

2021

BACKCOUNTRY X-RS®

// WHAT'S NEW

- Large panoramic 7.8-in. wide LCD color display available *Spring Only*

// PACKAGE HIGHLIGHTS

- REV® Gen4 platform with narrow-design bodywork
- Rotax® 850 E-TEC® engine
- Electric starter available
- pDrive™ clutch with clickers
- cMotion™ rear suspension
- RAS™ 3 front suspension
- 146 in. track choice: 16 x 146 x 2.0 in. PowderMax¹
- 154 in. track choice: 16 x 154 x 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 of storage
- Open toe-hold
- Gauge choices: 7.2-in. wide digital display or Large panoramic 7.8-in. wide LCD color display (Spring only)
- RS running boards
- *ULTIMATE* color option with panel wrap: Supreme look and finish, maximum protection
- Backlit multifunction handlebar controls



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

SPRING ONLY

ROTAX® ENGINE

850 E-TEC®

Engine details	Liquid-cooled, two-stroke, eRAVE™
Cylinders	2
Displacement	849 cc
Bore	82 mm
Stroke	80.4 mm
Maximum engine speed	7,900 RPM
Carburation	E-TEC® direct injection with additional booster injectors
Recommended fuel type	Unleaded 95
Fuel tank	36 L
Oil tank capacity	3.4 L

POWERTRAIN

Drive clutch type	pDrive™ with clickers
Driven clutch type	QRS
Engagement	3,300 RPM
Small sprocket number of teeth	21
Large sprocket number of teeth	51
Drive sprocket number of teeth	8
Drive sprocket diameter	183 mm
Drive sprocket pitch	73 mm
Brake system	Brembo racing brake with stainless-steel braided brake line

SUSPENSION

Front suspension	RAS™ 3
Front shock	KYB® Pro 36 R Easy-Adjust
Front suspension travel	220 mm
Rear suspension	cMotion™
Center shock	KYB® Pro 40 Easy-Adjust
Rear Shock	KYB® Pro 40 Easy-Adjust
Rear suspension travel	239 mm

COLOR

ULTIMATE Catalyst Grey / Lava Red  *Spring Only*

Black 

DIMENSIONS

Vehicle overall length	3,174 mm 3,284 mm
Vehicle overall width	1,140 to 1,180 mm
Vehicle overall height	1,283 mm
Ski stance	975 or 1,020 mm
Track (Length x Width x Profile)	PowderMax ¹ : 146 x 16 x 2.0 in. (3,705 x 406 x 51 mm) 154 x 16 x 2.5 in. (3,912 x 406 x 64 mm)

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
Starter	Electric
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 at 90°
Bumpers (Front/Rear)	Std / Std

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2021 BACKCOUNTRY X-RS®



**BACKCOUNTRY™ X-RS® 154 850 E-TEC® SHOWN
SPRING ONLY**



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

// FEATURE HIGHLIGHTS



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.



pDrive™ clutch

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



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.



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.



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.