Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

amavoler Lc261

amavoler 5 Wire 5 Pin Ignition Key Switch Instruction Manual

Model: Lc261

Introduction

This manual provides instructions for the installation and operation of the amavoler 5 Wire 5 Pin Ignition Key Switch. This switch is designed for use with various recreational vehicles, including 50cc, 70cc, 90cc, 110cc, 125cc, 150cc, 200cc, and 250cc Go Karts, ATVs, Motorcycles, and Dune Buggies. Please read this manual thoroughly before installation and use to ensure proper function and safety.

Safety Information

- Always disconnect the vehicle's battery before performing any electrical work to prevent electrical shock or damage.
- Ensure all wiring connections are secure and properly insulated to avoid short circuits.
- If you are unsure about any installation steps, consult a qualified technician.
- Do not modify the ignition switch or its wiring, as this may compromise safety and functionality.

Package Contents

- 1 x Ignition Key Start Switch
- 2 x Keys

Product Overview

The amavoler 5 Wire 5 Pin Ignition Key Switch is a robust replacement part designed for various small engine vehicles. It features a durable construction and a standard 5-wire, 5-pin connector for straightforward integration.



Image: The amavoler 5 Wire 5 Pin Ignition Key Switch, showing its cylindrical body and key slot.



Image: The ignition switch assembly, including the main switch unit, two keys, and the attached 5-wire harness with its connector. The image also labels the function of each wire by color.

SPECIFICATIONS

Feature	Detail
Brand	amavoler
Model Number	Lc261
Operation Mode	Manual
Contact Type	Normally Open
Connector Type	5-Pin
Switch Type	Ignition Switch

Feature	Detail
Terminal	Pin
Material	Aluminum, Stainless Steel, Alloy Steel, Nylon, or Polycarbonate
Circuit Type	5-way
Mounting Type	Flush Mount
Actuator Type	Ignition
Number of Positions	5
Compatible Vehicle Types	Go Kart, ATV, Motorcycle, Dune Buggy
Compatible Devices	50cc, 70cc, 90cc, 110cc, 125cc, 150cc, 200cc, 250cc engines

Setup and Installation

Before beginning installation, ensure the vehicle's battery is disconnected. This ignition switch is designed for a 5-wire, 5-pin connection. Verify your vehicle's wiring harness matches this configuration.

Wiring Diagram and Pinout

The switch features a 5-wire harness with specific color coding for its functions. Refer to the diagram below for proper connection.



Image: Close-up view of the 5-pin connector, showing the individual terminals.

- **Red Wire:** Power Start Wire
- **Green Wire:** Power Output Wire
- **White Wire:** Power Input Wire
- **Black Wire:** Engine Flameout Wire (Kill Switch)
- **Yellow Wire:** Power Cut Off Wire

Match these wire functions to your vehicle's existing wiring harness. If your vehicle's wiring colors differ, it is crucial to identify the correct function of each wire using a multimeter or by consulting your vehicle's service manual before connecting.

Installation Steps

1. **Prepare the Mounting Location:** Identify the appropriate location on your vehicle for the ignition switch. Ensure there is sufficient space behind the mounting surface for the switch body and wiring.
2. **Mount the Switch:** Insert the ignition switch into the mounting hole. Secure it using the provided retaining nut and

washer. Ensure it is flush-mounted and stable.

3. **Connect Wiring:** Carefully connect the 5-pin connector from the ignition switch to the corresponding 5-pin harness on your vehicle. Double-check that each wire color/function matches correctly.
4. **Secure Wiring:** Route and secure the wiring to prevent it from being pinched, chafed, or exposed to excessive heat or moving parts.
5. **Reconnect Battery:** Once all connections are secure and verified, reconnect the vehicle's battery.
6. **Test Functionality:** Insert a key and test the switch's positions (Off, On, Start) to ensure proper operation before full use.

Operating Instructions

The amavoler 5 Wire 5 Pin Ignition Key Switch operates with standard ignition positions:

- **OFF:** In this position, all electrical power to the engine and accessories is cut. The key can typically be removed in this position.
- **ON:** Turning the key to the 'ON' position supplies power to the vehicle's electrical system, including the ignition system and accessories. The engine is ready to be started.
- **START:** This is a momentary position. Turning the key further from 'ON' to 'START' engages the starter motor. Release the key once the engine starts; it will spring back to the 'ON' position.

Always ensure the vehicle is in neutral or park (if applicable) and all safety precautions are observed before starting the engine.

Maintenance

The amavoler ignition switch is designed for durability and requires minimal maintenance. However, regular checks can extend its lifespan and ensure reliable operation:

- **Inspect Connections:** Periodically check the wiring harness and connections for any signs of corrosion, fraying, or looseness. Secure any loose connections.
- **Keep Clean:** Keep the switch free from dirt, dust, and moisture. Use a clean, dry cloth to wipe the exterior.
- **Key Care:** Avoid forcing the key into the switch or using excessive force to turn it. Keep keys clean and free of debris.

Troubleshooting

Problem	Possible Cause	Solution
Engine does not start when key is turned to 'START'.	◦ Loose or incorrect wiring connection. ◦ Dead or low vehicle battery. ◦ Faulty starter motor or solenoid. ◦ Key switch malfunction.	◦ Check all 5 wire connections for proper seating and correct pinout. ◦ Test vehicle battery voltage and charge if necessary. ◦ Inspect starter components. ◦ If other causes are ruled out, the switch may need replacement.

Problem	Possible Cause	Solution
No power to accessories when key is in 'ON' position.	◦ Incorrect wiring of the Power Output Wire (Green). ◦ Blown fuse in the vehicle's electrical system.	◦ Verify the Green wire is correctly connected to the accessory power circuit. ◦ Check and replace any blown fuses.
Engine does not turn off when key is turned to 'OFF'.	◦ Incorrect wiring of the Engine Flameout Wire (Black) or Power Cut Off Wire (Yellow). ◦ Faulty kill switch circuit.	◦ Ensure Black and Yellow wires are correctly connected to the engine's kill/cut-off circuits. ◦ Inspect the vehicle's kill switch circuit for continuity.

Warranty and Support

Specific warranty details for this product may vary. Please refer to the product packaging or contact amavoler directly for information regarding warranty coverage and customer support. For technical assistance or inquiries, please reach out to the manufacturer through their official channels.

© 2026 amavoler. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0BNPJN3NL

More documents and user manuals: **https://manuals.plus/**