

# TECHNICAL SPECIFICATIONS – CHASSIS 450 SUPERMOTO FACTORY REPLICA 2004

Frame	Central chrome-moly-steel frame
Fork	White Power Up Side Down 48
Wheel travel front/rear	280 / 290 mm
Rear suspension	WP Progressive Damping System shock absorber, aluminium swing-arm
Front brake	Disc brake with floating brake disc, 4-piston brake caliper
Front brake disc	Ø 320 mm
Rear brake	Disc brake with brake disc Ø 220 mm, brake caliper floated
Tyres front	125/80 R 420 (16,5")
Air pressure	1,4 – 1,8 bar
Tyres rear	165/55 R 17
Air press. road	1,4 – 1,7 bar
Fuel tank capacity	7 liters (1.85 US gallons)
Final drive ratio	14:45 t
Chain	5/8 x 1/4"
Steering angle	63,5°
Wheel base	1456 ± 10 mm
Seat high	900 mm ± 8 mm
Ground clearance	295 mm
Dead weight without fuel	109 kg

## STANDARD ADJUSTMENT - FORK

	WP4860MXMA 1418Y751
Compression adjuster	15
Rebound adjuster	15
Spring	4,6 N/mm
Spring preload	*499 mm
Air chamber length	100 mm
Fork oil	SAE 5

## STANDARD-ADJUSTMENT - SHOCK ABSORBER

	WP PDS 5018 BAVP 1218Y786
Compression adjuster	13 LS (low speed) 2 HS (high speed)
Rebound adjuster	19
Spring	88-240 Titanium
Spring preload	8 mm

\* Total length spring with spacers

## TIGHTENING TORQUES - CHASSIS 450 SUPERMOTO FACTORY REPLICA 2004

Collar nut front axle	M24x1,5	40 Nm	(30ft.lb)
Collar nut rear axle	M20x1,5	80 Nm	(59ft.lb)
Shock absorber top	M12	60 Nm	(44ft.lb)
Shock absorber bottom	M12	60 Nm	(44ft.lb)
Collar screws brake disks	M6 (10.9)	Loctite 243 + 10Nm	(7ft.lb)
Screws brake caliper support front	M8	Loctite 243 + 25 Nm	(19ft.lb)
Screws brake caliper front	M10	Loctite 243 + 45 Nm	(33ft.lb)
Engine mounting screw	M10	45 Nm	(33ft.lb)
Ball joint for push rod foot brake cylinder	M8	Loctite 243 + 25 Nm	(19ft.lb)
Sprocket screws on nuts	M8	Loctite 243 + 35 Nm	(25ft.lb)
Collar nut swingarm bolt	M14x1,5	100 Nm	(74ft.lb)
Clamping screws fork legs top triple clamp	M8	10 Nm	(7ft.lb)
Clamping screws steering stem top triple clamp	M8	20 Nm	(15ft.lb)
Clamping screws fork legs bottom triple clamp	M8	10 Nm	(7ft.lb)
Clamping screws steering stem bottom triple clamp	M8	20 Nm	(15ft.lb)
Clamping screws fork stubs	M8	10 Nm	(7ft.lb)
Collar screw steering head	M20x1,5	40 Nm	(30ft.lb)
Screws handlebar clamp	M8	20 Nm	(15ft.lb)
Allan head screw handle bar support	M10	Loctite 243 + 40 Nm	(30ft.lb)
Spoke nipple	M4	4 Nm	(3ft.lb)
Other screws/collar nuts on chassis	M6	10 Nm/15 Nm	(7ft.lb)/(11ft.lb)
	M8	25 Nm/30 Nm	(19ft.lb)/(22ft.lb)
	M10	45 Nm/50 Nm	(33ft.lb)/(37ft.lb)