

# TECHNICAL SPECIFICATIONS - CHASSIS 400/540 SXC '98

	400/540 SXC
Frame	Central chrome-moly-steel frame
Fork	WP Extreme
Wheel travel front/rear	285/320 mm (11,2/12,6 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 , brake caliper floated brake disc $\varnothing = 260$ mm (10,2 in)
Rear brake	Disc brake with carbon-steel brake disc $\varnothing 220$ mm (8,7 in), brake caliper floated
Tyres front	90/90 - 21
Air pressure offroad	1,0 bar (14 psi)
Air press. road, driver only	1,5 bar (21 psi)
Air press. road with passenger	-
Tyres rear	140/80 - 18
Air pressure offroad	1,2 bar (17 psi)
Air press. road, driver only	2,0 bar (28 psi)
Air press. road with passenger	-
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
Chain	$\frac{5}{8} \times \frac{1}{4}$ " O-Ring
Steering angle	62,5°
Wheel base	1510 $\pm$ 10 mm (59,4 $\pm$ 0,4 in)
Seat high	940 mm (37 in)
Ground clearance	350 mm (13,8 in)
Dead weight without fuel	400: 121 kg (267 lbs)    540: 122 kg (269 lbs)

## STANDARD ADJUSTMENT - FORK

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

### 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.

## STANDARD-ADJUSTMENT - SHOCK ABSORBER

	WP 01.18.Q7.82
Compression adjuster	3
Rebound adjuster	4
Spring	63/260
Spring preload	23 mm

## TORQUES

Collar screw front axle	M 10	40 Nm (30 ft.lb)
Brake caliper front	M 8	Loctite 242 + 25 Nm (18 ft.lb)
Collar nut rear axle	M 20x1,5	80 Nm (59 ft.lb)
Hex. nut swing arm bolt	M 14x1,5	100 Nm (74 ft.lb)
Clamping screw top triple clamp	M 8	15 Nm (11 ft.lb)
Clamping screw bottom triple clamp	M 8	20 Nm (15 ft.lb)
Clamping screws fork leg axle passage	M 8	10 Nm (7,4 ft.lb)
Other screws chassis	M 6	10 Nm (7,4 ft.lb)
	M 8	25 Nm (18 ft.lb)
	M 10	45 Nm (33 ft.lb)