RIDE IT ALL

Building a great dual-sport bike has to be one of the toughest jobs in motorcycling, but also one of the most rewarding. And that's why we're so proud of our Honda CRF®450RL. When it comes to versatility and features, it's way better than just a motocrosser with a license plate. And when it comes to off-road riding, it offers stellar performance where others compromise. Why is this bike so good? One reason is because we start with our CRF450X, with its six-speed transmission and excellent chassis geometry. And it's not what we've added, but what we haven't—which is how we've kept the CRF450RL light and nimble. What you get is a true dirt bike that can handle a wide range of terrain, that's built for long-term reliability, and that lets you ride just about any trail or terrain a motorcycle can handle—including pavement, which makes finding fuel (or lunch) a lot easier. So, ditch the pickup or the trailer: discover the world on a Honda CRF450RL.

ALWAYS WEAR A HELMET, EYE PROTECTION AND PROTECTIVE CLOTHING. NEVER RIDE AFTER CONSUMING DRUGS OR ALCOHOL. NEVER USE THE STREET AS A RACETRACK, AND PLEASE RESPECT THE ENVIRONMENT. OBEY THE LAW AND READ THE OWNER'S MANUAL THOROUGHLY. FOR RIDER TRAINING INFORMATION OR TO LOCATE A RIDER TRAINING COURSE NEAR YOU, CALL THE MOTORCYCLE SAFETY FOUNDATION AT 1-800-446-9227. Showa® is a registered trademark of Showa Mfg., Inc. CRF®, Unicam® and Pro-Link are registered trademarks of Honda Motor Co., Ltd. ©2022 American Honda Motor Co., Inc.

2023 CRF450RL

CRF450RL

RED

SPECIFICATIONS

ENGINE TYPE	—	450cc liquid-cooled single-cylinder
BORE AND STROKE	—	96.0mm x 62.1mm
COMPRESSION RATIO	—	12.0:1
VALVE TRAIN	—	Unicam® OHC; four valves per cylinder
INDUCTION	—	Programmed Fuel Injection (PGM-FI), 46mm downdraft throttle body
TRANSMISSION	—	Wide-ratio six-speed
FINAL DRIVE	—	#520 Chain; 13T/51T
FRONT SUSPENSION	—	49mm leading-axle inverted telescopic Showa coil-spring fork with rebound- and compression-damping adjustability; 12.0-inch travel
REAR SUSPENSION	—	Pro-Link Showa single shock with spring preload, rebound- and compression-damping adjustability; 11.8-inch travel
FRONT BRAKE	—	Single 260mm disc with twin-piston caliper
REAR BRAKE	—	Single 240mm disc
FRONT TIRE	—	IRC GP21; 80/100-21
REAR TIRE	—	IRC GP22; 120/80-18
RAKE	—	28.5°
TRAIL	—	4.8 inches
WHEELBASE	—	58.9 inches
SEAT HEIGHT	—	37.2 inches
GROUND CLEARANCE	—	12.6 inches
FUEL CAPACITY	—	2.0 gallons
CURB WEIGHT	—	291 pounds (Includes all standard equipment, required fluids and full tank of fuel)

One Year Included Transferable, limited warranty
Optional Extended Extended coverage available with a HondaCare® Protection Plan

FEATURES & BENEFITS

FULLY STREET LEGAL & OFF-ROAD CAPABLE

The CRF450RL is equipped with a catalytic converter and is fully street legal in all 50 states—and off-road capable just about anywhere on the planet. That means you can ride it wherever it's legal to operate a motor vehicle—in state and national parks, on the road, on public lands. Plus, you don't need to haul your bike to the trailhead in a truck or on a trailer.

ELECTRIC START

An electric start system ensures trouble-free starting in all conditions. The electric starter also drives the clutch side of the crankshaft to provide superior lubrication to starter gears while producing a narrow engine with a short, strong crank.

450cc UNICAM® ENGINE

The CRF450RL's Unicam cylinder-head combines the best of single- and double-overhead-cam designs, and shares its DNA with our championship-winning CRF450R. The configuration saves weight compared to a dual-overhead-camshaft motor, and the camshaft sits lower in the head for a more compact engine and a lower center of gravity. You also get a narrow included valve angle that flattens the combustion chamber for better ignition flame propagation and a high compression ratio.

WIDE-RATIO SIX-SPEED TRANSMISSION

Like our CRF450X, the CRF450RL rocks a wide-ratio six-speed gearbox. That gives you a low gear perfect for tight, slow situations, and a top gear that's tall enough for highway riding to the next gas stop or trailhead.

HONDA