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› Standard Motor Products S617 Pigtail/Socket User Manual

Standard Motor Products S617

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Model: S617

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the Standard Motor Products S617 Pigtail/Socket. Please read this manual thoroughly before attempting any installation or service to ensure safe and effective use of the product. Retain this manual for future reference.

2. PRODUCT OVERVIEW

The Standard Motor Products S617 is a high-quality pigtail/socket designed for specific automotive electrical connections. It ensures reliable power transmission and signal integrity within your vehicle's electrical system. This component is engineered to meet or exceed OEM specifications for fit, form, and function.

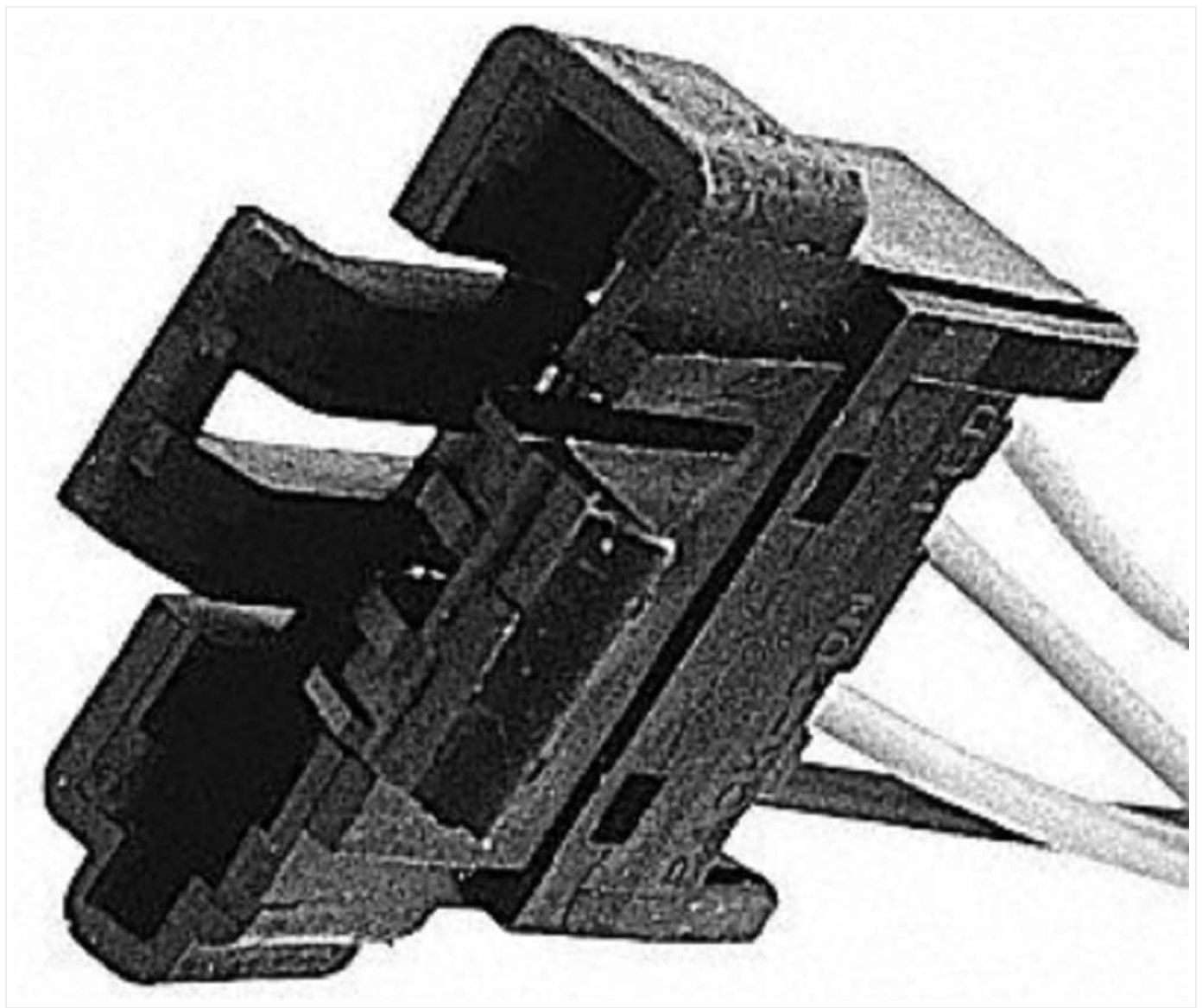


Figure 2.1: Standard Motor Products S617 Pigtail/Socket. This image displays the black plastic housing of the pigtail/socket with several white wires extending from one end, indicating its electrical connection purpose.

Key Features:

- Part Number: S617
- Fit Type: Vehicle Specific, ensuring precise compatibility with designated vehicle models.
- Lightweight design: Approximately 0.100 pounds (package weight).
- Country of Origin: China.

3. SAFETY INFORMATION

Always observe the following safety precautions when working with automotive electrical components:

- **Disconnect Battery:** Before beginning any electrical work, always disconnect the vehicle's negative battery terminal to prevent accidental short circuits or electrical shock.
- **Wear Protective Gear:** Use appropriate personal protective equipment, including safety glasses and gloves.
- **Consult Vehicle Manual:** Refer to your vehicle's service manual for specific wiring diagrams and procedures.
- **Professional Installation Recommended:** If you are unsure about any step, seek assistance from a qualified automotive technician.
- **Inspect Components:** Before installation, inspect the pigtail/socket for any signs of damage or defects. Do not install damaged parts.

4. SETUP AND INSTALLATION

The S617 Pigtail/Socket is designed for direct replacement or repair in compatible vehicle applications. Follow these general steps for installation:

1. **Preparation:** Ensure the vehicle's ignition is off and the negative battery terminal is disconnected. Identify the location of the existing pigtail/socket that needs replacement.
2. **Access:** Depending on the application, you may need to remove trim panels, covers, or other components to gain access to the wiring and existing socket.
3. **Removal of Old Component:** Carefully disconnect the old pigtail/socket from its mating connector and remove it from its mounting location. Note the wiring configuration if you are splicing wires.
4. **Installation of New Component:**
 - If replacing a direct plug-and-play unit, simply connect the new S617 pigtail/socket to the vehicle's existing harness connector. Ensure it clicks securely into place.
 - If splicing wires, match the wires of the new S617 pigtail/socket to the corresponding wires on the vehicle's harness. Use appropriate crimp connectors or solder connections, and insulate them with heat shrink tubing or electrical tape. Ensure polarity is correct.
5. **Secure Mounting:** Mount the new pigtail/socket securely in its intended location, ensuring it is free from excessive tension or abrasion.
6. **Reassembly:** Reinstall any removed trim panels or components.
7. **Reconnect Battery:** Reconnect the negative battery terminal.
8. **Test Functionality:** Test the electrical component connected to the pigtail/socket to ensure proper operation.

5. OPERATING (POST-INSTALLATION CHECK)

Once the S617 Pigtail/Socket is installed, its operation is passive, serving as a connection point for an electrical component. Proper operation is confirmed by the functionality of the component it powers or connects to.

- After installation, turn on the vehicle's ignition and activate the system or component that the S617 Pigtail/Socket is part of (e.g., lights, sensors, motors).
- Verify that the component functions as expected.
- Listen for any unusual noises or observe any warning lights that might indicate an issue.

6. MAINTENANCE

The Standard Motor Products S617 Pigtail/Socket requires minimal maintenance. Regular inspection is recommended to ensure continued reliability.

- **Periodic Inspection:** During routine vehicle maintenance, visually inspect the pigtail/socket and its connections for any signs of corrosion, fraying wires, loose connections, or physical damage.
- **Cleaning:** If necessary, gently clean the exterior of the pigtail/socket with a dry, lint-free cloth. Avoid using harsh chemicals or solvents.
- **Secure Connections:** Ensure all connections remain tight and secure.
- **Address Issues Promptly:** If any issues are observed, address them immediately to prevent further damage to the electrical system.

7. TROUBLESHOOTING

If the component connected to the S617 Pigtail/Socket is not functioning correctly after installation, consider the following

troubleshooting steps:

Problem	Possible Cause	Solution
Component not working (e.g., light not illuminating)	Loose or incorrect connection	Check all connections for tightness and correct wiring. Inspect wires for cuts, pinches, or corrosion.
	Damaged wiring	Check the relevant fuse in the vehicle's fuse box and replace if necessary.
	Blown fuse	Test the component directly if possible.
	Faulty component itself	Verify the S617 is the correct part for your vehicle and application.
Intermittent operation	Incorrect pigtail/socket application	
	Loose connection	Ensure connections are fully seated and locked.
	Corrosion at terminals	Clean any corrosion from terminals using a suitable electrical contact cleaner.
	Vibration causing disconnections	Secure the pigtail/socket and wiring to prevent movement.

If troubleshooting steps do not resolve the issue, it is recommended to consult a qualified automotive technician.

8. SPECIFICATIONS

Attribute	Detail
Brand	Standard Motor Products
Model Number	S617
Manufacturer Part Number	S617
ASIN	B000C81T3W
UPC	091769144548
Global Trade Identification Number (GTIN)	00091769144548
Item Weight	1.6 ounces (approx. 0.1 pounds)
Product Dimensions (L x W x H)	4 x 1.75 x 4.06 inches
Fit Type	Vehicle Specific
Country of Origin	China

9. WARRANTY AND SUPPORT

Specific warranty information for the Standard Motor Products S617 Pigtail/Socket is not provided within this manual. For details regarding product warranty, returns, or technical support, please refer to the official Standard Motor Products website or contact their customer service directly.

When contacting support, please have your product model number (S617) and any purchase information readily available.

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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