

## BX3 Side by Side Street Legal Kit Instructions. **V3** Kit # KA5-SLK-S

**KA5-INS**  
Kawasaki Ridge 2024-up 2-4 door

### Thank you for purchasing our product.

Please read all of the instructions before proceeding. No special tools required. 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, metric wrenches.

### Start by removing covers

Remove the hood. Remove the cover below the glove box. Remove the engine/tunnel cover(s).

### Control box mounting (UNI-CBXv\*)

Install the control box. Fasten it by the power terminals below the glove box with cable ties or screws.



Keep the box and wires away from the door mechanism



## Front signal mounting and wiring (UNI-FLC)

Plug in the cable marked with **GREEN** to the control box. Route the cables labeled "Right front signal" and "Left front signal" through the firewall grommet towards their respective sides, see below. Locate a suitable place to mount the front signal lights. They should be able to be seen from the front and sides if possible. **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  $\frac{1}{16}$ " drill bit. Route the wires to the cables marked "Right front signal & Left front signal" and connect the small plugs.



Suggested location for front signal lights.



### Horn (KA5-PHC)

Plug in the cable marked **BLUE** to the control box. **Wait until last to connect the red and black wires marked "ACC power"**. Install the horn by mounting it under the hood using a push clip. Route the wires marked "Horn" through the firewall to the horn.



## Dash indicator LED lights (UNI-INK)

To install the dash indicator lights, locate a suitable area on the dashboard above the steering column or other suitable location if the cable wires reach. Drill 2 holes 7/32" and route the indicator wires through. CAREFULLY push the indicators in. Plug the wires into the cable black-black on both indicators, red-red on left red-white on right.



## Turn signal switch mounting and wiring (UNI-TSSv\*, 116-MBK)

Mount the turn signal switch to the mounting bracket with the 5mm flange nuts. Remove the push clip on the bottom of the steering column shroud. Install the bracket as shown using the self drilling screw in the middle hole where the push clip was. Drill  $\frac{1}{8}$ " holes and use the regular sheet metal screws in the two other holes.

Route the cable along the top of the steering column to the control box and plug it into the plug marked with BLACK. Make sure the tilt mechanism does not pinch the cable.



## Rear signal lights (KA5-RLC)

Starting from the rear of the tunnel in the left wheel well, route the cable marked with **RED** along the existing wiring toward the front to the control box and connect it to the plug marked with **RED**. At the rear of the machine, route the cable on the left side to the left tail light. Unplug the plug from the left tail light and plug in the BX3 plug marked "Left tail light". Plug the plug with the single green wire into the original left tail light harness. Route the "Right tail light" cable across the rear to the right tail light and repeat. Tape and abandon the original harness plug on the right.



After



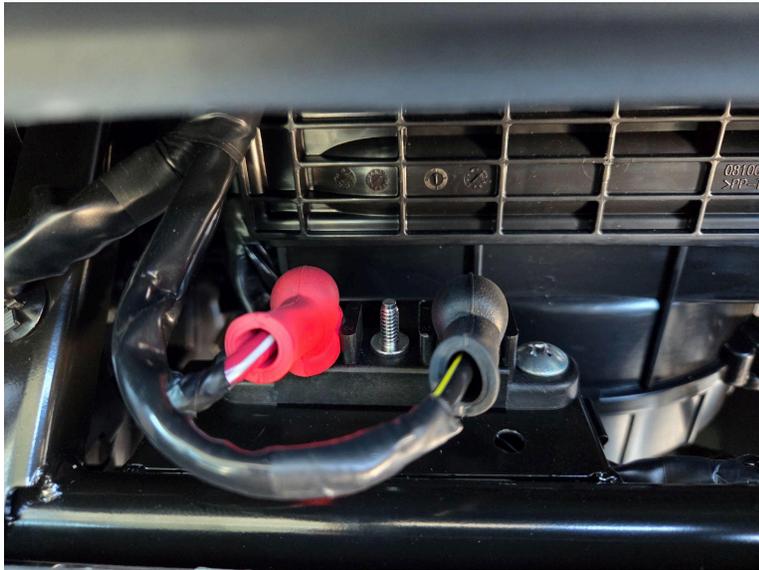
## License plate light and back plate (UNI-LPK)

Mount the license plate light to the backplate using the flat head screws. Use the 6mm x 16mm hex bolts, washers, nuts to mount the rubber clamps to the back plate and to the rear cross bar. Route the wires from the right tail light marked "License plate light" to the light and connect black-black, red-red.



## Accessory power hook up (KA5-PHC)

Now you can route and attach the "ACC power" wires to the accessory posts under the glove box. Connect the new red wire to the post with the red/white wire. Repeat with the new black wire and black wire with the yellow stripe.



**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.

4 pin flat 4 foot trailer wiring harnesses available. Call 801-592-1350

## 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- 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 sheet metal screws
- 2- 1.25" P clamps
- UNI-FLC: Front signal/indicator cable assembly
- KA5-RLC: Rear light cable assembly
- KA5-PHC: Power/horn/brake cable assembly
- UNI-CBXv3: Universal control box assembly
- UNI-TSSv2: Universal turn signal switch assembly
- UNI-SSL: Standard front signal lights
- 20- 8" cable ties
- UNI-HNK: Universal horn kit: 1- horn
- 116-MBK: Mounting bracket, 2- 5mm flange nuts, 2- #10 sheet metal screws, 1- #10 self drilling screw
- UNI-INK: Universal indicator kit: 2- green LEDs

KEEP THIS PAGE FOR YOUR RECORDS      DATE OF PURCHASE \_\_\_\_\_

**For parts and service, please contact us at 801-592-1350 or go to [bx3sidexside.com](http://bx3sidexside.com)**