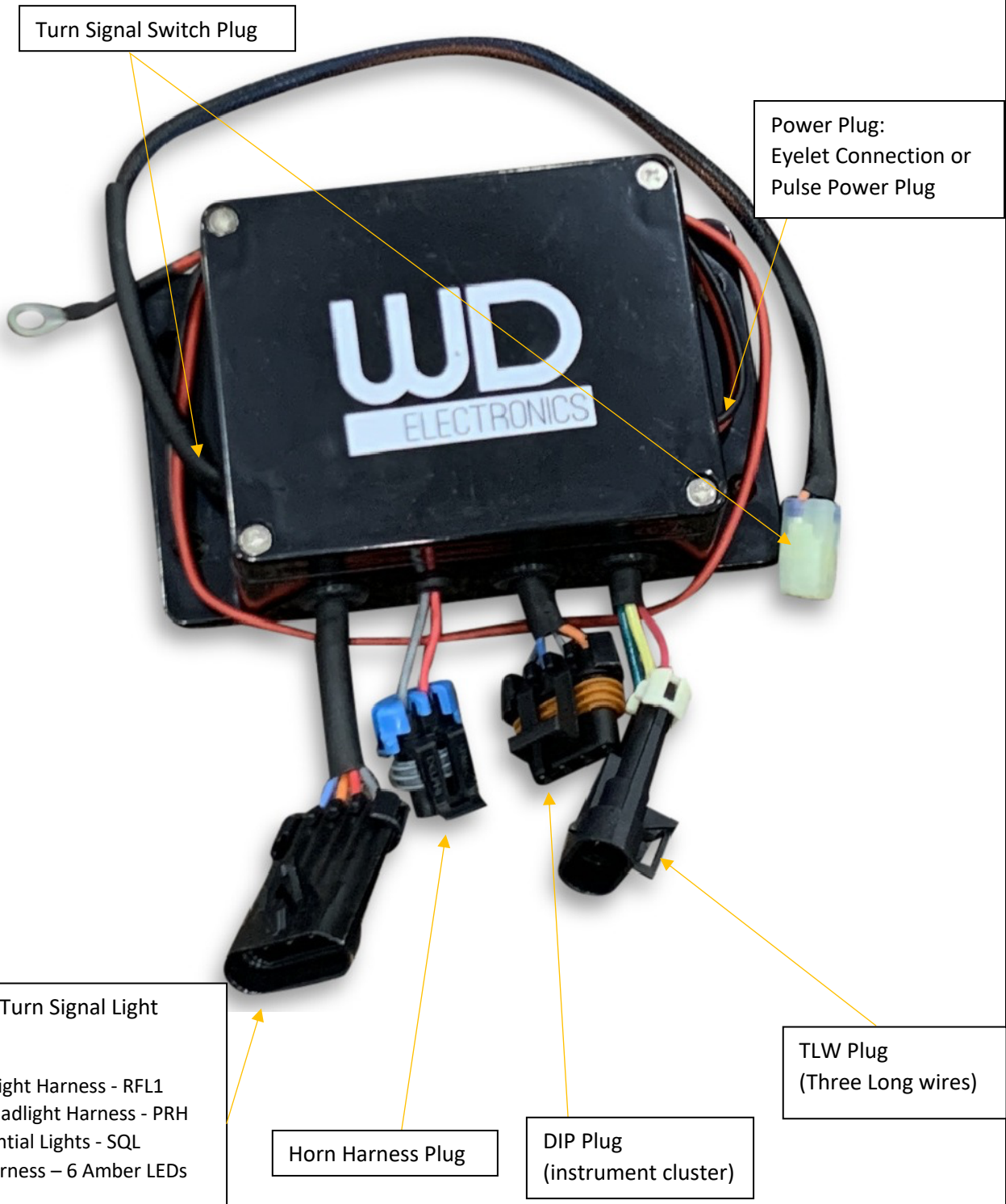



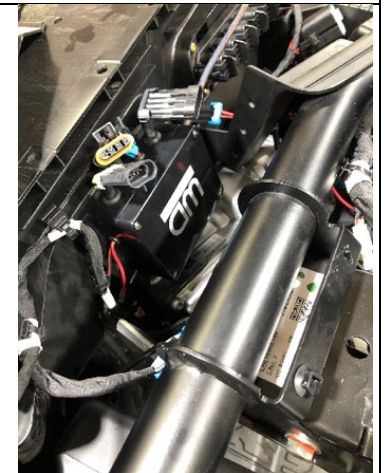






Integrated Street Legal Kit for Polaris RZR Pro XP, Pro R, Turbo R (Replacement Headlights or 3x2)

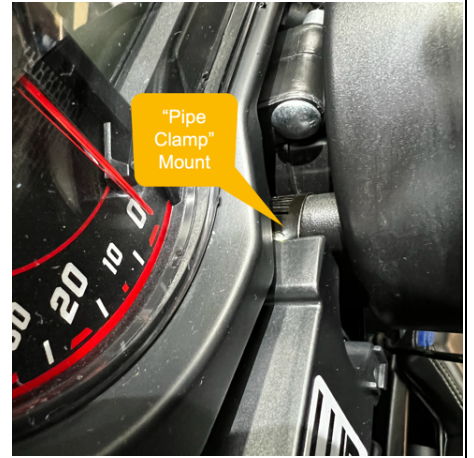
Parts Contents		
<p>Long cable with Set of 3 Wires</p> 	<p>Main Control Module with Power Plug</p> 	<p>Snail Horn and Harness with Switch</p> 
<p>Zip Ties for cable management</p> 	<p>Column-Mounted Turn Signal Switch</p> 	<p>Either the 6-LEDs OR the Replacement Headlights.</p> 
<p>In-Line adapter plug for Rear Taillights</p> 	<p>License Plate Kit and wiring Harness</p> 	<p>Instrument Cluster integration harness and Blue dash Indicators with harness</p> 

Main Control Box Wiring Diagram



<p>1. Prep the front of the Machine</p>	<p>Remove the Hood and Dash from your RZR. Remove Hood by removing the two T-40 Torx screws on the Hood.</p>	
<p>2. Mount the Main Control Module</p>	<p>Remove the dash from the RZR by unbolting the existing T40 bolts from the dash. Mount the WD Main Control Box under the dash close to the Pulse bar connectors where you will get your power from. Don't connect the power Pulse Plug to your Pulse Bar yet.</p> <p>If your machine has other accessories, wires, or components in this place, find a suitable location to mount the Main Control Module under the dash in the middle section so that all wire lengths reach.</p>	
<p>3. Attach the column-mounted turn signal lever</p>	<p>Included are 3 mounting options.</p> <ol style="list-style-type: none"> 1. If you have steering wheel controls/buttons, used the already attached pipe clamp to wrap around the bolt housings on the left side of the steering wheel column. <ol style="list-style-type: none"> a. For the cleanest look, pulling your steering wheel and using the L bracket is best. To do this, use a Steering Wheel Puller to pull the wheel off. (we have built one that you can find on our website) b. After the steering wheel is removed, use a 10mm socket to remove the 2 gold-colored bolts from the left side of the steering shaft. The nuts on the back side of these bolts are welded on and do not turn. c. Lift the plastic cover up and insert the WD electronics turn signal switch with the "L" shaped bracket in between this plastic cover and the metal bracket on the machine. Insert the gold-colored bolts through the cover and bracket on the turn signal switch and tighten them back up into the welded nuts on the back. d. Reassemble the steering wheel. 	   

2. If you have a telescoping steering wheel WITHOUT the buttons on the steering wheel (non-ultimate) then use the included "L" bracket that mounts on the un-used bracket on the left side of the steering column. There are black bolts included that fit the existing threads on that side bracket.

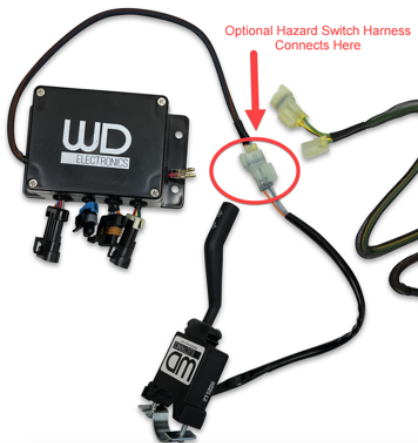







3. If you do not have the telescoping steering wheel, then use the included "U" bracket that wraps around the steering column and attaches to the same bolt that the piston (that raises and lowers the steering wheel) uses. Remove the nut off the bolt that attaches the steering column to the piston that raises and lowers the steering wheel. The bracket on the turn signal switch will wrap around the column and utilize that same bolt.



After the Turn signal Switch is mounted, connect the attached cable back to the matching cable on the Main Control Box. The mating connector is coming out of the left side of the Main Control Box if you are looking at it with the WD logo facing you.

If you purchased the optional Hazard, hook it up using this diagram:

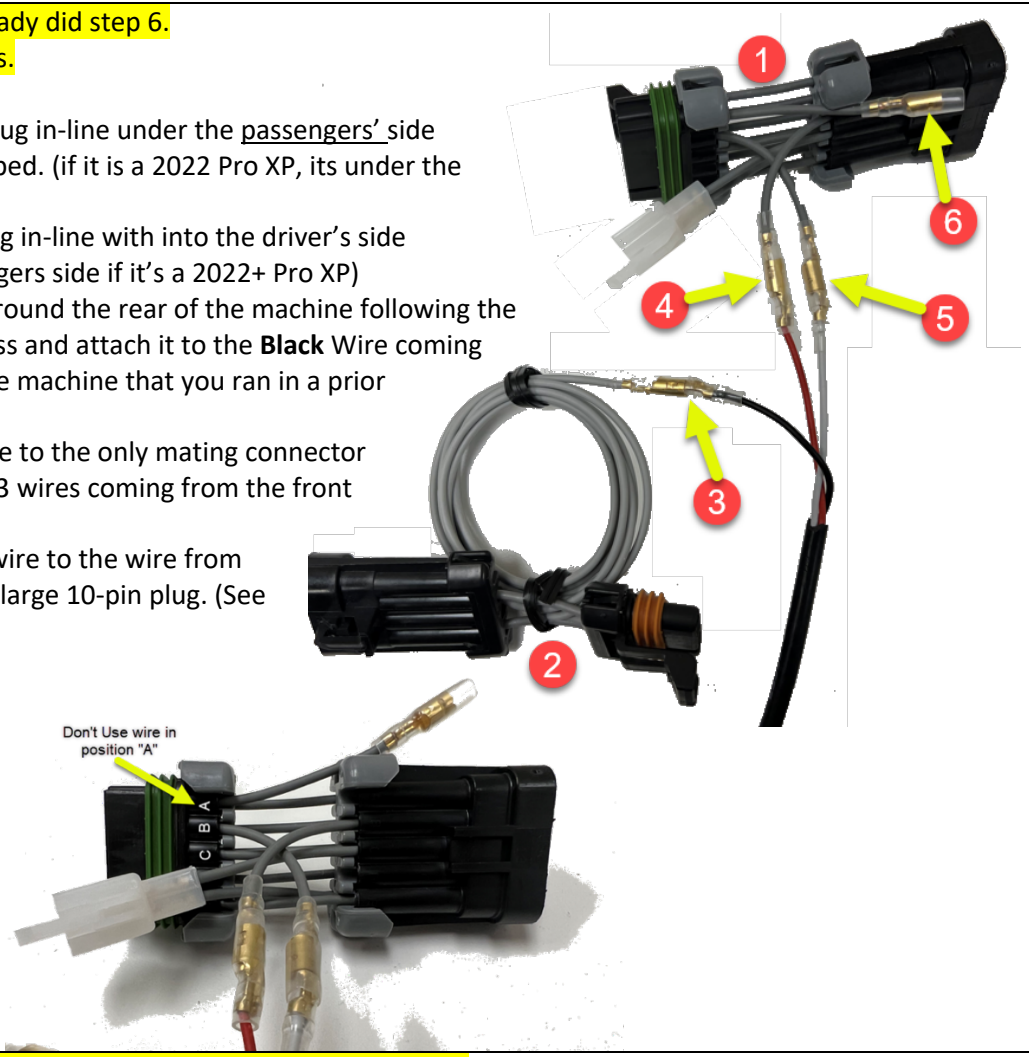


<p>4. Install the Horn and switch</p>	<p>Mount the horn under the hood on an existing suitable bolt. Remove or cut one of the rocker switch blanks from the dash in your desired spot for the horn button. Install the button by removing the harness from the back of the switch, pressing the switch into the blank until it locks in and then re-connect the rear harness back onto the switch.</p> <div style="display: flex; justify-content: space-around;">   </div> <p>Run the other side of the Horn harness back to the Main Control Box and attach to the only connector that fits it.</p>
<p>5. Run the long set of wires to the rear of the machine</p>	<p>Run the rear taillight harness to the rear of the machine using the bundle of long wire with 3 wires in the same cable. The best way is to run the wire down the center tunnel of the machine back to the plug you will install in the next step. Once ran, the front of this wiring harness attaches to the far-right plug on the Main Control Box. (the only plug it fits into) The rear side of this wiring harness plugs into the mating 3 bullet connectors on the 10-pin plug you will run in step 6. Plug them into their mating bullet connectors. (Sorry guys with the Pro models; Removing that center tunnel is time consuming)</p> <div style="display: flex; justify-content: space-around;">  <div style="text-align: center;"> <p>NOTE: When you test the blinkers, if they blink on the wrong sides of the back, simply swap the FEMALE bullet connector wires you just ran. One wire controls the driver rear blinker, and one the passenger rear blinker. The MALE Bullet connector does not need to be changed (There is only one place it will connect anyway)</p> </div> </div>
<p>6. Install the Taillight Adapter (XP Pro and Turbo R)</p>	<p>**If you have a Pro R, Turbo R, or 2022+ Pro XP. Jump to step 6a.</p> <p>** The rear of the machine needs to tap into the rear taillights. Using the included 10-way in-line plug harness, unplug the factory connector plug from the driver's side under the cargo area. Insert the adapter in line of the existing connector. The single wires with the female end of a bullet connectors will attach to the wires you ran in the previous step, the TLW, as shown below. The left over 2-pin plug will be used later to provide power to the license plate.</p> <div style="display: flex; justify-content: space-around;">   </div>

6a. Install the Taillight Adapter (Pro R, Turbo R, or 2022 XP Pro)

Skip this step if you already did step 6. ONLY FOR PRO R models.

1. Plug in the 10-pin plug in-line under the passengers' side fender, next to the bed. (if it is a 2022 Pro XP, its under the Drivers side bed.)
2. Plug in the 4-pin plug in-line with into the driver's side taillight. (or Passengers side if it's a 2022+ Pro XP)
3. Run the grey wire around the rear of the machine following the factory wiring harness and attach it to the **Black Wire** coming from the front of the machine that you ran in a prior step
4. Connect the red wire to the only mating connector that it fits from the 3 wires coming from the front of the machine.
5. Connect the white wire to the wire from **position "B"** on the large 10-pin plug. (See image 2 below)
6. Wire in Position "A" will **not** be used.



7. Installing the Front Turn Signals (6 Amber LEDs)

If you are installing the Replacement Headlights skip to step 7a.

Run the harness with the 6 Amber LEDs from the front head lights (3 LED's on each side) through the firewall and back to the main module under the dash. Plug it into the only plug that it fits. Drill three 3/4" holes under the front head lights (or wherever you'd like!) Install the 3 LEDs on each side by pulling the rubber grommet off each one, slipping the LEDs then the grommets through the hole. **Verify on the wires that LEDs with the LEFT sticker are on the Driver's side.** Place the rubber grommet in the hole first, and then slide the LED inside the grommet.



7a.
Installing
the Front
Turn
Signals
(Replacem
ent
Headlights

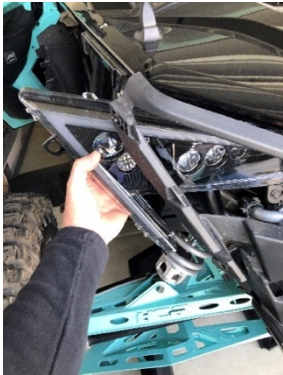
Skip this step if you have the 3x2 kit with the 6 amber LED's.



Remove the side panels of each front headlight by removing the bolts attaching it.



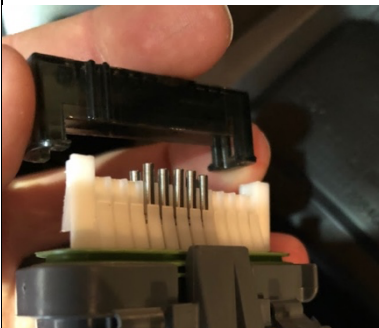
Unplug the connector from behind the Headlight and remove the bolts holding the head light and remove the factory headlights from the machine.



Re-attach the new headlights that came in the WD kit in the reverse order. Plug the factory headlight plug back into the new headlights. The wiring harness with 2 long wires with one labeled as "Drivers Side" connects to the single wire will attach to the harness ran from the Main Control Module to the front headlights.

8. Install
the
Instrument
cluster
indicator
harness


1. **DISCONNECT THE POWER cable from the Battery!** VERY IMPORTANT or you will blow your fuse for your instrument cluster.
2. Unplug the instrument clusters plug from behind the DRIVERS SIDE Instrument Cluster (NOT THE RIDE COMMAND SCREEN) and open the back.
3. Pull out plastic pin inserts from numbers 6 and 7 from the back
4. Remove the front plastic covering from the front side of the pins
5. Insert pins into plug and make sure they line up evenly with the other existing pins.



Place the red wire in position 7 and the black wire in position 6. If they are flashing on opposite sides, simply swap them.

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



<p>9. Connect to Power Source</p>	<p>Connect the Pulse bar connector from the Main Control Box to the pulse bar (bus bar or power bar) that is next to the Main Control Box to provide power to the Turn Signal System.</p>	
<p>10. Attaching License Plate Frame</p>	<p>Install the license plate bracket directly to the rear of the machine or use the included metal bracket to hang it. You will need to drill a hole in the top of the plastic to mount the bolt. You can be creative with this as you can mount it anywhere on the back you want with the included bracket. Run the wiring harness back to the 10-pin adapter plug you connected in step 6. Attach the connector. If the license plate LED's don't light up, switch the red and black wires near the license plate frame.</p>	
<p>11. Attaching License Plate</p>	<p>Installing the plate functions best if you use a pair of regular scissors to 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).</p>	
<p>Common Troubleshooting Tips.</p>	<ol style="list-style-type: none"> 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. 6. If only one of your taillights works correctly, jump back up to step 6a and follow those instructions. <p style="text-align: center;">For additional support email support@wdelectronics.com</p>	