

## **CAN-AM RYKER - Hazard Light Harness Installation Instructions**

**\*\*Please read thoroughly before proceeding with installation in order to ensure proper fit & functionality\*\***

### **TOOLS NEEDED:**

Push Pin Retainer Removal Tool  
T20 torx bit with driver  
T40 torx bit with driver  
M6 allen wrench  
Phillips screwdriver  
Blue loctite

### **PARTS LIST:**

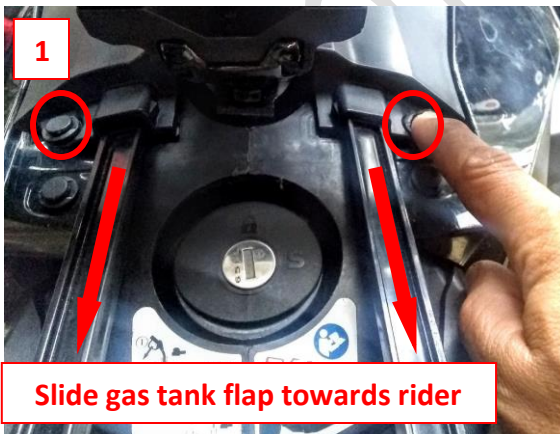
Small zip ties  
(1) Hazard Harness  
(1) Activation Button

### **STEP 1.**



Open the glove box and remove the 3 pushpins from the fairing on the left hand side fairings.

### **STEP 2.**



1. Slide the fuel tank flap assembly open and remove the 2 retaining pushpins.
2. Remove the upper fairing.

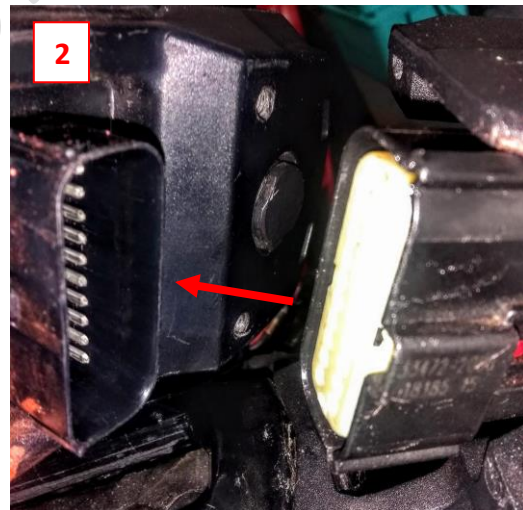
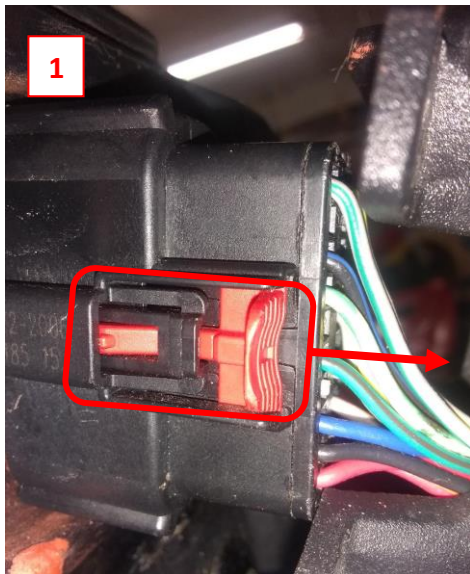
**STEP 3.**



Remove the 4 retaining torx k50 x 16 screws from the back of the Multifunction Gauge utilizing a T20 torx bit.

**\*\*Do not throw these away, you will be reusing these screws.\*\***

**STEP 4.**



Pull the Multifunctional Gauge away from the cluster support far enough to expose the female connector from the OEM harness.

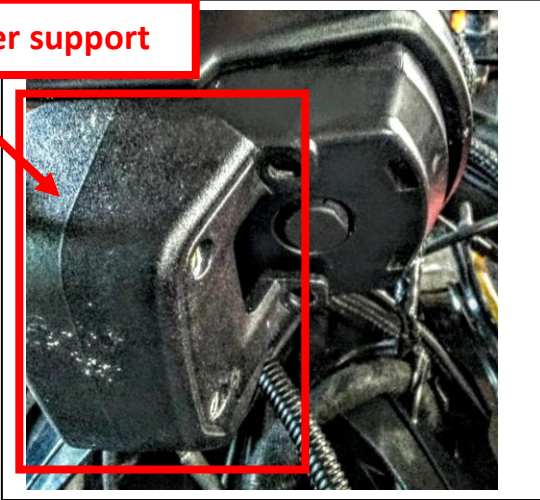
1. At this time, use your thumb to disengage the red safety latch from the multifunctional gauge by pulling away from the gauge.

2. Now you will be able to separate the gauge from the OEM harness.

Set the multifunctional gauge in a safe place.

**STEP 5.**

**Cluster support**

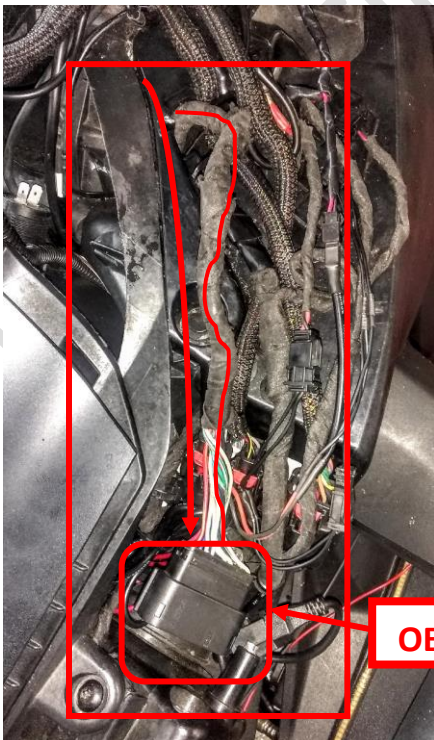


**Steering Stem**

While holding onto the cluster support, take a T40 torx bit and remove the m8 x 25 torx screw that holds the cluster support to the steering stem. Remove OEM steel cable support that holds the cables in place. It will not be reused, use a zip tie to secure cables together at the end of install to neatly retain cables.

Add a drop of blue loctite on the M8 X 25 screw and torque to 9 lbf.in.

**STEP 6.**



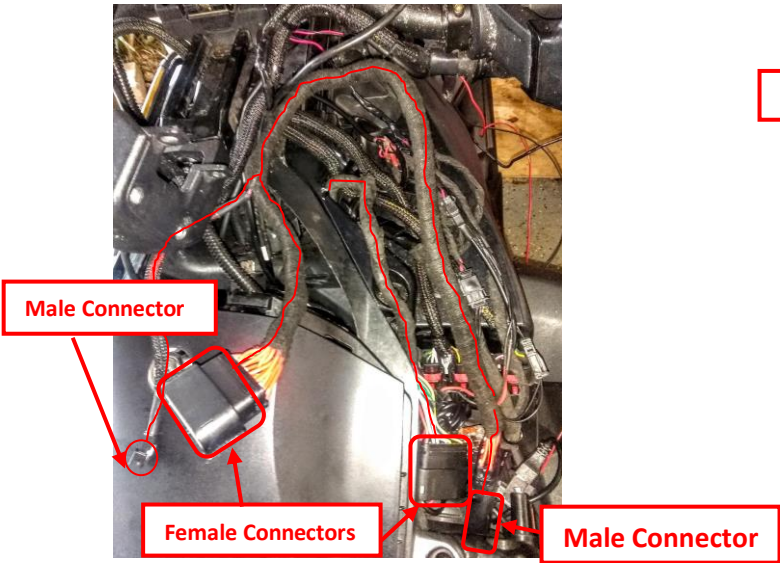
**OEM Female Connector**

Remove the OEM harness from the steel cable support and begin to reroute the OEM, female connector end first, towards the void behind the left headlamp along the tank cover.

You can use the provided zip ties to neatly secure the harness later.



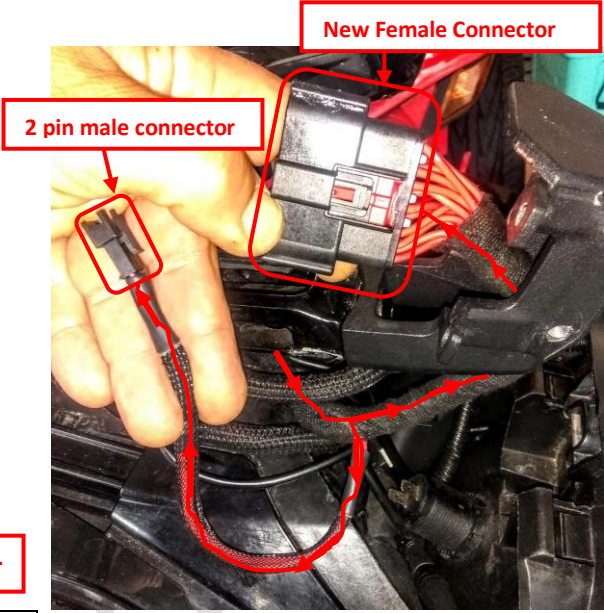
**STEP 7.**



Next, take your new Hazard Light Harness and lay it out where you will be installing it.

Lay the male connector of your new Hazard Light Harness next to the female end connector of the OEM harness.

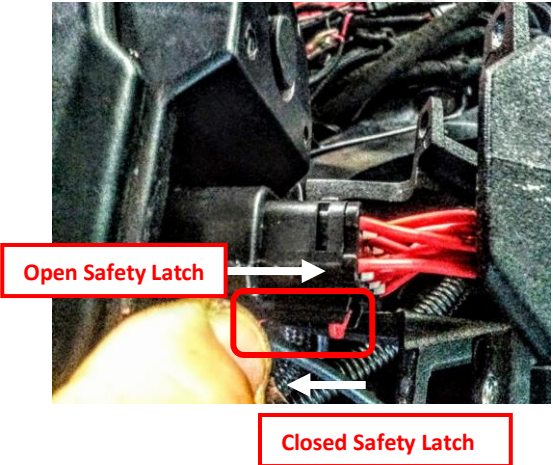
**STEP 8.**



Route the female connector of your new Hazard Light Harness through the opening in the bottom of the cluster support.

Make sure that you route the smaller harness with the male 2-pin connector toward the right side of the cluster support towards the handlebar.

**STEP 9.**



Make sure the **red safety latch** is in the open position, which should be pulled away from the connector, of the female connector of your new Hazard Light Harness.

Give yourself a little slack to allow for an easier and good connection of your new harness and the Multifunctional Gauge

Grab the multifunctional gauge in one hand the female connector in the other and push the female connector into the gauge.

Now push the **red safety latch** towards the multifunctional gauge, you should feel it engage or hear a click.

Grab the female connector and give it a light tug to ensure the harness is secured to the gauge.

### STEP 10.



It's time to re-secure the Multifunction Gauge to the steering stem.

Slowly push the gauge towards the cluster support and align the holes on the back of the gauge with the holes on the cluster support

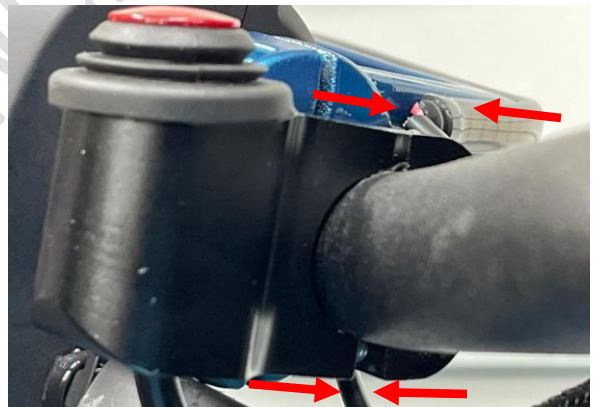
While holding the gauge, grab the (4) K50 X 16 torx screws and begin to insert and hand tighten the gauge to the cluster support.

Grab the T20 torx bit and driver and carefully tighten them each to 4 lbf.in

### STEP 11.

**\*\*At this time, if you have a windshield, you can install it in accordance with its instructions\*\***

### STEP 12.



Installation of the waterproof push button is next.

1. Take a phillips screwdriver and remove the (2) screws on the back of the activation button.
2. place the portion with the red activation button on the handlebar as close to the left multifunction switch. Hold in place and attach the lower bracket with the 2 screws that you removed in step 1.

Make sure to tighten them evenly .

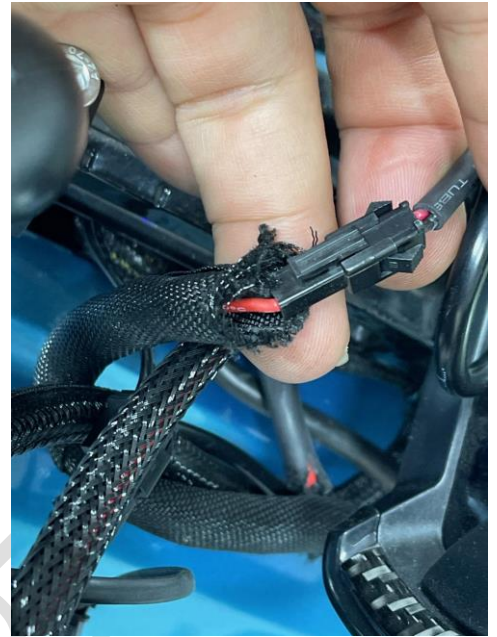


**STEP 13.**



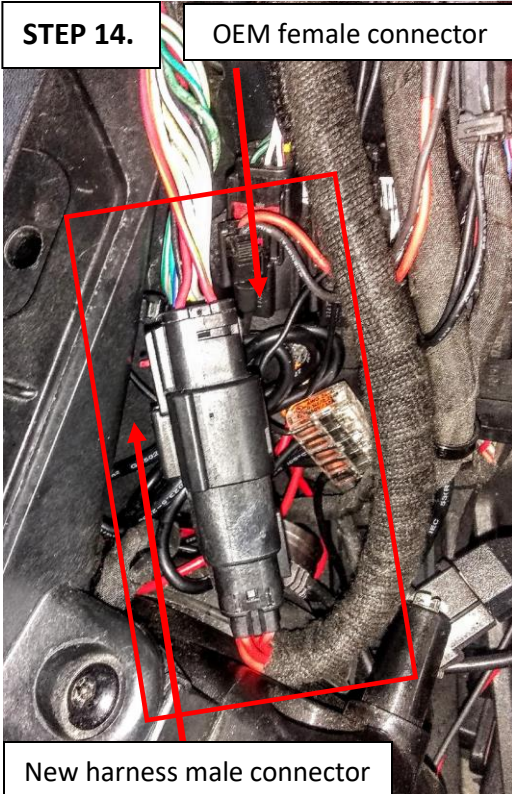
**(1)** Route the wire coming from the activation button along the back of the handlebar and secure with zip tie.

**(2)** Take the male 2-pin connector at the end of the wire and connect it to the female 2-pin connector from the hazard light activation harness.



**STEP 14.**

OEM female connector



New harness male connector

Now to complete the installation of the harness, locate the male connector from your new Hazard Light Harness and connect it to the female connector from the OEM harness.

Push the red safety latch until it secures both connectors.

**STEP 15.**



Before reinstalling the left hand fairings & upper fairing removed in STEP 1 and STEP 2, conduct a test of the main Hazard Light Harness and activation button functionality by pressing the red activating button once and releasing it.

Check to make sure that the front left, right, front & the back left, & right turn signals are flashing **simultaneously**.

Also, check your multifunctional gauge to ensure that both left & right turn signal are flashing simultaneously.

Press the red push button again one time to deactivate your hazard lights! All lights should turn off.

If test is successful, re-install the left hand fairing and upper fairing removed in STEP 1 and STEP 2.

If the hazard lights DO NOT activate or deactivate, go back to STEP 1 & go over the installation instructions.

**CONGRATULATIONS!** You now have a safety feature much needed on your RYKER....**HAZARD LIGHTS!!**

**\*\*AS WITH ANY ELECTRONIC ASSESSORY, IF THE HAZARD LIGHTS ARE ACTIVATED & LEFT ON FOR A LONG PERIOD OF TIME WHILE THE RYKER IS NOT RUNNING, YOU WILL DRAIN YOUR BATTERY\*\***