

GENERAL INFORMATION

2012 Sportsman 500 H.O.

MODEL NUMBER:

A12MH50AX, AZ, AD, AQ, FF, FY, FX

ENGINE MODEL: EH500PLE13B



Category	Dimension / Capacity
Length	83 in./210.8 cm
Width	48 in./121.9 cm
Height	48 in./121.9 cm
Wheel Base	50.75 in./128.9 cm
Ground Clearance	11.25 in./28.6 cm
Dry Weight	696 lbs./313 kg (Wet weight model FF, FY, FX) 776 lbs./352 kg)
Front Rack/Box Capacity	90 lbs./40.8 kg
Rear Rack Capacity	180 lbs./81.6 kg
Max. Weight Capacity	485 lbs./220 kg
Towing Capacity	1225 lbs./555.7 kg
Unbraked Trailer Towing Capacity (EU)* NOTE: *Data based on EU Directive: 76/432/EEC	1786 lbs./810 kg
Hitch Tongue Capacity	120 lbs./54.4 kg Rear rack capacity and tongue weight not to exceed 180 lbs./82 kg

Engine	
Platform	Fuji Single Cylinder
Engine Model Number	EH500PLE13B
Engine Displacement	498cc
Number of Cylinders	1
Bore & Stroke (mm)	92 x 75 mm
Compression Ratio	10.2:1
Compression Pressure	70-90 psi W/Compression Release
Engine Idle Speed	1200+/- 200 RPM
Engine Max Operating Rpm	7000 Rpm ± 200 Rpm
Cooling System / Capacity	Liquid - 2.7 qt / 2.5 litre
Over-heat Warning	HOT on Instrument Cluster
Lubrication	Pressurized Dry Sump
Oil Requirements / Capacity	Polaris 2W-50 2 qt. / 1.9 litre
Exhaust System	Single Pipe USFS Approved
Fuel System	
Carburetor	Mikuni B-ST 40mm
Main Jet	150
Pilot Jet	40
Jet Needle / Clip Position	6MGH1-94-3
Needle Jet	X-6M
Pilot Screw	1 Turn Out (initial)
Pilot Air Jet	40
Float Height	14.7mm ± 1 (.58 ± 0.40")
Fuel Delivery	Fuel Pump
Fuel Capacity / Requirement	4.25 gal US / 15.5 liters 87 Octane (minimum) or 89 Oxygenated
Electrical	
Alternator Output	260 w @ 3000 RPM
Voltage Regulator	3-phase PDM
Lights : Pod	50 watts
Orill	2 x 50 watts
Brake	26.9 watts
Tail	8.26 watts
Ignition System	DC/CDI Ignition
Ignition Timing	30°± 2° BTDC @ 5000 RPM
Spark plug / Gap	BKR6E / .035 in. / 0.9 mm
Battery	Maintenance-Free / 12 Amp Hc
Circuit Protection	5 / 15 / 20 Amp Fuses 10 Amp Circuit Breaker - Fan
Starting	Electric
Instrument Cluster	Analog Speedo w/ LCD

Polaris Xplorer 400 Manual Changing Oil

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Polaris Xplorer 400 Manual Changing Oil:

Polaris, Sportsman 400 and 500 4x4, 1996-2003 and Xplorer 500 4x4, 1997-2003 Ed Scott,2004 **Australian Viticulture** ,1996 *Jane's All the World's Aircraft* ,2009 Polaris Sportsman 400, 450 & 500 1996-2013 Manual Penton Staff,2000-05-24 Sportman 400 2001 2005 Sportsman 450 2006 2007 Sportsman 450 Browning Edition 2006 Sportsman 500 1996 2010 Sportsman 500 RSE 2000 2002 Sportsman 500 DUSE 2001 2002 Sportsman 500 HO 2001 2006 2008 2010 Sportsman 500 X2 2006 2010 Sp **Clymer Polaris Sportsman 400, 450 & 500, 1996-2010** Ed Scott,2010

Reviewing **Polaris Xplorer 400 Manual Changing Oil**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is truly astonishing. Within the pages of "**Polaris Xplorer 400 Manual Changing Oil**," an enthralling opus penned by a very acclaimed wordsmith, readers attempt an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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