

# TECHNICAL SPECIFICATIONS - CHASSIS 625 SXC 2004

<b>625 SXC</b>	
Frame	Central chrome-moly-steel frame
Fork	<b>White Power 4357 MXMA</b>
Wheel travel front/rear	295 / 320 mm (11,8 / 12,8 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, brake caliper floated
Front brake disc	Ø 260 mm (10,4 in)
Rear brake	Disc brake with carbon-steel brake disc Ø 220 mm (8.8 in), brake caliper floated
Tyres front	90/90-21 Pirelli MT21
Air press. offroad	1,0 - 1,5 bar (14,5 - 21,75 psi)
Air press. road	1,8 bar (26 psi)
Tyres rear	140/80-18 Pirelli MT21
Air press offroad	1,0 - 1,5 bar (14,5 - 21,75 psi)
Air press. road	2,0 bar (29 psi)
Fuel tank capacity	9 liter (2,3 US gallons), 2.5 liter (0,6 US gallons) reserve
Final drive ratio	16:40 ( USA 15:50) t
Chain	X – Ring 5/8 x 1/4"
Bulps	headlight . . . . . HS1 12V 35/35 W (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)
Battery	maintenance-free battery 12V 8,6 Ah
Steering angle	62,5 °
Wheel base	1510 ± 10 mm (59.4 ± 0.4 in)
Seat high	980 mm (39,2 in)
Ground clearance	360 mm (14,4 in)
Dead weight without fuel	132 kg (291 lbs)

STANDARD ADJUSTMENT - FORK	
<b>625 SXC WP 0518Y736</b>	
Compression adjuster	20
Rebound adjuster	12
Spring	4,2 N/mm
Spring preload	5 mm
Air chamber length	140 mm
Fork oil	SAE 5

STANDARD-ADJUSTMENT-SHOCK ABSORBER	
<b>625 SXC WP 0118Y732</b>	
Compression adjuster	3
Rebound adjuster	5
Spring	63 / 260
Spring preload	23 mm

<b>TIGHTENING TORQUES - CHASSIS 625 SXC 2004</b>		
Collar nut front axle	M16x1,5	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
Screw brake caliper front	M8	Loctite 243 + 25 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 + 40 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