

Frame	Central tube frame made of chrome molybdenum steel tubing
Fork	WP 4860 MXMA CC
Suspension travel	
front	300 mm (11.81 in)
Rear	335 mm (13.19 in)
Fork offset	
Front marking	17.5 mm (0.689 in)
Rear marking	20.5 mm (0.807 in)
Shock absorber	WP PDS 5018 DCC
Brake system	Disc brakes, brake calipers on floating bearings
Diameter of brake discs	
front	260 mm (10.24 in)
Rear	220 mm (8.66 in)
Wear limit of brake discs	
front	2.5 mm (0.098 in)
Rear	3.8 mm (0.15 in)
Tire air pressure off road	
front	1.0 bar (15 psi)
Rear	1.0 bar (15 psi)
Rear wheel gearing	14:52
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	925 mm (36.42 in)
Ground clearance unloaded	380 mm (14.96 in)
Weight without fuel	104.6 kg (230.6 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.)

4Ah battery	YTX5L-BS	Battery voltage: 12 V Nominal capacity: 4 Ah maintenance-free
Lithium-ion battery, 4.6Ah	ANR26650M1	Battery voltage: 13.2 V Nominal capacity: 4.6 Ah maintenance-free
Fuse	58011109110	10 A

Front tire	Rear tire
80/100 - 21 51 M TT Bridgestone M59	110/90 - 19 62 M TT Bridgestone M70
For further information, see: http://www.ktm.com	

Capacity - fuel

Tank capacity	8.2 l (2.17 US gal)	Super unleaded (ROZ 95 / RON 95 / PON 91) (☛ P. 82)
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Fork part number	14.18.7D.16
Fork	WP 4860 MXMA CC
Compression damping	
Comfort	18 clicks
Standard	15 clicks
Sport	12 clicks
Rebound damping	
Comfort	24 clicks
Standard	22 clicks
Sport	21 clicks
Clip position, spring preload	
Comfort	2nd groove from top
Standard	3rd groove from top
Sport	3rd groove from top
Spring length with preload spacer(s)	497 mm (19.57 in)
Spring rate	
Weight of rider: 65... 75 kg (143... 165 lb.)	4.6 N/mm (26.3 lb/in)
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	1.8 bar (26 psi)
Fork length	940 mm (37.01 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	385 ml (13.02 fl. oz.)	Fork oil (SAE 5) (☛ P. 82)

Shock absorber part number	12.18.7D.12
Shock absorber	WP PDS 5018 DCC
Compression damping, low-speed	
Comfort	15 clicks
Standard	12 clicks
Sport	10 clicks
Compression damping, high-speed	
Comfort	23 turns
Standard	20 turns
Sport	20 turns
Rebound damping	
Comfort	26 clicks
Standard	24 clicks
Sport	22 clicks
Spring preload	5 mm (0.2 in)
Spring rate	
Weight of rider: 65... 75 kg (143... 165 lb.)	72 N/mm (411 lb/in)
Weight of rider: 75... 85 kg (165... 187 lb.)	76 N/mm (434 lb/in)
Weight of rider: 85... 95 kg (187... 209 lb.)	80 N/mm (457 lb/in)
Spring length	250 mm (9.84 in)
Gas pressure	10 bar (145 psi)
Static sag	35 mm (1.38 in)
Riding sag	103 mm (4.06 in)
Fitted length	411 mm (16.18 in)

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, rear brake disc	M6	14 Nm (10.3 lbf ft)	–
Screw, front brake disc	M6	14 Nm (10.3 lbf ft)	–
Screw, shock absorber adjusting ring	M6	5 Nm (3.7 lbf ft)	–
Screw, ball joint of push rod on foot-brake cylinder	M6	10 Nm (7.4 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, front brake caliper	M8	25 Nm (18.4 lbf ft)	Loctite® 243™
Screw, top triple clamp	M8	17 Nm (12.5 lbf ft)	–
Screw, bottom triple clamp	M8	15 Nm (11.1 lbf ft)	–
Screw, fork stub	M8	15 Nm (11.1 lbf ft)	–
Screw, top steering stem	M8	17 Nm (12.5 lbf ft)	Loctite® 243™
Screw, steering stem, bottom	M8	20 Nm (14.8 lbf ft)	Loctite® 243™
Screw, handlebar clamp	M8	20 Nm (14.8 lbf ft)	–
Screw, engine brace	M8	33 Nm (24.3 lbf ft)	–
Screw, subframe	M8	35 Nm (25.8 lbf ft)	Loctite® 243™
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™
Nut, seat fixing	M12x1	20 Nm (14.8 lbf ft)	–
Screw, top shock absorber	M12	80 Nm (59 lbf ft)	Loctite® 243™
Screw, bottom shock absorber	M12	80 Nm (59 lbf ft)	Loctite® 243™
Nut, swingarm pivot	M16x1,5	100 Nm (73.8 lbf ft)	–
Nut, upper steering head	M20x1	15 Nm (11.1 lbf ft)	–
Screw, top steering head	M20x1	10 Nm (7.4 lbf ft)	–
Screw-in nozzles, cooling system	M20x1,5	12 Nm (8.9 lbf ft)	Loctite® 243™
Nut, rear wheel spindle	M20x1,5	80 Nm (59 lbf ft)	–
Screw, front wheel spindle	M24x1,5	40 Nm (29.5 lbf ft)	–