

Installation Instructions - BL 1000 SG

(Rear and front turn indicator)

Dear Customer,

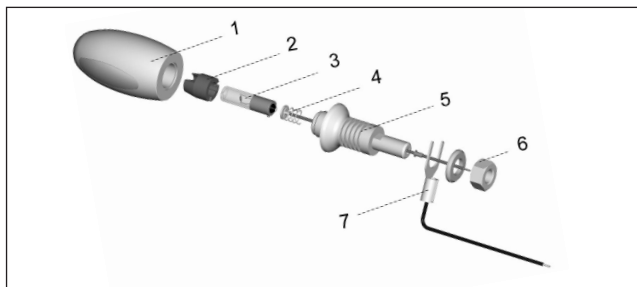
We thank you for the confidence you have shown in us by buying this product. We have taken the utmost care in the development and manufacture of your BL 1000 SG unit.

In order to fully enjoy this product, you should bear in mind the following important instructions. Please read the assembly instructions completely and carefully before deciding whether to fit the BL 1000 SG yourself, or to assign this task to a specialist. You should remember that only professional assembly can ensure safe operation.

We wish you pleasant and safe travel at all times,

Your Kellermann Team

1 UNIT CONSTRUCTION OVERVIEW



- 1 Turn indicator housing
- 2 Frame
- 3 Halogen bulb
- 4 Plus contact with insulation plate, spring and cable
- 5 Bracket
- 6 Nut (M10 x 1.25) with washer
- 7 Earthing cable

2 SAFETY INSTRUCTIONS

IMPORTANT NOTICE!

WARNING! Please read these assembly instructions carefully before assembly!

Keep the instructions and the cardboard packaging, as well as any un-needed adapter sets, in case they are required at a later date!

WARNING! If you are unclear about the correct assembly method, you should assign this task to a specialist, since only the correct assembly can ensure proper operation. Incorrect installation can lead to accidents. For this reason you should check whether the turn indicator has come loose before each journey; if so, tighten the turn indicator again and re-align it immediately.

WARNING! The BL 1000 SG was designed only as a turn indicator for motorcycles and is not suitable for any other purpose. Any other use is prohibited; this can be dangerous and lead to severe damage.

WARNING! Use only original parts, and only replace the original bulb with a bulb of the same specification (H21W, BAY9S, s. Chap. 4)! This is vital for the normal and safe operation of the turn indicator. In the event of loss or damage, you can obtain spare parts, including special bulbs, from your dealer or directly from Kellermann (0049 241 938 080).

WARNING! We have selected a high performance halogen bulb for the BL 1000 SG for your safety. The BL 1000 SG can therefore become very hot after long periods of operation (more than 10 mins). You should therefore absolutely avoid contact with bare skin or heat sensitive items, as injuries or harm are otherwise possible.

3 INSTALLATION

3.1 PREPARATION AND ASSEMBLY

WARNING! You should ensure the safe positioning of the motorcycle before installation, since an unstable motorcycle can lead to injuries and to damage to the motorcycle.

A drilled hole of at least 10 mm must be present to install the indicator. After feeding the connector cables and bracket through the hole from the outside, screw the indicator onto your motorcycle using the nut and washer. Make sure that you screw the earth lead-in wire on as well.

3.2 CONNECTING THE INDICATOR

WARNING! Before connecting the indicator cables to the cables on your motorcycle, you should disconnect the battery. Finally, connect the red cable to the plus lead and the black cable to the minus lead of the corresponding indicator. Disconnect the indicator leads between the plug connector and indicator at a suitable position to avoid making permanent changes to your motorcycle.

Insulate the cable ends to up to 3–4 mm length and connect them to the connector cables of your BL 1000 SG using the connector sleeves.

Reconnect your motorcycle's battery.

3.3 OPERATING TEST AND ADJUSTMENTS

WARNING! Adjustment of the BL 1000 is necessary for traffic safety and component approval. An unaligned turn indicator can be easily overlooked by other road users and can lead to accidents.

Align your indicators parallel to both the road surface and the motorcycle's straight-line direction of travel.

4 CHANGING THE BULB

4.1 PREPARATION

WARNING! You should ensure the safe positioning of the motorcycle before dismantling, since an unstable motorcycle can lead to injuries and to damage to the motorcycle.

Ensure that the replacement bulb has the same specification, and replace the original bulb only with a bulb of the same H21W, BAY9 S specification. You can obtain these special bulbs from Kellermann (Tel.: 0049 241 938 080) or from your dealer.

4.2 DISMANTLING THE TURN INDICATOR

Dismantle the indicators by disconnecting the M10 nut (6). Position an 8 mm open spanner on the corresponding flattened surfaces on the bracket (5) and loosen the screw connection to the indicator housing (1). Unscrew the indicator housing from the bracket by hand.

Make sure that the indicator housing is facing downwards, as the lamp (3) and connection socket (2) are only inserted and would otherwise fall out.

Remove the frame and the bulb from the turn indicator housing. A gentle tap with the open palm is enough to release the frame. Do not try to rotate the frame. This is fixed by an anti-twist plate in the turn indicator housing in order to guarantee an accurate adjustment of the bulb.

4.3 ASSEMBLY OF THE TURN INDICATOR

Feed the new lamp through the connection socket from the side with the holding grooves. Rotate the bulb in such a way that both locking pins of the bulb holder sink into the retaining slots of the frame. Make sure that you do not touch the glass of the bulb with your bare fingers, or else wipe this with a clean cloth. Pick up the turn indicator housing and hold this with the thread opening facing upward. Rotate the frame and the bulb in such a way that the two orientation bars (marked in blue in Figure 4.3) of the frame are visible between the crescent shaped contact surfaces of the guiding channels in the turn indicator housing (marked in red in the Figure). Let the frame and bulb slide downward into the tapped hole. Take hold of the multi-functional part (4) and screw in the turn indicator housing carefully with your hand. If the multi-functional part cannot be screwed in, the frame is not correctly aligned in the turn indicator housing. In this case, align the frame and bulb again. Turn the indicator housing onto the bracket as described above. Position the 8 mm open spanner onto the corresponding flattened surfaces on the bracket and screw the indicator on tight. Now install the indicator as described in Section 3.

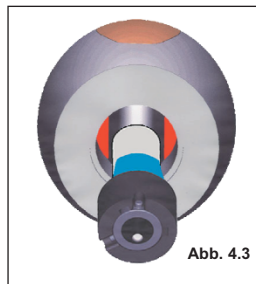


Abb. 4.3

We have provided different downloads for you on our homepage, www.kellermann-online.com. You can also find more information about our extensive list of spare parts and accessories there. If you have suggestions or questions, you can contact us at any time by e-mail (info@kellermann-online.com) or by telephone (0049 241 938 080).

5 SPARE PART RANGE

- H21W halogen lamp
- Cable
- Other spare parts on request