

TECHNICAL SPECIFICATIONS CHASSIS 250 SX 2003

	250 SX
Frame	Central chrome-moly-steel frame
Fork	White Power – Up Side Down 48 MA
Wheel travel front/rear	300/335 mm (11.8/13.2 in)
Rear suspension	WP PDS 5018 (Progressive Damping System) shock absorber, aluminium swingarm
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 max. 0,4 mm (0,016in)
Front tires	80/100 - 21" 51M
Air pressure offroad	1,0 bar (14psi)
Rear tires	100/90 - 19" 57M
Air pressure offroad	1,0 bar (14psi)
Fuel tank capacity	7,5 liters (1,98 US Gallons)
Übersetzung Hinterrad	14:50Z
Übersetzung Hinterrad USA	14:50Z
Chain	5/8 x 1/4"
Available final sprockets	38t, 40t, 42t, 45t, 48t, 50t, 52t
Steering head angle	63°
Wheel base	1475 ± 10 mm (58,1 ± 0,4 in)
Seat height, unloaded	925 mm (36,5 in)
Ground clearance, unloaded	385 mm (15,2 in)

STANDARD ADJUSTMENT-FORK	
	WP 4860 MXMA 1418X726
Compression adjuster	18
Rebound adjuster	19
Spring	4,2 N/mm
Spring preload	5 mm
Air chamber length	90 mm
Fork oil	SAE 5

STANDARD ADJUSTMENT - SHOCK ABSORBER	
	WP 5018 PDS-DCC 1218X758
Compression adjuster	15 LS (low speed) 2 HS (high speed)
Rebound adjuster	26
Spring	76-95/260
Spring preload	6 mm

TIGHTENING TORQUES - CHASSIS		
Collar screw, front wheel spindle	M 24x1,5	40 Nm
Brake caliper, front	M 8	Loctite 243 + 25 Nm
Brake disk, front	M 6 10.9	Loctite 243 + 15 Nm
Brake disk, rear	M 6	Loctite 243 + 15 Nm
Clamping screws, upper fork bridge	M 8	20 Nm
Clamping screws, lower fork bridge	M 8	15 Nm
Clamping screws, fork stubs	M 8	10 Nm
Collar nut, rear wheel spindle	M 20x1,5	80 Nm
Hexagon nut, swing arm bolt	M 14x1,5	100 Nm
Hexagon collar screw, handlebar clamp	M 8	20 Nm
Allan head screw, handlebar support	M 10	Loctite 243 + 40 Nm
Shock absorber, top	M 12	60 Nm
Shock absorber, bottom	M 12	60 Nm
Sprocket screws	M 8	Loctite 243 + 35 Nm
Ball joint for push rod	M 6	Loctite 243 + 10 Nm
Engine mounting bolt	M 10	45 Nm
Engine brace	M 8	33 Nm
Screw adjusting ring spring preload shock abs.	M6	8 Nm
Spoke nipple	M4,5 /M5	5 Nm
Other screws on chassis	M 6	10 Nm
	M 8	25 Nm
	M 10	45 Nm
Other collar nuts on chassis	M 6	15 Nm
	M 8	30 Nm
	M 10	50 Nm