

## **BX3 Side by Side Street Legal Kit Instructions. v3 CA5-INS** **Kit # CA5-SLK-S, CA5-SLK-A** **Can-Am Defender 2016-up**

### **Thank you for purchasing our product.**

Please read all of the instructions before proceeding. This is a very easy kit to install for someone with mechanical skills. No special tools required. Inspect all parts for damage. Parts are packaged in smaller bags. Leave them packaged for now. **NOTE: MARKINGS FOR "RIGHT"= PASSENGER SIDE, "LEFT"= DRIVERS SIDE**

### **Recommended tools needed**

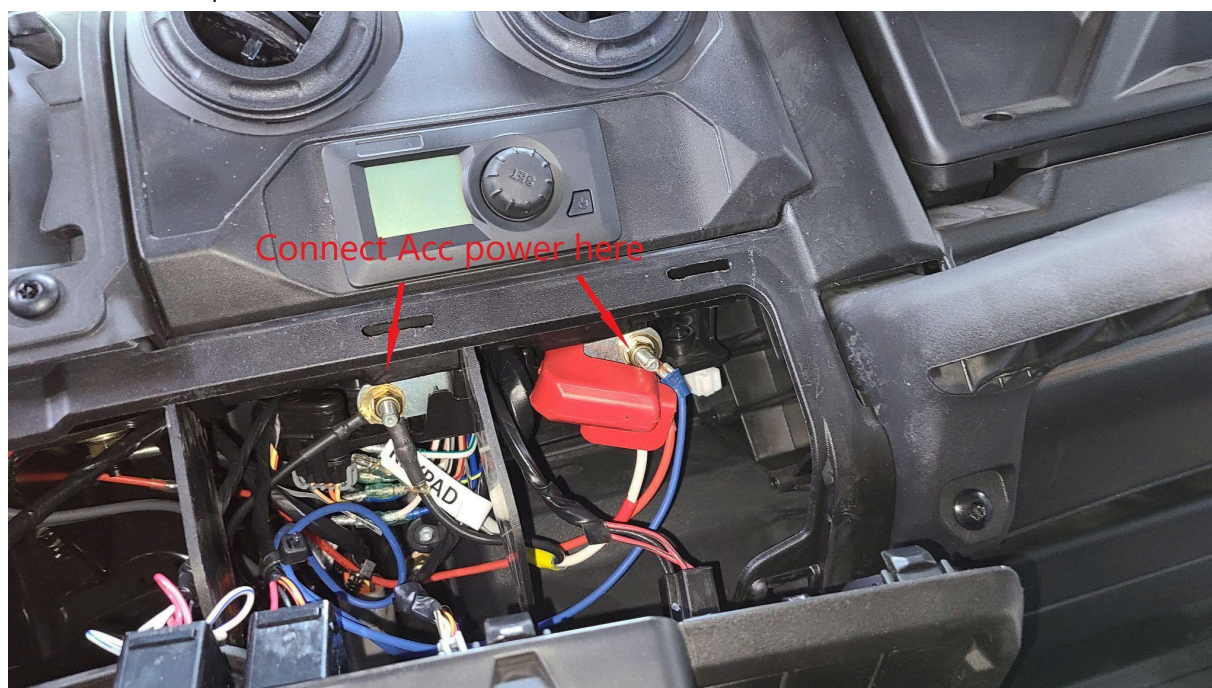
Drill and drill bit set, screw drivers, small metric socket set or nut drivers, metric wrenches, pliers, Torx driver set.

**Warning: Disconnect battery cables before continuing**

**Warning: Do not connect other accessories to the street legal kit wiring. Damage can occur and the warranty will be void.**

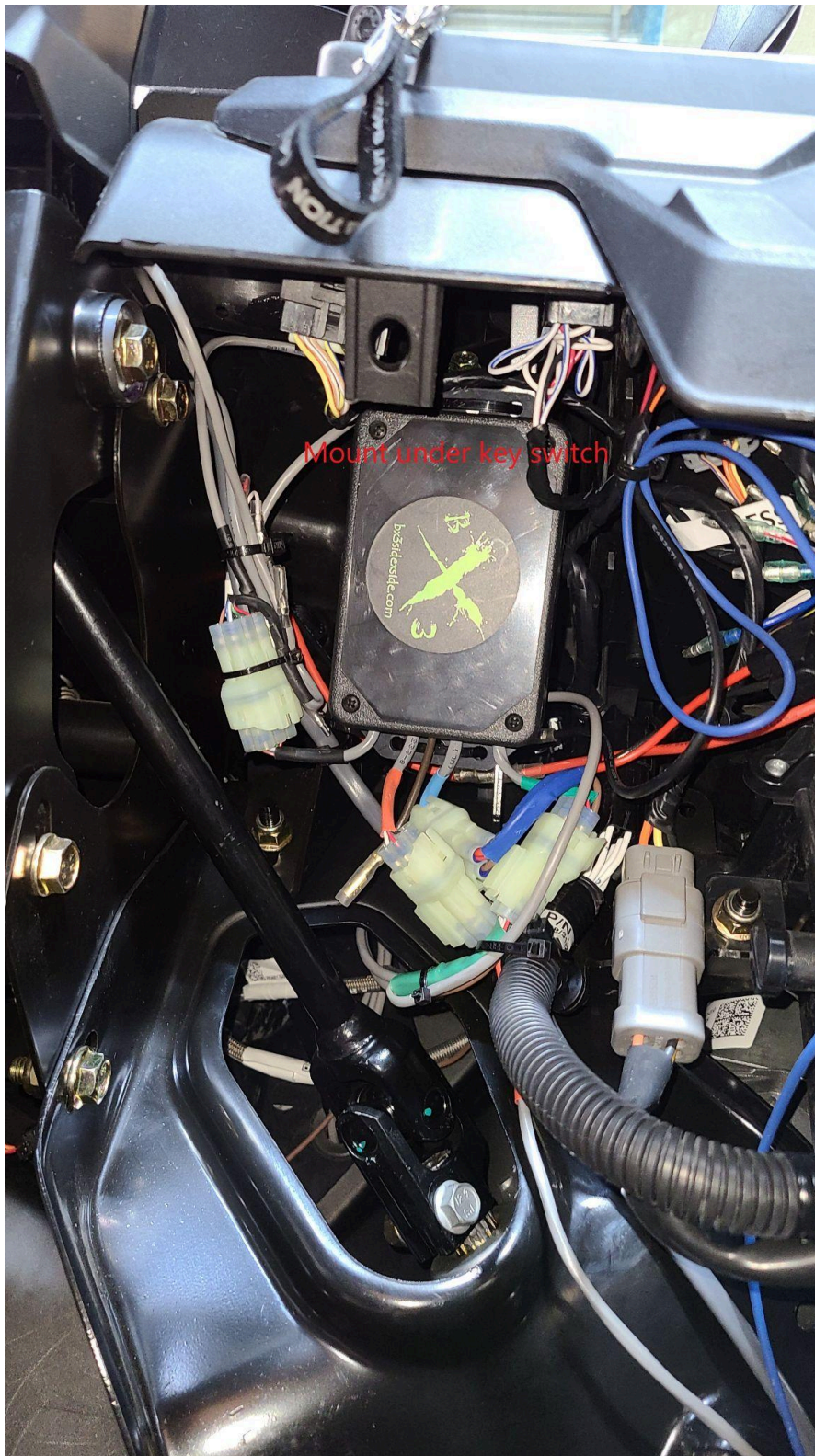
### **Start by removing covers**

Remove the hood. Remove the center dash cover. Remove the left floor cover(s). Remove the battery cover. Remove the front left corner plastic cover.



## Control box mounting

Install the control box UNI-CBXv3 under the key switch using two of the large cable ties.





## Front signal mounting and wiring

Plug in the cable with green heat shrink UNI-FLC to the control box. Route the cables labeled "Right front signal" and "Left front signal" through the firewall towards their respective sides. Mount the front signal lights UNI-SSL **making sure the cables come out toward the grill**. Drill  $\frac{3}{8}$ " holes for the cables. Carefully route the wires to the cables marked "Right front signal & Left front signal" and connect the small plugs. These wires are fragile. Mount with the double sided tape AND the small screws/nuts using a  $\frac{1}{16}$ " drill bit.



## Accent signal light option for 2020+ only.

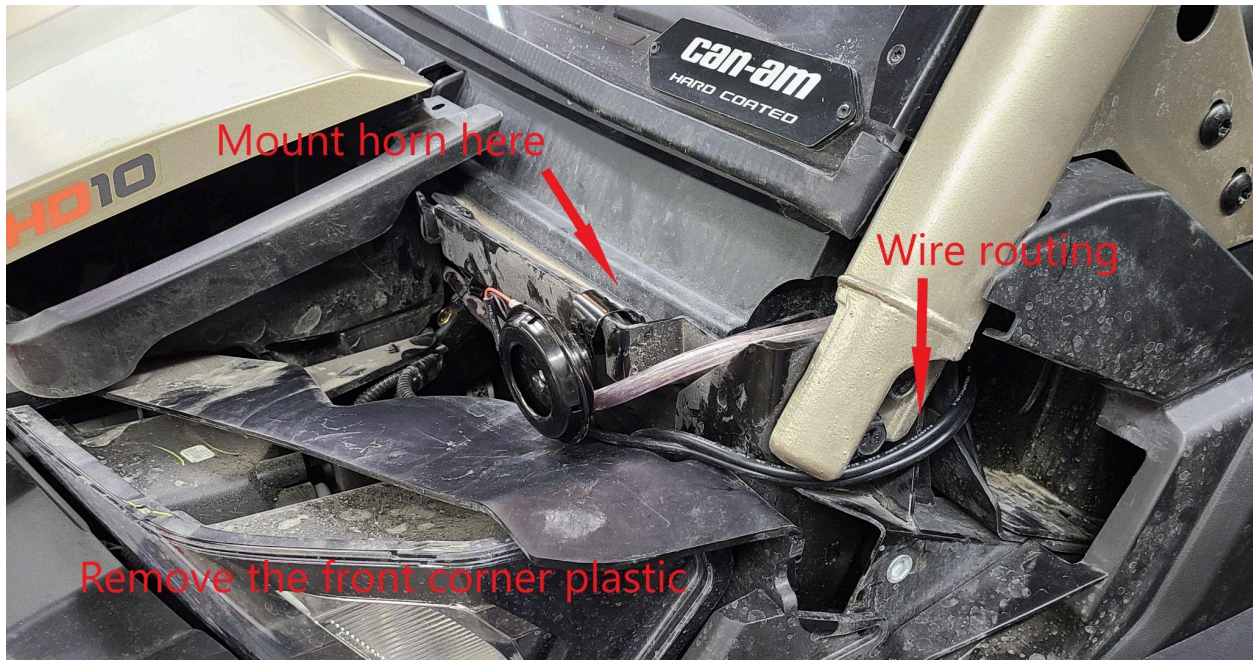
Connect the original plug to the new accent light. Connect the small plugs.





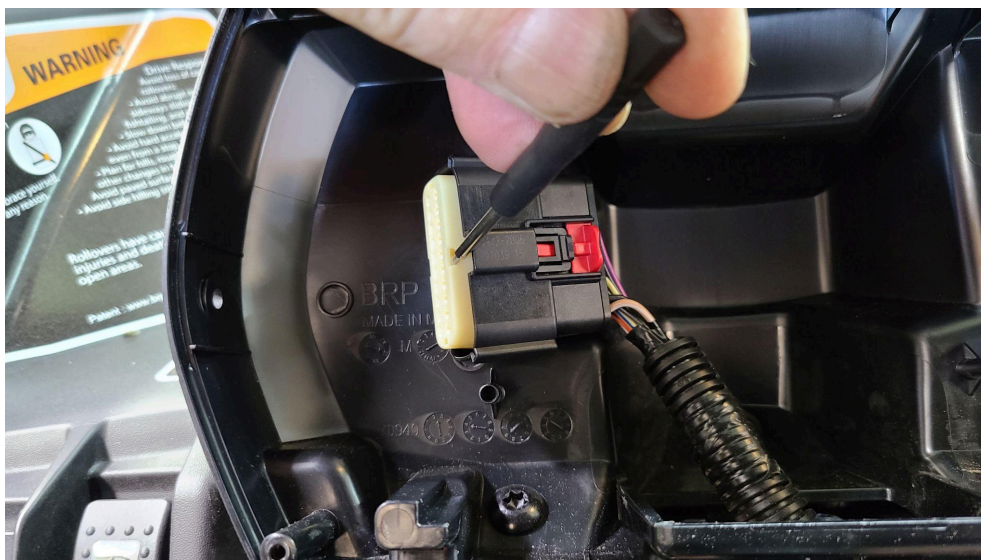
## Horn

Connect the cable with the blue heat shrink to the plug marked with blue heat shrink on the control box. Route the wire marked "Horn" through the firewall. **Wait until last to connect the red and black wires marked "ACC power"**. Mount the horn UNI-HNK under the left front fender in a convenient location. Plug in the wires marked "Horn".

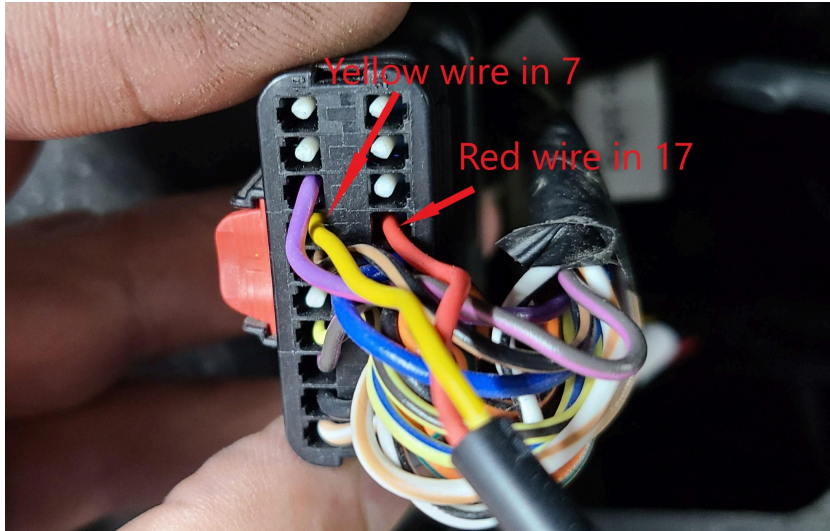


## Indicators for instrument cluster/speedometer 2020-up.

Route the wire harness marked CAB-CIC to the back of the cluster/speedometer. On the black plug, unlock the red lock and carefully unplug the plug from the back of the instrument cluster/speedometer. Pry off the white face cover from the plug. Remove the small seal plugs from holes 7 & 17. Insert the yellow wire in hole 7, red in hole 17. Replace the white cover. Route the wires to the cable marked "Right and Left indicators". Connect color to color. Black wires are not used.







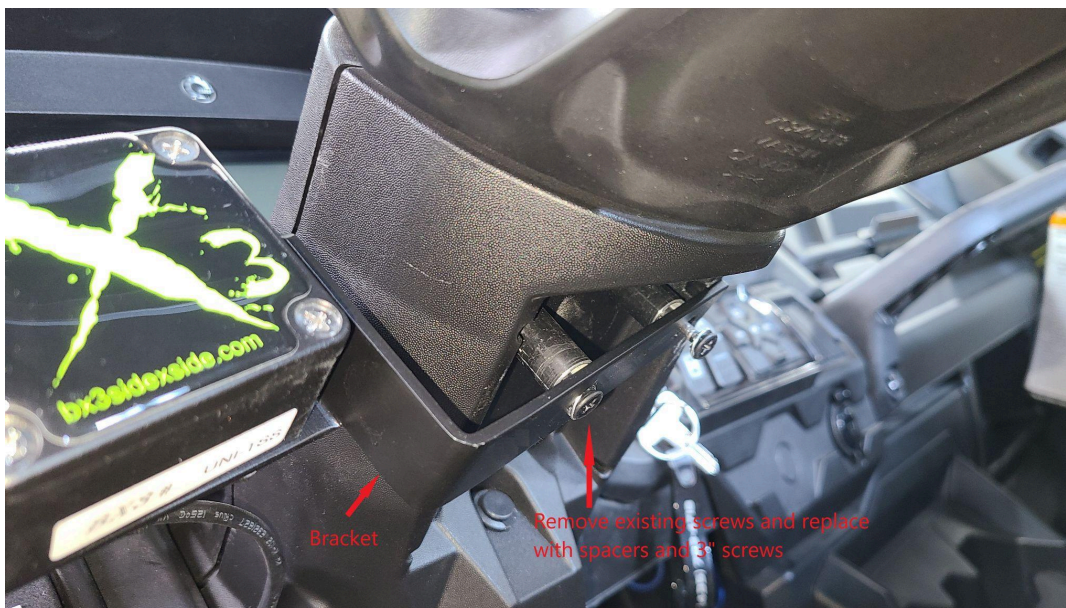
## Dash indicator LED lights if not equipped with cluster indicators

Locate a suitable area in front of the steering wheel to mount the dash indicators UNI-INK. Make sure the wires reach the cable marked "Right indicator" and "Left indicator". Drill 2 holes 5/16" and route the wires through. Pushing on the black trim, CAREFULLY push the indicators in. Plug the wires into the cable black-black on both indicators, red-red on left red-yellow on right.

Picture coming

## Turn signal switch mounting and wiring

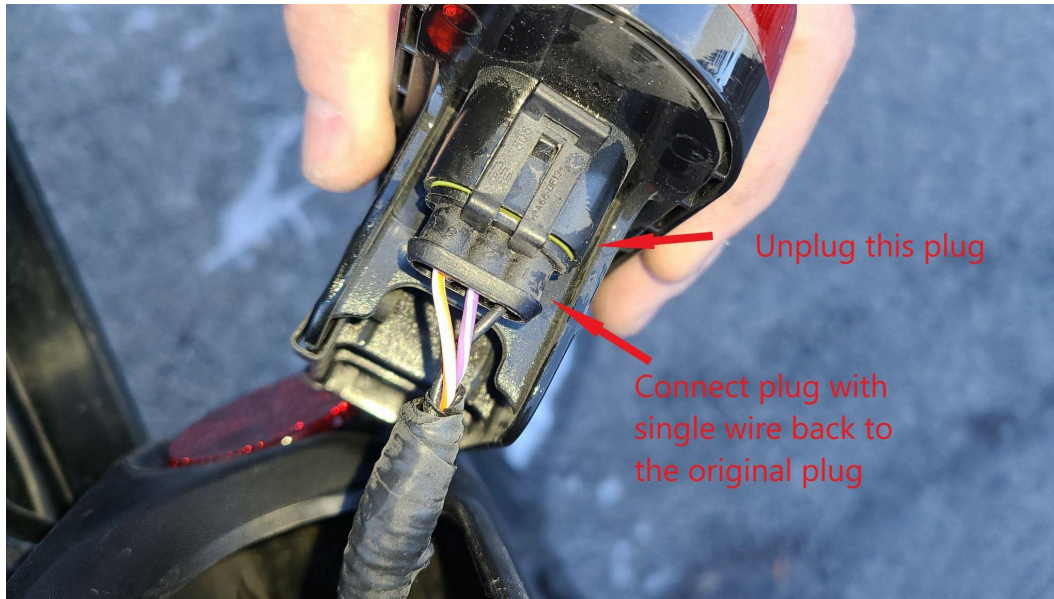
Mount the turn signal switch UNI-TSS to the mounting bracket 007-MBK using the 6mm bolts and lock washers. Remove the existing screws on the bottom of the steering column and replace them with the spacers, bracket and long screws. **Do not over tighten.** Route the cable along the steering column to the control box and plug it into the plug marked with black heat shrink. Make sure the tilt mechanism does not pinch the cable.





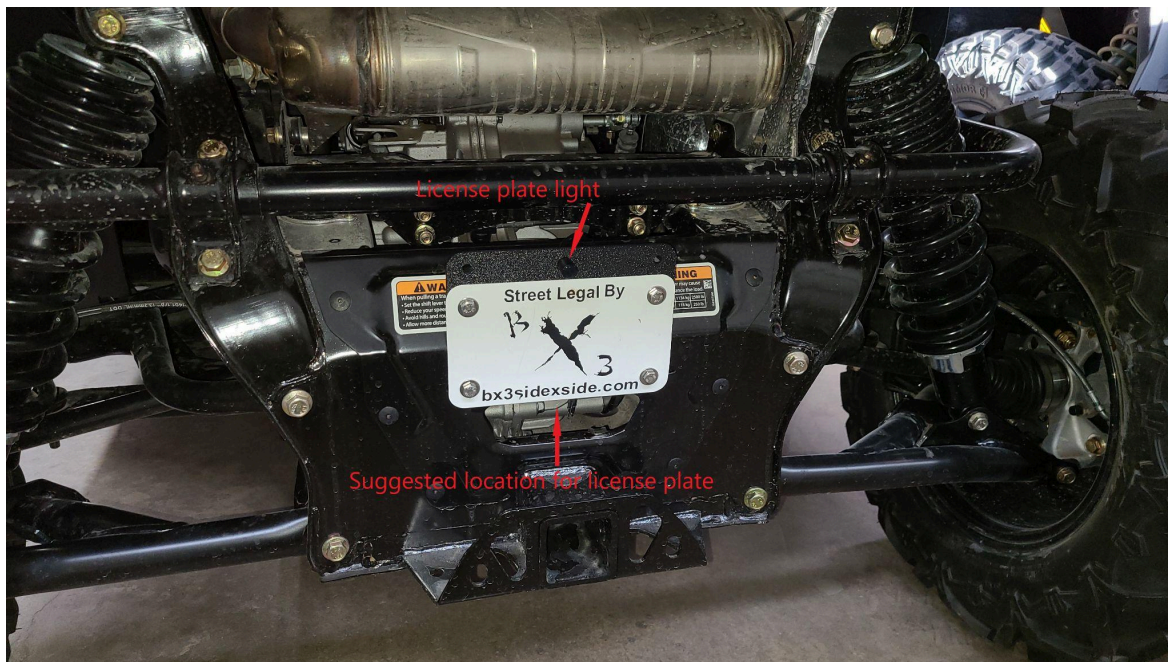
## Rear signal lights

Starting from the rear of the tunnel, install the cable with red heat shrink. Route the cable through the tunnel along the existing wire harness toward the front to the control box and connect it to the plug with red heat shrink. At the rear of the machine route the cable to the left tail light then across the rear to the right tail light following the existing wire harness. Open the tailgate and remove the two bolts that hold the tail lights in. (6 x 6 may be different) Unplug the old cables and plug in the new BX3 cables. On the left, connect the plug with the single wire back to the original tail light plug. Tape the right original plug.



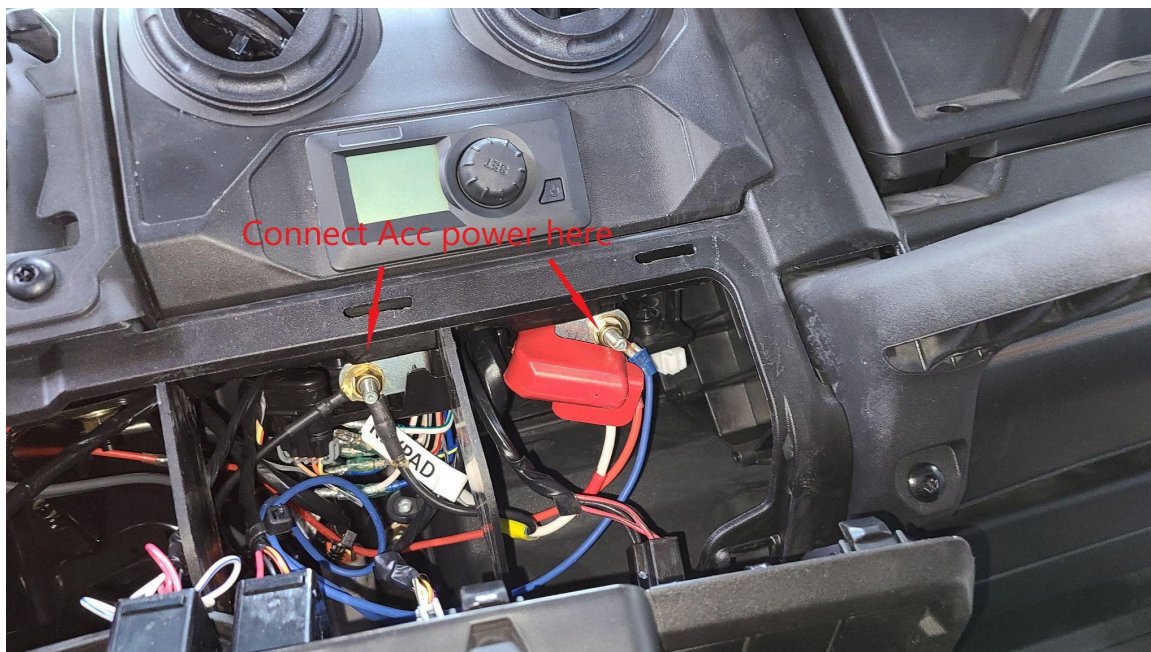
## License plate light and back plate

Find the license plate kit UNI-LPK and install the license plate light in the top center hole of the back plate. Using the 6mm bolts/nuts/washers, drill 1/4" holes to bolt the back plate and license plate to the back of the machine. Route the cable marked "License plate light" to the light and plug in. **Caution: Do not over tighten license plate light nut.**



## Accessory power hook up

Now you can route and attach the "ACC power" wires to the terminal posts with the provided 6mm nuts/washers as shown below. The red wire marked "ACC power" connects to the red wire, the black wire marked "Acc power" connects to the black wire.



**Use cable ties to secure all cables and support connector plugs.**

## Operation

This is an electronically controlled kit.

The operation of the street legal kit is similar to your car but with some differences:

- 1- The lighted horn button is on the end of the turn signal switch handle.
- 2- The red emergency flasher button is "push on-push off".
- 3- If you accidentally leave the turn signal on left or right for more than 30 seconds it self cancels. If the brake pedal is held (at an intersection for example) it will not cancel. It will cancel 30 seconds after the brake pedal is released.
- 4- When the brakes are applied the brake lights will strobe rapidly then stay on.

### Caution:

Always move the turn signal switch to the center position when washing to avoid water in the switch box.

Do not power wash any of the street legal kit components.



## Warranty

BX3 Side X Side guarantees all of its street legal kits for a period of 1 year after purchase date. This warranty covers parts only caused by manufacturer defects. BX3 Side X Side will repair or replace defective parts with new or refurbished parts. Only installations done by BX3 Side X Side are covered under this warranty. This warranty includes ground shipping of replacement parts to the customer. The defective part(s) must be shipped to BX3 Side X Side for inspection before new or refurbished replacement parts will be shipped to the customer.



- UNI-LPK: Universal license plate kit: 1- bolt light w/1/8" male spade, 1- back plate, 2- 6mm x 16mm hex bolts, 2- 6mm flat washer, 2- 6mm nut, 2- 6mm lock washer, 2- #12 x 3/4 sheet metal screws
- CA5-RLC: Rear light cable assembly
- UNI-FLC: Front signal/indicator cable assembly
- CA5-PHC: Power/horn/brake cable assembly with 2- 6mm nuts
- UNI-CBXv3: Control box assembly
- UNI-TSS: Universal turn signal switch assembly
- UNI-SSL: Standard flowing front signal lights
- CAU-ASL: Accent signal light option (2020+ only)
- 20- 8" cable ties
- UNI-HNK: Universal horn kit: 1- horn
- UNI-INK: Dash indicators: 2- green LED's (2016 to 2019)
- 007-MBK: Mounting bracket, 2- 5mm x 70mm sheet metal screws, 2- 6mm x 16mm hex bolts, 4- 6mm star washer, 2- 1.875" x 5mm spacers
- CAB-CIC: Cluster indicator cable assembly (2020+)
- CA5-INS: Instructions

KEEP THIS PAGE FOR YOUR RECORDS.

DATE OF PURCHASE \_\_\_\_\_