



Custom Dynamics® Softail Rear Lighting Adapter Kit Installation Instructions

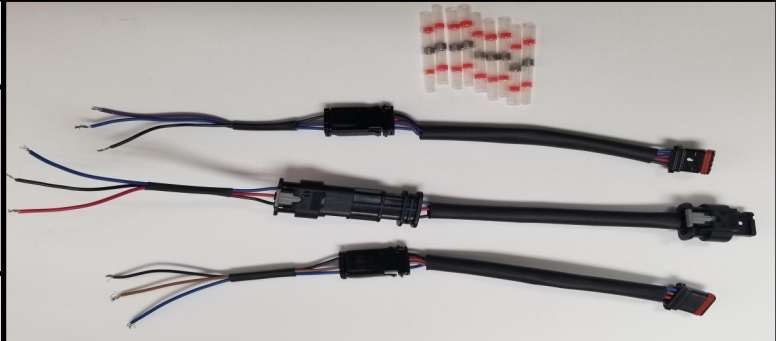
We thank you for purchasing the Custom Dynamics® Softail Rear Lighting Adapter Kit. Our products utilize the latest technology and high quality components to ensure you the most reliable service. We offer one of the best warranty programs in the industry and we back our products with excellent customer support, if you have questions before or during installation of this product please call Custom Dynamics® at 1(800) 382-1388.

Part Numbers: CD-18ST-ADPT

Package Contents:

- Softail Rear Lighting Adapter Kit (1)
- Seal and Solder Heat Shrink Sleeve - Red (9)
- Instructions

Fits: 2018-2022 Harley-Davidson® Softail Street Bob (FXBB/FXBBS), Heritage Classic (FLHC/FLHCS), Deluxe (FLDE), Fat Boy (FLFB/FLFBS), Fat Bob (FXFB/FXFBS), 2020-2022 Softail Standard (FXST) & Low Rider S (FXLRS), 2022 Low Rider ST (FXLRST), 2018-2020 Low Rider (FXLR) & Breakout (FXSB/FXSR), 2018-2021 Sport Glide (FLSB) & Slim (FLSL) and 2019-2020 FXDR.



Installation:

1. Remove the seat and locate the 3 rear lighting harness connectors as shown in Photo 1.
2. Disconnect the OEM Rear lighting harness and remove from bike.
3. Connect the Softail Rear Lighting Adapter Kit as shown in Photo 3.
4. Connect your after market rear lighting to the Softail Rear Lighting Adapter Kit using the provided Seal and Solder heat shrink sleeves. Strip the wire back and interweave the wire strands together. Slide heat shrink sleeve over the connection until the metal solder band covers the bare wire strands. Apply heat to melt the solder and shrink the sleeve in place. Refer to page 2 and 3 for wiring diagrams.
5. Perform a BCM Sync by turning on the four way flashers. Once engaged turn off the bike. Let four ways flash for at least a minute. Power the bike back on to turn off the four ways.
6. Reinstall seat and test all lighting functions.



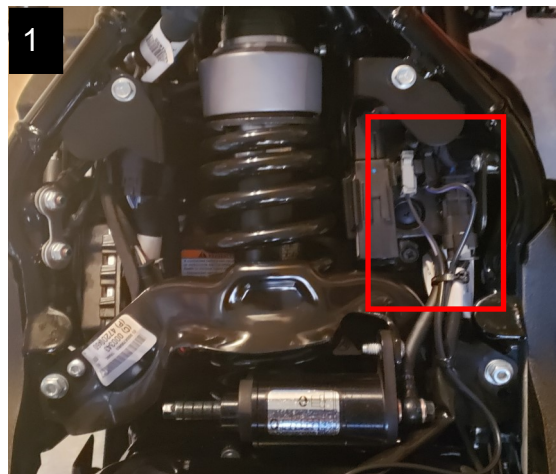
ATTENTION

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.

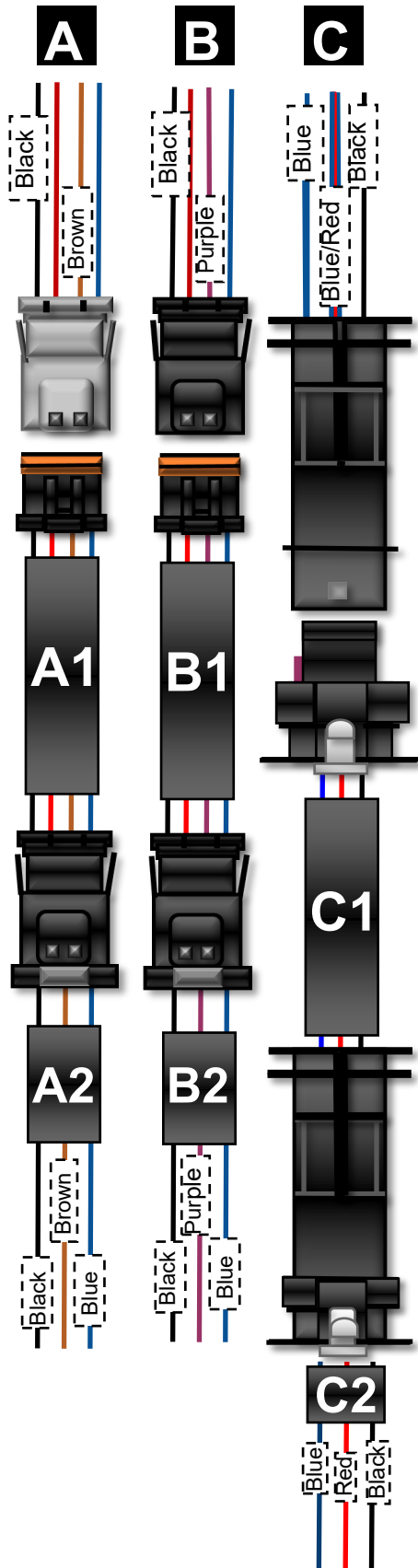
Important: Check local and state laws before removing OEM turn signals. If your state requires turn signals, add DOT compliant units to your vehicle.



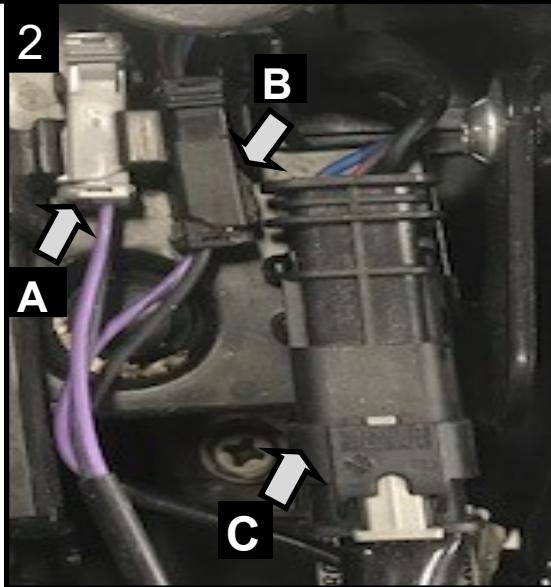
Questions? Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

Page 2 Wiring Diagrams

3



2



1. Refer to Photo 2 to identify the three rear lighting connectors on the bike.
 - A- Gray Right Turn Signal Connector
 - B- Black Left Turn Signal Connector
 - C- Center Taillight Connector
2. Refer to Photo 3 and connect the three harnesses included in the CD-18ST-ADPT kit into the bike three rear lighting connectors. The left and right turn signals are designated by wire color.

- A → A1 → A2 Right Turn Signal Connector (Brown wire).
- B → B1 → B2 Left Turn Signal Connector (Purple wire)
- C → C1 → C2 Center Taillight Connector

Wire color and Function

Heritage Classic, Deluxe, Low Rider® and Low Rider® S and 2019-2020 FXDR 114

2018-2020 Harley-Davidson® Softail® Street Bob, Fat Bob, Breakout, Slim, Fat Boy, Sport Glide

A2 (Right Turn Signal Connector)

A2 (Right Turn Signal Connector)

Black-Ground

Black-Ground

Brown-Right Turn

Brown-Right Turn

Blue-Running

Blue-Running

B2 (Left Turn Signal Connector)

B2 (Left Turn Signal Connector)

Black-Ground

Black-Ground

Purple-Left Turn or Brake/Left Turn

Purple-Left Turn or Brake/Left Turn

Blue-Running

Blue-Running

C2 (Center Taillight Connector)

C2 (Center Taillight Connector)

Black-Ground

Black-Ground

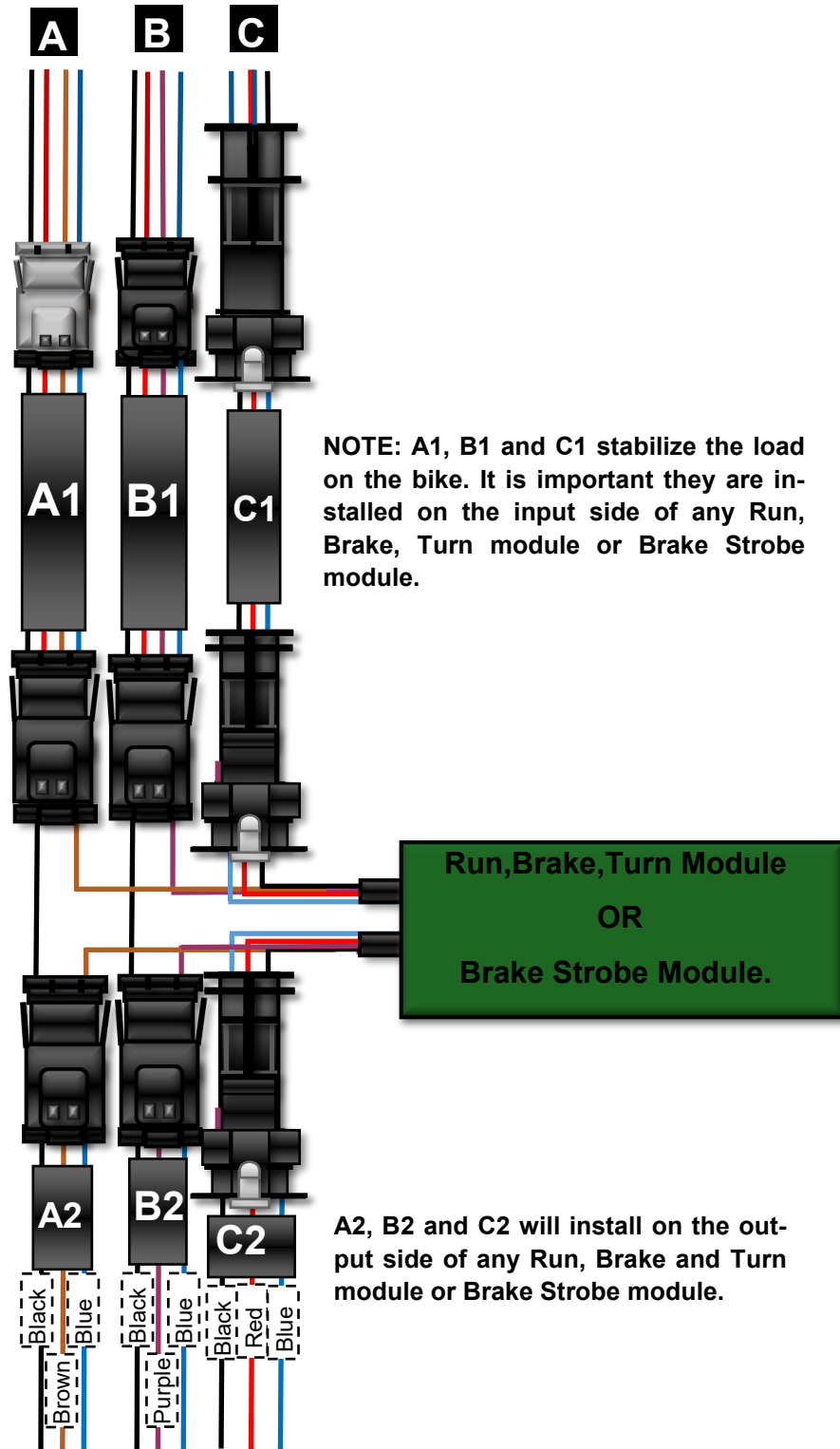
Red-Brake

Red-Brake

Blue-Running

Page 3 Wiring Diagrams

Input from the Bike



NOTE: A1, B1 and C1 stabilize the load on the bike. It is important they are installed on the input side of any Run, Brake, Turn module or Brake Strobe module.

A2, B2 and C2 will install on the output side of any Run, Brake and Turn module or Brake Strobe module.