BX3 Side by Side Street Legal Kit Instructions. v3   CA2-INS

Kit # CA2-SLK-S, CA2-SLK-E   2017-up Can-Am X3

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.

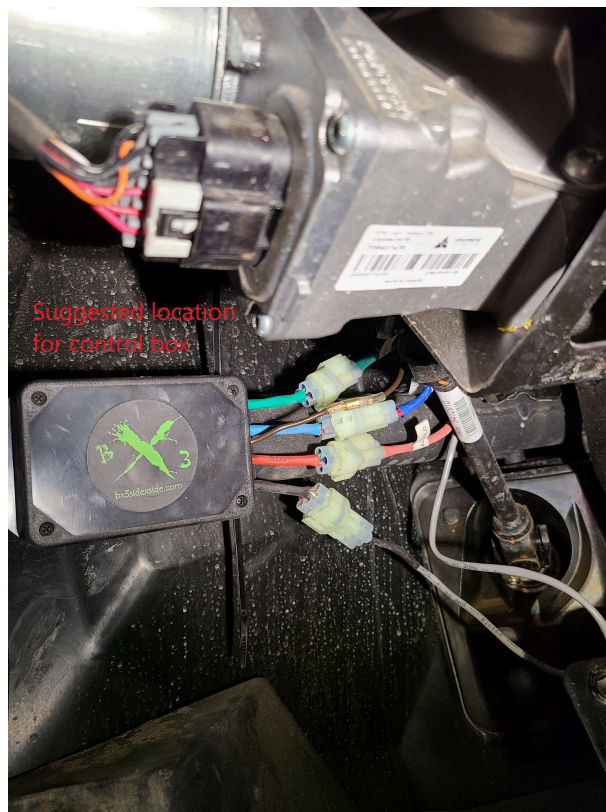## Warning: Disconnect battery cables before continuing

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 driver's side seat(s). Remove the driver's side tunnel cover(s).

Control box mounting

Install the control box UNI-CBXv3 using two of the cable ties. Fasten it to the bar above the driver's left foot rest.
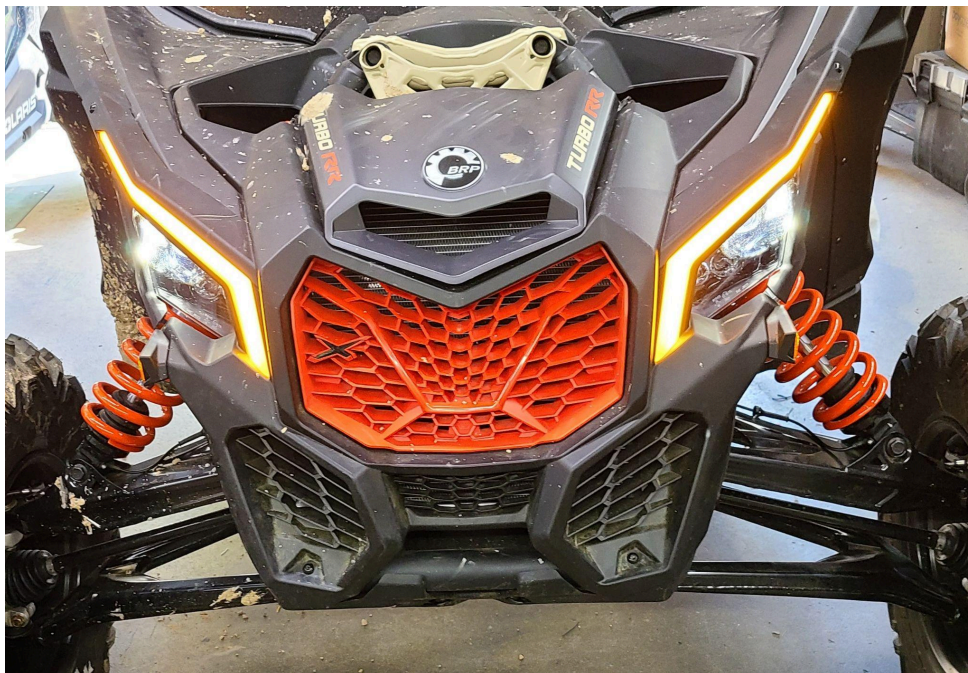
Front signal mounting and wiring

Plug in the cable with green heat shrink to the control box. Route the two cables labeled "Right front signal" and "Left front signal" through the lower grommet on the firewall towards their respective sides. Mount the front signal lights to the angled bracket with the double sided tape. Drill through the screw holes with an ⅛" drill bit then use the 3mm screws/lock nuts to attach. Make sure the cables come out toward the grill. Using an ⅛" drill bit, mount the front signals with the sheet metal screws. Carefully route the wires to the cables marked "Right front signal & Left front signal" and connect the small plugs.
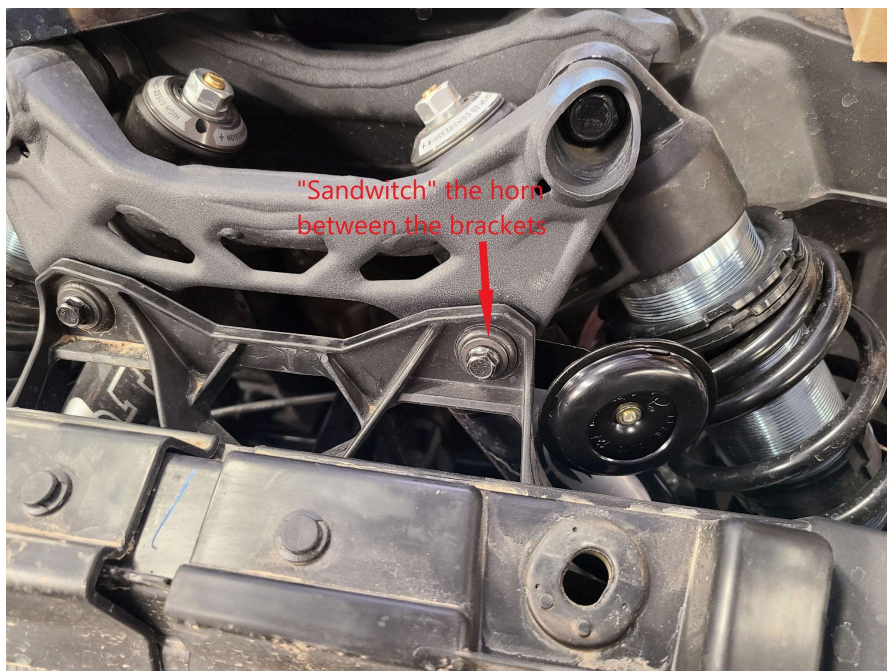

Eyebrow signal light option. Replace the accent lights and connect the original plugs. **(Search Youtube for Can-Am X3 eyebrow installation videos).** Carefully route the wires to the cables marked "Right front signal & Left front signal" and connect the small plugs.
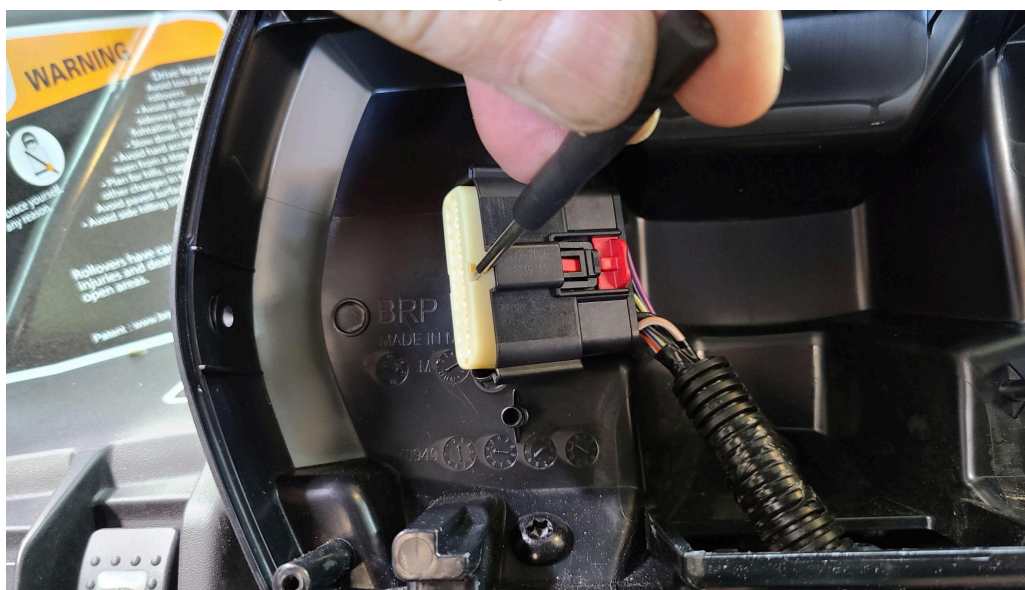
Horn

Connect the cable with the blue heat shrink to the plug marked with blue heat shrink on the control box. 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 on the front bracket as shown. Plug in the wires marked "Horn".
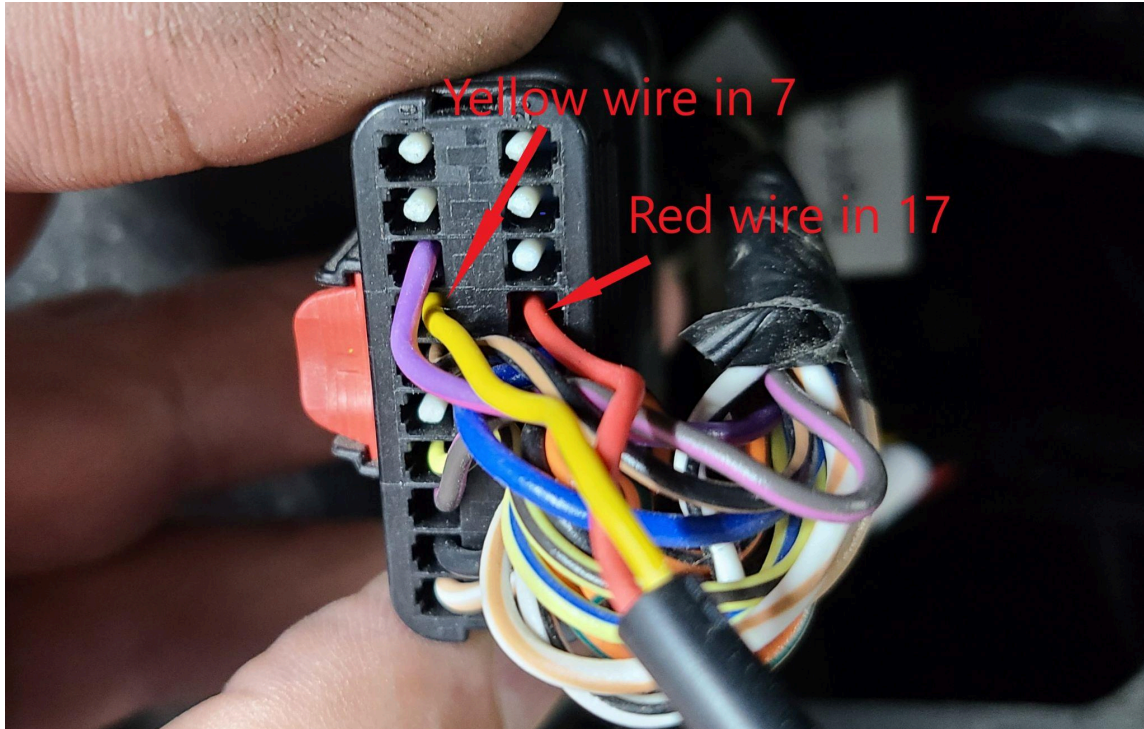

"Sandwitch" the horn between the brackets

Option 1- Indicators for large instrument cluster/speedometer with black plug. (2019-up)

Route the cable marked CAB-CIC to the large plug. Unlock the red lock and carefully unplug the large black 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 is not used.
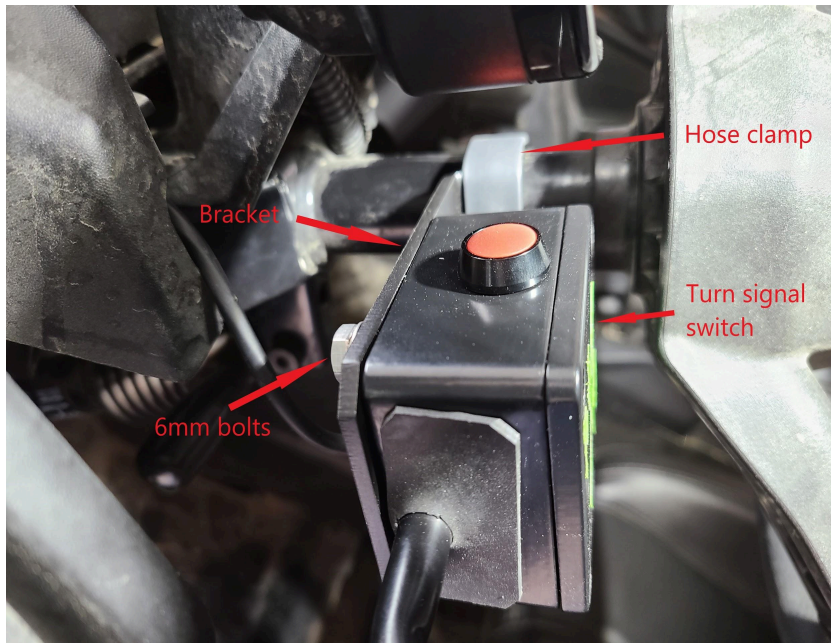
Yellow wire in 7
Red wire in 17

Option 2- Dash indicator LED lights (2017-up)

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

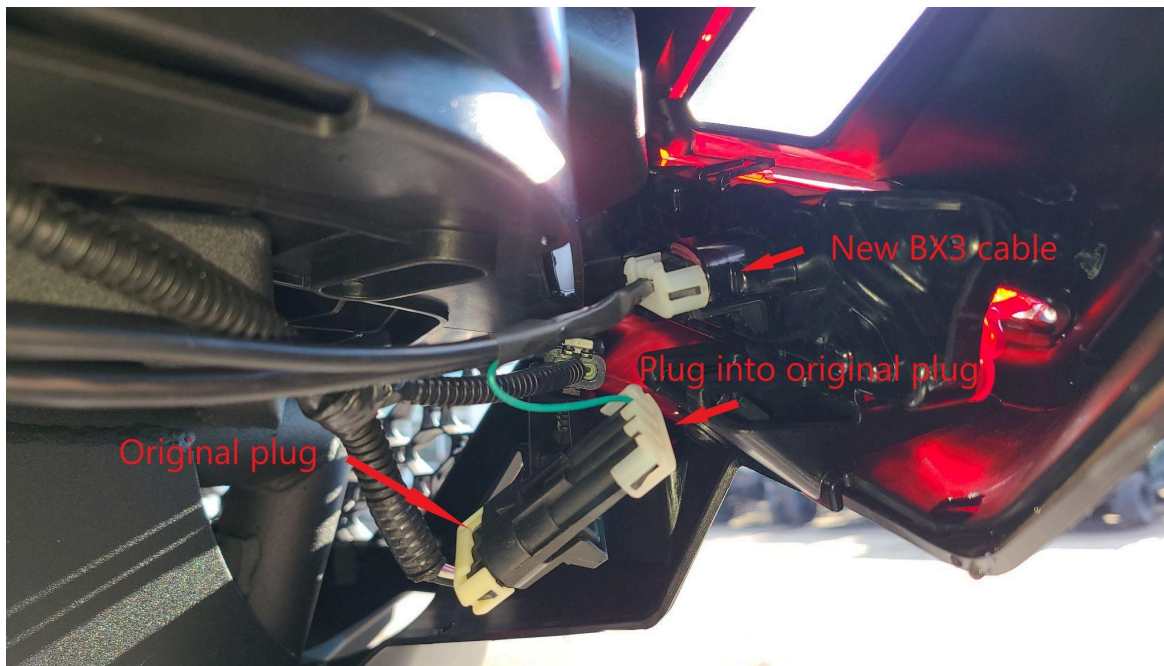Suggested location for dash indicators

Turn signal switch mounting and wiring

Mount the turn signal switch UNI-TSS to the mounting bracket 002-MBK using the 6mm bolts and lock washers. Use the hose clamp to mount it to the steering column. 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.
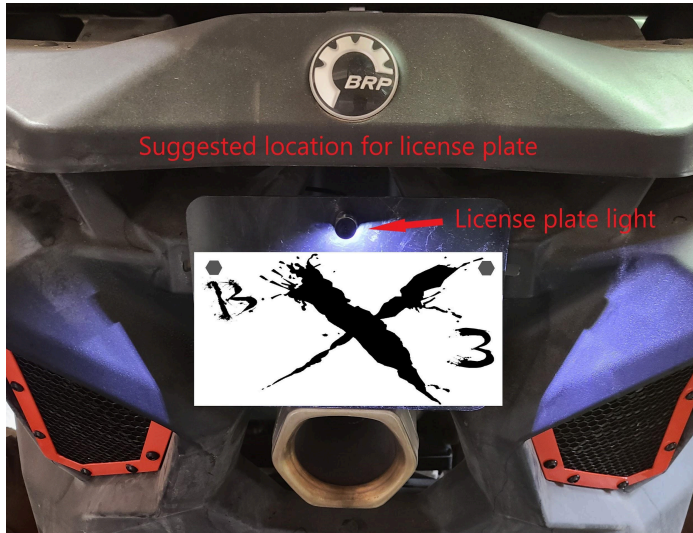

Rear signal lights

Install the cable with red heat shrink. Starting from the rear of the tunnel, 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. Unplug the old cables and plug in the new BX3 cables. On the left, connect the new plug with the single wire back to the old plug.

License plate light and back plate

UNI-LPK. Install the license plate light in the top center hole of the back plate. Using the 6mm bolts/nuts/washers, bolt the back plate and license plate to the slotted holes on 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

Now you can route and attach the "ACC power" wires to the terminal posts (located under the dashboard left of the lighter plug) with the provided 6mm nuts 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 accidently 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 sheet metal screws

☐ CA2-RLC: Rear light cable assembly

☐ UNI-FLC: Front signal/indicator cable assembly

☐ CA2-PHC: Power/horn cable assembly with 2- M6 nuts

☐ UNI-CBXv3: Control box assembly

☐ UNI-TSS: Universal turn signal switch assembly

☐ UNI-SSL: Standard front signal lights

☐ UNI-SLA: Standard front light angle bracket: 4- #12 sheet metal screws, 4- 3mm x 20mm screws, 4- 3mm lock nuts

☐ CA2-ESL: Eyebrow signal light option

☐ 20- 8" cable ties

☐ UNI-HNK: Universal horn kit: 1- horn

☐ 002-MBK: Mounting bracket, 2- 6mm x 12mm hex, 2- 6mm star washer 1- #20 hose clamp

☐ UNI-INK: 2- green LED's with ⅛" spade (2017-2018)

☐ CAB-CIC: Cluster indicator cable assembly (2019-up)

☐ CA2-INS: Instructions

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