



Arctic Cat ZR 858 R-XC EPS 858cc Snowmobile ZR-858-R-XC-EPS

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Product Description

Arctic Cat ZR 858 R-XC EPS 2027 858cc Snowmobile

The ZR® R-XC lineup brings cross-country race pedigree to everyday trail riding. Built on the lightweight, centralized CATALYST platform, these sleds are engineered for control, durability and a relentless pace. Electronic Power Steering reduces fatigue and keeps handling precise when conditions get demanding. When the terrain gets rough, R-XC stays sharp. The ZR 858 R-XC EPS offers competitive specification for its class and benefits from Arctic Cat's legacy of snowmobile innovation. Whether you are a seasoned enthusiast or a rider building hours in their home riding area, the ZR 858 R-XC EPS brings a proven combination of chassis engineering, powertrain capability, and standard equipment to the trails.

Arctic Cat has been producing snowmobiles since 1962 and the ZR R-XC series continues that tradition with a machine that reflects current engineering priorities while remaining true to the brand's commitment to rider-focused design. The 858cc engine at the core of the ZR 858 R-XC EPS powers it through a wide range of conditions with consistency and character.

The ZR 858 R-XC EPS is made for riders who run trails at speed and want a machine with race-inspired geometry and chassis calibration. The R-XC designation signals a higher level of suspension tuning and performance-oriented setup. It is best suited to experienced riders who want a trail machine that feels alive under aggressive riding and responds precisely to rider inputs on fast, technical trail surfaces. The ZR 858 R-XC EPS is backed by a 12 Months warranty.

Engine and Powertrain

The ZR 858 R-XC EPS is powered by a 858, 2-Stroke engine, liquid cooled, with next gen. c-tec2 fuel delivery. The bore and stroke dimensions of 85 x 75.6 mm give the engine its distinctive power character. Clutch duties are handled by an ADAPT / ADAPT setup, calibrated to deliver smooth and efficient power transfer across the power range. The exhaust system, apv iv w/ full stainless steel exhaust & egt sensors, contributes to the engine's overall performance character. A minimum octane rating of 91 is recommended to maintain proper engine performance.

- Displacement: 858cc
- Engine type: 858, 2-Stroke
- Cooling: Liquid
- Cylinders: 2
- Bore x stroke: 85 x 75.6 mm
- Fuel delivery: Next Gen. C-TEC2
- Drive clutch: ADAPT
- Driven clutch: ADAPT
- Reverse: Push-Button Engine
- Fuel capacity: 10.4 gal

- Minimum octane: 91
- Starter: Push-Button Electric Start

Track and Suspension

The ZR 858 R-XC EPS runs a 137 in x 15 in Cobra track with a 1.35 in lug height and 2.86 in pitch. The track configuration is optimized for the groomed and lightly off-trail conditions that define the trail snowmobile category. The front suspension features AWS 42 with 8.2 in of travel, while the rear suspension uses R-XC SLIDE-ACTION w/ 4 Wheel Rear Axle Assembly, Coupling Blocks, Torque-Sensing Link Rear Arm & Adjustable Torsion Springs with 13.5 in of travel for the intended riding style.

- Track length: 137 in
- Track width: 15 in
- Track type: Cobra
- Lug height: 1.35 in
- Pitch: 2.86 in
- Front suspension: AWS 42
- Front travel: 8.2 in
- Rear suspension: R-XC SLIDE-ACTION w/ 4 Wheel Rear Axle Assembly, Coupling Blocks, Torque-Sensing Link Rear Arm & Adjustable Torsion Springs
- Rear travel: 13.5 in
- Ski type / width: C&A Pro XPT
- Ski stance: 41.5-42.5 in - Adjustable
- Brakes: Stealth Hydraulic Master Cylinder w/ Race Caliper

Chassis and Dimensions

The chassis of the Arctic Cat ZR 858 R-XC EPS is designed to balance rigidity with weight management. With trail performance and rider ergonomics as key drivers. The heat exchanger configuration is front/long tunnel, designed for consistent cooling across typical operating temperatures.

- Overall chassis length: 126 in
- Overall chassis width: 48-49 in
- Overall chassis height: 48 in
- Heat exchanger: Front/Long Tunnel

Features and Standard Equipment

The Arctic Cat ZR 858 R-XC EPS comes equipped with a range of standard features selected to enhance the riding experience from the moment you take delivery. Lighting is provided by led for strong visibility on early morning or evening rides. The 5.5 in low height windshield offers appropriate wind and weather protection for the intended riding category. The hooked handlebar design positions the rider comfortably for the intended riding posture. Available in Race Green, the ZR 858 R-XC EPS presents a distinctive and purposeful appearance.

Standard accessories include: 12V Outlet, Sport Front Bumper, Integrated Goggle Holder, ATACH mounting, Handguards, Hand & Thumb Warmers, Race Brake Disc, EPS Steering, Tether Switch, Visor Plug-In.

- Lighting: LED
 - Windshield: 5.5 in Low Height
 - Handlebars: Hooked
 - Seating style: Trail
 - Available colors: Race Green
 - Starter: Push-Button Electric Start
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