



HUSQVARNA TC 50 2027

Motocross · 50cc 2T · US version

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

Partly verified

22 of 28 figures read off a manual page

GEARING

Stock front sprocket	11T	☞ [1] p. 127
Stock rear sprocket	40T	☞ [1] p. 127
Chain pitch	415	⊖ calc.
Stock chain links	– Not yet verified	
Stock final drive ratio	3.64 : 1	⊖ calc.

WHEELS AND TIRES

Front rim	12 x 1.50	① [2] maker
Rear rim	10 x 1.60	① [2] maker
Front tire	60/100-12 36J TT	☞ [1] p. 128
Rear tire	2.75-10 38J TT	☞ [1] p. 128

SUSPENSION

Fork	WP XACT (air fork)	☞ [1] p. 128
Fork travel	165 mm (6.50 in)	☞ [1] p. 127
Shock travel	190.5 mm (7.500 in)	☞ [1] p. 127
Stock fork spring rate	– Not yet verified	
Stock shock spring rate	30 N/mm	☞ [1] p. 129
Static sag, bike only	30 mm (1.18 in)	☞ [1] p. 130
Race sag, rider on	80 mm (3.15 in)	☞ [1] p. 130

FLUIDS AND CAPACITIES

Coolant capacity	0.7 l (≈ 23.7 fl oz)	☞ [1] p. 124
Premix ratio	60:1	☞ [1] p. 128
Fuel capacity	2.3 l (≈ 0.61 gal)	☞ [1] p. 128

SHOP NOTES

Date / hours

Sag, race / static

Tire pressure, F / R

Notes

SERVICE SPECS

Gearbox oil	☞ [1] p. 124
0.20 l (0.053 liq. galUS); Gear oil	
Fork oil	☞ [1] p. 129
Fork oil (48601166S1) (SAE 4): left outer assembly 25 ml (0.85 fl. ozUS); right outer assembly 205 ± 5 ml (6.93 ± 0.17 fl. ozUS)	
Brake fluid	DOT 5.1 ☞ [1] p. 141
Coolant type	☞ [1] p. 141
COOLANT M3.0, recommended supplier MOTOREX®; antifreeze protection to at least -25 °C (-13.0 °F)	
Fuel octane	Super unleaded (95 octane) ☞ [1] p. 140
Idle speed	– Not yet verified

MAINTENANCE

Tire pressure (off-road)	☞ [1] p. 128
1.0 bar (14.5 psi) front and rear	
Chain slack	35-38 mm (1.38-1.50 in) ☞ [1] p. 70
Spark plug and gap	BRISK AR10C, gap 0.70 mm ☞ [1] p. 124

DIMENSIONS

Seat height	645 mm (≈ 25.4 in) ① [2] maker
Wheelbase	1026 mm (≈ 40.4 in) ① [2] maker
Weight (weight without fuel approx.)	43.7 kg (≈ 96 lb) ☞ [1] p. 128

Sprockets run

Clickers, fork / shock

Map or jetting

☞ printed on the manual page shown
① 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/husqvarna-tc-50/ · data checked 2026-10-16

1 Husqvarna Owner's Manual 2027 TC 50, Item no. 3402937en (17/08/2026) pp. 70, 124, 127, 128, 129, 130, 140, 141
2 Husqvarna 2027 TC 50 technical specifications (husqvarna-motorcycles.com, US)



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