



Polaris Slingshot Isolator Subharness Kit

This sheet must be read completely to:

1. Provide assistance/clarification to the installer, customer, end user or others.
2. Avoid causing injury or death to installer, customer, end user, or others.
3. Prevent damage to vehicle and/or accessory or other.

HEY YOU! Please, please, please read the instructions completely prior to installation. 90% of questions we receive could be answered simply by reading ALL the instructions before installing anything. If you have any question or problem during the installation, please contact us as necessary. Phone support will always provide the quickest response.

You can thank the lawyers for this next bit of fun. With that said, lets go!

Installer: Pretty please, give this sheet to the customer after reading it.

It is virtually impossible for us to be able to address every possible situation an installer or user will encounter. This requires both to exercise due dilligence and to apply some level of common sense. AKA...no 'hold my beer and watch this' type stuff.

Important Information in our instructions will be provided in the following manner:

SHOP TIP: literally great info we have gathered from hands-on installs or customer feedback.

NOTE: important information regarding the installation. Pay attention.

CAUTION: failure to follow instructions could result in damage to vehicle and/or accessory. Really pay attention.

WARNING: failure to follow instructions could result in injury/death of operator and/or passenger/others. For Pete's sake, PAY ATTENTION!

NOTE:

1. "Left", "Right", "Front" and "Rear" are described from the seated position of the vehicle. Vroom vroom.
2. Check local laws regarding the use of auxiliary lighting and electronics. Don't be 'that guy'.
3. Use of owners manual or service manual is recommended for installation. Sorry....more reading.
4. If so equipped, place motorcycle on it's centerstand on solid, level ground or engage parking brake. Do it like Mom is watching.

CAUTION:

1. When adding electrical accessories, always disconnect the battery and properly fuse new electronics.
2. DO NOT let the smoke out of the part. All electronics operate on smoke....when released, electronics are dead.

WARNING:

1. Allow the vehicle to cool prior to installation & when operating engine, allow adequate ventillation. Yep.
2. NEVER modify the kit in ANY manner. Doing so voids warranty and places all liability on the installer and/or user. Nope.
3. Never route wires or install components that interfere with the operation of the steering, suspension, brake/clutch/gas lever/pedal/grip or any other operational function of the vehicle. Duh.
4. Never allow your accessories to cause distractions to remove your focus off the vehicles operation.
Never forget that this is a high risk sport - don't make it a higher risk when you don't have to. Major duh.
5. Never allow your accessories to cause distractions to others on the road. Super sized duh.

Part Listing

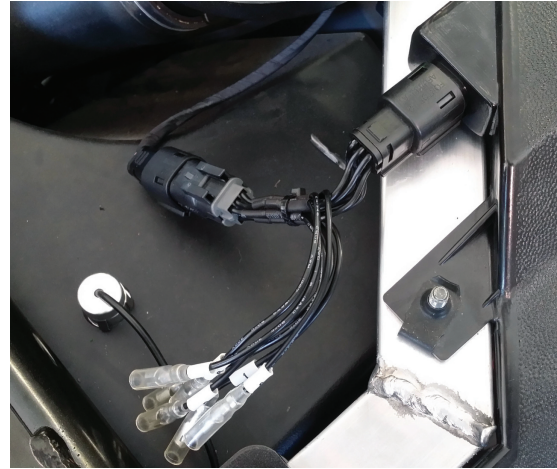
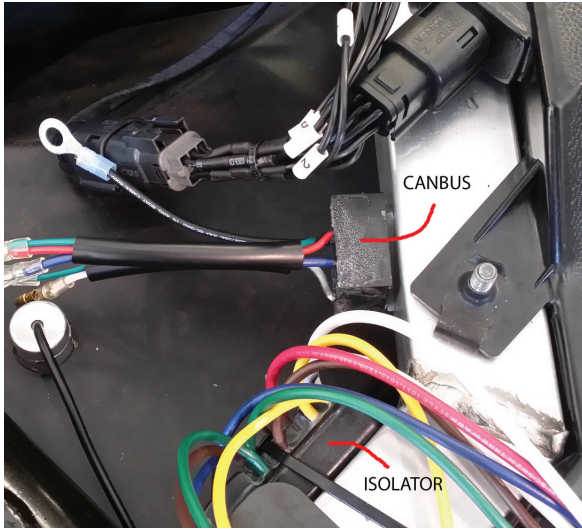
- | | |
|---|----------------------------|
| 2 | tail light subharness |
| 1 | 4 pin connector with wires |
| 1 | Canbus module |
| 1 | yellow extension wire |
| 8 | 6" wire tie |
| 2 | 3/16" flat washer |
| 1 | 6mm nylock nut |
| 1 | 3/16" blue ring terminal |
| 2 | 1/8" split loom. |

Tools / Supplies Required

- wire strippers
- wire crimpers
- torx tool set
- 10mm wrench.

1. Remove the roll hoops. Remove the bodywork that covers the rear subframe and exposes the connectors for the rear lighting.

2. Locate the connector for the tail lights. Install one of the sub harnesses as shown on the right to each tail light.



3. Using 2 wires ties to make one longer one, secure the isolator as shown to the left. Mount the CANBUS module by peeling off the backing on the tape and mount as shown.

CAUTION: if you do not properly ground the CANBUS module in the next step, it will damage the unit beyond repair. It is active electronics and must be properly grounded. Damage is not covered under warranty.

4. You have 2 white wires coming from the isolator. Take the longer of the 2 and shorten it and crimp one of the supplied 1/4" blue ring terminals to the white wire. Refer to the photo to the right. Put one of the supplied flat washers over the bolt. Now place BOTH the white wire from the isolator and the black wire from your CANBUS module other the bolt. Place another flat washer on top of the 2 ring terminals and use the supplied lock nut to secure them.



5. Connect wires as follows.

- a. green from the CANBUS module to wire #5 on the left tail light subharness.
- b. white with blue stripe from CANBUS module to wire #6 on the left tail light subharness.

6. Plug the 4 pin plug with short wires to the 4 pin connector on the isolator. Connect wires as follows:

- a. blue from the 4 pin connector to blue from the CANBUS module.
- b. green from the 4 pin connector to the green from the CANBUS module (there is also a red connected to this green).
- c. brown from the 4 pin connector to wire #3 on the left tail light subharness.
- d. yellow from the 4 pin connector to the yellow extension wire included.

7. Run the yellow extension wire to the right tail light subharness. Connect it to wire #3. Slide the supplied split loom over the yellow wire and use the supplied wire ties to secure the wire to the frame.

Note: if you are installing the 07664 '5 to 4 Converter', place it between the 2 white connectors you just plugged together. Be sure to ground the unit to the same place the other 2 modules are grounded to. Failure to ground the converter before turning on the key will damage the unit beyond repair and is not covered by warranty.

CAUTION: failure to install the fuse holder on the positive wire as described will cause damage in case of a short.

8. Run the large red wire to the space between the fuel tank and the storage compartment behind the driver. You will need to remove the battery access cover. Connect the red wire to the battery positive terminal using the supplied fuse holder, blue ring terminal found in the subharness kit (it's a larger hole) and the butt connector. Cover with split loom.

Caution: DO NOT connect wire color to wire color. There is no standard in the motorcycle trailer community. You MUST connect function to function.

9. Connect the outputs of your isolator as follows:

w/o 07664 5 to 4 Converter

white - ground
green - tail light
blue - brake
brown - left turn
yellow - right turn

w/ 07664 5 to 4 Converter

white - ground
green - tail light
blue - not used
brown - left turn / brake
yellow - right turn / brake

10. Insert the fuse into the fuse holder. If you are using LED lights, you should install a smaller amp fuse.

11. Test functions from your isolator wires. Reassemble vehicle.

