

Webasto 9031988A

Webasto Controller Extension Harness 9031988A User Manual

Model: 9031988A

1. INTRODUCTION

This document provides essential information for the safe and correct installation and use of the Webasto Controller Extension Harness, Model 9031988A. This extension harness is designed to extend the connection between a Webasto air heater and its compatible controller, such as a rheostat, switch, or timer unit. Please read this manual thoroughly before installation and retain it for future reference.

2. SAFETY INFORMATION

- **Disconnect Power:** Always ensure that the power supply to the Webasto air heater system is disconnected before attempting any installation or maintenance. Failure to do so may result in electrical shock or damage to the system.
- **Professional Installation Recommended:** If you are unsure about any part of the installation process, it is recommended to seek assistance from a qualified technician.
- **Use Correct Components:** Only use this extension harness with compatible Webasto air heater controllers and systems. Using incompatible components may lead to malfunction or damage.
- **Inspect for Damage:** Before installation, visually inspect the harness for any signs of damage, such as cuts, frayed wires, or bent pins. Do not install a damaged harness.
- **Secure Cabling:** Ensure all cables are routed and secured properly to prevent chafing, pinching, or interference with moving parts.

3. PACKAGE CONTENTS

Verify that your package contains the following item:

- 1 x Webasto Controller Extension Harness (Model 9031988A)



Image: The Webasto Controller Extension Harness 9031988A, coiled and sealed in its clear plastic packaging, with a Webasto label visible.

4. INSTALLATION

Follow these steps to properly install the Webasto Controller Extension Harness:

1. **Prepare for Installation:** Ensure the Webasto air heater system is completely powered off and cooled down. Identify the existing connection point for the controller on the heater unit and the controller itself.
2. **Disconnect Existing Controller (if applicable):** If a controller is already connected directly to the heater, carefully disconnect its cable from the heater unit.
3. **Connect to Heater Unit:** Take one end of the extension harness and connect it to the designated port on the Webasto air heater unit. Ensure the connector is fully seated and secure.
4. **Route the Harness:** Carefully route the extension harness to the desired location for your controller. Avoid sharp bends, areas of high heat, or places where the cable could be pinched or damaged. Use cable ties or clips to secure the harness along its path.
5. **Connect to Controller:** Connect the other end of the extension harness to the Webasto controller (rheostat, switch, or timer). Ensure a firm and secure connection.

6. **Verify Connections:** Double-check all connections to ensure they are tight and correctly oriented.
7. **Restore Power:** Once all connections are secure and the harness is properly routed, restore power to the Webasto air heater system.



Image: A close-up view of the two distinct connector ends of the Webasto Controller Extension Harness 9031988A, showing their pin configurations.

5. OPERATION

The Webasto Controller Extension Harness is a passive component designed to extend the reach of your Webasto air heater controller. Once correctly installed, it facilitates the communication and power transfer between the heater unit and its control device. The operation of your heater system will remain unchanged; the extension harness simply provides the necessary length for flexible controller placement.

6. MAINTENANCE

The extension harness requires minimal maintenance. Periodically, it is recommended to:

- **Visual Inspection:** Check the entire length of the harness for any signs of wear, fraying, cuts, or damage to the insulation.

- **Connection Check:** Ensure that both ends of the harness remain securely connected to the heater unit and the controller.
- **Cleanliness:** Keep the harness free from excessive dirt, dust, or moisture. Clean with a dry, soft cloth if necessary.

If any damage is observed, disconnect power immediately and replace the harness with a genuine Webasto part.

7. TROUBLESHOOTING

If your Webasto air heater system does not function correctly after installing the extension harness, consider the following:

- **No Power/No Response:**
 - Ensure power to the heater system has been restored.
 - Check that both ends of the extension harness are fully and securely connected.
 - Verify that the controller itself is functioning correctly (if possible, test it directly without the extension harness).
 - Inspect the harness for any visible damage.
- **Intermittent Operation:**
 - Check for loose connections at either end of the harness.
 - Ensure the harness is not being pinched or stressed by other components.

If troubleshooting steps do not resolve the issue, contact Webasto customer support or a qualified service technician.

8. SPECIFICATIONS

- **Model:** 9031988A
- **Brand:** Webasto
- **Product Type:** Controller Extension Harness
- **Cable Length:** Approximately 3 Meters (9.84 feet)
- **Color:** Black
- **Approximate Item Weight:** 0.09 Kilograms (3.31 ounces)
- **Approximate Product Dimensions (packaged):** 10.2 x 9.61 x 1.61 inches
- **Compatibility:** Designed for use with Webasto air heater controllers (rheostat, switch, timer).

9. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or replacement parts for your Webasto Controller Extension Harness 9031988A, please refer to the official Webasto website or contact your authorized Webasto dealer. Keep your purchase receipt as proof of purchase.

Webasto Official Website: www.webasto.com

