



KT 450 SX-F 2024

Motocross · 449.9cc 4T · US version

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

Verified
22 of 24 figures read off a manual page

GEARING

Stock front sprocket	13T	☑ p. 154
Stock rear sprocket	51T	☑ p. 154
Chain pitch	520	⊖ calc.
Stock chain links	– Not yet verified	
Stock final drive ratio	3.92 : 1	⊖ calc.

WHEELS AND TIRES

Front rim	– Not yet verified	
Rear rim	– Not yet verified	
Front tire	80/100-21 51M TT	☑ p. 155
Rear tire	110/90-19 62M TT	☑ p. 155

SUSPENSION

Fork	WP XACT AER	☑ p. 154
Fork travel	310 mm (12.2 in)	☑ p. 154
Shock travel	300 mm (11.81 in)	☑ p. 154
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

Engine oil spec	SAE 10W/50	☑ p. 154
Engine oil capacity	1.20 l (1.27 qt.)	☑ p. 154
Coolant capacity	0.95 l (1 qt.)	☑ p. 154
Fuel capacity	7.2 l (1.9 US gal)	☑ p. 154

SHOP NOTES

Date / hours

Sag, race / static

Tire pressure, F / R

Notes

SERVICE SPECS

Fork oil	– Not yet verified	
Brake fluid	DOT 4 / DOT 5.1	✔ p. 103
Coolant type	✔ p. 165	
High-grade, silicate-free coolant with corrosion inhibitor additive for aluminum motors; antifreeze protection to at least -25 °C (-13 °F)		
Fuel octane	Super unleaded (ROZ 95)	✔ p. 154
Idle speed	2,200 ... 2,300 rpm	✔ p. 151
Valve clearance	✔ p. 151	
Intake at: 20 °C (68 °F) 0.10 ... 0.15 mm (0.0039 ... 0.0059 in);		
Exhaust at: 20 °C (68 °F) 0.12 ... 0.17 mm (0.0047 ... 0.0067 in)		

MAINTENANCE

Tire pressure (off-road)		✔ p. 154
1.0 bar (15 psi) front and rear		
Chain slack	58 ... 61 mm (2.28 ... 2.4 in)	✔ p. 87
Spark plug and gap		✔ p. 151
NGK LMAR9AI-10, gap 1.0 mm (0.039 in)		

DIMENSIONS

Seat height	958 mm (37.72 in)	☑ p. 155
Wheelbase	1493 mm (≈ 58.8 in)	☑ p. 155
Weight (weight without fuel, approx.)	102.6 kg (226.2 lb.)	☑ p. 155

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.

