (11.8 in)
Rear suspension	WP PDS 4618 (Progressive Damping System) shock absorber
Front brake	Disc brake Ø 220 mm (8.7 in), 4 piston
Rear brake	Disc brake Ø 200 mm (7.9 in), 4 piston
Tires	front: 70/100-17" rear: 90/100-14"
Air pressure	front / rear: 1.0 bar (14 psi) / 1.0 bar (14 psi)
Fuel tank capacity	5.1 liter (1.35 USgal)
Final drive ratio	13 : 46 t
Chain	1/2 x 5/16" 122 rolls
Steering angle	64 °
Wheel base	1278 mm (50.35 in)
Seat height, unloaded	875 mm (34.4 in)
Ground clearance	335 mm (13.2 in)
Dead weight without fuel	67 kg (147.9 lbs)
Rider's body weight	max. 75 kg (165 lbs)
Recommended age of rider	10 to 15 years
Engine	CR-85

STANDARD ADJUSTMENT – FORK	
	WP 4357 MXMA 0518Y733
Compression adjuster	20
Rebound adjuster	20
Spring	3 N/mm
Spring preload	6 mm
Air chamber length	100 mm
Fork oil	SAE 5

STANDARD ADJUSTMENT - SHOCK ABSORBER	
	WP 4618 PDS-DCC WP 1518Y703
Compression adjuster	17 LS (low speed) 2 HS (high speed)
Rebound adjuster	26
Spring	45-215
Spring preload	4 mm

TIGHTENING TORQUES		
Hexagon screw - brake caliper	M 8	Loctite 243 + 25 Nm
Flat head screw - brake discs	M 6	Loctite 243 + 10 Nm
Hexagon nut - front wheel spindle	M 10x1.5	30 Nm
Hexagon nut - rear wheel spindle	M 20x1.5	80 Nm
Hexagon nut - swingarm bolt	M 14/M 16x1.5	100 Nm
Clamping screws - upper fork bridge	M 8	20 Nm
Clamping screws - lower fork bridge	M 8	15 Nm
Screw - handlebar clamp	M 8	20 Nm
Spoke nipple	M 4,5/M 5	5 Nm
Other chassis screws	M 6	10 Nm
	M 8	25 Nm
	M 10	40 Nm