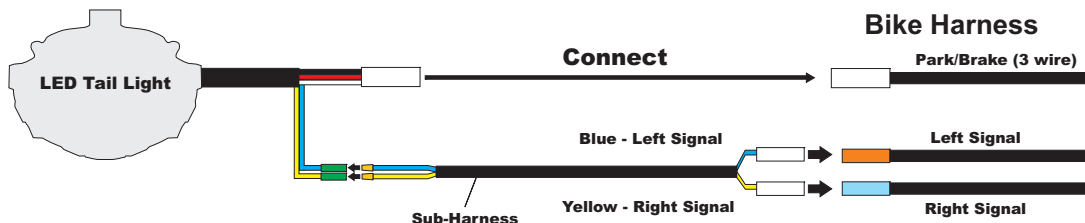


Honda CBR500R/CB500F 2019-2023* Sequential LED Tail Light Installation Guide

Part# H-19500R-C/S

*Aftermarket LED compatible flasher relay required



Pre-installation Checklist:

- Battery is in healthy and fully charged condition
- Aftermarket LED compatible flasher relay must be fitted to bike before installation



Location of relay is under the gas tank:

1. Remove seat (2 bolts at the rear under cushion)
2. Remove side undertank panels (1 bolt and 1 plastic fastener)
3. Remove 1 bolt/nut at rear of tank
4. Remove 2 bolts at front of tank
5. Lift up tank slightly enough to access underneath
6. Lift up on relay to remove, extract from rubber keeper and unplug.

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 (-)

Turn Signals:

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.

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 rubber plug on back housing and remove it
2. Turn the key to the "ON" position, making sure the park lights are on
3. Beneath the rubber plug is a push button, use a pin or similar tool to 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 within 2 seconds to verify the settings have been saved. The factory settings are defaulted to ON right out of the box for all functions.

4. Install the rubber plug back into the hole

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>