



# Turn Signal Kit PN: GEN200-BTR

Fits all Harley-Davidson® Models listed below:

2002-2011 Harley-Davidson® Dyna® models (Except 2009-2011 FXDB, 2010-2011 FXDWG) 2002-2010 Softail® models (Except FLSTC, FXCW, FXCWC), 2006-2009 Street Glide, 2002-2013 CVO™ Electra Glide, 2002-2012 CVO™ Road King, 2011 CVO™ Road Glide Ultra, 2007-2009 CVO™ Springer, 2009-2010 CVO™ Fat Bob, 2007-2008 CVO™ Dyna (FXDSE), 2006 CVO™ Fat Boy, 2003-2004 CVO™ Deuce, 2002 CVO™ Wide Glide, 2001-2003 Sportster Models.

We thank you for purchasing Custom Dynamics® Bullet Ringz™ LED turn signals! Our LED's offer maintenance free service and higher visibility. We offer one of the best warranty programs in the industry and we back our products with excellent customer support, if you have questions before or during installation of this product please call Custom Dynamics® at 1(800)382-1388.

**BTRC-A-1157-A BTRC-A-1157-S BTRC-AW-1157-A BTRC-AW-1157-S  
BTRB-A-1157-A BTRC-A-1157-S BTRB-AW-1157-A BTRB-AW-1157-S**

#### Instructions:

**NOTE:** These products are designed for dual intensity front turn signal fitment only. They will not function properly in the rear.

1. Remove lens from turn signal housing.
2. Remove bulb from turn signal housing.
3. Be sure contacts are clean. Remove any excess dielectric grease as it can prevent good conductivity of the LEDs.
4. Insert base of LED unit into housing, twist until locks in place.
5. Twist Bullet Ringz™ a couple revolutions to coil wiring.
6. Install unit into housing, make sure unit snaps in all of the way and sits flush to housing with no gaps.

**Note:** Ensure the cluster wires are fully inserted into the housing to prevent pinching the wires.

**Caution:** Be sure that no tabs are broken during installation and the unit is fully seated into the housing. Improper Installation may cause the unit to fall out while riding.

**BTRC-AR-1156-A BTRC-AR-1156-S BTRB-AR-1156-A BTRB-AR-1156-S**

**NOTE:** These products cannot be used with R/B/T Module

**NOTE:** This product is designed for Rear turn signal fitment only.

#### Instructions:

1. Remove the turn signal lenses
2. Route the orange and red wires through the turn signal housing to the tail light, this may require drilling a hole in the back of the reflector. Repeat for other turn signal housing.
3. Connect orange wires to running light power source using the supplied Posi-Tap™ connector.
4. Connect red wires to brake light power source using the supplied Posi-Tap™ connector.
5. Insert 1156 bases into stock turn signal sockets.
6. Install unit into housing, make sure unit clips in all of the way and sits flush to housing with no gaps.

**Note:** Ensure the cluster wires are full inserted into the housing to prevent pinching the wires.

**Caution:** Be sure that no tabs are broken during installation and the unit is fully seated into the housing. Improper Installation may cause the unit to fall out while riding.

**BTRC-RR-1156-R BTRC-RR-1156-S BTRB-RR-1156-R BTRB-RR-1156-S**

**NOTE:** These products are designed for Rear turn signal fitment only.

1. Remove lens from turn signal housing.
2. Remove bulb from turn signal housing.
3. Be sure contacts are clean.
4. Insert base of LED cluster into housing making sure that the alignment notches on the sides are properly oriented and fully seated.
5. Twist cluster to coil wire, then insert unit into housing. Make sure unit clips in and sits flush to housing with no gaps. Failure to snap in all the way can result unit falling off while riding.

**Note:** Ensure the cluster wires are fully inserted into the housing to prevent pinching the wires.

**Caution:** Be sure that no tabs are broken during installation and the unit is fully seated into the housing. Improper Installation may cause the unit to fall out while riding.

6. Check operation of turn signal in all modes

#### LED Turn Signal Tips and Troubleshooting:

1. Dielectric grease does not need to be used with this LED product, it can actually prevent them from working. Remove any excess from your turn signal sockets before inserting.
2. Make sure you have the orientation correct before inserting the base. If it seems hard to twist in the socket, it is probably in the wrong way.
3. Harley Davidson® Bullet turn signals may require trimming of black gasket to fully seat lens.
4. Install the Smart Signal Stabilizer™ before testing turn signals.
5. If LED turn signals do not function correctly, clean the bottom contacts, then re-insert. Also try in the other turn signal socket.

**GEN2-SSHD**

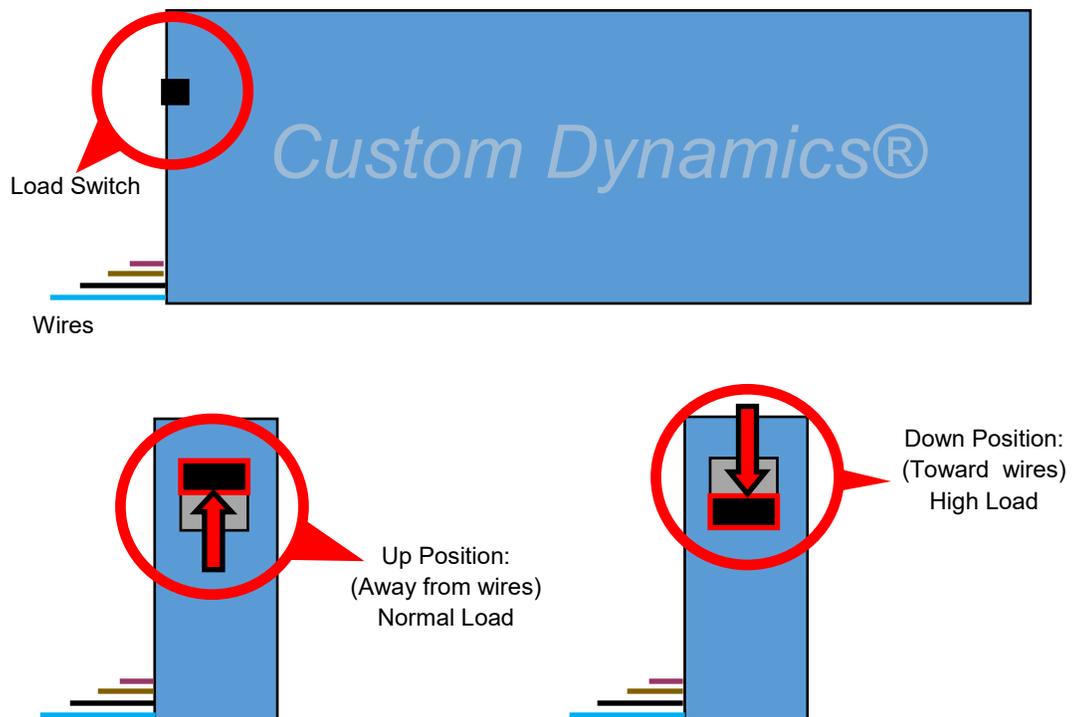
**NOTE:** This unit is alarm compatible and 4 way hazard compatible. When using the 4 way hazards with this product installed, the security key light on the dash will come on. This is normal when in hazard mode and will reset when turned off.

1. Make sure bike power is off.
2. Locate stock connector block for taillight/turn signals under seat. If a Run/ Brake/Turn module is installed, Smart Signal Stabilizer™ MUST go before Run/Brake/Turn module.
3. Unplug main harness connector from fender harness connector.
4. Plug Smart Signal Stabilizer™ in between these two connectors.
5. Before turning power on, make sure the load switch on the side of the Smart Signal Stabilizer™ is in the "normal" position. (See next page for Diagram).
6. Turn Ignition on, but do not start the bike. Activate the right turn signal, allow to flash 2 times. Activate the left turn signal, allow to flash 2 times. Activate the right turn signals again for at least 10 flashes. Activate the left turn signal for at least 10 flashes. Turn the ignition off and back on Check the function of the turn signals.

Have Questions? Call us at: 1 (800) 382-1388 M-TH - 8:30AM-5:30PM EST / FR - 9:30AM-5:30PM

7. Turn key on and test turn signal, running lights and brake lights for proper operation. If you experience fast flashing from the turn signals, turn the key off, move the recessed switch on the side of the Smart Signal Stabilizer™ to the "high" position (see diagram below). You can use a small screwdriver or similar object to move the switch. Repeat steps 6 & 7.
8. Test the lights for proper operation for running lights, brake lights and turn signals before riding.
9. Test Alarm for proper operation, if equipped.

### Custom Dynamics® Signal Stabilizer™ Load Switch Diagram



Everything to Light Up Your Ride®