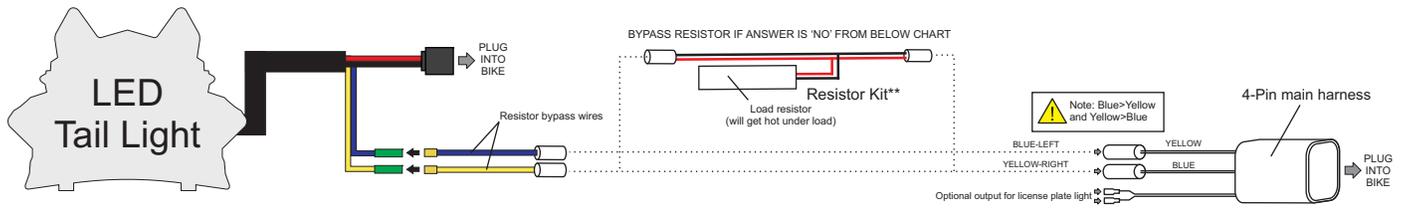# 2010-2018 BMW S1000RR/S1000R Sequential LED Tail Light

Part# BM-10S1RR-C/S, BM-14S1RR-C/S

⚠ In accordance with ADVISORY_06.19.14, models with factory BMW LED turn signals or if ECU was re-flashed please do NOT install any resistors either in the front or rear. Read here:
http://www.motodynamic.com/installation/ADVISORY_061914.pdf

Contents
x1 LED tail lamp
x1 4-pin main harness
x2 Resistor bypass wires
x2 Resistor kits

Required Tool
T25 Torx Bit

Park/Brake:
Locate the main 2 wire harness from the bike and connect with the 2 wire connector on the LED tail light.

Turn Signals:
Dependent on the installed front turn signals use the chart below to determine if you need to connect the resistor or not in the rear, then connect according to above diagram.

Note:
Resistors are wired inside the sub-harness. It is normal that these resistors get hot when the turn signals are activated. We recommend to mount them away from soft plastics, tool bags, etc and up against a metal chassis to help dissipate the heat.

Front Turn Signal Setup	Install Resistors in Rear?
Factory Incandescent	No
Factory BMW LED or ECU re-flash	No
Motodynamic LED flush mount	Install in front **or** rear, not both (& only 1 side on 15+ models)
Aftermarket Non LED	No (bulbs must be at least 10W)
Aftermarket LED (Note: We cannot guarantee compatibility with non-Motodynamic aftermarket LED turn signals)	Yes for most cases - depending on the brand - remove any resistors if connected on the front

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 <u>consecutively</u> 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 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.