

## TECHNICAL DATA – CHASSIS »

CHASSIS	250 SX-F	450 SX-F
Frame	Central tube chrome-moly-steel frame	
Fork	WP 4860 CC MA	
Wheel travel front/rear	300/335 mm	
Rear suspension	WP PDS shock absorber 5018 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	80/100-21"	
Air pressure offroad	1.0 bar	
Rear tires	110/90-19"	
Air pressure offroad	1.0 bar	
Fuel tank capacity	8 liters (2.1 US gall.)	
Final drive ratio	13:48	14:52
Chain	5/8 x 1/4"	
Available final sprockets	38, 40, 42, 45, 48, 49, 50, 51, 52	
Battery	-	maintenance free 12V 3 Ah and 4Ah
Steering head angle	63.5°	
Wheel base	1475 ± 10 mm	
Seat height, unloaded	925 mm	
Ground clearance, unloaded	380 mm	
Weight (without fuel)	approx . 98.2 kg	approx . 104.2 kg

### STANDARD ADJUSTMENT – FORK

	250 SX-F	450 SX-F
	WP 4860 CC MA 14.18.7C.03	WP 4860 CC MA 14.18.7C.05
Compression adjuster	15	15
Rebound adjuster	20	21
Spring	4.4 N/mm	4.6 N/mm
Oil capacity without CC	385 ml	375 ml
Oil capacity CC	195 ml	195 ml
Gas pressure	1.2 bar	1.2 bar
Fork oil	SAE 5	SAE 5

### STANDARD ADJUSTMENT – SHOCK ABSORBER

	250 SX-F	450 SX-F
	WP PDS 5018 DCC 12.18.7C.03	WP PDS 5018 DCC 12.18.7C.05
Compression adjuster	15 LS (low speed)	15 LS (low speed)
	1 HS (high speed)	1 HS (high speed)
Rebound adjuster	25	25
Spring	63-250	66-250
Spring preload	5 mm	5 mm
Static sag	33 mm	33 mm
Riding sag	107 mm	107 mm

# TECHNICAL DATA – CHASSIS »

TIGHTENING TORQUES – CHASSIS 250/450 SX-F		
Collar screw, front wheel spindle	M24x1,5	40 Nm
Brake caliper, front	M8	Loctite 243 + 25 Nm
Brake disks	M6	Loctite 243 + 14 Nm
Clamping screws, top triple clamp	M8	17 Nm
Clamping screws, bottom triple clamp	M8	12 Nm
Clamping screws, fork stubs	M8	15 Nm
Clamping screw steering stem	M8	Loctite 243 + 17 Nm
Steering head screw top	M 20x1,5	10 Nm
Steering head screw bottom	M 20x1,5	Loctite 243 + 60 Nm
Collar 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	70 Nm
Shock absorber, bottom	M12	70 Nm
Collar nut rear wheel spindle	M20x1,5	80 Nm
Sprocket screws	M8	Loctite 2701 + 35 Nm
Ball joint for push rod	M6	10 Nm
Engine mounting bolt	M10	60 Nm
Engine brace	M8	33 Nm
Spoke nipple		4,5 - 6 Nm
Screw adjusting ring spring preload shock abs.	M6	8Nm
Seat fixing nut	M 12x1	20 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