

# TECHNICAL SPECIFICATIONS - CHASSIS 400/540 SXC, 620 SX '99

	400/540 SXC	620 SX
Frame	Central chrome-moly-steel frame	
Fork	WP Extreme	
Wheel travel front/rear	280/320 mm (11/12,6 in)	
Rear suspension	Central shock absorber (WP) with PRO-LEVER linkage to rear-swingarm with needle bearing	
Front brake	Disc brake with carbon-steel brake disc Ø 260 mm (10,2 in), brake caliper floated	
Rear brake	Disc brake with carbon-steel brake disc Ø 220 mm (8,7 in), brake caliper floated	
Tyres front	90/90-21 54R	80/100-21 51M
Air pressure offroad	1,0 bar (14 psi)	1,0 bar (14 psi)
Air press. road, driver only	-	1,5 bar (21 psi)
Tyres rear	140/80-18 70R	110/90-19 62M
Air pressure offroad	1,2 bar (17 psi)	1,2 bar (17 psi)
Air press. road, driver only	2,0 bar (28 psi)	-
Fuel tank capacity	9 liter (3 US gallons) of that 1,5 liter (0,4 US gallons) reserve	
Final drive ratio	400 = 14 : 50, 540 = 15 : 50	15 : 50
Chain	5/8 x 1/4 "	
Steering angle	62,5°	
Wheel base	1510 ± 10 mm (59,4 ± 0,4 in)	
Seat high	940 mm (37 in)	
Ground clearance	375 mm (14,8 in)	
Dead weight without fuel	121 kg (267 lbs)	117 kg (258 lbs)

STANDARD ADJUSTMENT - FORK		
	09.18.S7.40	09.18.S7.44
Compression adjuster	8	12
Rebound adjuster	12	12
Spring	4,4 N/mm	4,2 N/mm
Spring preload	8 mm	7 mm
Air chamber length	140 mm	155 mm
Capacity per fork leg	ca 800 ccm	ca 800 ccm
Fork oil	SAE 5	SAE 5

STANDART-ADJUSTMENT - SHOCK ABSORBER		
	01.18.S7.98	01.18.Q7.82
Compression adjuster	3	3
Rebound adjuster	5	4
Spring	66/260	63/260
Spring preload	17 mm	23 mm

## NOTE FOR WHITE POWER FORKS:

The damping units in the left and the right fork leg are of different design. Make sure not to mix them up in case of repair or service works.

TORQUES			
Collar screw front axle	M10	40 Nm	(30 ft.lb)
Brake caliper front	M8	Loctite 242 + 25 Nm	(18 ft.lb)
Collar nut rear axle	M20x1,5	80 Nm	(59 ft.lb)
Hex. nut swing arm bolt	M14x1,5	100 Nm	(74 ft.lb)
Clamping screw top triple clamp	M8	15 Nm	(11 ft.lb)
Clamping screw bottom triple clamp	M8	20 Nm	(15 ft.lb)
Clamping screws fork leg axle passage	M8	10 Nm	(7 ft.lb)
Other screws chassis	M6	10 Nm	(7 ft.lb)
	M8	25 Nm	(18 ft.lb)
	M10	45 Nm	(33 ft.lb)