

# TECHNICAL SPECIFICATIONS – CHASSIS »

CHASSIS	660 SMC
Frame	Central chrome-moly-steel frame
Fork	WP Suspension 4860 MXMA
Wheel travel front/rear	275 / 260 mm (10.8 / 10.2 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 (12.6 in)
Rear brake	Disc brake with carbon-steel brake disc Ø 220 mm (8.7 in), brake caliper floated
Tyres front	120/70-17
Air pressure, road – driver only	2.0 bar (29 psi)
Tyres rear	160/60-17
Air pressure, road – driver only	2.2 bar (31 psi)
Fuel tank capacity	9.2 liter (2.4 US gallons), 2.5 liter (0.6 US gallons) reserve
Final drive ratio	17:40
Chain	5/8 x 1/4" X-Ring
Bulbs	headlight . . . . .12V 35/35 W (socket P43t) parking light . . . . .12V 5W (socket W2,1x9,5d) indicator lamps . . . . .12V 1,2W (socket W2x4,6d) brake light . . . . .12V 21W (socket Ba15s) brear light . . . . .12V 5W (socket W2,1x9,5d) flasher light . . . . .12V 10W (socket Ba15s) license plate illumination . . . .12V 5W (socket W2,1x9,5d)
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	134 kg (296 lbs)

STANDARD ADJUSTMENT – FORK	
660 SMC	WP 4860 MXMA 14187B07
Compression adjuster	23
Rebound adjuster	19
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 BAVP 4681 01187B02
Compression adjuster	4
Rebound adjuster	8
Spring	70/260
Spring preload	20 mm

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TIGHTENING TORQUES – CHASSIS		
Collar screw front axle	M24x1,5	60 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 + 14 Nm
Collar screws brake disk rear	M6 (10.9)	Loctite 243 + 14 Nm
Allan head screw brake caliper front	M10	Loctite 243 + 45 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	15 Nm
Screws handlebar clamp	M8	20 Nm
Allan head screw handle bar support	M10	Loctite 243 + 40 Nm
Spoke nipple	M4	5 Nm ± 1 Nm
Other screws/collar nuts on chassis	M6	10 Nm / 15 Nm
	M8	25 Nm / 30 Nm
	M10	45 Nm / 50 Nm