

Installation Instructions Bullet 1000® RB/RB KM



Bullet 1000® RB
2860 & 2861



Bullet 1000® RB KM
2862 & 2863



Dear customer,
Thank you for choosing Kuryakyn. Please read and understand these instructions before deciding whether you would like to do the installation yourself or have it done by a professional.

All Kuryakyn by Kellermann lighting products are ECE-approved for motorcycles as documented by the approval mark engraved into the housing or lens. This means that you may use the products instead of the original turn signals without any entry in your vehicle documents or presentation to a vehicle inspection organization. **You do not need to carry any documentation with you. This applies to all motorbikes licensed under EU law and the corresponding lights. Certificates are available at www.Kuryakyn.com.**

ATTENTION! Kuryakyn by Kellermann lighting is not DOT or FMVSS #108 compliant.

ATTENTION! The warranty will not apply if the turn signal has not been correctly installed or connected to the electrical supply on your motorcycle. Do not carry out the installation unless you are qualified to do so; otherwise, leave the installation and connection work for your indicator to a qualified repair shop. The warranty does not apply to damage due to wrong connection or excess voltage (such as due to a defective alternator regulator).

ATTENTION! Improper mechanical installation or orientation of turn signals may invalidate your motorcycle's roadworthiness and insurance protection, or even lead to accidents. Before every usage of your vehicle, check whether the indicators are correctly mounted and fully functional.

ATTENTION! Your turn signals may heat up during use. Contact with bare skin or heat-sensitive objects may lead to damage or injury.

ATTENTION! Voltage – 19v Max. Over voltage voids warranty

Motorcycles with voltage peaks can damage Kuryakyn by Kuryakyn by Kellermann products. The problem can be solved easily by installing suppressor diodes. Verify before installation that your vehicle's electrical system operated in a normal 12-15 v range with no peaks that exceed 19 v.

Warranty is void if operating with over-voltage.

CLEANING ADVICE! Your new Kuryakyn by Kellermann products are premium-quality products. In order to enjoy them long time and maintain the warranty we recommend not to use any cleansers with alkaline/acid and/or grinding substances or steel wool. We also advise not to use steam cleaners.

INSTALLATION

ATTENTION! Make sure that your motorcycle is standing firmly before you start work, as a fall may lead to damage to the motorcycle or injury to you or others.

The Bullet 1000® RB is intended for central mounting as a single light at the rear of the vehicle. The Bullet 1000® RB must be installed radiating backwards in the longitudinal direction of the vehicle and with a visible test mark.

For Bullet 1000® RB:

Dismantle the original tail/brake lights. Mark the drill points in the center of your fender with the aid of the enclosed drilling template. Make two 4.5 mm diameter holes for mounting and one 3.5 mm diameter hole for the cable gland. Deburr them carefully to avoid possible damage to the cables. Mount the Bullet 1000® RB with the bolted bracket and the enclosed mounting material with a maximum torque of 44.25 in-lbs (**5 Nm**). Make sure that the area where the wires emerge is protected from splash water.

For Bullet 1000® RB KM:

Remove existing indicators. Mount the Bullet 1000® RB KM by fabricating a bracket or by drilling a 8.5 mm diameter hole. Fasten the turn signal at 70.81 in-lbs (**8 Nm**) with the provided nut. Make sure that the area where the wires emerge is protected from splash water. Mount the turn signal in such a way that the beams run horizontally in your bike's direction of travel.

Alignment is important to safety in traffic and essential to your motorcycle's roadworthiness, as a motorcycle with incorrectly aligned lights is easy to overlook on the road.

If living in a country that requires ECE compliance, refer to the following measurements for selecting your mounting location:

In height:

250 mm – 1500 mm above the ground.

Geometric visibility:

Horizontal angle:

80° to left and to right for a single lamp
80° outwards and 45° inwards for each pair of lamps

Vertical angle:

15° above and below the horizontal.

ELECTRICAL CONNECTION

For Bullet 1000® RB:

Cut the wires of the original taillight between the indicator and the connector, allowing enough slack in the wire for the connection of the new Bullet 1000® RB. By doing this the wiring loom stays untouched.

- Connect the grey and white wire on the Bullet 1000® RB to the positive wire from the original tail light.
- Connect the grey and red wire on the Bullet 1000® RB to the positive wire from the original brake light.
- Connect the black wire on the Bullet 1000® RB to the ground wire from the original tail light.

Bullet 1000® RB KM :

Cut the wires of the original indicators between the indicator and the connector, allowing enough slack in the wire for the connection of the new indicator. By doing this the wiring loom stays untouched.

- Connect the grey and white wire on the Bullet 1000® RB KM to the positive wire from the original tail light.
- Connect the grey and red wire on the Bullet 1000® RB KM to the positive wire from the original brake, turn, or brake/turn light
- Connect the black wire on the Bullet 1000® RB KM to the ground wire from the original tail light.

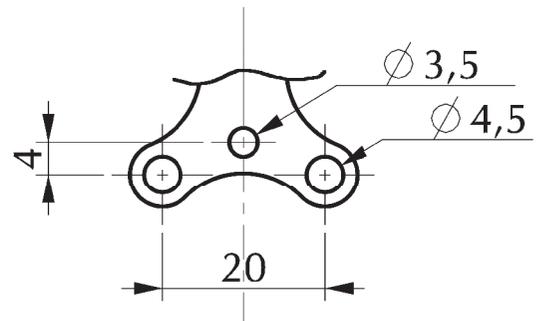
To connect the wires of the indicator to the wires of the original connector use the provided crimp connectors and shrink tubings. First push one of the shrink-on tubes over one of the wires you want to connect and remove 1/4" of insulation on the end of each cable. Then push both bare ends of the wire into a crimp connector and crimp it with an appropriate tool. Then pull the shrink-on tube over the connection and heat it up equally until it fits tight over the complete length of the connector.

Test the function of the light.

Route the cables in a way that they are protected from splash water and fasten them using zip ties.

This completes the installation.

DRILL TEMPLATE FOR RB ONLY



We are happy to answer any questions you may have with regards to converting your indicators, we are certain we can help you.

If you are not sure which electronic equipment you require, please contact us via <http://www.kuryakyn.com>, info@kuryakyn.com, or call us: **886-277-9598**.

ATTENTION! Before each use of the vehicle, check the functionality of the turn signals.

The Kuryakyn by Kellermann Bullet 1000® RB/RB KM is equipped with the tried-and-trusted **Longlife Protection Guard®** circuit, which ensures extremely long life with LED technology. It is not necessary to replace the illuminate and, due to the laws for device approval, it is not allowed.