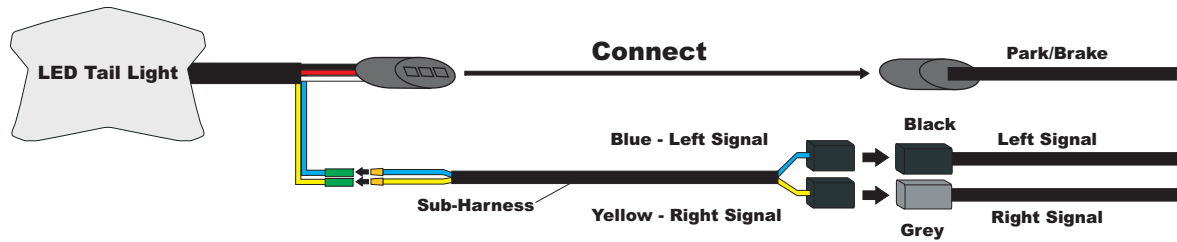


# 2023-2024 Ninja 650/Z650\* Sequential LED Tail Light Installation Guide

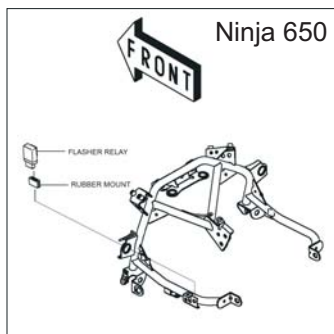
Part# K-23Z650-C/S

\*Aftermarket LED compatible flasher relay required

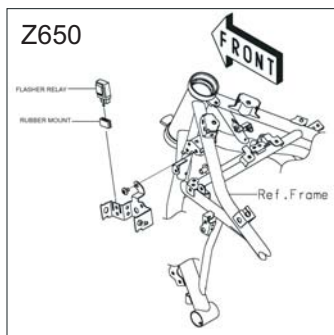


## Pre-installation Checklist:

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



2023-2024 Ninja 650 Relay Location:  
On left side of bike behind front side fairing.



2023-2024 Z650 Relay Location:  
On left side of bike behind front side fairing.

### Park/Brake:

Locate the main 3 wire harness from the bike and connect with the 3 wire connector on the LED tail light.

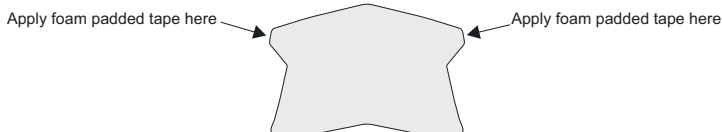
Wire Color Schematics (if needed):

- 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, insulate with green cover. Connect the opposite end of the sub-harness to the bikes factory left and right signal connectors. See above illustration.

Apply the included foam padded tape on the left and right corner of the lens



## 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 the back housing
2. Turn the key to the "ON" position, making sure the park lights are on
3. Using a non-metallic, non-sharp object press the button consecutively within 1 second between each press to program the following:

- Change running light pattern - hit button 2 times
- 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 1 seconds to verify the Stop Alert or Running light pattern function setting has been saved. The turn signals (yellow) will flash within 1 second if the Sequential Signal settings has been saved. The factory settings are defaulted to ON right out of the box for all functions.

**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>