

INSTALLATION INSTRUCTIONS

Turn Signal Kit: IN-TSK-H-PIO1K-008

Fits: Honda Pioneer 2016-21

· Do Not Discard Packaging Until Product Has Been Successfully Installed ·



What You'll Be Doing

- ① First, you will be removing the seat(s).
- ① Remove the panel under the seat(s).
- ① Then starting from the center of the machine, first routing the wiring harness to the front to install the control box & horn.
- ① Then hooking up the signal lights.
- ① Next, you will route the rear half of the harness along the original harness, unplug and replug a few connections using the new harness.
- ① Mounting the signal lights and license plate light to complete the installation.

· Installation ·

1. First, remove the seat or seats if more than one, then remove the cover panel under the seat(s) to expose the areas you'll be routing the harness thru.
See **Fig.1 & 3**

2. Remove small panel up under dash to gain access to routing the harness.
See **Fig.2.**

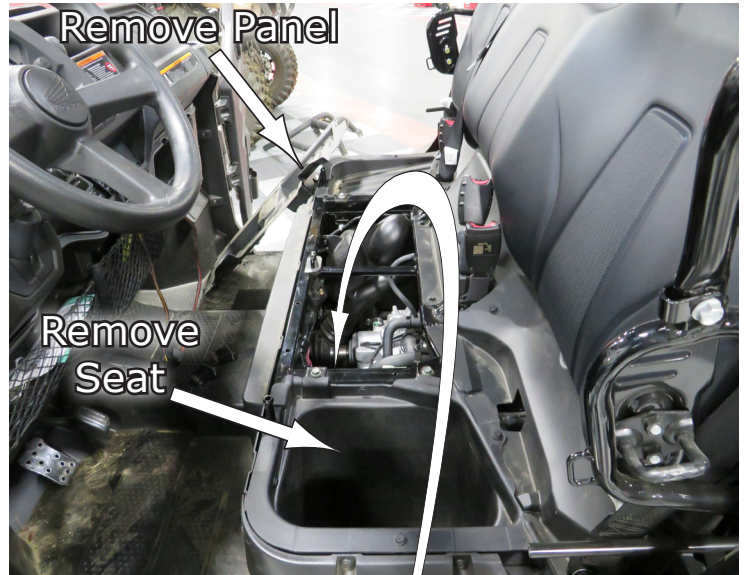


Fig.1

Remove This Small Panel Up Under Dash (Firewall) For Access



Fig.2

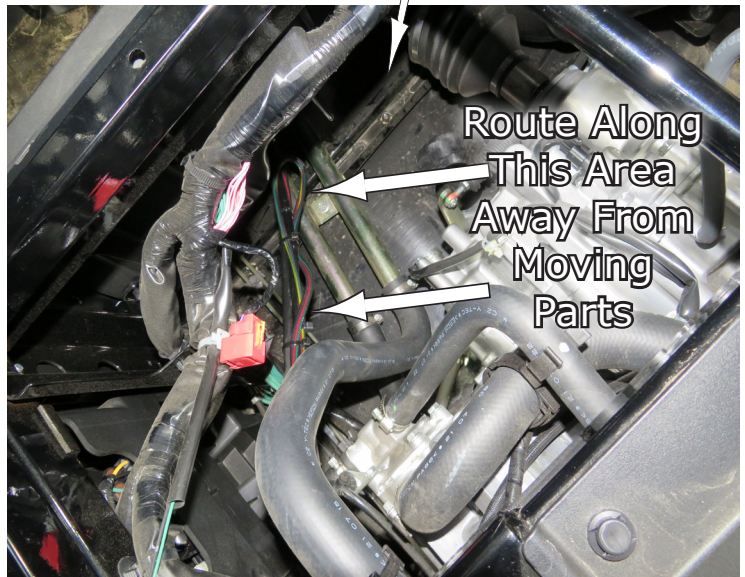


Fig.3

3. Next, from under the seat pan as shown in **Fig.2 & 3**, you will route the harness going towards the front of the vehicle, inside and thru the small channel which will exit out inside the front area of vehicle as shown in **Fig.4.**



4. After harness has been pulled out of channel as shown in Fig.4, now go around to front right wheel well and pull the harness up and thru the rubber flap so that it can exit up on top in front compartment. **See Fig.5.**

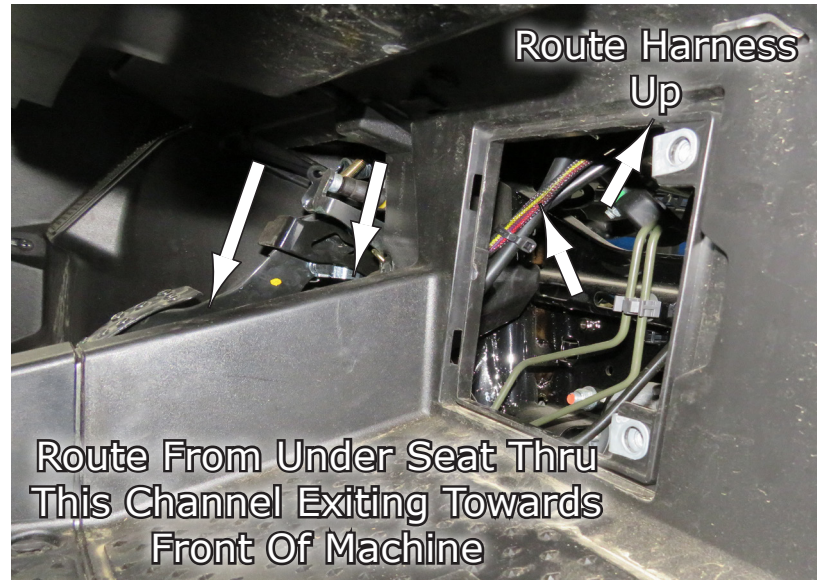


Fig.4

5. After harness has been pulled out of channel as shown in Fig.4, now go around to front right wheel well and pull the harness up and thru the rubber flap so that it can exit up on top in front compartment. **See Fig.5.**



Fig.5

6. After feeding the harness up under the flap, go round to the front of the machine (front compartment) up on top, and pull harness up and out as shown in Fig.6.

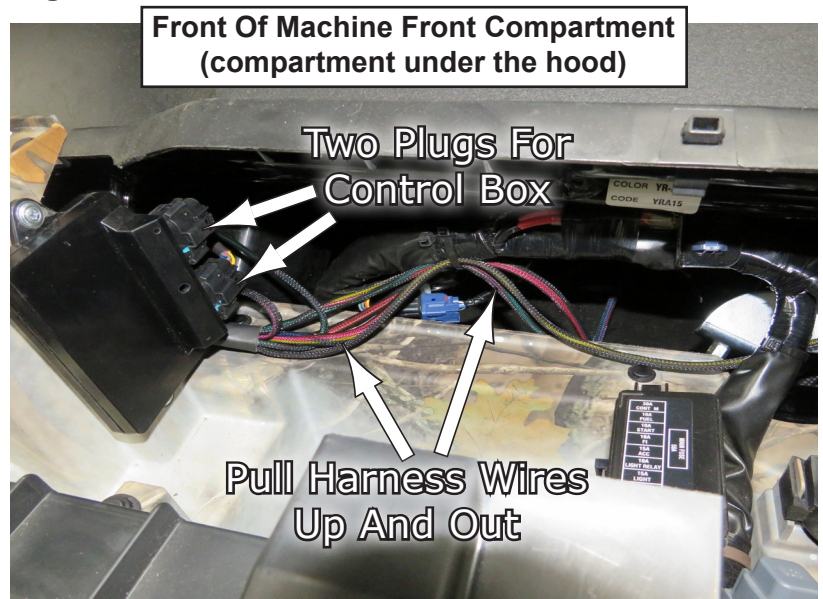


Fig.6

7. There are multiple sets of wire bundles that you pulled out. One "Red & Black" only set is for your Horn and the other Red & Black set is for the ECU power in the next steps, and the other wire clusters are for the control Box and the turn signal lights etc. **See Fig.6.**

8. Next, you will have a couple extra plugs going to the front of the machine for these years of vehicles. These are used to “Get” and ”Send” power from the “accessory” or “cigarette lighter” outlet behind the dash to run the Control Box (ECU).

Fig.7 shows the location to find that plug behind your dash. You will need a light.



Fig.7

9. **Fig.8** shows the connector you’re looking for, still plugged in from the factory. You will unplug this and replace both ends with new connectors from your new cable harness.



Fig.8

10. **Fig.9** shows the new connector ends you will use for the accessory outlet and where they will go.

First, unplug the stock connector (B) Then you will take one of the new connector ends (Red & Black wires) and plug into the one you just removed as shown in **Fig.9**.

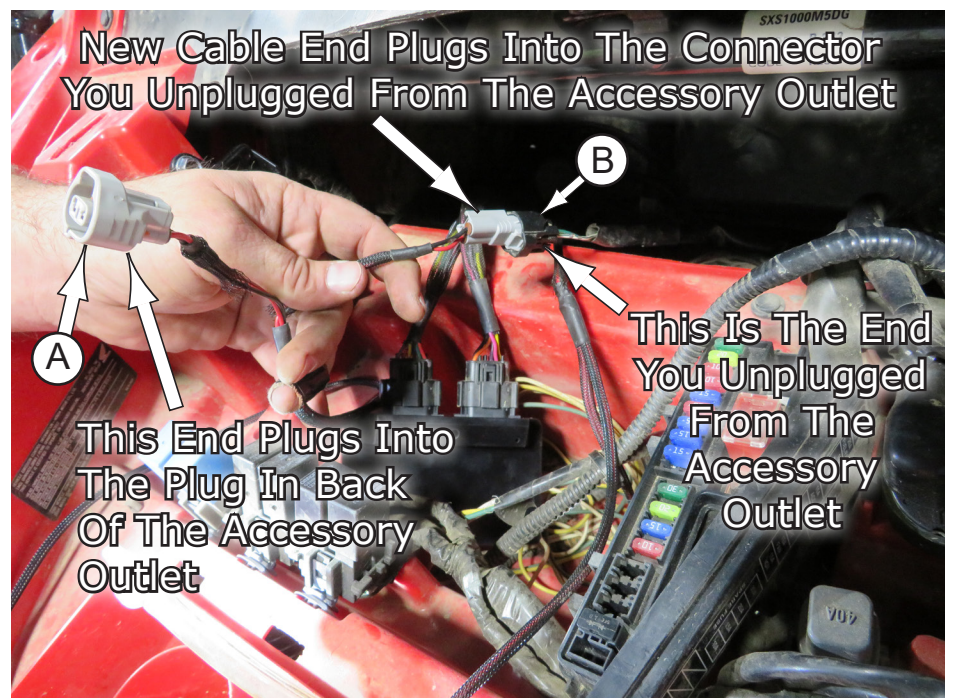


Fig.9

11. Then you will plug New connector (A) into the back of the accessory outlet. **Fig.10** shows that new plug back into the outlet.

12. After the Accessory plugs are installed, don't forget to plug in the two connectors to the Control Box. See **Fig.6** previously.

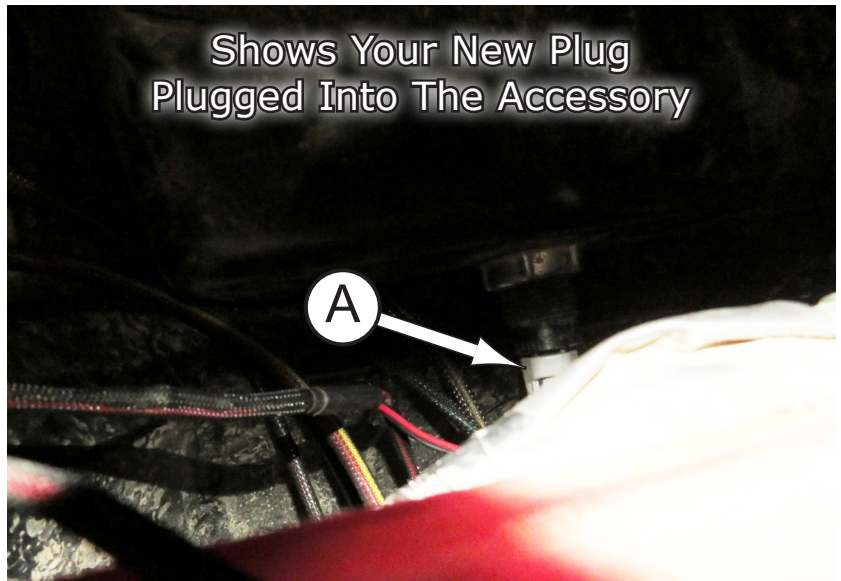


Fig.10

13. Now mount the Control Box to the wall using the two self tap screws provided in your kit, See **Fig.11**.

After box is mounted, then plug in the two harness plugs into the box. See **Fig.6** if you haven't already.

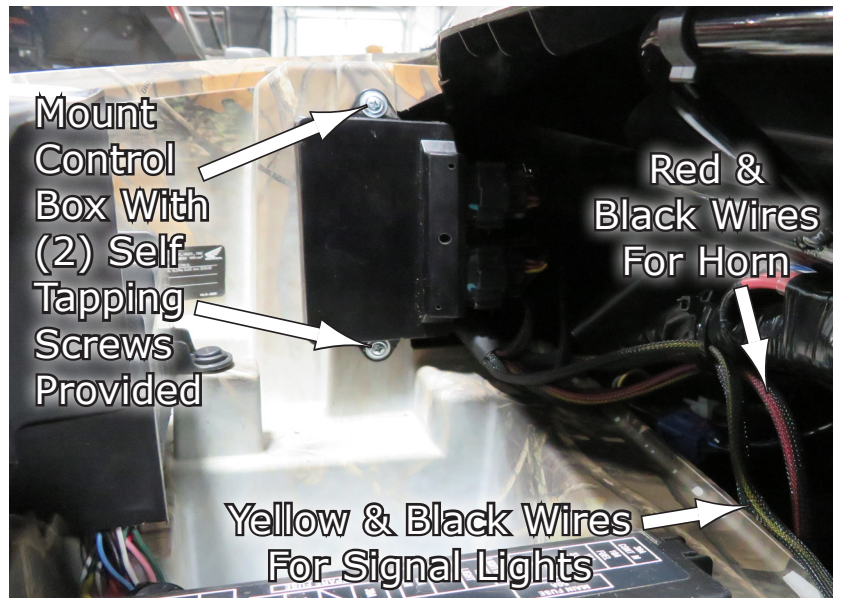


Fig.11



14. Next, mount the Horn in the location shown in **Fig.12** using the existing stock hardware bolt. This is right under the Front Right Wheel Well.



Fig.12

15. After you mount the Horn in place, now pull the Red & Black wire set thru above the shock area and to the Horn. Plug Red and Black wires to the horn as shown in **Fig.13**.

At this point you can install the Front and Side Turn Signal Lights on the Front Passenger Side in the location of your choosing. See the next step for more details on installing these two lights, but we will be showing installing the "Driver's" Side, instead of the Passenger Side. However, the process is the same.

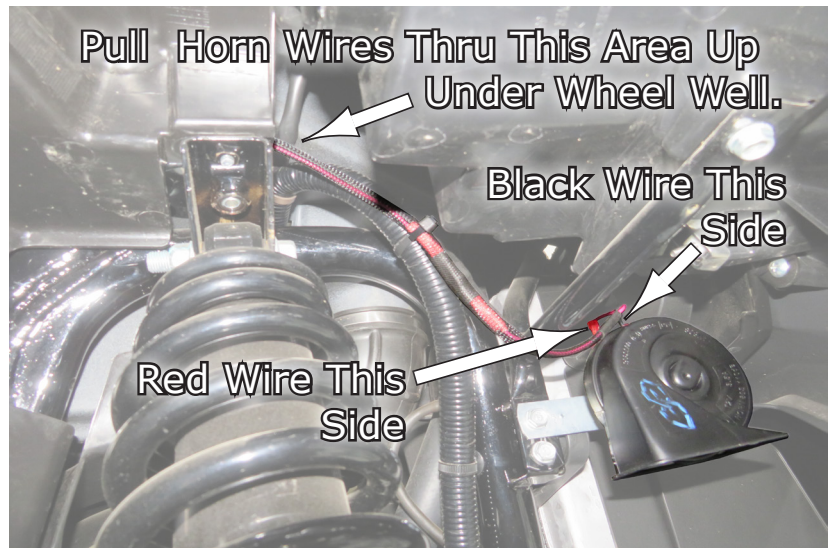


Fig.13

After you hook up the Horn, secure all wires with Zip-Ties.

Now you are ready to run the Turn Signal wire to the Driver's side.



Fig.14

16. From the top side from the top compartment, run the remaining Yellow and Black wire set to the Driver's side to install the light in your desired location. See **Fig.14**.

17. Route the wires over and down thru to the fender well where you will have access to drill and place your light. See **Fig.15**.



Fig.15

18. From viewing up under the Driver's side fender well, you can see here that we chose a place to drill and install our light. This location is a suggestion only. You can install the lights wherever you choose to put them. After installing the light, be sure to Zip-Tie the harness cable wires securely to avoid damage

There will be Two Lights per side to install. Only the front one shown in Fig.16. Fig.17 shows both Front and Side Turn Signals installed.

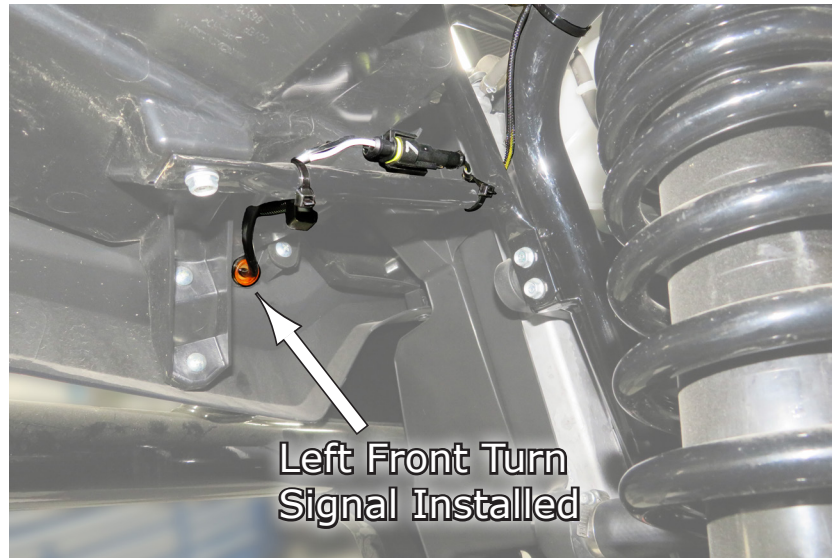


Fig.16



19. Fig.17 shows where we chose to put our lights for both Front and Side visibility. (Driver's Side shown)

Then run the Green/ Black harness set to the Passenger's Side and install the same as you did on the Driver's Side.

After both Left and Right side turn signal lights have been installed on the front, we will now run the harness wires to the back to finish our installation.

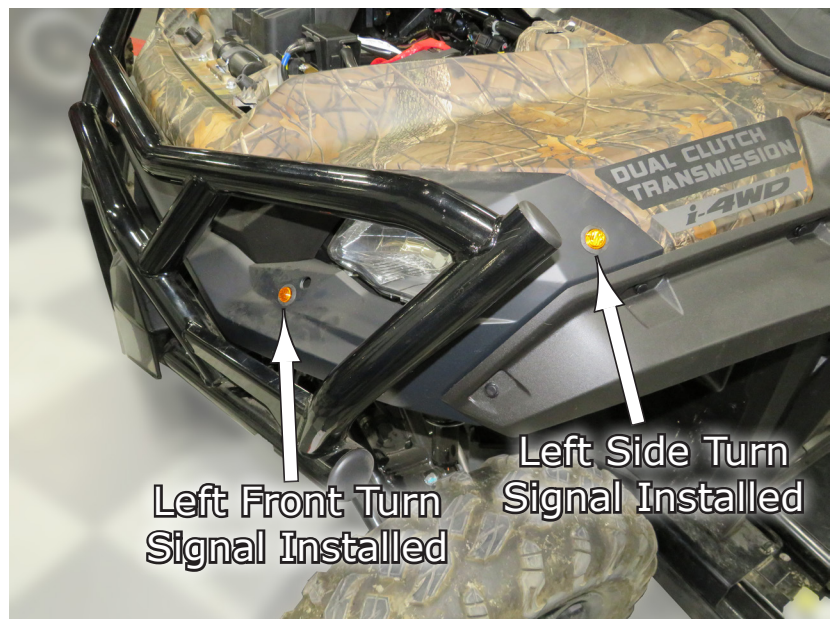


Fig.17

· Rear Signal Installation ·

20. From the center of the vehicle front seat where we started going towards the front, you now take the harness and will run it down the center underneath to the back and along the engine as shown in **Fig.18-19**.

NOTE: You will only be running the harness down the Driver's Side, as the Passenger's Side uses your stock wiring.

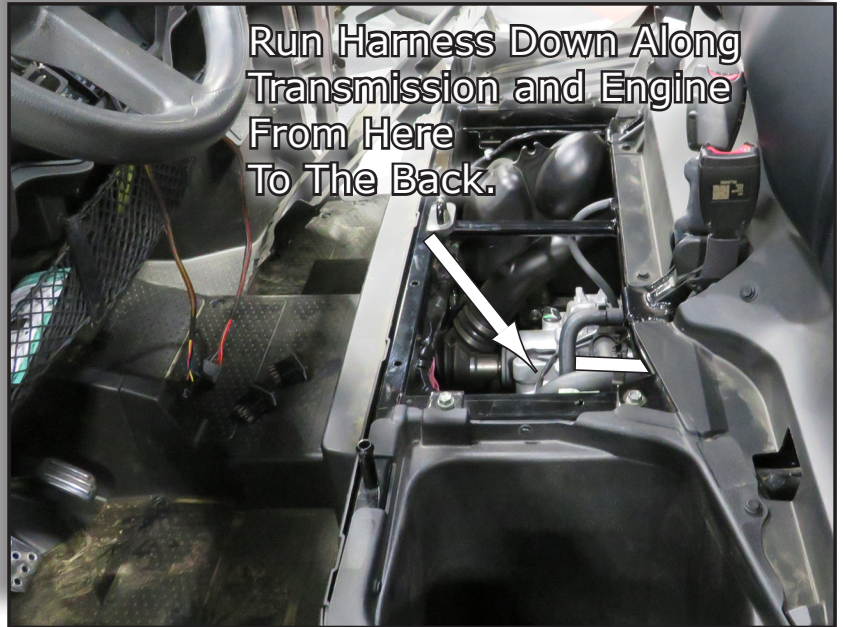


Fig.18



Fig.19

21. **Fig.20** shows the harness continuing to the back of the vehicle along the Driver's Side. Be sure to Zip-Tie the harness secure after installing and testing your lights.

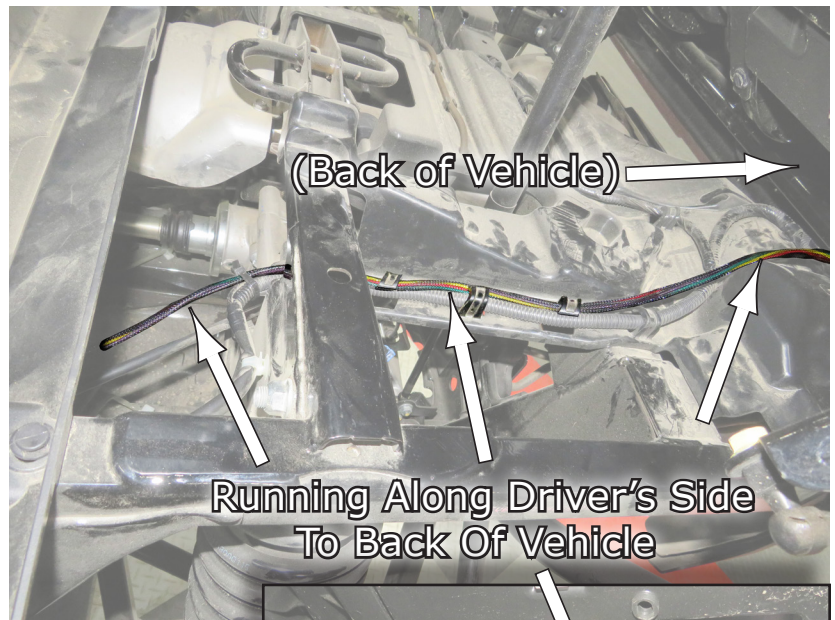
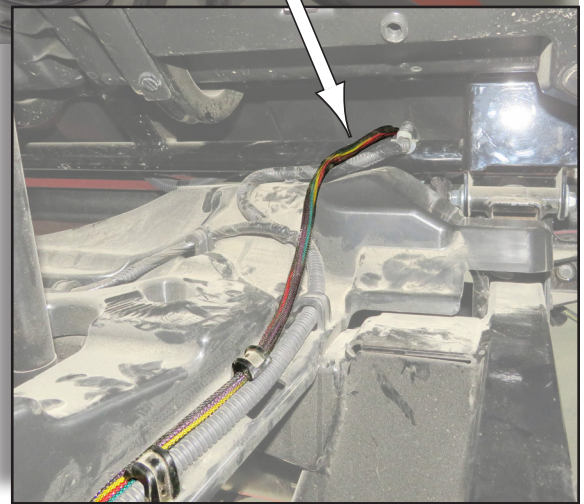


Fig.20

22. **Fig.20** also shows the harness exiting out the back side of the tailgate.

Fig.21 shows the other side of the gate with the harness coming thru showing the Stock and New Harness ends plugged together.



23. Next, you'll look up under the rear bumper area to find your stock lighting harness as shown in **Fig.21**. You will be unplugging that one and connecting the new harness connections to it.



Fig.21

24. After unplugging the stock connector, pull your new harness connections over that location and plug the new connectors, one to each end of the stock connector plug you separated. **Fig.22** shows your two new connectors from the harness that you will plug into the stock connector ends.



Fig.22

25. **Fig.23** shows your new Turn Signal harness connectors connected to your existing stock harness ends. Be sure to Zip-Tie them up securely after testing that the signals work properly.



Fig.23

26. After the plugs have been connected in the previous step, now route the Yellow & Black wire group to the Driver's side rear tail light. You will run it up from the bottom up into the light compartment area. **Fig.24** shows this routing. **Fig.24** also shows your **Blue Plug** Fuse connector.

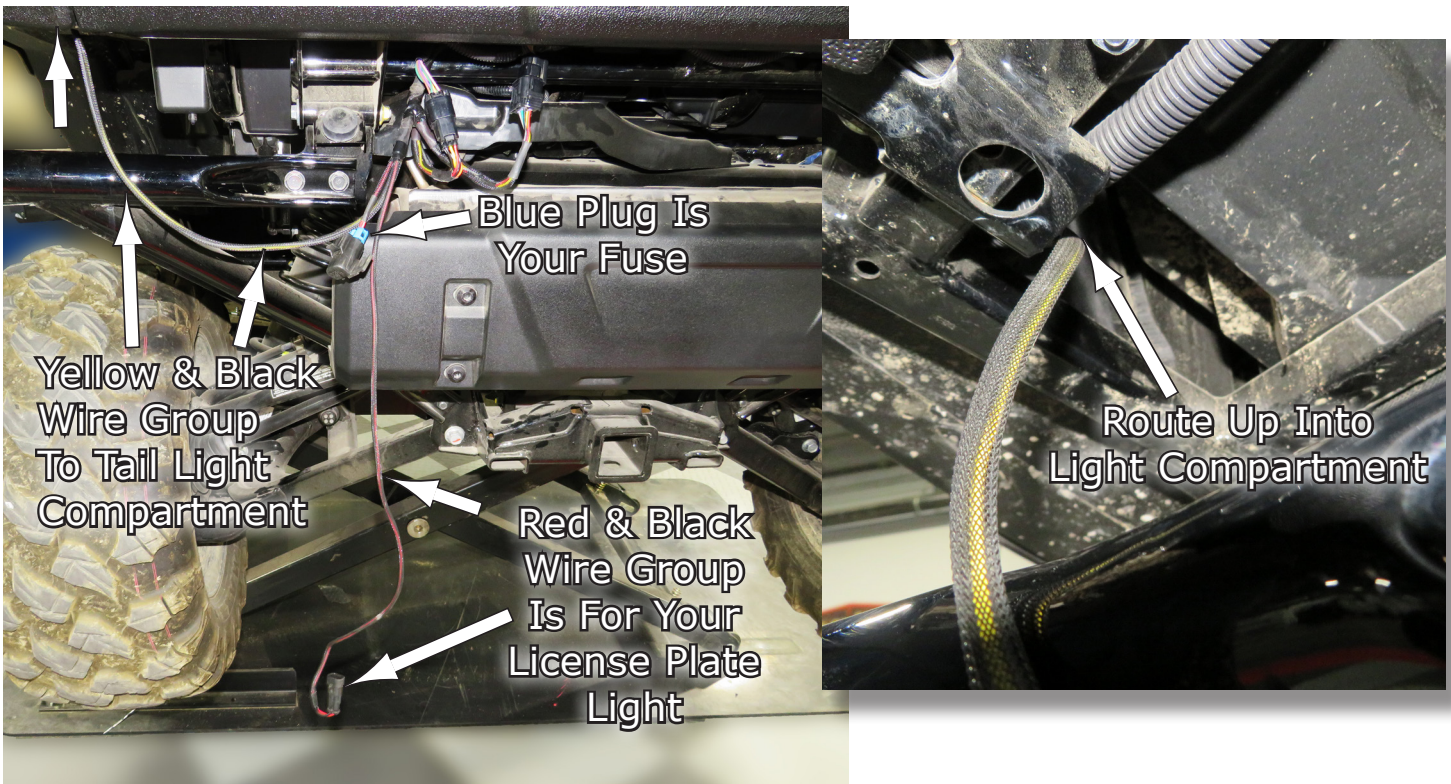


Fig.24

27. Now, from the top, remove the tail light panel (**Fig.25**) and Lense (**Fig.26**). Pull the light out and unplug the connector from the light. Now pull the new harness wires up and out and plug the new harness wires into the light shown in **Fig.27**.



Fig.25

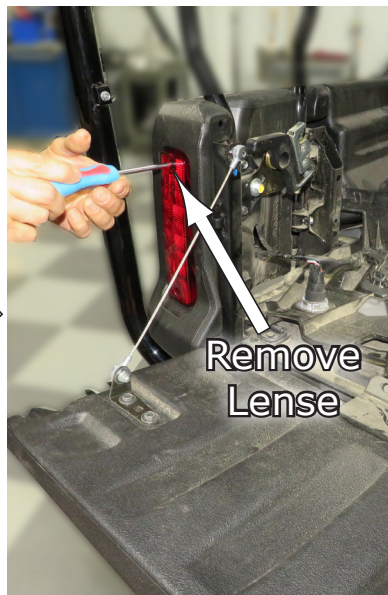


Fig.26

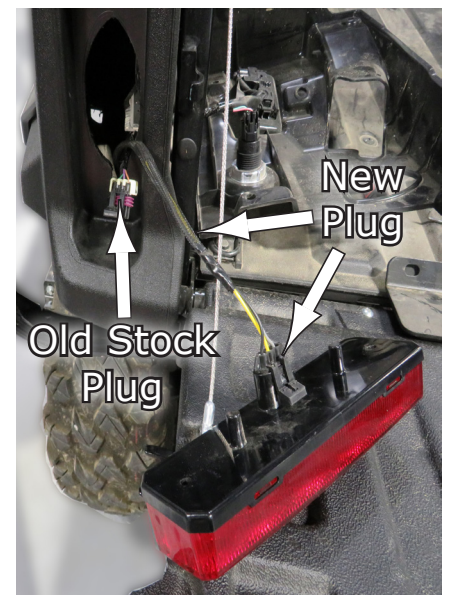


Fig.27

28. Be sure to Zip-Tie all wires up in a safe location after testing that lights work properly. See **Fig.28**.

Fig.28 also shows remaining plug available for your license plate light if desired, or other application.

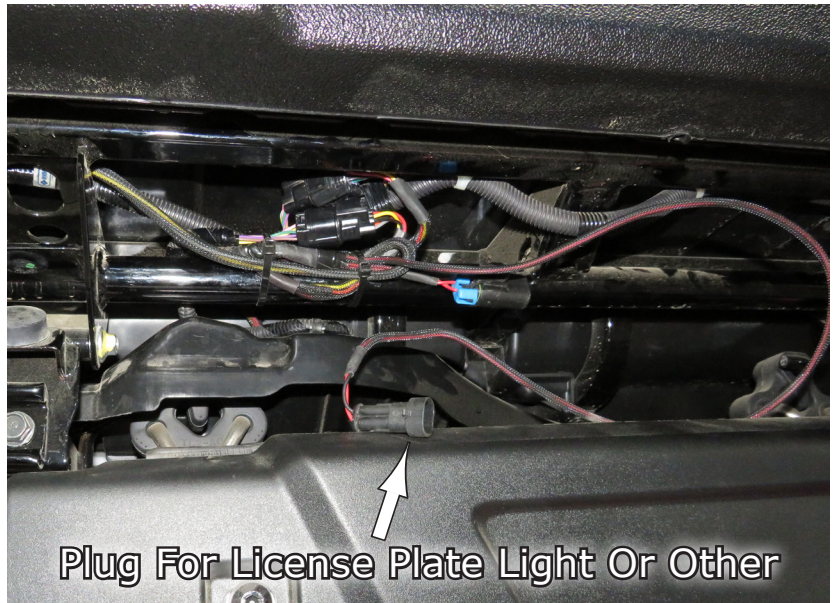


Fig.28

29. The last thing to do is install your new Turn Signal and Horn Switches. To do this you will need to route the two wire groups with the larger plug ends from the front compartment thru the dash area as shown in **Fig.29** exiting into the cabin area as shown in **Fig.30**.

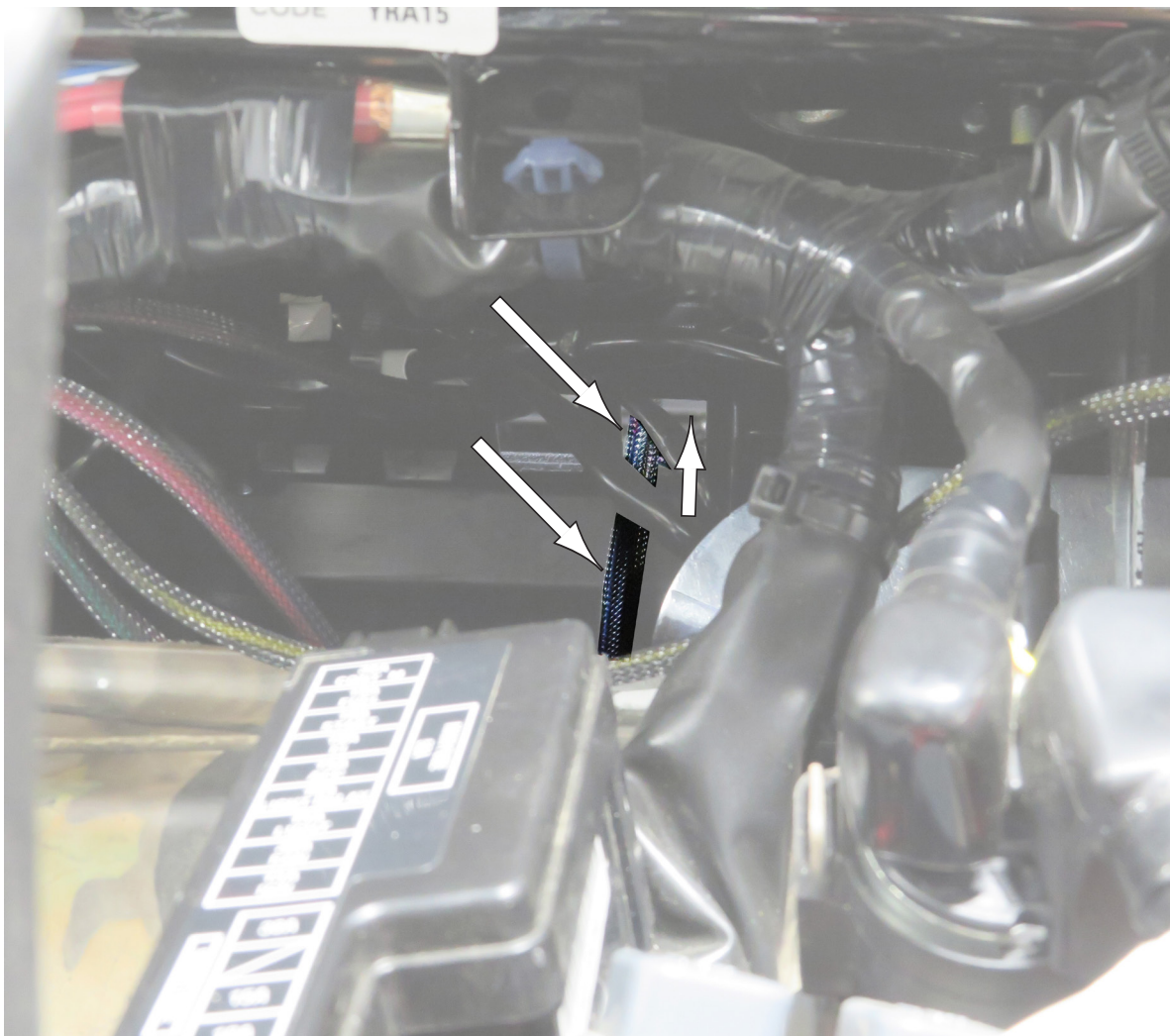


Fig.29

30. From inside the cabin, choose a location for your switches. We have chosen the existing dash panel using the knockouts used for any new switches. Yours can be installed anywhere you choose. Be sure to check cable length if routing to a different location other than what is shown here. in **Fig.30** and **31**.



Fig.30

31. **Fig.31** shows the switches placed in the knockout switch locations ready to use.



Fig.31



· **Additional Differences For 5 Seat Version Machines** ·

32. For 5 seater vehicles, there are a few differences getting the harness back to the rear of the vehicle as follows.



33. First you will need to remove the front Driver/Passenger's seats to route the harness thru and on to the back seat area as shown in **Fig.32**. Then remove the back seat as well.



Fig.32



Fig.33

34. After removing the seats, then remove the under seat panels accessing the transmission and under the vehicle etc.

When routing the harness under the front seat area to the back seat and underneath the back seat, stay along the Driver's side of the vehicle following any factory harnesses if possible. See **Fig.34**. The rest of the installation is as shown.



Fig.34



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