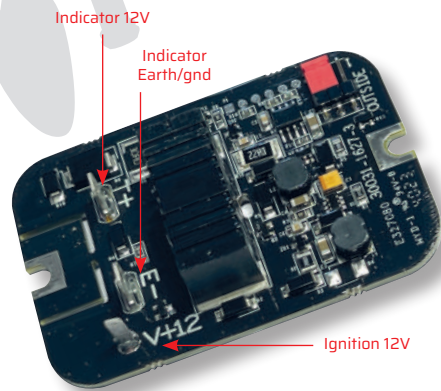


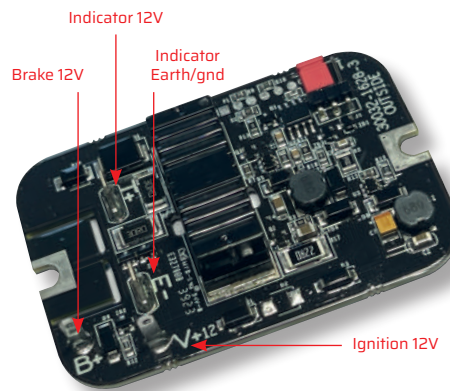
## LEGACY III EVO Installation Instructions

### INCLUDING RELAY

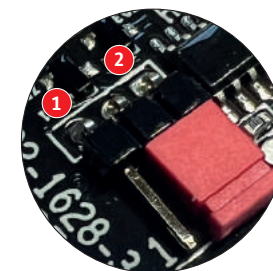
Please follow the instructions overleaf referring to the points shown on the schematic diagram.



**FRONT Dual Function running/turn LED Panel (3 pin) LG3-EVO-DTC-BM03.**



**REAR Triple Function brake/running/turn LED Panel (4 pin) LG3-EVO-RBT-BM03.**



#### REAR LED Panel

Jumper Switch

LG3-EVO-RBT-BM03:

Option 1 No Running Light

Option 2 Running Light (\*factory default)

# LEGACY III EVO Installation Instructions

## INCLUDING RELAY

Designed for **NON CAN-bus BMW motorcycles built between 1969-1994:**  
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.



## LEGACY III EVO LED RANGE

### INCLUDING USE OF A RELAY

Combination Multifunction LED lighting kit for BMW motorcycles  
Basic Schematic Installation Guide Rev 04 2023

**DUAL FUNCTION Front LED Driving Lights and Turn Signals**  
**LG3-EVO-DTC-BM03**

**TRIPLE FUNCTION Rear LED Running Lights, Brake Lights and Turn Signals**  
**LG3-EVO-RBT-BM03**

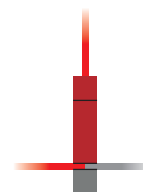
Weiser Technik, 5610 Scotts Valley Drive, Suite B-561, Scotts Valley, CA 95066, USA

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.