

# M



## VEHICLE SPECS

### ENGINE

	M 858 SNO PRO ALPHA ONE SG	M 400 ALPHA ONE	M 600 SNO PRO	M 600 SNO PRO ALPHA ONE	M 858 SNO PRO	M 858 SNO PRO ALPHA ONE
Engine Type	2-Stroke	2-Stroke	2-Stroke	2-Stroke	2-Stroke	2-Stroke
Displacement <span>?</span>	858cc	397cc	599cc	599cc	858cc	858cc
Cooling <span>?</span>	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Cylinders <span>?</span>	2	1	2	2	2	2
Bore x Stroke <span>?</span>	85 x 75.6 mm	85 x 70 mm	73.8 x 70 mm	73.8 x 70 mm	85 x 75.6 mm	85 x 75.6 mm
Lubrication <span>?</span>	Electronic Injection	Electronic Injection	Electronic Injection	Electronic Injection	Electronic Injection	Electronic Injection
Ignition	Digitally Controlled CDI	Digitally Controlled CDI	Digitally Controlled CDI	Digitally Controlled CDI	Digitally Controlled CDI	Digitally Controlled CDI
Engine Stator Output <span>?</span>	270W @ 3000 RPM	270W @ 3000 RPM	270W @ 3000 RPM	270W @ 3000 RPM	270W @ 3000 RPM	270W @ 3000 RPM
Fuel Delivery <span>?</span>	Next Generation C-Tec2	Electronic Fuel Injected (EFI)	Dual Stage Injection	Dual Stage Injection	Next Generation C-Tec2	Next Generation C-Tec2

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<b>Exhaust</b>	APV IV w/ Full Stainless Steel Exhaust & EGT Sensors	APV with tuned pipe, pipe sensor, manifold and stainless steel muffler	APV with tuned pipe, pipe sensor and stainless steel manifold and muffler	APV with tuned pipe, pipe sensor and stainless steel manifold and muffler	APV IV w/ Full Stainless Steel Exhaust & EGT Sensors	
<b>Fuel Capacity</b>	10.4 gal	10.4 gal	10.4 gal	10.4 gal	10.4 gal	
<b>Oil System Capacity</b>	3.0 qt	3.25 qt	3.0 qt	3.0 qt	3.0 qt	
<b>Coolant System Capacity</b>	4.2 qt	5.0 qt	4.2 qt	4.2 qt	4.2 qt	
<b>Minimum Octane <span>?</span></b>	91	91	91	91	91	

**POWERTRAIN**

	<b>M 858 SNO PRO ALPHA ONE SG</b>	<b>M 400 ALPHA ONE</b>	<b>M 600 SNO PRO</b>	<b>M 600 SNO PRO ALPHA ONE</b>	<b>M 858 SNO PRO</b>	<b>M 858 SNO PRO</b>
<b>Drive Clutch <span>?</span></b>	ADAPT	CVTech Trailbloc	ADAPT	ADAPT	ADAPT	
<b>Driven Clutch <span>?</span></b>	ADAPT	CVTech Invance	ADAPT	ADAPT	ADAPT	
<b>Drive System</b>	AC M Belt Drive	Arctic Drive System	AC M Belt Drive	AC M Belt Drive	AC M Belt Drive	
<b>Brakes</b>	Stealth 88 Hydraulic Master Cylinder	Stealth Hydraulic Master Cylinder	Stealth 88 Hydraulic Master Cylinder	Stealth 88 Hydraulic Master Cylinder	Stealth 88 Hydraulic Master Cylinder	
<b>Clutch Calibration <span>?</span></b>	6,000-8,000 ft	0-5,000 ft	6,000-8,000 ft	6,000-8,000 ft	6,000-8,000 ft	
<b>Gearing</b>	24/63 (2.6 in)	19/50	24/63 or 22/64	24/63 or 22/64	24/63 (2.6 in)	
<b>Chain Pitch</b>	Belt	90	Belt	Belt	Belt	

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<b>Track Drive Sprocket</b> <span style="color: green;">?</span>	9 tooth, 2.86 pitch, exvolute	7 Tooth, 2.86 Pitch, Involute	9 tooth, 2.86 pitch, exvolute	9 tooth, 2.86 pitch, exvolute	9 tooth, 2.86 pitch, exvolute	
<b>Reverse</b>	Push-Button Engine	Push-button Engine	Push-Button Engine	Push-button Engine	Push-Button Engine	

### SUSPENSION

	<b>M 858 SNO PRO ALPHA ONE SG</b>	<b>M 400 ALPHA ONE</b>	<b>M 600 SNO PRO</b>	<b>M 600 SNO PRO ALPHA ONE</b>	<b>M 858 SNO PRO</b>	<b>M 858 SNO PRO</b>
<b>Front Suspension</b>	AWS 36	Arctic Mountain Suspension (AMS)	AWS 36	AWS 36	AWS 36	
<b>Ski Shocks</b>	AC5S	Hydraulic Twin Tube	AC5S	AC5S	AC5S	
<b>Sway Bar</b> <span style="color: green;">?</span>	NA	NA	NA	NA	NA	
<b>Front Travel</b>	7.6 in.	8.3 in	7.6 in	7.6 in	7.6 in	
<b>Rear Suspension</b>	ALPHA-ONE Rear Suspension	ALPHA-ONE Rear Suspension	Mountain Twin-Rail	ALPHA-ONE Rear Suspension	Mountain Twin-Rail	
<b>Front Track Shock</b>	AC5S	Hydraulic Twin Tube	AC5S	AC5S	AC5S	
<b>Rear Track Shock</b>	AC5S	Hydraulic Twin Tube	AC5S	AC5S	AC5S	
<b>Rear Travel</b>	13.5 or 14.5 or 15.5	14.75 in	13.5 in or 14.5 in	13.5 in or 14.5 in	13.5 in. Or 14.5 in.	

## DIMENSIONS

	<b>M 858 SNO PRO ALPHA ONE SG</b>	<b>M 400 ALPHA ONE</b>	<b>M 600 SNO PRO</b>	<b>M 600 SNO PRO ALPHA ONE</b>	<b>M 858 SNO PRO</b>	<b>M 858 SNO PRO ALPHA ONE</b>
Overall Chassis Length	126.5 in. Or 131 in.	128 in	122 in or 126.5 in	122 in or 126.5 in	126.5 in.	
Overall Chassis Width	42-44 in.	42.5-44.5 in	42-44 in	42-44 in	42-44 in	
Overall Chassis Height	50 in.	48 in	50 in	50 in	50 in	
Track Type	PowerClaw	Challenger	PowerClaw	PowerClaw	PowerClaw	
Track Width	15 in.	15 in	15 in	15 in	15 in	
Track Length	154 in or 165 in	146 in	146 in or 154 in	146 in or 154 in	146 in or 154 in	
Lug	2.6 in. or 3.0 in	2.00 in	2.60 in	2.60 in	2.60 in.	
Pitch <span>?</span>	2.86 in. Or 3.50 in.	2.86 in	2.86 in	2.86 in	2.86 in.	
Ski Stance	35-37 in. Adjustable	35.5-37.5 in - Adjustable	35-37 in - Adjustable	35-37 in - Adjustable	35-37 in - Adjustable	
Ski Type/Width	G2 ProClimb -7	G2 ProClimb - 7 in	G2 ProClimb - 7 in	G2 ProClimb -7	G2 ProClimb - 7 in	
Runner Type	Single runner w/carbide	Single Runner	Single Runner w/ carbide	Single runner w/ carbide	Single Runner w/ carbide	

## INSTRUMENTATION

	<b>M 858 SNO PRO ALPHA ONE SG</b>	<b>M 400 ALPHA ONE</b>	<b>M 600 SNO PRO</b>	<b>M 600 SNO PRO ALPHA ONE</b>	<b>M 858 SNO PRO</b>	<b>M 858 SNO PRO ALPHA ONE</b>
<b>Type of Gauge</b>	G8, G8 w/o GRR	Standard	Sport	Sport	Sport Or G8 Or G8 w/o GRR (CAN)	
<b>Speedometer</b>	Digital	Digital	Digital	Digital	Digital	
<b>Tachometer</b> <span style="color: green;">?</span>	Digital	Digital	Digital	Digital	Digital	
<b>Odometer</b>	Digital	Digital	Digital	Digital	Digital	
<b>Fuel</b>	Digital	Digital	Digital	Digital	Digital	
<b>Oil</b>	LCD Icon (Sport) Or Digital (G8)	Indicator Light	LCD Icon	LCD Icon	LCD Icon	
<b>Coolant</b>	Digital Bar Graph (Sport) Or LCD Icon (G8)	Indicator Light	Digital Bar Graph	Digital Bar Graph	Digital Bar Graph (Sport) Or LCD Icon (G8)	
<b>Clock</b>	NA (Sport) Or Digital (G8)	NA	NA	NA	NA (Sport) Or Digital (G8)	
<b>Battery Voltage</b>	NA (Sport) Or Digital (G8)	NA	NA	NA	NA (Sport) Or Digital (G8)	
<b>Altimeter</b>	NA (Sport) Or Digital (G8)	NA	NA	NA	NA (Sport) Or Digital (G8)	
<b>Hours</b>	Digital	Digital	Digital	Digital	Digital	

**FEATURES**

	<b>M 858 SNO PRO ALPHA ONE SG</b>	<b>M 400 ALPHA ONE</b>	<b>M 600 SNO PRO</b>	<b>M 600 SNO PRO ALPHA ONE</b>	<b>M 858 SNO PRO</b>	<b>M 858 SNO PRO ALPHA ONE</b>
<b>Color</b>	White	Black	Black	Black	Black	Black
<b>Heat Exchanger</b> <span style="color: green;">?</span>	Front/Long tunnel	Front/Long tunnel	Front/Long tunnel	Front/Short tunnel	Front/Long tunnel	Front/Long tunnel
<b>Starter</b>	Manual Or Push-Button Electric Start	Turnkey Electric Start	Push-Button Electric Start	Push-Button Electric Start	Manual Or Push-Button Electric Start	Manual Or Push-Button Electric Start
<b>Handlebars</b>	Hooked w/ Grab Handle	Hooked w/grab handle	Hooked w/ Grab Handle	Hooked w/grab handle	Hooked w/ Grab Handle	Hooked w/ Grab Handle
<b>Lighting</b>	LED	Halogen 1-Bulb	LED	LED	LED	LED
<b>Seating</b>	Mountain	Lightweight Mountain	Mountain	Mountain	Mountain	Mountain
<b>Standard Accessories</b>	12V Outlet, Sport Front Bumper, Integrated Goggle Holder, ATACH Mounting, Hand & Thumb Warmers, Ice Scratchers, Lightweight Mountain Brake Disc, Vertical Steering, Tether Switch, Visor Plug-In	Hand & Thumb Warmers, Standard Brake Disc, Standard Steering, Tether Switch	12V Outlet, Sport Front Bumper, Integrated Goggle Holder, ATACH Mounting, Hand & Thumb Warmers, Ice Scratchers, Lightweight Mountain Brake Disc, Vertical Steering, Tether Switch, Visor Plug-In	12V Outlet, Sport Front Bumper, Integrated Goggle Holder, ATACH Mounting, Hand & Thumb Warmers, Ice Scratchers, Lightweight Mountain Brake Disc, Vertical Steering, Tether Switch, Visor Plug-In	12V Outlet, Sport Front Bumper, Integrated Goggle Holder, ATACH Mounting, Hand & Thumb Warmers, Ice Scratchers, Lightweight Mountain Brake Disc, Vertical Steering, Tether Switch, Visor Plug-In	12V Outlet, Sport Front Bumper, Integrated Goggle Holder, ATACH Mounting, Hand & Thumb Warmers, Ice Scratchers, Lightweight Mountain Brake Disc, Vertical Steering, Tether Switch, Visor Plug-In
<b>Windshield</b>	NA	4" Low	NA	NA	NA	NA

Vehicle specifications are subject to change.