



Arctic Cat ZR 858 858cc Snowmobile ZR-858

[Read More](#)

SKU: ZR-858

Categories: [Arctic Cat](#)

Product Description

Arctic Cat ZR 858 2027 858cc Snowmobile

The ZR delivers responsive handling, capable power and everything you need for a full day of trail domination. With the rider-first CATALYST™ platform and available electronic power steering, these sleds provide confident control. The ZR 858 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 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 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 powers it through a wide range of conditions with consistency and character.

The ZR 858 suits a wide range of trail riders, from those building their first full season on snow to experienced riders seeking a reliable and well-rounded machine for regular use. It performs well on groomed trail systems, light off-trail terrain, and the varied conditions typical of a full winter riding season. Its combination of proven powertrain, capable suspension, and thoughtful standard equipment makes it a strong all-around choice in the trail snowmobile category. The ZR 858 is backed by a 12 Months warranty.

Engine and Powertrain

The ZR 858 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 runs a 137 in x 15 in Ripsaw II track with a 1.25 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 SLIDE-ACTION with 3 Wheel Rear Axle Assembly, Coupling Blocks, Torque-Sensing Link Rear Arm, Adjustable Torsion Springs, ATAC system with 13.5 in of travel for the intended riding style.

- Track length: 137 in
- Track width: 15 in
- Track type: Ripsaw II
- Lug height: 1.25 in
- Pitch: 2.86 in
- Front suspension: AWS 42
- Front travel: 8.2 in
- Rear suspension: SLIDE-ACTION with 3 Wheel Rear Axle Assembly, Coupling Blocks, Torque-Sensing Link Rear Arm, Adjustable Torsion Springs, ATAC system
- Rear travel: 13.5 in
- Ski type / width: Trail - 6 in
- Ski stance: 41.5-42.5 in - Adjustable
- Brakes: Stealth Hydraulic Master Cylinder

Chassis and Dimensions

The chassis of the Arctic Cat ZR 858 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: 47 in
- Heat exchanger: Front Long Tunnel

Features and Standard Equipment

The Arctic Cat ZR 858 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 mid 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 Black/Green, the ZR 858 presents a distinctive and purposeful appearance.

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

- Lighting: LED
 - Windshield: Mid Height
 - Handlebars: Hooked
 - Seating style: Trail
 - Available colors: Black/Green
 - Starter: Push-Button Electric Start
-