

2027

BACKCOUNTRY™ X-RS®

The most aggressive crossover vehicle with snocross attitude and go-anywhere capability.



BACKCOUNTRY X-RS 146
850 E-TEC TURBO R SHOWN

// WHAT'S NEW

- 20th Anniversary Special Edition exclusive features: Highly-Metallic Circuit Yellow Special Edition color, Evo Stinger grille badge and handlebar pad, Yellow Ski-Doo logo snowflap, yellow shock springs, tunnel number plate
- Improved performance trail seat shape and ergonomics

// PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® Turbo R engine with Water Injection System and 850 E-TEC® engine
- 2 options of ski stance: 39 in. for a true 50/50 on- and off-trail experience with the RAS™ X front suspension and 43 in. for a trail-oriented ride with the RAS™ RX front suspension
- Pilot™ DS 2 skis [39 in. ski stance] and Pilot™ RX skis [43 in. ski stance]
- 5 choices of tracks: 3 choices of PowderMax¹ tracks for 39 in., 2 choices of Storm and Ice Storm tracks for 43 in. ski stance

- High-performance KYB Pro shock package
- 10.25 in. touchscreen display featuring BRP Connect, built-in GPS with Group Ride
- E-TEC® SHOT™ starter available [39 in. ski stance only and standard with Turbo R]
- Glove box with 1 US gal / 4 L of storage
- Backlit multifunction handlebar controls
- pDrive™ clutch with clickers
- Transparent handguards
- Open toehold
- Belt-monitoring system
- cMotion™ X rear suspension with rail reinforcement
- Premium high-performance LED headlights
- Precision rack steering system
- Ice scratchers
- Adjustable brake lever
- Deep snow running boards with large openings
- Black version available [does not come with 20th anniversary edition exclusive features]

ROTAX ENGINE

	850 E-TEC TURBO R	850 E-TEC
Engine details	Liquid-cooled, two-stroke, turbocharged, Water Injection System, eRAVE™	Liquid-cooled, two-stroke, eRAVE™
Horsepower*	180 up to 8,000 ft	165
Cylinders – Displacement	2 - 849 cc	2 - 849 cc
Bore – Stroke (mm)	82 x 80.4	82 x 80.4
Fuel system	E-TEC® direct injection with additional booster injectors	E-TEC® direct injection with additional booster injectors
Fuel type – Octane	Premium unleaded - 91	Premium unleaded - 91
Fuel tank (L/US gal)	36 / 9.5	36 / 9.5
Oil tank capacity (L/qt)	3.4 / 3.6	3.4 / 3.6

POWERTRAIN

Drive clutch	pDrive™ with clickers / QRS Vent	pDrive™ with clickers / QRS Vent
Driven clutch	Plus	Plus
Drive sprocket pitch (mm/in.)	73 / 2.86	73 / 2.86

DRY WEIGHT

Dry weight (lb)	498 [146 in.]	473 [146 in.]
		480 [154 in.]

DIMENSIONS

Vehicle overall length (mm/in.)	3,174 / 125 [146 in.]	
	3,284 / 129.3 [154 in.]	
Vehicle overall width (mm/in.)	1,160 / 45.7 [adjustable, 39 in.]	
	1,211 / 47.8 [adjustable, 43 in.]	
Vehicle overall height (mm/in.)	1,283 / 50.5	
Ski stance (mm/in.)	1,000 / 39 [adjustable]	
	1,090 / 43 [adjustable]	
Available tracks (in.) (Length x width x profile)	39 in. ski stance: PowderMax ¹ : 146 x 16 x 2.0 154 x 16 x 2.0 154 x 16 x 2.5	43 in. ski stance: Storm 150: 146 x 15 x 1.5 Ice Storm 150: 146 x 15 x 1.5

COLOUR

Circuit Yellow - 20th Anniversary	
Black	

SUSPENSION

Front suspension	RAS™ X (39 in.) RAS™ RX (43 in.)
Front shock	KYB PRO 36 EA-3
Front suspension travel (mm/in.)	220 / 8.7 [39 in.] 279 / 11.0 [43 in.]
Rear suspension	cMotion X
Center shock	KYB PRO 40 EA-3
Rear shock	KYB PRO 40 EA-3
Rear suspension travel (mm/in.)	264 / 10.4

FEATURES

Platform	REV® Gen5
Headlights	Premium high-performance LED
Skis	Pilot DS 2 (39 in.) Pilot RX (43 in.)
Seating	Trail narrow - performance
Handlebar	Tapered with J-hooks / Transparent handguards
Riser block height (mm/in.)	120 / 4.7
Starter	850 E-TEC : Electric, SHOT (opt. on some configurations) 850 E-TEC Turbo R : SHOT
Reverse	RER™
Brake system	Brembo with adjustable lever
Heated throttle lever/grips	Standard
Gauge type	7.2 in. digital display 10.25 in. touchscreen display
Windshield	Ultra-low
Runner (in.) – Carbide (in.)	3/8 square – 4
Bumpers (front/rear)	Standard/Standard

// FEATURE HIGHLIGHTS



1 Rotax 850 E-TEC Turbo R engine with Water Injection System

Rotax 850 E-TEC Turbo R engine with Water Injection System sets new standards in lightweight 2-stroke performance with the most horsepower that's delivered consistently.



2 Trail performance seat

Engineered for trail riding, the new seat features an upright design for better posture, reduced forward tilt for enhanced stability, and optimized firmness for solid support. A slightly wider profile adds comfort without sacrificing performance.



3 RAS™ RX front suspension with wider 43 in. ski stance

The Backcountry™ X-RS® equipped with the 43-inch-wide ski stance combined with RAS™ RX front suspension improves its on-trail cornering stability while maintaining traction and flotation in deeper snow.



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4 cMotion™ X rear suspension with rail reinforcement

Completely new lighter design is better balanced for performance on and off trail. Perfectly balanced weight transfer for an increased fun factor, more travel for more comfort and rail reinforcement for added strength.



5 Pilot™ RX skis for 43 in. ski stance

The aggressive design of the Pilot™ RX ski offers better grip, enhanced cornering and unparalleled control in all snow conditions.



6 10.25 in. Touchscreen Display with BRP Connect, featuring Built-In GPS with Group Ride

View the live location of members of your group while independently seeing other riders around, without the need for a phone connection or cellular network access. Benefit from a map layer and trails,* track your current ride and see previous. For more, use your phone with the free BRP GO! app.

ski-doo®

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