Instruction Manual

DENALI

Brake Light Wiring Harness

Ducati DesertX

DNL.WHS.24000

OUTFITTING GUIDE

Thank you for choosing DENALI

We know you would rather be riding your bike than wrenching on it, so we go the extra mile to make sure our instructions are clear and as easy to understand as possible. If you have any questions, comments, or suggestions don't hesitate to give our experts a call at 401.360.2550 or visit WWW.DENALIELECTRONICS.COM

Please Read Before Installing

DENALI products should always be installed by a qualified motorcycle technician. If you are unsure of your ability to properly install a product, please have the product installed by your local motorcycle dealer. DENALI takes no responsibility for damages caused by improper installation. **Caution:** When installing electronics it is extremely important to pay close attention to how wires are routed, especially when mounting products to the front fender, front fork, or fairing of your motorcycle. Always be sure to turn the handlebars fully left, fully right, and fully compress the suspension to ensure the wires will not bind and have enough slack for your motorcycle to operate properly.

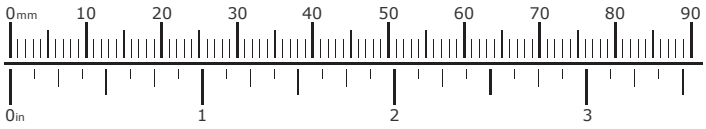
Installation Tips

We strongly recommend using medium strength liquid thread locker on all screws and bolts. It is also important to ensure that all hardware is tightened to the proper torque specifications as listed in your owner's manual. For included accessory hardware please refer to the default torque specifications provided below. Inspect all hardware after the first 30 miles to ensure that proper torque specifications are maintained.

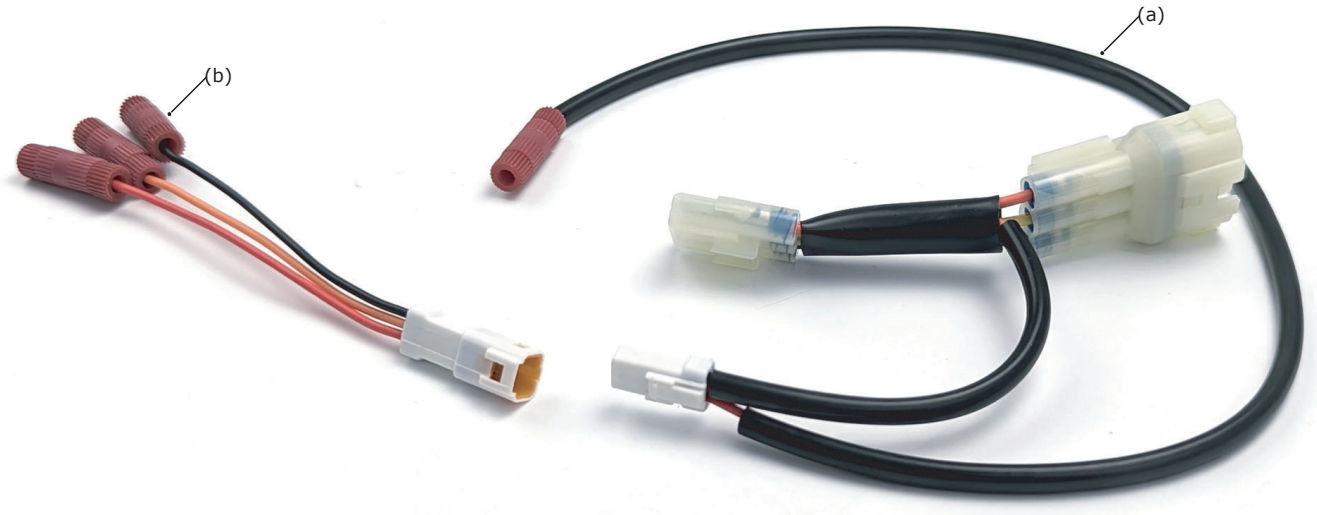
Bolt Size	in-lbs	ft-lbs	Nm
M3	10.0 in-lbs	-	1.0 Nm
M4	23.0 in-lbs	-	2.5 Nm
M5	44.5 in-lbs	3.5 ft-lbs	5.0 Nm
M6	78.0 in-lbs	6.5 ft-lbs	9.0 Nm
M8	-	13.5 ft-lbs	18.0 Nm
M10	-	30.0 ft-lbs	41.0 Nm
M12	-	52.0 ft-lbs	71.0 Nm

Hardware Sizing Guide

Not sure what size bolt you have? Use this ruler to measure screws, bolts, spacers, etc. Remember, the length of a screw or bolt is measured from the start of the "mounting surface" to the end of the screw, so only include the screw head when measuring countersunk screws.



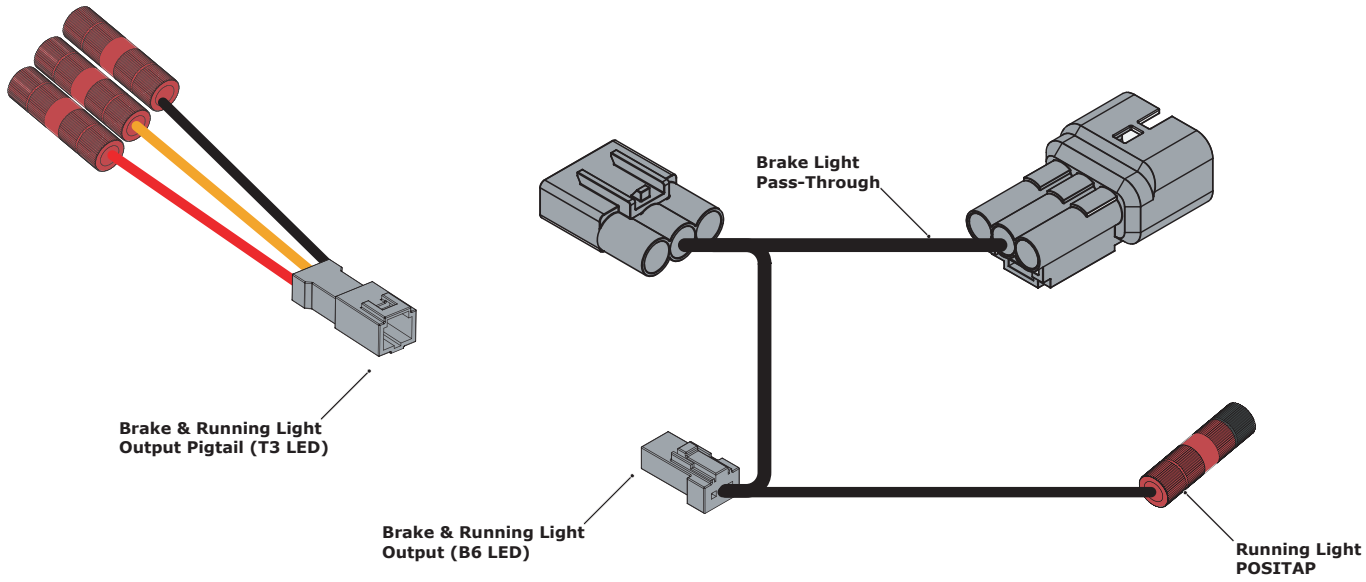
What's In The Box?



Kit Contents

(a) Brake Light Wiring Harness.....Qty 1
(b) Brake Light Wiring Harness Pigtail.....Qty 1

1. Harness Overview



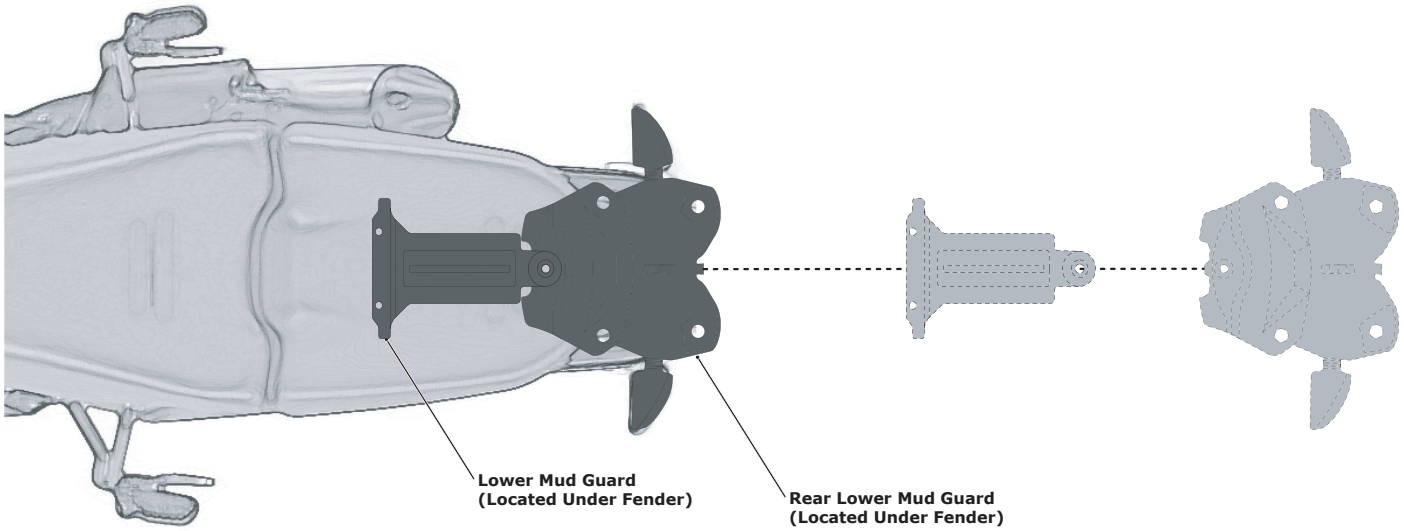
1.1 - Overview of Harness

This Brake Light Wiring Harness provides Brake Light and Running Light power from the DesertX, to DENALI rear lighting products like the B6, Rear T3 Switchback Turn Signals, and Rear T3 M8 Switchbacks.

The base harness can be plugged directly into a B6 Brake Light. The additional Pigtail Connector allows for additional flexibility when connecting to a pair of lights, such as the Rear T3 Switchbacks.

Power for the running light is provided from a switched accessory circuit, not from the running light circuit. This is important in order to ensure consistent power is provided to the accessory running lights.

2. Installing The Harness

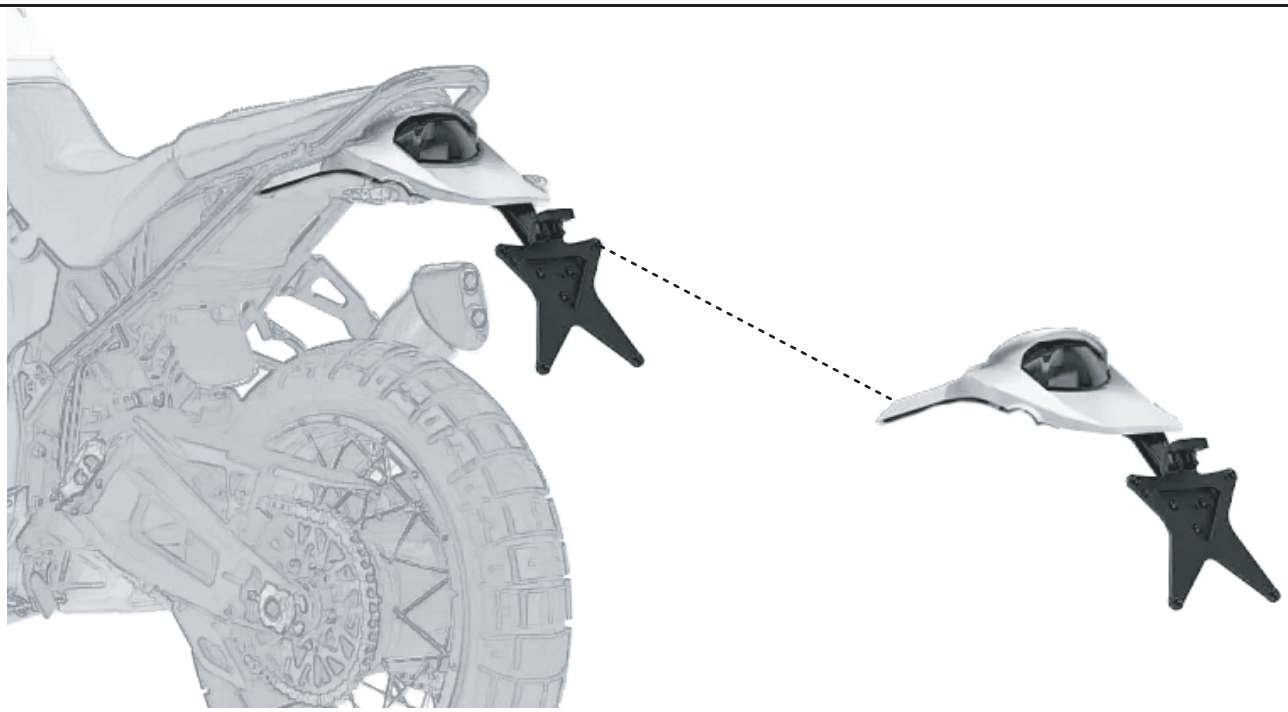


2.1 - Access the Brake Light Connector

Step One: Remove the Rider & Passenger Seats.

Step Two: Remove the Rear Lower Mud Guard, that the Turn Signals are attached to. It is fastened with (5) Screws. Disconnect the turn signals and place aside.

Step Three: Remove the Lower Mud Guard via the (2) screws near the front of it.

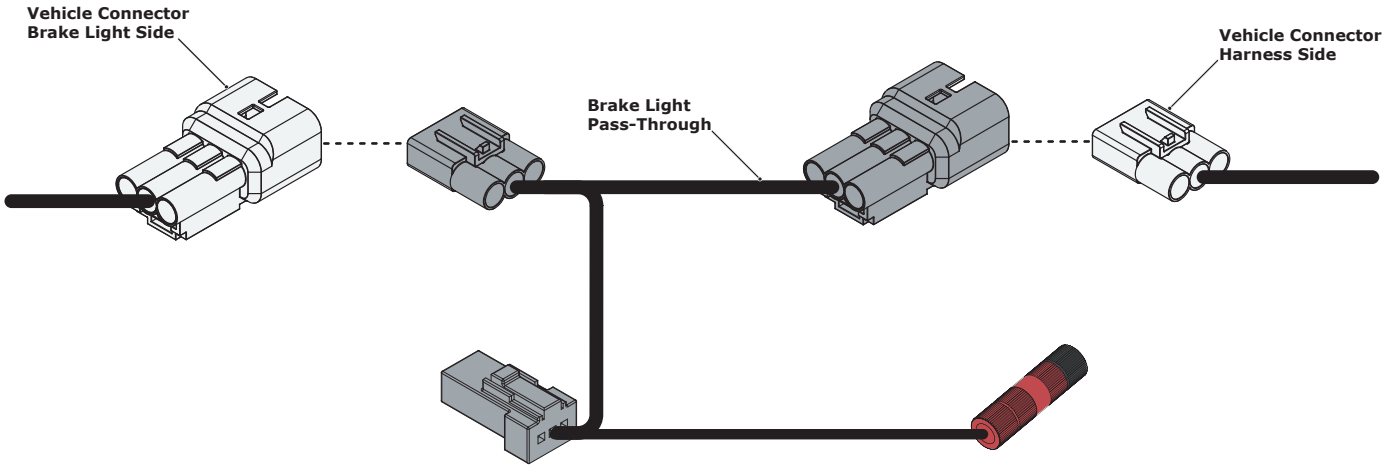


2.2 - Access the Brake Light Connector

Step Four: Disconnect the Rear Fender Subframe from the bike. (4) Screws attach it to the bike's subframe. This will lower the Rear Fender, License Plate Bracket, Brake Light, and sub-frame as one assembly.

Step Five: Remove the (1) Screw that attaches the Rear Fender to this assembly. It is located between the license plate bracket and brake light.

Step Six: Slide the Rear Fender backwards, away from the brake light, to remove it. You will now have access to the Brake Light Connector.

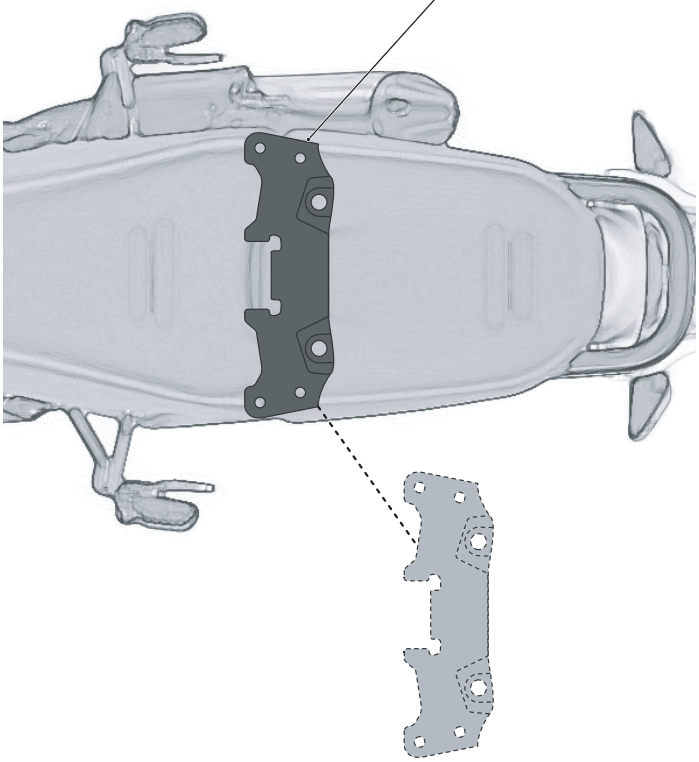


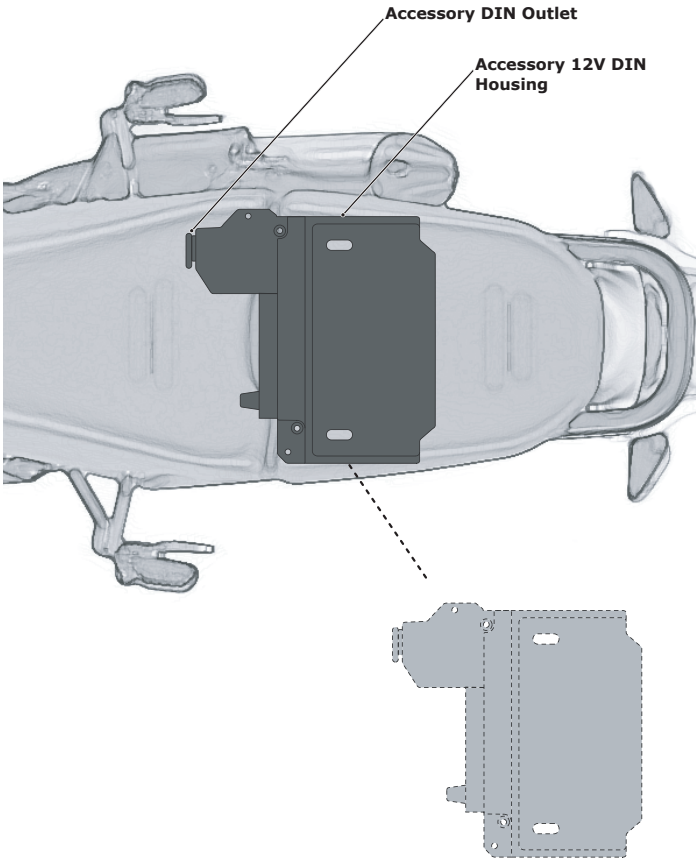
2.3 - Connect the Brake Light Harness

Step Seven: Disconnect the factory Brake Light connectors

Step Eight: Connect the Brake Light Pass Through in-between the factory brake light connectors.

Note: If concluding at this step, the harness will only provide brake light to your chosen rear facing light.





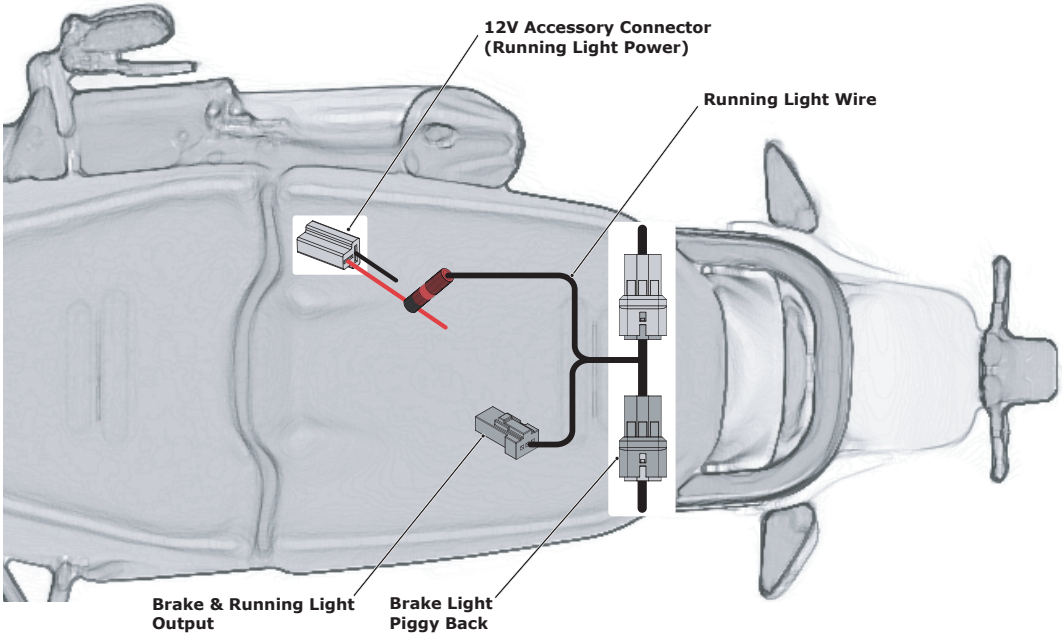
2.3 - Access the Rear Switched Power

This step allows switched power to be provided to the running light circuit(s) of rear facing lights, such as the B6, Rear T3 Switchback, and Rear T3 M8 Switchback.

Step Nine: Remove the Seat Bracket by unfastening the (4) Screws.

Step Ten: Remove the Accessory 12V DIN Housing by unfastening the (2) Screws

Step Eleven: Disconnect the connector from the back of the outlet and roll back the rubber boot to expose the Red and Black wires.

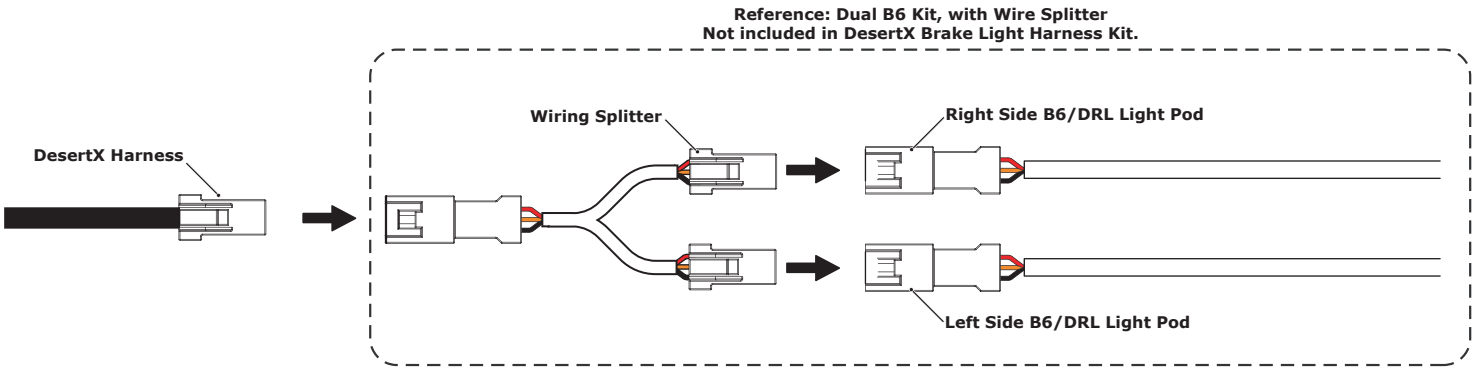


2.4 - Connect to Switched Power

Step Twelve: From the Brake Light Harness, route the Running Light wire forward to the Accessory Connector.

Step Thirteen: Connect the Running Light Wire to the RED Accessory Wire with the included POSITAP.

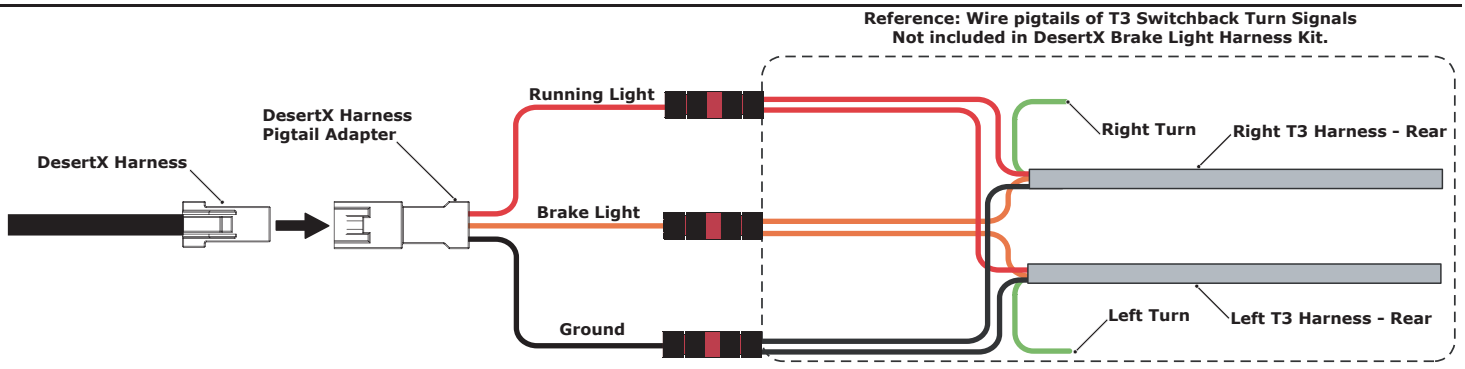
3. B6 Brake Light Wiring



3.1 - Connecting to B6 Brake Light(s)

Step One: Plug the DesertX Brake Light Harness directly into the Single B6 connector, or the Dual B6 Splitter.

4. Rear T3 Switchback Wiring



4.1 - Connecting to T3 Switchback Brake Lights

Step One: Connect the Pigtail Adapter to the Brake Light Harness.

Step Two: Connect the pigtails to their respective wires with the included POSILOCS. Placing two wires from two lights, into one POSILOC, is acceptable.

- Red = Running Light
- Orange = Brake Light
- Black = Ground

Note: This step shows how to connect to a PAIR of Brake Lights. This includes the B6 Dual Kits, T3 Rear Switchback, and T3 M8 Rear Switchback products.

For instructions on how to connect Turn Signals, please see the instructions for either T3 or B6 LED lights.