

# PROBEAM®

BY CUSTOM DYNAMICS®

Drag #: 2020-1698  
CD#: PB-HD-KIT1

We thank you for purchasing the Custom Dynamics® ProBEAM® Turn Signal Kit! 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.

## Package Contents:

- ProBEAM® Amber/ White LED Inserts (1 pair)
- Smoked ProBEAM® Lenses (1 pair)
- ProBEAM® Red 1156 LED Inserts (1 pair)
- Red ProBEAM® Lenses (1 pair)
- Smart Signal Stabilizer™ (1)

Front LED US Patent 830597, 830595

Chinese Patent ZL201830045649.4, Other Patent Pending

Rear LED US Patent 851817, 851,327

Chinese Patent ZL201830409102.8, ZL201830409095.1



**Fitment:** '02-'11 Harley-Davidson® Dyna® models (Except '09-'11 FXDB, '10-'11 FXDWG) '02-'10 Softail® models (Except FLSTC, FXCW, FXCWC), '06-'09 Street Glide, '02-'13 CVO™ Electra Glide, '02-'12 CVO™ Road King, '11 CVO™ Road Glide Ultra, 2007-2009 CVO™ Springer, '09-'10 CVO™ Fat Bob, '07-'08 CVO™ Dyna (FXDSE), '06 CVO™ Fat Boy, '03-'04 CVO™ Deuce, '02 CVO™ Wide Glide



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.

**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:

1. Remove the existing lens from turn signal housing. Use care in removing the OEM lens and bulbs from the housing, so as not to scratch or mar the chrome 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.
5. Confirm the proper orientation of the socket base and insert the base into the socket. If it seems hard to twist the base in the socket or hard to remove, it is probably orientated the wrong way.
6. 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.
7. Confirm lens is installed correctly to prevent excess moisture or water from entering the turn signal housing (see back page).
8. Check operation of turn signal in all modes.

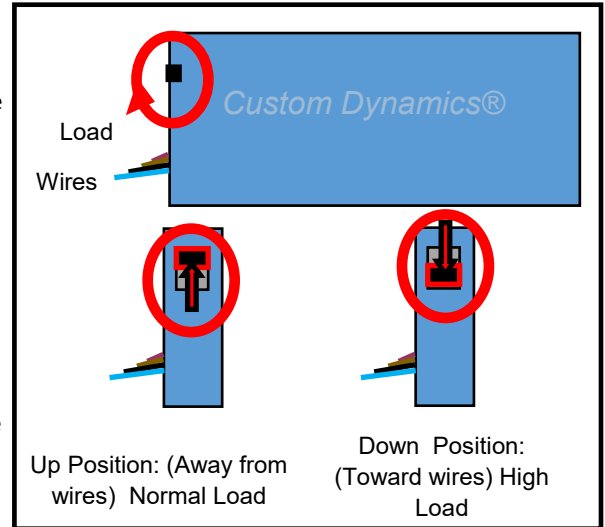


Questions? Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

## Installation Instructions - Page 3

### Smart Signal Stabilizer Installation:

1. Make sure bike power is off.
2. Locate stock connector block for taillight/turn signals in the left side panel. 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 Load" position.
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.



## PREVENTING WATER DAMAGE



1. ProBEAM® turn signals should be installed with lenses provided by Custom Dynamics® included in original packaging.
2. Be sure the lens is fully seated against the turn signal housing when installed and there are no gaps between the turn signal housing and the lens all the way around the perimeter.
3. 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 all the way around the perimeter.
4. If the lens will not fully seat on the housing, it may be necessary to trim any excess gasket with a small flat blade screw driver. Refer to image below.
5. Do not use the lens if any of the tabs are broken, doing so may cause water to enter the housing.
6. Do not install the lens without the ProBEAM lens gasket in place, doing so will cause water to leak into the housing.



*Custom Dynamics® is not liable for damage to product as a result of incorrect installation.*