

BX3 Side by Side Street Legal Kit Instructions. v3

HO4-INS

Kit # HO4-SLK-S

2021-up Honda Pioneer 520

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 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

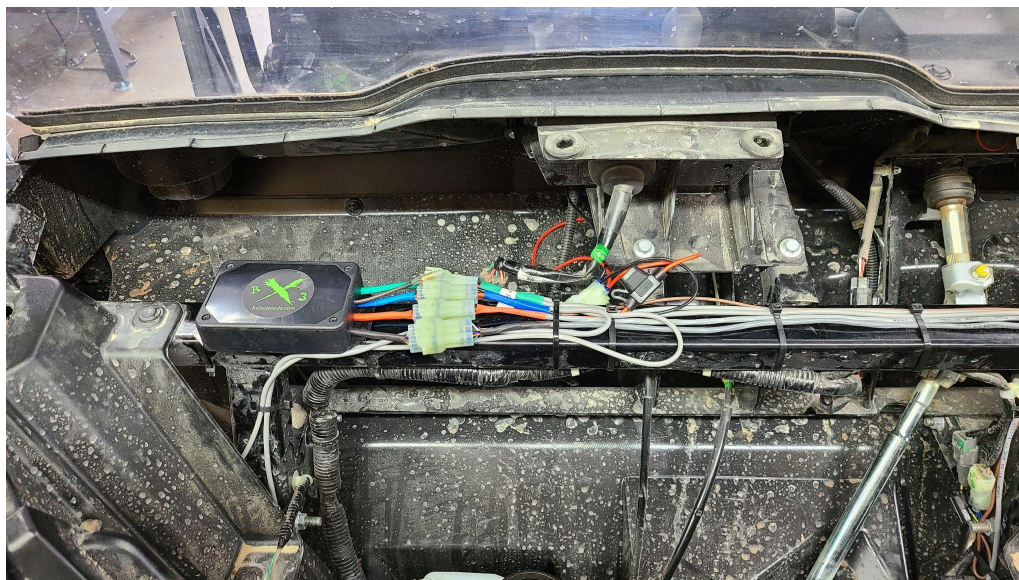
Drill and drill bit set, screwdrivers, small metric socket set or nut drivers, Allen wrenches, side cut pliers.

Start by removing covers

Remove the hood. Remove the tunnel cover(s).

Control box mounting

Install the control box UNI-CBX under the hood as shown below using cable ties with the plugs toward the driver's side.



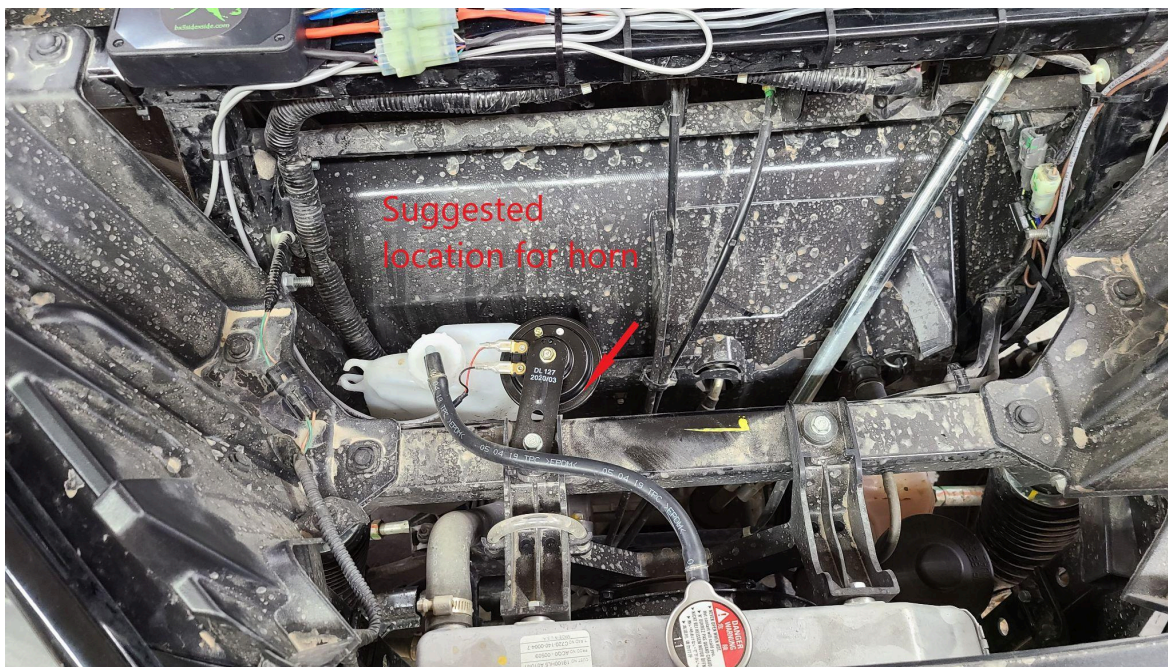
Front signal mounting and wiring

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 the cables come out toward the grill**, drill a $\frac{3}{8}$ " hole for the cables. Mount with the double sided tape AND the 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.



Horn

Plug the cable with the blue heat shrink into the plug marked with blue heat shrink on the control box. **Wait until last to connect the red and black wires marked "ACC power"**. Install the horn UNI-HNK under the hood in a convenient location. Plug in the wires marked "Horn".



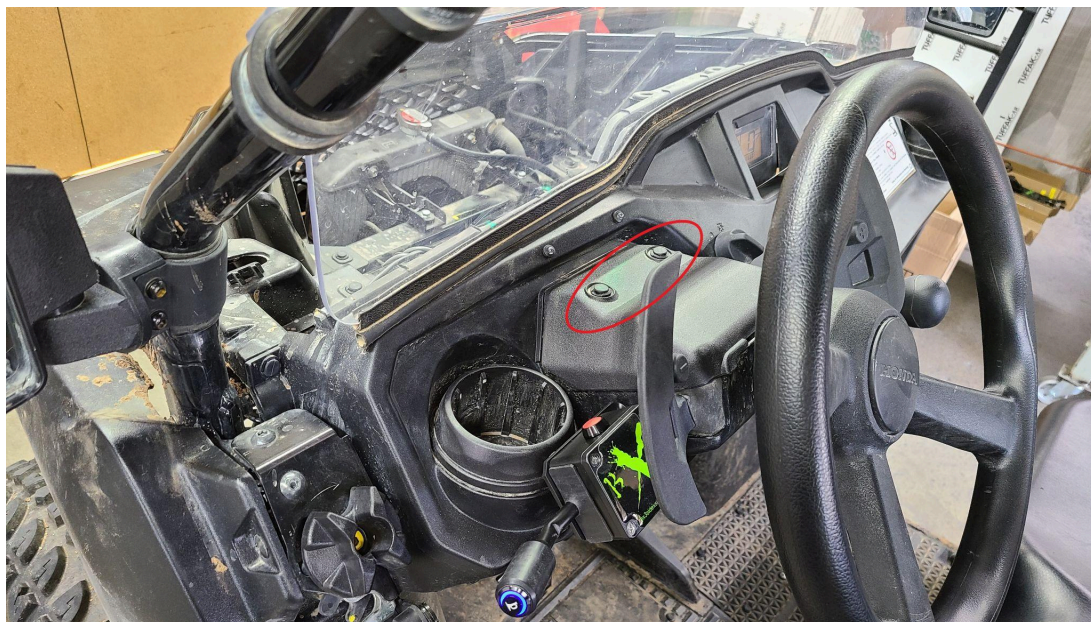
Dash indicator LED lights

Making sure the wires reach the cable, locate a suitable area on the dashboard to install the dash indicator lights. (UNI-INK). 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 cables 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 004-MBK using the 6mm bolts and lock washers. Remove the top steering column plastic cover by removing the two plastic clips as shown below. Use the supplied hardware to mount the bracket. (See picture below)

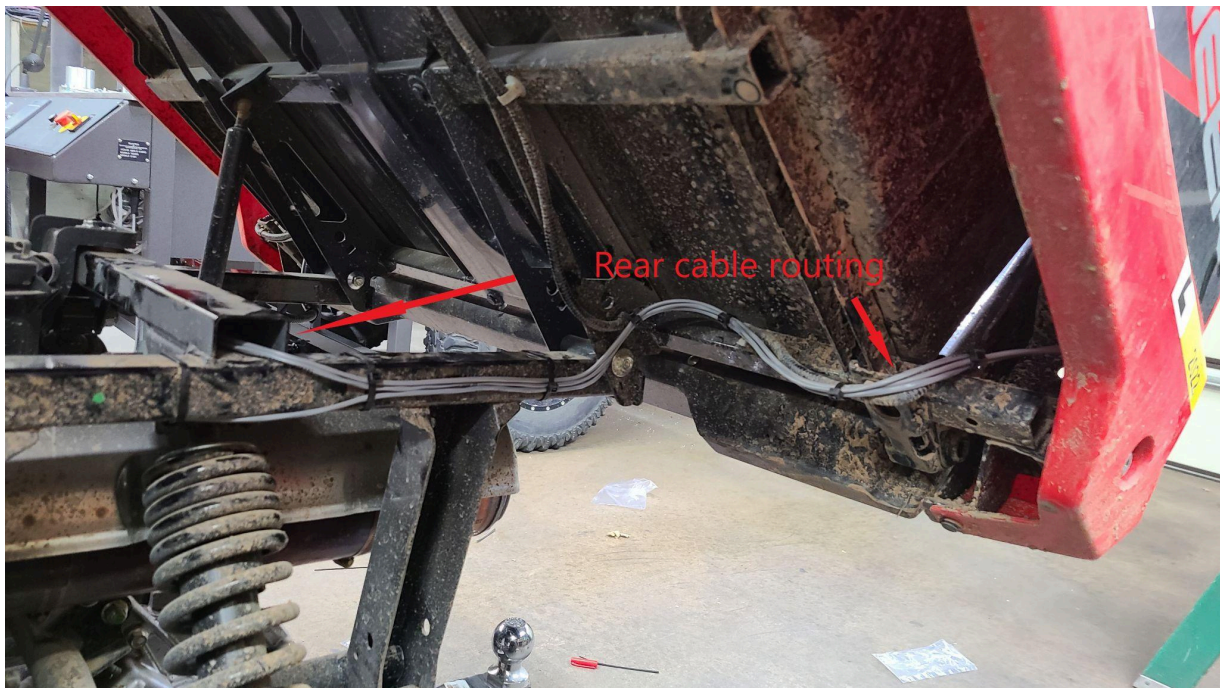




Replace the top cover. Route the cable along the steering column to the control box and plug it into the plug marked with black heat shrink.

Rear tail/brake lights

Starting from the rear of the tunnel, route the cable with red heat shrink 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 marked "Left tail light" to the left tail light. Unplug the existing wire harness from the tail light then plug in the new BX3 cable. Connect the plug with the single wire back to the original plug. Route the cable marked "Right tail light" across the rear, avoiding the hot exhaust, to the right tail light and repeat. Tape the original plug.



License plate

To install the license plate kit UNI-LPK, find a suitable location for the license plate. Using the back plate as a template, drill two 1/8" holes for the sheet metal screws. **Caution: Do not over tighten license plate light nut.** Route the wire marked "License plate light" to the light and connect black-black, red-red.

(Picture not exact)



Accessory power

Find the red 4 pin accessory plug under the hood. Remove the cover and plug in the plug marked "Street legal acc power".

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, 4- 6mm flat washer, 2- 6mm nut, 2- 6mm lock washer, 2- #12 x 3/4" sheet metal screws
- UNI-FLC: Front signal/indicator cable assembly
- HO4-RLC: Rear light cable assembly
- HO4-PHC: Power/horn to assembly
- UNI-CBXv3: Universal control box assembly
- UNI-TSS: Universal turn signal switch assembly
- UNI-SSL: Standard signal lights
- 20- 8" cable ties
- UNI-HNK: Universal horn kit: 1- horn
- 004-MBK: 1- Mounting bracket: 2- 6mm x 12mm hex bolts, 4- 6mm star washer.
- UNI-INK: Universal indicator kit: 2- green LEDs with 1/8" male spade
- HO4-INS: Instructions

KEEP THIS PAGE FOR YOUR RECORDS.

DATE OF PURCHASE _____