

[Manuals.plus](#) /

› [Bahco](#) /

› Bahco BELT1213 - 13-Pin 12V Trailer Hitch Tester User Manual

## Bahco BHBELT1213

# Bahco BELT1213 - 13-Pin 12V Trailer Hitch Tester User Manual

Model: BHBELT1213

## 1. INTRODUCTION

---

Thank you for choosing the Bahco BELT1213 13-Pin 12V Trailer Hitch Tester. This device is designed to quickly and accurately test the electrical connections of 13-pin trailer hitches and vehicle sockets, ensuring proper functionality and safety. Please read this manual carefully before use to ensure correct operation and to prevent damage to the device or injury.

## 2. SAFETY INFORMATION

---

Always observe the following safety precautions:

- Ensure the vehicle's ignition is off before connecting or disconnecting the tester.
- Do not attempt to test systems with voltages other than 12V.
- Keep the device dry and clean. Avoid exposure to moisture or extreme temperatures.
- Do not use the device if it appears damaged.
- This device is intended for professional use or by individuals with adequate technical knowledge of vehicle electrical systems.

## 3. PRODUCT OVERVIEW

---

The Bahco BELT1213 is a compact and robust tester designed for 13-pin trailer electrical systems. It typically features indicator lights for each pin to show continuity and correct wiring.

### Components:

- Main Tester Unit
- 13-Pin Vehicle Socket Connector
- 13-Pin Trailer Plug Connector
- LED Indicator Panel

## 4. SETUP

---

The Bahco BELT1213 is designed for straightforward setup. No complex assembly is required.

### 4.1. Preparing for Use

1. Ensure the tester is clean and free from any debris or damage.
2. Verify that the vehicle or trailer electrical system is a 12V system.
3. Ensure the vehicle's ignition is off and the parking brake is engaged.

## 5. OPERATING INSTRUCTIONS

---

The tester can be used to check both the vehicle's 13-pin socket and the trailer's 13-pin plug.

### 5.1. Testing a Vehicle's 13-Pin Socket

1. Connect the 13-pin vehicle socket connector of the tester into the vehicle's 13-pin trailer socket.
2. Turn on the vehicle's ignition (if necessary for certain functions like reverse lights).
3. Activate each electrical function (e.g., left indicator, right indicator, brake lights, fog lights, reverse lights, sidelights).
4. Observe the corresponding LED indicators on the tester. A lit LED indicates a functional circuit.
5. If an LED does not light up, or lights incorrectly, there may be an issue with that specific circuit in the vehicle.
6. Once testing is complete, turn off the ignition and disconnect the tester.

### 5.2. Testing a Trailer's 13-Pin Plug

1. Connect the 13-pin trailer plug connector of the tester into the trailer's 13-pin plug.
2. The tester will typically have a built-in power source (e.g., battery) to illuminate the LEDs.
3. Activate the test sequence on the tester (refer to specific device buttons if present).
4. Observe the corresponding LED indicators on the tester. A lit LED indicates a functional circuit within the trailer's wiring.
5. If an LED does not light up, or lights incorrectly, there may be an issue with that specific circuit in the trailer.
6. Once testing is complete, disconnect the tester.

## 6. MAINTENANCE

---

Proper maintenance ensures the longevity and accuracy of your Bahco BELT1213 tester.

- **Cleaning:** Wipe the device with a soft, dry cloth after each use. Do not use abrasive cleaners or solvents.
- **Storage:** Store the tester in a dry, cool place, away from direct sunlight and extreme temperatures.
- **Battery (if applicable):** If your model uses internal batteries, ensure they are replaced as per manufacturer guidelines when low.
- **Inspection:** Periodically inspect the connectors and cables for signs of wear, damage, or corrosion.

## 7. TROUBLESHOOTING

---

If you encounter issues with your Bahco BELT1213, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem                                              | Possible Cause                                             | Solution                                                                      |
|------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------|
| No LEDs light up when testing a vehicle socket.      | Vehicle ignition off; poor connection; vehicle fuse blown. | Ensure ignition is on; re-seat the connector firmly; check vehicle fuses.     |
| Specific LED does not light up.                      | Faulty vehicle wiring/bulb; faulty trailer wiring/bulb.    | Check the corresponding bulb/wiring on the vehicle or trailer.                |
| Tester does not power on (for trailer plug testing). | Low or dead internal battery (if applicable).              | Replace the internal battery.                                                 |
| Intermittent LED illumination.                       | Loose connection; corroded pins.                           | Ensure connections are secure; clean pins on both tester and vehicle/trailer. |

## 8. SPECIFICATIONS

| Feature                        | Detail              |
|--------------------------------|---------------------|
| Model Number                   | BHBELT1213          |
| Manufacturer                   | Bahco               |
| Product Dimensions (L x W x H) | 26 x 21.5 x 10.5 cm |
| Weight                         | 1.24 kilograms      |
| Voltage Compatibility          | 12V                 |
| Connector Type                 | 13-Pin              |
| Country of Origin              | Sweden              |

## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact Bahco customer service directly. Keep your proof of purchase for any warranty claims.

**Bahco Customer Service:** Please visit the official Bahco website for contact details and support resources.

### 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/B00OHPLRJ2>

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