OWNER'S MANUAL SUPPLEMENT
2001 MAGNUM 325 4X4
PN 9916401

POLARIS®
SALES INC.

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

Capacities	
Body Style	Gen IV
Gross Vehicle Weight	1125
Fuel Capacity	3.75 U.S. Gal
Engine Oil Capacity	1.9 Quarts
Front Rack (Maximum - Capacity)	90 Lbs.
Rear Rack	180 Lbs.
Tongue Weight	30 Lbs.
Tow Hitch	Standard
Tow Capacity	850 lbs.
Turn Radius	65″
Ground Clearance	7.25″
Height	46″
Length	81″
Seat Height	34″
Dry Weight	620 lbs
Wheel Base	49.75″
Width	46″

Drive System	
Drive System Type	PVT
Shift Type	Side Lever
Front Drive (ratio)	3.7 / 1
Final Drive (ratio)	3.1 / 1
Front Tire	24 x 8 - 12
Rear Tire	24 x 11.5 - 10
Tire Pressure (front)	4
Tire Pressure (rear)	3

Suspension and Brakes	
Front Susp. - Mac Strut	6.7″
Rear Susp. - Progresseive Rate Swing Arm	6.5″
Shock Adjustment	2″ Gas Charged Mono-tube Cam
Front Brake	Hydraulic Disc
Rear Brake	Hydraulic Disc
Auxiliary Brake	Hydraulic Disc
Park Brake	Hydraulic Lock, All Wheel

Engine & Cooling	
Engine Model Number	ES32PFE06
Engine Type	4 Stroke, Single Cynlinder
Lubrication	Wet Sump
Bore x Stroke	78 x 68
Displacement	324 cc
Compression Ratio	9:2 Full Stroke
Engine Cooling	Air with Fan Assisted Oil Cooler
Alternator Output (watts)	200
Carburetion	1/BST31 (CV Type)
Main Jet	145
Pilot Jet	50
Needle Jet	P-2 (829)
Pilot Air Jet	175
Pilot Screw	2 Turns
Jet Needle	5F14-3
Ignition	CDI
Timing	30° @ 5000
Spark Plug Gap	.036 inches
Spark Plug Type	NGK BKR6E
Exhaust	USFS Approval Pending

Features	
Headlight (watts)	Grill – Hi / Low 30W
Taillight (watts)	12V / 8.26 W
Brake Light (watts)	12V / 26.9 W
3-Point Hitch	Accessory
Battery	12V / 14 AH
DC Plug In - Rear	Accessory
DC Socket - Forward	Accessory
Electric Start	Standard

High Beam Indicator	Standard
High Temp Indicator	Standard
Windshield	Accessory
Low Oil Light	N/A
Neutral Indicator	Standard
Reverse Indicator	Standard
Speedometer	Accessory
Tool Kit	Standard

Carburetor Jetting

Altitude	AMBIENT TEMPERATURE	Below +40° F Below +5° C	+40° F & Above +5° C & Above
Meters (Feet)	0-1800 (0-6000)	150	145
	1800 & above (6000 & above)	142.5	137.5

Clutching Chart

Altitude	Shift Weight	Clutch Spring	Driven Helix	Driven Helix
Meters (Feet)	0-1800 (0-6000)	16 5630279	Blue/ Green 7041157	Black 7041782	44-36° 5132344 2-2
	1800 & above (6000 & above)	16 Mod 5630280	Blue/ Green 7041157	Black 7041782	44-36° 5132344 2-2

44 - 36° helix, black driven spring

2001 MAGNUM 325 4X4 wiring diagram