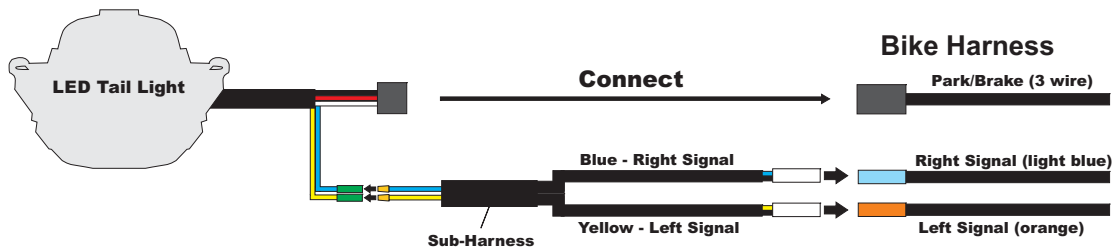


Honda CBR500R/CB500F 2024-2026 Sequential LED Tail Light Installation Guide Part# H-24500R-C/S



Pre-installation Checklist:

- Battery is in healthy and fully charged condition 12V with engine off and 13.8V with engine on.
- If aftermarket front LED signals are installed:
-Resistors must be installed on front to slow down the flash rate
- 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 (-)

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. Insulate with green cover.

Connect the opposite end of the sub-harness to the bikes factory left and right signal connectors. Blue wired connector to light blue Honda connector and yellow wired connector to orange Honda connector, see illustration.

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 them up against a metal chassis away from soft plastics, toolbags, etc so that the heat can dissipate.

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

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 fabric sticker on back housing and remove it to reveal the button underneath
2. Turn the key to the "ON" position, making sure the park lights are on
3. Using a non-metallic tool or similar tool to press the button consecutively within 1 second between each press to program the following:
 - ON/OFF Stop Alert (default ON) - hit button 3 times
 - Toggles between Sequential (default), Reverse Sequential and Standard signals - hit button 4 times

The light will flash red for brake light programming or yellow for signal programming within 2 seconds to verify the settings have been saved. Stop Alert and Sequential Signals are defaulted ON out of the box.

4. Reinstall the fabric sticker

Note: Turning off Stop Alert will enable the brake light to be constant on during brake activation just like stock. Turning on Standard signals will allow the entire side to flash.

Hazard Light Override:

Our tail light is equipped with a hazard light override function. While hazards are on, and you press the brakes, the hazards will cancel out and brake light will have priority. Once brakes have been disengaged, hazard lights will resume.