



KTM 350 SX-F 2025

Motocross · 350cc 4T · EU/US/AR identical

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

Verified

26 of 28 figures read off a manual page

GEARING

Stock front sprocket	14T	☞ [2] p. 138
Stock rear sprocket	52T	☞ [2] p. 138
Chain pitch	520	⊖ calc.
Stock chain links	– Not yet verified	
Stock final drive ratio	3.71 : 1	⊖ calc.

WHEELS AND TIRES

Front rim	– Not yet verified	
Rear rim	– Not yet verified	
Front tire	80/100-21 51M TT	☞ [2] p. 138
Rear tire	110/90-19 62M TT	☞ [2] p. 138

SUSPENSION

Fork			🔗 [1] p. 38
WP XACT air fork (air spring left leg, damping right leg)			
Fork travel	310 mm (12.2 in)	🔗 [2] p. 137	
Shock travel	300 mm (11.81 in)	🔗 [2] p. 137	
Stock fork spring rate	– Not yet verified		
Stock shock spring rate	45 N/mm	🔗 [1] p. 44	
Static sag, bike only	35 mm (1.38 in)	🔗 [1] p. 42	
Race sag, rider on	105 mm (4.13 in)	🔗 [1] p. 42	

FLUIDS AND CAPACITIES

Engine oil spec	SAE 10W/50	☞ [2] p. 137
Engine oil capacity	1.0 l (1.1 qt.)	☞ [2] p. 137
Coolant capacity	0.95 l (1 qt.)	☞ [2] p. 137
Fuel capacity	7.2 l (1.9 US gal)	☞ [2] p. 137

SHOP NOTES

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

SERVICE SPECS

Fork oil	☞ [2] p. 139
Fork oil (SAE 4) (48601166S1): oil capacity external mechanism right 240 +10/-50 ml (8.11 +0.34/-1.69 fl. oz.); external mechanism left 240 +10/-50 ml (8.11 +0.34/-1.69 fl. oz.); right cartridge 380 ml (12.85 fl. oz.)	
Brake fluid	DOT 4 / DOT 5.1 ☞ [2] p. 89
Coolant type	☞ [2] p. 145
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) ☞ [2] p. 137
Idle speed	2,250 ... 2,350 rpm ☞ [2] p. 134
Valve clearance	☞ [2] p. 134
Intake at: 20 °C (68 °F) 0.08 ... 0.15 mm (0.0031 ... 0.0059 in); Exhaust at: 20 °C (68 °F) 0.12 ... 0.19 mm (0.0047 ... 0.0075 in)	

MAINTENANCE

Tire pressure (off-road)	☞ [2] p. 138
1.0 bar (15 psi) front and rear	
Chain slack	58-61 mm (2.28-2.4 in) ☞ [2] p. 77
Spark plug and gap	NGK LMAR9AI-10, gap ☞ [2] p. 134 1.0 mm

DIMENSIONS

Seat height	958 mm (37.72 in) ☞ [2] p. 138
Wheelbase	1493 mm (≈ 58.8 in) ☞ [2] p. 138
Weight (weight without fuel, approx.)	101.9 kg (224.6 lb.) ☞ [2] p. 138

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.

motosports.com/bikes/ktm-350-sx-f/ · data checked 2026-10-16

1 KTM Owner's Manual 2025 350 SX-F / 350 XC-F, Art. no. 3240044en (14.05.2024) pp. 38, 42, 44

2 KTM Owner's Manual 2025 350 SX-F / 350 XC-F, Art. no. 3240044en (14.05.2024) pp. 77, 89, 134, 137, 138, 139, 145



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