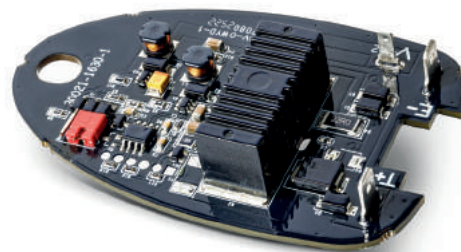


**OSRAM**  
AUTOMOTIVE LIGHTING

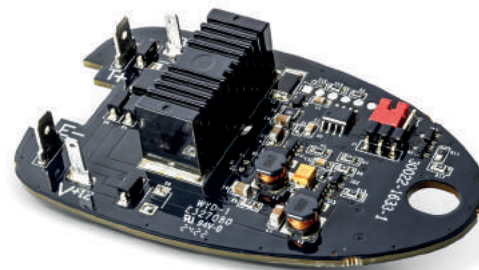
## LEGACY II EVO Installation Instructions

### INCLUDING RELAY

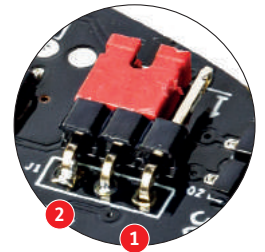
Please follow the instructions overleaf referring to the points shown on the schematic diagram.



**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

## INCLUDING 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.

Follow the points below and refer to the schematic diagram. A relay is required for this installation.

- A. Weiser solid state relay (fused) **Red v+ Black v-** cables connects to motorcycle battery terminals. (**Remove fuse from relay before install and replace after all terminals on LED panels are connected. Only then turn ignition on to test.**)
- B. Four wires from relay - **Black, Grey, Red, Yellow:**
  - i) **Black** wire takes 12v from relay takes power to both Weiser front white running lights and rear red running lights.
  - ii) **Grey** wire from relay takes 12v power to both Weiser brake lights.
  - iii) **Red** 'trigger' wire taps into any 12v wire that is a constant 12v live only when the ignition is on.
  - iv) **Yellow** 'trigger' wire connects to relay from bikes 12v brake wire; live only when the brake is activated.
- C. \*Turn signal wires from bike: **Blue = v+ Brown = v-**
- D. **Four Black** 'Weiser' wires run from left and right turn signals at both the front and back of the bike; then three-way connect with POSI-TWIST (Blue connector) to the **Black** wire from the relay. (Black Extension wire supplied in front install kit to run from front to rear).
- E. **Two Grey** 'Weiser' wires run from rear left and right turn signals; then three-way connect with POSI-TWIST (Blue) connector to the **Grey** wire from the relay.
- F. POSI-TAP connector (red and grey colored) connects **Red** wire to relay from bikes 12v wire that is a constant 12v only when the ignition is on. (License plate light, suggested often red/grey/yellow banded wire. Switches both driving lights/rear running lights on and off with the ignition).
- G. POSI-TAP connects **Yellow** wire to relay from bikes 12v brake wire that is 12v only when the brake levers activated. Found going into the rear brake light often a grey/black/yellow banded wire).
- H. **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)
- I. **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)
- J. Check and test your install. If you haven't already done so insulate all new connections with electrical tape. Replace lenses.

  
**weiser**

  
**OSRAM**  
AUTOMOTIVE LIGHTING

## LEGACY II EVO LED RANGE

### INCLUDING USE OF A RELAY

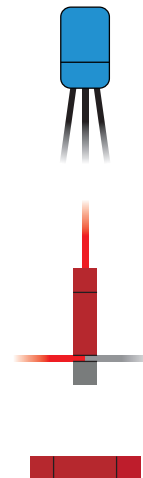
Combination Multifunction LED lighting kit for BMW motorcycles  
Basic Schematic Installation Guide Rev 03 2023

  
**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.