

OWNER'S MANUAL SUPPLEMENT
2000 SCRAMBLER 500
PN 9915470



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

Specifications

SCRAMBLER 500		
C A P A C I T I E S	Body Style	Gen III
	Gross Vehicle Weight	845
	Fuel Capacity	3.5 U.S. Gallons
	Gearcase Oil	32 Ounces
	Engine Oil Capacity	2 Quarts
	Front Rack (Maximum - Capacity)	Accessory (30 Lbs.)
	Rear Rack (Maximum Capacity)	Accessory (60 Lbs.)
	Tongue Weight	30 Lbs.
	Tow Hitch	Accessory
	Tow Capacity	850 Lbs.
	Turn Radius	60 inches
	Ground Clearance	6.5 inches
	Height	47 inches
	Length	74.5 inches
	Seat Height	33 inches
	Weight	542 Lbs.
	Wheel Base	48.5 inches
	Width	45.5 inches
D R I V E S Y S T E M	Drive System Type	PVT
	Shift Type	Side Lever (F-N-R)
	Gear Reduction - Low	Not Applicable
	Gear Reduction - Reverse	4.74 / 1
	Gear Reduction - Forward	3.06 / 1
	Front Drive (ratio)	2:1
	Final Drive (ratio)	13/36 76P
	Center Drive (ratio)	Not Applicable
	Drive Chain	520 O-ring
T I R E S	Front Tire	23 x 7 - 10
	Rear Tire	22 x 11 - 10
	Tire Pressure (front)	4 PSI
	Tire Pressure (rear)	3 PSI

SCRAMBLER 500		
S U S P	Front Susp. - Mac Strut	8.2 inches
	Rear Susp. - Progressive Rate Swing Arm	10.5 inches
	Shock Adjustment	Thread Adjust
B R A K E S	Front Brake	Fixed Disc, Hydraulic Floating Caliper
	Rear Brake	Hydraulic, opposed piston caliper, rear axle fixed disc
	Auxiliary Brake	Hydraulic, opposed piston caliper, rear axle, fixed disc
	Park Brake	Hydraulic Lock all wheel
E N G I N E & C O O L I N G	Engine Model Number	EH50PLE-04
	Engine Type	4 cycle, single cylinder
	Lubrication	Dry Sump
	Bore x Stroke	92 x 75
	Displacement	499
	Compression Ratio	10:2
	Engine Cooling	Liquid
	Alternator Output (watts)	250
	Carburetion	BST 40
	Main Jet	155
	Pilot Jet	40
	Needle Jet	Y-0
	Pilot Screw	2.0
	Jet Needle	6H25-94-3
	Ignition	CDI
	Timing	30° @ 3500 ± 1.5
	Spark Plug Gap	.028 inches / .7 mm
	Spark Plug Type	NGK BKR6E
	Exhaust	USFS Approval Pending
L I G H T S	Headlight (watts)	2 dual beam, 30 / 30
	Taillight (watts)	8.26
	Brake Light (watts)	26.9

SCRAMBLER 500		
F E A T U R E S	Battery	12 V 14 AH
	DC Plug In - Rear	Accessory
	DC Socket - Forward	Accessory
	Electric Start	Standard
	High Beam Indicator	Standard
	High Temp Indicator	Standard
F E A T U R E S	Windshield	Accessory
	Low Oil Light	Not Available
	Neutral Indicator	Standard
	Reverse Indicator	Standard
	Speedometer	Accessory
	Tool Kit	Standard

Carburetor Jetting

Clutching Chart

Altitude	AMBIENT TEMPERATURE	Below 40° F Below 5° C	+40°F to +80° F +5°C to +28°C	Altitude		Shift Weight	Drive Clutch Spring	Driven Clutch Spring	Helix and Spring Settings
Meters (Feet)	0-1800 (0-6000)	160	155	Meters (Feet)	0-1800 (0-6000)	10WH (5630710)	Blue/ Green (7041157)	Silver (7041499)	40° 5131446 1/1
	1800-3700 (6000-12000)	152.5	147.5		1800-3700 (6000-12000)	10RH (5630709)	Blue/ Green (7041157)	Silver (7041499)	40° 5131446 1/1

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