REALTRUCK

Wiring Harness, 8-Plug

Part # HFB-01-006

Components and Hardware:

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2. 
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4. 
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10. 
11. 
12. 

Components and Hardware:

1. 8-Plug Upper Harness.....(1)
2. Lower Harness.....(1)
3. Lower Harness Extension.....(1)
4. Relay Stack.....(1)
5. Switch - 12V Lighted On/Off.....(1)
6. Switch - 12V Lighted On/Off/On.....(1)
7. Double Spade Connector.....(4)
8. Jumper Wire - Black.....(2)
9. Jumper Wire - Red.....(2)
10. Heat Shrink Butt Connector.....(7)
11. Nylon Cable Ties 8”.....(20)
12. Heat Shrink Tube - Large.....(1)

Tools for Installation:

- Wire Snipper/Crimper Tool
- Heat Gun
- Pliers
- Utility Knife

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This kit is designed to work with Havoc Lasso Light, 5in Round - HFB-01-005 (Sold separately)

1. Route the Lower Harness (#2) from the vehicle's battery to the location where you intend to mount your lights. The single DT connector end should be at the location of the lights with the other end at the battery.

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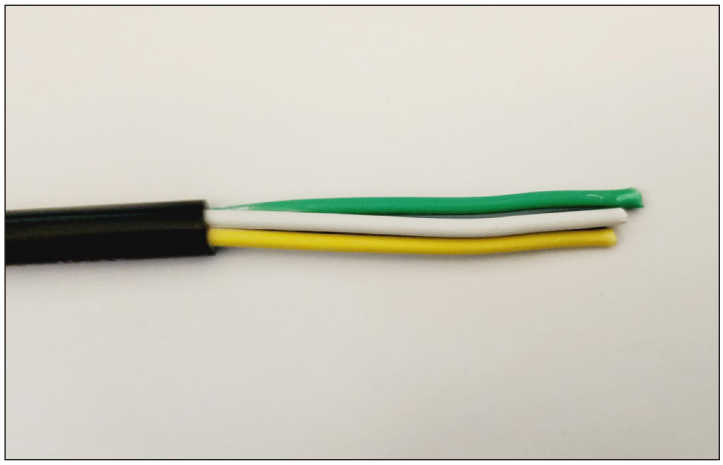
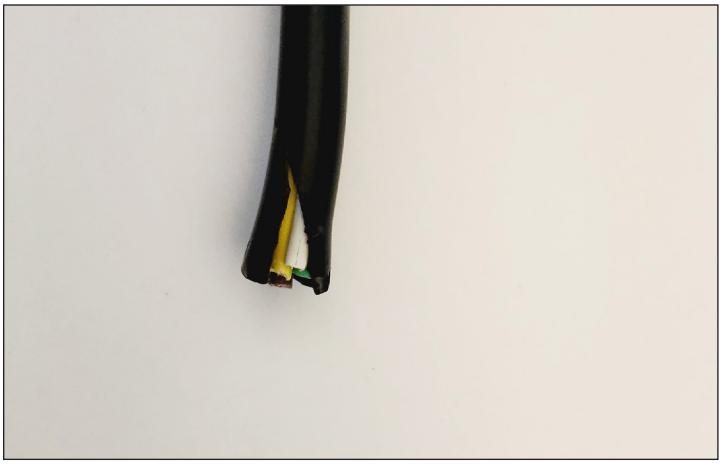
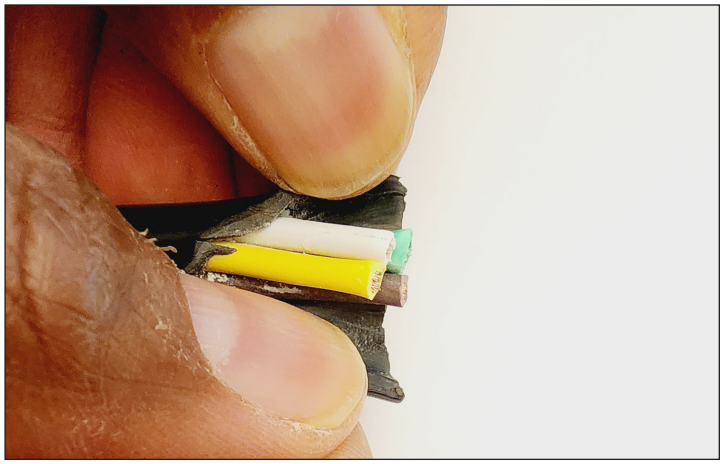
2. From the end of the Lower Harness (#2) without the connector, use a utility knife to carefully cut and remove 3" of the outer jacket to expose the four inner wires. Be careful not to cut the insulation of the inner wires.



TIP: Make small cut (about 10mm long) from the end down the length of the cable, then use your fingers to peel the jacket apart. Fold the jacket back away from the inner wires then cut it away.





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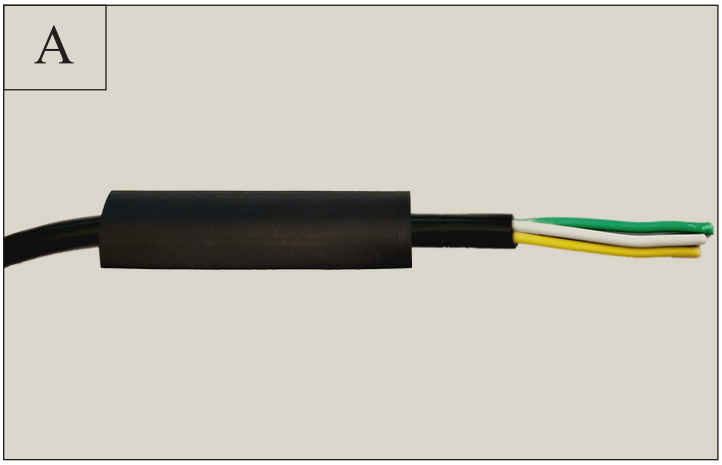
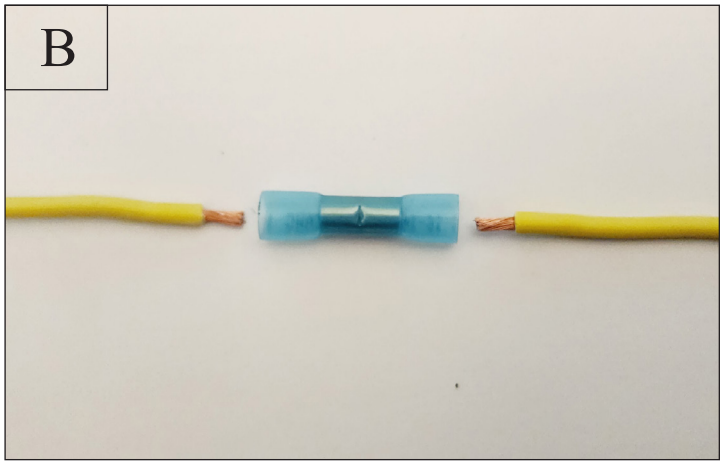
3. Using a wire stripper, strip back 7mm of insulation on each of the four wires of the Lower Harness (#2). Repeat this operation for the Lower Harness Extension (#3). Slide the Large Heat Shrink Tube (#12) over and onto the Lower Harness (#2) far enough that the stripped wires are still exposed [Fig. A]. Matching the wire colors, connect the Lower Harness (#2) to the Lower Harness Extension (#3) with Heat Shrink Butt Connectors (#10). Insert the wires of the same color fully into the Heat Shrink Butt Connector (#10), then use a crimping tool to crimp the wires together [Fig. B - D]. Using a heat gun, shrink and seal the butt connector. Repeat this for the other three wires. Slide the Large Heat Shrink Tube (#12) until it fully covers the connections, then use a heat gun to shrink the tube and seal the connection[Fig. E & F].

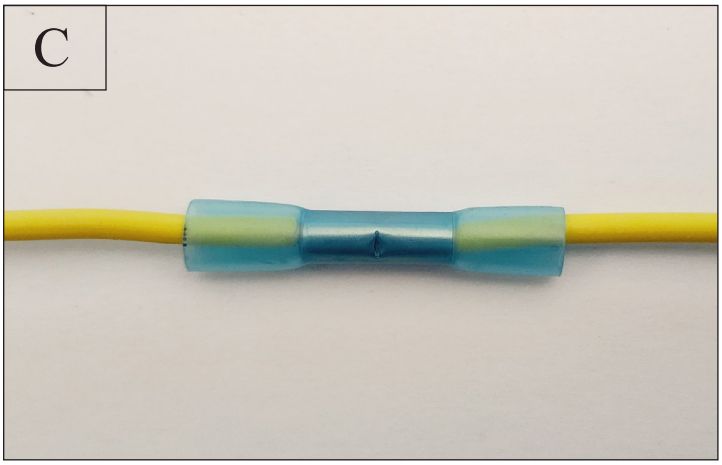
A



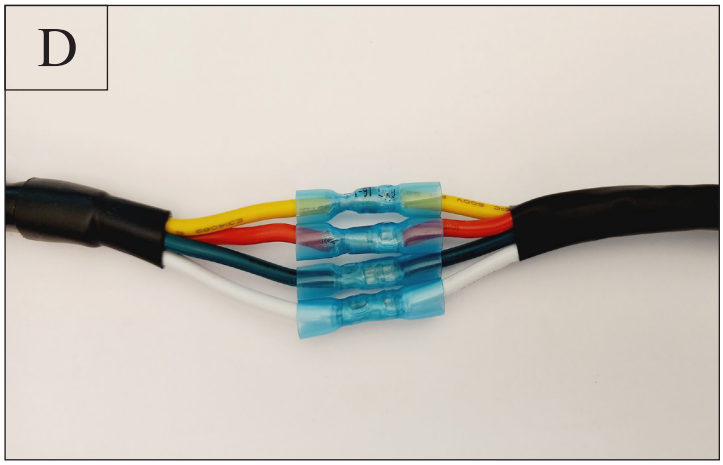
B



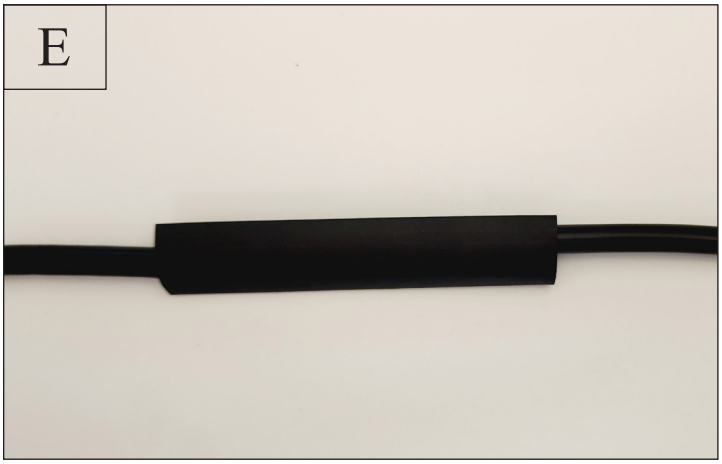
C



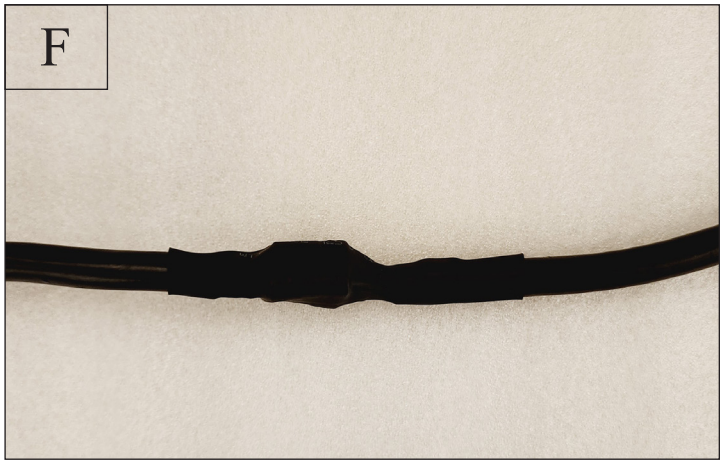
D



E



F



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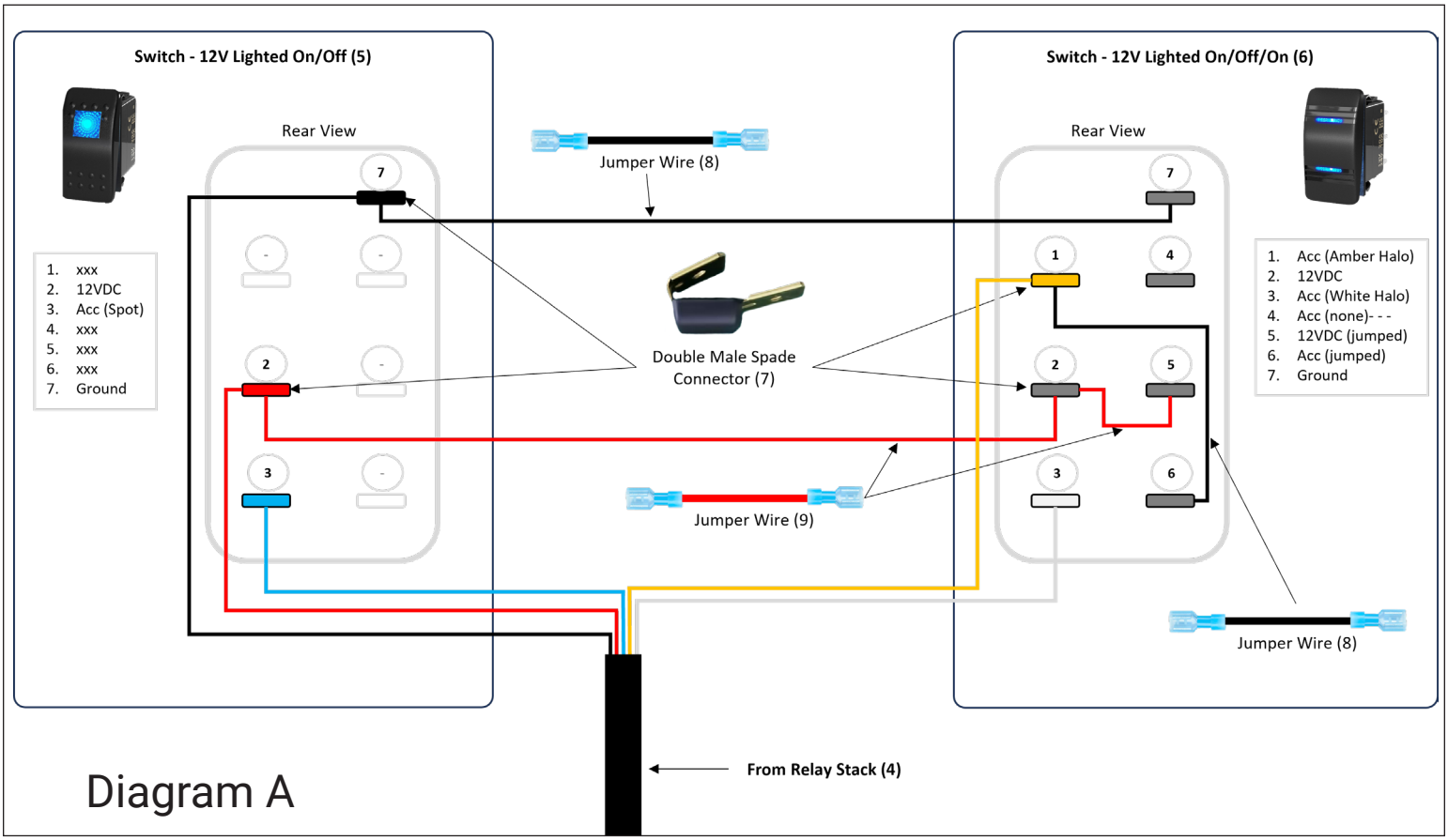
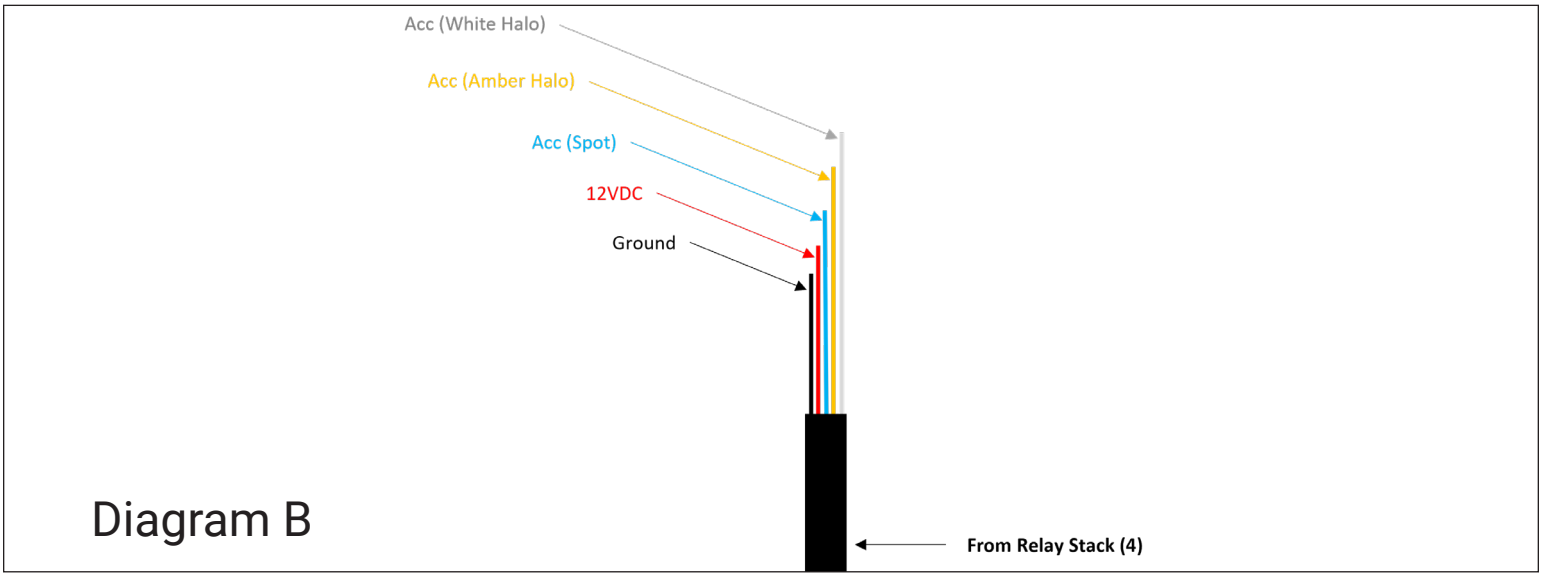
4. If you plan to control your lights with the included Switches (#5 & 6), identify and prepare the location to mount your two switches. Route the cable of Relay Stack (#4) with 5 loose wires, through your switch mount cavity into the vehicle interior. Then, connect your switches according to Diagram A. **Do not mount your switches yet.**



Otherwise, if you plan to control your lights with your own preinstalled switches, reference the wiring information in Diagram B. Note that light operation will require three functions, spot, amber halo, and white halo. Depending on your type of switches, you may require two or three switches to accomodate all functions. **Connect your switches, but do not mount them yet.**



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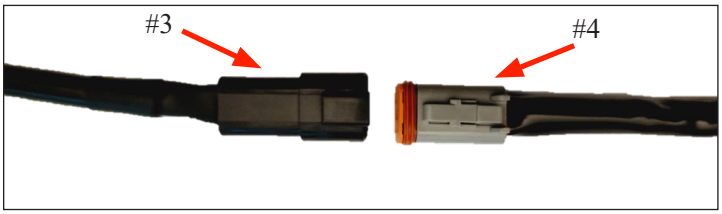
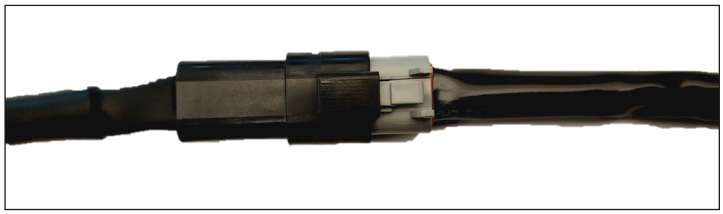
5. Connect the male DT connector of the Lower Harness Extension (#3) to the female DT connector of the Relay Stack (#4).





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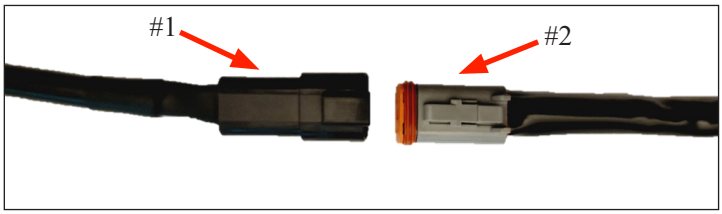
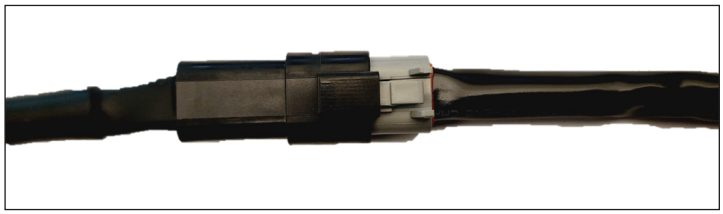
6. Connect the male DT connector of 8-Plug Upper Harness (#1) to the female DT connector of the Lower Harness (#2).





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7. Mount your lights and connect them to the 8-Plug Upper Harness (#1).

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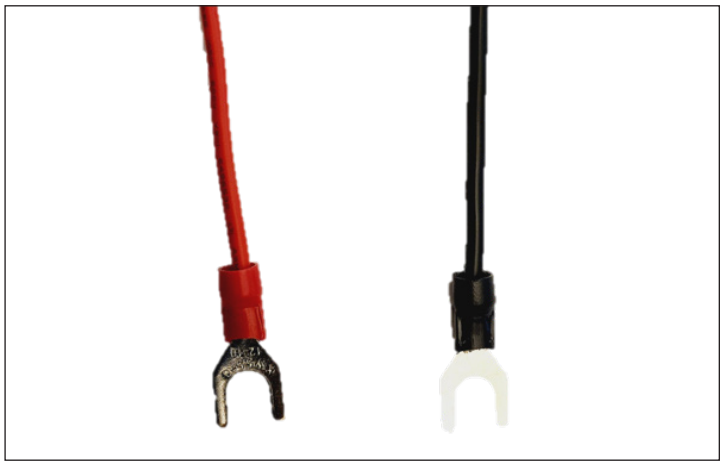
8. Connect the positive (red wire) spade connector of Relay Stack (#4) to the positive terminal of the battery. Connect the negative (black wire) spade connector of Relay Stack (#4) to the negative terminal of the battery.



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9. Activate your switches to ensure all three functions are working properly according to the image below. If all functions are working properly fo to the next step.

Otherwise, check that all connections are properly made and that switches are wired correctly. Continue this check and test until the lights are functioning correctly.

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10. Once the lights are functioning properly, carefully mount your switches. Finally, use Nylon Cable Ties (#11) to neatly secure all wiring and components where needed.