

# Hyper-Lite®

US Patent Number 5,856,779

## BMW F650GS 2007 and Newer Dual Function Hyper-Lite

### Solid Running Lights and Flashing Brake Lights

Part Numbers: WDF650GS (8 LED modules), WDF650GSII (16 LED modules)

Contents: Pair of LED modules, Flasher controller, 2 Posi-Twist connectors, 3 Posi-Tap connectors

#### Tools Required:

- 10 mm wrench, Needle nose pliers

1. The flasher in this kit is set to flash continuously while the brake is applied. To convert to a 5 second flash and then stay solid while the brake is applied, cut the green wire loop coming out of the flasher. Use electrical tape to protect and secure the green wires to the other wires.
2. Remove the seat. Locate the motorcycle main wiring harness. Strip 2-3 inches of the wiring sheath.
3. Strip Black, Red, and Gray wires 1/2" (see Posi-Tap instructions)  
Use the Posi-Tap connector provided to connect the Hyper-Lite **BLACK** wire to the **motorcycle BROWN** wire.  
Use the Posi-Tap connector provided to connect the Hyper-Lite **RED** wire to the **motorcycle GREEN with RED stripe** wire.  
Use the Posi-Tap connector provided to connect the Hyper-Lite **GRAY** wire to the **motorcycle GRAY with BLACK stripe** wire.  
You will tap into the motorcycle wiring.

**NOTE: 2009 F650GS:** The Hyper-Lite **Red** wire will go the the Brake Light **White** wire with **Black stripe and yellow band**.

The Hyper-Lite **Gray** wire connects to a **Green with White Stripe** wire that is located in a Plug under the seat that contains 5 wires. (Wire colors in the plug are 2 White, 1 red, 1 brown and the Green with White Stripe).





4. If using the Hyper-Lite License Plate Mounting Bracket, install it now.
5. Clean the area where the light modules will mount with rubbing alcohol. The lights must point straight back. When sure of the alignment, remove the covering from the contact tape and press in place. The tape can be used only once! If you goof, new tape is required. Replace the lens and the seat.
6. Route the wires from the license plate bracket to the flasher. Strip Blue and Brown wires 1/2" (see Posi-Twist instructions)  
Use the Posi-Twist to connect the **BLUE** wires from the flasher and the **BLUE** wires from the LED modules. Use the Posi-Twist to connect the **BROWN** wires.
7. Locate an out of the way location under the seat for mounting the flasher controller. Clean the surface with alcohol before putting the flasher in place.
8. Test the Hyper-Lite. The Hyper-Lite modules will be on as running lights then increase in intensity and flash when the brake is applied. (The California Style Flasher will flash 4 times in 4 seconds).

Ensure all lights are working.

Thanks for choosing Hyper-Lite. Ride Safe.

## Posi-Twist™ NON IN-LINE CONNECTIONS

### QUICK & EASY!

- ① Strip wire 1/2" 
- ② Twist 
- ③ Insert 
- ④ Hand tighten 



- TAPS WIRES WITHOUT CUTTING
- TOTAL WIRE INTEGRITY IS MAINTAINED
- INSTALLS IN SECONDS BY HAND
- NO CRIMPING OR TOOLS REQUIRED
- REUSABLE OR PERMANENT
- LESS RESISTANCE
- VIBRATION PROOF
- FULLY INSULATED

POWERS UP TO (4) LEADS  
AT ONCE!

