



Custom Dynamics® Dynamic Amber/White LED Mirrors Installation Instructions

We thank you for purchasing the Custom Dynamics® Dynamic Amber/White LED Mirrors. 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: CD-MIR-PLUG-B
CD-MIR-PLUG-C

Package Contents:

- Dynamic Amber/White LED Mirror (2)
- Star Washer (2)
- JAE Male Connector (2)
- 5/16-24 Nylon Locking Nut (2)
- Cable Ties (8)

Fits: Direct replacement for OEM mirrors on models with a 5/16" pass through mounting hole. 12VDC negative ground systems. Plug and play with Wire Adapter (sold separately).

NOTE: Harley-Davidson® Batwing Fairing models including Electra Glide, Ultra, Street Glide & Tri Glide require 2" mirror stem extension kit 0641-0174 or 0641-0175 (sold separately) when installed with OEM handlebars.



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: Always wear appropriate safety gear including safety glasses when performing any electrical work. It is highly recommended that safety glasses be worn throughout this installation process. Be sure vehicle is on level surface, secure and cool.

Important: This product is designed and intended for use as auxiliary lighting only. It is NOT intended to replace any original equipment lighting installed on the vehicle and should not be used for that purpose. This product must be wired so that it does not interfere with any original equipment lighting.

Warning: Mirror should not be rotated more than 180 degrees on the stem or internal wiring damage will occur.

Note: Connectors are for plug and play installation with wire adapter (sold separately). Connectors can be removed for 3-wire installation.



Installation:

1. Remove both mirrors from packaging and identify the left and right mirror. The "OBJECTS IN MIRROR ARE CLOSER THAN THEY APPEAR" warning should be located on the bottom of the mirror. The mirror with the purple wire in the harness will mount on the left side. The mirror with the brown wire in the harness will mount on the right. Refer to Figure 1.
2. Remove the protective film wrap from the mirror.
3. Hold the mirror in the correct orientation with both hands as shown in Figure 2.



Questions? Email: Info@Customdynamics.com or Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

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Installation Continue:

4. Rotate the Stem down 90 degrees on both mirrors as shown in Photo 3. Both mirrors are now ready to mount on the bike as shown Figure 4.
5. Disconnect the negative battery cable from the battery.
6. Remove the existing left and right mirrors from the hand controls. Save the existing flat washer as it will be reused and discard the rest of the hardware.
7. Slide the existing flat washer onto the Dynamic A/W LED Mirror stem.
8. Insert Dynamic A/W LED Mirror stem into the hand control.
9. Install the provided Star Washer and Nylon Locking Nut, onto the Dynamic A/W LED Mirror stem and tighten.
10. Repeat Steps 2 and 3 for the opposite side.
11. **Note: Plug and Play Installation only, skip to Step 14 for hardwiring applications.** Install the provided JAE connectors onto the pre-pinned wires from Dynamic A/W LED Mirror by pushing the pins into the connector ports according to Figure 5 (locking tab oriented at top of JAE connector):
 - Port 1 = Empty
 - Port 2 = Black
 - Port 3 = Violet/Brown
 - Port 4 = Blue
12. Pins should snap in place and not pull back out of connector when installed correctly. **Note:** Scan the QR code below for a JAE pin installation video. See Figure 6.
13. Connect the Dynamic A/W LED Mirror harness male JAE to the Wire Adapter JAE (sold separately). Refer to the Mirror Harness Installation instructions.
14. **Note: For hardwire installations without the Turn Signal Adapter.** Remove the pins from the Dynamic A/W LED Mirror and connect the wires to the bikes lighting circuits. See Wiring Diagram on Page 3.
 - Blue:** White forward facing LED's
 - Violet/Brown:** Amber forward facing LED's
 - Red:** Red rear facing LED's (Must remove heat shrink for brake function)
 - Black:** Ground
15. Connect the negative battery cable from the battery.
16. Test for proper operation of all lighting.

2



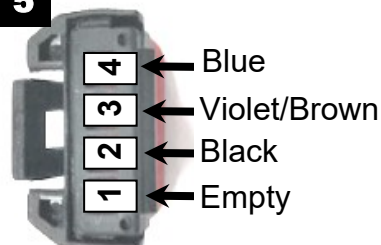
3



4



5



6



Note: The mirror with the purple wire in the harness will mount on the left side. The mirror with the brown wire in the harness will mount on the right.

Mirror Viewing Angle Adjustment



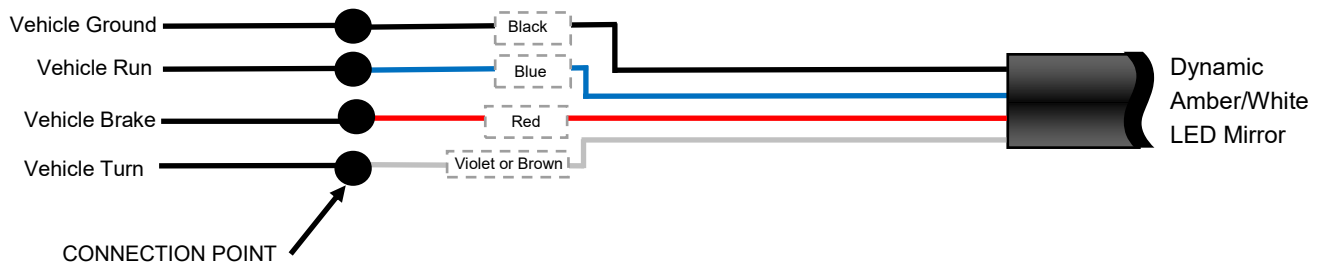
To adjust the mirror viewing angle:

1. Loosen the 2 screws on the back side of the mirror.
2. Adjust mirror for the proper viewing angle while sitting on the bike.
3. Retighten both screws equally, do not exceed 35 in-lbs.

Warning: Mirror should not be rotated more than 180 degrees on the stem or internal wiring damage will occur.

Wiring Diagrams (Hardwire only)

Rear Facing Red LEDs Functioning as Brake Light



Rear Facing Red LEDs Functioning as Turn Signal

