



Custom Dynamics® Billet Diamond LED Unit Installation Instructions

We thank you for purchasing the Custom Dynamics® Billet Diamond LED Unit. Our products utilize the latest technology and high quality components to ensure you the most reliable service. 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.

Part Numbers: DIAMOND-BILLET CH/BL

Package Contents:

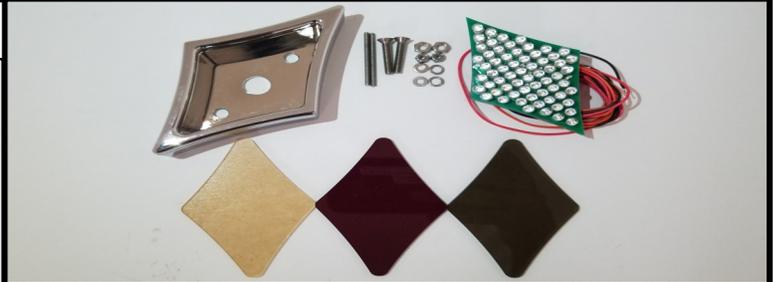
- Diamond Housing (1)
- Lens (3)
- Hardware Package (1)
- Diamond LED Board with 3M Tape (1)
- Template (1)

Fits: Universal; Compatible with 12VDC systems with a negative ground.

Installation:

Surface Mount Instructions:

1. Select appropriate area for Diamond to be mounted.
2. Using attached template, trace outline onto desired surface.
3. Drill 3 holes, 2 outer holes will be used for mounting bezel, while center hole will be used for routing wires.
4. Remove bezel from Diamond housing by loosening two outer Allen screws.
5. Place mounting bolts into two outer holes of Diamond housing.
6. Test fit LED board into Diamond housing, once comfortable with fit remove red lining from back of LED board and mount LED board into housing, routing wires through center hole.
7. Select lens to be used, place a small bead of clear silicon around edges on both sides of lens, place lens into bezel and reinstall bezel to housing using Allen screws from step #4.
8. Mount Diamond assembly, routing wires and mounting bolts through drilled holes. Use split washers and standard nuts to tighten. **Do not use lock nuts.**
9. To Wire as Run-Brake:
 - Black to Ground.
 - Orange to Running Circuit.
 - Red to Brake Circuit.



Please read all Information below before Installation

Warning: Disconnect negative battery cable from battery; refer to owner's manual. Failure to do so may result in electrical shock, injury or fire. Secure negative battery cable away from positive side of battery and all other positive voltage sources on vehicle.

Safety First: Make sure the bike is parked on a level surface and bike's mechanical components are cool to the touch.

Flush Mount Instructions:

1. Select appropriate area for Diamond to be mounted.
2. Using attached template, drill 2 holes, and make cut out in surface using template.
3. Remove bezel from Diamond housing by loosening two outer Allen screws.
4. Test fit Diamond housing and bezel, housing will go behind cut surface and bezel will mount on the outside of the cut surface.
5. Test fit LED board into Diamond housing, once comfortable with fit remove Red lining from back of LED board and mount LED board into housing, routing wires through center hole.
6. Place a bead of clear silicon around mounting surface of Diamond housing.
7. Place flat washer and lock nuts onto two long threaded studs. Holding Diamond housing in place on mounting surface, run studs through Diamond housing and mounting surface.
8. Select lens to be used, place a small bead of clear silicon around edges on both sides of lens, place lens into bezel. Place a small bead of clear silicon around edge of bezel and mount bezel to surface. Turn nuts on mounting studs and start to thread into bezel.
9. Tighten nuts down securely but do not over tighten.
10. Re-seal any openings with clear silicon.

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