

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

Kit # YA1-SLK-S, YA1-SLK-A

YA1-INS

Yamaha R-Max

### 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**

**Warning: Disconnect battery cables before continuing**

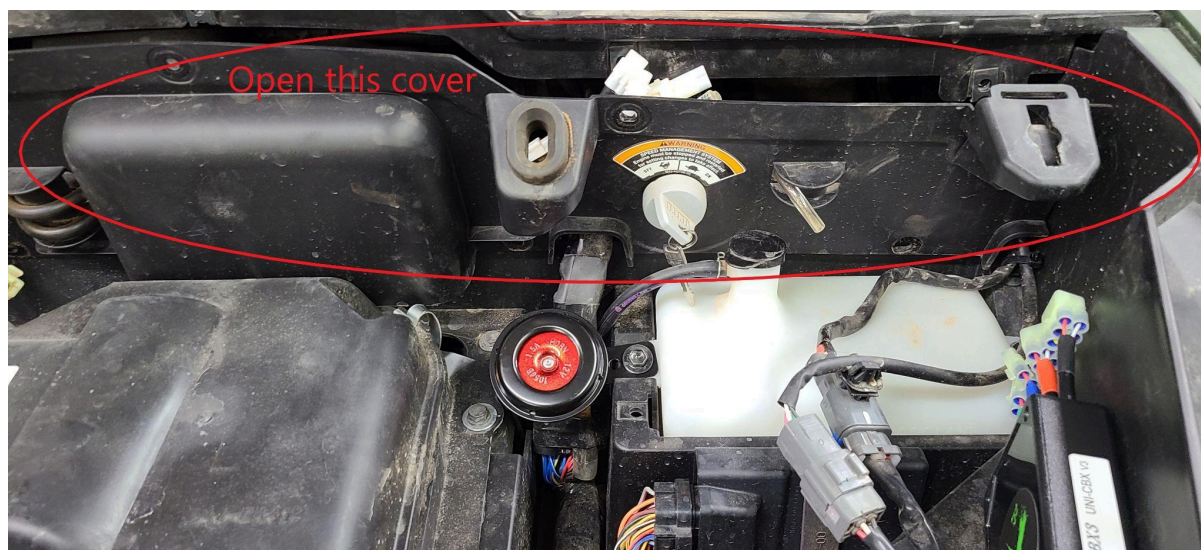
**Warning: Do not connect other accessories to the street legal kit wiring. Damage can occur and the warranty will be void.**

### Recommended tools needed

Drill and drill bit set, screw drivers, small metric socket set or nut drivers, side cut pliers, Allen wrenches.

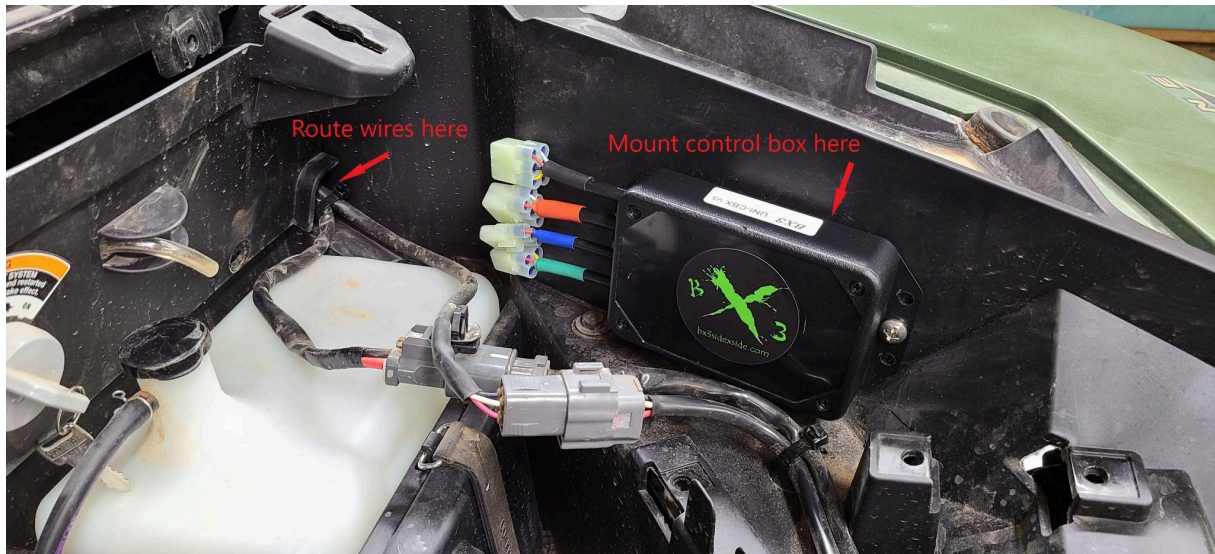
### Start by removing covers

Remove the hood. Remove the tunnel cover(s). Remove the engine cover. Open the cover as shown. Do not remove.



## Control box mounting

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



## Front signal mounting and wiring

Plug in the cable with green heat shrink. Route the 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 3/8" hole for the cables. Mount with the double sided tape AND the small screws using a 1/16" drill bit. Carefully route the wires to the cables marked "Right front signal & Left front signal" and connect the small plugs.





## Optional fang turn signal lights

Install the accent lights and connect the small plugs to the cables marked "Left front signal" and "Right front signal"



## Horn

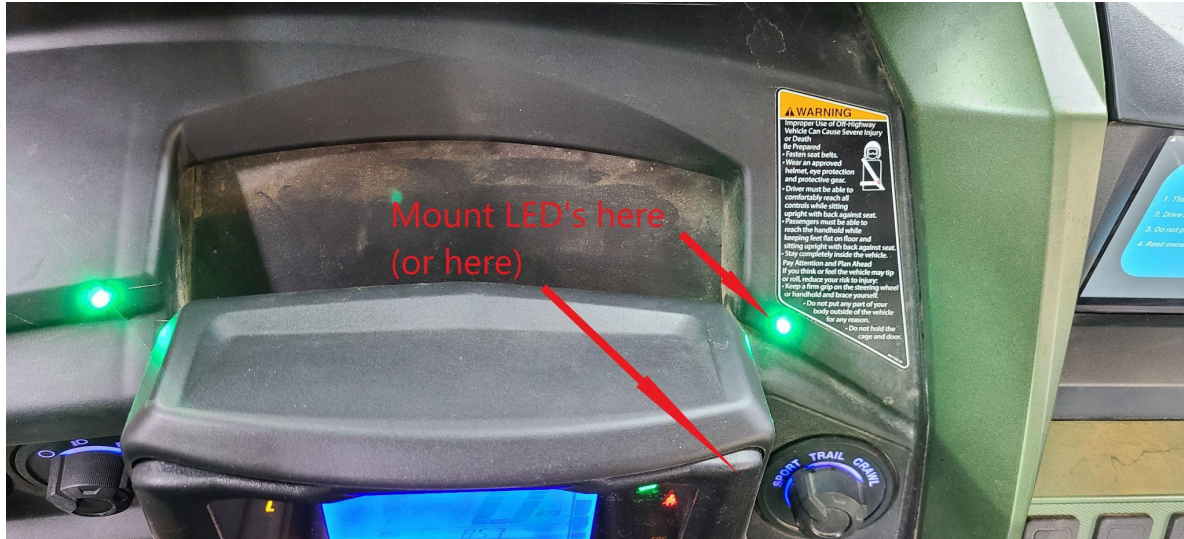
Connect the cable with the blue heat shrink to the plug marked with blue heat shrink on the control box. **Wait until last to connect the plug marked "ACC power"**. Mount the horn UNI-HNK as shown. Plug in the wires marked "Horn".





## Dash indicator LED lights

Locate a suitable area on the dashboard to install the dash indicator lights UNI-INK. Make sure the wires reach. Drill two 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.



## Turn signal switch mounting and wiring

Mount the turn signal switch UNI-TSS to the mounting bracket 010-MBK using the 6mm bolts and lock washers. Position the assembly as shown. Drill two 1/8" holes for the sheet metal screws.





Remove the speedometer cover and make a small notch for the cable as shown. Route the cable to the control box.



## 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. Disconnect the original tail light plugs and plug in the new BX3 cable. Connect the plug with the single wire to the original plug on the left side.





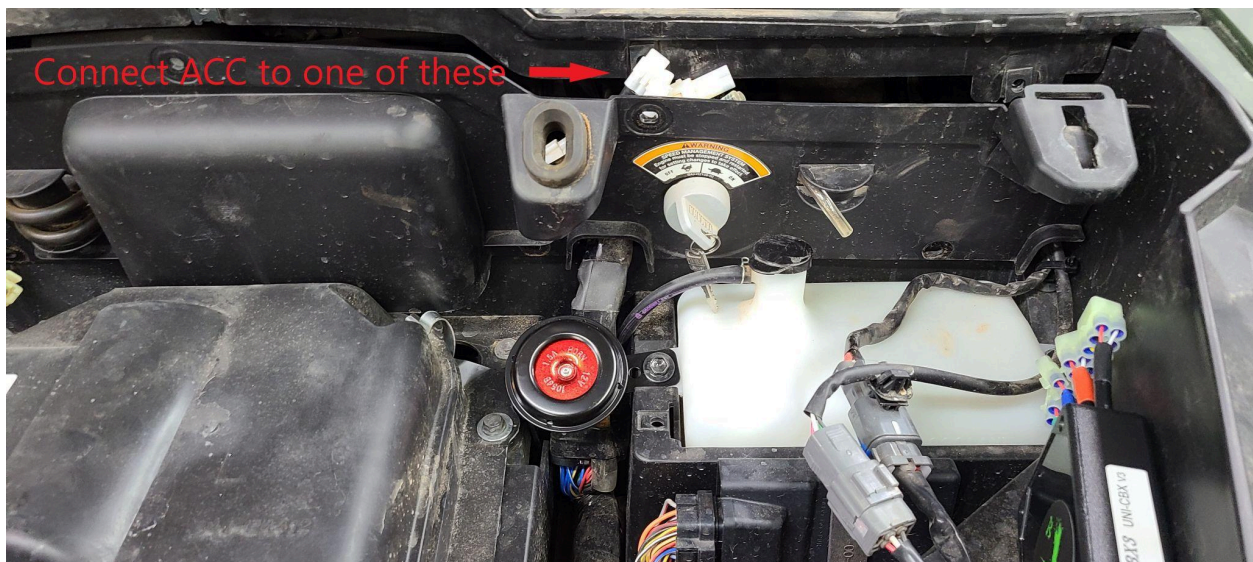
## License plate light and back plate

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 1/8" holes and use the sheet metal screws to mount the back plate. 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.



## Accessory power hook up

Now you can attach the ACC to one of the power plugs 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-FLC: Front signal/indicator cable assembly.
- YA1-RLC: Cable assembly. Rear light cable
- YA1-PHC: Cable assembly: Power/horn cable
- UNI-CBXv3: Universal control box assembly
- UNI-TSS: Universal turn signal switch assembly
- UNI-SSL: Standard front signal lights
- YA1-FSL: Fang front signal lights
- UNI-INK: Universal indicator kit: 2- green LEDs
- 20- 8" cable ties
- UNI-HNK: Universal horn kit: 1- horn
- 010-MBK: Mounting bracket, 2- #12 sheet metal screws, 2- 6mm x 16mm hex bolts, 2- 6mm star washers
- YA1-INS: Instructions

KEEP THIS PAGE FOR YOUR RECORDS.

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