

**OWNER'S MANUAL SUPPLEMENT
INDY 500, 500 RMK, 500 CLASSIC
CLASSIC TOURING, TRAIL, TRAIL TOURING**



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

Specifications

		500 Indy	500 RMK	500 Classic	Classic Touring	Trail	Trail Touring
C A P A C I T I E S A N D D I M E N S I O N S	Body Style	Evolved	Evolved	Evolved	Evolved	Evolved	Evolved
	Rider Capacity	1	1	1	2	1	2
	Coolant Capacity (qts.)	3	3	3	3	N/A	N/A
	Chaincase Oil Capacity (oz.)	9	9	11	11	9	11
	Dry Weight (Est.)	470	481	522	576	457	518
	Fuel Tank Capacity (Gallons)	10.7	10.7	10.7	10.7	10.7	10.7
	Gearcase Oil Capacity (oz.)	N/A	N/A	N/A	N/A	N/A	N/A
	Height (in.)	48	48	49	51.5	47.5	48
	Length (in.)	108	114	108	115	108	115
	Oil Capacity (Quarts)	2	2	2	2	2	2
	Ski Center Distance (in.)	42.5	38	42.5	42.5	42.5	42.5
	Width (in.)	48	43.5	48	48	48	48
	Brake Type	Hydraulic Disc	Liquid Cooled Hydraulic Disc.	Hydraulic Disc	Hydraulic Disc	Hydraulic Disc	Hydraulic Disc
	Drive Clutch Center Distance	12	12	12	12	12	12
	Clutch Type	P-85	P-85	P-85	P-85	P-85	P-85
	Track Length	121	133.5	121	133.5	121	133.5
	Track Width	15	15	15	15	15	15
	Drive Chain Length	68 P (3/4)	66 P (3/4)	68 P (3/4)	66 P (3/4)	68 P (3/4)	66 P (3/4)
	Reverse Transmission	Accessory	Accessory	Standard	Standard	Accessory	Standard
	Sprocket Ratio	22:41	17:41	22:41	19:40	22:41	20:40

		500 Indy	500 RMK	500 Classic	Classic Touring	Trail	Trail Touring
E N G I N E & C O O L I N G	Engine Model #	EC50PL172	EC50PL162	EC50PL172	EC50PL192	EC50PM044	EC50PM044
	Alternater Output	12V 200W	12V 200W	12V 200W	12V 200W	12V 200W	12V 200W
	Bore x Stroke (mm)	72 x 60	72 x 60	72 x 60	72 x 60	72 x 60	72 x 60
	Displacement	488	488	488	488	488	488
	Carburetor/Throttle Body	2 Mikuni	2 Mikuni/ ACCS	2 Mikuni	2 Mikuni	2 Mikuni	2 Mikuni
	Carburetor Model	VM38SS Slide	VM34SS Slide	VM38SS Slide	VM34SS Slide	VM34SS Slide	VM34SS Slide
	Main Jet	350	260	350	250	230	230
	Pilot Jet	45	55	45	40	40	40
	Jet Needle	6F9-3	6FJ43-3	6F9-3	6EJ26-3	6DH7-3	6DH7-3
	Needle Jet	P6	P-O (480)	P6	P-2 (480)	P-8 (166)	P-8 (166)
	cutaway	2.5	2.5	2.5	3.0	3.0	3.0
	Air Screw	.75	1.25	.75	.75	1.0	1.0
	Idle RPM ± 200	1600	1600	1600	1600	1600	1600
	Cooling	Liquid	Liquid	Liquid	Liquid	Fan Air	Fan Air
	Cylinders	2	2	2	2	2	2
	Ignition Timing	28° @ 3000	28° @ 3000	28° @ 3000	28° @ 3000	26° @ 3000	26° @ 3000
	Ignition Type	CDI	CDI	CDI	CDI	CDI	CDI
	Oil Injection	Yes	Yes	Yes	Yes	Yes	Yes
Spark Plug	RN3C Champ	RN3C Champ	RN3C Champ	RN3C Champ	NGK BR8ES	NGK BR8ES	
S U S P E N S I O N	Front Type	XTRA 12	38 RMK	XTRA 12	XTRA 12 IFS	XTRA 10 IFS	XTRA 10 IFS
	IFS Shocks/Spring Adj.	Gas Cell / Threaded Adjust	Gas Cell / Threaded Adjust	Gas Cell / Threaded Adjust	Select / Threaded Adjust	Gas Cell / Threaded Adjust	Gas Cell / Threaded Adjust
	Rear Type	XTRA 10	XTRA 10	XTRA 12	XTRA 12	XTRA 10	XTRA 10
	Front Torque Arm Lim-iter	Quick Adjust	Quick Adjust	Adjustable	Adjustable	Quick Adjust	Adjustable
	Rear Torque Arm Limiter	Quick Adjust	Quick Adjust	Not Applicable	Not Applicable	Quick Adjust	Quick Adjust
	Front Track Shock	Gas Cell	Gas Cell	Select / Threaded Adjust	Select / Threaded Adjust	Gas Cell	Gas Cell
	Rear Track Shock	Indy Select	Indy Select	Gas Cell	Indy Select	Indy Select	Indy Select
L I G H T S	Headlight Type	Halogen	Halogen	Halogen	Halogen	Halogen	Halogen
	Headlight (watts) Voltage	H = 37.5 x 2 L = 60	H = 37.5 x 2 L = 60	H = 37.5 x 2 L = 60	H = 37.5 x 2 L = 60	H = 37.5 x 2 L = 60	H = 37.5 x 2 L = 60
	Indicator Lights	Brake / Oil / Temp / Hi Beam	Oil / Brake / Temp / Hi Beam	Brake / Oil / Temp / Batt / Hi Beam	Oil / Brake /Temp/Hi Beam	Brake / Oil / Hi Beam	Brake / Oil / Hi Beam
	Thumbwarmer	Standard	Standard	Standard	Standard	Standard	Standard
	Handwarmer	Hi / Lo	Hi / Lo	Hi / Lo	Hi / Lo	Hi / Lo	Hi / Lo

		500 Indy	500 RMK	500 Classic	Classic Touring	Trail	Trail Touring
F E A T U R E S	Electronic Fuel Gauge	Accessory	Accessory	Standard	Standard	Accessory	Accessory
	Electric Start	Accessory	Accessory	Standard	Standard	Accessory	Standard
	Low Oil Indicator	Standard	Standard	Standard	Standard	Standard	Standard
	Parking Brake	Standard	Standard	Standard	Standard	Standard	Standard
	Speedometer	Standard	Standard	Standard	Standard	Standard	Standard
	Tachometer	Standard	Standard	Standard	Standard	Standard	Accessory
	Easy Throttle	Accessory	Accessory	Accessory	Standard	Standard	Standard
	Wear Strips	Accessory	Not Available	Accessory	Accessory	Accessory	Accessory

Carburetor Jetting

1999 500 Carb, 500 Classic Engine Model: EC50PL172

		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)	370	350	330	310	
	900-1800 (3000-6000)	330	310	290	270	
	1800-2700 (6000-9000)	290	270	250	230	
	2700-3700 (9000-12000)	250	240	220	210	

- Shaded zone should drop Jet Needle one position (raise E-Clip)

- Production Setting

1999 500 RMK Engine Model: EC50PL162

		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)	290 #4	270 #4	260 #4	240 #4	
	900-1800 (3000-6000)	290 #4	270 #4	260 #3	240 #3	
	1800-2700 (6000-9000)	290 #3	270 #3	260 #3	240 #3	
	2700-3700 (9000-12000)	290 #3	270 #3	260 #3	240 #3	

- Production Setting

1999 Trail, Trail Touring
Engine Model: EC50PM044


	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)	240	230	220	210
	900-1800 (3000-6000)	220	210	200	190
	1800-2700 (6000-9000)	200	195	185	180
	2700-3700 (9000-12000)	190	180	180	180

 - Shaded zone should drop Jet Needle one position (raise E-Clip)

 - Production Setting

1999 Classic Touring
Engine Model: EC50PL192

	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)	260	250	240	230
	900-1800 (3000-6000)	240	230	220	210
	1800-2700 (6000-9000)	220	210	195	185
	2700-3700 (9000-12000)	200	190	180	175

 - Shaded zone should drop Jet Needle one position (raise E-Clip)

 - Production Setting

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STATOR COILS	RESISTANCE ± 10%
BRN/W TO BLK/R	164 OHMS
Y TO Y/R	•2 - .5 OHMS
Y/R, BRN, W, GROUND	0 OHMS

