Kawasaki

2013 KLX450R

Kawasaki's Fastest Off-road Machine Ever.

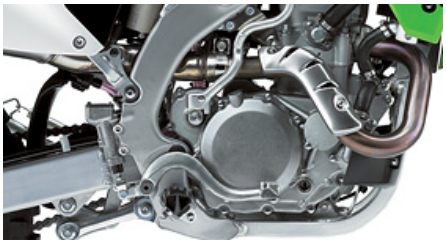
Imagine a purpose-built off-road race machine armed with class-leading 4-stroke engine technology and race-proven chassis know-how from the fast-paced world of motocrossing.

Engine:	
Type	4-Stroke, Liquid Cooled, DOHC, 4-Valve, Single
Displacement	449 cm³
Bore and Stroke	96.0 x 62.1 mm
Compression ratio	12.0:1
Valve system	DOHC, 4 valves
Fuel system	Carburettor Keihin FCR40
Ignition	Multi-map Digital CDI with TPS (K-TRIC)
Starting	Electric and Primary Kick
Lubrication	Forced lubrication, semi-dry sump
Drivetrain:	
Transmission	5-speed, return
Final drive	Sealed Chain
Primary reduction ratio	2.727 (60/22)
1st	2.167 (26/12)
2nd	1.533 (23/15)
3rd	1.188 (19/16)
4th	0.950 (19/20)
5th	0.810 (17/21)
Final reduction ratio	3.846 (50/13)
Clutch	Wet multi-disc, manual
Frame:	
Type	Perimeter, aluminium
Wheel travel:	
Front	305 mm
Rear	315 mm
Tyre:	
Front	80/100-21M/C 51P
Rear	120/90-18M/C 65P
Caster (rake)	27.7°
Trail	122 mm
Steering angle (left/right)	42° / 42°

Suspension:	
Front	48mm Inverted, Kayaba AOS with 22-Way Compression and 18-Way Rebound Damping Adjustment
Rear	Uni-Trak with Adjustable Preload, 22-Way (Low Speed)/ Stepless (High Speed) Compression Adjustment, 22-Way Rebound Damping Adjustment, Temperature Compensating Rebound Adjustment
Brakes:	
Front:	Semi-Floating 250 mm Petal Disc
Caliper	Dual Piston
Rear:	240 mm Petal Disc
Caliper	Single Piston
Dimensions:	
Overall length	2,175 mm
Overall width	820 mm
Overall height	1,250 m
Wheelbase	1,480 mm
Ground clearance	315 mm
Seat height	935 mm
Curb mass	125.8 kg
Fuel capacity	8 L
Colours:	

Lime Green

The specifications mentioned here apply to and have been achieved by production models under standard operating conditions. We intend only to give a fair description of the vehicle and its performance capabilities but these specifications may not apply to every machine supplied for sale. Kawasaki Heavy Industries, Ltd. reserves the right to alter specifications without prior notice. Equipment illustrated and specifications may vary to meet individual markets.

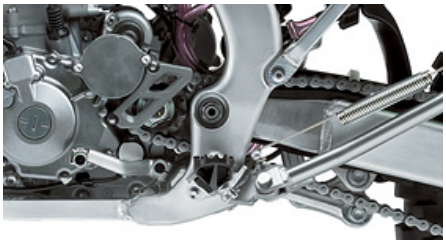


High Performance 4-Stroke Engine

The high-powered, lightweight 4-stroke engine is derived from the Championship Winning KX450F and features several tweaks including increased flywheel mass for greater low-end torque.

Electric Starting

A lightweight, highly reliable electric start system is employed for fast, easy, trouble-free starting. A manual kick starter is retained as a backup.



Wide Ratio 5-Speed Transmission

The KLX450R's gear ratios have been selected to specifically suit off-road competition. Likewise, the engine is tuned for a broad delivery of power to optimize the gear ratios. The gear sets and center cases are very compact allowing the frame to be narrower at the rider?s ankles.

4-Valve Cylinder Head

Featuring dual overhead camshafts lifting lightweight titanium valves with dual progressive valve springs, the KLX's head boasts revised cam lift and timing to boost low and mid range torque.

Race Oriented Chassis

The MX inspired aluminium chassis features centralised gravity and inertia points to deliver incredible traction, light handling and confidence inspiring high speed stability.

Serious Suspension

Kayaba twin chamber forks take care of the big hits up front while Kawasaki's legendary Uni-Trak rear suspension gets the power to the ground. Fully adjustable damping at both ends provides easy tuning and setup.

Powerful Disc Brakes

Petal brake discs front and rear reduce unsprung weight, and help clean the brake pads for more efficient braking. The forged aluminium rear brake pedal has a heavy duty mounting bolt and a large ?foot? with sharp teeth to provide a solid feel. An integrated rear brake fluid reservoir provides increased reliability.

Lightweight Digital Instrumentation

Fully equipped for off road competition, the KLX boasts a fully featured instrument panel including speedometer, odometer, twin trip meters and a clock.

Colours

Lime Green

Accessories for KLX450ADF 2013 KLX450R (2539)

COVER MOTORBIKE MEDIUM

* Bike cover Bike model fitment is a guide only.

KLX450 TOP END KIT

* Upgrade kit to increase performance of your KLX450 * Replaces top end with KX450 parts * All parts required supplied

MOTO MINDER HOUR METER

* MM is an engine hour meter specifically designed for use in the harsh environment of motocross racing As such, it will operate reliably in a number of other applications * - Motorcycles - MM has been specifically designed for motocross racing * It is also useful for tarmac race bikes, ATVs, enduro bikes, karts etc * Note: MM will operate on the new generation "pencil coil" ignitions * - Marine - MM is fully spec'd for saltwater marine use * Applications include outboard motors, jet skis and other recreational and race craft * MM has a dual purpose input circuit * This means that the red sense wire can be cable tied along a sparkplug HT lead (Inductive Connection) OR it can be connected directly into a voltage supply (Direct Connection)

PIT TENT HEAVY DUTY

* 50mm aluminium tubing * Ideal for fixed displays * 3m x 3m coverage * Water resistant roof top * Wall kit and replacement roof will fit either model of pit tent

SKID PLATE KLX450

* Skid plate with added front and side protection