

THUNDERCAT







VEHICLE SPECS

ENGINE

	THUNDERCAT 146	THUNDERCAT
Engine Type	9000 Turbo, 4-Stroke	9000 Turbo, 4-Stroke
Displacement ?	998cc	998cc
Cooling ?	Liquid	Liquid
Cylinders ?	3-Turbocharged	3-Turbocharged
Bore x Stroke ?	80 x 66.2 mm	80 x 66.2 mm
Lubrication ?	Dry Sump	Dry Sump
Ignition	Digital Controlled Coil Induction	Digital Controlled Coil Induction
Engine Stator Output ?	545W @ 5000 RPM	545W @ 5000 RPM
Fuel Delivery ?	Electronic Fuel Injected (EFI)	Electronic Fuel Injected (EFI)
Exhaust	Turbocharger w/ Stainless Steel Muffler	Turbocharger w/ Stainless Steel Muffler
Fuel Capacity	9.9 gal	9.9 gal
Oil System Capacity	3.8 qt	3.8 qt
Coolant System Capacity	6.4 qt	6.2 qt
Minimum Octane ?	91	91

POWERTRAIN

	THUNDERCAT 146	THUNDERCAT
Drive Clutch 	ADAPT	ADAPT
Driven Clutch 	ADAPT	ADAPT
Drive System	Arctic Drive System	Arctic Drive System
Brakes	Stealth Hydraulic Master Cylinder	Stealth Hydraulic Master Cylinder
Clutch Calibration 	0-10,000 ft	0-10,000 ft
Gearing	22/48	24/50
Chain Pitch	90	92
Track Drive Sprocket 	9 Tooth, 2.86 Pitch, Exvolute	9 Tooth, 2.86 Pitch, Exvolute
Reverse	Push-Button Engine	Push-Button

SUSPENSION

	THUNDERCAT 146	THUNDERCAT
Front Suspension	ARS II w/ ATAC	ARS II w/ ATAC
Ski Shocks	FOX 1.5 iQS	FOX 1.5 iQS
Sway Bar 	Standard	Standard
Front Travel	9 in	9 in
Rear Suspension	CROSS-ACTION II w/ 3 Wheel Rear Axle Assembly, Torque-Sensing Link Rear Arm, Adjustable Torsion Springs & Elevated Rear Wheel	SLIDE-ACTION w/ 3 Wheel Rear Axle Assembly, Coupling Blocks, Torque-Sensing Link Rear Arm, Adjustable Torsion Springs and ATAC System
Front Track Shock	Arctic Cat IFP 1.5	Arctic Cat IFP 1.5
Rear Track Shock	FOX 2.0 iQS	FOX 2.0 iQS

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Rear Travel	13.5 in	13.5 in

DIMENSIONS

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Overall Chassis Length	132 in	125 in
Overall Chassis Width	48-49 in	48-49 in
Overall Chassis Height	48 in	48 in
Track Type	Cobra	Ripsaw II
Track Width	15 in	15 in
Track Length	146 in	137 in
Lug	1.35 in	1.25 in
Pitch ?	2.86 in	2.86 in
Ski Stance	42-43 in - Adjustable	42-43 in - Adjustable
Ski Type/Width	Trail - 6 in	Trail - 6 in
Runner Type	Long Dual Runner 4-Bolt With Carbide	Long Dual Runner 4-Bolt w/ Carbide

INSTRUMENTATION

	THUNDERCAT 146	THUNDERCAT
Type of Gauge	G8 (CAN w/o Group Ride)	G8 (CAN w/o Group Ride)
Speedometer	Digital	Digital
Tachometer ?	Digital	Digital
Odometer	Digital	Digital

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Fuel	Digital	Digital
Oil	Digital	Digital
Coolant	LCD Icon	LCD Icon
Clock	Digital	Digital
Battery Voltage	Digital	Digital
Altimeter	Digital	Digital
Hours	Digital	Digital

FEATURES

	THUNDERCAT 146	THUNDERCAT
Color	Black & Green/Black & Red	Black & Green/Black & Red
Heat Exchanger ?	Front/Long Tunnel	Front/Long Tunnel
Starter	Push-Button Electric Start	Push-Button Electric Start
Handlebars	Hooked	Hooked
Lighting	LED w/ Accent Light	LED w/ Accent Light
Seating	Trail 4S	Trail 4S
Standard Accessories	12V Outlet, Sport Front Bumper, Goggle Holder, Hand & Thumb Warmers, Heated Driver Seat, Ice Scratchers, Rear Storage, Standard Brake Disc, EPS Steering, Tether Switch, Mid Tunnel Bag, Tunnel Flare, Visor Plug-In	12V Outlet, Electronic Power Steering, Sport Front Bumper, Goggle Holder, Heated Seat, Hand & Thumb Warmers, Standard Brake Disc, Rear Storage, Tether Switch, Tunnel Flares, Visor Plug-In
Windshield	11 in Mid Height	11 in Mid-Height

Vehicle specifications are subject to change.