

TECHNICAL SPECIFICATIONS - CHASSIS 660 RALLYE FACTORY REPLICA 2004

	660 RALLYE FACTORY REPLICA
Frame	Central chrome-moly-steel-frame
Fork	White Power – Up Side Down 48
Wheel travel front/rear	295 / 320 (11.6 / 12.6 in)
Rear suspension	Central shock absorber (WP) with PRO LEVER linkage to rear-swingarm with needle bearing
Front brake	Disk brake with carbon-steel brake, brake caliper floated brake disk Ø = 300 mm (11,8 in)
Rear brake	Disk brake with carbon-steel brake disk Ø 220 mm (8,7 in), brake caliper floated
Tyres front Air press. road, driver only	90/90-21 1,5 bar (21 psi)
Tyres rear Air press. road, driver only	140/80-18 2,0 bar (28 psi)
Fuel tank capacity	each main tank 12 litre each side tank 12 litre
Final drive ratio	16:44
Chain	X-Ring 5/8 x 1/4"
Battery	maintenance-free battery 12V 8Ah
Steering angle	62,5°
Wheel base	1510 ± 10 mm (59.5 ± 0.4 in)
Seat high	980 mm (38.6 in)
Ground clearance	approx. 320 mm (12.6 in)
Dead weight whitout fuel	158 kg (349 lb)
Max. permissible front axle load	211 kg (466 lb)
Max. permissible rear axle load	335 kg (740 lb)
Max. permissible laden weight	350 kg (773 lb)

STANDARD ADJUSTMENT - FORK	
WP4860MXMA	WP 14.18.Y7.54
Compression adjuster	15
Rebound adjuster	14
Spring	4,8 N/mm
Spring preload	522mm - 20.5 inch)*
Air chamber length	120 mm (4.7 inch)
Fork oil	SAE 5

*Total length with spacers

STANDARD ADJUSTMENT - SHOCK ABSORBER	
	WP 01.18.Y7.38
Compression adjuster	5
Rebound adjuster	5
Spring	66-86/280
Spring preload	5 mm (0,2 inch)

TORQUES		
Collar nut front axle	M16x1,5	40Nm (30 ft.lb)
Brake caliper front	M8	Loctite 243 + 25Nm (18 ft.lb)
Collar nut rear axle	M20x1,5	80Nm (59 ft.lb)
Hex. nut swing arm bolt	M14x1,5	100Nm (74 ft.lb)
Clamping screw top triple clamp	M8	20Nm (15 ft.lb)
Clamping screw bottom triple clamp	M8	15Nm (11 ft.lb)
Clamping screws fork leg axle passage	M8	10Nm (7 ft.lb)
Collar screw handlebar clamp	M8	Loctite 243 + 20Nm (15 ft.lb)
Allan head screw handlebar support	M10	Loctite 243 + 40Nm (30 ft.lb)
Collar nut connecting rod pro lever system	M12x1,75	60Nm (44 ft.lb)
Collar screw brake discs front/rear	M6	Loctite 243 + 15Nm (11 ft.lb)
Other screws chassis	M6	10Nm (7 ft.lb)
	M8	25Nm (18 ft.lb)
	M10	45Nm (33 ft.lb)
Self locking nut rear sprocket	M8	Loctite 243 + 35Nm (26 ft.lb)
Ball joint for push rod rear brake cylinder	M6	Loctite 243 + 10Nm (7 ft.lb)
Other collar nuts chassis	M6	15Nm (11 ft.lb)
	M8	30Nm (22 ft.lb)
	M10	50Nm (37 ft.lb)