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› Polaris GPS Antenna Receiver (Part 4014811) Instruction Manual

Polaris 4014811

Polaris GPS Antenna Receiver (Part 4014811) Instruction Manual

Genuine OEM Part for Polaris Vehicles

1. INTRODUCTION

This manual provides essential information for the Polaris GPS Antenna Receiver, Genuine OEM Part 4014811. This component is designed to integrate seamlessly with your Polaris vehicle's GPS system, ensuring reliable navigation and location services. For optimal performance and safety, please read and understand all instructions before installation and use.

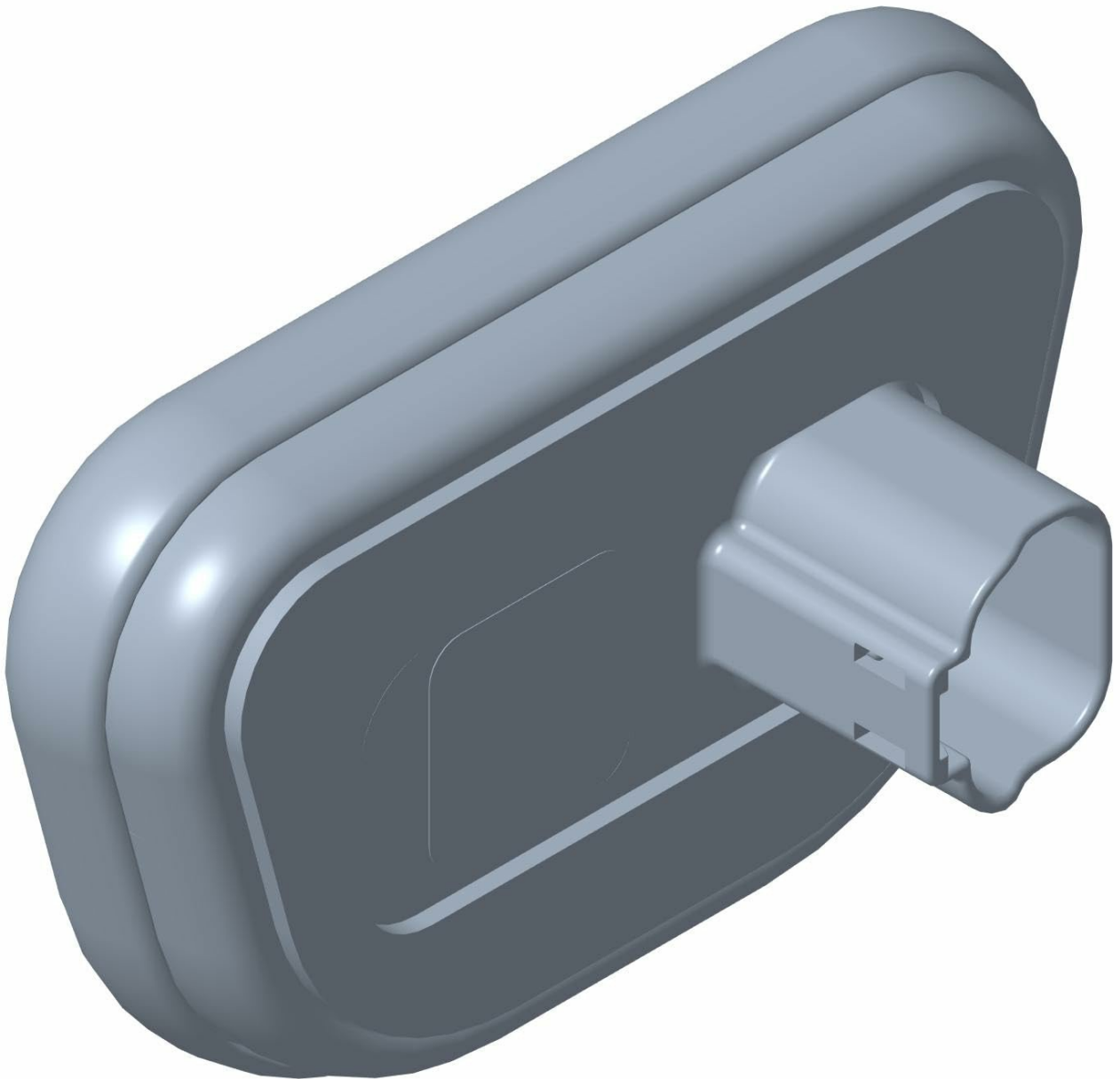


Figure 1: Polaris GPS Antenna Receiver, Part 4014811. This image shows the compact, black housing of the GPS antenna receiver with its integrated connector.

Polaris Engineered Parts Overview

Polaris OEM Parts are developed through rigorous design, testing, and validation processes to ensure durability, perfect fit, and optimal performance for your vehicle. The following video provides insight into the engineering behind Polaris parts.

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Video 1: Polaris Engineered Parts Precision in Motion. This video highlights the extensive design, testing, and manufacturing processes that go into every Polaris engineered part, emphasizing quality and reliability.

2. SAFETY INFORMATION

Always prioritize safety when working with vehicle components. Failure to follow safety instructions can result in injury or damage to the vehicle.

- **Professional Installation Recommended:** Installation of this GPS antenna receiver may require specialized tools and knowledge. It is highly recommended that installation be performed by an authorized Polaris service technician.
- **Disconnect Power:** Before attempting any installation or maintenance, ensure the vehicle's battery is disconnected to prevent electrical shock or damage to electrical systems.
- **Use Proper Tools:** Always use the correct tools for the job. Improper tools can damage components or cause injury.
- **Wear Protective Gear:** Wear appropriate personal protective equipment, including safety glasses and gloves, during installation.
- **Handle with Care:** Electronic components are sensitive. Handle the GPS antenna receiver carefully to avoid damage.

3. PACKAGE CONTENTS

Verify that all items are present and undamaged upon opening the package. If any items are missing or damaged, contact your Polaris dealer or customer support immediately.

- 1 x Polaris GPS Antenna Receiver (Part 4014811)



Figure 2: Close-up view of the Polaris GPS Antenna Receiver. This image provides a detailed look at the receiver's housing and connector, showing its robust construction.

4. SETUP AND INSTALLATION

The Polaris GPS Antenna Receiver is designed for specific Polaris vehicle models. Refer to your vehicle's service manual for detailed, model-specific installation instructions and location diagrams. The following steps are general guidelines.

1. **Preparation:** Park the vehicle on a level surface, engage the parking brake, and disconnect the negative battery cable.
2. **Locate Mounting Area:** Identify the designated mounting location for the GPS antenna receiver on your vehicle. This is typically in an area with a clear view of the sky, free from obstructions that could interfere with GPS signal reception. Consult your vehicle's service manual for the exact location.
3. **Remove Existing Component (if applicable):** If replacing an existing antenna, carefully disconnect its wiring and remove any mounting hardware.
4. **Mount New Antenna:** Secure the new Polaris GPS Antenna Receiver (Part 4014811) using the appropriate mounting hardware as specified in your vehicle's service manual. Ensure it is firmly attached and oriented correctly.
5. **Connect Wiring:** Connect the antenna's wiring harness to the vehicle's corresponding connector. Ensure all connections are secure and properly seated. Avoid pinching or damaging wires during routing.
6. **Verify Installation:** Double-check all connections and mounting points. Reconnect the negative battery cable.
7. **Test System:** Turn on the vehicle and verify that the GPS system is receiving a signal and functioning correctly. Refer to your vehicle's owner's manual for instructions on checking GPS status.

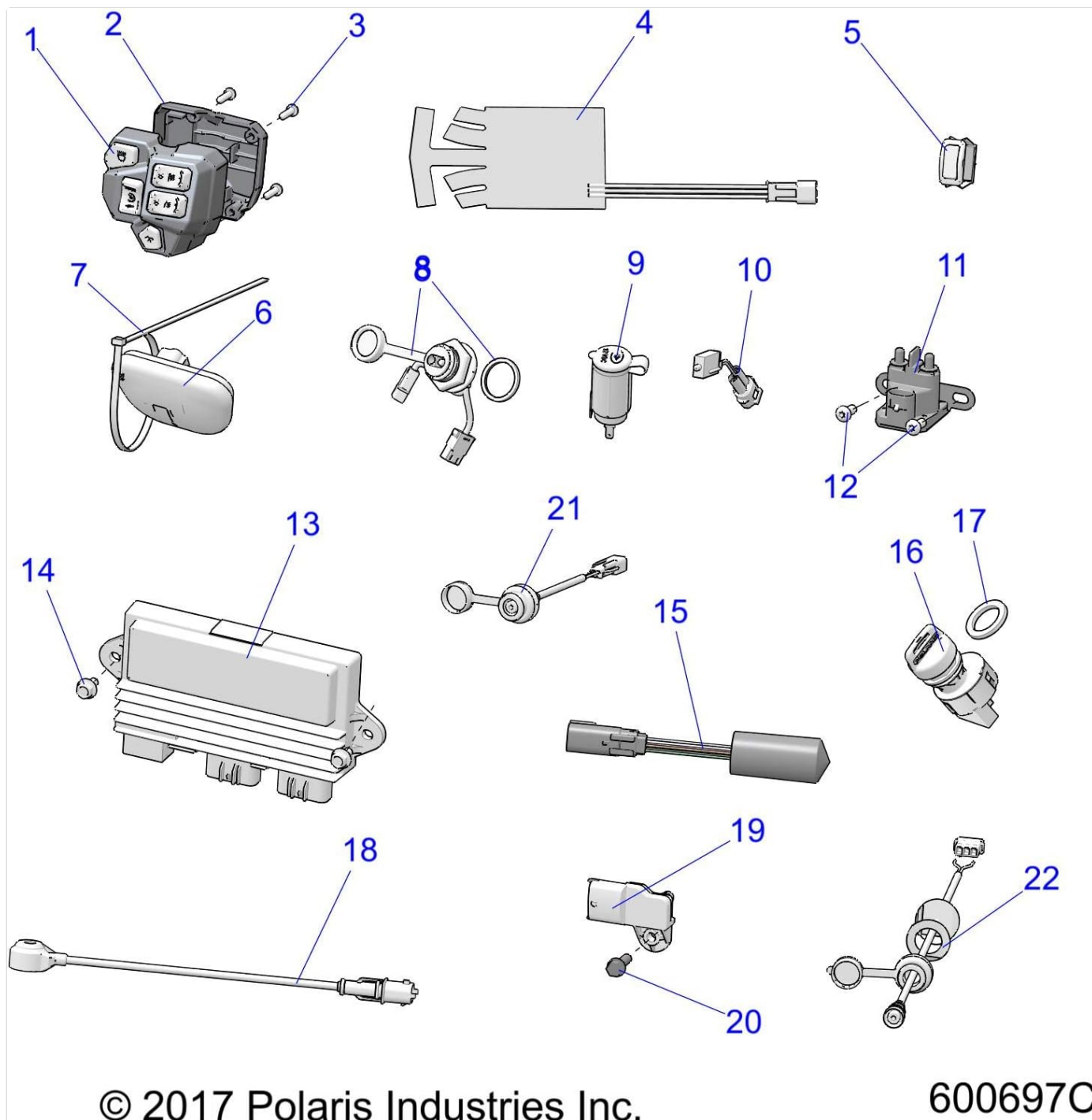


Figure 3: Exploded view of various Polaris components, including the GPS antenna receiver (item 7). This diagram helps in identifying the antenna receiver within a larger assembly of parts.

5. OPERATING INSTRUCTIONS

The Polaris GPS Antenna Receiver (Part 4014811) operates automatically once correctly installed and connected to your vehicle's GPS system. It is a passive component that receives satellite signals and transmits them to the vehicle's main GPS unit.

- **Automatic Function:** The antenna receiver does not require manual operation. It continuously receives GPS signals when the vehicle's electrical system is active.
- **GPS System Interaction:** All user interaction, such as setting destinations, viewing maps, or checking signal strength, is performed through the vehicle's primary GPS display unit. Refer to your vehicle's owner's manual for specific instructions on operating the GPS system.
- **Signal Reception:** For optimal performance, ensure the vehicle is in an open area with a clear view of the sky to facilitate strong GPS satellite signal reception. Obstructions like dense foliage, tall buildings, or tunnels can

temporarily degrade or block the signal.

6. MAINTENANCE

The Polaris GPS Antenna Receiver is designed for durability and requires minimal maintenance. Regular inspection can help ensure its longevity and proper function.

- **Visual Inspection:** Periodically inspect the antenna receiver and its wiring for any signs of physical damage, corrosion, or loose connections.
- **Cleaning:** Keep the exterior of the antenna clean from dirt, mud, and debris. Use a soft, damp cloth to wipe the surface. Avoid using harsh chemicals or abrasive cleaners.
- **No User-Serviceable Parts:** The GPS antenna receiver contains no user-serviceable parts. Do not attempt to disassemble or repair the unit. Any internal tampering will void the warranty.

7. TROUBLESHOOTING

If you experience issues with your vehicle's GPS system, the problem may not always originate from the antenna receiver itself. Perform basic checks before seeking professional assistance.

Problem	Possible Cause	Solution
No GPS Signal / Poor Accuracy	• Obstruction to sky view • Loose or damaged wiring connection • Faulty GPS antenna receiver • Issue with vehicle's main GPS unit	• Move vehicle to an open area. • Check antenna wiring for secure connection and damage. • Consult your vehicle's service manual for GPS unit troubleshooting. • If issues persist, contact an authorized Polaris service center.
Antenna Physical Damage	• Impact or environmental exposure	• Inspect the antenna for cracks, breaks, or other damage. • Replacement may be necessary. Contact an authorized Polaris service center.

For complex issues or if troubleshooting steps do not resolve the problem, it is recommended to contact an authorized Polaris service center for diagnosis and repair.

8. SPECIFICATIONS

Key specifications for the Polaris GPS Antenna Receiver (Part 4014811):

- **Part Number:** 4014811
- **Brand:** Polaris
- **Product Dimensions:** Approximately 4"L x 2.5"W x 2"H
- **Item Weight:** Approximately 0.3 Pounds
- **Number of Items:** 1
- **Antenna Type:** GPS Receiver
- **Manufacturer:** Polaris



Figure 4: Another perspective of the Polaris GPS Antenna Receiver. This view highlights the compact design and the specific shape of the unit.

9. WARRANTY INFORMATION

The Polaris GPS Antenna Receiver (Part 4014811) comes with a manufacturer's warranty.

- **Warranty Period:** 1 Year Limited Warranty.
- **Coverage:** This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, accident, misuse, abuse, or unauthorized modifications.
- **Claim Process:** For warranty claims, please retain your proof of purchase and contact an authorized Polaris dealer or Polaris customer service.

10. SUPPORT AND CONTACT

For further assistance, technical support, or to locate an authorized service center, please use the following resources:

- **Polaris Official Website:** Visit the official Polaris website for product information, dealer locator, and support resources.
- **Authorized Polaris Dealers:** Your local authorized Polaris dealer can provide expert installation, service, and genuine replacement parts.
- **Customer Service:** Refer to your vehicle's owner's manual or the Polaris website for customer service contact information.

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