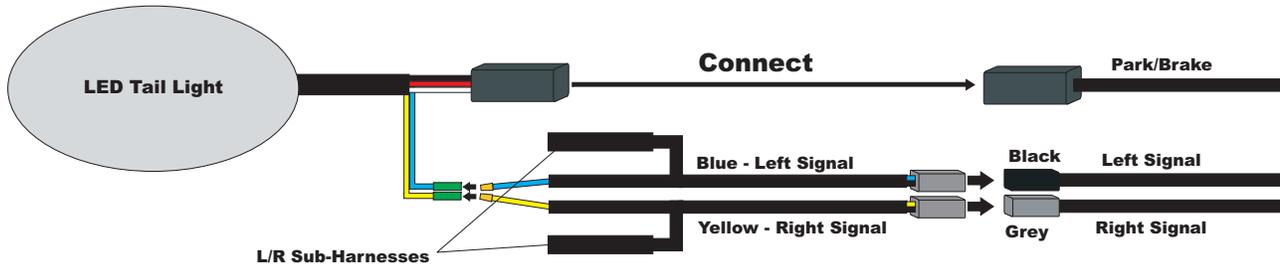


**Kawasaki Z900RS 2018-2023, 22'-23' Z650RS USA Models
Sequential LED Tail Light Installation Guide
Part# K-18Z9RS-C/S**



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 (or install LED flasher relay)
- 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:

1. Connecting Only Integrated Signals with factory or factory equivalent front signals along with factory flasher relay: (fender elimination recommended) Connect the sub-harness blue and yellow to the blue and yellow on the tail light. Connect the other end to the bike's left and right turn signal output connector (Black and Grey plugs).

2. Connecting Only Integrated Signals with aftermarket LED front signals along with aftermarket LED flasher relay: (fender elimination recommended) Connect the sub-harness blue and yellow to the blue and yellow on the tail light. Connect the other end to the bike's left and right turn signal output connector (Black and Grey plugs). Resistors are no longer needed. To disable the resistors, cut both the black wires on the subharness. Leave the blue and yellow wires intact. Optionally purchase our Kawasaki resistor bypass harness (SKU: WH-NR-K02 and install that in place of the subharness that come with the tail light.



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 on a metal subframe in an area with sufficient cooling away from soft plastics, tool bags, registrations papers, etc, so that the heat can dissipate.

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 button on the back housing, pressing it makes a subtle clicking noise
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 briefly flash off and on again within 3 seconds to verify the settings have been saved. The factory settings are defaulted to ON right out of the box for all functions.

4. To prevent accidental programming, turn off the bike and back on again to program again

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>