

# 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, two-stroke, eRAVE™                        |
| Cylinders             | 2  | 2  |
| Displacement          | 849 cc / 51.9 in. <sup>3</sup>                           | 849 cc / 51.9 in. <sup>3</sup>                           |
| Bore                  | 82 mm / 3.2 in.  | 82 mm / 3.2 in.  |
| Stroke                | 80.4 mm / 3.2 in.  | 80.4 mm / 3.2 in.  |
| Maximum engine speed  | 7,900 RPM  | 7,900 RPM  |
| Carburation           | E-TEC direct injection with additional booster injectors | E-TEC direct injection with additional booster injectors |
| 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   | 3.4 L / 3.6 qt   |
| <b>DRY WEIGHT</b>     | 225 kg / 495 lb  | 241 kg / 531 lb  |

## POWERTRAIN

|                                |   |   |
|--------------------------------|---|---|
| Drive clutch type              | pDrive™ with clickers                                       | pDrive™   |
| Driven 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)<br>Ice Ripper XT:<br>137 x 15 x 1.25 in. (3,487 x 381 x 32 mm) opt.<br>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®)<br>Wide design (900 ACE™ Turbo)            |
| Skis                          | Pilot™ X / Pilot™ TX (optional)                                       |
| Seating                       | Trail performance (850 E-TEC®)<br>Trail with storage (900 ACE™ Turbo) |
| Handlebar                     | U-shaped aluminum with J-hooks /<br>Transparent handguards            |
| Riser block height            | Adjustable-120 mm / 4.7 in.   |
| Starter                       | Electric  |
| Reverse                       | RER™ (850 E-TEC®)<br>Mechanical (900 ACE™ Turbo)                      |
| Heated throttle lever / grips | Standard  |
| Gauge type                    | 7.2-in. wide digital display<br>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.



### 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.



### 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.



### 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.



### 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.



### 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.

