

Owner's Manual Supplement

800 RMK 151

PN 9916950



IMPORTANT This is a supplement to your owner's manual. This information should remain with your owner's manual at all times.

Capacities and Dimensions	
Body Style	Edge
Rider Capacity	1
Coolant Capacity (qts)	4.3
Chaincase Oil Capacity (oz.)	11
DryWeight (Est.)	499
Fuel Tank capacity (Gallons)	11.8
Gearcase Oil Capacity (oz.)	N/A
Height (in.)	48
Length (in.)	129
Oil Capacity (Quarts)	3.25
Ski Center Distance (in.)	39.5/41
Width (in.)	47
Brake Type	Hydraulic
Drive Clutch Center Distance	11.5"
Clutch Type	P-85
Track Length	151
Track Width	15
Drive Chain Length	74
Reverse Transmission	N/A
Sprocket Ratio	21 : 41

Features	
Electric Fuel Gauge	Accessory
Electric Start	Accessory
Low Oil Light	Standard
Parking Brake	Standard
Speedometer	Std 5 Inch, White Face
Tachometer	Std 5 Inch, White Face
Wear Strips	N/A
Easy Throttle	N/A

Suspension	
Front Type	Edge RMK
IFS Shock Type	Nitrex Alum IFP
Rear Type	Edge RMK
Front Track Shock	Nitrex Arvin IFP
Rear Track Shock	Sel Arvin IFP C/A

Engine and Cooling	
Engine Model Number	S2188-8070PL8C
Alternator Output	280 w
Bore x Stroke (mm)	85 x 70
Displacement	794
Carburetor/Throttle Body	1 rack Mikuni
Carburetor Model	TM40
Main Jet	390
Pilot Jet	45
Jet Needle / Clip Position	9DGJ3-57 / 2
Needle Jet	P8
Cutaway	2.0
Fuel Screw	2.0
Air Screw	1.0
Idle RPM +/-200	1500
Cooling	Liquid
Cylinders	2
Ignition Timing °BTDC @ RPM	29° @4000 +/-500 w/tps disconnected
Ignition Type	Digital
Oil Injection	yes
Spark Plug	Champion RN57YCC
Spark Plug Gap (mm / in.)	.70/.025
Fuel Requirement	87 Min non-oxygenated

Carburetor Jetting

Altitude	Ambient Temperature	Below -30°F Below -34°C	-30° to -10°F -34° to -23°C	-10° to +10°F -23° to -12°C	+10° to +30°F -12° to -1°C	+30° to +50°F -1 to +10°C	Above +50°F Above +10°C
Meters (Feet)	0-600 (0-2000)	560N #5	540N #4	520N #4	500 #4	480 #3	460 #3
	600-1200 (2000-4000)	520N #4	500 #4	480 #4	460 #3	440 #3	420 #2
	1200-1800 (4000-6000)	490 #4	470 #4	450 #3	430 #3	410 #2	390 #2
	1800-2400 (6000-8000)	450 #4	430 #3	410 #3	390 #2	370 #2	350 #2
	2400-3000 (8000-10000)	410 #3	390 #3	370 #2	350 #2	330 #2	310 #2
	3000-3700 (10000-12000)	360 #3	340 #2	330 #2	320 #2	300 #2	290 #1

Clutching Chart

Altitude	Drive Clutch		Driven Clutch		Chaincase Gearing/Pitch	
	Shift Weight	Clutch Spring	Clutch Spring	Driven Helix		
Meters (Feet)	0-600 (0-2000)	10-64	Black/ Green	Silver/ Blue	R-11 #2	21:41 74 Pitch
	600-1200 (2000-4000)	10-64	Black/ Green	Silver/ Blue	R-11 #3	21:41 74 Pitch
	1200-1800 (4000-6000)	10-62	Black/ Green	Silver/ Blue	R-11 #3	21:41 74 Pitch
	1800-2400 (6000-8000)	10-60	Black/ Green	Silver/ Blue	R-11 #3	21:41 74 Pitch
	2400-3000 (8000-10000)	10-58	Black/ Green	Silver/ Blue	R-11 #3	21:41 74 Pitch
	3000-3600 (10000-12000)	10-56	Black/ Green	Silver/ Blue	R-11 #3	21:41 74 Pitch