KTM
150 SX 2025

Motocross · 150cc 2T · EU version

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

Verified
19 of 21 figures read off a manual page

GEARING

Stock front sprocket	13T ✓ [2] p. 134	
Stock rear sprocket	48T ✓ [2] p. 134	
Chain pitch	520	⊜ calc.
Stock chain links	– Not yet verified	
Stock final drive ratio	3.69 : 1	⊜ calc.

WHEELS AND TIRES

Front rim	– Not yet verified	
Rear rim	– Not yet verified	
Front tire	80/100-21 51M TT ✓ [2] p. 135	
Rear tire	100/90-19 57M TT ✓ [2] p. 135	

SUSPENSION

Fork WP XACT air fork (air spring left leg, damping right leg)		✓ [1] p. 42
Fork travel	310 mm (12.2 in) ✓ [2] p. 134	
Shock travel	300 mm (11.81 in) ✓ [2] p. 134	
Stock fork spring rate	– Not yet verified	
Stock shock spring rate	39 N/mm ✓ [1] p. 41	
Static sag, bike only	35 mm (1.38 in) ✓ [1] p. 39	
Race sag, rider on	105 mm (4.13 in) ✓ [1] p. 39	

FLUIDS AND CAPACITIES

Coolant capacity	1.2 l (1.3 qt.) ✓ [2] p. 133	
Premix ratio	40:1 ✓ [1] p. 33	
Fuel capacity	7.2 l (1.9 US gal) ✓ [2] p. 133	

MAINTENANCE

Tire pressure (off-road) 1.0 bar (15 psi) front and rear		✓ [2] p. 136
Chain slack	58-61 mm (2.28-2.4 in) ✓ [2] p. 76	
Spark plug and gap NGK BR10 ECMVX, gap 0.80 mm		✓ [2] p. 133

DIMENSIONS

Seat height	958 mm (37.72 in) ✓ [2] p. 134	
Wheelbase	1493 mm (≈ 58.8 in) ✓ [2] p. 134	
Weight	92.1 kg (203 lb.) ✓ [2] p. 134	

SERVICE SPECS

Gearbox oil, fork oil, brake fluid, coolant type, fuel octane, idle speed	– Not yet verified

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-sx/ · data checked 2026-09-25

1 KTM Owner's Manual 2025 125 SX / 125 XC / 150 SX, Art. no. 3240041en (17.04.2024) pp. 33, 39, 41, 42
2 KTM Owner's Manual 2025 125 SX / 125 XC / 150 SX, Art. no. 3240041en pp. 76, 133, 134, 135, 136

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