

## BX3 Side by Side Street Legal Kit Instructions. v3

PO5-INS

Kit # PO5-SLK-S

Polaris Ranger 2018-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, side cut pliers, Torx driver set.

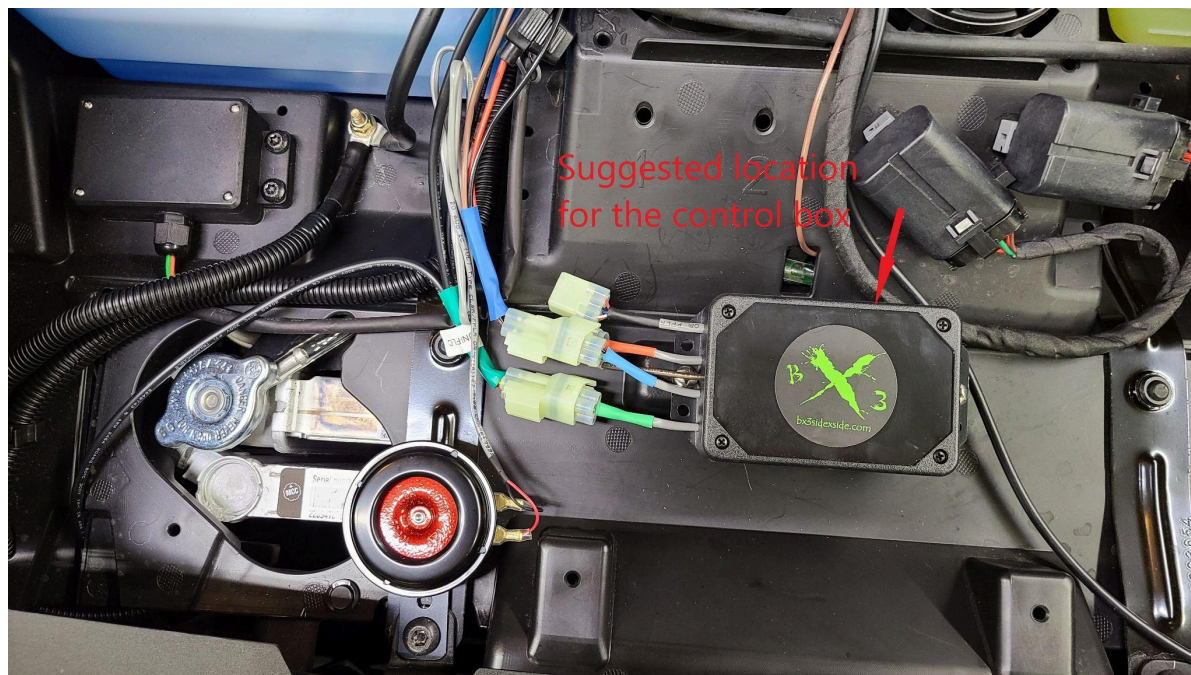
**Warning: Disconnect battery cables before continuing**

**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 tunnel cover(s)

Install the control box labeled UNI-CBXv3 close to the power plugs as shown by drilling two 1/8" holes and using the screws provided.



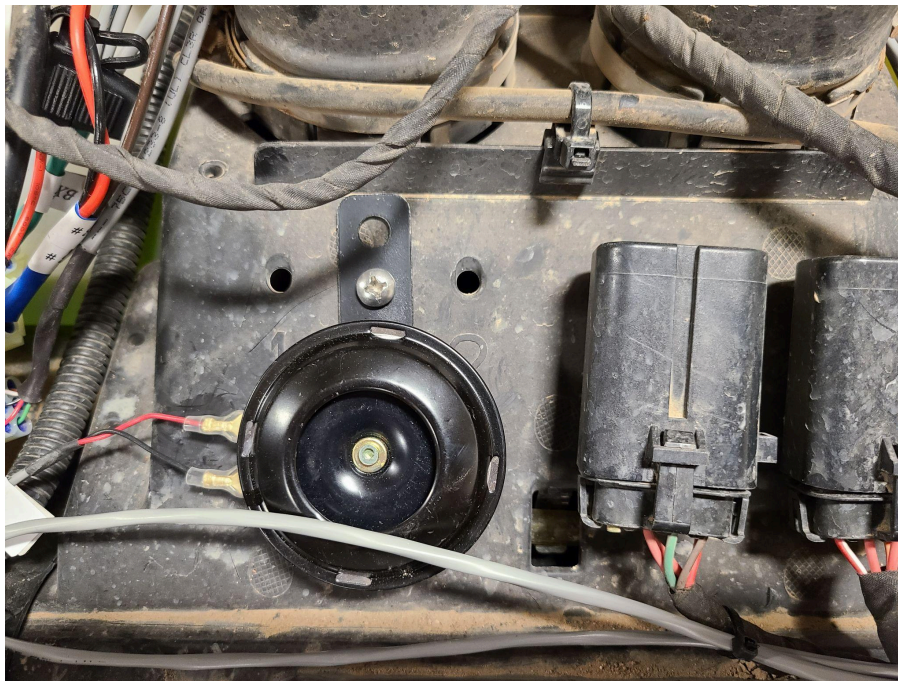
## Front signal mounting

Plug in the cable with green heat shrink UNI-FLC. Route the 2 cables labeled "Right front signal", and "Left front signal" towards their respective sides. Locate a suitable place to mount the front signal lights UNI-SSL. **Making sure the cables come out toward the grill**, drill a  $\frac{3}{8}$ " hole for the cables. Mount with the double sided tape AND the small screws using a 1/16" drill bit. These wires are fragile. Carefully route the wires to the cables marked "Right front signal & Left front signal" and 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. **Wait until last to connect the plug marked "ACC power"**. Mount the horn UNI-HNK as shown. Plug in the wires marked "Horn".



### Option 1-Dash indicator LED lights (2016-2019)

Locate a suitable area on the dashboard to mount the dash indicator lights (UNI-INK). Make sure the wires reach. 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 marked "Left indicator" and "Right indicator" black-black on both indicators, red-red on left red-yellow on right.

Picture coming

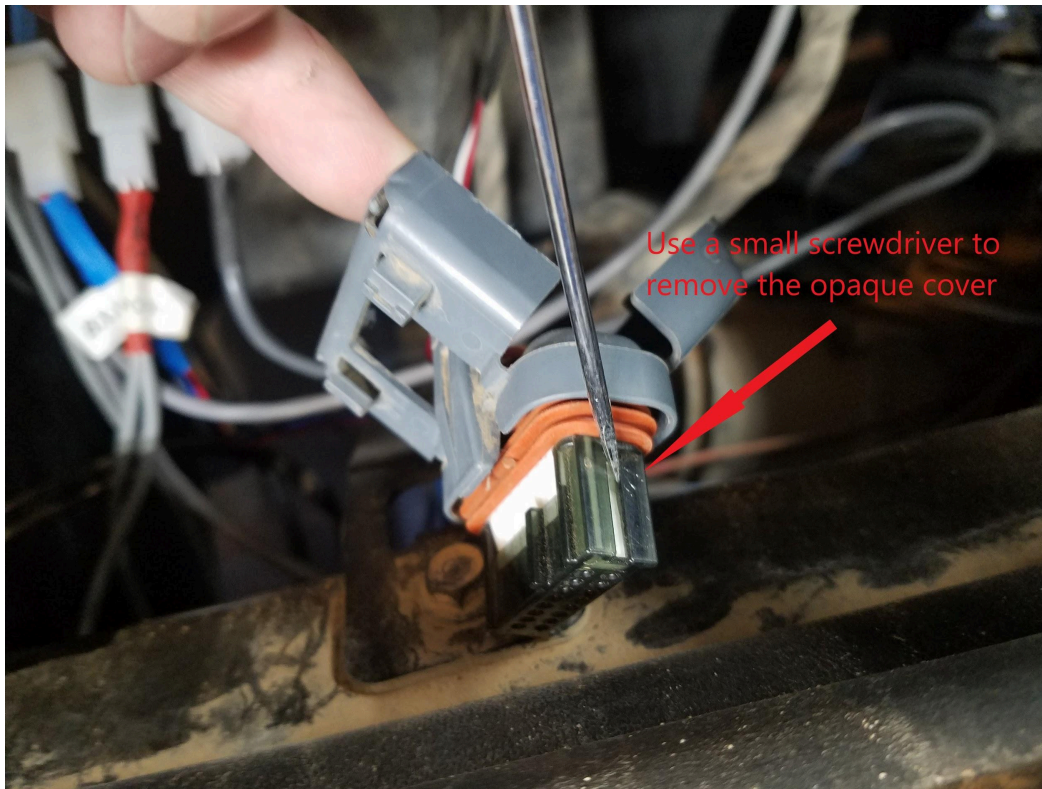
### Option 2- Indicators integrated into dual instrument cluster (2020 AND UP ONLY)





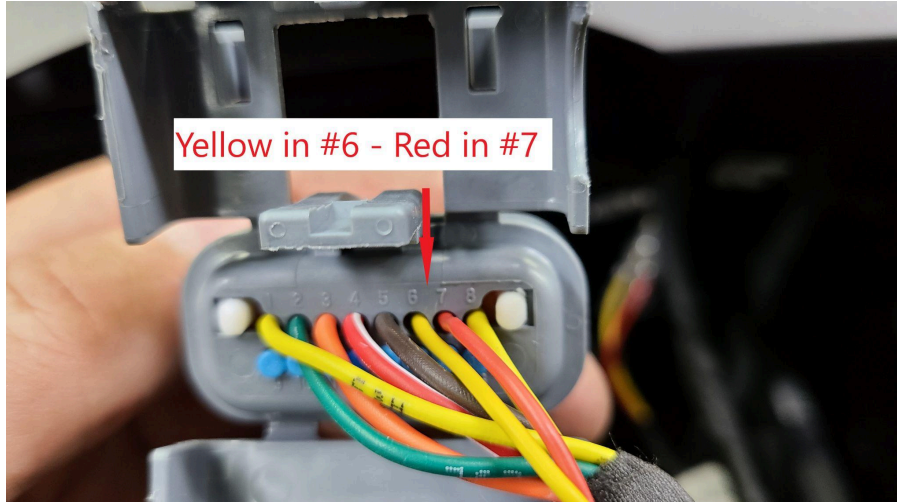
Press latch and unplug from back of speedometer

Open the back as shown. Remove the opaque cover.



Use a small screwdriver to remove the opaque cover

Route cable marked POA-CIC to the large plug. Remove the small seal plugs from holes 6 & 7. Insert the yellow wire in hole 6 and the red wire in hole 7. Replace the opaque cover and close the back.



Route the wires to the cable marked "Right and Left indicators". Connect color to color. Black is not used

## Turn signal switch mounting and wiring

Mount the turn signal switch UNI-TSS to the mounting bracket 001-MBK using the 6mm bolts and lock washers. The bracket can be reversed to move the turn signal switch close to the back of the steering wheel. Use the hose clamp to mount it to the steering column. Make sure the steering tilt handle is still accessible. 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

Install the cable with red heat shrink by starting from the rear of the tunnel. Route the cable along the existing wiring toward the front then to the control box and connect it to the plug with red heat shrink. At the rear of the machine, route the cable marked "Left rear signal" to the left tail light following the existing wire harness. Route the cable marked "Right rear signal" to the right side following the original wiring. Remove the tail lights as shown below. Disconnect the original plugs and plug in the new BX3 cable. Connect the plug with the single wire to the original plug.



## License plate light and back plate

Find a suitable location for the license plate back plate UNI-LPK. Mount the license plate light on the back plate so that it lights the plate. **Caution: Do not over tighten license plate light nut.** Drill  $\frac{1}{4}$ " holes and use the long hex bolts and nuts to mount to the frame. Route the wires from the left tail light marked "License plate light" to the light and connect black-black, red-red. Use cable ties to keep wires away from the hot exhaust. Shown with the tailgate removed.



## Accessory power hook up

Now you can attach the ACC power connector to a power plug or connect to the power terminals under the hood.

## Use cable ties to secure all cables and 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 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 washers, 2- 6mm nuts, 2- 6mm lock washers, 2- #12 x 3/4 sheet metal screws
- UNI-LPF: License plate flat bracket: 4- 6mm x 16mm hex bolts, 4- 6mm nuts, 4- 6mm lock washers, 4- 6mm flat washer
- 2- 6mm x 40mm hex bolts
- PO5-RLC: Cable assembly. Rear light cable
- UNI-FLC: Front signal/indicator cable assembly.
- PO5-PHC: Cable assembly: Power/horn cable
- 2- blue #10 ring terminals
- UNI-CBXv3: Universal control box assembly
- UNI-TSS: Universal turn signal switch assembly
- UNI-SSL: Standard front lights
- 20- 8" cable ties
- UNI-HNK: Universal horn kit: 1- horn
- 001-MBK: Mounting bracket, 2- 6mm x 12mm hex, 2- 6mm star washer 1- #24 hose clamp
- UNI-INK: Universal dash indicator kit: 2- Green LED's with 1/8 male spade
- POA-CIC: Cluster indicator cable assembly
- PO5-INS: 1- Instructions

KEEP THIS PAGE FOR YOUR RECORDS.

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