

2021 BACKCOUNTRY X-RS®

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// WHAT'S NEW

- Large panoramic 7.8-in. wide LCD color display available

// PACKAGE HIGHLIGHTS

- REV® Gen4 platform with narrow-design bodywork
- Rotax® 850 E-TEC® engine
- E-TEC® SHOT™ starter available
- pDrive™ clutch with clickers
- cMotion™ rear suspension
- RAS™ 3 front suspension
- 146 in. track choice: 15 x 146 x 1.6 in. Cobra or Ice Cobra or 16 x 146 x 2.0 in. PowderMax¹
- 154 in. track choice: 16 x 154 x 2.0 or 2.5 in. PowderMax¹
- KYB Pro 36 R front shocks and KYB Pro 40 rear shocks aluminum piggyback with Easy-Adjust compression adjuster (22 clicks)
- Brembo racing brake with braided stainless-steel brake line
- Adjustable ski stance
- Trail performance seat
- Transparent handguards
- Warm glove box with 4 L / 1 US gal of storage
- Open toe-hold
- Gauge choices: 7.2-in. wide digital display or Large panoramic 7.8-in. wide LCD color display (opt.)
- RS running boards
- *ULTIMATE* color option with panel wrap: Supreme look and finish, maximum protection
- Backlit multifunction handlebar controls on select configurations



BACKCOUNTRY™ X-RS® 146 850 E-TEC® SHOWN



BACKCOUNTRY™ X-RS® 154 850 E-TEC® SHOWN



BACKCOUNTRY™ X-RS® 146 850 E-TEC® SHOWN

ROTAX® ENGINE	850 E-TEC®
Engine details	Liquid-cooled, two-stroke, eRAVE™
Cylinders	2
Displacement	849 cc / 51.9 in. ³
Bore	82 mm / 3.2 in.
Stroke	80.4 mm / 3.2 in.
Maximum engine speed	7,900 RPM
Carburation	E-TEC® direct injection with additional booster injectors
Recommended fuel type	Premium unleaded
Minimum octane	91
Fuel tank	36 L / 9.5 US gal
Oil tank capacity	3.4 L / 3.6 qt
DRY WEIGHT	214 kg / 472 lb [146 in.] 220 kg / 485 lb [154 in.]

POWERTRAIN	
Drive clutch type	pDrive™ with clickers
Driven clutch type	QRS
Engagement	3,300 RPM
Small sprocket number of teeth	21 [Cobra 1.6, Ice Cobra 1.6, PowderMax¹ 2.5] 23 [PowderMax¹ 2.0]
Large sprocket number of teeth	45 [Cobra 1.6, Ice Cobra 1.6] 51 [PowderMax¹ 2.0 and 2.5]
Drive sprocket number of teeth	8
Drive sprocket diameter	183 mm / 7.2 in.
Drive sprocket pitch	73 mm / 2.86 in.
Brake system	Brembo racing brake with stainless-steel braided brake line

SUSPENSION	
Front suspension	RAS™ 3
Front shock	KYB¹ Pro 36 R Easy-Adjust
Front suspension travel	220 mm / 8.7 in.
Rear suspension	cMotion™
Center shock	KYB¹ Pro 40 Easy-Adjust
Rear Shock	KYB¹ Pro 40 Easy-Adjust
Rear suspension travel	239 mm / 9.4 in.

COLOR	
<i>ULTIMATE</i> Catalyst Grey / Lava Red	
Black	
DIMENSIONS	
Vehicle overall length	3,174 mm / 125 in. [146 in.] 3,284 mm / 129.3 in. [154 in.]
Vehicle overall width	1,140 to 1,180 mm / 44.9 to 46.5 in.
Vehicle overall height	1,283 mm / 50.5 in.
Ski stance	975 or 1,020 mm / 38.4 or 40.2 in.
Track (Length x Width x Profile)	Cobra: 146 x 15 x 1.6 in. [3,705 x 381 x 41 mm] Ice Cobra: 146 x 15 x 1.6 in. [3,705 x 381 x 41 mm] opt. PowderMax¹: 146 x 16 x 2.0 in. [3,705 x 406 x 51 mm] opt. 154 x 16 x 2.0 in. [3,912 x 406 x 51 mm] 154 x 16 x 2.5 in. [3,912 x 406 x 64 mm] opt.

FEATURES	
Frame	REV® Gen4
Bodywork	Narrow design
Skis	Pilot™ DS 2
Seating	Trail performance
Handlebar	U-shaped aluminum with J-hooks / Transparent handguards
Riser block height	120 mm / 4.7 in.
Starter	Electric, SHOT [opt.]
Reverse	RER™
Heated throttle lever / grips	Standard
Gauge type	7.2-in. wide digital display
Windshield	Optional
Runner	Round 7/16
Carbide configuration	102 mm / 4 in. at 90°
Bumpers (Front/Rear)	Std / Std

// FEATURE HIGHLIGHTS



E-TEC® SHOT™ starter

Push-button starting with almost no added weight. Uses energy stored in the lightweight ultracapacitor to turn the magneto and with E-TEC® technology, starts the engine.



RS running boards

Designed for aggressive stand-up riding, they are flatter for most of their length, wider and strong. Thicker aluminum sheet, plus front and rear reinforcements to withstand tough landings.



Rotax® 850 E-TEC® engine

Next generation of the most advanced direct-injection two-stroke engine technology. Designed for reliability and durability with proven 4-stroke and long-lasting automotive technologies.



cMotion™ 146 or 154 rear suspension

Crossover-specific suspension uses best principles of the rMotion™ trail and tMotion™ mountain skids for confident cornering and agile boondocking.



Large panoramic 7.8 in. Wide LCD Color Display available

Wide screen full-color display lets riders truly customize their ride from behind the bars. Choose your preferred sled info, and see app integrated information in a split-screen format with GPS, Bluetooth music, helmet-to-helmet communication and more.



pDrive™ clutch

Fast and friction-free dual rollers transfer torque in place of traditional sliding buttons. Ultra-responsive shifting, impressive RPM consistency and lightweight.

