



Life is better
on a Honda



2021 CRF450RL

RIDE IT ALL

It's such a simple idea—a full-on dirt bike with a license plate—giving you the freedom to ride from trail to trail. The on-road part is usually pretty easy, but the off-road part separates the best bikes from the rest. And that's exactly where Honda's extraordinary CRF450RL shines the brightest. It's such a good off-road bike that this year we've even changed its name, showing how closely it's derived from our CRF450R and CRF450X models. For 2021 we've also added factory handguards, new graphics, and updated ECU and fuel-injection settings. The best parts are still its powerful 449cc Unicam engine, twin-spar aluminum chassis, wide-ratio six-speed transmission, long-travel suspension, and effortless electric starting. And then there are the specs nobody can match: Honda quality and reliability.



ALWAYS WEAR A HELMET, EYE PROTECTION AND PROTECTIVE CLOTHING. 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. CRF® is a registered trademark of Honda Motor Co., Ltd. ©2020 American Honda Motor Co., Inc.



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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
INDUCTION	- Programmed Fuel Injection (PGM-FI), 46mm downdraft throttle body
IGNITION	- DC-CDI
VALVE TRAIN	- Unicam OHC, four-valve
TRANSMISSION	- Wide-ratio six-speed
FINAL DRIVE	- #520 Chain; 13T/51T
CLUTCH	- Multiplate wet
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
RAKE (CASTER ANGLE)	- 28° 30'
TRAIL	- 4.8 inches
WHEELBASE	- 58.9 inches
GROUND CLEARANCE	- 12.6 inches
SEAT HEIGHT	- 37.2 inches
FUEL CAPACITY	- 2.0 gallons
CURB WEIGHT	- 291 pounds (Includes all standard equipment, required fluids and full tank of fuel—ready to ride.)

FEATURES & BENEFITS



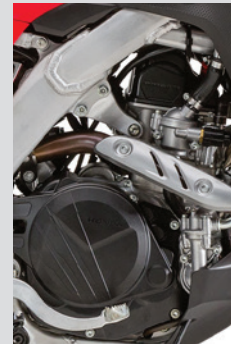
FULLY STREET LEGAL & OFF-ROAD CAPABLE

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.



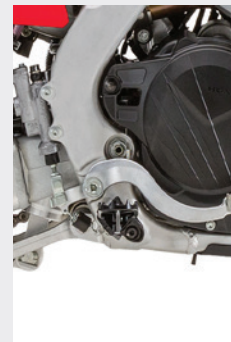
ELECTRIC START

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

Honda's Unicam® cylinder head contributes to a compact engine that saves weight over a comparable dual-overhead-camshaft motor. It also permits a narrow included valve angle that flattens the combustion chamber and allows a high compression ratio. The camshaft also sits lower in the head for a more compact engine and a lower center of gravity.



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.