

- Manuals.plus /
- › METER STAR /
- › METER STAR 38-inch Ignitor Wire and Ceramic Electrode Assembly User Manual (Round Pin)

METER STAR round pin

METER STAR 38-inch Ignitor Wire and Ceramic Electrode Assembly User Manual

Model: Round Pin

1. PRODUCT OVERVIEW

The METER STAR 38-inch Ignitor Wire and Ceramic Electrode Assembly is designed as a replacement component for various gas burner ignition systems, including BBQ grills, gas stoves, and ovens. This assembly provides the necessary spark for reliable ignition of gas appliances. The ceramic electrode is designed for durability and the ignitor wire offers flexibility for installation.



Image 1.1: Two METER STAR 38-inch Ignitor Wire and Ceramic Electrode Assemblies. Each assembly consists of a ceramic-insulated electrode connected to a 38-inch wire, terminating in a round pin connector.

2. PRODUCT FEATURES

- **Length:** Each ignitor wire measures 38 inches (approximately 97.5 cm) in length.
- **Electrode Type:** Ceramic electrode for high-temperature resistance and insulation.
- **Connector Type:** Round pin connector, suitable for igniters with a 2mm to 2.5mm inner hole diameter.
- **Flexibility:** The ignition needle head can be carefully bent using pliers to suit specific installation requirements.

- **Package Contents:** Includes 2 ceramic ignition wires and 2 sets of mounting screws.

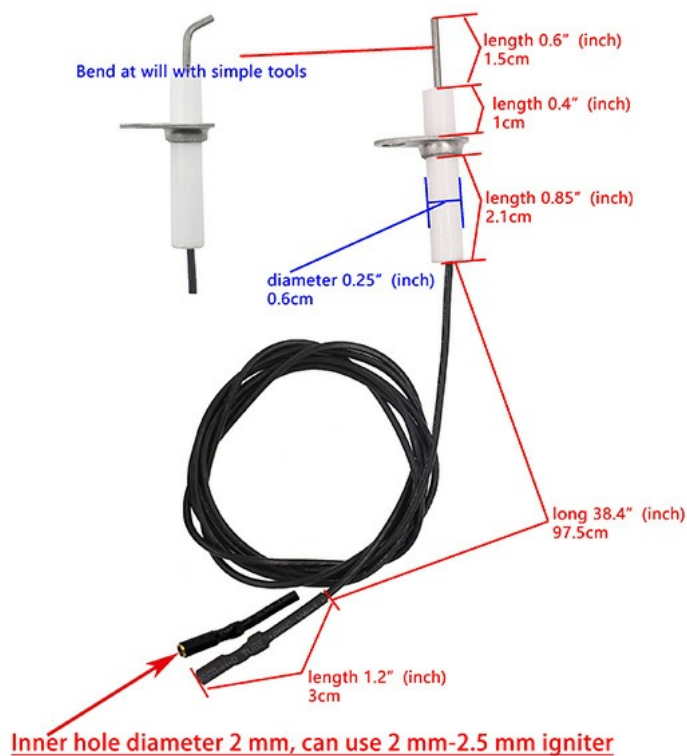


Image 2.1: Diagram illustrating the round pin connector and its approximate 2.4mm diameter, indicating compatibility with various push igniters.

3. SPECIFICATIONS

Package Dimensions	3.5 x 2.28 x 1.02 inches
Item Weight	0.01 ounces
Wire Length	38 inches (approx. 97.5 cm)
Electrode Length (exposed)	0.6 inches (1.5 cm)
Ceramic Body Length	0.85 inches (2.1 cm)
Ceramic Body Diameter	0.25 inches (0.6 cm)
Connector Type	Round Pin (2mm - 2.5mm igniter compatibility)

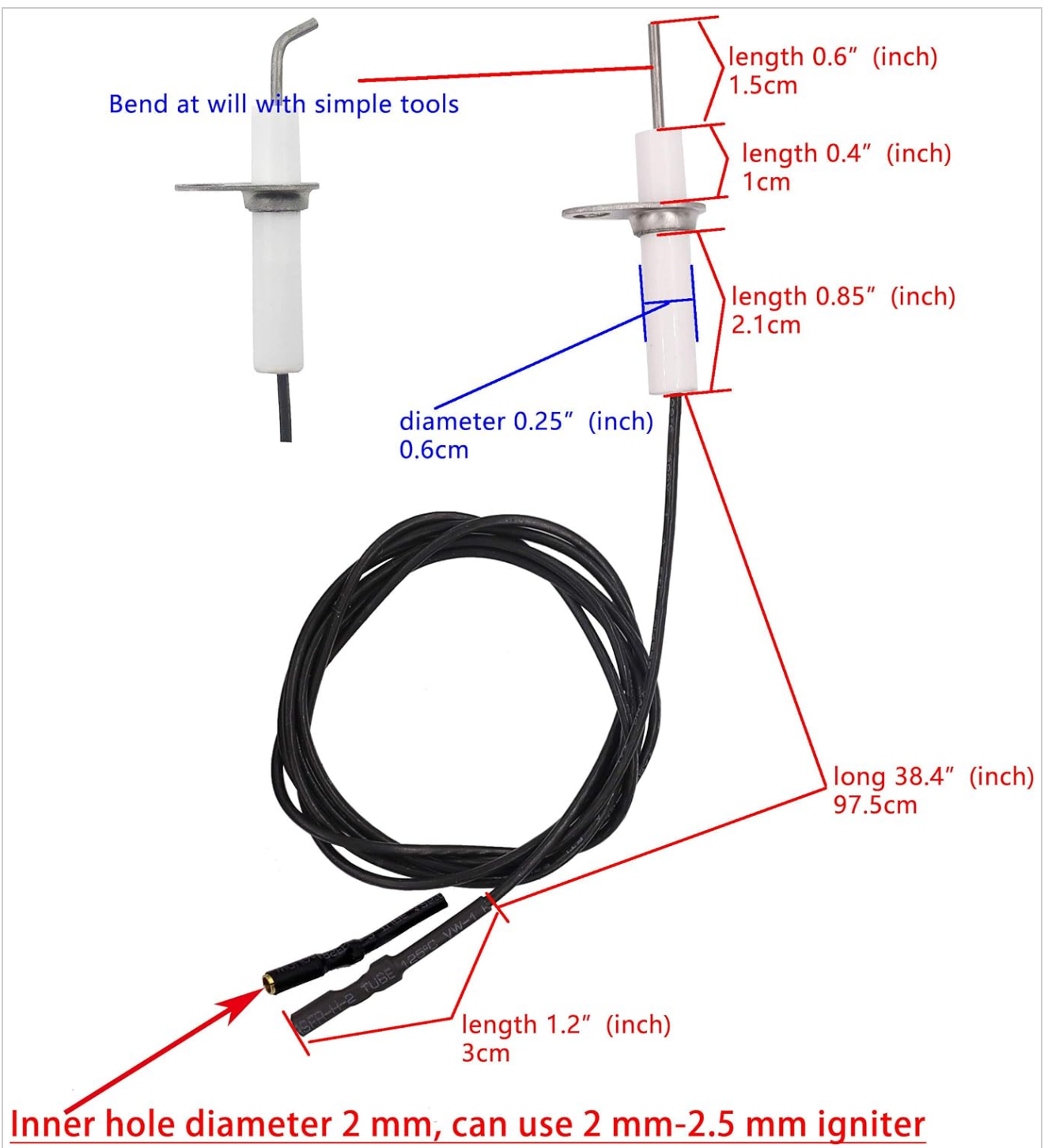


Image 3.1: Detailed dimensional drawing of the ignitor wire and ceramic electrode, including lengths for the exposed electrode, ceramic body, and overall wire, as well as the connector dimensions.

4. INSTALLATION INSTRUCTIONS

Before beginning installation, ensure the appliance is completely turned off and disconnected from its power source and gas supply. Safety precautions should always be followed when working with gas appliances.

1. **Access the Ignitor:** Locate and access the existing ignitor assembly on your gas appliance. This may require disassembling certain parts of the grill or stove.
2. **Remove Old Ignitor:** Carefully disconnect the old ignitor wire from the igniter unit and remove the ceramic electrode assembly from its mounting bracket. Note how the old ignitor was positioned.
3. **Prepare New Ignitor:** If necessary, use pliers to carefully bend the metal tip of the new ceramic electrode to match the angle and position of the original electrode, ensuring it will be correctly positioned relative to the gas

burner for optimal spark. Refer to Image 3.1 for bending guidance.

4. **Mount New Electrode:** Install the new ceramic electrode assembly into the appliance's mounting bracket using the provided screws. Ensure it is securely fastened and positioned correctly.
5. **Connect Wire:** Connect the round pin end of the new igniter wire to the igniter unit. The connection is typically made by pressing the wire onto the igniter's terminal. Verify that the igniter unit has a compatible 2mm to 2.5mm diameter input for the round pin.
6. **Test Connection:** Before reassembling the appliance, temporarily reconnect power and gas (if safe to do so) and test for a spark. Observe if the spark occurs at the tip of the electrode.
7. **Reassemble:** Once proper function is confirmed, reassemble any parts of the appliance that were removed.



Image 4.1: Example of a METER STAR igniter wire connected to a gas grill's igniter button, demonstrating the universal compatibility for various gas appliances.

5. OPERATION

Once the METER STAR igniter wire and ceramic electrode assembly is correctly installed, its operation is integrated with your appliance's existing ignition system. To ignite your appliance:

1. Ensure the gas supply to the appliance is open.
2. Activate the igniter button or knob on your appliance according to its specific operating instructions.
3. The igniter wire will transmit the electrical pulse to the ceramic electrode, creating a spark that ignites the gas.

If the appliance does not ignite, refer to the Troubleshooting section.

6. MAINTENANCE

Regular inspection and cleaning can extend the lifespan and ensure reliable performance of your ignitor assembly.

- **Visual Inspection:** Periodically inspect the ceramic electrode for cracks, chips, or excessive carbon buildup.

Check the wire for any signs of fraying, cuts, or damage to the insulation.

- **Cleaning:** If carbon buildup is present on the electrode, gently clean it with a soft brush or fine-grit sandpaper. Avoid harsh chemicals that could damage the ceramic.
- **Connection Check:** Ensure the wire connection to the igniter unit remains secure.
- **Replacement:** Replace the ignitor assembly if the ceramic is cracked, the wire is damaged, or if consistent ignition failures occur despite cleaning and proper connection.

7. TROUBLESHOOTING

If you experience issues with your METER STAR ignitor assembly, consider the following troubleshooting steps:

- **No Spark:**
 - Verify the ignitor wire is securely connected to the igniter unit.
 - Inspect the ceramic electrode for cracks or damage. A cracked ceramic can cause the spark to arc elsewhere instead of at the tip.
 - Check for excessive carbon buildup on the electrode tip, which can prevent a proper spark. Clean if necessary.
 - Ensure the igniter unit itself is functioning correctly.
- **Weak or Inconsistent Spark:**
 - Clean the electrode tip.
 - Ensure the electrode tip is positioned correctly relative to the gas port for optimal ignition. Adjust bending if needed.
 - Check for any loose connections in the ignitor circuit.
- **Ignitor Does Not Fit:**
 - Confirm the dimensions of the METER STAR ignitor assembly (refer to Image 3.1) against your appliance's requirements.
 - Ensure the connector type (round pin) is compatible with your igniter unit.
 - The electrode tip can be bent to accommodate different appliance designs, but the overall length and ceramic body dimensions are fixed.

8. WARRANTY AND SUPPORT

METER STAR provides a quality assurance for this product. If any quality problem arises within one year of normal use, customers may contact customer service for a free replacement of new products.

For further assistance or inquiries, please refer to the METER STAR store or contact their customer support channels.

Visit the official [METER STAR Store](#).

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

Open the live page

<https://manuals.plus/asin/B0834KZ6RJ>

More documents and user manuals: **<https://manuals.plus/>**