

TECHNICAL SPECIFICATIONS – CHASSIS 125 / 200 SX, EXC 2004

	125 SX	125 EXC	200 SX	200 EXC																		
Frame	Central chrome-moly-steel frame																					
Fork	White Power – Upside 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 (0.016 in)																					
Front tires	80/100 - 21"51M, M59	90/90 - 21" MT83	80/100 - 21"51M, M59	90/90 - 21" MT83																		
Front tires USA	80/100 - 21"51M, M59	–	80/100 - 21"51M, M59	80/100 - 21"51M, 59																		
Air pressure offroad	1.0 bar (14psi)	1.0 bar (14psi)	1.0 bar (14psi)	1.0 bar (14psi)																		
Air pressure road driver only	–	1.5 bar (21psi)	–	1.5 bar (21psi)																		
Rear tires	100/90 - 19" 57M, M70	120/90 - 18" MT 83	100/90 - 19" 57M, M70	120/90 - 18" MT83																		
Rear tires USA	100/90 - 19" 57M, M70	–	100/90 - 19" 57M, M70	100/100 - 18" 59M, M402																		
Air pressure offroad	1.0 bar (14psi)	1.0 bar (14psi)	1.0 bar (14psi)	1.0 bar (14psi)																		
Air pressure road driver only	–	2.0 bar (28psi)	–	2.0 bar (28psi)																		
Fuel tank capacity	7.5 liters (2 US Gallons)	9 liters (2.3 US Gallons)	7.5 liters (2 US Gallons)	9/11 liter (2.3/2.9 US gallons)																		
Final drive ratio	13:50t	14:38t	14:48t	14:45t / 14:48t																		
Final drive ratio USA	13:50t	13:50t	14:48t	14:48t																		
Chain	5/8 x 1/4 "																					
Available final sprockets	38t, 40t, 42t, 45t, 48t, 50t, 52t																					
Bulbs	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;">headlight</td> <td>HS1 12V 35/35W</td> </tr> <tr> <td></td> <td>parking light</td> <td>12V 5W (base W2, 1x9,5d)</td> </tr> <tr> <td></td> <td>instrument light</td> <td>12V 1,2W (base W2, 1x4,6d)</td> </tr> <tr> <td></td> <td>brake- rear light</td> <td>12V 21/5W (base BaY15d)</td> </tr> <tr> <td></td> <td>flasher light</td> <td>12V 10W (base Ba15s)</td> </tr> <tr> <td></td> <td>license plate illumination</td> <td>12V 1,2W (base 1x4,6d)</td> </tr> </table>					headlight	HS1 12V 35/35W		parking light	12V 5W (base W2, 1x9,5d)		instrument light	12V 1,2W (base W2, 1x4,6d)		brake- rear light	12V 21/5W (base BaY15d)		flasher light	12V 10W (base Ba15s)		license plate illumination	12V 1,2W (base 1x4,6d)
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Steering head angle	63°																					
Wheel base	1461 ± 10 mm (57,3 ± 0,4 in)																					
Seat height, unloaded	925 mm (36,5 in)																					
Ground clearance, unloaded	390 mm (15,3 in)																					

STANDARD ADJUSTMENT - FORK		
	125/200 SX	125/200 EXC
	WP 4860 MXMA 1418Y743	WP 4860 MXMA 1418Y744
Compression adjuster	18	20
Rebound adjuster	18	20
Spring	4,2 N/mm	3,8 N/mm
Spring preload	6 mm	5 mm
Air chamber length	90 mm	120 mm
Fork oil	SAE 5	SAE 5

STANDARD ADJUSTMENT	
FORK 125 SXS	WP4860MXMA 1418Y760
Compression adjuster	18
Rebound adjuster	19
Spring	4.0 N/mm
Spring preload	513mm (20.2in)*
Air chamber length	90 mm (3.6 in)
Fork oil	SAE 5

*Total length with spacers

STANDARD ADJUSTMENT - SHOCK ABSORBER		
	125/200 SX	125/200 EXC
	WP 5018 PDS-DCC 1218Y767	WP 5018 PDS-MCC 1218Y768
Compression adjuster	17 LS (low speed) 2 HS (high speed)	19
Rebound adjuster	22	24
Spring	80/250	84/250
Spring preload	4 mm	4 mm

STANDARD ADJUSTMENT	
SHOCK ABSORBER 125 SXS	WP 5018 PDS BAVP 1218Y778
Compression adjuster	15 LS (low speed) 2 HS (high speed)
Rebound adjuster	24
Spring	80/240
Spring preload	6 mm (0.24 in)

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 16x1,5	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	6 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