



## Custom Dynamics® TruFLEX® Integrated Plate Frame Installation Instructions

We thank you for purchasing the Custom Dynamics® TruFLEX® Integrated Plate Frame! Our products utilize the latest technology and high quality components to ensure you the brightest, most reliable LED's on the market. 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 Number: TF04-B/C, TF05-B/C**

### **Package Includes:**

- TruFLEX® Integrated Frame (1)
- Dual Converter TFC3 (1)
- Mounting hardware (pack)

### **Optional Items Purchased Separately:**

- PTA2022 Posi-Tap™ connectors for wiring

Fits: Compatible with Harley Davidson® models that have a center taillight and single intensity rear turn signals that function as turn signal only.

**NOTE:** Can be used on 2014-2019 Harley Davidson® Street Glide®, Road Glide®, Road King Special®, Electra Glide®, Ultra, 2016 Road Glide Ultra CVO™ and 2016-2019 Limited CVO™ models if a GEN-TSD (Sold Separately) module is installed for proper turn signal function.



## **⚠ ATTENTION ⚠**

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.

### **Installation:**

1. Mount license plate frame in desired location with the provided hardware. You may need to notch license plate to allow for wires to pass through, use heat shrink to protect wires from any sharp edges on plate mount.
2. Route wiring to suitable location for tapping into the bikes signal wiring. Take care to secure wiring so that it is not vulnerable to being pinched, pulled, cut or frayed.

### **Wiring - (see Diagram on next page)**

3. Connect all Black wires to good ground.
4. Connect the white wire to 12VDC running light power source.
5. Connect Red wire to 12VDC brake wire. If Dual Converter is to be used, connect red wire on the TruFLEX® to the single red wire side of the dual converter. Connect red wire on opposite end to brake power source and the orange to 12VDC running light source.
6. Connect the yellow wires to the left and right positive turn signal feed from the flasher. Use a meter or test light to confirm correct wires.
7. Check operation of the TruFLEX® Integrated Plate Frame for running, brake and left and right turn signals.

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

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### Integrated Plate Frame Wiring Diagram

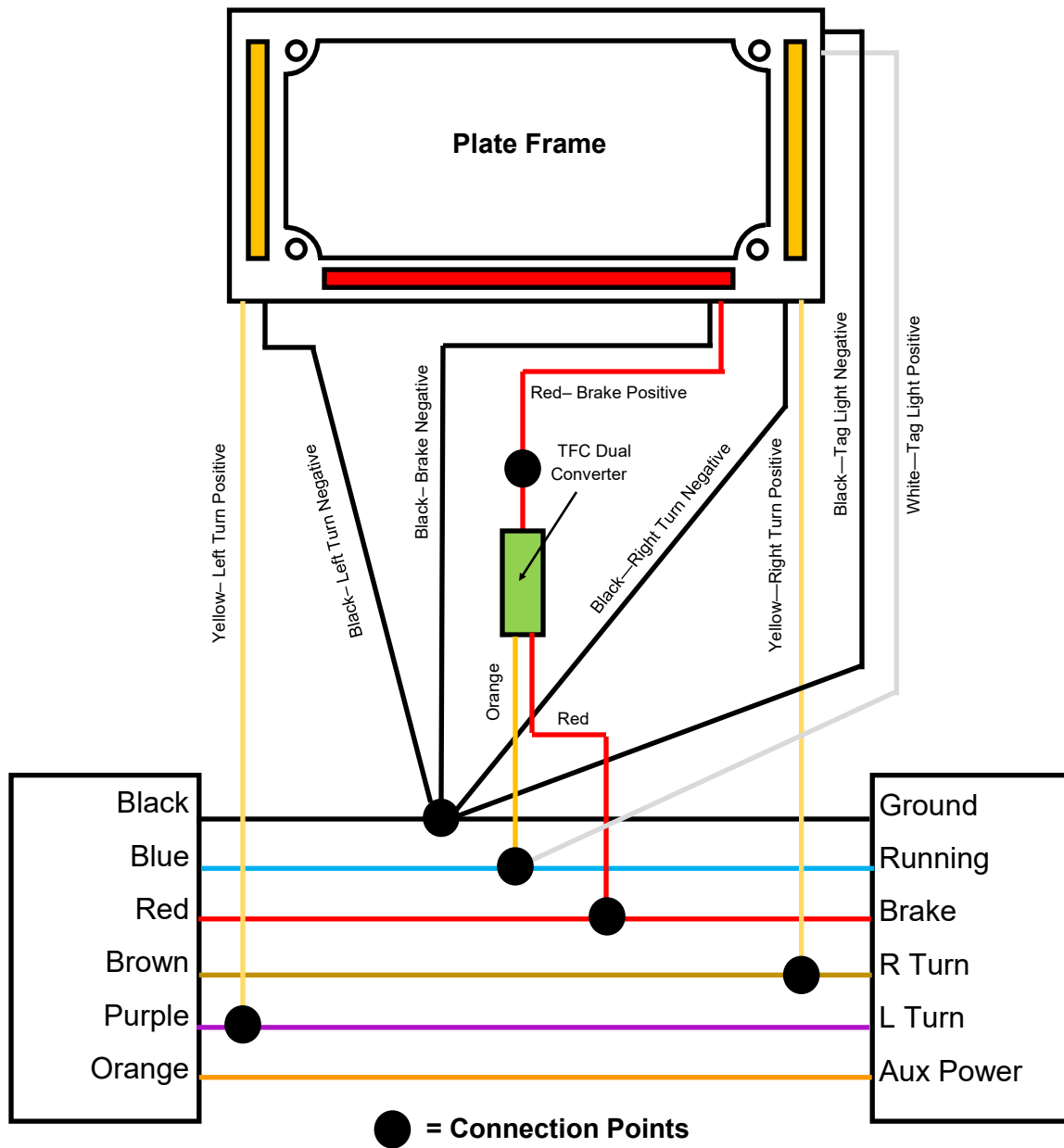


Diagram depicts the wiring color codes for a typical Harley-Davidson wire harness, when installing on other makes, please refer to your owners manual or service manual for the appropriate wire color codes. Use a meter and or test light to determine wire function if the former is not available. Not for use with bikes without a center tail light. If using with a Run Brake Turn Controller, the product must be installed before the RBT signal for correct operation.