

TECHNICAL DATA - CHASSIS 450/560 SMR 2007 »

CHASSIS	450 SMR	560 SMR
Frame	Central tube chrome-moly-steel frame	
Fork	WP Up Side Down 4860 MXMA PA	
Wheel travel front/rear	275/310 mm	
Rear suspension	WP Progressive Damping System shock absorber aluminium swing arm	
Front brake	Disk brake with carbon-steel brake disc Ø 310 mm brake caliper radial	
Rear brake	Disk brake with carbon-steel brake disc Ø 220 mm brake caliper floated	
Brake disc	Wear limit max. 2,5 mm front and 3,5 mm rear	
Brake disc front	SBS-RSI-97-HH	
Brake disc rear	TOYO B 143 FF	
Front tires	Dunlop 120/75-17" KR 106	
Air pressure front	1.5 bar	
Front rim	3.50x17"	
Rear tire	Dunlop 170/55-17" KR 108	
Air pressure rear	1.6 bar	
Rear rim	5,00x17"	
Fuel tank capacity	7 liters	
Final drive ratio	14:45Z	
Chain	5/8 x 1/4"	
Available final sprockets	38Z, 40Z, 42Z, 45Z, 48Z, 49Z, 50Z, 51Z, 52Z	
Steering head angle	63,5°	
Wheel base	1471 ± 10 mm	
Seat height, unloaded	855 mm	
Ground clearance, unloaded	310 mm	
Weight	107.5 Kg	108.5 Kg

STANDARD ADJUSTMENT – FORK	
	450 / 560 SMR
	WP 4860 MXMA PA 14.18.7C.18
Compression adjuster	20
Rebound adjuster	10
Preload Adjuster (turns)	5
Spring	432.485.00.046
Air chamber length	100 mm
Fork oil	4860 0401 Motorex

STANDARD ADJUSTMENT – SHOCK ABSORBER	
	450 / 560 SMR
	WP 5018 PDS DDC 12.18.7C.15
Compression adjuster	13 LS (low speed) 2 HS (high speed)
Rebound adjuster	19
Spring	88/250
Spring preload	9 mm

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TIGHTENING TORQUES – CHASSIS		
Collar screw, front wheel spindle	M24x1.5	40 Nm
Brake caliper, MAGURA radial front	M10x1.25	Loctite 243 + 40 Nm
Brake disks	M6	Loctite 243 + 14 Nm
Clamping screws, upper fork bridge	M8	17 Nm
Clamping screws, lower fork bridge	M8	12 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 + 70 Nm
Shock absorber, bottom	M12	Loctite 243 + 70 Nm
Collar nut, swing arm bolt	M20x1.5	80 Nm
Sprocket Screws	M8	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	8 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