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› ACCEL 9070C Extreme 9000 Spark Plug Wire Set Ceramic Boot

ACCEL 9070C

ACCEL Extreme 9000 Spark Plug Wire Set

Model: **9070C** | Brand: **ACCEL**

Instruction Manual

PRODUCT OVERVIEW

The ACCEL Extreme 9000 Ceramic Spark Plug Wire Set is engineered to provide superior performance and durability, especially in high-temperature environments. These wire sets are designed to eliminate issues like burnt plug-wire boots, common in engine bays with limited space or close proximity to headers.



Image: Complete ACCEL Extreme 9000 Spark Plug Wire Set, including ceramic-coated boots and wire separators.

Key features include ceramic boots capable of withstanding temperatures up to 2,000 degrees Fahrenheit, acting as a heat mirror to reflect infrared energy away from the plug boot. The 8mm Ferro-Spiral core double-silicone wires

ensure maximum energy delivery to the spark plugs, coupled with built-in RFI/EMI suppression for street-driven vehicles. These wires are pre-cut to factory length and rated for 600 degrees Fahrenheit, featuring stainless-steel terminals for reliable connections.

Features:

- **500 Ohms/ft Of Resistance:** Ensures efficient power transfer.
- **600°F Rated Silicone Jacket:** Provides excellent heat resistance for the wire itself.
- **Stainless Steel Plug Terminals:** Offers corrosion resistance and secure connections.
- **RFI Suppression For Street Driven Applications:** Minimizes electromagnetic interference.
- **Custom-fit Universal And Import Coverage:** Designed for a wide range of vehicle applications.
- **Ceramic Coated Boots:** Withstand temperatures up to 2,000°F, preventing boot degradation.

INSTALLATION AND SETUP

Proper installation of your ACCEL Extreme 9000 Spark Plug Wire Set is crucial for optimal performance and longevity. Always ensure the engine is cool before beginning any work on the ignition system.

Tools and Materials Required:

- Spark plug wire removal tool (optional, but recommended)
- Dielectric grease
- Basic hand tools (ratchet, sockets, extensions)
- Clean rags

Installation Steps:

1. **Safety First:** Disconnect the vehicle's battery to prevent accidental electrical discharge.
2. **Identify and Label:** Before removing any wires, identify and label each spark plug wire to ensure correct reinstallation. It is recommended to replace one wire at a time to maintain firing order.
3. **Remove Old Wires:** Grasp the spark plug boot, not the wire, and twist gently while pulling to remove it from the spark plug. Repeat for the distributor cap or coil pack end.
4. **Inspect Spark Plugs:** While the wires are off, it is a good opportunity to inspect your spark plugs for wear or fouling. Replace if necessary.
5. **Prepare New Wires:** Apply a small amount of dielectric grease to the inside of both ends of the new ACCEL ceramic boots. This aids in installation and helps seal out moisture.



Image: Close-up view of the ceramic boots, highlighting their robust construction and angled design for optimal fitment.

6. Install New Wires:

- Push the spark plug end of the new wire firmly onto the spark plug until you feel a positive "snap" or click, indicating it is fully seated.
- Connect the other end of the wire to the corresponding terminal on the distributor cap or coil pack, ensuring a secure connection.
- Verify that the ceramic boot clears any hot engine components, especially exhaust headers. The ceramic material is designed for high heat, but proper routing is still important.

7. **Utilize Wire Separators:** Use the included wire separators (if applicable) to keep the wires organized and prevent them from touching hot engine parts or moving components.



Image: Included wire separators, designed to keep spark plug wires organized and away from heat sources.

8. **Reconnect Battery:** Once all wires are installed and routed correctly, reconnect the vehicle's battery.

9. **Test System:** Start the engine and listen for any misfires or unusual noises. Check for smooth operation.

Note: The ACCEL Extreme 9000 wires are available in both straight and right-angle configurations to accommodate various engine layouts and clearance requirements. Ensure you have the correct configuration for your application.

OPERATION AND PERFORMANCE

Once installed, the ACCEL Extreme 9000 Spark Plug Wire Set operates as a critical component of your vehicle's ignition system, delivering high-voltage current from the ignition coils to the spark plugs. The advanced design ensures consistent and powerful spark delivery, contributing to efficient combustion and engine performance. The primary operational advantage of these wires lies in their extreme heat resistance. The ceramic boots effectively shield the spark plug connection from temperatures up to 2,000°F, preventing common issues like melting, cracking, or burning that can lead to misfires and reduced engine efficiency. The 8mm Ferro-Spiral core minimizes resistance (500 Ohms/ft), ensuring maximum energy reaches the spark plugs, while RFI/EMI suppression prevents interference with vehicle electronics.

MAINTENANCE

The ACCEL Extreme 9000 Spark Plug Wire Set is designed for durability and minimal maintenance. However, periodic inspection can help ensure continued optimal performance.

- **Visual Inspection:** Every 12,000 to 15,000 miles (or annually), visually inspect the entire length of each spark plug wire. Look for any signs of physical damage, such as cuts, abrasions, or excessive bending.
- **Boot Condition:** Pay close attention to the ceramic boots at the spark plug end. While highly heat-resistant, ensure they are free from cracks or chips. The silicone jacket should also be intact.
- **Connection Integrity:** Check that both ends of the wires are securely seated on the spark plugs and the coil pack/distributor. Loose connections can lead to misfires.
- **Cleanliness:** Keep the wires and boots clean from oil, grease, and dirt. A clean cloth can be used to wipe them down. Avoid using harsh chemicals that could degrade the silicone jacket.
- **Routing:** Confirm that the wires remain properly routed and secured away from hot exhaust components, moving parts (like belts or fans), and sharp edges. Re-secure with wire separators if necessary.

With proper installation and occasional inspection, your ACCEL Extreme 9000 Spark Plug Wire Set will provide reliable ignition performance for an extended period.

TROUBLESHOOTING

If you experience issues after installing your ACCEL Extreme 9000 Spark Plug Wire Set, consider the following common troubleshooting steps:

| Problem | Possible Cause | Solution |
|-------------------------------------|---|---|
| Engine Misfire / Rough Idle | <ul style="list-style-type: none">◦ Loose connection at spark plug or coil/distributor.◦ Incorrect wire routing causing contact with hot components.◦ Damaged wire or boot (unlikely with ceramic, but possible from installation).◦ Incorrect firing order. | <ul style="list-style-type: none">◦ Ensure all connections are fully seated with a positive click.◦ Re-route wires away from heat sources and moving parts. Use wire separators.◦ Inspect wires for physical damage. If a ceramic boot is cracked (as mentioned in some reviews), it may need replacement.◦ Double-check the firing order against your vehicle's specifications. |
| Radio Interference (RFI/EMI) | <ul style="list-style-type: none">◦ While these wires have RFI suppression, extreme cases or external factors can cause interference. | <ul style="list-style-type: none">◦ Ensure wires are not routed too close to sensitive electronic components.◦ Verify proper grounding of vehicle components. |
| Difficulty Seating Boots | <ul style="list-style-type: none">◦ Insufficient dielectric grease.◦ Incorrect angle or force during installation. | <ul style="list-style-type: none">◦ Apply a small amount of dielectric grease to the inside of the boot.◦ Ensure the boot is aligned correctly with the spark plug or coil terminal before applying firm, steady pressure. |

If problems persist, it is recommended to consult a qualified automotive technician or contact ACCEL customer support.

SPECIFICATIONS

| Attribute | Detail |
|----------------------------|--|
| Brand | ACCEL |
| Model Number | 9070C |
| Wire Core | 8mm Ferro-Spiral |
| Resistance | 500 Ohms/ft |
| Wire Jacket Rating | 600°F (Silicone) |
| Boot Material | Ceramic |
| Boot Temperature Withstand | Up to 2,000°F |
| RFI/EMI Suppression | Yes |
| Product Dimensions | 3.6 x 9.1 x 9 inches |
| Item Weight | 2.2 pounds |
| Contents | Spark Plug Wire Set, Wire Separators (may vary by kit) |

WARRANTY AND SUPPORT

Specific warranty information for the ACCEL Extreme 9000 Spark Plug Wire Set is typically provided by the manufacturer at the time of purchase or can be found on their official website. It is recommended to retain your proof of purchase for any warranty claims.

For technical support, installation assistance, or warranty inquiries, please refer to the official ACCEL website or contact their customer service department directly. Contact information can usually be found on the product packaging or the manufacturer's website.

Disclaimer: This manual provides general instructions and information. Always refer to your vehicle's specific service manual for detailed procedures and safety precautions. Professional installation is recommended if you are unsure about any steps.