

# 2017 RENEGADE ADVENTURE SERIES

The Renegade is ready for any adventure, no matter which Renegade you ride. The long and tall endurance geometry is designed specifically to ride comfortably all day on the road or in harsh conditions off-road. The smooth ride of the full carbon fiber Expert and Elite bikes introduced last year set the bar for how we wanted the new-for-'16 steel Exploit and Expat and aluminum Exile to ride this year. With disc brakes and the ability to mount a 40mm tire, these bikes are ready to go just about anywhere. All you need is the desire to push, pedal and explore.

## Frame Design

Starting with a wide and consistent stack and reach range, we set out to design a frame that could handle on or off road conditions while maintaining a comfortable ride. As you start to review the geo chart you will noticed we have 3 different fork offsets, BB drops and rear center measurements. Add size specific tubing and 2 different sized rear triangles and you have what we feel is the perfect endurance geo for all sized riders. The reason for this is that we wanted the 48 and 61 to fit the rider correctly and make the geo changes needed to provide the perfect ride.

## Size Specific Frame Design

Size Specific Design (SSD) is the Jamis design philosophy and technique used to create the best possible riding bike for each size rider. Rather than limiting frame size variations to just different length top, seat and head tubes lengths, we take an all-inclusive look at each frame's total configuration. Every SSD frame will also feature size-specific BB drop, rear center, fork offset/trail and SST technology.

## ECO Fork 12mm Thru-Axle

Enhanced Compliance Offset (ECO) fork blades are swept forward several millimeters to provide extra vertical compliance for a more comfortable and controlled ride without any compromise in lateral stiffness. This is possible in part due to the ECO's reinforcing rib on the inside of the fork legs. The integration of a 12mm thru-axle into our fork maintains all of the characteristics of our ECO design while adding the thru-axle benefits of increased front-end stiffness and further reduced weight. Win-win.

## 142 x 12mm Thru-Axle

Securing the rear wheel to the frame by threading it into the rear dropouts is not only safer, it's stiffer. Increasing the rear axle diameter from 10mm to 12mm provides a stable platform for the disc braking forces and allows us to tune the rear seat stays for more compliance/comfort. You will appreciate this on your long days. The rear wheel tracks directly in line with the frame, for more precise handling, so you can go faster with more confidence. The 142mm hub dropouts provide a self-centering feature for the rear wheel for faster, easier installation.

## We ACE'ed it

ACE is our Internal Cable Guide System that is companionable with mechanical or Di2 shifting as well as hydraulic or mechanical braking. To keep shifting and braking performing best in any & all conditions, we've routed all cables internally on the new Renegade and designed a completely enclosed BB guide to keep cables clean, assuring precise shifts and sure stops in all conditions. And if you want to shift electronically, we've got you covered. Incorporated into our internal cable guide system are a few extra cable fittings that make the Renegade Di2 compatible

## Disc Brakes

With endurance geometry designed to go anywhere the only choice was disc brakes. Now the Renegade Elite, Expert and Exploit all come with hydraulic brakes. With hydraulic disc brakes you will have the most consistent and confidence-inspiring braking available. Just think about jamming down hill on a rutted out fire road with your hands all over the hoods... the power & modulation benefits of hydraulic disc brakes become readily apparent.

## BB386 EVO Shell

The new BB386 EVO bottom bracket design takes the lighter, stiffer 30mm alloy spindle of the BB30 design, incorporates press fit bearing cups instead of direct fit bearings and marries it to a wider 86.5mm BB shell. All without changing Q-factor. Why a wider shell? It allows us to increase the diameter of our seat and down tubes at the BB shell a full 30%, for increased stiffness where you really need it. We can also optimize chainstay design with both increased diameters (stiffer!) and wider spacing (more tire clearance!)

## More Mounts

To make life easier we have repositioned each mount externally in a variety of easy-to-use locations. With a wide collection of fork and frame mounts you can now choose to mount fenders, rear carrier, low-rider front carrier (or two cages for water bottles/ storage) and three front triangle water bottles. This will open up the options wherever and whenever you chose to ride. Bad weather, commuting, trekking, touring – anything is possible.

## Tubeless MTB Rims

Tubeless and wider rims across the range provide great benefits on any terrain. The tubeless benefits are to help prevent flats with sealant as well as being able to adjust your tire pressure for the perfect ride. For example on dirt roads you may want to reduce the tire pressure to increase your contact patch for better grip without the worry of pinch flatting. The beauty of the 23-24mm wider rims effectively gives you a constant and wide tire surface yielding better handling, stability and confidence with plenty of surface grip for control.

## Dropper Post Ready

Just in case you want to continue to push the boundaries, we added cable routing capability for a 27.2mm dropper post. Carbon-made Elite and Expert models have routing for an internal post while the Exploit is fitted for external.

## Pedaling Platform

After two years of testing and research we are able to provide even more comfort by reducing the seat post diameter on the carbon Renegade to 27.2mm. Through the combination of a new frame seat cluster and clamping configuration we were able to accentuate the benefits of top-down 27.2mm seatpost comfort while not compromising on side-to-side flex.