KAWASAKI

KLX140R F 2027

Trail & family · 144cc 4T · 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 25 figures read off a manual page

GEARING

Stock front sprocket	13T ✓ [1] p. 13
Stock rear sprocket	57T ✓ [1] p. 13
Chain pitch	– Not yet verified
Stock chain links	– Not yet verified
Stock final drive ratio	4.385 : 1 ✓ [1] p. 13

WHEELS AND TIRES

Front rim	21 x 1.60 ✓ [2] p. 1-3
Rear rim	18 x 1.85 ✓ [2] p. 1-4
Front tire	2.75-21 45M ✓ [1] p. 14
Rear tire	4.10-18 59M ✓ [1] p. 14

SUSPENSION

Fork	Telescopic fork ✓ [2] p. 1-4
Fork travel	190 mm (7.48 in.) ✓ [2] p. 1-4
Shock travel	200 mm (7.87 in.) ✓ [2] p. 1-4
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 ✓ [1] p. 14
SAE 10W-40; API SG, SH, SJ, SL or SM with JASO MA, MA1 or MA2

Engine oil capacity (when filter is removed)	1.15 L (1.22 US qt) ✓ [1] p. 47
Fuel capacity	5.8 L (1.5 US gal) ✓ [1] p. 13

SERVICE SPECS

Fork oil ✓ [1] p. 14
Kawasaki Fork Oil SS-8; 282 mL (9.53 US oz.) per fork leg

Brake fluid	DOT 3 or DOT 4 ✓ [1] p. 73

Fuel octane ✓ [1] p. 25
Unleaded, minimum Antiknock index of 87

Idle speed	1 400 - 1 600 r/min (rpm) ✓ [1] p. 34
Valve clearance	– Not yet verified

MAINTENANCE

Tire pressure (off-road) ✓ [1] p. 84
80 - 100 kPa (0.8 - 1.0 kgf/cm², 12 - 14 psi)

Chain slack	45 - 51 mm (1.8 - 2.0 in.) ✓ [1] p. 66
Spark plug and gap	NGK CR7HSA ✓ [1] p. 13
Chain wear limit	259 mm (10.2 in.) ✓ [1] p. 68
Brake pad wear limit	1 mm (0.04 in.) ✓ [1] p. 76

DIMENSIONS

Seat height	33.9 in (≈ 861 mm) ⓘ [3] maker
Wheelbase	1 330 mm (52.36 in.) ✓ [2] p. 1-2
Weight (curb Mass)	99 kg (218 lb) ✓ [2] p. 1-2

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/kawasaki-klx140r-f/ · data checked 2026-11-08

1 Kawasaki Owner's Manual, cover "KLX140R Motorcycle OWNER'S MANUAL", item 99814-0116 (© 2025 Kawasaki Motors, Ltd., Feb. 14, 2025 (1)) pp. 13, 14, 25, 34, 47, 66, 68, 73, 76, 84

2 Kawasaki Specifications 99888-0063-01 (KLX140A/B/C), the specifications supplement the owner's manual 99814-0116 links to on its p. 15 pp. 1-2, 1-3, 1-4

3 Kawasaki 2027 KLX®140R F model page, MODEL SPECS

The live page, with every source