

Frame	Central tube frame made of chrome molybdenum steel tubing
Fork	WP Suspension 4860 MXMA CC
Suspension travel	
Front	280 mm (11.02 in)
Rear	310 mm (12.2 in)
Fork offset	
Front marking	14 mm (0.55 in)
Rear marking	16 mm (0.63 in)
Shock absorber	WP Suspension PDS 5018 DCC
Brake system	
Front	Single disc brake with radially screwed four-piston fixed caliper, floating brake disc
Rear	Single disc brake with single-piston floating caliper, fixed brake disc
Brake discs - diameter	
Front	310 mm (12.2 in)
Rear	220 mm (8.66 in)
Brake discs - wear limit	
Front	4.5 mm (0.177 in)
Rear	3.5 mm (0.138 in)
Tire air pressure	
Front	1.6 bar (23 psi)
Rear	1.6 bar (23 psi)
Final drive	14:48
Chain	5/8 x 1/4"
Rear sprockets available	38, 40, 42, 45, 48, 49, 50, 51, 52
Steering head angle	63.5°
Wheelbase	1,475±10 mm (58.07±0.39 in)
Seat height unloaded	920 mm (36.22 in)
Ground clearance unloaded	300 mm (11.81 in)
Weight without fuel, approx.	111.5 kg (245.8 lb.)
Maximum permissible front axle load	145 kg (320 lb.)
Maximum permissible rear axle load	190 kg (419 lb.)
Maximum permissible overall weight	335 kg (739 lb.)

3Ah battery	YTX4L-BS	Battery voltage: 12 V Nominal capacity: 3 Ah maintenance-free
4Ah battery	YTX5L-BS	Battery voltage: 12 V Nominal capacity: 4 Ah maintenance-free

Front tire	Rear tire
125/80 R 420 TL Dunlop KR106	170/55 R 17 TL Dunlop KR108
Additional information is available in the Service section under: http://www.ktm.com	

Capacity - fuel

Total fuel tank capacity, approx.	8.2 l (2.17 US gal)	Super unleaded (ROZ 95 / RON 95 / PON 91) (☛ p. 83)
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Fork part number	14.18.7E.18
Fork	WP Suspension 4860 MXMA CC
Compression damping	
Standard	15 clicks
Rebound damping	
Standard	15 clicks
Spring length with preload spacer(s)	482 mm (18.98 in)
Spring rate	
Weight of rider: 75... 85 kg (165... 187 lb.)	4.8 N/mm (27.4 lb/in)
Weight of rider: 85... 95 kg (187... 209 lb.)	5.0 N/mm (28.6 lb/in)
Gas pressure	1.2 bar (17 psi)
Fork length	920 mm (36.22 in)

Capacity - fork oil

Oil capacity / cartridge	195 ml (6.59 fl. oz.)	Fork oil (SAE 5) (☛ p. 82)
Oil capacity / fork tube without cartridge	400 ml (13.52 fl. oz.)	Fork oil (SAE 5) (☛ p. 82)

Shock absorber	WP Suspension PDS 5018 DCC
Compression damping, low-speed	
Standard	10 clicks
Compression damping, high-speed	
Standard	1.5 turns
Rebound damping	
Standard	20 clicks
Spring preload	11 mm (0.43 in)
Spring rate	
Weight of rider: 75... 85 kg (165... 187 lb.)	80 N/mm (457 lb/in)
Spring length	250 mm (9.84 in)
Gas pressure	10 bar (145 psi)
Static sag	15... 20 mm (0.59... 0.79 in)
Riding sag	80... 90 mm (3.15... 3.54 in)
Fitted length	403 mm (15.87 in)
Shock absorber oil	Shock absorber oil (SAE 2.5) (50180342S1) (☛ p. 83)

Spoke nipple, front wheel	M4.5	5 Nm (3.7 lbf ft)	–
Spoke nipple, rear wheel	M5	5 Nm (3.7 lbf ft)	–
Remaining nuts, chassis	M6	15 Nm (11.1 lbf ft)	–
Remaining screws, chassis	M6	10 Nm (7.4 lbf ft)	–
Screw, ball joint of push rod on foot-brake cylinder	M6	10 Nm (7.4 lbf ft)	–
Screw, front brake disc	M6	14 Nm (10.3 lbf ft)	–
Screw, rear brake disc	M6	14 Nm (10.3 lbf ft)	–
Screw, shock absorber adjusting ring	M6	5 Nm (3.7 lbf ft)	–
Nut, rear sprocket screw	M8	35 Nm (25.8 lbf ft)	Loctite® 243™
Nut, rim lock	M8	10 Nm (7.4 lbf ft)	–
Remaining nuts, chassis	M8	30 Nm (22.1 lbf ft)	–
Remaining screws, chassis	M8	25 Nm (18.4 lbf ft)	–
Screw, bottom triple clamp	M8	12 Nm (8.9 lbf ft)	–
Screw, engine brace	M8	33 Nm (24.3 lbf ft)	–
Screw, fork stub	M8	15 Nm (11.1 lbf ft)	–
Screw, handlebar clamp	M8	20 Nm (14.8 lbf ft)	–
Screw, subframe	M8	35 Nm (25.8 lbf ft)	Loctite® 243™
Screw, top steering stem	M8	17 Nm (12.5 lbf ft)	Loctite® 243™
Screw, top triple clamp	M8	17 Nm (12.5 lbf ft)	–
Engine carrying screw	M10	60 Nm (44.3 lbf ft)	–
Remaining nuts, chassis	M10	50 Nm (36.9 lbf ft)	–
Remaining screws, chassis	M10	45 Nm (33.2 lbf ft)	–
Screw, handlebar support	M10	40 Nm (29.5 lbf ft)	Loctite® 243™
Screw, front brake caliper	M10x1.25	40 Nm (29.5 lbf ft)	Loctite® 243™
Screw, bottom shock absorber	M12	80 Nm (59 lbf ft)	Loctite® 243™
Screw, top shock absorber	M12	80 Nm (59 lbf ft)	Loctite® 243™
Nut, seat fixing	M12x1	20 Nm (14.8 lbf ft)	–
Nut, swingarm pivot	M16x1.5	100 Nm (73.8 lbf ft)	–
Nut, rear wheel spindle	M20x1.5	80 Nm (59 lbf ft)	–
Screw, bottom steering head	M20x1.5	60 Nm (44.3 lbf ft)	Loctite® 243™
Screw, top steering head	M20x1.5	10 Nm (7.4 lbf ft)	–
Screw-in nozzles, cooling system	M20x1.5	12 Nm (8.9 lbf ft)	Loctite® 243™
Screw, front wheel spindle	M24x1.5	40 Nm (29.5 lbf ft)	–