


## Integrated Street Legal Kit with Replacement Fang Lights for RZR

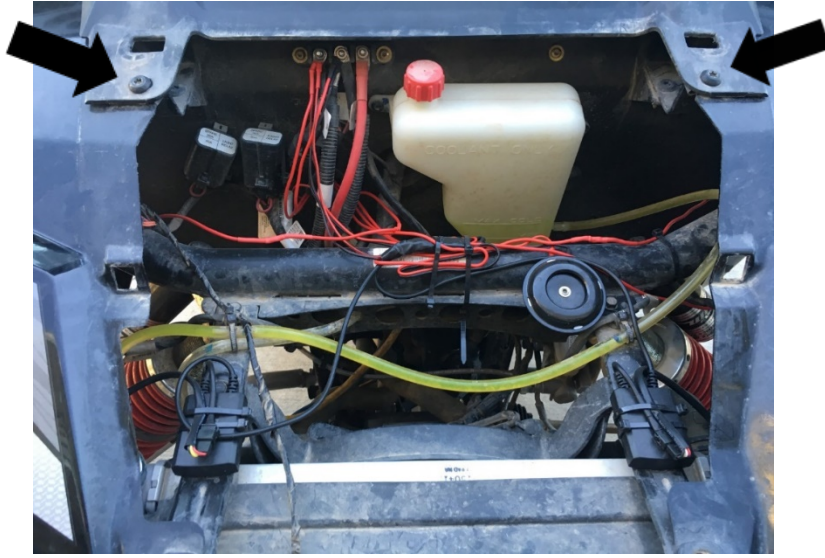
### Parts Contents

<p>Long cable with set of 3 wires</p> 	<p>Main Control Module</p> 	<p>Snail Horn and wiring harness and switch</p> 
<p>Zip Ties for cable management</p> 	<p>Column-Mounted Turn Signal Switch</p> 	<p>Replacement Fang Lights</p> 
<p>Blue dash indicators w/ harness &amp; Wiring for indicator light integration</p> 	<p>License Plate Kit and wiring harness</p> 	<p>In-line adapter plug for Rear Taillights and Center Rear Tail Light</p> 

Step 1.  
**Remove Hood and Dash**

Remove the Hood and Dash off your RZR.

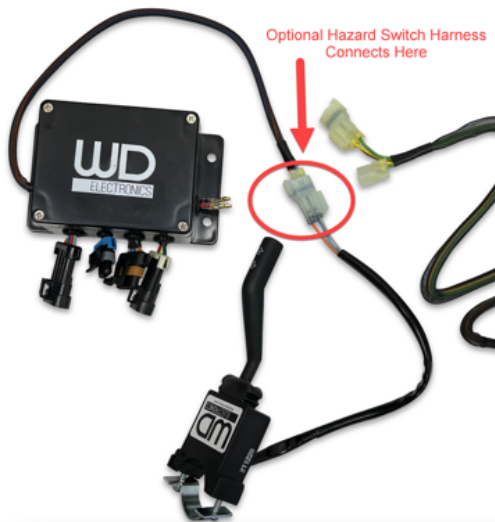
(The dash comes off after the Hood using two T-40 Torx screws on the RZR)



Step 2.  
**Attach the column-mounted turn signal lever**

First, attach the column-mounted turn signal lever/ blinker switch to the steering column then run wires up under the dash into the compartment behind the dash by running them through the large grommet.

**NOTE: Do not over-tighten the screws.** You are threading into a very durable plastic on our column-mounted switch, but it is plastic nonetheless and can be stripped. There will be about a ¼ of an inch gap between the metal bracket and the plastic. This is normal and holds as intended.



If you bought the optional Hazard, you will plug this in line with the turn signal switch wiring harness. Unplug the white connection and insert Hazard white plugs.

Step 3.  
**WD Main Control Box**

Attach the WD Main Control Box module in a secure spot with zip ties under the dash. We suggest putting it right behind the steering wheel, behind the dash for all the wiring harnesses to reach properly.

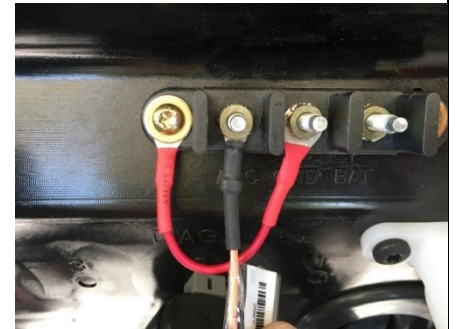
\*\*If you place it somewhere else, the wires for the turn signal and dash indicators may not reach.



**Hold off on connecting the power until the kit is completely installed and everything is wired and attached.**

The red and black wires that come out the side of the Control Box Module will need to be attached to a **ground and power wire** but wait to do so.

Run the Red and Black wire through your firewall, back up to the factory bus bar, and **attach to the ACC and GND (ground) Terminals** or the **PULSE** power bar if your machine is equipped.



Eyelet Power Plug on some machines:



Pulse Bar and Pulse Bar Power Plug:



Step 4.  
**Install the Fang Lights**

1. Remove the front grill and remove the existing fang lights or colored accent panels. You will not use them. Re-use the existing factory push-on nuts (10mm wrench) and tuck the existing factory harness out of the way.
2. Run the Included wiring harness that has a 2-pin plug and a bullet connector on two ends (The smaller of the two set of wires with Brown, green, yellow wires together) One end connects to the main control box, and the other two ends go to the fang lights and attach to the yellow wire on each side. One is labeled drivers side and the other un-labeled side goes to the passenger's side.



**Step 5. Connect Rear Taillights**  
The rear of the machine needs to tap into the existing factory rear taillights using the included splicing harness. To do this, first, unplug the factory connector plug from the driver's side located under the cargo area.

Insert the included WD adapter plug in line with the existing connector. (Please note that different kits will have different adapter plugs. If yours doesn't fit, please email [support@wdelectronics.com](mailto:support@wdelectronics.com) with a photo of your factory harness and the one provided). The single wires with the female end of bullet connectors will attach to the wires you will run next. The white part of this plug, with the 2-pin white plug attached, will be used later to provide power to the license plate.



**IF YOU HAVE A CENTER REAR TAIL-LIGHT on your RZR proceed to step 5a. If not, skip to Step 6.**

**Step 5a. (Only if you have a Center Rear Taillight)**

Remove the rear plastics to expose the plug behind the center rear taillight. You will route the wires you just ran in Step 5 to this rear plug, then Plug in the WD Center taillight plug in line with the existing plug.



Step 6.  
**Run the long wires from the front to back of the machine:**

Now you will run the rear blinker lights to the rear of the machine using the long set of wires with the 3 bullet connectors shown here.



The easiest way to route these long wires from the front to the back is to run them down the tunnel wires.



Connect the 3-pin plug to the Main Control Box module under the dash, and the bullet connectors on the opposite end will connect to the 2 female and 1 male connector on the rear taillight plug in the back. This wire will attach to the connectors as shown below:

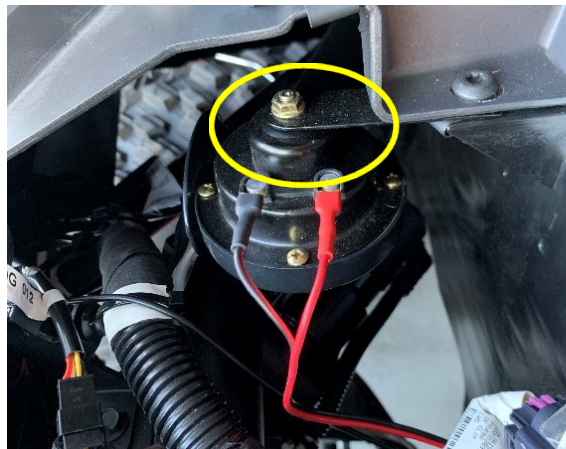
**Test your Blinkers now!! (Make sure power is connected)**

**NOTE:** When you test the blinkers, if they blink on the wrong sides, simply swap the FEMALE bullet connector wires you just ran.

**One wire controls the driver-side rear blinker, and one controls the passenger-side rear blinker. The MALE Bullet connector does not need to be changed (There is only one place it will connect anyway).**

Step 7.  
**Install Horn**

Install horn on an existing bolt under the hood. Remove the bolt from the frame and re-insert it through the horn bracket.



Step 8.  
**Install  
Horn  
Rocker  
Switch in  
the dash**

Remove or cut one of the rocker switch blanks from the dash in your desired spot for the horn button. Install the button by removing the harness from the back of the switch, then pressing the switch into the blank until it locks in place, and then reconnecting the rear harness back onto the backside of the switch.



Step 9.

Run the other side of the Horn harness back to the Main Control Box and attach it to the only connector that it fits in.

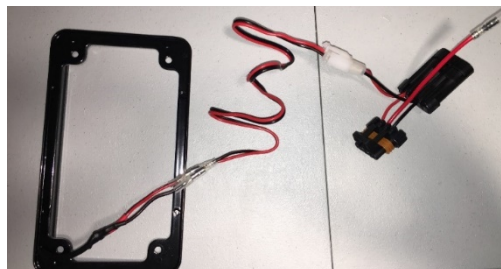
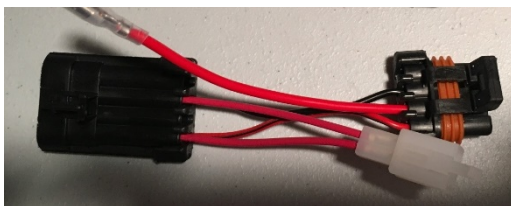
Step 10.  
**Install  
License  
Plate**

Install the license plate bracket directly to the rear of the machine OR use the included aluminum bracket to hang it (both methods are shown).

You will need to drill a 3/8" hole in the top of the plastic bumper to mount the bolt. You can be creative with this as you can mount it anywhere on the back you want with the included aluminum bracket.



Run the wiring harness back to the taillight you attached the adapter with, the white 2-pin connector. Attach the connector.



**Stop and TEST**

**If the license plate LEDs don't light up, switch the Red and Black wires near the license plate frame.**

**Step 11. Dash Indicators**

For Models that are compatible with Dash Indicators (Turbo S Models, and a **limited** number of other RZR models), the Dash indicators can integrate into existing Left and Right signals in the instrument cluster.

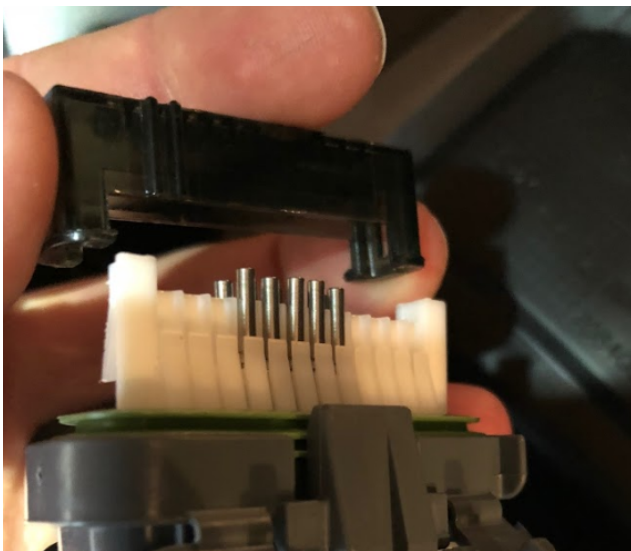
**For most models, utilize the included Blue LEDs and accompanying harness to drill 2 holes in your dash, and insert these for your dash indicators.**

**WE DO NOT GUARANTEE THAT THE TURN SIGNAL ARROWS ON YOUR MACHINE WILL WORK. WE INCLUDE THESE BLUE LEDs FOR THIS REASON.**



**For compatible machines, for integration into the instrument cluster, continue below:**

3. Unplug the instrument clusters plug from behind the DRIVERS SIDE Instrument Cluster (NOT THE RIDE COMMAND SCREEN) and open the back.
4. Pull out plastic pin inserts from numbers 6 and 7 from the back
5. Remove the front plastic covering from the front side of the pins



6. Insert pins into plug and make sure they line up evenly with the other existing pins. The **Black** wire will go in position 6, and the **Red** wire will go in position 7.

**If your instrument cluster arrows show backwards, simply swap these 2 wires.**

7. Re-attach the plastic covering and reassemble plug.

Step 12.  
**Attaching  
your  
License  
Plate**

Installing the plate functions best if you use a pair of regular scissors and cut a small ¼" tab out the top of the license plate as shown in the pictures to the right. Leave enough space for the wires to come through. Bend the tab over so it lays flat (or file it off)

Use a 3/8" drill bit to install the mounting bracket to your bumper.



**Common Troubleshooting Tips**

1. There is ONLY one place that each wiring harness will connect to on the Main Control Box. Each wiring harness will end up at the control box, as none of them connect to each other. This is helpful if you are confused about which wiring harness to use.
2. If your license plate does not light up, when the switch is turned on, swap the red and black wires that are 6 inches from the plate. Black on Red, and Red on Black.
3. When you test the blinkers, if the rear taillight blinkers blink on the wrong sides, simply swap the black and white bullet connectors coming out of the taillight in-line plug ran in step 6. This will reverse the left and right turn signals.
4. If the front Blinkers blink on the wrong size, swap the wires leading up to them.
5. If nothing is turning on (or your instrument cluster doesn't turn on), check your fuses. Look at the headlight or the ACC fuse.

**For additional support email [support@wdelectronics.com](mailto:support@wdelectronics.com)**