

TECHNICAL DATA	
<b>CHASSIS</b>	<b>250 SXF</b>
Frame	Central tube chrome-moly-steel frame
Fork	4860 PA/MA
Wheel travel front/rear	300/335 mm
Rear suspension	WP <b>Progressive Damping System</b> shock absorber, 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 (14 psi)
Rear tires	100/90 - 19"
Air pressure offroad	1.0 bar (14 psi)
Fuel tank capacity	7 liters (2 US gallons)
Final drive ratio	13:48 t
Chain	X-Ring 5/8 x 1/4 "
Steering head angle	63.5°
Wheel base	1491 ± 10 mm
Seat height, unloaded	925 mm
Ground clearance, unloaded	390 mm

STANDARD ADJUSTMENT – FORK	
	<b>250 SXF</b>
	WP 4860 MA-PA 14187A03
Compression adjuster	22
Rebound adjuster	20
Spring	4.4 N/mm
Spring preload	5 mm
Air chamber length	100 mm
Fork oil	SAE 5

STANDARD ADJUSTMENT – SHOCK ABSORBER	
	<b>250 SXF</b>
	WP PDS 5018 DCC 12187A03
Compression adjuster	15 LS (low speed) 2 HS (high speed)
Rebound adjuster	22
Spring	76 N/mm linear
Spring preload	7 mm

<b>TIGHTENING TORQUES – CHASSIS 250 SXF</b>		
Collar screw, front wheel spindle	M24x1.5	40 Nm
Brake caliper, front	M8	Loctite 243 + 25 Nm
Brake disks	M6	Loctite 243 + 10 Nm
Clamping screws, upper fork bridge SX	M8	15 Nm
Clamping screws, lower fork bridge SX	M8	10 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	70 Nm
Shock absorber, bottom	M12	70 Nm
Collar nut, rear wheel spindle	M20x1.5	80 Nm
Sprocket Screws	M8	Loctite 243 + 35 Nm
Ball joint for push rod	M6	Loctite 243 + 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 absorber	M6	8Nm
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