

Trailer test kit 40415

24 V



Quick Guide

SECO Rüt[®]

Introduction

Congratulations on your choice of this trailer test kit – with which we continue our tradition of developing advanced and innovative testing equipment.

The test kit has many new and improved features that are not yet available with other units, such as

- its own power supply,
- the ability to test 24-volt trailers,
- indicators according to the trailer manufacturers' specifications,
- wiring diagram for contacts according to DIN/ISO, and
- use in 24V trucks/cars.

Application

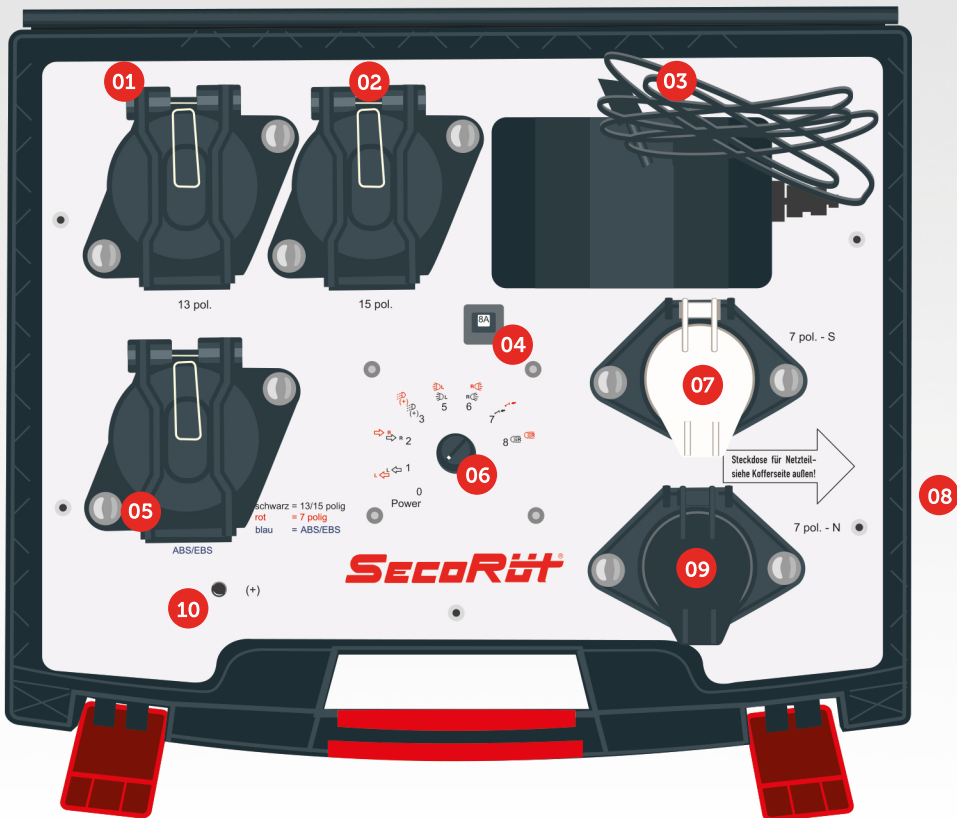
The test kit is used to diagnose/test all 24-volt trailer plugs and vehicle sockets.

Care instructions

The test kit is a highly-developed precision device; please treat it accordingly.

- Never attempt to open the test kit as the warranty will automatically be void!
- Protect the test kit from impact, extreme heat, and chemical impurities.
- When not in use, store the test kit in a dry place.

Trailer test kit



01 13-pin trailer socket

02 15-pin trailer socket

03 Circuit breaker

04 Circuit breaker

05 ABS/EBS socket

06 Program selection

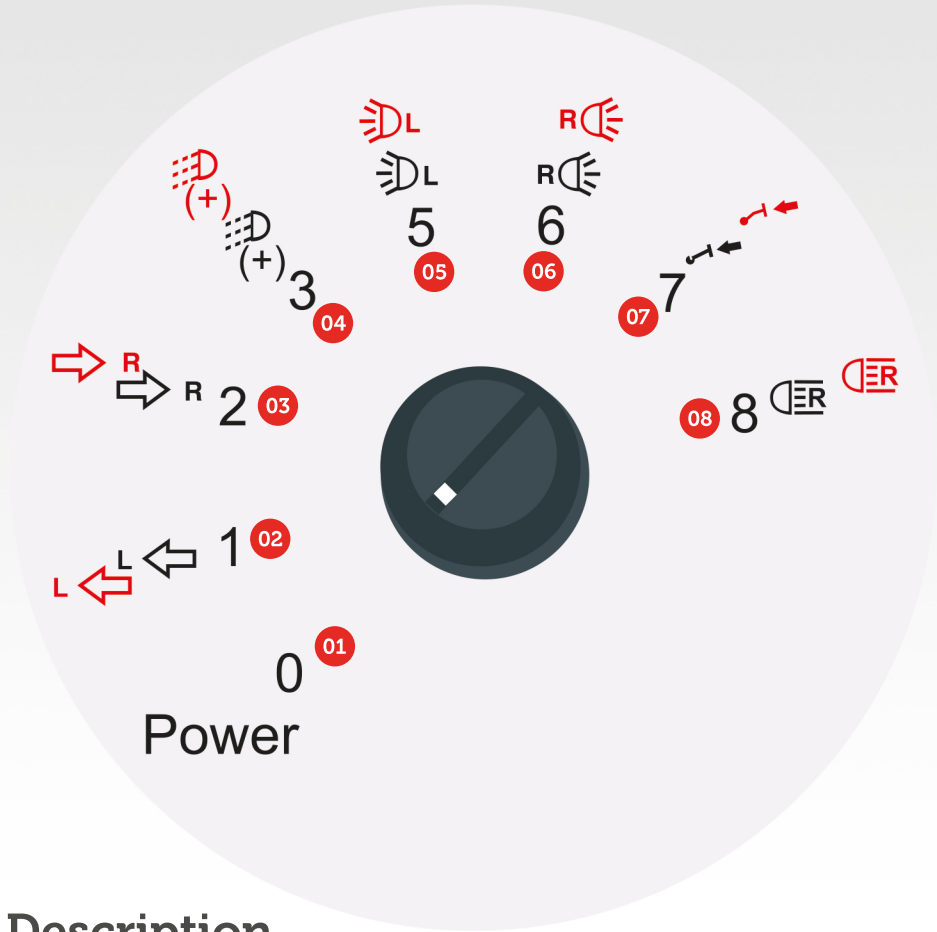
07 7-pin S trailer socket

08 Mains socket

09 7-pin N trailer socket

10 Continuous positive / control lamp

Program selection / overview



Description

- 01 Power
- 02 Indicator left
- 03 Indicator right
- 04 Rear fog light
- 05 Tail light left
- 06 Tail light right
- 07 Brake light
- 08 Reversing light

Please note:

The unit switches off automatically after 4 minutes!

First steps

1) Connect the trailer test kit to the mains power supply via the mains adaptor provided. Plug the DC power supply into the right-hand side of the case (8). Only then should the unit be plugged into the mains socket.

Once correctly set up, a red LED will light up on the mains power supply and a yellow LED will light up in the case.

2) Now, insert the trailer plug into the designated socket. The options are as follows: 13-pin, 15-pin, and 7-pin plugs, each S or N type, as well as ABS/EBS.

Ensure that only one plug is connected to the test kit at any one time. The test cannot be performed with two different plugs at the same time. Fire hazard!

3) By turning the programme selection switch, you can test the individual lights and electrical components.

Ensure the parts to be tested are functioning correctly. Do not test parts continuously! Fire hazard!

Please note: When taking current from the trailer using the test kit, ensure that the power supply unit is not overloaded.

Therefore, only carry out each test as briefly as possible. Do not test continuously or put long-term strain on the unit!

Fire hazard!

Testing sequence (7-pin N plug)

1) Plug the semi-trailer's/trailer's 7-pin N plug into the designated 7-pin N socket.

2) After inserting the semi-trailer's/trailer's 7-pin N plug into the designated 7-pin N socket, you may now start testing by making the appropriate selection with the selection switch.

**After completing the tests, disconnect from the mains power supply!
Fire hazard!**

Safety information

- Ensure the contacts remain dry when you plug in. Ideally, close the case once it has been connected to the mains power supply.
- Be sure to use the case according to instructions. Please pay special attention to safety information and the user manual before use.
- Keep these safety instructions safe once you have read them.

Testing sequence (7-pin S plug)

- 1) For this test, firmly insert the semi-trailer's/trailer's 7-pin S plug into the 7-pin S socket.
- 2) After inserting the semi-trailer's/trailer's 7-pin S plug into the designated 7-pin S socket, you may now start testing by making the appropriate selection with the selection switch.

**After completing the tests, disconnect from the mains power supply!
Fire hazard!**

Safety information

- Ensure the contacts remain dry when you plug in. Ideally, close the case once it has been connected to the mains power supply.
- Be sure to use the case according to instructions. Please pay special attention to safety information and the user manual before use.
- Keep these safety instructions safe once you have read them.

Testing procedure ABS/EBS

- 1) By connecting the test kit to the mains power supply, the ABS/EBS socket receives a testing current. **LED lights up (10)**
- 2) For this test, firmly insert the semi-trailer's/trailer's ABS/EBS plug into the ABS/EBS socket.
- 3) If the control device on the semi-trailer/trailer makes an audible clicking sound and the LED lights up, everything is OK.
No further steps required.

**After completing the tests, disconnect from the mains power supply!
Fire hazard!**

Safety information

- Ensure the contacts remain dry when you plug in. Ideally, close the case once it has been connected to the mains power supply.
- Be sure to use the case according to instructions.
Please pay special attention to safety information and the user manual before use.
- Keep these safety instructions safe once you have read them.

Testing sequence (15-pin plug)

1) For this test, firmly insert the semi-trailer's/trailer's 15-pin plug into the 15-Pin socket.

2) After inserting the semi-trailer's/trailer's 15-pin plug into the designated 15-pin socket, you may now start testing by making the appropriate selection with the selection switch.

**After completing the tests, disconnect from the mains power supply!
Fire hazard!**

Safety information

- Ensure the contacts remain dry when you plug in. Ideally, close the case once it has been connected to the mains power supply.
- Be sure to use the case according to instructions. Please pay special attention to safety information and the user manual before use.
- Keep these safety instructions safe once you have read them.

Testing sequence (13-pin plug)

- 1) Plug the semi-trailer's/trailer's 13-pin plug into the designated 13-pin socket.
- 2) After inserting the semi-trailer's/trailer's 13-pin plug into the designated 13-pin socket, you may now start testing by making the appropriate selection with the selection switch.

**After completing the tests, disconnect from the mains power supply!
Fire hazard!**

Safety information

- Ensure the contacts remain dry when you plug in. Ideally, close the case once it has been connected to the mains power supply.
- Be sure to use the case according to instructions. Please pay special attention to safety information and the user manual before use.
- Keep these safety instructions safe once you have read them.

For your safety, please note the following:

When taking current from the trailer using the test kit, ensure that the power supply unit is not overloaded.

Therefore, only carry out each test as briefly as possible. Do not test continuously or put long-term strain on the unit!

Fire hazard!



These guidelines imply compliance with the relevant harmonised European standards, which are listed by securuet Ltd for the issued EC Declaration of Conformity for this product or product family. The fulfilment of these guidelines is signalled by the conformity marking on the product.



Waste Disposal



In the European Union, Norway, Island and Liechtenstein: This symbol on the product, in the operating instructions, on the guarantee certificate and/or on the packaging shows that this product is not to be considered as household waste. Instead, please take it to the applicable collection point for the recycling of electrical and electronic equipment.

If you make sure that this product is correctly disposed of, you help to reduce possible negative effects on environment and human health, which could emerge due to the inappropriate disposal of this product.



If your device includes (rechargeable) batteries, which can be removed easily, please dispose of them separately according to the local regulations. Recycling materials helps to maintain natural resources. You can receive detailed information on how to recycle this product at your local authorities, your disposal service or in the shop in which you purchased this product.

In countries outside the European Union, Norway, Island and Liechtenstein: If you want to dispose of this product including their (rechargeable) batteries, please contact your local authorities and ask for the correct disposal. In Japan: Rechargeable batteries with this symbol must be disposed of separately.



This symbol on (rechargeable) batteries shows that they are not to be considered as household waste.