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## Lincoln Electric KH720

# Lincoln Electric KH720 Wire Feed Welder Spindle Adaptor Instruction Manual

Model: KH720

## 1. INTRODUCTION

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This manual provides essential information for the safe and effective use of the Lincoln Electric KH720 Wire Feed Welder Spindle Adaptor. This adaptor is designed to allow compatible Lincoln Electric wire feed welders to utilize larger wire spools, typically 10 or 11 lb (4.5 or 5 kg) spools, which are often more economical and require less frequent replacement than smaller spools. Please read this manual thoroughly before installation and operation to ensure proper function and safety.

## 2. SAFETY INFORMATION

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Always observe general welding safety precautions when working with welding equipment and accessories. This adaptor itself does not pose electrical hazards, but its installation and use are part of a welding system. Ensure the welder is disconnected from the power source before installing or removing the spindle adaptor or wire spools. Wear appropriate personal protective equipment (PPE) such as welding gloves and eye protection when handling welding wire and components. Keep hands clear of moving parts during operation.

## 3. PACKAGE CONTENTS

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Upon opening the package, verify that all components are present and undamaged. The Lincoln Electric KH720 Spindle Adaptor package should contain:

- 1 x Lincoln Electric KH720 Wire Feed Welder Spindle Adaptor

If any items are missing or damaged, contact your supplier or Lincoln Electric customer service immediately.

## 4. PRODUCT OVERVIEW

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The KH720 Spindle Adaptor is a crucial accessory for expanding the wire spool capacity of your Lincoln Electric wire feed welder. It is designed for easy installation and secure retention of larger wire spools, ensuring a consistent and reliable wire feed during welding operations.



**Figure 4.1:** Top view of the Lincoln Electric KH720 Spindle Adaptor, showing the internal wire spool support structure.



**Figure 4.2:** Side view of the Lincoln Electric KH720 Spindle Adaptor, illustrating its cylindrical form and mounting tabs.



Figure 4.3: Bottom view of the Lincoln Electric KH720 Spindle Adaptor, highlighting the base and attachment points.

## 5. SETUP AND INSTALLATION

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Follow these steps to properly install the KH720 Spindle Adaptor onto your compatible Lincoln Electric wire feed welder:

1. **Power Disconnection:** Ensure your wire feed welder is completely disconnected from the main power supply before beginning installation.
2. **Access Spool Compartment:** Open the wire spool compartment of your welder. Refer to your welder's instruction manual for specific access procedures.
3. **Remove Existing Spool (if any):** If a smaller wire spool is currently installed, carefully remove it from the spindle.
4. **Install Adaptor:** Place the KH720 Spindle Adaptor onto the existing spindle of your welder. The adaptor is designed to fit snugly over the standard spindle. Ensure it is seated correctly and securely.
5. **Verify Fit:** Gently try to rotate the adaptor to ensure it is firmly in place and does not wobble excessively.
6. **Proceed to Wire Spool Loading:** Once the adaptor is installed, you can proceed to load a larger wire spool as described in the "Operating Instructions" section.

## 6. OPERATING INSTRUCTIONS

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After installing the KH720 Spindle Adaptor, follow these steps to load a larger wire spool:

1. **Select Wire Spool:** Choose a compatible 10 or 11 lb (4.5 or 5 kg) wire spool. Ensure the wire type and diameter are appropriate for your welding application and welder settings.
2. **Load Spool onto Adaptor:** Carefully place the larger wire spool onto the installed KH720 Spindle Adaptor. The spool should fit over the adaptor's central hub and rest securely.
3. **Secure Spool:** Depending on your welder model, there may be a retaining clip or nut to secure the wire spool. Ensure the spool is properly secured to prevent it from coming loose during operation.
4. **Feed Wire:** Thread the welding wire through the welder's wire feed mechanism according to your welder's instruction manual. Ensure the wire feeds smoothly without kinks or excessive tension.

5. **Close Compartment:** Close the wire spool compartment door securely.
6. **Restore Power:** Reconnect your welder to the power supply and proceed with your welding tasks as usual.

## 7. MAINTENANCE

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The KH720 Spindle Adaptor requires minimal maintenance. Regular inspection and cleaning will ensure its longevity and proper function:

- **Inspection:** Periodically inspect the adaptor for any signs of wear, cracks, or damage. Ensure the mounting tabs and central hub are intact.
- **Cleaning:** If dust or debris accumulates on the adaptor, wipe it clean with a dry, lint-free cloth. Avoid using harsh chemicals or solvents.
- **Storage:** When not in use, store the adaptor in a clean, dry environment, away from direct sunlight and extreme temperatures.

## 8. TROUBLESHOOTING

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If you encounter issues with the KH720 Spindle Adaptor, consider the following common problems and solutions:

- **Adaptor does not fit:**
  - Ensure the adaptor is correctly oriented and aligned with the welder's spindle.
  - Verify that your welder model is compatible with the KH720 adaptor. Refer to your welder's manual or Lincoln Electric's product compatibility information.
- **Wire spool wobbles on adaptor:**
  - Ensure the adaptor is fully seated on the welder's spindle.
  - Confirm the wire spool is correctly placed on the adaptor and any retaining clips or nuts are tightened.
  - Check if the wire spool itself is damaged or has an irregular core.
- **Wire feed issues (e.g., jamming, inconsistent feed):**
  - While not directly caused by the adaptor, ensure the wire spool rotates freely on the adaptor without excessive drag or binding.
  - Check other components of the wire feed system (drive rollers, liner, contact tip) as per your welder's manual.

If problems persist, contact Lincoln Electric customer support for assistance.

## 9. SPECIFICATIONS

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Feature	Detail
Model Number	KH720
Part Number	KH720
Manufacturer	Lincoln Electric
Item Weight	2.4 ounces (68 grams)
Product Dimensions	10 x 10 x 10 inches (25.4 x 25.4 x 25.4 cm) <i>(Note: These dimensions may refer to packaging)</i>
Color	Black
Compatibility	Designed for compatible Lincoln Electric wire feed welders to use 10 or 11 lb (4.5 or 5 kg) wire spools.

## 10. WARRANTY AND SUPPORT

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For information regarding product warranty, technical support, or replacement parts, please contact Lincoln Electric directly. You can find their official contact information on their website or through your product's original purchase documentation. Please have your model number (KH720) and purchase details available when contacting support.

**Lincoln Electric Official Website:** [www.lincolnelectric.com](http://www.lincolnelectric.com)

