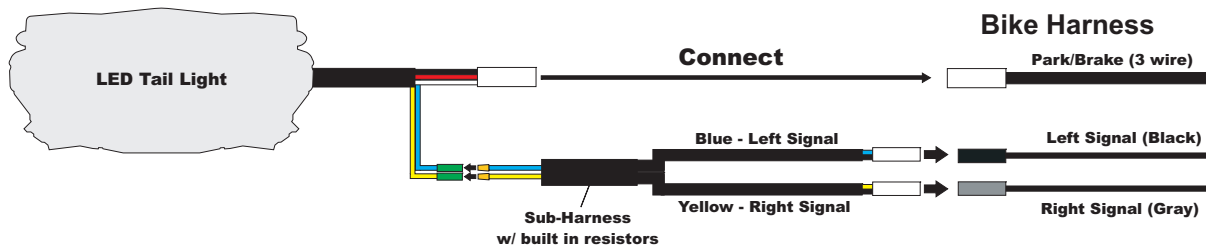


# 2017-2020 Yamaha FZ-09/MT-09 Sequential LED Tail Light Installation Guide

Part# Y-17FZ09-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
- 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 (-)

### **Sequential Signal:**

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 bike's factory left and right signal connectors.

To connect OEM + Integrated signals at the same time, please purchase optional splitter harness. Part number WH-SPL-Y02 + WH-NR-Y02. Do not use the subharness inside the tail light kit.

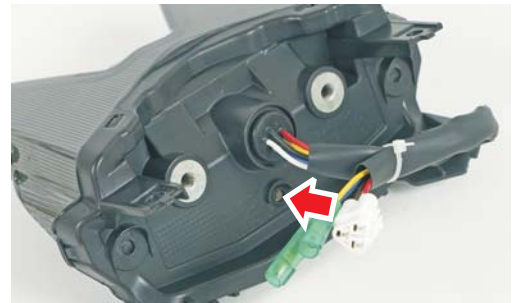


## **WARNING**

Two resistors are wired inside the sub-harness. It is normal that these resistors get hot when turn signals are activated. We recommend to mount in an area with sufficient cooling or up against a metal chassis away from soft plastics, tool bags, etc. Activating the hazard lights over an extended period of time will cause the resistors to generate a considerable amount of heat possibly causing damage to surrounding components.

## **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 programming button on back housing
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 Center LED running lights - hit button 2 times

ON/OFF Stop Alert - hit button 3 times

ON/OFF Sequential Signals - hit button 4 times

The light will automatically flash 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, with exception of the center LED running lights.

**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>