

TECHNICAL SPECIFICATIONS - CHASSIS 660 SMC 2003

	660 SMC
Frame	Central chrome-moly-steel frame
Fork	White Power 4860 MXMA
Wheel travel front/rear	265 / 310 mm (10,6 / 12,4 in)
Rear suspension	Central shock absorber (WP BAVP4681) with PRO-LEVER linkage to rear- swing-arm with needle bearing
Front brake	Disc brake with carbon-steel brake disc, and 4 piston brake caliper
Front brake disc	Ø 320 mm (12,8 in)
Rear brake	Disc brake with carbon-steel brake disc Ø 220 mm (8.8 in), brake caliper floated
Tyres front	120/70-17
Air press.	2 bar (29 psi)
Tyres rear	160/60-17
Air press.	2,2 bar (31 psi)
Fuel tank capacity	9 liter (2,3 US gallons), 2.5 liter (0,6 US gallons) reserve
Final drive ratio	16:38
Chain	X – Ring 5/8 x 1/4"
Bulps	headlight H4 12V 60/55W (socket P43t) parking light 12V 5W (socket W2,1x9,5d) indicator lamps 12V 1,2W (socket W2x4,6d) brake – rear light 12V 21/5 W (socket BaY15d) flasher light 12V 10W (socket Ba15s) license plate illumination . . . 12V 5W (socket W2,1x9,5 d)
Steering angle	63 °
Wheel base	1510 ± 10 mm (59.4 ± 0.4 in)
Seat high	910 mm (36,4 in)
Ground clearance	290 mm (11,6 in)
Dead weight without fuel	131 kg (289 lbs)

STANDARD ADJUSTMENT - FORK

	660 SMC WP 1418X738
Compression adjuster	20
Rebound adjuster	15
Spring	4,4 N/mm
Spring preload	28 mm
Air chamber length	110 mm
Fork oil	SAE 5

STANDARD-ADJUSTMENT-SHOCK ABSORBER

	660 SMC WP 0118X730
Compression adjuster	4
Rebound adjuster	8
Spring	70 / 260
Spring preload	22 mm

TIGHTENING TORQUES - CHASSIS 660 SMC 2003		
Collar nut front axle	M24x1,5	40 Nm
Collar nut rear axle	M20x1,5	80 Nm
Shock absorber top	M10 (10.9)	45 Nm
Shock absorber bottom	M10 (10.9)	45 Nm
Collar screws brake disk front	M6 (10.9)	Loctite 243 + 10Nm
Collar screws brake disk rear	M6 (10.9)	Loctite 243 + 10Nm
Allan head screw brake caliper front	M10	Loctite 243 + 40 Nm
Bearing bolt linkage arm/frame	M12	60 Nm
Collar nuts rocker arm bolts	M14x1,5	100 Nm
Engine mounting screw	M10	45 Nm
Ball joint for push rod	M8	Loctite 243 + 25 Nm
Sprocket screws on nuts	M8	Loctite 243 + 35 Nm
Collar nut swingarm bolt	M14x1,5	100 Nm
Clamping screws top triple clamp	M8	20 Nm
Clamping screws bottom triple clamp	M8	15 Nm
Clamping screws fork stubs	M8	10 Nm
Screws handlebar clamp	M8	20 Nm
Allan head screw handle bar support	M10	Loctite 243 + 20 Nm
Spoke nipple	M4	4 Nm
Other screws/collar nuts on chassis	M6	10 Nm/15 Nm
	M8	25 Nm/30 Nm
	M10	45 Nm/50 Nm