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› Standard Motor Products 6915 Ignition Wire Set User Manual

Standard Motor Products 6915

Standard Motor Products 6915 Ignition Wire Set

User Instruction Manual

INTRODUCTION

This manual provides comprehensive instructions for the installation, maintenance, and troubleshooting of the Standard Motor Products 6915 Ignition Wire Set. This product is an original equipment replacement spark plug wire set, designed for a tailor fit to restore efficiency and performance in your vehicle's ignition system. Please read this manual thoroughly before beginning any work.



Image: The Standard Motor Products 6915 Ignition Wire Set, featuring multiple ignition wires with their respective boots and terminals, arranged in a circular pattern. These wires are crucial for delivering electrical current from the ignition coil to the spark plugs.

SAFETY INFORMATION

Always prioritize safety when working on your vehicle. Failure to follow safety precautions can result in injury or damage to the vehicle.

- Ensure the vehicle's engine is off and cool before beginning any work.
- Disconnect the negative terminal of the vehicle's battery to prevent accidental electrical discharge.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Keep all ignition components away from open flames or sources of high heat.
- If unsure about any step, consult a qualified automotive technician.

PACKAGE CONTENTS

Verify that all components are present and undamaged upon opening the package.

- One (1) Standard Motor Products 6915 Ignition Wire Set (complete set of spark plug wires)

Note: The exact number of wires in the set will correspond to the number of cylinders in the vehicle's engine for which this

set is designed.

SETUP AND INSTALLATION

Proper installation is critical for optimal performance and longevity of the ignition wire set. Follow these steps carefully:

1. **Preparation:** Park the vehicle on a level surface and engage the parking brake. Allow the engine to cool completely. Disconnect the negative battery cable.
2. **Identify Wires:** Note the routing and length of each existing spark plug wire. It is highly recommended to replace one wire at a time to maintain correct firing order.
3. **Remove Old Wires:** Gently twist and pull the spark plug boot from the spark plug. Do not pull on the wire itself. Repeat for the distributor cap or coil pack end.
4. **Compare New Wires:** Select a new wire from the 6915 set that matches the length and boot configuration of the wire just removed.
5. **Install New Wires:**
 - Apply a small amount of dielectric grease (not included) to the inside of both spark plug and coil/distributor boots. This aids in installation and prevents moisture intrusion.
 - Push the spark plug boot firmly onto the spark plug until you feel or hear a click, indicating it is fully seated.
 - Route the new wire along the same path as the old wire, securing it with any existing wire looms or clips.
 - Push the coil pack or distributor cap boot firmly onto its terminal until fully seated.
6. **Repeat:** Continue this process, replacing one wire at a time, until all old wires have been replaced with the new Standard Motor Products 6915 wires.
7. **Final Check:** Double-check that all wires are securely connected to both the spark plugs and the coil pack/distributor, and that they are routed correctly to avoid contact with hot or moving engine parts.
8. **Reconnect Battery:** Reconnect the negative battery cable.
9. **Test:** Start the engine and listen for any misfires or unusual noises. If issues persist, refer to the Troubleshooting section.

OPERATING PRINCIPLES

The Standard Motor Products 6915 Ignition Wire Set functions as a critical component in your vehicle's ignition system. These wires are responsible for safely and efficiently transferring high-voltage electricity from the ignition coil (or distributor) to each spark plug. This high voltage creates a spark at the spark plug gap, igniting the air-fuel mixture in the engine's cylinders. Proper operation of these wires ensures consistent spark delivery, leading to optimal engine performance, fuel efficiency, and reduced emissions.

MAINTENANCE

While ignition wire sets are generally low-maintenance, periodic inspection can help identify potential issues before they lead to performance problems.

- **Visual Inspection:** Periodically inspect the wires for signs of wear, cracking, fraying, or damage to the insulation. Check the boots for tears or signs of arcing (burn marks).
- **Cleanliness:** Keep the wires and boots clean and free of oil, grease, and dirt, which can degrade the insulation over time.
- **Routing:** Ensure wires remain properly routed and secured away from hot exhaust components or moving parts.
- **Replacement Interval:** Consult your vehicle's service manual for recommended spark plug wire replacement

intervals. Even if not visibly damaged, wires can degrade internally over time, affecting performance.

TROUBLESHOOTING

If you experience issues after installing the ignition wire set, consider the following common problems and solutions:

Symptom	Possible Cause	Solution
Engine Misfire / Rough Idle	Incorrect wire routing or firing order. Loose connection at spark plug or coil/distributor. Damaged wire.	Verify correct wire routing and firing order. Ensure all boots are fully seated. Inspect wires for damage; replace if necessary.
Reduced Fuel Economy	Degraded wire insulation leading to spark loss.	Inspect wires for arcing or damage. Replace any compromised wires.
Check Engine Light (CEL) with Misfire Codes	Faulty wire or improper installation.	Scan for diagnostic trouble codes (DTCs) to identify the cylinder. Inspect the wire for that cylinder. Re-seat or replace as needed.
Engine Cranks but Won't Start	All wires incorrectly installed or a major ignition component failure (e.g., coil).	Re-check all wire connections. Verify power to the ignition coil. Consult a professional if the issue persists.

For persistent issues not covered here, it is recommended to consult a certified automotive technician.

SPECIFICATIONS

Brand	Standard Motor Products
Model Number	6915
Manufacturer Part Number	6915
Material	Silicone
Item Weight	2.06 pounds (0.93 kg)
Product Dimensions (L x W x H)	6.38 x 4.33 x 9.33 inches (16.2 x 11.0 x 23.7 cm)
Country of Origin	Mexico
UPC	091769229887
ASIN	B000C7SQQ2

WARRANTY INFORMATION

Standard Motor Products offers a limited warranty on its products, covering defects in material and workmanship under normal use and service. Specific warranty terms and conditions may vary. Please retain your proof of purchase. For detailed warranty information, refer to the official Standard Motor Products website or contact their customer support.

CUSTOMER SUPPORT

For technical assistance, product inquiries, or warranty claims, please contact Standard Motor Products customer support

through their official channels. Have your product model number (6915) and purchase information ready when contacting support.

Official Website: www.smpcorp.com (Please note: This is a placeholder URL as the actual support URL is not provided in the input. Users should refer to official product packaging or documentation for precise contact information.)

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