

KTM
125 SX 2027

Motocross · 125cc 2T · US version

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

Verified

25 of 27 figures read off a manual page

GEARING

Stock front sprocket	13T	🔗 p. 146
Stock rear sprocket	50T	🔗 p. 146
Chain pitch	520	⊖ calc.
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 TT	🔗 p. 146
Rear tire	100/90-19 TT	🔗 p. 146

SUSPENSION

Fork	WP XACT AER	🔗 p. 145
Fork travel	310 mm (12.20 in)	🔗 p. 145
Shock travel	300 mm (11.81 in)	🔗 p. 145
Stock fork spring rate	– Not yet verified	
Stock shock spring rate	39 N/mm	🔗 p. 149
Static sag, bike only	35 mm (1.38 in)	🔗 p. 149
Race sag, rider on	105 mm (4.13 in)	🔗 p. 149

FLUIDS AND CAPACITIES

Coolant capacity	1.2 l (≈ 40.6 fl oz)	🔗 p. 145
Premix ratio	40:1	🔗 p. 146
Fuel capacity	7.2 l (≈ 1.90 gal)	🔗 p. 146

SHOP NOTES

Date / hours	
Sag, race / static	
Tire pressure, F / R	
Notes	

SERVICE SPECS

Gearbox oil	🔗 p. 145
Engine oil (15W/50), Partially synthetic: 0.80 l (0.211 liq. galUS)	
Fork oil	🔗 p. 148
Fork oil (48601166S1) (SAE 4): left outer assembly 240 ml (8.12 fl. ozUS); right outer assembly 240 ml (8.12 fl. ozUS); right cartridge 380 ml (12.85 fl. ozUS)	
Brake fluid	DOT 5.1 🔗 p. 95
Coolant type	🔗 p. 145
Coolant; antifreeze protection to at least: -25 °C (-13.0 °F)	
Fuel octane	Super unleaded (98 octane) 🔗 p. 146
Idle speed	🔗 p. 144
1,400 rpm ... 1,500 rpm (23.33 Hz ... 25.00 Hz)	

MAINTENANCE

Tire pressure (off-road)	🔗 p. 145
1.0 bar (14.5 psi) front and rear	
Chain slack	58–61 mm (2.28–2.40 in) 🔗 p. 83
Spark plug and gap	🔗 p. 144
NGK BR10 ECMVX, gap 0.80 mm	

DIMENSIONS

Seat height	958 mm (≈ 37.7 in)	🔗 p. 146
Wheelbase	1493 mm (≈ 58.8 in)	🔗 p. 146
Weight (weight without fuel approx.)	92 kg (≈ 203 lb)	🔗 p. 146

Sprockets run	
Clickers, fork / shock	
Map or jetting	

🔗 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-125-sx/ · data checked 2026-10-16

1 KTM Owner's Manual 2027 125 SX / 125 XC, Item no. 3240379en (07/07/2026) pp.
83, 95, 144, 145, 146, 148, 149

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