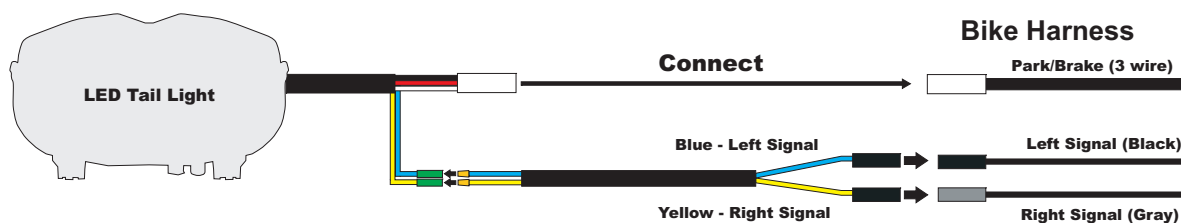


# 2021-2023 Yamaha MT-09 Sequential LED Tail Light Installation Guide

Part# Y-21MT09-C/S



## **Pre-installation Checklist:**

- Battery is in healthy and fully charged condition outputting a minimum of 12V.
- Factory or factory equivalent front turn signals are installed.
- 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:**

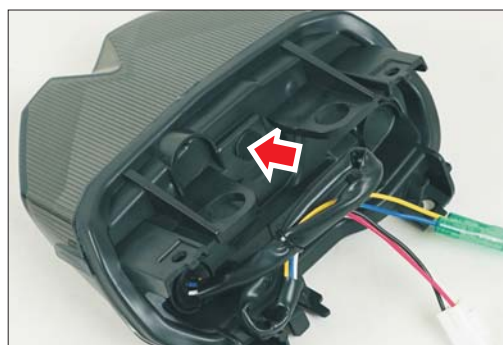
Using the supplied sub-harness, connect the yellow and blue wire to the matching yellow and blue wire on the LED tail light, insulate with green cover. Connect the opposite end of the sub-harness to the bikes factory left and right signal connectors.

## **Hazard Lights Override:**

When hazard lights are in use and the brake is applied, hazard lights will cancel and give priority to brake light. Once brake is disengaged, hazard lights will resume.

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

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



1. Locate the programming button on back housing (underneath the sticker)
2. Turn the key to the "ON" position, making sure the park lights are on
3. Use a pin or similar tool to press the button consecutively within 1 second between each press to program the following:

- ON/OFF Optional LED running lights - hit button 2 times
- ON/OFF Stop Alert - hit button 3 times
- Toggles between Sequential, Reverse Sequential and Standard Signals - hit button 4 times

The light will automatically flash within 2 seconds, either red or yellow depending on which function is programmed to verify the settings have been saved. Stop Alert defaulted to ON, Sequential signals defaulted to ON, optional running light defaulted to OFF.

**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 enable the entire left or right half to turn on when the signals are activated.