

TECHNICAL SPECIFICATIONS – CHASSIS 2007

	450 / 505 SX-F	450 SXS-F
Frame	Central tube chrome-molybdenum-steel frame	
Fork	4860 MXMA CC	
Fork offset (caster)	adjustable 18mm/20mm	adjustable 17.5mm/20.5mm
Front/rear suspension travel	300/335 mm	
Rear suspension	WP Progressive Damping System shock absorber, aluminum swing arm	
Front brake	Disk brake with perforated Ø 260 mm brake disk, brake caliper floated	
Rear brake	Disk brake with perforated Ø 220 mm brake disk, brake caliper floated	
Brake disks, Wear limit	2.5 mm front; 3.5 mm rear	2.5 mm front; 3.8 mm rear
Tires, front	80/100 - 21"	
Off-road air pressure	1.0 bar	
Tires, rear	110/90 - 19"	
Off-road air pressure	1.0 bar	
Fuel tank capacity	approx. 8 liters	
Final drive ratio	14:52	
Chain	5/8 x 1/4"	
Battery	maintenance-free battery 12V 3 Ah and 4 Ah	
Steering head angle	63.5°	
Wheel base	1475 ± 10 mm	
Seat height, unloaded	925 mm	
Ground clearance, unloaded	380 mm	
Weight (without fuel)	approx. 104 kg	

STANDARD ADJUSTMENT – FORK

	450 / 505 SX-F WP 4860 MXMA CC 14.18.7C.05	450 SXS-F WP 4860 MXMA CC 14.18.7C.16
Compression adjuster	15	15
Rebound adjuster	21	22
Spring	4.6 N/mm	4.6 N/mm
Oil quantity fork tube without CC	375 ml	380 ml
Oil quantity CC	195 ml	195 ml
Gas pressure	1.2 bar	1.8 bar
Fork oil	SAE 5	SAE 5

STANDARD ADJUSTMENT – SHOCK ABSORBER

	450 / 505 SX-F WP 5018 PDS DCC 12.18.7C.05	450 SXS-F WP 5018 PDS DCC 12.18.7C.12
Compression adjuster	15 LS (low speed) 1 HS (high speed)	12 LS (low speed) 20 HS (high speed)
Rebound adjuster	25	20
Spring	66-250	72-250
Spring preload	7 mm	7 mm
Static sag	33 mm	33 mm
Riding sag	110 mm	107 mm

TIGHTENING TORQUES - CHASSIS		
Spoke nipple	M4.5 / M5	5 Nm
Screw on brake disk	M6	Loctite 243 + 14 Nm
Screw on push rod ball joint	M6	10 Nm
Screw on brake caliper, front	M8	Loctite 243 + 25 Nm
Screw on upper triple clamp	M8	17 Nm
Screw on lower triple clamp	M8	12 Nm
Screw on steering stem	M8	Loctite 243 + 17 Nm
Screw on fork stub	M8	15 Nm
Screw on handlebar clamp	M8	20 Nm
Nut for rear sprocket screw cap	M8	Loctite 2701 + 35 Nm
Screw for bracket mounting	M8	Loctite 2701 + 35 Nm
Screw for engine brace	M8	33 Nm
Nut for rim lock	M8	10 Nm
Screw for handlebar mount	M10	Loctite 243 + 40 Nm
Screw for engine mount	M10	60 Nm
Nut for seat mount	M12x1	20 Nm
Screw for shock absorber	M12	Loctite 243 + 70 Nm
Nut for swing arm bolt	M16x1.5	100 Nm
Screw for steering head, top	M20x1.5	10 Nm
Screw for steering head, bottom	M20x1.5	Loctite 243 + 60 Nm
Nut for rear wheel spindle	M20x1.5	80 Nm
Threaded sleeve on frame	M20x1.5	Loctite 243 + 12 Nm
Screw for front wheel spindle	M24x1.5	40 Nm
Other chassis screws	M6	10 Nm
	M8	25 Nm
	M10	45 Nm
Other chassis nuts	M6	15 Nm
	M8	30 Nm
	M10	50 Nm