

READY 
TO RACE

ROUGH, TOUGH AND READY TO RUMBLE



The KTM 790 ADVENTURE R's compact bodywork is lightweight and strong. Its hardy build has an impressive crash resistance and with its enduro-like design, maintenance and repairs are easy to perform out on the trail. Its fuel-tank concept is derived from the KTM Factory Rally bikes, promoting easier handling and maneuverability in tricky terrain – even with a full tank. The KTM 790 ADVENTURE R is fully-equipped and ready for extreme long distance offroad adventure right off the showroom floor!

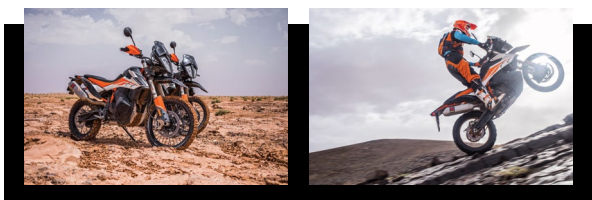
LIGHTWEIGHT. This all-new adventure concept is built around a lightweight and compact enduro-oriented chassis with sleek and sturdy plastic offroad-style bodywork – keeping the overall weight low, so it can be easily ridden deeper offroad.

READY FOR EXTREME ADVENTURE. The direct input from the Factory Rally team helps when the going gets especially tough. Robust impact-resistant bodywork and long-distance race ergonomics are all designed for extreme riding. The easy-to-access air filter makes for easy maintenance, even when out on the trail.

KTM 790 ADVENTURE R

BUILT FOR THE EXTREME

BORN FROM KTM'S OFFROAD COMPETITION EXPERIENCE, THE KTM 790 ADVENTURE R IS A SERIOUS OFFROAD MOTORCYCLE. EQUIPPED FOR EXTREME TRAVEL-ENDURO RIDING, IT HAS EVERYTHING NEEDED FOR hardcore offroad exploration: the lightness and agility of a single-cylinder, with the smooth and reliable power-delivery of a twin. High-quality long-travel suspension contributes to the bike's dynamic handling – impressive, given the significant fuel volume the tank has to offer. This ensures the rider is able to keep things in check through the widest range of riding conditions. So now it's just up to you to decide where and how far you dare to explore!



KTM

COMPACT PERFORMANCE

ENGINE

The LC8c is the most compact performance engine on the market. Pumping out 95 hp (70 kW), combined with modern electronics and a 6-speed sequential gearbox, and with an estimated 450 km fuel range, it is the perfect combination for extreme offroad exploration. On transport stages a smooth ride is assured thanks to two balancer shafts, which keep vibration to a minimum, and, with long service intervals of 15,000 km, you can ride for days on end without a worry.



RIDE-BY-WIRE

KTM's ride-by-wire system electronically translates the throttle commands of the rider into optimum throttle valve positions for the specific riding situation.



ADVANCED COOLING

COOLING

During extreme offroad exploration, it's important the LC8c engine keeps its cool to ensure its advanced power and performance are maintained. Thanks to the KTM 790 ADVENTURE R's design and advanced cooling technology, riding for hours in hot conditions is possible.





AGILE YET STRONG

FRAME

The overall geometry of the KTM 790 ADVENTURE R was developed for light handling, and comfort on long distance exploration missions – with unchallenged offroad capability. Strength was a big consideration in the design, so a tubular CroMo steel frame is used with the engine acting as a stressed member to reduce weight and overall size. All design and engineering innovations are focused on being compact and light.



FRONT FORK

The WP XPLOR 48 mm fork, with 240 mm of travel, has outstanding response and damping characteristics for extreme offroad use. They are fitted with a spring on both sides but feature a separate function for each fork leg: compression damping on the left, rebound on the right. This enables the forks to be easily adjusted on the fly with the twist of a dial on the top of the forks to suit a variety of offroad riding conditions. In addition, a sealed hydro-stop guarantees excellent resistance to bottoming-out.



REAR SHOCK

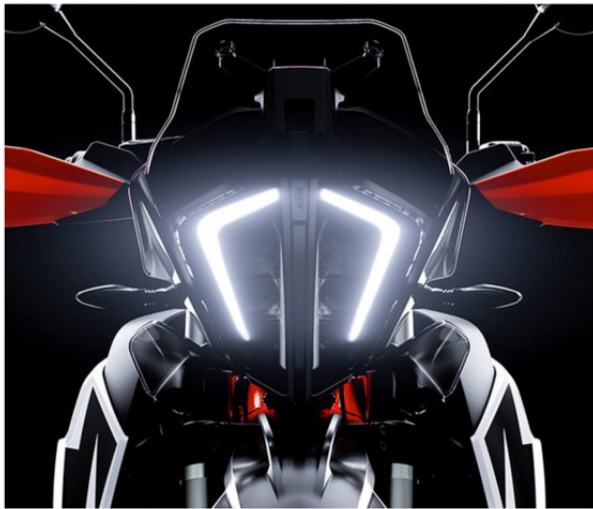
On the rear end sits the WP XPLOR shock with 240 mm of travel for the most extreme offroad conditions. Suspension can be individually setup for pre-load, (high and low speed) compression and rebound. The WP XPLOR PDS rear shock uses KTM's trademark progressive damping system, which allows progressive damping without using a linkage system. Bottoming resistance is provided by a second piston, which works together with a closed cup (instead of a needle) towards the end of the stroke and is supported by a progressive shock spring.



ALLOY TAPERED HANDLEBAR

HANDLEBAR

An aluminum-tapered handlebar allows maximum control while offering a comfortable riding position. The handlebar can be mounted in six different positions, which results in 30 mm of adjustment range, allowing for a personal fit.



LED ILLUMINATION

LED LIGHTS

LED lights are used on the KTM 790 ADVENTURE R as the main headlight, taillight and indicators. LED lights offer great illumination and visibility. They are compact, so they help reduce the overall volume of the motorcycle.



5" TFT DISPLAY

TFT DISPLAY

Reading valuable information like trip meter, fuel range, ABS settings and ride modes on the fly is made easier with the 5-inch, full-color, state-of-the-art TFT display. The rider can select which information and where he would like to have it displayed on the screen. The display's configuration is variable and automatically adapts to variations in environmental light. The rev counter blinks to indicate when to shift.



ENHANCED RIDING EXPERIENCE

RIDER AIDS

Electronic rider aids provide more control, performance and enjoyment to the rider under a wider range of circumstances. Designed to enhance your riding experience, the latest ABS and MTC (Motorcycle Traction Control) technology, along with different ride modes, is tailored to allow you to easily adjust the various rider aids to suit a range of riding conditions. These features can be selected, deselected and utilized to maximize the bike's innovative technology and equipment across a much wider range of terrain.



TUNE IN WITH KTM MY RIDE

KTM MY RIDE

With the KTM MY RIDE system, a smartphone can be connected to the bike, which gives the rider the option of receiving phone calls, listening to music, and, using the optional app for navigation (further information available on www.ktm.com/my-ride).



MTC (MOTORCYCLE TRACTION CONTROL)

The MTC (Motorcycle Traction Control) is a lean-angle sensitive traction control system that reacts immediately the instant rear wheel rotation speed becomes disproportionate to the riding situation. In mere milliseconds, MTC reduces engine output with an extremely smooth, barely perceptible intervention at the throttle valves until slippage is reduced to optimum proportions for the selected ride mode and current angle of lean. For particularly ambitious riders, the traction control can also be switched off.



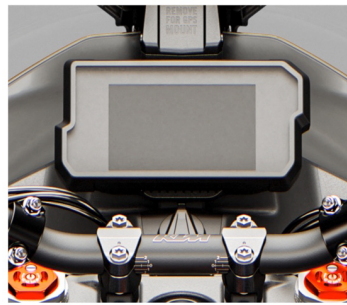
OFFROAD ABS

Braking demands are very different in sand, mud, gravel or rocks from the predictable grip of asphalt. By selecting 'offroad ABS', the ABS function is deactivated on the rear wheel, while the front wheel ABS intervention is reduced and lean-angle sensor data is ignored to accommodate the many potential cornering, steering and control scenarios offroad where the plane of movement might vary (such as leaning into a berm, rut or sand dune). This allows riders to lock up the rear wheel, which can be used to steer into corners, a useful skill for experienced riders seeking to maximize their riding experience offroad. 'Offroad ABS' reduces the prevalence of the ABS on the front wheel on looser surfaces, which better balances decent stopping power with secure braking in the dirt. These settings were developed for maximum braking power with minimal electronic intervention in all scenarios. If you're going offroad, use this mode to unlock the full dynamic riding potential of your KTM 790 ADVENTURE R on the most adventurous terrain.



CORNERING ABS

KTM's cornering ABS system allows riders to always use the full power of their brakes while the system adjusts brake pressure to match the lean angle of the motorcycle, for safer and more predictable braking across a wider range of conditions and scenarios. It can be turned off for offroad conditions.



RALLY MODE

In the more advanced 'Rally mode' which comes standard on the KTM 790 ADVENTURE R, the rider can adapt the character of the bike more freely. 'Rally mode' gives an even sportier version of the throttle response level offered in 'Offroad ride mode'. Slip adjust can be changed in 9 levels, varying from a high intervention level of 9 (comparable to rain mode) to hardly any intervention at all on level 1, with 7 progressive steps of intervention in between. With these settings, the slip adjust can be very precisely matched to the condition of the surface, the skill level of the rider and the requirements of the ride. Reducing slip levels can also help in conserving tires for longer when taking on further-reaching or longer-lasting rides.



OFFROAD RIDE MODE

'Offroad ride mode' takes the sophisticated parallel-twin power of the KTM 790 ADVENTURE R and uses sophisticated sensors to adapt the power delivery through the ECU for effective and confidence-inspiring offroad use. Peak horsepower is reduced slightly, the throttle response is smoothened out and the amount of wheel slip allowed before electronic intervention is raised to allow for a more dynamic ride on loose surfaces. On such low-grip surfaces, a certain amount of wheel slip is needed to ensure forward motion. This feature allows riders to break traction to a fair degree and to facilitate rear-wheel steering. Anti-wheelie is not used in this mode, so riders can easily lift the front wheel over obstacles. Unlike some other modes, 'Offroad ride mode' is not lean-angle sensitive, meaning that traction control does not intervene when a rider uses a berm, sand dune or rut to lean into a turn.



READY TO RACE

TRAVEL



KTM 790 ADVENTURE R

TECHNICAL DATA

เครื่องยนต์ (ENGINE TYPE)

2-cylinder, 4-stroke, Parallel twin

ระยะใช้คหน้า / หลัง (SUSPENSION TRAVEL / REAR)

240 / 240 mm

ความจุกระบอกสูบ (DISPLACEMENT)

799 cc

ความสูงเบาะ: (SEAT HEIGHT)

880 mm

กำลังสูงสุด (POWER)

70 kW (95hp) @ 8,000 rpm

ขนาดถังน้ำมัน (TANK CAPACITY)

20 l

แรงบิดสูงสุด (TORQUE)

88 Nm @ 6,600 rpm

น้ำหนักรถ (DAY WEIGHT)

189 kg

ขนาดยาง หน้า / หลัง (TIRES FRONT / REAR)

90 / 90 R 21 , 150 / 70 R 18

ความสูงจากพื้น (GROUND CLEARANCE)

263 mm

HIGHLIGHTS

- // FULLY ADJUSTABLE WP SUSPENSION
- // OFFROAD ERGONOMICS
- // RIDE MODES (STREET, RAIN, OFFROAD, RALLY)

ราคา (Price)

569,800.-

AVAILABLE BIKE COLOR



KTM.COM

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