

"RYCOMOTO" Turn Signal / Horn Kit
BY RYCO MOTORSPORTS INC.

PN 4100

Kawasaki Teryx 2 seater 2008 thru 2013

STOP - THIS KIT IS DESIGNED SPECIFICALLY FOR ALL YEAR 2 SEATER TERYX 2008 THRU 2013. IF YOUR MACHINE IS NOT ONE OF THESE DO NOT PROCEED. Contact Ryco Motorsports or your local dealer.

Where do I start?

Step 1 – Read the instructions. If you are a guy and like most of us feel you can install this without taking the time to read the instructions then you should ask your wife or significant other to read them to you. I went to a lot of effort to create the instructions and I feel bad when no one reads them. Answers to all your questions should be covered in the installation instructions. We've included a lot of photo's for those of you who are visual and don't enjoy words.

What's in the box?

Let's become familiar with the items you will be installing on your machine.



Switch



Front turn signal LED adapter



Front LED turn signal lights



Screw "hose" clamp



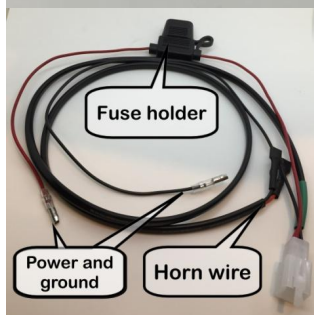
Rear turn signal wire harness



screw clamp cover



2 piece aluminum clamp



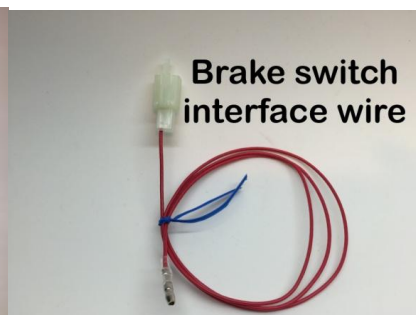
Fuse holder

Power and ground

Horn wire



3PINDI dash indicator



Brake switch interface wire

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What tools do I need?

Tools needed: 10 mm socket/nut driver, Phillips screwdriver, 10 mm wrench, center punch, drill motor, 9/32", 3/4" and 7/8" diameter drills and pliers (or flat blade screwdrivers) to pull plastic push rivets.



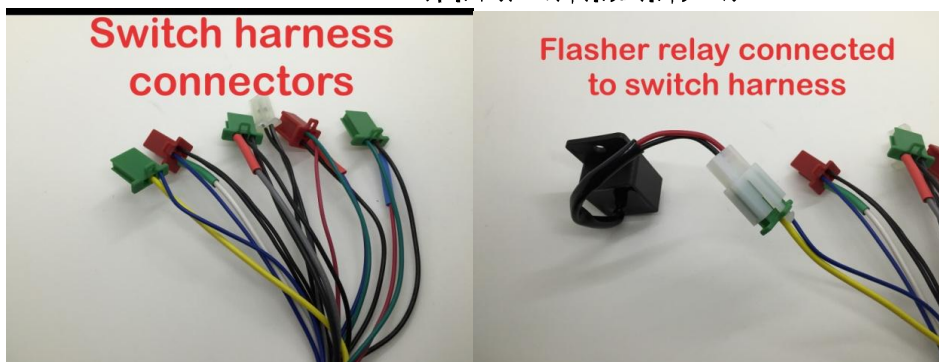
Let's get started.

We'll show you how most of the items go together, then we'll show you where they go and how best to install the hardware.

Let's start at the switch. The switch harness connector interfaces with the various components. Notice the color coding on the most of the switch harness connector cables. Match the colors of the COLORED SLEEVES (red to red, green to green and blue to blue) on the cables when you install the components on the machine.

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PN 4100

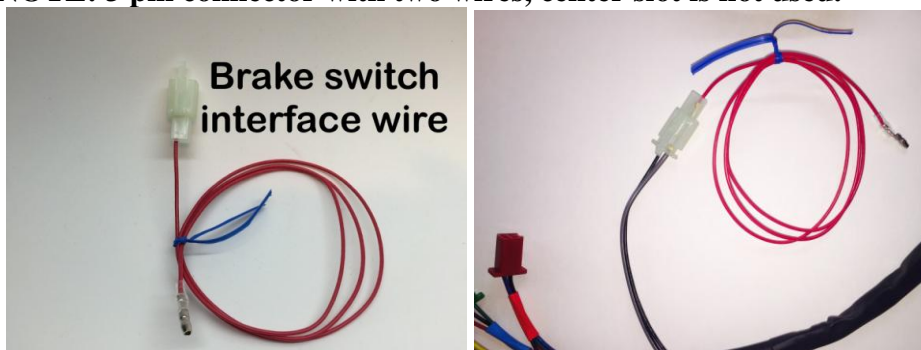


The flasher relay interface is the only 3 pin connector with no color coding.
NOTE: 3 pin connector with two wires, left slot is not used.

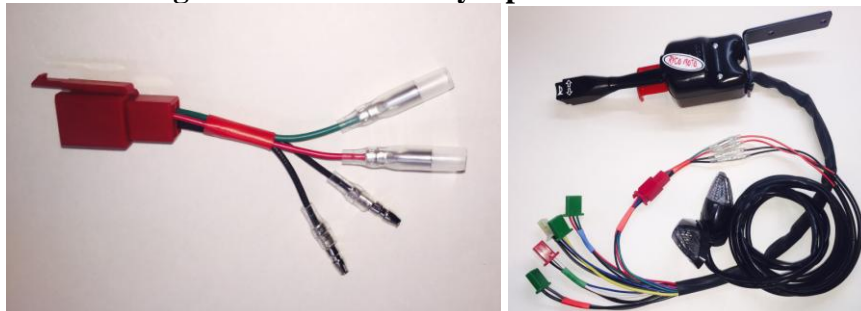


The horn, power (fuse holder) and ground wires interface is a 4 pin connector with **green** color coding.

The rear turn signal harness interface is a 3 pin connector with **red** color coding.
NOTE: 3 pin connector with two wires, center slot is not used.



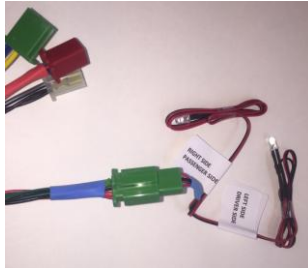
The brake light module is the only 2 pin connector and has no color coding.



The front turn signal harness interface is a 4 pin connector with **red** color coding.

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PN 4100



The dash mounted turn signal

indicators interface is a 3 pin connector with **blue** color coding.

Installation instructions

NOTE: Where possible run new cables along side the existing wires and utilize existing cable tie / anchors where practical and ensure wires do not contact moving components or hot surfaces

NOTE: The switch should NOT have any of the cables or components installed on the harness until after the switch is installed and the switch harness is routed behind the dash.

1. Access the front cover or on older models slide cover up on the roll bar and secure in place.



2. Install the alum spacer on the steering column approximately in the center of the opening and mount the turn signal / horn switch on the steering column / spacer utilizing the screw clamp.
3. Route the turn signal switch wiring through the opening with the steering column and secure with wire ties away so not to interfere with the steering shaft.
4. Install the flasher relay, horn and power (fuse) / ground harness, turn signal indicator harness and brake light module harness to the switch harness.

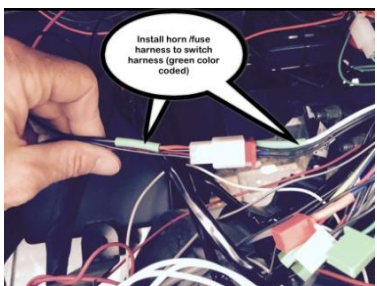
NOTE: Front and rear harnesses will be installed later.

NOTE: Ensure the color coding is correct (Colored sleeve on the cables NOT the color of the connectors nor the color of the wires).

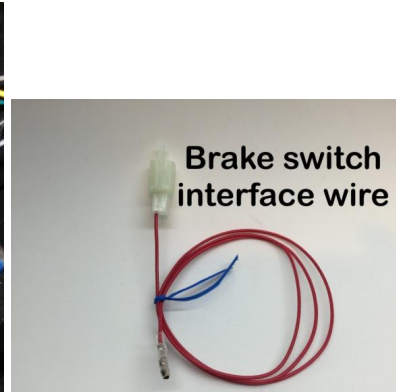
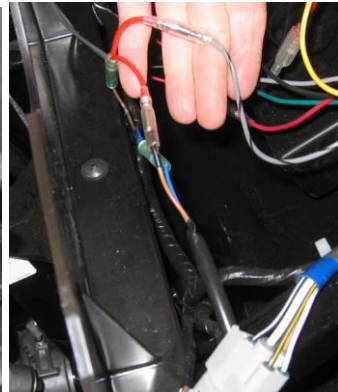
5. Secure the switch harness to a cross member using a cable tie. The flasher relay and can be bundled and secured with a cables tie to the switch harness.

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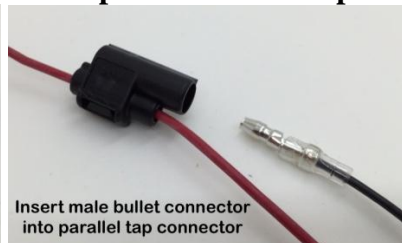
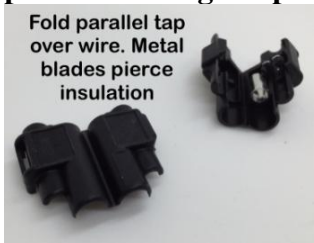
PN 4100



6. Locate the brake switch and trace the wires to the bullet connectors.
7. Install a parallel tap on the blue wire near the bullet connector.



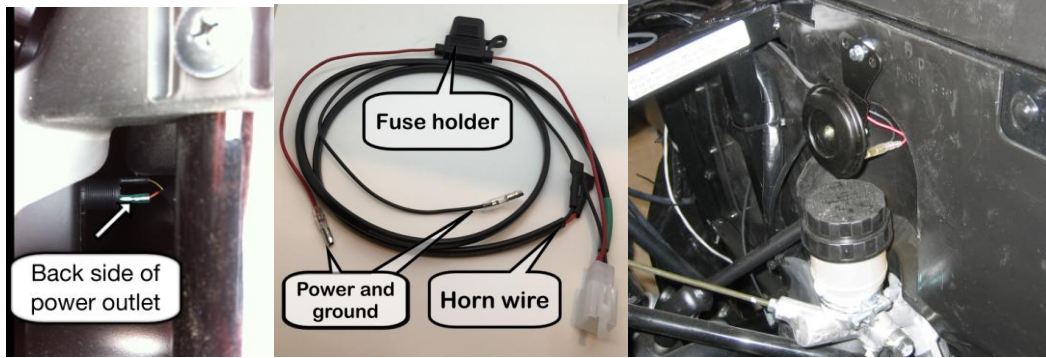
NOTE: Check orientation of parallel tap to insure access for the male connector prior to seating the parallel tap connector with pliers.



8. Route the red brake switch interface wire from the Ryco switch harness and plug the brake switch interface wire to the parallel tap connector on the blue wire.
9. Route the fused power and ground wires to the back side of the auxiliary power outlet.
10. Insure the ignition key is in the off position and the key removed.
11. Locate the wires leading to the auxiliary power outlet.
12. Install a parallel tap on both the red or red/brown and black/yellow wires.
13. Plug the red wire on the horn, power (fuse holder) and ground cable into the parallel tap on the red, or red/brown wire.
14. Route the horn cable wires through the firewall and plug the wire onto the horn, either wire can go on either horn terminal.
15. Install the horn by removing the 6mm fastener located above the brake reservoir and replacing it with the provided longer 6 mm bolt and nylon spacer as shown.

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PN 4100



- 16. Position the front LED signal lights approximately as shown and mark the location of the mounting hole. Drill two 1/4" (5mm) diameter holes and install the LED light.**



NOTE: Where possible run new cables along side the existing wires and utilize existing cable tie / anchors where practical and insure the wiring does not contact moving components or hot surfaces.

- 17. Mark the desired locations for the two LED dash mounted indicator lights, taking into account the length of the LED wires and the location of the connectors on switch harness where the LED interface.**

- 18. Drill two 9/32" mounting holes in the dash for the indicator LED's.**

NOTE: Carefully insert the LEDs into the grommet to prevent damage to the wires and resistor. Note: A little moisture or lubricant can be helpful when installing the LED's/ grommets.

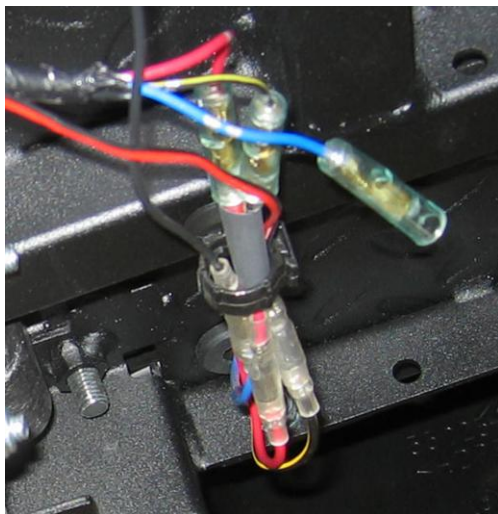


Seat the rubber grommet into the hole, then push the LED into the holder from the rear until it is slightly protruding.

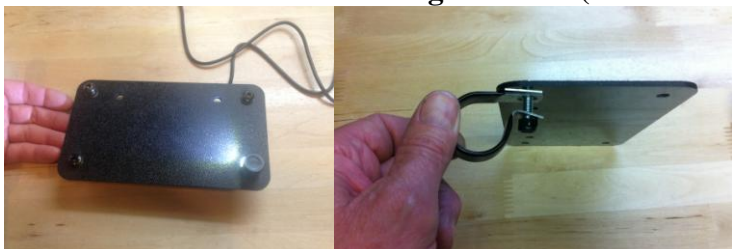
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PN 4100

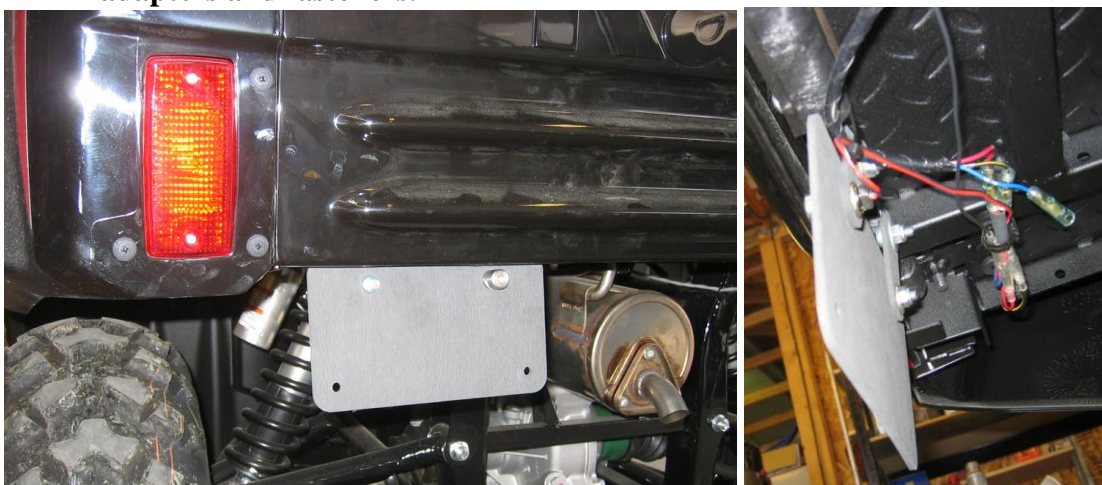
19. Route rear wire harness to the rear taillight connectors from the front of the vehicle, run the wires next to the existing wire where possible.
20. Unplug and abandon the blue wires that lead to the two taillight assemblies. (May be wire tied or taped back to the wire bundle, the wires carry 12 volt DC when the brake is applied.)
21. Connect taillight harness passenger side blue wire to the Ryco harness red wire and the driver side blue wire to the Ryco harness black wire.



NOTE: LED lights are polarity sensitive. The positive side (red wire) must be attached to the 12 volt source and the negative side (black wire) must be attached to ground.

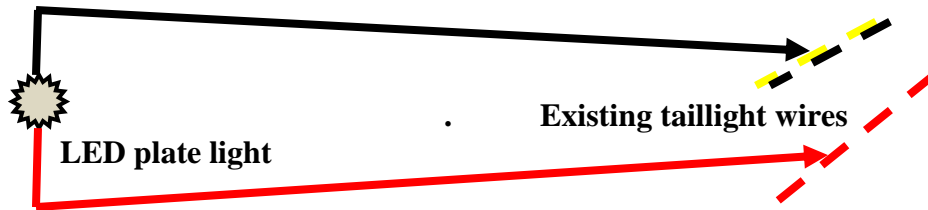


22. Install the license plate holder as shown utilizing the provided clamps, 2 hole adapters and fasteners.



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PN 4100



NOTE: The LED will not be damaged if installed backwards, but it will not illuminate

NOTE: Check orientation of parallel tap connector to insure access for the male connector prior to seating the terminal with pliers.

22. The plate light may be installed as one of the 4 plate holder bolts or mounted to the side of the plate holder utilizing one of the provided 2 hole taps
23. Expose the black/yellow and red wires leading to the taillight assembly and install a parallel tap connector on each wire.
24. Plug the LED plate light red wire into the parallel tap on the vehicle red wire.
25. Plug the LED plate light black wire into the parallel tap on the vehicle black/yellow wire.

Note: Double check all connectors prior to turning ON the ignition

26. Turn ON the ignition and verify the horn and turn signals function.
27. Turn ON the headlight switch and the verify plate light is illuminated, verify turn signals and brake light functions correctly. Pull the hazard switch and verify that feature functions correctly.
28. Secure all wires with provided wire ties.
29. Reinstall the dash access cover.

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