

## TECHNICAL DATA – CHASSIS »

CHASSIS	250-F		
Frame	Central tube chrome-moly-steel frame		
Fork	WP Suspension – 4860 MXMA CC / MXMA + PA		
Wheel travel front/rear	300/335 mm		
Rear suspension	WP Suspension – 5018 PDS DCC, aluminium swing arm		
Front brake	Disk brake with carbon-steel brake disc Ø 260 mm (10.2 in), brake caliper floated		
Rear brake	Disk brake with carbon-steel brake disc Ø 220 mm (8.7 in), brake caliper floated		
Brake disc	Wear limit max. 2,5 mm front and 3,5 mm rear		
Front tires	SX-F, XC-F, XCF-W 80/100-21“	EXC-F, EXC-F Six Days 90/90-21“	
Air pressure offroad Air pressure road	1.0 bar 1.5 bar		
Rear tires	SX-F 100/90-19“	XC-F, XCF-W 100/100-18“	EXC-F, EXC-F Six Days 120/90-18“
Air pressure offroad Air pressure road	1.0 bar 2.0 bar		
Fuel tank capacity	250 SX-F: 7.2 liters 250 XC-F, XCF-W, EXC-F: 9.2 liters, 2 liters Reserve		
Final drive ratio	250 SX-F, XC-F 13:48	250 XCF-W, EXC-F Six Days 13:52	250 EXC-F 14:38 (13:52)
Chain	5/8 x 1/4“		
Available final sprockets	38, 40, 42, 45, 48, 49, 50, 51, 52		
Bulbs (250 XCF-W ZA, 250 EXC-F, Six Days)	headlight	12V 35/35W (socket BA20D)	
	parking light	12V 5W (socket W2, 1x9,5d)	
	brake - rear light	12V 21/5W (socket BaY15d)	
	flasher light	12V 10W (socket Ba15s)	
Battery	maintenance-free battery 12V 4Ah		
Steering head angle	63.5°		
Wheel base	1475 ± 10 mm		
Seat height, unloaded	925 mm (36.5 in)		
Ground clearance, unloaded	380 mm (15.1 in)		
Weight (without fuel)	SX-F: 96.5 kg    XC-F: 104.2 kg    XCF-W USA: 105.2 kg    XCF-W ZA, EXC-F, EXC-F Six Days: 107.2 kg		

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STANDARD ADJUSTMENT – FORK				
	250 SX-F	250 XC-F	250 XCF-W, EXC-F	250 EXC-F Six Days
	WP 4860 MXMA CC 14.18.7D.03	WP 4860 MXMA CC 14.18.7D.28	WP 4860 MXMA PA 14.18.7D.04	WP 4860 MXMA PA 14.18.7D.34
Compression adjuster	14	20	22	24
Rebound adjuster	21	21	20	22
Spring	4.4 N/mm	4.4 N/mm	4.2 N/mm	4.4 N/mm
Spring preload	–	–	2 turns	2 turns
Air chamber length	–	–	110 mm	110 mm
Fork oil	SAE 5	SAE 5	SAE 5	SAE 5

STANDARD ADJUSTMENT – SHOCK ABSORBER				
	250 SX-F	250 XC-F	250 XCF-W, EXC-F	250 EXC-F Six Days
	WP 5018 PDS DCC 12.18.7D.03	WP 5018 PDS DCC 12.18.7D.28	WP 5018 PDS DCC 12.18.7D.04	WP 5018 PDS DCC 12.18.7D.34
Compression adjuster	14 LS (low speed) 1.0 HS (high speed)	15 LS (low speed) 1.0 HS (high speed)	15 LS (low speed) 1.5 HS (high speed)	15 LS (low speed) 1.5 HS (high speed)
Rebound adjuster	23	23	24	22
Spring	66/250	66/250	69/250	69/250
Spring preload	5 mm	5 mm	6 mm	8 mm

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 XCF-W ZA, EXC-F	M8	20 Nm
Clamping screws, lower fork bridge XCF-W ZA, EXC-F	M8	15 Nm
Clamping screws, upper fork bridge SX-F, XC-F, XCF-W USA, EXC-F Six Days	M8	17 Nm
Clamping screws, lower fork bridge SX-F, XC-F, XCF-W USA, EXC-F Six Days	M8	12 Nm
Clamping screw, steering stem	M8	Loctite 243 + 17 Nm
Clamping screws, fork stubs	M8	15 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 + 80 Nm
Shock absorber, bottom	M12	Loctite 243 + 80 Nm
Collar nut, swing arm bolt	M20x1,5	80 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
Spoke nipple	M4,5 / M5	5 Nm
Screw adjusting ring spring preload shock abs.	M6	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