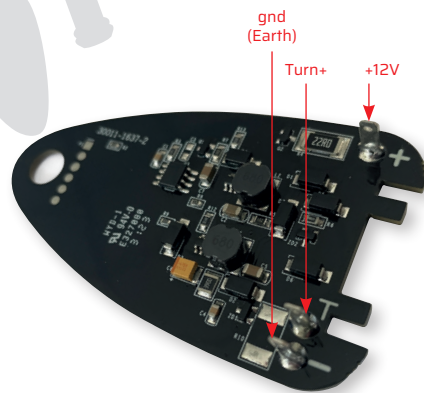


weiser

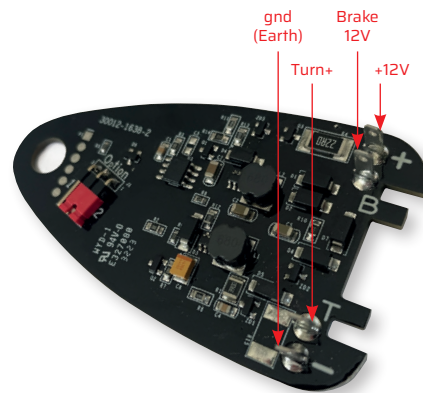
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LEGACY I EVO Installation Instructions

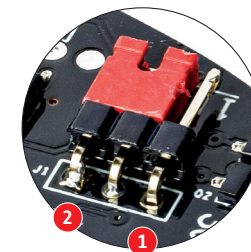
Please follow the instructions overleaf referring to the points shown on the schematic diagram.



FRONT Dual Function running/turn LED Panel (3 pin) LG1-EVO-DTC-BM03.



REAR Triple Function brake/running/turn LED Panel (4 pin) LG1-EVO-RBT-BM03.



REAR LED Panel Jumper Switch

LG1-EVO-RBT-BM03:
Option 1 No Running Light
Option 2 Running Light (*factory default)

LEGACY I EVO Installation Instructions

For BMW motorcycles fitted with CAN-bus electronics model years 2004-2014:

Follow the points below and refer to the schematic diagram.

- 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)


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LEGACY I EVO LED RANGE

Combination Multifunction LED lighting kit for BMW motorcycles
Schematic Installation Guide Rev 03 2022



DUAL FUNCTION Front LED Driving Lights and Turn Signals LG1-EVO-DTC-BM03



TRIPLE FUNCTION Rear LED Running Lights, Brake Lights and Turn Signals LG1-EVO-RBT-BM03

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

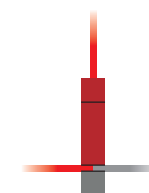
For installs on motorcycles without CAN-bus electronics:

1. The relay is **NOT** required for motorcycles without a CAN-bus.
2. Follow step **C.** above.
3. Join and connect with a red and grey POSI-TAP the two **Black** wires one from each rear housings directly to motorcycle 12v wire that is constant live (only when the ignition is on).
4. Join and connect with a red POSI-TAP the two **Grey** wires one from each rear housing directly to the motorcycle's brake wire that's 12v (only when the brake is activated).
5. Follow step **H.** and **I.** above.



D. 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.



F & G. 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.