



ZR 6000 R XC

CROSS COUNTRY

2016 ARCTIC CAT TECHNICAL SPECIFICATIONS

2016 RACE UPDATES

- New Team Rapid Response Drive Clutch for improved durability and increased performance
 - Revised driven clutch belt tensioner bolt for improved durability
 - Borg Warner Chain and Sprockets for reduced stretch, lower friction, and increased strength
 - Revised chain case mounting and fasteners
 - Brake Pads friction material has changed back to T-124 for increased pad life
 - New rail for additional mounting holes for front arm shock (ice racing)
 - New style retaining nuts in rear suspension for improved torque retention
 - Revised Rear shock valving for improved handling and increased rebound control
 - New Lightweight Torque Sensing link arm for improved durability
 - Fully Clipped Cobra Track for improved ice racing performance
 - New ECM map for improved durability and performance
 - New Piston for improved durability
 - New exhaust system with lightweight resonator, and improved mounting, reducing weight by 7 lbs and reducing exhaust capping
 - New exhaust temp sensor for improved durability
 - New upper intake material reducing weight and increased durability, including the addition of a secondary intake screen for added protection
 - New steering support for reduced weight and moved location of the tether
 - Revised PTO Engine plate assembly and mount orientation for improved durability and reduced engine movement
 - Improved oil line routing from oil tank to engine to work around new exhaust system
 - New lightweight/high strength handlebar for reduced weight
 - New handlebar grips for improved rider ergos, increased heater efficiency, and increased durability
 - New bottom brake disc protector for improved brake cooling
- ## ADDITIONAL FEATURES
- Arctic Cat Built 2-stroke C-TEC2 engine with Electronic Fuel and Oil Injection
 - Stationary Clutch Guard with Spare Belt mounting
 - Offset Ski spacers for Adjustable Ski Stance
 - 2.86" Pitch 8 tooth Track Drive shaft for Added Ground Clearance
 - High-Grip Seat Cover with Race Comfort Foam
 - Torque Overload Sensing (TOS) Bottom chain sprocket for eliminating spike loads into the drivetrain
 - Race Proven Brake Caliper and Pads for improved wear and increased stopping power

ENGINE

Type	2-stroke
Displacement	599cc
Cooling	Liquid
Cylinders	Twin
Bore x stroke	73.8 x 70 mm (2.906 x 2.755 in.)
Lubrication	Electronic Oil injection, C-TEC2 Oil
Carburetion	47 mm dual throttle body batteryless EFI
Exhaust	APV with tuned pipe, pipe sensor and stainless steel muffler
Cooling system capacity	5.9 l (6.2 U.S. qt.)
Starting system	Manual recoil
Gasoline	Require 91 Octane (min.)
Fuel capacity (Actual)	11.7 gal (44.3 L)
Fuel capacity (Rated)	10.56 gal (39.9 L)

POWERTRAIN

Drive clutch	TEAM Rapid Response Drive Clutch
Driven clutch	Team Driven (TSS-04)
Chaincase lubricant level	443.6 ml (15 fl. oz.)
Brakes	Race Radial Master Cylinder hydraulic brake/lightweight brake disc

SUSPENSION

Front suspension	ARSTM with FOX FLOAT® 3 EVOL RC shocks and sway bar
Front travel	10 in. (25.4 cm)
Rear suspension	Slide-action frame with 7-position coupling, FOX® 1.5 ZERO C F/T shock and 2.0 ZERO RC R/T shocks
Rear travel	13.5 in. (34.3 cm)

DIMENSIONS

Overall length	121 in. (307 cm)
Overall width	49.25–50.25 in. (125.1–127.6 cm)
Ski stance	43.5 in. (110.5 cm)
Ski material	Trail 5"
Track type	Cobra™ 2-ply
Track width	15 in. (38.1 cm)
Track length	129 in. (327.66 cm)
Lug	1.25 in. (3.2 cm)

COLORS

TEAM ARCTIC GREEN

STANDARD FEATURES

Push-button engine reverse, dual halogen headlight (2-bulb), front bumper, adjustable handlebar, deluxe digital gauge, electric gas gauge, low oil light, coolant overheat light, coolant temp, intake air temp, low fuel light, high/low hand & thumb warmers, accessory outlet, race-height windshield, air pump, tether switch, handlebar pad

