HONDA

CRF450R 2027

Motocross · 450cc 4T

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

Partly verified
16 of 23 figures read off a manual page

GEARING

Stock front sprocket	13T	[1] maker
Stock rear sprocket	51T	[1] maker
Chain pitch	520	[1] maker
Stock chain links	– Not yet verified	
Stock final drive ratio	3.923 : 1	[2] p. 74

WHEELS AND TIRES

Front rim	– Not yet verified	
Rear rim	– Not yet verified	
Front tire	80/100-21 51M	[2] p. 73
Rear tire	120/90-19 66M	[2] p. 73

SUSPENSION

Fork	49mm inverted Showa fork	[1] maker
Fork travel	12.2-inch (≈ 310 mm)	[1] maker
Shock travel	12.0-inch (≈ 305 mm)	[1] maker
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-30, JASO T 903 MA	[2] p. 74
Engine oil capacity (after draining)	1.07 L (≈ 36.2 fl oz)	[2] p. 74
Engine oil capacity, with filter change	1.10 L (≈ 37.2 fl oz)	[2] p. 74
Coolant capacity	1.08 L (≈ 36.5 fl oz)	[2] p. 74
Fuel capacity	7.1 L (≈ 1.88 gal)	[2] p. 73

SERVICE SPECS

Fork oil	– Not yet verified	
Brake fluid	– Not yet verified	
Coolant type	Pro Honda HP Coolant	[2] p. 74
Fuel octane Unleaded gasoline 91 PON or higher		[2] p. 73
Idle speed	2,000 ± 100 rpm	[2] p. 74
Valve clearance Intake 0.005 ± 0.001 in (0.13 ± 0.03 mm); Exhaust 0.009 ± 0.001 in (0.24 ± 0.03 mm), cold		[2] p. 74

MAINTENANCE

Tire pressure (off-road) 15 psi (100 kPa) front and rear		[2] p. 73
Chain slack	– Not yet verified	
Spark plug and gap NGK SILMAR9A-9S, gap 0.80-0.90 mm		[2] p. 75

DIMENSIONS

Seat height	953 mm (≈ 37.5 in)	[2] p. 73
Wheelbase	1490 mm (≈ 58.7 in)	[2] p. 73
Weight	238 pounds (≈ 108 kg)	[1] maker

SHOP NOTES

Date / hours

Sprockets run

Sag, race / static

Clickers, fork / shock

Tire pressure, F / R

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/honda-crf450r-2027/ · data checked 2026-10-16

1 American Honda 2027 CRF450R specifications (preliminary)
2 Honda 2027 CRF450R/RX/HRC Works Edition Owner's Manual (31MKEA00) pp. 73, 74, 75

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