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Clymer XPLORES 500 4X4 1997

Clymer Repair Manual for Polaris XPLORES 500 4X4 1997

Comprehensive Maintenance, Troubleshooting, and Repair Instructions

INTRODUCTION

This Clymer Repair Manual provides detailed instructions for the maintenance, troubleshooting, and repair of the Polaris XPLORES 500 4X4 1997 model. Designed for both the do-it-yourselfer and the experienced mechanic, this manual contains hundreds of original photographs and illustrations derived from the complete disassembly and assembly of the covered machine. It serves as an essential resource for keeping your vehicle in optimal operating condition.

CLYMER[®] MANUALS

M365-5



POLARIS

SPORTSMAN 400, 450 & 500 • 1996-2013

MAINTENANCE • TROUBLESHOOTING • REPAIR

A Penton Business Media Publication

COLOR
Wiring Diagrams

This image displays the front cover of the Clymer Repair Manual, featuring a red Polaris Sportsman ATV. The cover indicates coverage for Polaris Sportsman 400, 450 & 500 models from 1996-2013, and specifically the Polaris Xplorer 500 4x4 1997. It highlights sections on Maintenance, Troubleshooting, and Repair, along with the inclusion of Color Wiring Diagrams.

HOW TO USE THIS MANUAL

To effectively utilize this repair manual, it is recommended to familiarize yourself with its overall structure before beginning any work. Each chapter focuses on a specific system or component of the vehicle. Always read through the entire procedure for a task before starting to ensure you have all necessary tools and understand the steps involved. Pay close attention to safety warnings and precautions provided throughout the manual to prevent injury or damage to the vehicle.

- **Safety First:** Always prioritize safety. Wear appropriate personal protective equipment and follow all safety guidelines.
- **Read Thoroughly:** Understand the complete procedure before starting any repair or maintenance task.
- **Tools and Materials:** Ensure all required tools and replacement parts are available before beginning work.
- **Cleanliness:** Maintain a clean work environment to prevent contamination of components.

UNDERSTANDING MANUAL SECTIONS

Clymer manuals are organized into logical sections to facilitate easy navigation and understanding. Typical sections include:

- **General Information:** Covers vehicle identification, general specifications, and basic maintenance schedules.
- **Engine:** Detailed procedures for engine removal, disassembly, inspection, repair, and reassembly.
- **Fuel System:** Information on carburetors, fuel injection, fuel pump, and related components.
- **Cooling System:** Maintenance and repair of the radiator, hoses, and water pump.
- **Chassis:** Instructions for suspension, steering, brakes, and wheels.
- **Electrical System:** Wiring diagrams, component testing, and troubleshooting for electrical issues.
- **Transmission/Drivetrain:** Procedures for the transmission, drive shafts, and final drive.

Each section provides step-by-step instructions accompanied by clear photographs and exploded-view illustrations to guide you through complex procedures.

MAINTENANCE PROCEDURES

Regular maintenance is crucial for the longevity and performance of your Polaris XPLOER 500 4X4. This manual outlines a comprehensive maintenance schedule and provides detailed instructions for routine tasks, including but not limited to:

- Oil and filter changes
- Air filter inspection and cleaning/replacement
- Spark plug inspection and replacement
- Brake system inspection and adjustment
- Tire pressure and wear checks
- Lubrication of chassis components
- Coolant level and condition checks

Following the recommended maintenance schedule will help prevent major repairs and ensure reliable operation of your vehicle.

TROUBLESHOOTING GUIDE

The troubleshooting section of this manual is designed to assist in diagnosing common problems that may arise with your Polaris XPLOER 500 4X4. It provides systematic approaches to identify the root cause of various symptoms, such as:

- Engine starting difficulties

- Poor engine performance
- Brake system malfunctions
- Electrical system failures
- Suspension and steering issues

By following the diagnostic charts and procedures, you can effectively pinpoint problems and proceed with the appropriate repairs.

SPECIFICATIONS

This section provides key technical specifications for the Polaris XPLOER 500 4X4 1997, as well as general product information for the manual itself.

| Specification | Detail |
|--------------------------|-----------------------|
| Manufacturer | Clymer |
| Item Weight | 3.44 pounds |
| Product Dimensions | 11 x 8.5 x 1.5 inches |
| Manufacturer Part Number | CLYM339 |
| ASIN | B079MHKP82 |
| Date First Available | February 6, 2018 |

SUPPORTED MODELS

This Clymer Repair Manual is designed to cover a range of Polaris ATV models. While specifically titled for the Polaris XPLOER 500 4X4 1997, it also provides comprehensive coverage for the following vehicles:

| This Part Fit's The Following Vehicles | |
|---|---|
| Polaris Sportsman 400 4X4 2001-2005 | Polaris Sportsman 500 EFI Touring 2008-2009 |
| Polaris Sportsman 400 HO 2008-2013 | Polaris Sportsman 500 HO 2008-2013 |
| Polaris Sportsman 450 4X4 2006-2007 | Polaris Sportsman 500 HO Touring 2010-2013 |
| Polaris Sportsman 500 4X4 1996-2006 | Polaris Sportsman 500 MV 2005 |
| Polaris Sportsman 500 4X4 EFI 2006-2009 | Polaris Sportsman 500 Remington 4x4 2001-2002 |
| Polaris Sportsman 500 6X6 2000-2008 | Polaris Sportsman 500 X2 4X4 2006-2009 |
| Polaris Sportsman 500 Ducks Unlimited 4x4 2001-2002 | Polaris Xplorer 500 4X4 1997 |

This image presents a detailed list of Polaris ATV models and their respective years that are covered by this Clymer Repair Manual. It includes various Polaris Sportsman 400, 450, 500 models (including EFI, HO, Touring, MV, Remington, X2, Ducks Unlimited, 6X6) from 1996 to 2013, and specifically the Polaris Xplorer 500 4X4 1997.

- Polaris Sportsman 400 4X4 2001-2005
- Polaris Sportsman 400 HO 2008-2013
- Polaris Sportsman 450 4X4 2006-2007
- Polaris Sportsman 500 4X4 1996-2006
- Polaris Sportsman 500 4X4 EFI 2006-2009

- Polaris Sportsman 500 6X6 2000-2008
- Polaris Sportsman 500 Ducks Unlimited 4X4 2001-2002
- Polaris Sportsman 500 EFI Touring 2008-2009
- Polaris Sportsman 500 HO 2008-2013
- Polaris Sportsman 500 HO Touring 2010-2013
- Polaris Sportsman 500 MV 2005
- Polaris Sportsman 500 Remington 4X4 2001-2002
- Polaris Sportsman 500 X2 4X4 2006-2009
- Polaris Xplorer 500 4X4 1997

LEGAL DISCLAIMER

Please be aware of the following legal disclaimer:

On Product Combined Cancer Reproductive

This statement is provided in compliance with relevant regulations and should be noted by all users of this product.

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For further assistance, please refer to the contact information provided within the physical manual.