KTM

250 XC-W 2027

Enduro · 249cc 2T · US version

Safety recalls: see motoxsports.com/bikes/recalls/

Verified
21 of 22 figures read off a manual page

GEARING

Stock front sprocket	13T	p. 171
Stock rear sprocket	50T	p. 171
Chain pitch	520	p. 172
Stock chain links	– Not yet verified	
Stock final drive ratio	3.85 : 1	calc.

WHEELS AND TIRES

Front rim	– Not yet verified	
Rear rim	– Not yet verified	
Front tire	80/100-21 M/C 51M M+S TT	p. 172
Rear tire	110/100-18 M/C 64M M+S TT	p. 172

SUSPENSION

Fork	WP XPLOR CC	p. 174
Fork travel	300 mm (11.81 in)	p. 171
Shock travel	310 mm (12.20 in)	p. 171
Stock fork spring rate	– Not yet verified	
Stock shock spring rate	– Not yet verified	
Static sag, bike only	– Not yet verified	
Race sag, rider on	– Not yet verified	

FLUIDS AND CAPACITIES

Coolant capacity	1.2 l (≈ 40.6 fl oz)	p. 171
Fuel capacity	9 l (≈ 2.38 gal)	p. 173

SERVICE SPECS

Gearbox oil Engine oil (15W/50), Partially synthetic: 0.80 l		p. 171
Fork oil Fork oil (48601166S1) (SAE 4): cartridge 175 ml (5.92 fl. ozUS); outer assembly 350 ml (11.83 fl. ozUS)		p. 174
Brake fluid	DOT 5.1	p. 108
Coolant type Coolant; antifreeze protection to at least: −25 °C (−13.0 °F)		p. 171
Fuel octane	Super unleaded (ROZ 95)	p. 173
Idle speed	– Not yet verified	

MAINTENANCE

Tire pressure (off-road) 1.0 bar (14.5 psi) front; 1.0 bar (14.5 psi) rear		p. 172
Chain slack 58 mm … 61 mm (2.28 in … 2.40 in)		p. 93
Spark plug and gap	NGK BR 7 ES	p. 170

DIMENSIONS

Seat height	963 mm (37.91 in)	p. 172
Wheelbase	1488 mm (≈ 58.6 in)	p. 172
Weight (weight without fuel approx.)	104.6 kg (≈ 231 lb)	p. 172

SHOP NOTES

Date / hours

Sprockets run

Sag, race / static

Clickers, fork / shock

Tire pressure, F / R

Map or jetting

Notes

printed on the manual page shown
maker web page or spec sheet calculated, not printed
≈ converted by MotoXSports – not yet verified

Check your own manual before ordering parts or setting up the bike. Torque values are not published here: use the manual.

motoxsports.com/bikes/ktm-250-xc-w/ · data checked 2026-10-16

1 KTM Owner's Manual 2027, 250 XC-W / 300 EXC / 300 EXC SIX DAYS / 300 EXC HARDENDURO / 300 XC-W / 300 XC-W HARDENDURO, item no. 3240387en, dated 07/08/2026 pp. 93, 108, 170, 171, 172, 173, 174

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