

INSTALLATION INSTRUCTIONS

Turn Signal Kit: TSK-CA-MAVR-007



1. The first thing you need to do is remove the Passenger's seat as shown in **Fig.1**, and then the console panel on the Driver's side. See next step.



Fig.1

2. Now remove the console panel on driver's side under dash. See **Fig.2**.



Fig.2



3. Next remove the top center console cover shown in **Fig.3a**, and then the cover panel behind the passenger's seat as shown in **Fig.3b**.

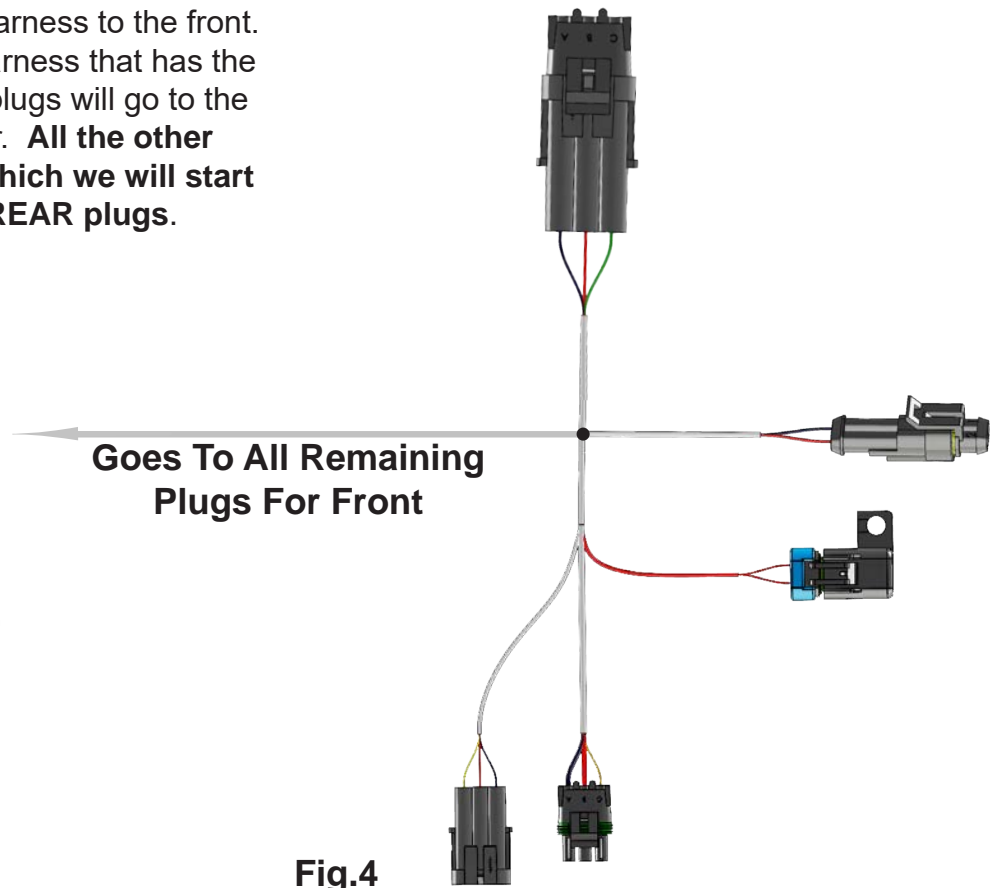


Fig.3a



Fig.3b

4. Now you'll start running the Harness to the front. But first, find the end of the harness that has the plugs shown in **Fig.4**. These plugs will go to the **Rear**, so group those together. **All the other plugs will go to the Front, which we will start with first.** See **Fig. 4** for the **REAR** plugs.



5. Find the remaining plugs **NOT shown in Fig.4** and group those together. Now starting from the center console area where you removed the panels, feed the **Front Harness Connectors** from the Harness along the inside, Driver's Side towards the front. Some will go thru the firewall and some will just route in and around the dash area. **Fig.5** shows them already installed and how we grouped them in smaller groups to feed to different directions.



NOTE: For **2025 4 Seater Models**, see next step for routing thru firewall. Slight difference.

Fig.5

Thru Firewall Routing Of Turn Signal Lights For 2025 4-Seater Models

5a. The difference is instead of routing as shown in Step-5 thru Grommet in Firewall, the **2025 4-Seater models** have a **Large Rubber Firewall Cover** held by three (3) **Push-Pins** that you can release and pull back the Cover for easy access to route the light cables thru to the front of the machine. Then you can route the lights to each side to install. All other steps in these instructions are the same. The **Rubber Cover** is located to the right of the accelerator pedal in front of the console as shown in **Fig.5a**. Then Find the three (3) **Push-Pin** retainers and unlock them, Two (2) at the Top and One (1) at the bottom as shown in **Fig.5b** as you will only need to pull back that side of the cover for access in the next steps. See **Fig.5a-b**. **Fig.5c** shows pulling the Cover back and routing the light harness thru the opening in front of it. **Fig.5d** shows looking in from the Driver's side wheel well towards the center Firewall and seeing the Harness coming thru next to the brake lines. Then separate the Left & Right light pairs from there and continue with the instructions.

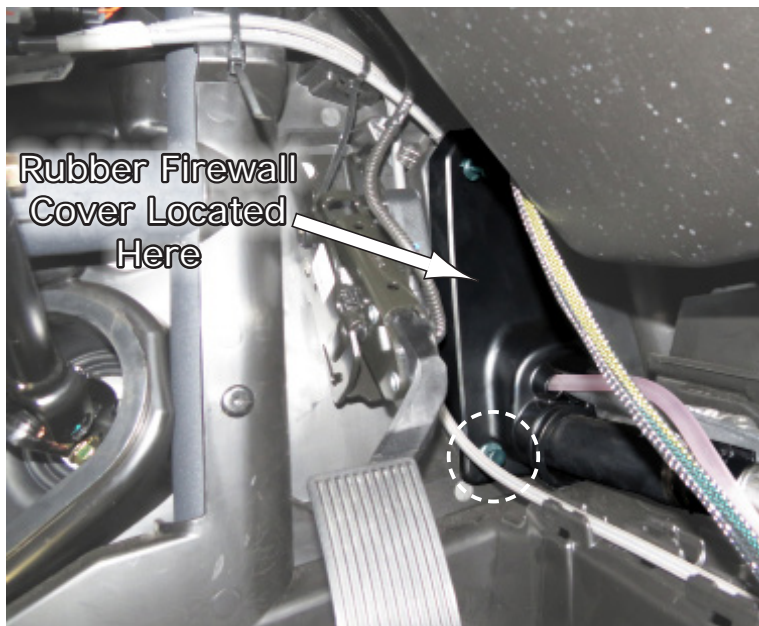


Fig.5a



Fig.5b



Fig.5c

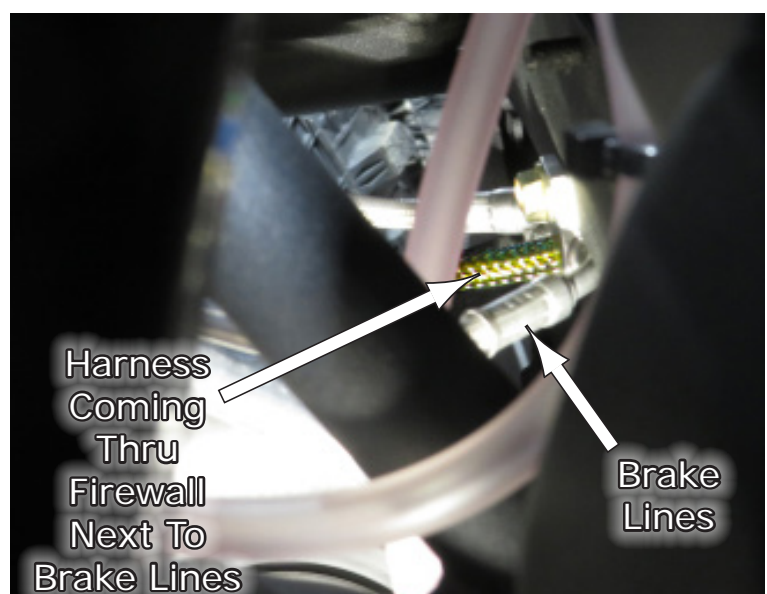


Fig.5d

6. The first thing we will install for the front is the **ECU Box**. You can mount this up under the dash in the center Passenger's Side in this general location by using the **No#8x3/4" Self-Tap Screws** provided in your kit. **Fig.6a** shows the ECU Box mounted viewing from the Driver's side looking thru the dash console. **Fig.6b** shows it mounted viewing from the Passenger's side.



Fig.6a

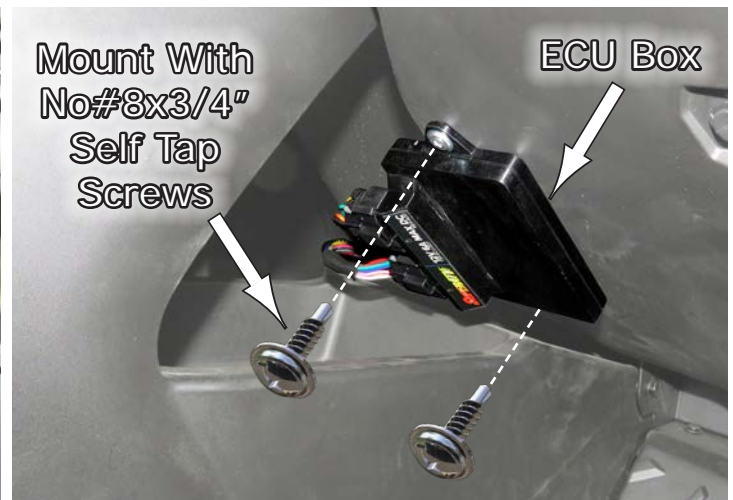


Fig.6b



7. After the **ECU** is mounted, then plug in the connectors to the unit. **Fig.7** shows which harness connector goes into **C1** and **C2**. You can verify which connector is which by the color of the wires as shown below in **Fig.7**. **Fig.6b** shows them plugged in.

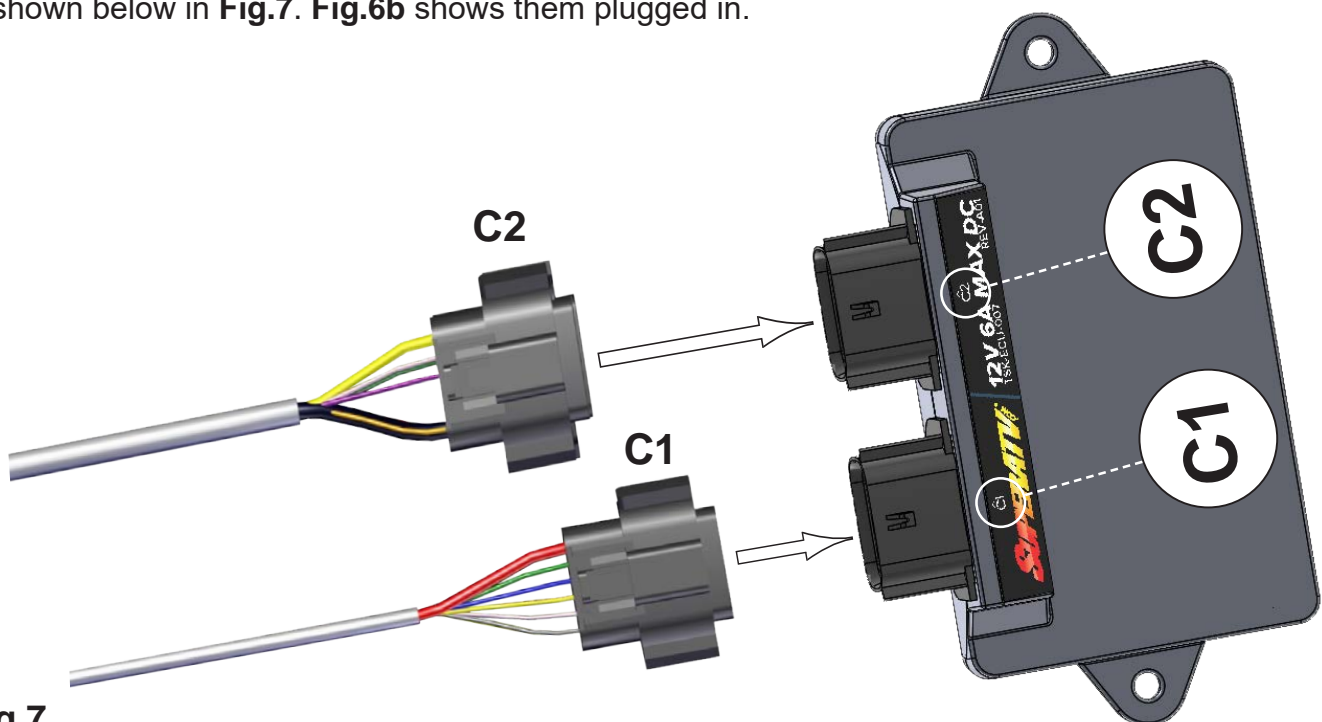


Fig.7

8. Now let's route the harness cables that are for the **Horn** and the **Turn Signal Lights**. The horn cable has **Red & Black** wires and has Spade Terminal Ends on them. The Turn Signal cables have a **Yellow & Black** pair and a **Green & Black** pair. You will route these thru the fire wall by the accelerator as shown in **Fig.8a** below. **Fig.8b** shows them coming out on the other side and routing upwards to where you can route them to the correct locations.

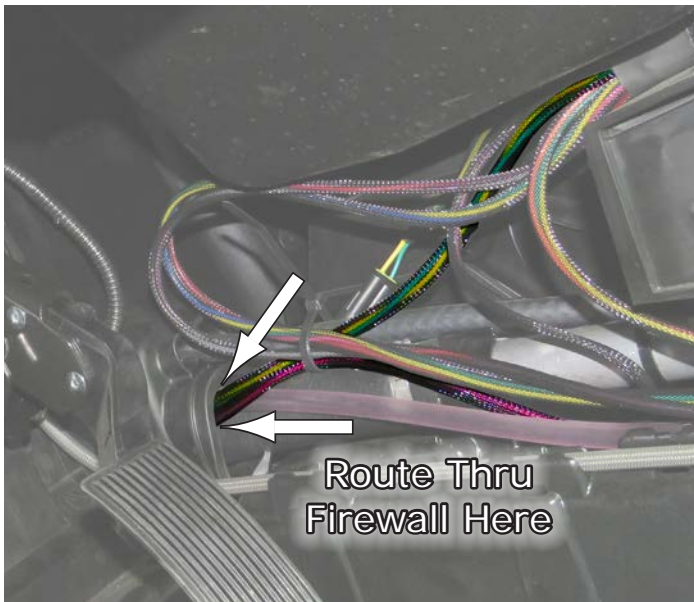


Fig.8a



Fig.8b

9. Once you have those cables pulled up to where you can handle them up on the top side, you'll first need to install the **Horn** onto the firewall area. You will do this by removing a **Factory Nut** on the firewall, installing the **Horn Mounting Bracket** from your kit using that same factory nut. Then, attaching the **Horn** to the bracket using the **M6 Nylock Nut** provided in your kit to attach the **Horn** to the **Mounting Bracket**. **Fig.9a** shows the **Factory Nut** to remove, the **Horn Mounting Bracket** and the **Factory Nut** attaching the Bracket to the firewall.

Next, you will attach the **Horn** to the **Mounting Bracket** using the **M6 Nylock Nut** provided in your kit and secure. Then slide the **Positive (red)** and **Negative (black)** wire terminal ends from your harness onto the **Horn** as shown in **Fig.9b**.

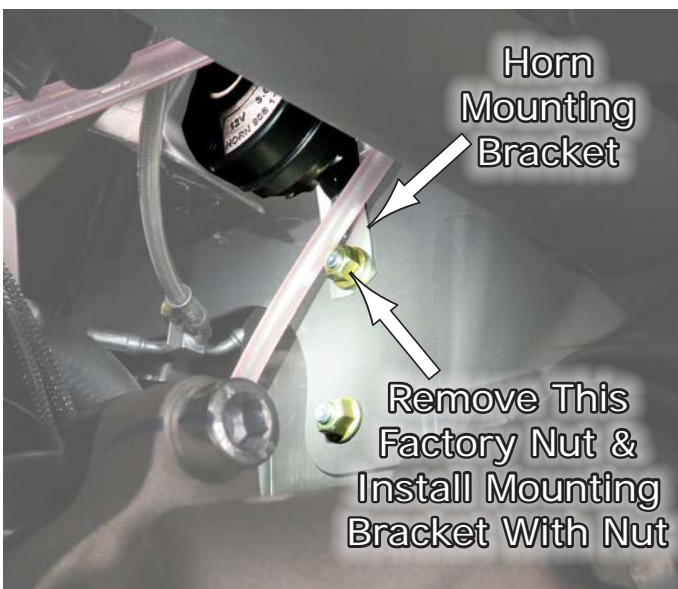


Fig.9a

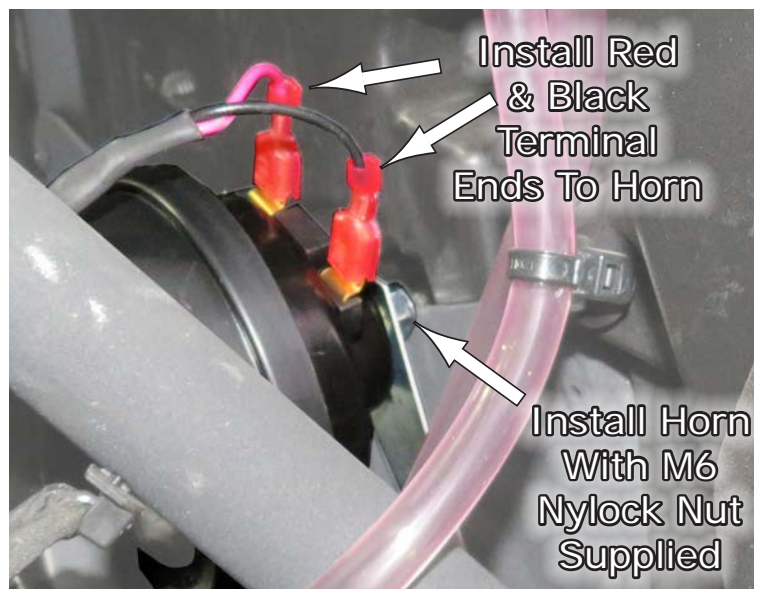


Fig.9b

10. After the Horn is installed, now we will route the **Left turn Signal Harness (Yellow & Black Wires)** to the front left side. **Fig.10a** shows how the harness routes from the middle area where you pulled the cables up thru and routing over to the left side. There are two (2) lights per side, so two (2) Yellow & Black wire sets for the left side, and two (2) Green & Black wire sets for the Right side. **Fig.10b** shows the left signal lights mounted, **Fig.10c** shows the lower left light installed and **Fig.10d** both viewed from the outside.



Fig.10a



Fig.10b

You Will Need To Drill Holes To Install The LED's

NOTE: Before drilling any holes, check behind area to be drilled for any interference.

When Drilling LED Locations:

- Drill a **3/4" Ø** hole in body and install LED Signal. Repeat for remaining Signals.
- Plug LED Signals into corresponding inputs on Front Harness.
- Secure all Wires as needed.

If Light is hard to insert separate as shown.

- Separate LED from Gasket.
- Install Gasket into hole.
- Install LED into Gasket.

Connect LED plug to Harness Connector

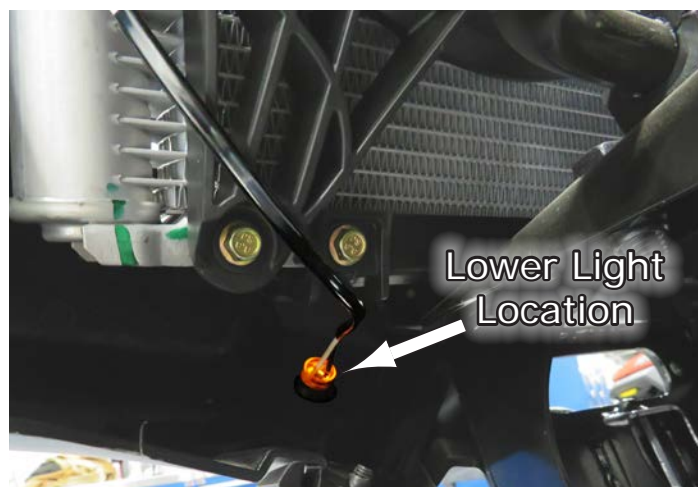


Fig.10c



Fig.10d

11. Now route the **Green & Black** wire harness sets to the right or passenger's side and install those the same as you did for the driver's side. **Fig.11a** shows those pairs routed to the right side, and **Fig.11b** shows them installed.

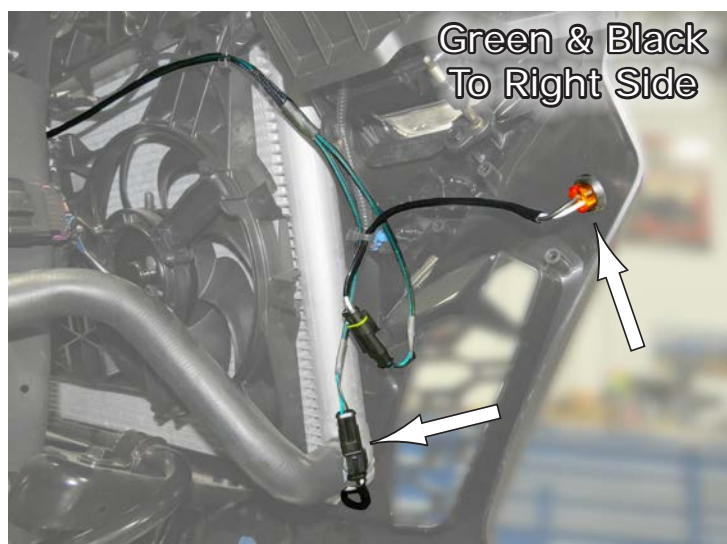


Fig.11a



Fig.11b

12. Next is to install the **Signal** and **Horn Switches**. These will go in the center dash just in front of the gear shift. Remove or cut out the spaces available so that the switches can be pressed into place. **Fig.12a** shows them cut out and switches hooked up to the harness connectors. Also shows which switch goes with which harness connector by viewing the connector wire colors. **Fig.12b** shows a side view of routing the cables for these switches and connected to the switches in place.

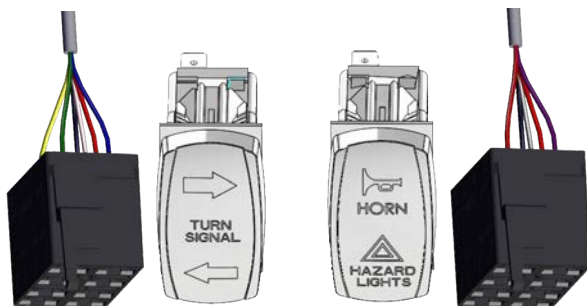


Fig.12a

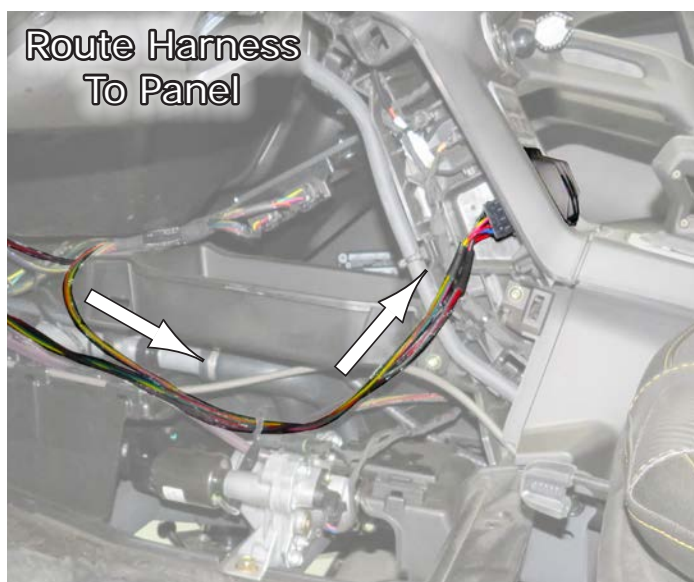


Fig.12b

NOTE: Disconnect battery or remove gage pod fuse before removing gage pod harness. The Guage Pod Harness is also an optional harness should your model require it.

13. Next, you will need to **Remove the Guage Cluster Display**, See **Fig.13a**, from the steering column to gain access to the connectors in the back as you will need to do a small modification using one of the **New Harness** wires next. Then **Disconnect the Factory Harness Connector** as shown in **Fig.13b**, then where the wires enter the connector plug you will remove the little plastic **White Pins** in **Pin Slots "7" & "17"** as shown in **Fig.13b-d**.



Fig.13a



Fig.13b

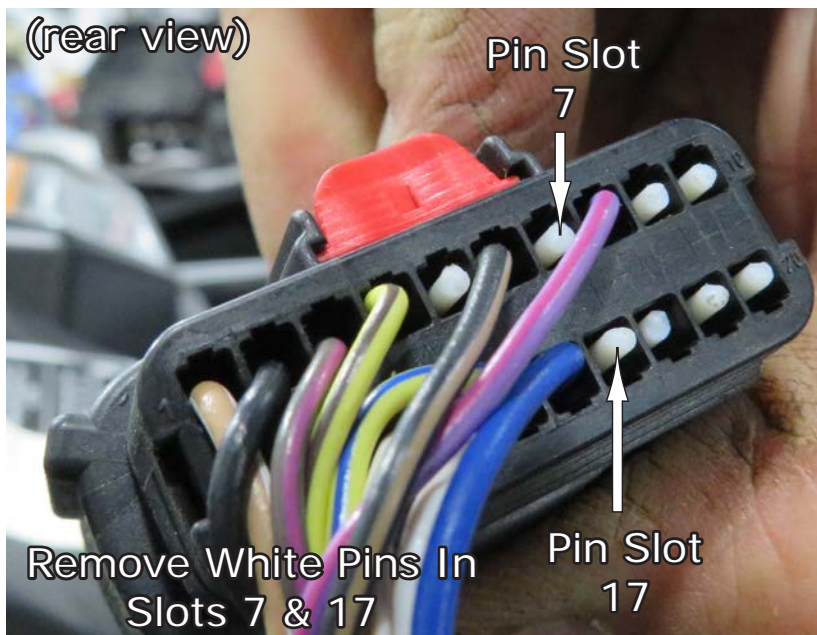


Fig.13c

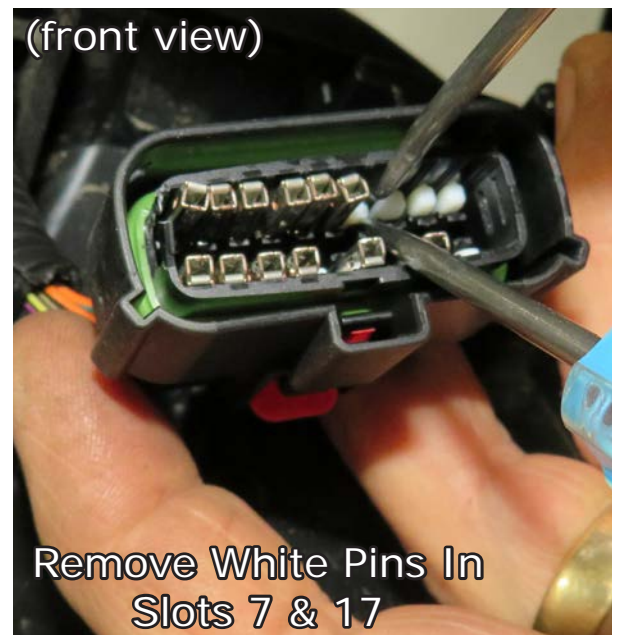
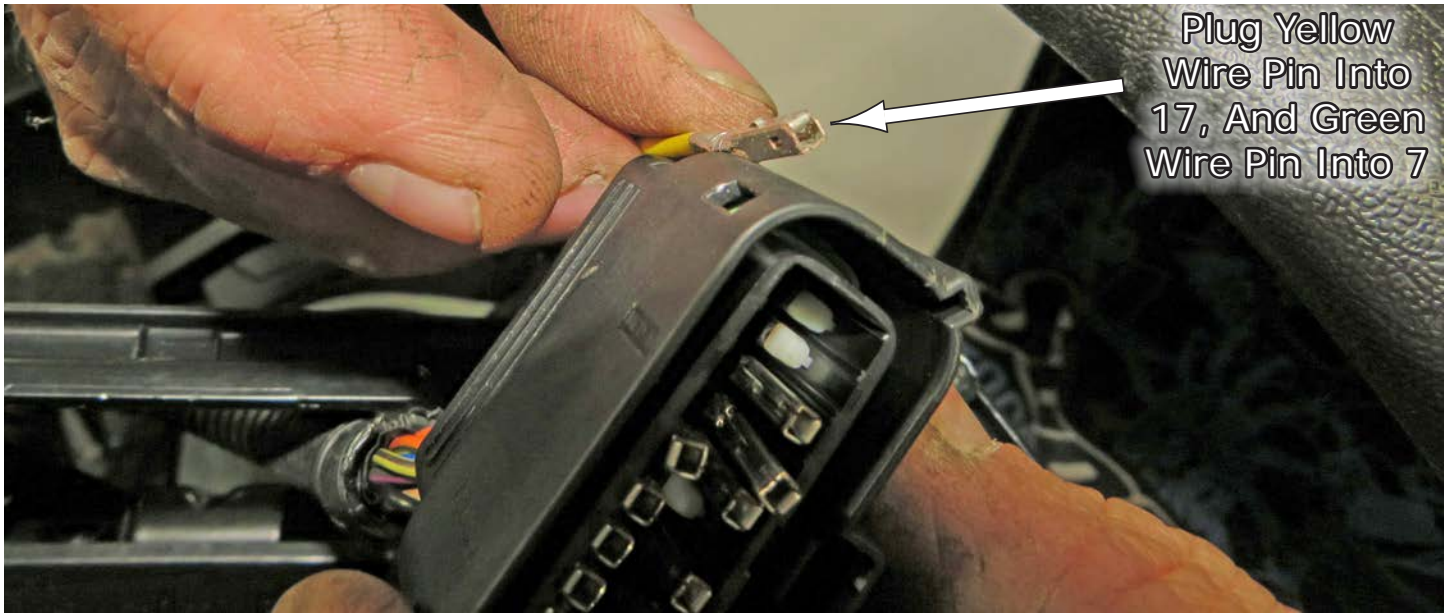


Fig.13d

14. Then **Plug Yellow Wire** on Harness into **Pin 17**, and **Plug Green Wire** on Harness into **Pin 7** as shown in **Fig.14a**. Then reinstall Gauge Cluster Display. See **Fig.14b**.



Plug Yellow
Wire Pin Into
17, And Green
Wire Pin Into 7

Fig.14a

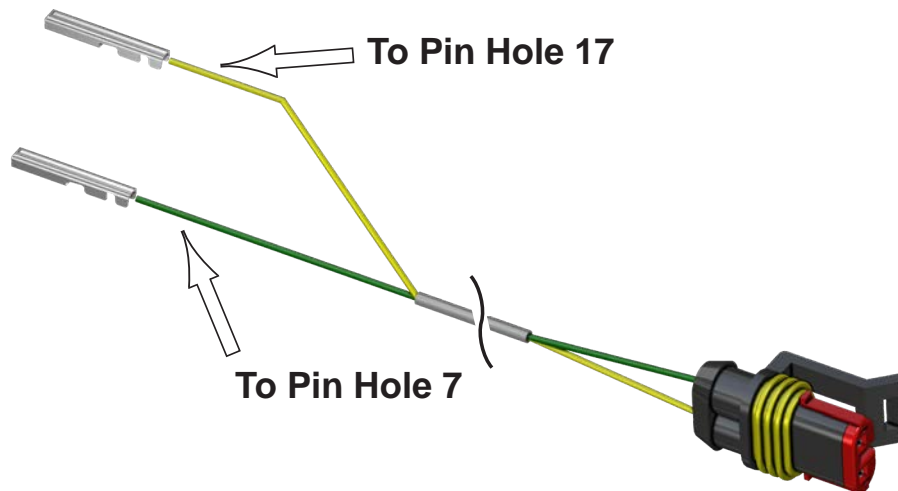


Fig.14b

15.After the switches are installed, you can now route the Harness cables to the back. These are the ones you grouped together in Step 4 on page 3, **Fig.15a**. Start to route them along the center console area that you removed on the Passenger's side thru to the back as shown in **Fig.15b**.

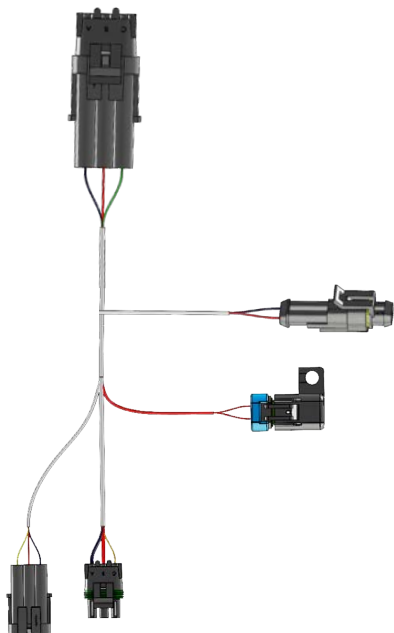


Fig.15a



Fig.15b

16.When the Harness comes thru in the back, it will split running to the Left and to the Right going up along the back of the seats area in the engine compartment. Starting on the **Driver's Side** in the back, there is a factory connector cluster where you will remove the **Center Factory Plug** as shown in **Fig.16a**. Then you will plug in the new Red-Orange-Black Harness Connector back into that same place where you removed the factory plug from. See **Fig.16b**.



Fig.16a

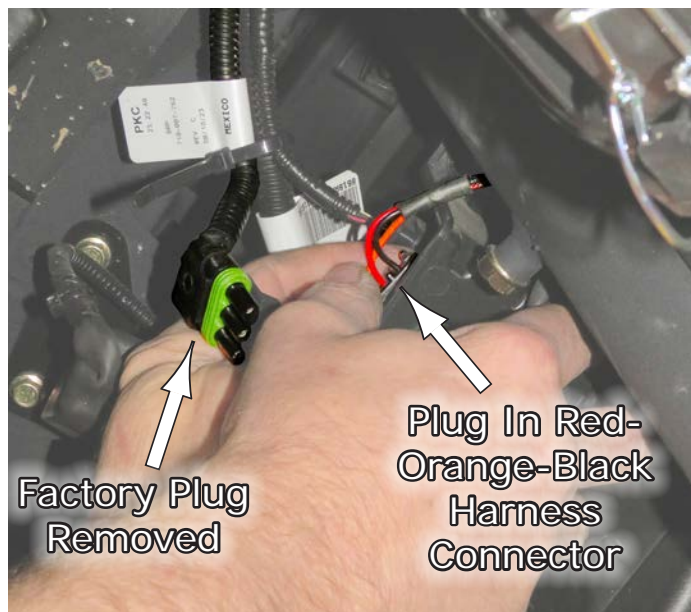


Fig.16b

17. Now take the Factory connector that you first unplugged and plug it into the other new Harness connector in that group as shown in **Fig.17**.

18. Next, find the smaller longer harness cable connector that is a two (2) prong and this one will run all the way to the back. This is a power line for your license plate light or other use you choose. **Fig.18a** shows running it on back along the Driver's side to the rear grill area. **Fig.18b** shows it hanging out the back and can be mounted up underneath or other area if needed.



Fig.17

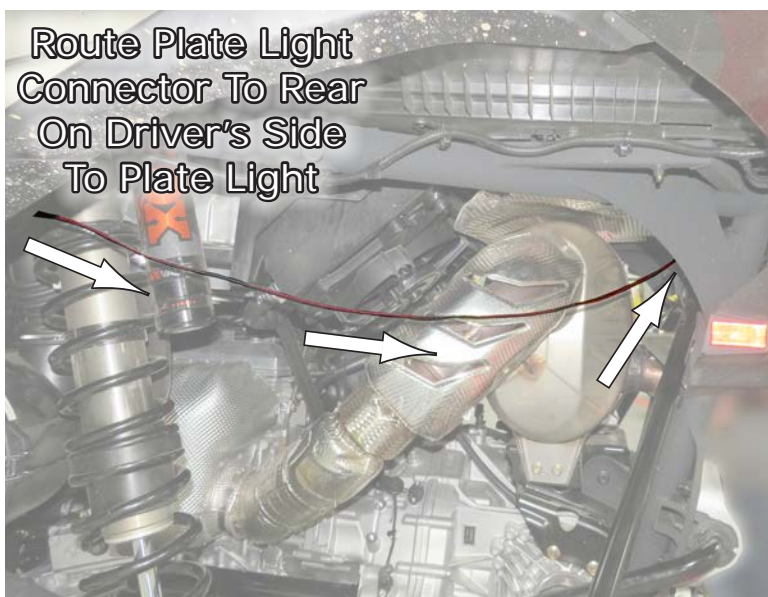


Fig.18a



Fig.18b

19. Now you are ready to hook up the Passenger's side connectors. So move to the rear wheel well area on the passenger's side facing the back of the seat. From there pull the remaining harness connectors from the center where you pushed them thru over to the side as shown in **Fig.19**. In the next steps you will be unplugging another factory connector and connecting the new harness to it.



Fig.19

20. Next find the right side connector cluster right by the box with the two (2) plugs with Yellow wires, **Fig.20a**. Now unplug the connector pointed out in **Fig.20a**. Then plug it into the new harness connector you brought over to the right side as shown in **Fig.20b**. Zip-Tie all cables securely.

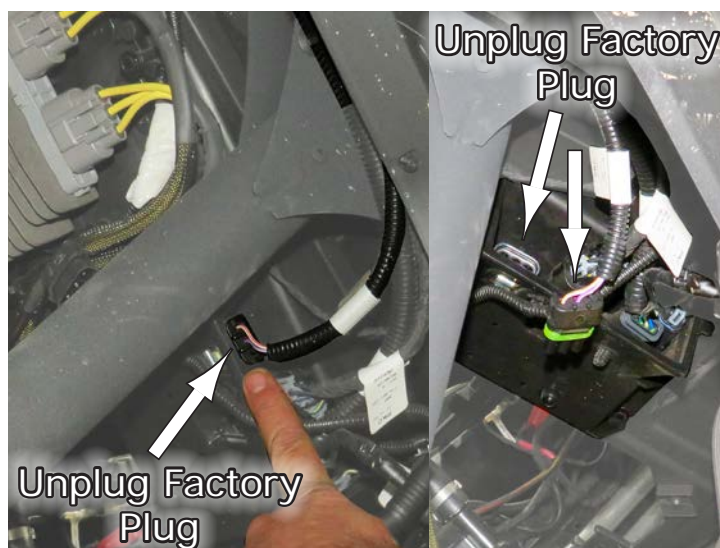


Fig.20a



Fig.20b

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