

SPYMINNPOO SPYMINNPOOmx5s97p04d

SPYMINNPOO Electric Scooter 1T5 Integrated Wiring Harness User Manual

INTRODUCTION

This manual provides comprehensive instructions for the SPYMINNPOO Electric Scooter 1T5 Integrated Wiring Harness. It covers product features, installation guidelines, operational details, maintenance tips, and technical specifications. Please read this manual thoroughly before installation and use to ensure proper function and safety.

SAFETY INFORMATION

- Always disconnect the scooter's power source before installing or replacing any electrical components.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- If you are unsure about any installation step, consult a qualified technician.
- Keep the wiring harness away from sharp objects or excessive heat sources.
- Do not attempt to modify the wiring harness, as this may void the warranty and compromise safety.

PRODUCT OVERVIEW

The SPYMINNPOO Electric Scooter 1T5 Integrated Wiring Harness is designed for electric scooter motor drive wheel wiring harness repair and replacement. It features copper core wires for durability and waterproof connectors for reliable performance in various weather conditions.



Image: The SPYMINNPOO Electric Scooter 1T5 Integrated Wiring Harness, showing its main cable and multiple connectors.

Component Function Description



High Sensitivity Waterproof Connector



Image: A detailed view of the wiring harness connectors with their corresponding functions and pin configurations.

- **Left and Right Brake Lever:** 2 x Red Female 2 Pin connectors.
- **Accelerator:** Yellow Female 3 Pin connector.
- **Panel (Instrument):** Purple Female 7 Pin connector.
- **Integrated Switch:** Green Female 5 Pin connector.

INSTALLATION

The wiring harness is designed for straightforward installation and replacement. Follow these general steps:

1. **Prepare the Scooter:** Ensure the electric scooter is powered off and the battery is disconnected before beginning any wiring work.
2. **Identify Connections:** Refer to the "Component Function Description" above and the existing wiring on your scooter to identify the corresponding connection points for the brake levers, accelerator, control panel, and integrated switch.
3. **Connect the Harness:** Carefully plug each connector from the new 1T5 wiring harness into its designated port on

the scooter's components. Ensure a firm and secure connection for each plug.

4. **Secure Wiring:** Route the cables neatly and secure them using cable ties or clips to prevent them from interfering with moving parts or getting damaged.
5. **Test Functionality:** Once all connections are made, reconnect the scooter's battery and power it on. Test the functionality of the brakes, accelerator, panel, and switch to ensure everything is working correctly before riding.



Image: Close-up of the waterproof connectors, highlighting their robust design for all-weather performance.

The harness includes additional terminal connectors for specific applications or repairs, as shown below.



Image: The integrated wiring harness displayed alongside three additional terminal connectors.

OPERATION

The SPYMINNPOO 1T5 Integrated Wiring Harness facilitates the electrical connections between various control components of your electric scooter. Once correctly installed, it enables the proper functioning of the brake levers, accelerator, control panel, and integrated switch, allowing for seamless operation of the scooter's motor drive system.

MAINTENANCE

- Periodically inspect the wiring harness for any signs of wear, fraying, or damage.
- Ensure all connectors remain securely plugged in. Loose connections can lead to intermittent functionality.
- Keep the harness clean and free from dirt, dust, and moisture. Wipe with a dry cloth if necessary.
- Avoid exposing the harness to extreme temperatures or harsh chemicals.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Scooter not powering on or intermittent power.	Loose connection, damaged wire, or incorrect installation.	Check all harness connections for tightness. Inspect wires for visible damage. Re-verify installation steps.
Brakes, accelerator, or panel not responding.	Specific connector loose or incorrectly plugged in.	Ensure the corresponding 2-pin (brakes), 3-pin (accelerator), or 7-pin (panel) connector is securely attached.
Water ingress or corrosion on connectors.	Improper sealing or extreme exposure.	While the connectors are waterproof, ensure they are fully seated. Clean any corrosion carefully and ensure proper drying.

SPECIFICATIONS

Feature	Detail
Item Type	Electric Scooter 1T5 Cable
Material	Copper Core Wire
Weight (Approx.)	110g / 3.9oz
Model Number	SPYMINNPOOmx5s97p04d
Connector Type	2-Pin (Brake), 3-Pin (Accelerator), 7-Pin (Panel), 5-Pin (Switch)
Cable Type	Integrated Wiring Harness
Compatible Devices	Electric Scooter
Special Feature	Waterproof Connectors

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact SPYMINNPOO customer service through your retailer. Keep your purchase receipt for warranty claims.

