

# TECHNICAL SPECIFICATIONS – CHASSIS 125/250 SX 2007»

CHASSIS	125 SX	250 SX
Frame	Central chrome-moly-steel frame	
Fork	WP – Up Side Down 4860 MXMA CC (Closed Cartridge Multi Adjuster)	
Wheel travel front/rear	300/335 mm (11.8/13.2 in)	
Rear suspension	WP PDS 5018 DCC B07	
Front brake	Disc brake with carbon-steel brake disc Ø 260 mm (10.2 in), brake caliper floated	
Rear brake	Disc brake with carbon-steel brake disc Ø 220 mm (8.7 in), brake caliper floated	
Brake discs	Wear limit 2.50 mm (0.1 in) front / 3.50 mm (0.14 in) rear	
Front tires	Bridgestone M59 80/100-21"	
Air pressure offroad	1,0 bar (14 psi)	
Rear tires	Bridgestone M70 100/90-19"	Bridgestone M70 110/90-19"
Air pressure offroad	1,0 bar (14 psi)	
Fuel tank capacity	7.5 Liter (liters)	
Final drive ratio	13:50 t	13:48 t
Available final sprockets	38t, 40t, 42t, 45t, 48t, 49t, 50t, 51t, 52t	
Chain	5/8 x 1/4 "	
Steering head angle	63°	63,5°
Wheel base	1471 ± 10 mm (57.9 in ± 0.4 in)	1475 ± 10 mm (58.1 in ± 0.4 in)
Seat height, unloaded	925 mm (36,5 in)	
Ground clearance, unloaded	390 mm (15.3 in)	385 mm (15.2 in)
Weight (without fuel)	89,5 kg (197.3 lbs)	95,4 kg (210.3 lbs)

STANDARD ADJUSTMENT – FORK		
	125 SX	250 SX
	WP 4860 MXMA CC 14.18.7C.01	WP 4860 MXMA CC 14.18.7C.03
Compression adjuster	18	15
Rebound adjuster	21	20
Spring	432.455.00.042W	432.455.00.044W
Fork oil	SAE 5	SAE 5

STANDARD ADJUSTMENT – SHOCK ABSORBER		
	125 SX	250 SX
	WP 5018 PDS DCC 12.18.7C.01	WP 5018 PDS DCC 12.18.7C.03
Compression adjuster	15 LS (low speed) 1 HS (high speed)	15 LS (low speed) 1 HS (high speed)
Rebound adjuster	25	25
Spring	60-250	63-250
Spring preload	5 mm (0.19 in)	5 mm (0.19 in)

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TIGHTENING TORQUES – CHASSIS		
Collar screw, front wheel spindle	M24x1,5	40 Nm
Brake caliper, front	M8	Loctite 243 + 25 Nm
Brake disks	M6	14 Nm
Clamping screws, upper fork bridge	M8	17 Nm
Clamping screws, lower fork bridge	M8	12 Nm
Clamping screws, upper steering stem	M8x25	Loctite 243 + 17 Nm
Blind screw (top)	M20x1,5	10 Nm
Collar screw (bottom)	M20x1,5	Loctite 243 + 60 Nm
Clamping screws, fork stubs	M8	15 Nm
Collar nut, rear wheel spindle	M20x1,5	80 Nm
Hexagon nut, swing arm bolt	M16x1,5	100 Nm
Hexagon collar screw, handlebar clamp	M8	20 Nm
Allan head screw, handlebar support	M10	Loctite 243 + 40 Nm
Shock absorber, top	M12	Loctite 243 + 70 Nm
Shock absorber, bottom	M12	Loctite 243 + 70 Nm
Sprocket screws	M8	Loctite 243 + 35 Nm
Ball joint for push rod	M6	10 Nm
Engine mounting bolt	M10	60 Nm
Engine brace	M8	33 Nm
Screw adjusting ring spring preload shock abs.	M6	8 Nm
Spoke nipple	SW 7	5 Nm
Other screws on chassis	M6	10 Nm
	M8	25 Nm
	M10	45 Nm
Other collar nuts on chassis	M6	15 Nm
	M8	30 Nm
	M10	50 Nm