

2024 MODEL INFORMATION



*KLX110R shown



*KLX110R L shown

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MODEL NAME

2024 KLX110R / KLX110R L

MARKETING CODE

KLX110CRFNN / KLX110DRFNN

INTERNAL USE ONLY

Intended as a general reference for the preparation of sales promotion and marketing material, some of the material contained herein may not apply to your market.

Photos used in this Model Information generally depict the USA model.



*KLX110R shown



*KLX110R L shown

MINI-MOTO MANIA:

TWO FUN OFF-ROAD PLAYBIKES

Removed from the hustle and bustle of the city, even simple bikes can offer a great deal of fun. Kawasaki recognises this, and proudly includes two superb playbikes in the off-road range.

Designed for youngsters aged 13 and above, under adult supervision, and mini-moto enthusiasts, the KLX110R and KLX110R L can handle rider weights up to 70 kg.



*KLX110R shown



*KLX110R L shown

Compounding the fun, riders have two models to choose from. The KLX110R comes equipped with a centrifugal clutch, enabling clutchless shifting.

The KLX110R L features a manual clutch enabling sportier riding for those who want to enjoy greater control, and longer-travel suspension that offers superior rough-road performance.

And with the addition of handy features like electric start and KACR (Kawasaki Automatic Compression Release), access to fun is easier than ever. The pedal and lever design further facilitate operation.

Both models are wrapped in sporty factory-style bodywork emulating Kawasaki's flagship motocrosser, the KX450F.

The KLX110R and KLX110R L – Small bikes. Big fun.

AT A GLANCE

4-stroke Single – P.5

Strong & smooth through the rev range.



Electric starter – P.11

The handy electric starter enables hassle-free starting.

KLX110R shown



Handlebar – P.7

The handlebar bend accommodates a wide range of riders.



non-current graphics in the image

Model specific seat height – P.7,9

The KLX110R L seat height accommodates taller riders.

Factory styling – P.12

Sharp bodywork with KX-inspired styling.

Steel frame – P.13

Sturdy frame and swingarm for excellent handling.



Choice of long- or short-stroke suspension – P.9

Choose shorter (KLX110C) or longer-stroke (KLX110D) suspension.

High-traction tyres – P.6

IRC off-road tyres for good grip and performance.

Manual or automatic – P.8

Choose from centrifugal (KLX110C) or manual (KLX110D) clutch.

4-speed transmission – P.6

4-speed transmission making riding fun and enabling more aggressive riding.

* KLX110R Shown

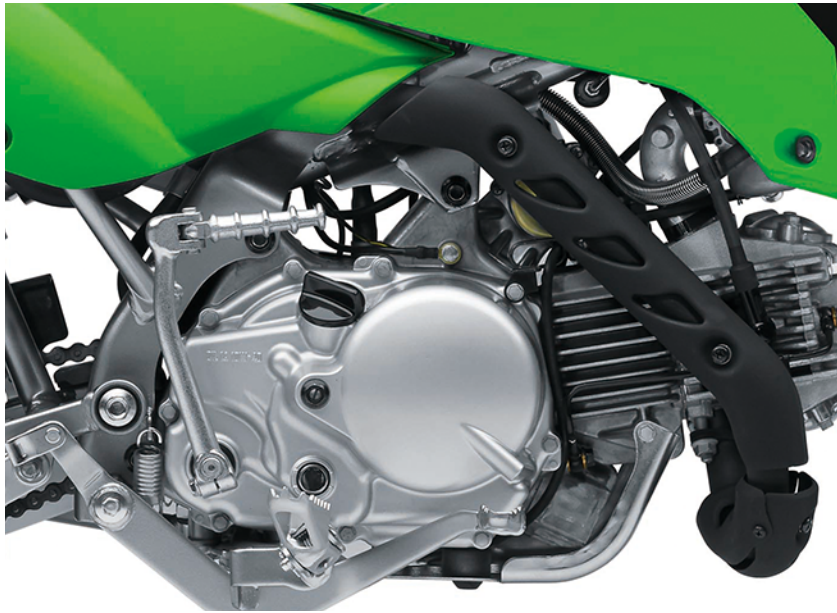
THE ULTIMATE FUN BIKES

The engine settings, a 4 speed transmission, race ready suspension and roomy ergonomics make the KLX110 the most fun to ride, ever!

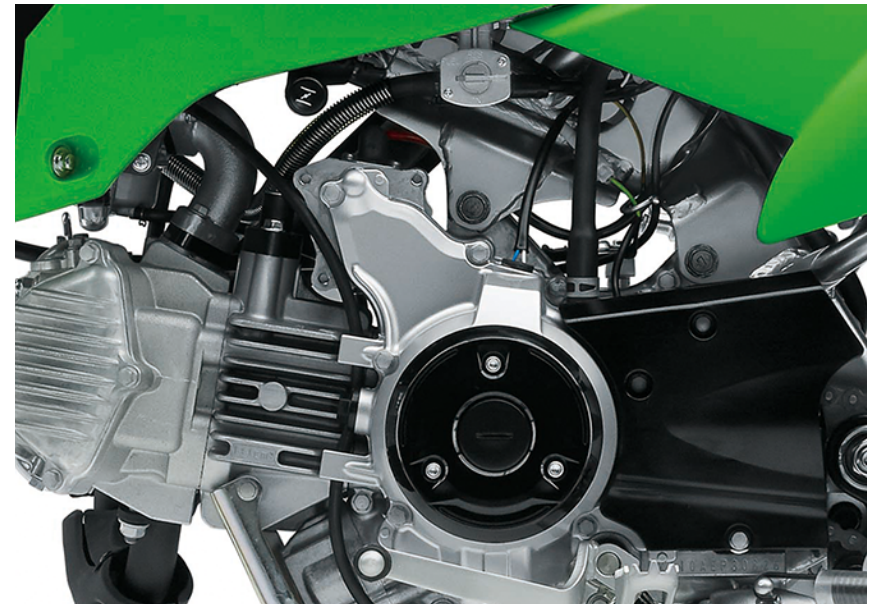
Powerful engine

- * Air-cooled 112 cc SOHC engine pumps out plenty of responsive low-rpm torque. The valve timing results in an engine that is powerful at all rpm.
- * The carburettor settings match the power characteristics and offer stable performance when riding on rough roads.

- * The silencer internals offer suitable flow and deliver a bold exhaust note while maintaining noise levels.
- * The piston ring low tension design offers reduced mechanical friction, also contributing to the excellent engine performance.



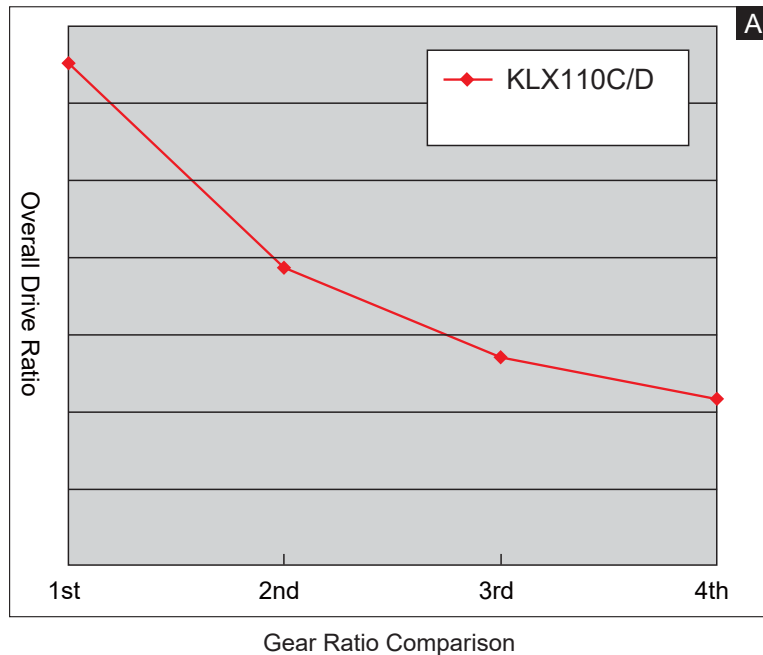
*KLX110R L shown



*KLX110R L shown

4-speed transmission

- * Transmission features 4 gears with wide ratio range.
- * While the overall ratio in top gear (now 4th gear) is about the same, 1st gear is tall and the gearbox has a wide range, which contributes to smooth transitions. Final ratio is 38/13 (2.923). (Illustration A)



- * The design of the shift drum cam groove and positioning spring and a smoother cam surface result in improved shift feel and positive gear engagement under all riding conditions.
- * Manual transmission (KLX110R L only, please see below) enables sporty riding for those wishing to enjoy greater control.

Rear suspension

- * High rear shock spring rates offer good damping and the rubber damper material offer increased bottoming performance.
- * Swingarm pivot lowered to accommodate the longer rear shock units.

Tyres

- * The high-traction IRC off-road tyres (F: 2.50-14 4PR; R: 3.00-12 4PR) offer excellent performance.

Brakes

- * Rear brake rod with revised offset and lever ratios offers a more positive brake pedal feel. (Photos 1-2)



*KLX110R L shown - non-current image

Ergonomics

- * The handlebar bend offers great freedom of movement and accommodates a wide range of riders. (Photo 3)
- * The hand grip design features raised waffle pattern on half of the surface offers improving grip and comfort.
- * The seat height (please see details below) more easily accommodates taller and older riders.



*KLX110R L shown - non-current image

TWO KLX110 CHOICES

Riders have two models with different characteristics to choose from:

The **KLX110R** features a centrifugal clutch, making it ideal for those looking to enjoy simply playing on two wheels. Perfect for the rider ready to learn about gears, without needing the extra coordination of operating a clutch lever.

The **KLX110R L** has a manual clutch and longer-travel suspension (compared to the KLX110R). Built for the rider ready for more control and ready for the next step in off-road performance.

Clutch Option - Centrifugal (KLX110R) or Manual (KLX110R L)

* Centrifugal clutch (KLX110R only) enables easy riding without using a clutch to change gears. Gear pattern is 1-2-3-4. (Photo 4)



*KLX110R Shown

* Manual clutch (KLX110R L only) offers the rider additional control. Gear pattern is 1-N-2-3-4. (Photo 5)



*KLX110R L Shown

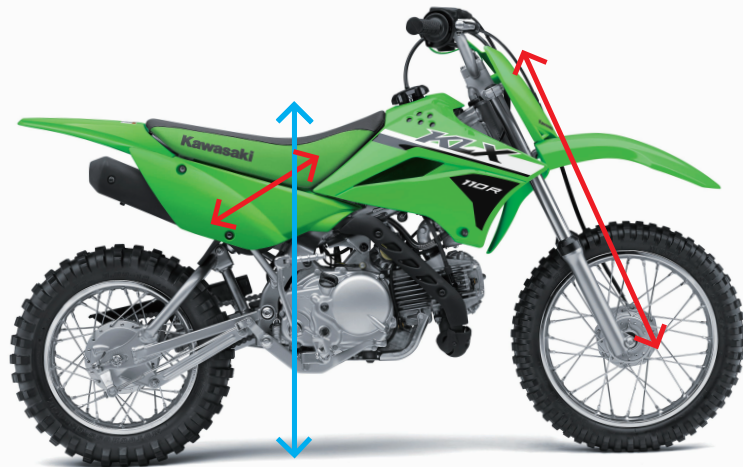
Suspension: short or long-stroke

* The KLX110R and KLX110R L feature different suspension lengths and suspension travel.

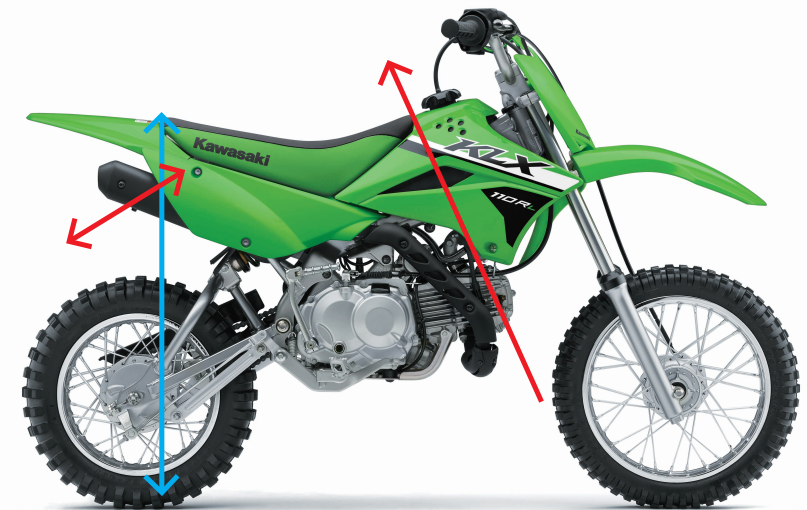
			KLX110R	KLX110RL
Front	Length		616 mm	677 mm
	Stroke		110 mm	140 mm
Rear	Length		260 mm	288 mm
	Stroke		55 mm	68 mm
	Wheel travel		110 mm	132 mm
	Spring rate		55 N/mm	42 N/mm

* Corresponding to the different suspension, ride height and seat height varies:

KLX110R	680 mm
KLX110R L	730 mm



*KLX110R shown



*KLX110R L shown

KEY FEATURES

* The longer suspension of the KLX110R L also offers increased handling performance and increased rough-road capability. (Photos 6-7)



*KLX110R L shown



*KLX110R L shown - *non-current image*

EASY TO RIDE

The choice of kick start or electric start makes access to fun easy. The pedals facilitate operation and keep them out of the way when not in use.

Easy starting

- * The electric starter offers hassle-free starting. (Photo 8)
- * KACR (Kawasaki Automatic Compression Release) (using the intake valve) provides easy starting for both the electric starter and kick starter.



*KLX110R shown

Easy operation

- * The shift pedal, brake pedal and kick start pedal offer easy operation and minimise unintended actuation.
- * Starter and kill switch are both located at the left handle grip, allowing the rider to operate the throttle with one hand while starting or stopping the engine with the other.

FACTORY STYLING

Factory styling gives the KLX110R and KLX110R L the look of true motocrossers.

Bodywork

* The shrouds, tank, number plate, side covers and fenders have a sharp design modelled after our flagship motocross racer, the KX450.



*KLX110R shown

Engine

- * Muffler comes equipped with a spark arrester, meaning the KLX110R/L can access designated off-road public riding areas.
- * Digital DC-CDI ensures quick starts and low maintenance.
- * Ignition timing inspection hole added to the left side of the engine facilitates maintenance.
- * Efficiently designed airbox is compact and easily to service.

Chassis

- * Sturdy high-tensile steel backbone frame and high-tensile steel braced swingarm contribute to the excellent handling characteristics of the KLX110R and KLX110R L.
- * Tapered roller bearing (previously a ball bearing) used at the bottom of the steering stem offers increased durability.
- * Steel rims measure 14 x 1.40 (front) and 12 x 1.60 (rear).
- * Sealed-type 12 V battery supplies power for the electric starter.
- * Convenient side stand eases maintenance chores.

Other

- * Neutral-only starting (KLX110R only) prevents the bike from being started in gear.
- * Adjustable throttle allows performance to be limited.
- * Three separate heat shields are mounted on the exhaust system.
- * Sprocket-style chain drive roller (KLX110R L only) helps smooth engine braking by reducing the effect of driveline lash when the rider gets off the gas quickly and play in the lower side of the chain suddenly tightens. The additional control facilitates corner entry.
- * Long lower chain guard encloses the bottom and hub-side of the chain, making it difficult for fingers to get trapped.

KLX110R - KLX110CRFNN:

Lime Green - GN1



KLX110R L - KLX110DRFNN:

Lime Green - GN1



SPECIFICATIONS

2024 KLX110R (KLX110CRFNN) & KLX110R L (KLX110DRFNN)

ENGINE	
Type	Air-cooled, 4-stroke Single
Displacement	112 cc
Bore and Stroke	53.0 x 50.6 mm
Compression ratio	9.5:1
Valve system	SOHC, 2 valves Carburettor:
Fuel system	PB18 (Keihin) Digital DC-
Ignition	CDI
Starting	Kick & Electric
Lubrication	Forced lubrication, wet sump
DRIVETRAIN	
Transmission	4-speed, return
Final drive	Chain
Primary reduction ratio	3.409 (75/22)
Gear ratios: 1st	3.000 (36/12)
2nd	1.938 (31/16)
3rd	1.350 (27/20)
4th	1.087 (25/23)
Final reduction ratio	2.923 (38/13)
Clutch	Centrifugal, wet multi-disc (KLX110C) Wet multi-disc, manual (KLX110D)

FRAME	
Type	Steel backbone
Wheel travel: front	110 mm (KLX110C), 140 mm (KLX110D)
rear	110 mm (KLX110C), 132 mm (KLX110D)
Tyre: front	2.50-14 4PR
rear	3.00-12 4PR
Caster (rake)	24.8° (KLX110C), 24.2° (KLX110D)
Trail	50 mm (KLX110C), 47 mm (KLX110D)
Steering angle (left/right)	45° / 45°
SUSPENSION	
Front: Type	30 mm telescopic fork
Rear: Type	Single shock

SPECIFICATIONS

2024 KLX110R (KLX110CRFNN) & KLX110R L (KLX110DRFNN)

BRAKES	
Front: Type	Drum - ø90 mm effective dia.
Rear: Type	Drum - ø110 mm effective dia.
DIMENSIONS	
Overall length	1,560 mm
Overall width	650 mm
Overall height	955 mm (KLX110C) 990 mm (KLX110D)
Wheelbase	1,075 mm
Ground clearance	215 mm (KLX110C) 265 mm (KLX110D)
Seat height	680 mm (KLX110C) 730 mm (KLX110D)
Curb mass	76 kg
Fuel capacity	3.6 litres

PERFORMANCE	
Maximum power	5.4 kW {7.3 PS} / 7,500 rpm
Maximum torque	8.0 N·m {0.82 kgf·m} / 4,000 rpm

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. Available colours may vary by market.