



Life is better
on a Honda



2022 CRF450RL

LICENSE TO EXPLORE

Set a course for your favorite trail, and turn the world into your playground, on the incredible 2022 Honda CRF450RL. It's engineered to help you go hard over the most technical terrain, and equipped with everything you need for an easy ride home. That starts with the legendary 449cc Unicam engine packing serious power. And a wide-ratio six-speed transmission that can handle anything from slow-speed maneuvers, up to highway-speed riding. Featuring the famous CRF lightweight twin-spar aluminum chassis, premium long-travel suspension, factory handguards, and all the modern innovations you'd expect on a street legal dirt bike. Put them together, and you have the performance to ride over anything, with the versatility to go everywhere.

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. ©2021 American Honda Motor Co., Inc.





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RED

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SPECIFICATIONS

ENGINE TYPE	- 449cc liquid-cooled single-cylinder four-stroke
BORE AND STROKE	- 96mm x 62.1mm
COMPRESSION RATIO	- 12.0:1
VALVE TRAIN	- Unicam OHC four-valve; 38mm intake; 31mm exhaust
INDUCTION	- Programmed Fuel Injection (PGM-FI), 46mm downdraft throttle body
IGNITION	- DC-CDI
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 inches of travel
REAR SUSPENSION	- Pro-Link® Showa single shock with adjustable spring preload, rebound and compression damping adjustability; 11.8 inches of 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
WHEELBASE	- 58.9 inches
RAKE (CASTER ANGLE)	- 28° 30'
TRAIL	- 4.8 inches
SEAT HEIGHT	- 37.2 inches
GROUND CLEARANCE	- 12.6 inches
FUEL CAPACITY	- 2 gallons
CURB WEIGHT	- 291 pounds (Includes all standard equipment, required fluids and full tank of fuel—ready to ride.)

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. Best of all, it makes finding gas (or lunch) a breeze



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.



449cc UNICAM® ENGINE

The CRF450RL's Unicam cylinder-head combines the best of single- and double-overhead-cam designs. 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, a narrow included valve angle, and a high compression ratio.



WIDE-RATION 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.