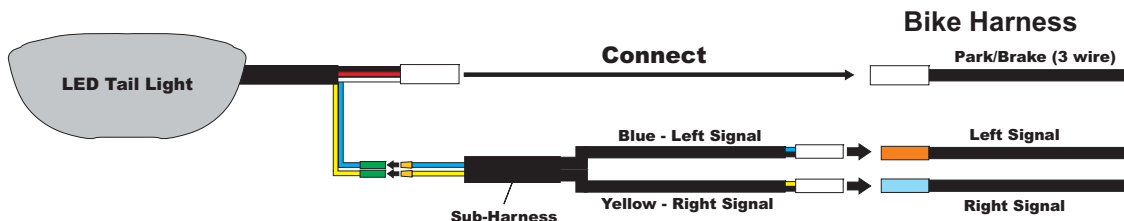


# Honda CBR650R/CB650R 2019-2023 Sequential LED Tail Light Installation Guide Part# H-19CBR650R-C/S



## **Pre-installation Checklist:**

- Battery is in healthy and fully charged condition - may need engine on after installation to operate signals
- If aftermarket front LED signals are installed:
  1. Resistors must be installed on front to slow down the flash rate
  2. Disable any running/park lights if available (for single circuit LED turn signals)
- Signals must be flashing at the stock OEM rate prior to install

### **Park/Brake:**

Locate the main 3 wire harness from the bike and connect with the 3 wire connector on the LED tail light.

Wire Color Schematics (if needed):

Red Wire - Park (+)

White Wire - Brake (+)

Black Wire - Ground (-)

### **Integrated Turn Signals (optional):**

Using the supplied sub-harness, connect the yellow and blue wire to the matching yellow and blue wire on the LED tail light.

Connect the opposite end of the sub-harness to the bikes factory left and right signal connectors (orange and blue plugs).

### **Note:**

Two resistors are wired inside the sub-harness. It is normal that these resistors get hot when the turn signals are activated. We recommend to mount on metal sub frame away from soft plastics, toolbags, etc to help dissipate the heat.

## **Motodynamic Sequential LED Tail Light Programming Instructions**

**NOTE:** It is recommended that the tail light is programmed prior to installation if the button cannot be reached after it is mounted to the bike. Simply connect the main harness to supply power to the tail light while the key is in the "ON" position.



1. Locate the program button on the back housing
2. Turn the key to the "ON" position, making sure the park lights are on
3. Press the button consecutively within 1 second between each press to program the following:

ON/OFF Stop Alert - hit button 3 times

ON/OFF Sequential Signals - hit button 4 times

The parking light (red) will flash off and on again very briefly within 4 seconds to verify the settings have been saved.

**Note:** Turning off Stop Alert will enable the brake light to be constant on during brake activation just like stock. Turning off sequential signals will enable the entire left or right half to turn on when the signals are activated.

\*For troubleshoot information please visit:  
<http://www.motodynamic.com/faqs>