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> [YIHAM KB890 Gas Grill Replacement Tube Burner Instruction Manual](#)

## YIHAM KB890

# YIHAM KB890 Gas Grill Replacement Tube Burner Instruction Manual

Model: KB890

## 1. INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of your YIHAM KB890 Gas Grill Replacement Tube Burners. These burners are designed to restore optimal performance to your gas grill, ensuring even heat distribution and efficient cooking. Please read this manual thoroughly before proceeding with installation or use.

## 2. PRODUCT OVERVIEW AND FEATURES

The YIHAM KB890 Gas Grill Replacement Tube Burners are constructed from durable stainless steel, designed for longevity and consistent performance. Each set includes four burner tubes, measuring 14 3/8 inches in length.



**Image 2.1:** A set of four YIHAM KB890 stainless steel gas grill replacement tube burners, showcasing their design and material.

### Key Features:

- **Material:** High-quality stainless steel for durability and corrosion resistance.
- **Dimensions:** Each burner measures 14 3/8 inches in length.
- **Adjustable Air Shutters:** Allows for fine-tuning of the air-to-gas mixture for optimal flame performance.
- **Smooth Interior:** Designed with a smooth interior pipe to ensure efficient gas flow and even heat distribution.



**Image 2.2:** A diagram illustrating the precise 14 3/8 inch length of the YIHAM KB890 replacement burner tube.

### Compatibility:

These replacement tube burners are compatible with a wide range of gas grill models. It is crucial to measure your existing burner tubes before ordering to ensure a correct fit, as grill models can vary. Compatible models include, but are not limited to:

- **Char-Broil Models:** 461442114, 463226514, 463230510, 463230511, 463230512, 463230513, 463230514, 463230515, 463230710, 463234511, 463234512, 463234513, 463235214,

463235513, 463235714, 463239915, 463320107, 463320109, 463320110, 463320707, 463420107, 463420507, 463420508, 463420509, 463420510, 463420511, 463440109, 463440109B, 463441312, 463441412, 463441512, 463441513, 463441514, 463460708, 463460710, 463461613, 463461614, 463470109, 463631410, 463631411, 466420909, 466420911, 4736232307.

- **Kenmore Models:** 122.16119, 122.16129, 122.16431010, 16113, 16115, 16117, 16123, 16537, 415.16113, 415.16114010, 415.16115, 415.16117, 415.16123, 415.16123801, 415.16125, 415.16127, 415.16128010, 415.16537900, 415.90111110, 640-122390-115, 640-641215405, 720-0549, D02M90220.
- **Master Chef Models:** 85-3008-4, 85-3009-2, 85-3100-2, 85-3101-0, G43205, T420LP, T480, T620LP, T620NG.
- **Members Mark Models:** 720-0582B, 720-0691A, 720-0778C, 730-0778C, 720-0778A.
- **Nexgrill Models:** 720-0439, 720-0549, 720-0582B, 720-0649, 720-0670E, 720-0691A, 720-0718A, 720-0718B, 720-0718C, 720-0718N, 720-0778A, 720-0778C.
- **Other Compatible Models:** Thermos 463322012, 461442114, C-34GS; Uberhaus 780-0003; Kirkland 720-0439; Duro 740-3003-BI, 740-3003; Grill Master 720-0670E; Sams Club 720-0691A, 720-0582B; K Mart 640-641215405.

**Always measure your original parts before ordering to ensure compatibility.**

### 3. SETUP AND INSTALLATION

Follow these steps to safely install your new YIHAM KB890 replacement tube burners. It is recommended to wear protective gloves during installation.

#### Safety Precautions:

- Ensure the grill is completely cool and all control knobs are in the OFF position.
- Disconnect the gas supply (turn off the gas tank valve and disconnect the regulator).
- Wear appropriate safety gear, such as gloves, to protect your hands from sharp edges or rust.

#### Installation Steps:

1. **Remove Grill Components:** Open the grill lid. Carefully remove the cooking grates, heat tents (also known as flame tamers or burner covers), and any other internal components to expose the old burner tubes.
2. **Remove Old Burner Tubes:** Locate the screws or pins securing the old burner tubes. Unscrew or unclip them and carefully lift out the old burners. Note how they connect to the gas valves at the back or side of the firebox.
3. **Clean the Firebox:** While the grill is disassembled, clean any debris, grease, or rust from the firebox interior.
4. **Install New Burner Tubes:** Position the new YIHAM KB890 burner tubes. Ensure the end with the air shutter aligns correctly with the gas valve orifice. The other end should rest securely in its mounting bracket.
5. **Secure Burner Tubes:** Fasten the new burner tubes using the existing screws or new hardware if provided. Ensure they are stable and properly seated.
6. **Reassemble Grill:** Replace the heat tents/flame tamers over the new burners, followed by the cooking grates.

7. **Reconnect Gas Supply:** Reconnect the gas regulator to the gas tank and slowly open the gas valve. Check for any gas leaks using a soapy water solution (bubbles indicate a leak).

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**Video 3.1:** An official YIHAM video demonstrating the installation process of 14 3/8 inch grill burner tubes, showing how to replace old burners with new ones and achieve proper flame distribution.



**Image 3.1:** YIHAM KB890 burner tubes correctly installed in a gas grill, demonstrating even blue flames across the burners.

## 4. OPERATING INSTRUCTIONS

After successful installation, follow your grill's manufacturer instructions for lighting and operation. The YIHAM KB890 burners are designed to provide consistent heat for optimal grilling.

### Lighting the Grill:

1. Ensure the gas tank valve is fully open.
2. Open the grill lid.
3. Turn one burner control knob to the HIGH/LIGHT position.
4. Press the igniter button (if your grill has one) or use a long-stem lighter to ignite the burner.
5. Once the first burner is lit, turn on adjacent burners.
6. Close the lid and allow the grill to preheat to the desired temperature.

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**Video 4.1:** A video demonstrating the features of a grill burner, including the smooth interior pipe for efficient heat and the ease of adjustment for optimal flame.

## Adjusting Air Shutters:

The burner tubes feature adjustable air shutters. If you notice an uneven flame or a flame that is too yellow or too blue, you may need to adjust the air shutter. This typically involves loosening a screw on the shutter and rotating it to allow more or less air into the burner tube, then re-tightening the screw. Adjustments should be made in small increments until the flame is predominantly blue with small yellow tips.

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**Video 4.2:** A video showcasing the adjustable air shutters on a grill burner, demonstrating how to fine-tune the air intake for optimal flame performance.

## 5. MAINTENANCE

Regular maintenance of your burner tubes will extend their lifespan and ensure consistent grilling performance.

- **Regular Cleaning:** After each use, once the grill is cool, brush off any food debris from the burner tubes. Periodically, remove the burners and clean them thoroughly with a grill brush or a soft cloth and mild soapy water. Ensure all burner ports are clear of blockages.
- **Inspect for Damage:** Regularly inspect the burner tubes for signs of corrosion, cracks, or excessive wear. Replace any damaged burners promptly to maintain safety and performance.
- **Clear Obstructions:** Use a thin wire or paperclip to clear any clogged burner ports. This ensures even gas flow and prevents flare-ups.

## 6. TROUBLESHOOTING

If you encounter issues with your grill after installing the new burner tubes, refer to the following common troubleshooting tips:

- **Uneven Flames or Yellow/Orange Flames:**
  - Check if the air shutters are properly adjusted (refer to Section 4).
  - Ensure burner ports are not clogged with food debris or grease. Clean as necessary.
  - Verify that the burner tube is correctly seated over the gas valve orifice.
- **Burner Not Lighting:**
  - Confirm the gas tank valve is fully open and there is gas in the tank.
  - Check for proper connection of the igniter electrode to the burner tube. Some grill models may require minor adjustments or specific hardware for igniter attachment.
  - Ensure the gas valve orifice is clear.
- **Low Heat Output:**
  - Check for proper gas flow from the tank and regulator.
  - Ensure all burner ports are clear.

If issues persist, consult your grill's original instruction manual or contact the grill manufacturer for further assistance.

## 7. SPECIFICATIONS

Attribute	Detail
Model Number	KB890
Material	Stainless Steel
Dimensions (each burner)	14 3/8 inches (length) x 1 inch (width/height, approximate)
Package Dimensions	14.53 x 4.41 x 1.5 inches
Item Weight	1.26 pounds
Manufacturer	HANEE (Brand: YIHAM)

## 8. WARRANTY AND SUPPORT

Specific warranty information for the YIHAM KB890 Gas Grill Replacement Tube Burners is not provided in this manual. Please refer to the product packaging or contact the retailer or manufacturer directly for warranty details and customer support.

For general inquiries or assistance, you may visit the [YIHAM Store on Amazon](#).