HUSQVARNA
TC 50 2027

Motocross · 50cc 2T · US version

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

Engine and chassis figures, as the manual prints them, are on the live page.

Partly verified
24 of 30 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	ⓘ [2] maker
Rear rim	10 x 1.60	ⓘ [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

SERVICE SPECS

Gearbox oil	0.20 l (0.053 liq. galUS); Gear oil	✓ [1] p. 124
Fork oil	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)	✓ [1] p. 129
Brake fluid	DOT 5.1	✓ [1] p. 141
Coolant type	COOLANT M3.0, recommended supplier MOTOREX®; antifreeze protection to at least −25 °C (−13.0 °F)	✓ [1] p. 141
Fuel octane	Super unleaded (95 octane)	✓ [1] p. 140
Idle speed	– Not yet verified	

MAINTENANCE

Tire pressure (off-road)	1.0 bar (14.5 psi) front and rear	✓ [1] p. 128
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
Brake pad wear limit	≥ 1 mm (≥ 0.04 in)	✓ [1] p. 80
Break-in, as printed	During the running-in time, do not exceed the specified engine power. Maximum engine power during the first 3 operating hours < 70 % during the first 5 operating hours < 100 % Avoid fully opening the throttle.	✓ [1] p. 24

DIMENSIONS

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

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/husqvarna-tc-50/ · data checked 2026-11-08

1 Husqvarna Owner's Manual 2027 TC 50, Item no. 3402937en (17/08/2026) pp. 24, 70, 80, 124, 125, 127, 128, 129, 130, 140, 141
2 Husqvarna 2027 TC 50 technical specifications (husqvarna-motorcycles.com, US)

The live page, with every source