

# TECHNICAL SPECIFICATIONS - CHASSIS »

	625 SXC	625 SMC
Frame	Central chrome-moly-steel frame	
Fork	WP Suspension 4357 MXMA	WP Suspension 4860 MXMA
Wheel travel front/rear	295 / 300 mm (11.6 / 11.8 in)	265 / 300 mm
Rear suspension	Central shock absorber (WP BAVP4681) with PRO-LEVER linkage to rear- swing-arm with needle bearing	
Front brake	Brake caliper floated	4 piston brake caliper
Front brake disc	Disc brake with carbon-steel brake disc Ø 260 mm	Disc brake with carbon-steel brake disc Ø 320 mm
Rear brake	Disc brake with carbon-steel brake disc B 220 mm (8.8 in), brake caliper floated	
Tyres front	90/90-21	120/70-17
Air press. offroad / SM	1.0 - 1.5 bar	1.0 - 1.5 bar
Air press. road	2.0 bar	2.0 bar
Tyres rear	140/80-18	160/60-17
Air press offroad / SM	1.0 - 1.5 bar	1,6 bar
Air press. road	2.0 - 2.2 bar	2.2 - 2.4 bar
Fuel tank capacity	9.2 liter (2.4 US gallons), 2.5 liter (0.5 US gallons) reserve	
Final drive ratio	17:40	16:38
Chain	5/8 x 1/4" X-Ring	
Headlight	12V 35/35 W (Socket P43t)	12V 35/35 W (Socket P43t)
Parking light	12V 5W (Socket W2,1x9,5d)	12V 5W (Socket W2,1x9,5d)
Indicator lamps	12V 1,2W (Socket W2x4,6d)	12V 1,2W (Socket W2x4,6d)
Brake light	12V 21/5W (Socket BaY15d)	12V 21W (Socket Ba15s)
Rear light	12V 21/5W (Socket BaY15d)	12V 5W (Socket W2,1x9,5d)
Flasher light	12V 10W (Socket Ba15s)	12V 10W (Socket Ba15s)
License plate illumination	12V 5W (Socket W2,1x9,5d)	12V 5W (Socket W2,1x9,5d)
Battery	maintenance-free battery 12V 8,6 Ah	
Steering angle	62.5°	63°
Wheel base	1510 ± 10 mm (59.4 ± 0.4 in)	1510 ± 10 mm
Seat high	940 mm (37.0 in)	910 mm
Ground clearance	330 mm (12.9 in)	290 mm
Dead weight without fuel	139 kg (306.4 lbs)	

STANDARD ADJUSTMENT - FORK		
	625 SXC 05187B01	625 SMC 14187B07
Compression adjuster	20	23
Rebound adjuster	12	19
Spring	4,2 N/mm	4,4 N/mm
Spring preload	5 mm	28 mm
Air chamber length	140 mm	110 mm
Fork oil	SAE 5	SAE 5

STANDARD-ADJUSTMENT-SHOCK ABSORBER		
	625 SXC 01187B01	625 SMC 01187B02
Compression adjuster	3	4
Rebound adjuster	5	8
Spring	63 / 260	70 / 260
Spring preload	23 mm	20 mm

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TIGHTENING TORQUES - CHASSIS		
Collar nut front axle SXC	M16x1,5	40 Nm
Collar nut front axle SMC	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 rear	M6 (10.9)	Loctite 243 + 14 Nm
Collar screws brake disk front	M6 (10.9)	Loctite 243 + 14 Nm
Screw brake caliper front	M8	Loctite 243 + 25 Nm
Allan head screw brake caliper front SMC	M10	Loctite 243 + 40 Nm
Bearing bolt linkage arm/frame	M12	60 Nm
Collar nuts rocker arm bolts	M14x1.75	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	5 Nm
Other screws / collar nuts on chassis	M6 M8 M10	10 Nm / 15 Nm 25 Nm / 30 Nm 45 Nm / 50 Nm