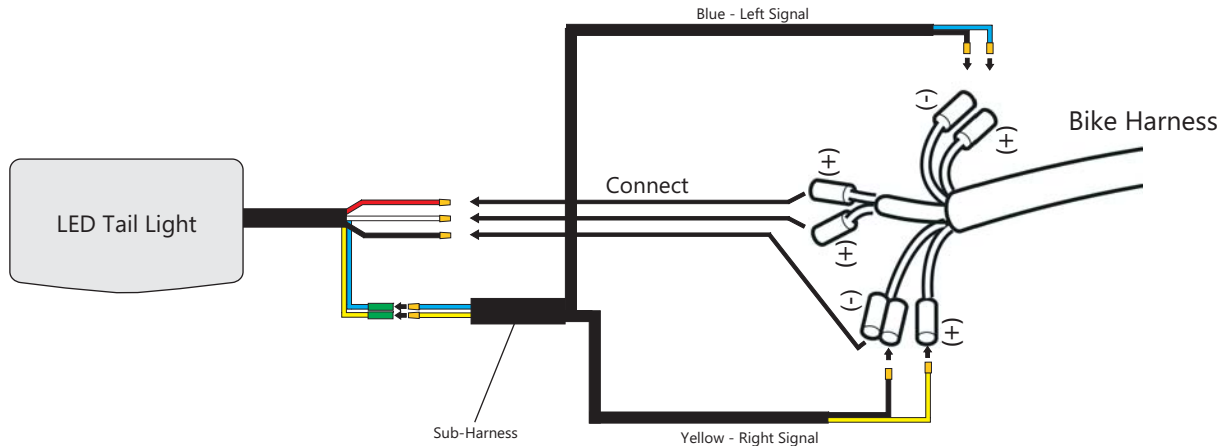


2003-2024 Honda Ruckus NPS50
Sequential LED Tail Light Installation Guide
Part # H-RUCK-V2-C/S



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 resistors must be installed on front
- ☐ Signals must be flashing at the stock OEM rate prior to install

Park/Brake:

1. Unplug 3 connections from back of factory tail light
2. Connect to LED tail light with the following configuration:

Green/Black - Black (Ground)
Green - White (Brake)
Black - Red (Park)

Note: Color may differ on various years.
If the configuration is not correct simply swap the wires around until the tail light functions properly.

Sequential Signal:

1. Please use supplied sub harness to connect the sequential signals
2. Connect the blue and yellow wire on the shorter end of the sub-harness to the corresponding blue and yellow on the LED tail light. Make sure the connector is pushed all the way in and use the green covers to insulate.
3. Disconnect and remove factory signal lamps. We recommend one at a time.
4. Locate the longer end of the sub-harness and connect the blue/black wires to the left signal output and the yellow/black wire to the right signal output.
5. Insulate as necessary and cable tie any wires out of the way.

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 rubber plug on back housing and remove it
2. Turn the key to the "ON" position, making sure the park lights are on
3. Beneath the rubber plug is a push button, use a pin or similar tool to press the button consecutively within 1 second between each press to program the following:

ON/OFF License plate light (if available) - 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 2 seconds to verify the settings have been saved. The factory settings are defaulted to ON right out of the box for all functions.

4. Install the rubber plug back into the hole

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.