

PROBEAM®

BY CUSTOM DYNAMICS®

CD #: PB-KIT-EU

We thank you for purchasing the Custom Dynamics® ProBEAM® HDI Bullet style turn signal conversion (1156 rear, 1156 front) for international models! Our LEDs offer maintenance free service and higher visibility. Our ProBEAM® product line utilizes the latest technology and automotive grade components to ensure the highest level of reliable service. Custom Dynamics® offers one of the best warranty programs and customer support in the industry. If you have any questions during the installation of this product please call us at 1(800) 382-1388.

Part Number: PB-AW-1156 (Patent Pending)

Package Contents:

- Front ProBEAM® 1156 LED Bullet Turn Signals
- Rear ProBEAM® 1156 LED Bullet Turn Signals
- SMART Signal Stabilizer™ (TSSM models)

Fitment: HDI Harley-Davidson® models equipped with Bullet Style single intensity 1156 front and rear turn signals.



Please read all Information below before Installation

Note:

- Use care in removing the OEM lens and bulbs from the housing, so as not to scratch or mar the chrome housing. Custom Dynamics® is not liable for damage to chrome housing during installation.
- Dielectric grease does not need to be used with this LED product, it can actually prevent them from working. Remove any excess grease from your turn signal sockets before inserting.

*****IMPORTANT*****

CAN Bus Models: This LED product is BCM compliant. However, you must run the 4 way hazard flashers for 3 minutes to allow the BCM to sync the new load after the new LED turn signals are installed.

Non CAN Bus Models: A SMART Signal Stabilizer® or Load Equalizer is required to ensure proper turn signal function and have the proper flash speed.



Installation instructions on next page..

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

Installation Instructions - Page 2

Installation:

1. Remove the existing lens from turn signal housing.
2. Remove existing bulb from turn signal housing.
3. Remove any corrosion or dielectric grease from the socket to insure the socket contacts are clean.
4. Using a small flat blade screwdriver, go around the perimeter of the reflector and slightly push the black gasket into the housing to allow proper clearance of the new LED turn signal (Refer to Figure 1). **For PB-A-1156 skip to step number 6.**
5. **(PB-AW-1156 ONLY)** Route white wire through turn signal housing, this may require drilling a 1/8" hole in the back of the reflector and/or housing. Connect white wire to a running light power source.
6. Insert the socket base into the socket.
7. Twist the LED turn signal a few rotations to coil wire from the turn signal to the socket base. Insert LED turn signal into housing and install new lens.
8. Insure the notch in the lens gasket is aligned with the notch in the lens. (Refer to Figure 2.)
9. Install the lens on the turn signal housing with the lens notch located at the bottom of the turn signal housing. (Refer to Figure 3.) **Caution: If there is a gap between the lens and the housing, water will leak into the unit and cause damage, be sure the lens is fully seated.**
10. Check operation of turn signal in all modes.



Figure 1

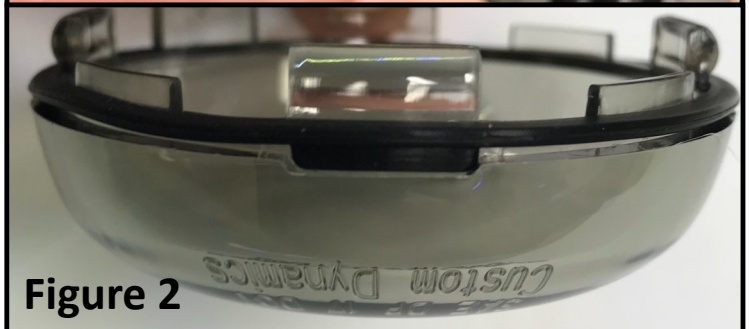


Figure 2

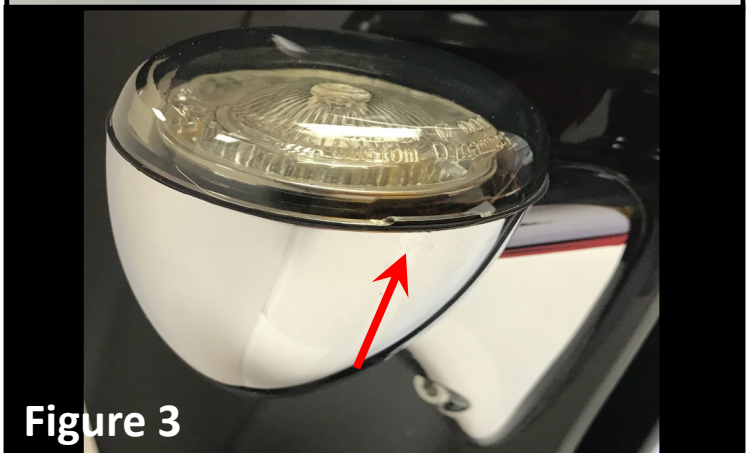


Figure 3

Installation Instructions - Page 3

Signal Stabilizer Installation (If required):

1. Make sure bike power is off.
2. Locate stock connector block for taillight/turn signals under the seat (**GEN2-SS6** connectors are located under the left side cover). If a Run/Brake/Turn module is installed, the Signal Stabilizer™ MUST go before the Run/Brake/Turn module. Run/Brake/Turn module must be compatible with the Signal Stabilizer™ to insure proper operation.
3. Unplug main harness connector from fender harness connector.
4. Plug Signal Stabilizer™ in between these two connectors.
5. Before turning power on, make sure the load switch on the side of the stabilizer is in the “normal” position. (Diagram below).
6. Turn the key on and perform a turn signal synchronization. With the key in the run position and the motor off, press the right turn signal button and allow the turn signal to flash 2 times, after the second flash press the left turn signal button and allow the turn signal to flash 2 times, after the second flash press the right turn signal and allow it to flash at least 10 times. Turn key off.
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 stabilizer to the “high” position (see diagram on next page), use a small screwdriver or similar object to move the switch. Repeat steps 6 & 7.
8. Test Alarm for proper operation, if equipped.

Signal Stabilizer™ Load Switch Diagram

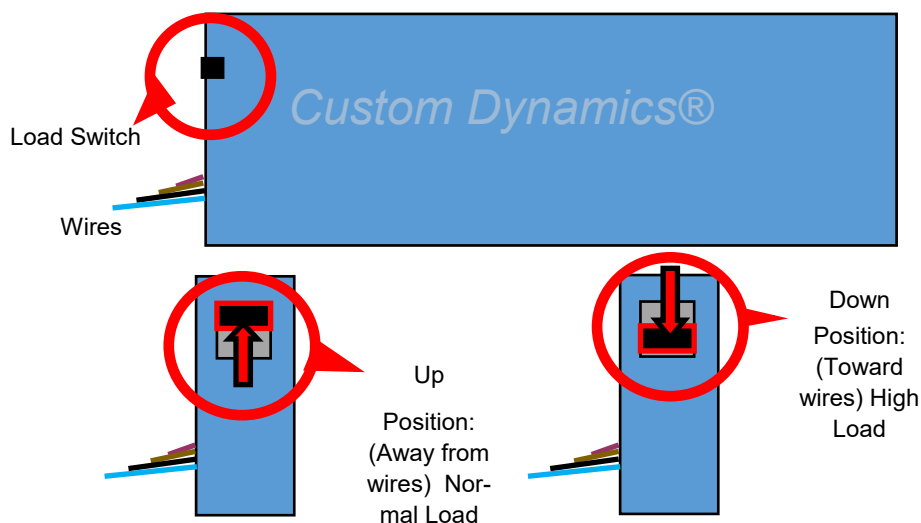


Figure 2