

**OWNER'S MANUAL SUPPLEMENT  
600 RMK and 700 RMK  
PN 9914864**



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

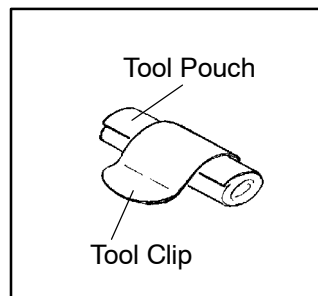
**Specifications**

		<b>700 RMK 700 RMK Opt A</b>	<b>600 RMK 600 RMK Opt A</b>
<b>C A P A C I T I E S  A N D  D I M E N S I O N S</b>	Body Style	Gen II	Gen II
	Rider Capacity	1	1
	Coolant Capacity (qts)	7	7
	Chaincase Oil Capacity (oz.)	9	9
	Dry Weight ± 4 lbs.	496	496
	Fuel Tank Capacity U.S / Imp. Gal.	11.8 / 9.7	11.8 / 9.7
	Gearcase Oil Capacity (oz.)	Not Applicable	Not Applicable
	Height (in.)	46	46
	Length (in.)	116	116
	Oil Capacity (Quarts)	3	3
	Ski Center Distance (in.)	38	38
	Width (in.)	43.5	43.5
	Brake Type	Liq Cooled Hyd Disc	Liq Cooled Hyd Disc HD Pads
	Drive Clutch Center Distance	12.5	12.5
	Clutch Type	P-85	P-85
	Track Length	136	136
	Track Width	15	15
	Drive Chain Length	70P (3/4)	68P (3/4)
	Reverse Transmission	Accessory	Accessory
Sprocket Ratio	22:41	19:40	
<b>L I G H T S</b>	Headlight Type	Halogen	Halogen
	Headlight (watts) Voltage	H=2x37.5 L = 60	H=2x37.5 L = 60
	Indicator Lights	Oil-Brake/Temp/Acc/Hi Beam	Oil-Brake/Temp/Acc/Hi Beam
	Thumbwarmer	Std-Hi/Lo	Std-Hi/Lo
	Handwarmer	Std Multi-range	Std Multi-range

		<b>700 RMK 700 RMK Opt A</b>	<b>600 RMK 600 RMK Opt A</b>
<b>E N G I N E  A N D  C O O L I N G</b>	Engine Model #	S70-70-99A3	S60-70-99A1
	Alternater Output	12V 280W	12V 280W
	Bore x Stroke (mm)	81 x 68	74.5 x 68
	Displacement	700	593
	Carburetor/Throttle Body	2 Keihin ACCS	2 Keihin ACCS
	Carburetor Model	39 MM D- Slide	39 MM D- Slide
	Main Jet	190	185
	Pilot Jet	48	50
	Jet Needle	R1368G-2	R1367G-2
	Needle jet	Fixed 2.9 x 4.6 x 1.5	Fixed 2.9 x 4.6 x 1.5
	Cutaway	6.0 Notched	6.0 Notched
	Air Screw	1 Turn	1 Turn
	Idle RPM ± 200	1500	1500
	Cooling	Liquid	Liquid
	Cylinders	2	2
	Ignition Timing	12° @ 3000	6° @ 1800
	Ignition Type	Digital CDI	Digital CDI
Oil Injection	Yes	Yes	
Spark Plug	RN2C Champ	RN2C Champ	
<b>S U S P E N S I O N</b>	Front Type	38 RMK CRC	38 RMK CRC
	IFS Shocks/Spring Adj.	Nitrogen Cell Threaded Adjust	Nitrogen Cell Threaded Adjust
	Rear Type	XTRA 10 136	XTRA 10 136
	Front Torque Arm Limiter	Quick Adjust	Quick Adjust
	Rear torque Arm Limiter	Quick Adjust	Quick Adjust
	Front Track Shock	Nitrex	Nitrex
	Rear Track Shock	Indy Select	Indy Select

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<b>F E A T U R E S</b>	Electronic Fuel Gauge	Accessory	Accessory
	Electric Start	Accessory	Accessory
	Low Oil Indicator	Standard	Standard
	Parking Brake	Standard	Standard
	Speedometer	Standard	Standard
	Tachometer	Standard	Standard
	Easy Throttle	Accessory	Accessory
	Wear Strips	Not Available	Not Available

Your Polaris snowmobile is equipped with a tool pouch clip which is located inside of the flap on the back of the seat. Using this clip will secure the tools, preventing them from freely bouncing around during snowmobile use.



# Carburetor Jetting

## 1999 700 RMK

### Engine Model: SN70-70-99A3

	AMBIENT TEMPERATURE	Below -20°F Below -29°C	-20°F to +10° -29°C to -12°C	+10°F - +40°F -12°C - +5°C	Above +40°F Above +5°C
Altitude Meters (Feet)	0-900 (0-3000)	200 <small>Air Screw 2 Turns</small>	195 <small>Air Screw 2 Turns</small>	190 <small>Air Screw 2 Turns</small>	185 <small>Air Screw 2 Turns</small>
	900-1800 (3000-6000)	200 <small>Air Screw 1.5 Turns</small>	195 <small>Air Screw 1.5 Turns</small>	190 <small>Air Screw 1.5 Turns</small>	185 <small>Air Screw 1.5 Turns</small>
	1800-2700 (6000-9000)	200 <small>Air Screw 1 Turns</small>	195 <small>Air Screw 1 Turns</small>	190 <small>Air Screw 1 Turns</small>	185 <small>Air Screw 1 Turns</small>
	2700-3700 (9000-12000)	200 <small>Air Screw 1/2 Turns</small>	195 <small>Air Screw 1/2 Turns</small>	190 <small>Air Screw 1/2 Turns</small>	185 <small>Air Screw 1/2 Turns</small>

- Production Setting

## 1999 600 RMK

### Engine Model: S60-70-99A1

	AMBIENT TEMPERATURE	Below -20°F Below -29°C	-20°F to +10° -29°C to -12°C	+10°F - +40°F -12°C - +5°C	Above +40°F Above +5°C
Altitude Meters (Feet)	0-900 (0-3000)	195 <small>Air Screw 2 Turns</small>	190 <small>Air Screw 2 Turns</small>	185 <small>Air Screw 2 Turns</small>	180 <small>Air Screw 2 Turns</small>
	900-1800 (3000-6000)	195 <small>Air Screw 1.5 Turns</small>	190 <small>Air Screw 1.5 Turns</small>	185 <small>Air Screw 1.5 Turns</small>	180 <small>Air Screw 1.5 Turns</small>
	1800-2700 (6000-9000)	195 <small>Air Screw 1 Turn</small>	190 <small>Air Screw 1 Turn</small>	185 <small>Air Screw 1 Turn</small>	180 <small>Air Screw 1 Turn</small>
	2700-3700 (9000-12000)	195 <small>Air Screw .5 Turns</small>	190 <small>Air Screw .5 Turns</small>	185 <small>Air Screw .5 Turns</small>	180 <small>Air Screw .5 Turns</small>

- Production Setting

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STATOR RESISTANCES	
BRN TO Y	0.12-0.15 OHMS
BRN TO BASE	0 OHMS
W TO GRN	5.3-6.0 OHMS
W TO BLU	0 OHMS
R TO BLU	150-190 OHMS
R TO BASE	OPEN
BLK	OPEN

COIL RESISTANCES	
CAP	5000 OHMS
WIRE - WIRE	1000-1300 OHMS
CAP - CAP	11K-12K OHMS

**COLOR CODE**  
 BLK = BLACK  
 BRN = BROWN  
 BLU = BLUE  
 GRN = GREEN  
 PUR = PURPLE  
 OR = ORANGE  
 Y = YELLOW  
 W = WHITE  
 R = RED

**TWO COLOR WIRES ARE SHOWN WITH MAIN/TRACE COLORS.**  
**EXAMPLE:**  
 BLU/R = BLUE WITH RED TRACER

