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SKARUMMER 4011002

Ignition Switch with Key Replacement User Manual

Brand: SKARUMMER | **Model:** 4011002

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your SKARUMMER Ignition Switch with Key. This ignition switch is a critical component in the control system of your motor vehicle, activating the main electrical systems. It is designed as a direct replacement part to restore proper vehicle starting functionality.



Figure 1: SKARUMMER Ignition Switch with Key.

2. PRODUCT FEATURES

- **Replacement Ignition Starter Switch:** Designed to replace faulty ignition switches where the key may be difficult to turn or the ATV fails to start.
- **Professional Design:** Features a 3-position (OFF - RUN - START) and 6-pin configuration.
- **High-Quality Construction:** Manufactured from high-performance ABS and high-quality brass, ensuring safety, durability, and excellent electrical conductivity.
- **Easy Installation:** A direct plug-and-play replacement, requiring no wire splicing.
- **Quality Assurance:** Meets or exceeds OEM standards and is 100% tested before shipping.

PROFESSIONAL DESIGN



Figure 2: Detailed view of the 6-pin connector and keyhole.

3. COMPATIBILITY

This ignition key switch is a compatible replacement for various Polaris models, including but not limited to:

- **Polaris Ranger:** 400, 425, 500, 570, 700, 800, 900, 1000 series.
- **Polaris RZR:** 170, 570, 800, 900 XP series.
- **Polaris Sportsman:** 300, 325, 400, 450, 500, 550, 570, 700, 800 series.
- **Other Models:** Polaris General, Magnum, Brutus, Hawkeye, and more.

Replaces part numbers: 4011002, 4012165, 4011142, 4010390, 4012164.

Please verify the fitment for your specific model before ordering to ensure proper compatibility.

4. INSTALLATION GUIDE

The SKARUMMER Ignition Switch is designed for straightforward, plug-and-play installation. No complex wiring or modifications are typically required.

4.1. Tools Required

- Wrench or socket set (for removing the retaining nut)

4.2. Installation Steps

1. Ensure the vehicle is turned off and the battery is disconnected for safety.
2. Locate the existing ignition switch on your vehicle's dashboard or control panel.
3. Carefully remove any surrounding panels or covers to access the rear of the ignition switch.
4. Disconnect the electrical connector from the back of the old ignition switch.
5. Unscrew the retaining nut that secures the old ignition switch in place.
6. Remove the old ignition switch from its mounting hole.
7. Insert the new SKARUMMER Ignition Switch into the mounting hole.
8. Secure the new switch with the retaining nut from behind the panel.
9. Reconnect the electrical connector to the new ignition switch. Ensure it clicks firmly into place.
10. Replace any panels or covers that were removed.
11. Reconnect the vehicle battery.

EASY INSTALLATION

Plug and play with no wire splicing



Figure 3: The new ignition switch is a simple plug-and-play replacement.

5. OPERATING INSTRUCTIONS

The ignition switch features three distinct positions:

- **OFF:** The vehicle's electrical system is completely de-energized. The key can be inserted or removed in this position.
- **RUN:** The vehicle's electrical accessories and ignition system are active. This is the normal operating position.
- **START:** This is a momentary position. Turning the key to START engages the starter motor. Release the key once the engine starts, and it will automatically return to the RUN position.

HIGH QUALITY



Figure 4: The key fits securely into the ignition switch.

6. MAINTENANCE

The SKARUMMER Ignition Switch is designed for long-lasting performance with minimal maintenance. However, to ensure optimal operation and longevity:

- Keep the keyhole free from dirt, dust, and debris.
- Avoid excessive force when inserting or turning the key.
- Periodically check the electrical connections to ensure they remain secure.

- If the key becomes difficult to turn, a small amount of graphite lubricant can be applied to the key and inserted into the lock cylinder.

7. TROUBLESHOOTING

If you experience issues after installing the new ignition switch, consider the following:

- **Vehicle does not start:**
 - Check battery connections and charge.
 - Ensure the electrical connector to the switch is fully seated.
 - Verify the key is fully inserted and turned to the "START" position.
 - Confirm the vehicle is in neutral or park (if applicable).
- **Key is difficult to turn or remove:**
 - Apply a small amount of graphite lubricant to the key and insert it into the lock cylinder.
 - Ensure the steering wheel is not locked (if applicable).
- **Electrical accessories not working:**
 - Ensure the key is in the "RUN" position.
 - Check relevant fuses in your vehicle's fuse box.

If problems persist, consult a qualified mechanic or contact SKARUMMER customer support.

8. SPECIFICATIONS

Item Model Number	4011002
Brand	SKARUMMER
Operation Mode	Off, Run, Start (3-Position)
Contact Type	Normally Open
Connector Type	Plug In
Terminal	6 Pins
Circuit Type	3-way
Actuator Type	Rotary
Contact Material	Brass
Package Dimensions	2.99 x 2.99 x 1.81 inches
Item Weight	0.35 ounces

9. WARRANTY AND SUPPORT

SKARUMMER offers a **24-month warranty** for this ATV Engine Ignition Key Switch. If you have any questions or require support regarding your product, please contact SKARUMMER customer service

directly. We are committed to providing assistance and ensuring your satisfaction.
For further assistance, please refer to the contact information provided with your purchase or visit the official SKARUMMER store page.