

# 2021 RENEGADE® X-RS®

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## // WHAT'S NEW

- rMotion™ X rear suspension with two adjustable transfer settings
- RAS™ X front suspension with wider and adjustable ski stance
- Skis choices: Pilot™ X and Pilot™ TX (with QAS)
- Large panoramic 7.8-in. wide LCD color display available

## // PACKAGE HIGHLIGHTS

- Rotax® 850 E-TEC® and 900 ACE™ Turbo engines
- pDrive™ clutch
- REV™ Gen4 platform with narrow-design (850 E-TEC®) or wide-design (900 ACE™ Turbo) bodywork
- Forward Adjustable Riser
- KYB® Pro 36 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
- Transparent handguards
- Backlit multifunction steering controls
- Gauge choices: 7.2-in. wide digital display or Large panoramic 7.8-in. wide LCD color display
- Optional Adjustment package including rMotion™ X Quick Adjust™ system and Pilot™ TX skis or rMotion™ X Quick Adjust™ system only
- RS running boards
- Forward steering post position (850 E-TEC®)
- Rack steering system
- 15 x 137 in. track choice: 1.25 in. RipSaw® or Ice Ripper XT or 1.5 in. Ice Ripper XT

## // EXTRA HIGHLIGHTS

- 900 ACE™ TURBO**
- iTC™ Engine mapping modes (Standard, Sport or ECO\*)
  - Reversible throttle lever (thumb or finger activated)
  - Engine oil cooler

ROTAX® ENGINE	850 E-TEC®	900 ACE™ Turbo
Engine details	Liquid-cooled, two-stroke, eRAVE™	Liquid-cooled, four-stroke D.O.H.C., dry sump, turbocharged
Cylinders	2	3
Displacement	849 cc / 51.9 in. <sup>3</sup>	899 cc / 54.9 in. <sup>3</sup>
Bore	82 mm / 3.2 in.	74 mm / 2.9 in.
Stroke	80.4 mm / 3.2 in.	69.7 mm / 2.7 in.
Maximum engine speed	7,900 RPM	7,750 RPM
Carburation	E-TEC direct injection with additional booster injectors	EFI
Recommended fuel type	Premium unleaded	Premium unleaded
Minimum octane	91	91
Fuel tank	36 L / 9.5 US gal	36 L / 9.5 US gal
Oil tank capacity	3.4 L / 3.6 qt	3.3 L / 3.5 qt
<b>DRY WEIGHT</b>	225 kg / 495 lb	241 kg / 531 lb

## POWERTRAIN

	pDrive™ with clickers	pDrive™
Drive clutch type	QRS	QRS
Engagement	2,900 RPM	2,200 RPM
Small sprocket number of teeth	25	25
Large sprocket number of teeth	45	45
Drive sprocket number of teeth	8	8
Drive sprocket diameter	183 mm / 7.2 in.	183 mm / 7.2 in.
Drive sprocket pitch	73 mm / 2.86 in.	73 mm / 2.86 in.
Brake system	Brembo racing brake with stainless-steel braided brake line	Brembo racing brake with stainless-steel braided brake line

## SUSPENSION

Front suspension	RAS™ X
Front shock	KYB® Pro 36 Easy-Adjust
Front suspension travel	265 mm / 10.4 in.
Rear suspension	rMotion™ X with QAS (optional)
Center shock	KYB® Pro 40 Easy-Adjust
Rear Shock	KYB® Pro 40 Easy-Adjust
Rear suspension travel	292 mm / 11.5 in.



RENEGADE® X-RS® 850 E-TEC® SHOWN



RENEGADE® X-RS® 900 ACE™ TURBO SHOWN

## COLOR

Sunburst Yellow / Black

Black

## DIMENSIONS

Vehicle overall length	3,038 mm / 119.6 in.
Vehicle overall width	1,209 - 1,232 - 1,255 mm / 47.6 - 48.5 - 49.4 in.
Vehicle overall height	1,267 mm / 49.9 in.
Ski stance	1,069 - 1,092 - 1,115 mm / 42.1 - 43 - 43.9 in.
Track (Length x Width x Profile)	RipSaw®: 137 x 15 x 1.25 in. [3,487 x 381 x 32 mm] Ice Ripper XT: 137 x 15 x 1.25 in. [3,487 x 381 x 32 mm] opt. 137 x 15 x 1.5 in. [3,487 x 381 x 38 mm] opt.

## FEATURES

Frame	REV™ Gen4
Bodywork	Narrow design (850 E-TEC®) Wide design (900 ACE™ Turbo)
Skis	Pilot™ X / Pilot™ TX (optional)
Seating	Trail performance (850 E-TEC®) Trail with storage (900 ACE™ Turbo)
Handlebar	U-shaped aluminum with J-hooks / Transparent handguards
Riser block height	Adjustable-120 mm / 4.7 in.
Starter	Electric
Reverse	RER™ (850 E-TEC®) Mechanical (900 ACE™ Turbo)
Heated throttle lever / grips	Standard
Gauge type	7.2-in. wide digital display 7.8-in. wide LCD color display (opt.)
Windshield	Optional
Runner	Round 1/2
Carbide configuration	102 mm / 4 in. at 90°
Bumpers (Front/Rear)	Std / Std

TWO-STROKE ENGINE



RENEGADE® X-RS® 850 E-TEC® SHOWN

FOUR-STROKE ENGINE



RENEGADE® X-RS® 900 ACE™ TURBO SHOWN



RENEGADE® X-RS®  
850 E-TEC® SHOWN



RENEGADE® X-RS®  
900 ACE™ TURBO SHOWN

## // FEATURE HIGHLIGHTS



### RAS™ X front suspension

Flatter cornering and precision handling in all conditions. Developed in tandem with the rMotion X rear suspension to raise the bar in trail snowmobile chassis performance. Wider, adjustable ski stance and +10mm of suspension stroke maximize stability, capability and comfort.



### Rotax® 900 ACE™ Turbo engine

With a Rotax-built turbocharger specifically designed for the 900 ACE engine, riders get the technology they love with the reliable, powerful performance they demand in one advanced engine package.



### rMotion™ X rear suspension

Built upon the same principles rMotion suspensions are renowned for, and then some. Completely redesigned for unmatched big bump absorption and incredible comfort. Longer front arm with exclusive adjustable angle design ideally mates with RAS X front suspension creating superior cornering on-trail.



### Pilot™ X and TX skis

Completely redesigned ski to match flawlessly with the most ride-compliant suspensions in the industry. Offering more positive ski traction and reduced darting for confident performance.



### 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.



### 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.

