

M



VEHICLE SPECS

ENGINE

	M 400 ALPHA ONE	M 600 SNO PRO	M 600 SNO PRO ALPHA ONE	M 858 SNO PRO	M 858 SNO PRO ALPHA ONE SG	M 858 SNO PRO ALPHA ONE SG
Engine Type	2-Stroke	2-Stroke	2-Stroke	2-Stroke	2-stroke	
Displacement ?	397cc	599cc	599cc	858cc	858cc	
Cooling ?	Liquid	Liquid	Liquid	Liquid	Liquid	
Cylinders ?	1	2	2	2	2	
Bore x Stroke ?	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 ?	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	
Engine Stator Output ?	270W @ 3000 RPM	270W @ 3000 RPM	270W @ 3000 RPM	270W @ 3000 RPM	270W @ 3000 RPM	
Fuel Delivery ?	Electronic Fuel Injected (EFI)	Dual Stage Injection	Dual Stage Injection	Next Generation C-Tec2	Next Generation C-Tec2	

	M 400 ALPHA ONE	M 600 SNO PRO	M 600 SNO PRO ALPHA ONE	M 858 SNO PRO	M 858 SNO PRO ALPHA ONE SG	M 858 SNO PRO ALPHA ONE SG
Exhaust	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	APV IV with full stainless steel exhaust & EGT sensors	
Fuel Capacity	10.4 gal	10.4 gal	10.4 gal	10.4 gal	10.4 gal	
Oil System Capacity	3.25 qt	3.0 qt	3.0 qt	3.0 qt	3.0 qt	
Coolant System Capacity	5.0 qt	5.4 qt	4.2 qt	5.4 qt	4.2 qt	
Minimum Octane (?)	91	91	91	91	91	

POWERTRAIN

	M 400 ALPHA ONE	M 600 SNO PRO	M 600 SNO PRO ALPHA ONE	M 858 SNO PRO	M 858 SNO PRO ALPHA ONE SG	M 858 SNO PRO ALPHA ONE SG
Drive Clutch (?)	CVTech Trailbloc	ADAPT	ADAPT	ADAPT	ADAPT	
Driven Clutch (?)	CVTech Invance	ADAPT	ADAPT	ADAPT	ADAPT	
Drive System	Arctic Drive System	AC M Belt Drive	AC M Belt Drive	AC M Belt Drive	AC M Belt Drive	
Brakes	Stealth Hydraulic Master Cylinder	Stealth 88 Hydraulic Master Cylinder	Stealth 88 Hydraulic Master Cylinder	Stealth 88 Hydraulic Master Cylinder	Stealth 88 Hydraulic Master Cylinder	
Clutch Calibration (?)	0-5,000 ft	6,000-8,000 ft	6,000-8,000 ft	6,000-8,000 ft	6,000-8,000 ft	
Gearing	19/50	24/63 or 22/64	24/63 or 22/64	24/63 (2.6 in)	24/63 (2.6 in) 22/64 (3.0 in)	

	M 400 ALPHA ONE	M 600 SNO PRO	M 600 SNO PRO ALPHA ONE	M 858 SNO PRO	M 858 SNO PRO ALPHA ONE SG	M S F AL C
Chain Pitch	90	Belt	Belt	Belt	Belt	
Track Drive Sprocket ?	7 Tooth, 2.86 Pitch, Involute	9 tooth, 2.86 pitch, exvolute	9 tooth, 2.86 pitch, exvolute	9 tooth, 2.86 pitch, exvolute	7 tooth, 3.5 pitch, exvolute Or 9 tooth, 2.86 pitch, exvolute	
Reverse	Push-button Engine	Push-Button Engine	Push-button Engine	Push-Button Engine	Push-Button Engine	

SUSPENSION


	M 400 ALPHA ONE	M 600 SNO PRO	M 600 SNO PRO ALPHA ONE	M 858 SNO PRO	M 858 SNO PRO ALPHA ONE SG	M S F AL C
Front Suspension	Arctic Mountain Suspension (AMS)	AWS 36	AWS 36	AWS 36	AWS 36	
Ski Shocks	Hydraulic Twin Tube	AC5S	AC5S	AC5S	AC5S	
Sway Bar ?	NA	NA	NA	NA	NA	
Front Travel	8.3 in	7.6 in	7.6 in	7.6 in	7.6 in.	
Rear Suspension	ALPHA-ONE Rear Suspension	Mountain Twin-Rail	ALPHA-ONE Rear Suspension	Mountain Twin-Rail	ALPHA-ONE Rear Suspension	
Front Track Shock	Hydraulic Twin Tube	AC5S	AC5S	AC5S	AC5S	
Rear Track Shock	Hydraulic Twin Tube	AC5S	AC5S	AC5S	AC5S	

	M 400 ALPHA ONE	M 600 SNO PRO	M 600 SNO PRO ALPHA ONE	M 858 SNO PRO	M 858 SNO PRO ALPHA ONE SG	M 858 SNO PRO ALPHA ONE SG
Rear Travel	14.75 in	13.5 in or 14.5 in	13.5 in or 14.5 in	13.5 in. Or 14.5 in.	13.5 or 14.5 or 15.5	

DIMENSIONS

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

INSTRUMENTATION

	M 400 ALPHA ONE	M 600 SNO PRO	M 600 SNO PRO ALPHA ONE	M 858 SNO PRO	M 858 SNO PRO ALPHA ONE SG	M 858 SNO PRO ALPHA ONE SG
Type of Gauge	Standard	Sport	Sport	Sport Or G8 Or G8 w/o GRR (CAN)	G8, G8 w/o GRR	
Speedometer	Digital	Digital	Digital	Digital	Digital	
Tachometer 	Digital	Digital	Digital	Digital	Digital	
Odometer	Digital	Digital	Digital	Digital	Digital	
Fuel	Digital	Digital	Digital	Digital	Digital	
Oil	Indicator Light	LCD Icon	LCD Icon	LCD Icon	LCD Icon (Sport) Or Digital (G8)	
Coolant	Indicator Light	Digital Bar Graph	Digital Bar Graph	Digital Bar Graph (Sport) Or LCD Icon (G8)	Digital Bar Graph (Sport) Or LCD Icon (G8)	
Clock	NA	NA	NA	NA (Sport) Or Digital (G8)	NA (Sport) Or Digital (G8)	
Battery Voltage	NA	NA	NA	NA (Sport) Or Digital (G8)	NA (Sport) Or Digital (G8)	
Altimeter	NA	NA	NA	NA (Sport) Or Digital (G8)	NA (Sport) Or Digital (G8)	
Hours	Digital	Digital	Digital	Digital	Digital	

FEATURES

	M 400 ALPHA ONE	M 600 SNO PRO	M 600 SNO PRO ALPHA ONE	M 858 SNO PRO	M 858 SNO PRO ALPHA ONE SG	M 858 SNO PRO ALPHA ONE SG
Color	Black	Black	Black	Black	White	
Heat Exchanger ?	Front/Long tunnel	Front/Long tunnel	Front/Short tunnel	Front/Long tunnel	Front/Short tunnel	
Starter	Turnkey Electric Start	Push-Button Electric Start	Push-Button Electric Start	Manual Or Push-Button Electric Start	Manual Or Push-Button Electric Start	
Handlebars	Hooked w/grab handle	Hooked w/ Grab Handle	Hooked w/grab handle	Hooked w/ Grab Handle	Hooked w/grab handle	
Lighting	Halogen 1-Bulb	LED	LED	LED	LED	
Seating	Lightweight Mountain	Mountain	Mountain	Mountain	Mountain	
Standard Accessories	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	
Windshield	4" Low	NA	NA	NA	NA	

Vehicle specifications are subject to change.