

PROBEAM®

BY CUSTOM DYNAMICS®

Custom Dynamics® ProBEAM® Bullet Bezel Turn Signal Kit Installation Instructions

We thank you for purchasing the Custom Dynamics® ProBEAM® Bullet Bezel TSSM TURN SIGNAL CONVERSION KIT (1156 REAR, 1157 FRONT)! 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.

US Patent 830597, 830595, 851817, 851327
Chinese Patent ZL-201830045649.4, ZL-201830409102.8, ZL-201830409095.1, Other Patent Pending

Package Contents:

- Front 1157 ProBEAM® Amber/ White LED Inserts with Chrome or Black Bezels with Smoked Lenses (1 pair)
- Rear 1156 ProBEAM® Red LED Inserts with Chrome or Black Bezels with Red Lenses (1 pair)
- Plug and Play SMART Signal Stabilizer™ (Required)

Fitment: Plug & Play on 1999-2013 Harley-Davidson® Sportster® Models (Except XR1200).



ATTENTION

Please read all information below before installation

- **The GEN2-SSHD Signal Stabilizer™ is alarm 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.)
- 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*****

This LED product is TSSM compliant. However, you must perform a turn signal synchronization as stated in the instructions after the new LED turn signals and Signal Stabilizer™ are installed.



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

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Installation:

1. Remove the existing lens from turn signal housing.
2. Remove existing bulb or LED 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 turn signal housing reflector and slightly push the black gasket into the housing to allow proper clearance of the new LED turn signal as shown in **Picture 1**.
5. Confirm the O-ring is installed on the Bullet Bezel Turn Signal lens as shown in **Picture 2**.
6. 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.
7. Twist the Bullet Bezel LED turn signal a few rotations to coil wire from the turn signal to the socket base. Insert the Bullet Bezel Turn Signal into the turn signal housing. Push and snap the Bullet Bezel Turn Signal into the turn signal housing.
8. Check operation of turn signal in all modes.



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GEN2-SSHD Installation:

1. Make sure bike power is off.
2. Locate stock connector block for taillight/turn signals under the seat. 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. (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.

