

# TECHNICAL SPECIFICATIONS - CHASSIS 400 / 620 SC '99

	400 SC	620 SC
Frame	Central chrome-moly-steel frame	
Fork	White Power – Up Side Down 43	
Wheel travel front/rear	295 / 320 mm (11,6 / 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	
Air pressure offroad	1,0 bar (14 psi)	
Air press. road, driver only	1,5 bar (21 psi)	
Tyres rear	140/80-18 70R	
Air pressure offroad	1,2 bar (17 psi)	
Air press. road, driver only	2,0 bar (28 psi)	
Fuel tank capacity	9 liter (2,38 US gallons) of that 2,5 liter (0,66 US gallons) reserve	
Final drive ratio	16:48 (14:50)	16:40 (15:50)
Chain	5/8 x 1/4 " O-Ring	
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	122 kg (269 lbs)	

## STANDARD ADJUSTMENT - FORK

	05.18.T7.81
Compression adjuster	10
Rebound adjuster	12
Spring	4,2 N/mm
Spring preload	6 mm (0,24 in)
Air chamber length	130 mm (5,1 in)
Capacity per fork leg	ca 700 ccm
Fork oil	SAE5

## STANDARD-ADJUSTMENT - SHOCK ABSORBER

	01.18.T7.05
Compression adjuster	3
Rebound adjuster	5
Spring	63 / 260
Spring preload	23 mm (0,9 in)

### 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	23 Nm	(17 ft.lb)
Clamping screw bottom triple clamp	M8	18 Nm	(13 ft.lb)
Clamping screws fork leg axle passage	M8	10 Nm	(7 ft.lb)
Collar screw handlebar clamp	M8	20 Nm	(15 ft.lb)
Allan head screw handlebar support	M10	40 Nm	(30 ft.lb)
Other screws chassis	M6	10 Nm	(7 ft.lb)
	M8	25 Nm	(18 ft.lb)
	M10	45 Nm	(33 ft.lb)