



START FAST, FINISH FIRST

At Honda, we produce a whole line of bikes built for fun. But when you're talking about a CRF®150R or CRF150R Expert, you're talking about a pair of bikes built to win. Offering two sizes means you can pick which one is right for your future champion based on how tall they are — the bikes' engine, frame, and power output are the same. The Expert has bigger wheels and a longer swingarm, so you'll find it fits taller riders a bit better. Both feature our high-performance Unicom® engine, a Honda exclusive that's light, compact, high-revving and powerful. If you want to find out what victory tastes like, get on a Honda CRF150R or a CRF150R Expert.

CRF150R/EXPERT IS INTENDED FOR CLOSED-COURSE OPERATION ONLY. ALWAYS WEAR A HELMET, EYE PROTECTION AND PROTECTIVE CLOTHING, AND PLEASE RESPECT THE ENVIRONMENT. OBEY THE LAW AND READ THE OWNER'S MANUAL THOROUGHLY. Showa® is a registered trademark of Showa Mfg., Inc. CRF®, Unicom® and Pro-Link® are registered trademarks of Honda Motor Co., Ltd. ©2023 American Honda Motor Co., Inc.



2024 CRF150R/Expert



CRF150R



CRF150R Expert



FEATURES & BENEFITS

UNICAM ENGINE

The CRF150R uses a Unicam engine based on our championship-winning CRF450R. Designed to give you excellent rideability and more power and torque across the rev range, the engine runs consistently at different tracks — it's an all-around winner.

ACCELERATOR PUMP

The CRF150R uses a carburetor featuring a “direct push” accelerator pump which gives you better, more immediate throttle response.

TRACK-DESIGNED CHASSIS

A lightweight, high-tensile steel frame with large-diameter frame tubing and crossmember delivers excellent turning performance and straight-line tracking.

FRONT AND REAR DISC BRAKES

Front and rear disc brakes provide powerful, precise stopping power.





2024 CRF150R/Expert



CRF150R



CRF150R Expert

ENGINE TYPE	150cc liquid-cooled single-cylinder	150cc liquid-cooled single-cylinder
BORE AND STROKE	66.0mm x 43.8mm	66.0mm x 43.8mm
INDUCTION	32mm Keihin flat-slide carburetor with Throttle Position Sensor (TPS)	32mm Keihin flat-slide carburetor with Throttle Position Sensor (TPS)
VALVE TRAIN	Unicam SOHC; four valves per cylinder	Unicam SOHC; four valves per cylinder
COMPRESSION RATIO	11.7:1	11.7:1
FINAL DRIVE	#420 chain; 15T/50T	#420 chain; 15T/56T
TRANSMISSION	Close-ratio five-speed	Close-ratio five-speed
FRONT SUSPENSION	37mm leading-axle inverted Showa® cartridge fork with rebound- and compression-damping adjustability; 10.8-inch travel	37mm leading-axle inverted Showa cartridge fork with rebound- and compression-damping adjustability; 10.8-inch travel
REAR SUSPENSION	Pro-Link® Showa single shock with spring-preload, rebound- and compression-damping adjustability; 10.7-inch travel	Pro-Link Showa single shock with spring-preload, rebound- and compression-damping adjustability; 10.7-inch travel
FRONT BRAKES	Single 220mm disc	Single 220mm disc
REAR BRAKES	Single 190mm disc	Single 190mm disc
FRONT TIRES	Dunlop MX51; 70/100-17	Dunlop MX51; 70/100-19
REAR TIRES	Dunlop MX51; 90/100-14	Dunlop MX51; 90/100-16
RAKE	27.0°	27.8°
TRAIL	3.1 inches	3.8 inches
WHEELBASE	49.6 inches	50.6 inches
SEAT HEIGHT	32.8 inches	34.1 inches
GROUND CLEARANCE	11.9 inches	13.2 inches
CURB WEIGHT	185 pounds (Includes all standard equipment, required fluids and a full tank of fuel)	187 pounds (Includes all standard equipment, required fluids and a full tank of fuel)
FUEL CAPACITY	1.1 gallons	1.1 gallons