

2021 BACKCOUNTRY X

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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
- 15 x 146 x 1.6 in. Cobra or Ice Cobra or 16 x 146 x 2.0 in. PowderMax¹ track choice
- KYB¹ Pro 36 aluminum piggyback rear shock with Easy-Adjust compression adjusters (22 clicks)
- Brembo racing brake with braided stainless-steel brake line
- Adjustable ski stance
- Performance trail 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.)
- Backlit multifunction handlebar controls
- Improved deep snow running boards with large openings



BACKCOUNTRY™ X® 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	209 kg / 462 lb
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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] 23 [PowderMax¹ 2.0]
Large sprocket number of teeth	45 [Cobra 1.6, Ice Cobra 1.6] 51 [PowderMax¹ 2.0]
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	HPG™ Plus
Front suspension travel	220 mm / 8.7 in.
Rear suspension	cMotion™
Center shock	HPG™ Plus
Rear Shock	KYB¹ Pro 36 Easy-Adjust
Rear suspension travel	239 mm / 9.4 in.

COLOR	
Intense Blue / White	
Black	
DIMENSIONS	
Vehicle overall length	3,174 mm / 125 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.

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	360 mm / 14 in.
Runner	Square 3/8
Carbide configuration	102 mm / 4 in. at 90°
Bumpers (Front/Rear)	Std / Std



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// FEATURE HIGHLIGHTS



cMotion™ rear suspension

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



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.



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.



pDrive™ clutch

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



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.



Pilot™ DS2 skis

Single keel with excellent sidehilling bite, thanks to thin outer edges. Narrow and thin, yet stiff. Shorter behind the spindle with flat tail for easier counter-steering and sidehilling.

