

**OWNER'S MANUAL SUPPLEMENT
2001 SPORTSMAN 500, HO
PN 9916445**



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

Specifications

		Sportsman 500
C A P A C I T I E S	Body Style	Gen IV
	Gross Vehicle Weight	1200 Lbs.
	Fuel Capacity	5.25 U.S. Gallons
	Gearcase Oil	32 Ounces
	Engine Oil Capacity	2 Quarts
	Front Rack (Maximum - Capacity)	90 Lbs.
	Rear Rack	180 Lbs.
	Tongue Weight	35 Lbs.
	Tow Hitch	Standard
	Tow Capacity	1225 Lbs.
	Turn Radius	65"
	Ground Clearance	11"
	Height	47"
	Length	81"
	Seat Height	34"
	Dry Weight	697
Wheel Base	50.50 "	
Width	46"	
D R I V E S Y S T E M	Drive System Type	EBS
	Shift Type	Side Lever (Hi/Lo-R-N)
	Gear Reduction - Low	6.69/1
	Gear Reduction - Reverse	5.17/1
	Gear Reduction - Forward	3.34/1
	Front Drive (ratio)	2:1
	Final Drive (ratio)	3.16:1
	Center Drive (ratio)	Not Applicable
Drive Chain	Not Applicable	
T I R E S	Front Tire	25 x 8-12
	Rear Tire	25 x 11-10
	Tire Pressure (front)	5
	Tire Pressure (rear)	5

		SPORTSMAN 500
S U S P	Front Susp. - Mac Strut	6.25"
	Rear Susp. - Progressive Rate Fully Independent w/ Anti-roll Bar	9.5"
	Shock Adjustment	CAM
B R A K E S	Front Brake	Hydraulic Disc
	Rear Brake	Hydraulic, opposed piston caliper, fixed disc
	Auxiliary Brake	Hydraulic, opposed piston caliper, 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-13
	Engine Type	4 Cycle, Single Cylinder
	Lubrication	Dry Sump
	Bore x Stroke	92 x 75
	Displacement	498
	Compression Ratio	10:2 Full Stroke
	Engine Cooling	Liquid
	Alternator Output (watts)	250
	Carburetion	1/BST40
	Main Jet	152.5
	Pilot Jet	40
	Needle Jet	X-6
	Pilot Screw	2 1/2 Turn
	Jet Needle	KE-3 (683)
	Ignition	CDI
	Timing	30 @ 5000
Spark Plug Gap	.9 mm/.036 in.	
Spark Plug Type	NGK BKR6E	
Exhaust	USFS Approved	
L I G H T S	Headlight (on Handlebar) (watts)	1 single beam, 60
	Headlight (on Grill) (watts)	2 single beam, 27
	Taillight (watts)	8.26
	Brake Light (watts)	26.9
F E A T U R E S	3-Point Hitch	Accessory
	Battery	12V 14AH
	DC Plug In - Rear	Accessory
	DC Socket - Forward	Standard
	Electric Start	Standard
	High Beam Indicator	Standard
	High Temp Indicator	Standard

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F E A T U R E S	Windshield	Accessory
	Low Oil Light	Not Applicable
	Neutral Indicator	Standard
	Reverse Indicator	Standard
	Speedometer	Standard
	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*	
Meters (Feet)	0-1800 (0-6000)	157.5	152.5	Meters (Feet)	0-1800 (0-6000)	10WH (5630710)	Blue/Green (7041157)	White/Yellow (7041635)	Comp EBS 5131674
	1800-3700 (6000-12000)	150	145		1800-3700 (6000-12000)	10RH (5630709)	Blue/Green (7041157)	White/Yellow (7041635)	Comp EBS 5131674

* EBS models require no helix adjustment

PN 9916445 Rev 01 4/00

Printed in U.S.A.

Need 2001 Wiring Diagram