MOTO X SPORTS

STOCK SPEC CARD
motoxsports.com/bikes/ktm-150-xc-w/

KTM
150 XC-W 2027

Enduro · 144cc 2T · US version

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

Engine and chassis figures, as the manual prints them, are on the live page.

Verified
26 of 27 figures read off a manual page

GEARING

Stock front sprocket	13T	✓ p. 162
Stock rear sprocket	50T	✓ p. 162
Chain pitch	520	✓ p. 162
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. 162
Rear tire 110/100 - 18 M/C 64M M+S TT		✓ p. 162

SUSPENSION

Fork	WP XPLOR CC	✓ p. 163
Fork travel	300 mm (11.81 in)	✓ p. 161
Shock travel	310 mm (12.20 in)	✓ p. 161
Stock fork spring rate	– Not yet verified	
Stock shock spring rate	– Not yet verified	
Static sag, bike only	40 mm (1.57 in)	✓ p. 165
Race sag, rider on	110 mm (4.33 in)	✓ p. 165

FLUIDS AND CAPACITIES

Coolant capacity	1.2 l (≈ 40.6 fl oz)	✓ p. 161
Fuel capacity	9 l (≈ 2.38 gal)	✓ p. 162

SERVICE SPECS

Gearbox oil Engine oil (15W/50), Partially synthetic, 0.80 l (0.211 liq. galUS)		✓ p. 161
Fork oil Fork oil (48601166S1) (SAE 4): cartridge 175 ml (5.92 fl. ozUS); outer assembly 350 ml (11.83 fl. ozUS)		✓ p. 164
Brake fluid	Brake fluid DOT 5.1	✓ p. 176
Coolant type	MOTOREX COOLANT M3.0	✓ p. 176
Fuel octane	Super unleaded (ROZ 95)	✓ p. 162
Idle speed	1,400 rpm … 1,500 rpm	✓ p. 160

MAINTENANCE

Tire pressure (off-road) 1.0 bar (14.5 psi) front; 1.0 bar (14.5 psi) rear		✓ p. 162
Chain slack 58 mm … 61 mm (2.28 in … 2.40 in)		✓ p. 86
Spark plug and gap	NGK BR9 ECMVX	✓ p. 161
Chain wear limit Maximum distance B of chain rollers at the longest chain section 272 mm (10.71 in)		✓ p. 88
Brake pad wear limit Minimum pad thickness A ≥ 1 mm (≥ 0.04 in)		✓ p. 99

DIMENSIONS

Seat height	963 mm (37.91 in)	✓ p. 162
Wheelbase	1,488 mm (58.58 in)	✓ p. 162
Weight (weight without fuel approx.)	96.4 kg (212.53 lb)	✓ p. 162

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-150-xc-w/ · data checked 2026-11-08

1 KTM Owner's Manual 2027, 125 XC-W / 150 XC-W, item no. 3240386en (KTM print-on-demand portal file 27_3240386_en_BA.pdf, listed there as "150 XC-W 2027 US (en)", read from the portal's page preview) pp. 86, 88, 99, 160, 161, 162, 163, 164, 165, 176

The live page, with every source