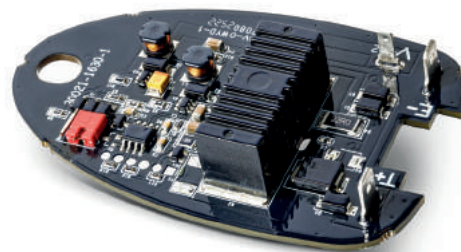


OSRAM
AUTOMOTIVE LIGHTING

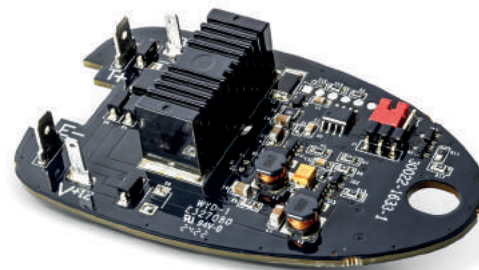
LEGACY II EVO Installation Instructions

WITHOUT RELAY

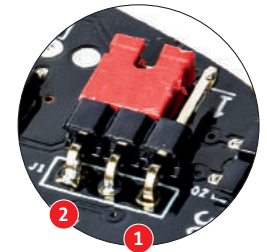
Please follow the instructions overleaf referring to the points shown on the schematic diagram.



**FRONT Dual Function running/turn
LED Panel (3 pin) LG2-EVO-DTC-BM03.**



**REAR Triple Function brake/running/turn
LED Panel (4 pin) LG2-EVO-RBT-BM03.**



**REAR LED Panel
Jumper Switch**

LG2-EVO-RBT-BM03:
Option 1 No Running Light
Option 2 Running Light (*factory default)

LEGACY II EVO Installation Instructions

WITHOUT THE USE OF A RELAY

Designed for NON CAN-bus BMW motorcycles built between 1994-2005:
This install utilizes the motorcycles OEM turn signal housings to maintain classic originality whilst vastly improving its conspicuity lighting.

Read through all the following points below prior to install and refer to the schematic diagram. No relay is required for this installation.

No additional in-line fuses are required, the Weiser LED lights supplied are compatible with the 21w turn signal bulbs they are replacing and will not cause a bulb failure fault.

The motorcycles ignition must be switched off before starting install. Make sure when testing circuits after install no exposed wires short to ground insulate with electrical tape.

- A. Remove screws affixing lenses to existing turn signal housings. Remove bulb and bulb reflector. Disconnect the two power and ground wires on the back of the reflector. These two wires will reconnect to your new Weiser LED panels later in install.
- B. Existing turn signal wires from each turn signal housing will reconnect to Weiser LED panels: **Blue v+** **Brown v-**
- C. **Black** 'Weiser' wires carry 12v to left and right turn signal housings to power driving/running lights. (Two each at front and back of bike). A black extension wire is supplied in front install kit to three-way connect with a POSI-TWIST (Blue connector) to run front wires to rear of bike. The supplied black wires are long so trim where necessary. Use a short length of trimmed black wire to create the three way connection using the blue POSI-TWIST.
- D. The short **Black** 'Weiser' wire from the POSI-TWIST then connects using a POSI-TAP to a 12v wire on the motorcycle. This wire should be **12v ONLY** when the motorcycle's ignition is on. Use a multimeter to test if unsure. For ease of install we suggest using the bikes rear license plate light or running lights 12v wires found going to or inside the rear brake light housing.
- E. **Grey** 'Weiser' wires run from each rear left and right turn signals, then three-way connects with a POSI-TWIST. The supplied grey wires are long so trim where necessary. Use a short length of trimmed grey wire to create the three way connection using the blue POSI-TWIST.
- F. Connect the short **Grey** wire from the POSI-TWIST to the bikes main 12v brake light wire using a POSI-TAP this wire is **12v ONLY** when the ignition is on. Use a multimeter to test if unsure.
- G. **FRONT** Connect the 3 female Weiser connectors in the housings to the male pins on back of the Driving/Turn LED panel in the turn signal housings:
 - i) **Brown** wire to pin **E-** (earth/ground)
 - ii) **Blue** wire to pin **TURN /+** (12v Turn)
 - iii) **Black** Weiser wire to pin **V+** (12v Driving)
- H. **REAR** Connect the 4 female connectors in the housings to male pins on the back of both Weiser LED panels:
 - i) **Brown** wire to pin **E-** (earth/ground)
 - ii) **Blue** wire to pin **TURN /+** (12v Turn)
 - iii) **Black** Weiser wire to pin **V+** (12v Driving and Running)
 - iv) **Grey** Weiser wire to pin **B+** (brake 12v)
- I. Check and test your install. If you haven't already done so insulate all new connections with electrical tape. Replace lenses.



LEGACY II EVO LED RANGE

WITHOUT THE USE OF A RELAY

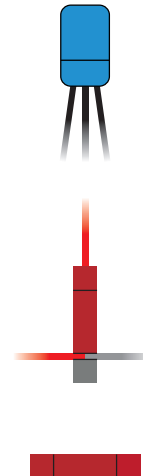
Combination Multifunction LED lighting kit for BMW motorcycles
Basic Schematic Installation Guide Rev 03 2023

DUAL FUNCTION Front LED Driving Lights and Turn Signals
LG2-EVO-DTC-BM03

TRIPLE FUNCTION Rear LED Running Lights, Brake Lights and Turn Signals
LG2-EVO-RBT-BM03

Weiser Technik, 5610 Scotts Valley Drive, Suite B-561, Scotts Valley, CA 95066, USA

These LED lights can be installed with or without the use of the relay provided.
If you have an older bike where the power supply to the tail light and license plate light may be questionable and does not have a consistent 12V please install with the use of a relay.



C & E. POSI-TWIST

Strip wire ends to be joined. Twist together. Unscrew Posi-Twist place wires through hole in head, screw back base to hold connection tight.

D & F. POSI-TAP

Unscrew grey end. Place wire to be tapped in U shape end. Screw red part tightly to grey. Unscrew red end. Strip end of wire to be joined. Insert through red end and screw down tightly.

POSI-LOCK

Supplied to aid any connection of two wires. Remove both red ends of posi-lock, strip ends of wires to be connected insert through red ends and screw ends back on tightly.