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› Standard Motor Products Double Contact (HP3805) Instruction Manual

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Model: HP3805

PRODUCT OVERVIEW

Product Description

The Standard Motor Products Double Contact (HP3805) is a replacement part designed for motor vehicles. Standard Motor Products, Inc. (SMP) is a manufacturer, distributor, and marketer of replacement parts for the automotive aftermarket industry, with a focus on heavy duty, industrial equipment, and original equipment markets.

Key Features

- Designed to deliver trouble-free, consistent performance.
- Manufactured from high-quality materials for ultimate durability.
- Meets or exceeds strict quality requirements.
- Suitable for specific vehicle applications.

INSTALLATION (SETUP)

Proper installation of automotive electrical components is crucial for safety and optimal performance. It is recommended that installation be performed by a qualified automotive technician.

- Safety First:** Before beginning any work, ensure the vehicle's ignition is off and the battery's negative terminal is disconnected to prevent electrical shock or damage to the vehicle's electrical system.
- Locate the Component:** Identify the existing double contact component that needs replacement. Refer to your vehicle's service manual for the exact location.
- Disconnect Wiring:** Carefully disconnect any wiring harnesses or connectors attached to the old component. Note the orientation and connection points if necessary.
- Remove Old Component:** Unfasten and remove the old double contact. This may involve releasing clips or unscrewing fasteners.
- Install New Component:** Position the new Standard Motor Products Double Contact (HP3805) in the correct orientation. Secure it firmly using the original clips or fasteners.
- Reconnect Wiring:** Reconnect all wiring harnesses and connectors to the new component, ensuring a secure and proper fit.

7. **Reconnect Battery:** Reconnect the vehicle's negative battery terminal.
8. **Test Functionality:** Turn on the vehicle's ignition and test the functionality of the system connected to the double contact to ensure it operates correctly.

Note: Always consult your vehicle's specific repair manual for detailed instructions and safety precautions.



Figure 1: Side view of the Standard Motor Products Double Contact (HP3805), showing the main body and connector ends.

OPERATION

The Standard Motor Products Double Contact (HP3805) functions as an electrical connector or socket within a vehicle's electrical system. Its operation is passive, meaning it facilitates the flow of electrical current to a connected component, such as a bulb or sensor, rather than performing an active function itself.

- Once installed, the double contact provides a secure and reliable electrical connection for the intended component.
- It ensures proper current delivery and signal transmission within the circuit.
- The design allows for easy insertion and removal of the mating component while maintaining a stable connection during vehicle operation.

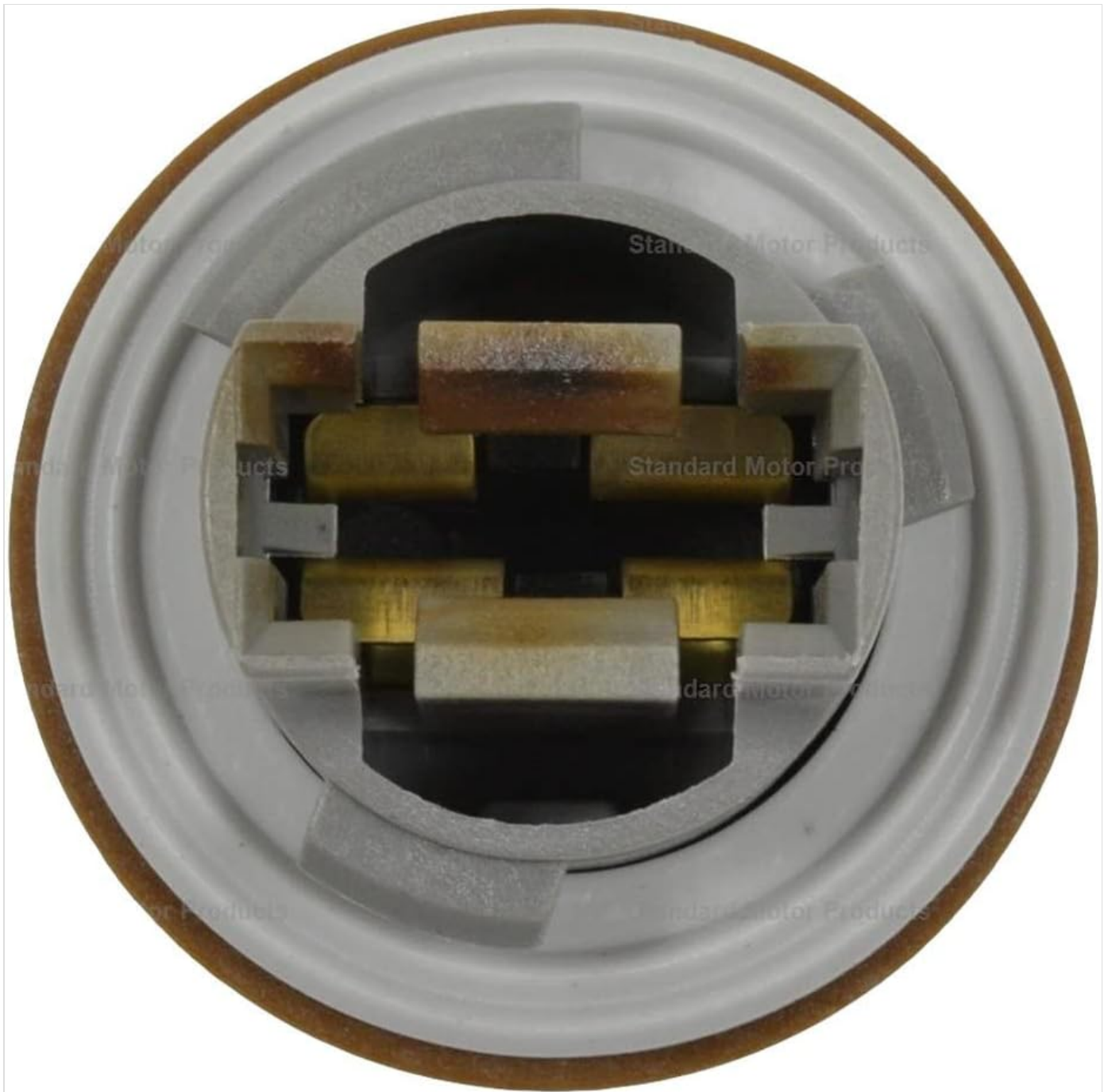


Figure 2: Internal view of the Standard Motor Products Double Contact (HP3805), showing the electrical contact points.

MAINTENANCE

The Double Contact (HP3805) is designed for durability and typically requires minimal maintenance. However, periodic inspection can help ensure its longevity and reliable performance.

- **Visual Inspection:** Periodically inspect the contact for any signs of physical damage, such as cracks, corrosion, or melted plastic, especially if you are performing other maintenance on the vehicle's electrical system.
- **Connection Integrity:** Ensure that the wiring harness connected to the double contact is secure and free from fraying or damage.
- **Cleanliness:** If accessible, ensure the contact points are clean and free of dirt, dust, or moisture. Use a non-conductive electrical contact cleaner if necessary, ensuring the area is dry before reconnecting power.
- **Avoid Force:** When connecting or disconnecting components, avoid excessive force that could damage the contact pins or the housing.



Figure 3: External view of the Standard Motor Products Double Contact (HP3805), showing the connector pins.

TROUBLESHOOTING

If the component connected to the Double Contact (HP3805) is not functioning as expected, consider the following troubleshooting steps:

- **No Power/Intermittent Function:**

- Check the wiring harness connected to the double contact for loose connections, corrosion, or damage.
- Inspect the contact pins within the HP3805 for bending, corrosion, or debris that might impede electrical flow.
- Verify that the mating component (e.g., bulb, sensor) is correctly seated and its pins are clean and intact.
- Test the circuit for continuity and proper voltage using a multimeter, if you have the necessary expertise and tools.

- **Physical Damage:**

- If the housing of the double contact is cracked, melted, or otherwise physically damaged, it should be

replaced.

If troubleshooting does not resolve the issue, it is advisable to consult a professional automotive technician for diagnosis and repair.

SPECIFICATIONS

Attribute	Detail
Manufacturer	Standard Motor Products
Brand	Standard Motor Products
Model	Double Contact
Item Model Number	HP3805
Item Weight	1 pounds
Product Dimensions	2 x 3 x 5 inches
Exterior	Machined
ASIN	B006X0D990
Date First Available	January 13, 2012

WARRANTY INFORMATION

Specific warranty details for the Standard Motor Products Double Contact (HP3805) are provided by the manufacturer. Please refer to the official Standard Motor Products website or contact their customer service for comprehensive warranty terms and conditions.

It is important to retain your proof of purchase for any warranty claims.

CUSTOMER SUPPORT

For technical assistance, product inquiries, or support regarding the Standard Motor Products Double Contact (HP3805), please contact Standard Motor Products directly.

- **Manufacturer Website:** Visit the official Standard Motor Products website for product information and support resources.
- **Contact Information:** Refer to the manufacturer's website for current customer service contact details, including phone numbers and email addresses.
- **Seller Support:** If purchased from a specific retailer, you may also contact the seller for assistance with your order.

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