



CAN-AM RYKER 2019-UP*

Trike 13 strip/tube chasing LED Lighting Kit

Visit [MetraPowerSports.com](https://www.MetraPowerSports.com) for more detailed information about the product and up-to-date vehicle Specific applications

Product Features

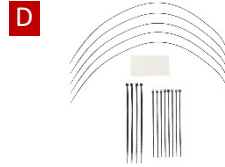
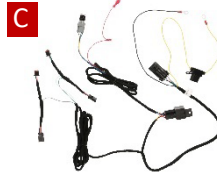
- Plug n Play T-harnesses with OE Style Connections
- Trigger Controls for Brake and Turn signals pre-wired
- Independent On/Off switch included
- Heise Connect controller included
- RF Remote

Kit Applications

- Ryker 2019-UP • Ryker Rally 2019-UP • Ryker Sport 2022-UP

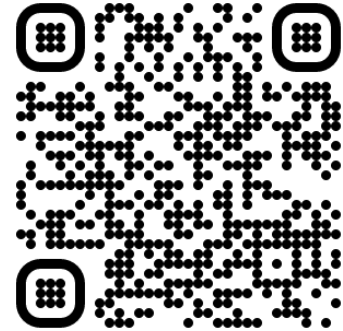
What's in the box

- A) Controller • B) 10 Strips and 3 tubes • C) Taillight T-harness • D) Prep pads, adhesive, and cable ties



Step 1 Install Video

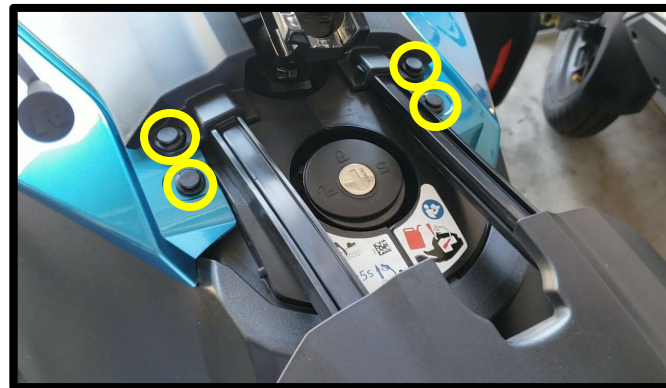
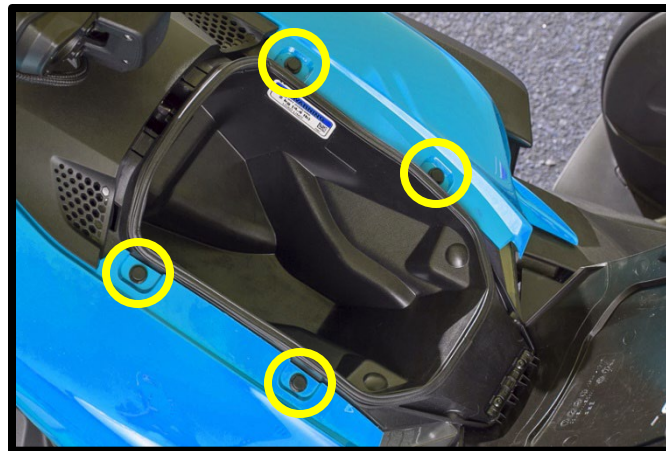
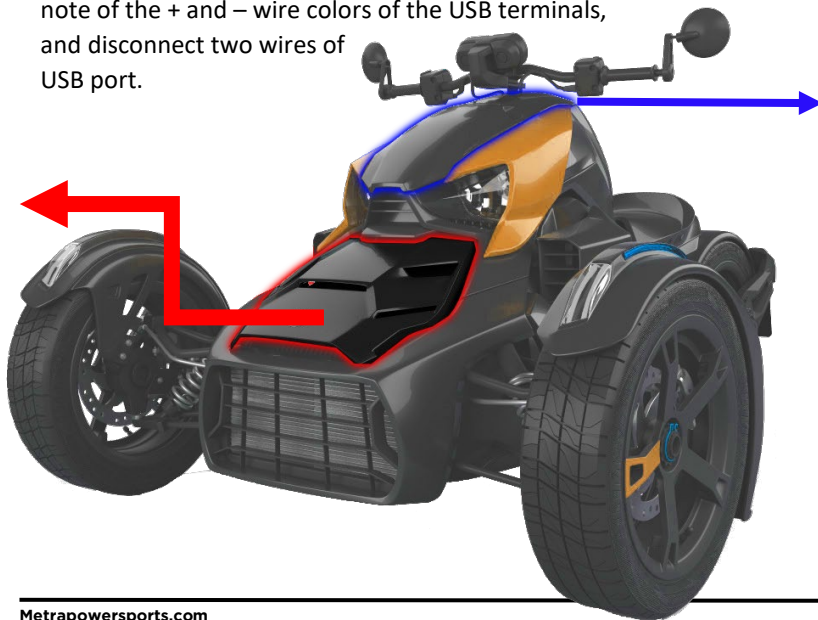
- Scan QR code, to view install



Attention! We recommend removing the main battery fuse prior to installation. When testing the after-market equipment, ensure that all factory equipment is connected before cycling the key to ignition.

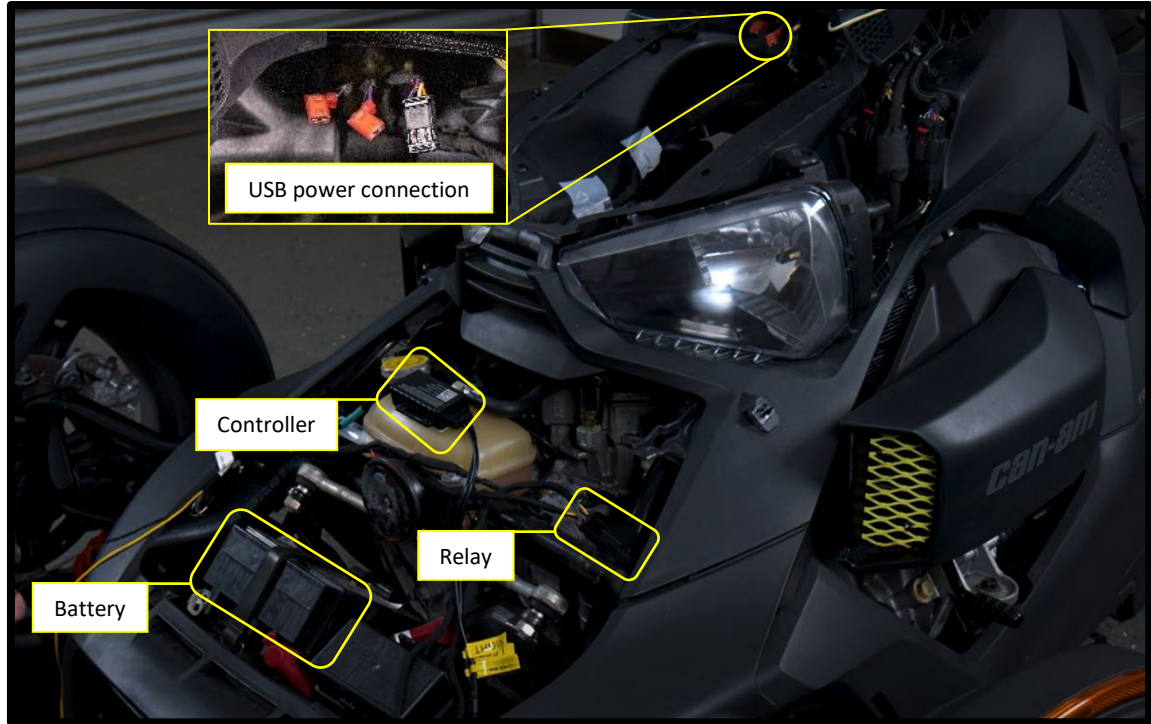
NOTE: secure all wires during the installation, and do not leave loose hanging wire. Make sure to avoid hot surfaces and pinch points.

We will be starting the installation on the controller. First, remove the hood panel, then open the front storage compartment and fuel tank cover. Using a panel tool, remove the 8 push pins securing the side panels. Next unclip handlebar trim from the storage compartment, and lift storage compartment out of the bike. Make note of the + and – wire colors of the USB terminals, and disconnect two wires of USB port.



Installing the controller:

clean outside of coolant reservoir with alcohol and stick the controller to the top of the coolant tank with the power wire pointing to battery side of the bike. Route the black and yellow wire to the battery, connecting the yellow wire to positive terminal, and black wire to negative terminal. Cable tie the relay to the right side of the cross brace. Run the switch wire, following the factory harness, up to the storage compartment USB connectors. Connect the red wire to the positive of the USB terminal.



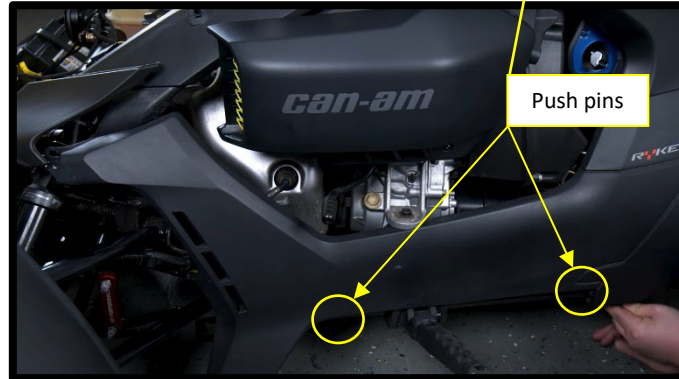
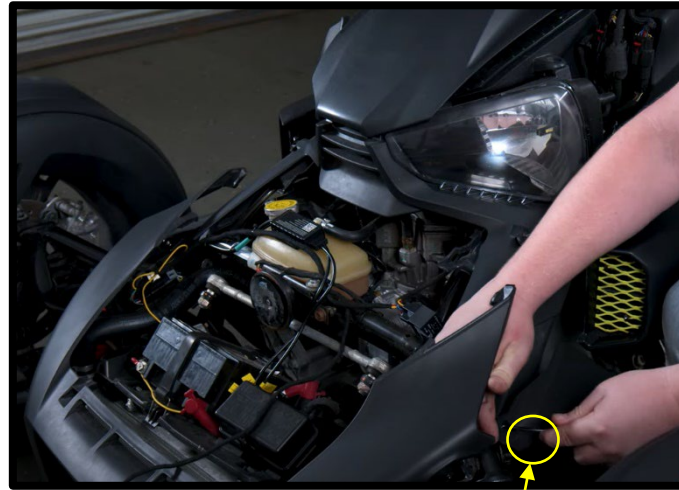
Installing the controller

switch: Looking at the back of the storage compartment. Locate the molded hump to the right of the USB port, from the bottom point of the hump measure 1.5" to the right, and 0.5" down and mark that point. Using 5/8th drill bit, make hole at the marked point. Remove the switch from the socket, and install into hole. The gasket should be placed between stitch head and compartment wall. Secure the switch with nut, from the rear. Connect switch into the socket, and USB wires to correct terminals on USB port. Place compartment back into place.

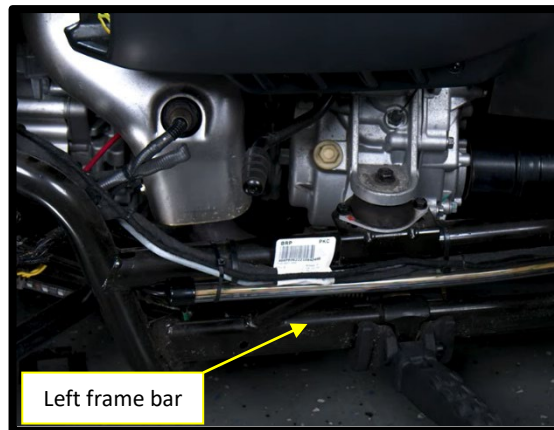
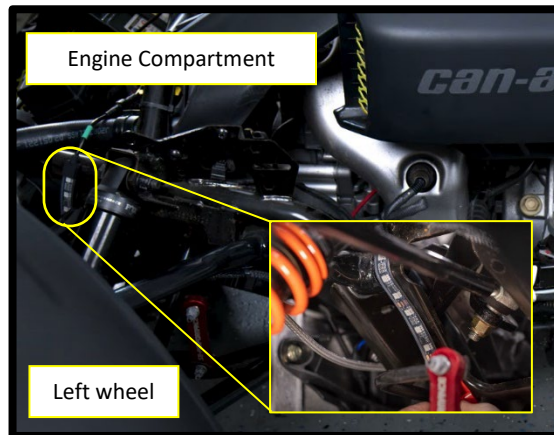


Install left lighting:

Unclip upper corners of the front bumper to access hidden push pins, using a pry tool remove push pins. Remove the two push pins from lower edge of side panels, and remove side panels. Route the tailgate cables over the left frame bar.



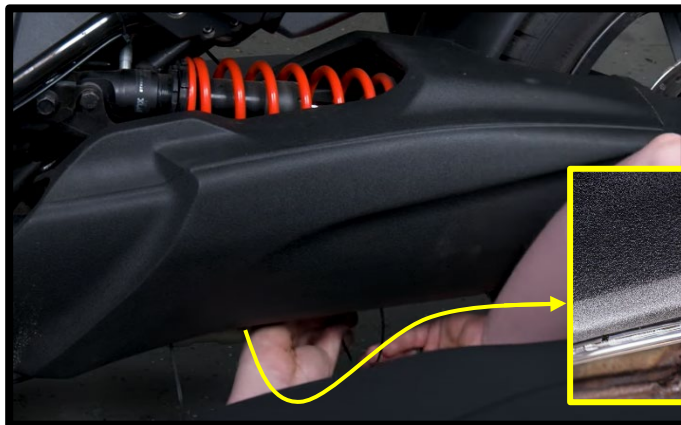
Connect LED strip “controller left” to the left output of the controller. Clean the leading edge of the left a-arm frame with alcohol and adhesive promoter. Stick LED strip into place, connect LED strip marked L1 to this strip. Clean the side edge of skid plate with alcohol and adhesive promoter, stick LED strip into place and connect the LED tube marked “L2” to the previous strip. Then cable tie the LED tube and tail light cable to frame bar.



Connect 1 to 3 splitter to LED tube, connect LED strip marked "LTA" into splitter and clean knee bolster with alcohol and adhesive promoter, sticking LED strip into place and connect LED strip marked "LTB" to previous strip. Then clean rear side of gas tank opening with alcohol and adhesive promoter, stick LED strip into place, connect LED strip marked "L4" into splitter. Clean left seat frame with alcohol and adhesive promoter, stick LED strip into place and connect LED tube marked "ARM" into splitter.



Clean left seat frame with alcohol and adhesive promoter, stick LED strip into place and connect LED tube marked "ARM" into splitter. Cable tie the LED tube and taillight cable to the factory harness running along the bottom edge of the swing arm.



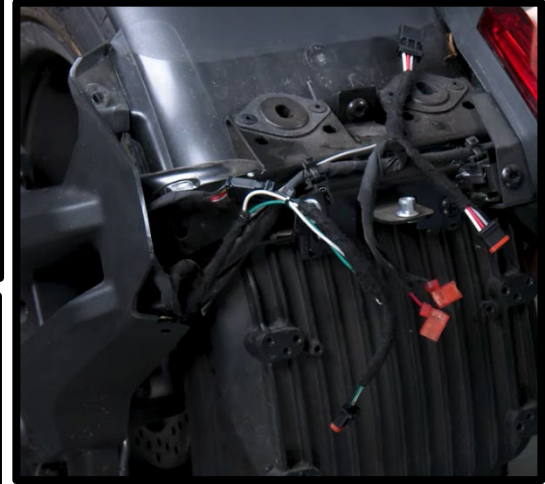
Tail light T-harness cable:

Remove (2) two T-25 screws from the rear of each tail light, and one T-30 screw from the license plate panel. From the fender side, lift up license plate panel up and rest out of way.

Remove (1) one T-30 screw from each tail light, route the tail light cable to the left side taillight then disconnect tail light.

Connect the connector with green and white cable to taillight. Connect factory connection to open connection on t-harness, repeat for right for the tail light using the connector with a gray cable.

Reassembling the Tail light when complete.



Install right lighting: Repeat same LED light install process for right side of the bike.

Testing

- Press the switch in the storage compartment to test the lights for functionality. Press again to turn lights off.
- Start the bike then test turn and brake functionality. Turn bike off.
- Reassemble removed panels.

NOTE: Set pixel count to 30 for Underglow kit

Heise Connect app: Scan QR code to download HEISE Connect



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Or via phone at:
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