
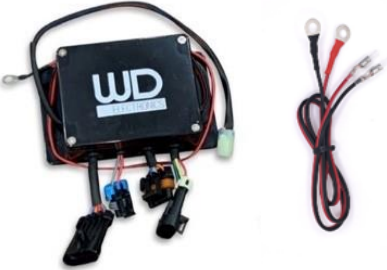









Integrated Street Legal Kit for 2016-17' Polaris General

(TSK-1956, 1957 & 1958)

Parts Contents				
<p>Long cable with set of 3</p> 	<p>Main Control Module</p> 		<p>Snail Horn and wiring harness and switch</p> 	
<p>Blue dash indicators w/ harness & Wiring for indicator light integration</p> 	<p>Column-Mounted Turn Signal Switch</p> 	<p>Zip Ties for cable management</p> 	<p>License Plate Kit and wiring harness and Bracket</p> 	<p>In-line adapter plugs for Rear Taillights</p> 
<p>Your Kit will include <u>ONE</u> of the following Front Signal Options below:</p>				
<p>Sequential LEDs and Ballasts</p> 	<p>Harness with 6 LEDs</p> 	<p>Replacement Headlights, and adapter harnesses</p> 		

Step 1.
Remove Hood and Dash

Remove the Hood off your General.

The dash comes off after the Hood by removing the fasteners all along the ridge and perimeter.(Not all fasteners are highlighted, some are circled to highlight the location)



Step 2.
Attach the column-mounted turn signal lever

The Turn Signal Switch and bracket utilize the same bolt and nut that the piston (that raises and lowers your steering wheel) attaches to.

The "U" bracket will be upside down and will wrap around the steering column. You will have to pry open the "U" just a little bit to get it to slide over the column.

1. Remove the nut on the piston bolt and attach the steering column switch bracket over the hole and put the nut back on. **Do not over torque that nut!**
2. Run the wire up under the dash into the compartment behind the dash.



HAZARD ADD-ON: If you purchased the optional Hazard switch, you will plug it in line with the turn signal switch wiring harness. Unplug the white connection and insert the white Hazard plugs in-line.

Step 3.
**Position the
WD Main
Control Box
and route
Power Wire**

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, under 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.

If you have other accessories installed that make it unable to mount in the suggested spot, you can contact us for extension wires that you can purchase at 801-769-6770 or support@wdelectronics.com



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 power and ground but **wait to do so.**



Attach the power cable with ring connectors to the control box, then Run the Red and Black wire through your firewall, back up to the factory bus bar. Later you will **attach to the ACC and GND (ground) Terminals** on the bus bar.



What Type of Front Signals did you Purchase?

If you have the Sequential LEDs, proceed to **Step 4a.**

If you have the 3x2 (6 LEDs), jump to **Step 4b.**

If you have Replacement Headlights Jump to **Step 4c.**

Step 4a.
**Sequential
LED Strip
Installation**

1. Back out your headlight bolts in order to leave about a 1/4" gap between the headlight and the front fascia, leaving enough room to fit the groove in the sequential strip along the gap.
2. Install the silicone LED strip so the groove along the back of the strip tucks behind. You are essentially pinching the LED strip in between the headlight and the front plastics.
3. Then tighten the headlights back so they are snug.
 - a. NOTE: If you have a **General** and the gap is not wide enough for the LEDs to insert in between, utilize the included Longer Headlight bolts to allow for more space in your headlight gap.
Do not over-tighten your headlights or you will run the risk of crushing the LEDs themselves.



If you find that there is not a large enough gap for your Sequential LEDs, give us a call and we can send you longer headlight bolts. (1-801-769-6770 or support@wdelectronics.com)

4. **As an alternate!** You can use the included plastic brackets and mount your sequential strip any way you like. They will screw into any plastic surface and then you run the bottom of the strip into the brackets as shown here.



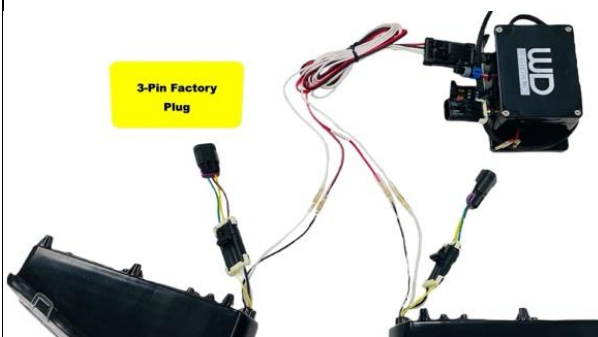
Step 4b.
Install the 3x2 LEDs (6 amber round LEDs)

- 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 $\frac{3}{4}$ " 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 down onto the wires, slipping the LEDs then the grommets through the back of 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.



Step 4c.
Install the Replacement Head Lights

1. Unplug the Factory wiring harness from both of your headlights.
2. Back out your headlight bolts (there are 3) to remove the headlight from the front plastics.
3. Install the replacement headlights in the same place.
4. There are 2 sets of factory plug adapters in your kit. Either a 3-pin plug set or a 4-pin plug set. Use the correct set that matches your factory wiring harness. One of the 2 adapters will have a label that says, "Drivers Side". Use that adapter on the Driver's side headlight and re-connect the factory headlight harness into the headlight using this adapter.
5. Run the included headlight harness (red, black, and white wires) from the Main Control Module to the front headlights. One set of wires to each side. The wires labeled "Drivers Side" will go to the driver's side. The others will go to the passenger's side.
6. Utilize the below diagrams on how to connect the wires. **Note:** If using the 4-pin factory plug set, you will not use the white wires running from the main control module. If using the 3-pin set, the white wires will be used



Step 5.
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 center tunnel. Remove the plastics covering the factory main harness down the center of the machine and back to the driver's side taillight. Follow along zip-tying the cable in place once it is fully run.



Connect the 3-pin plug on the Long Black Harness to the mating plug on the Main Control Box module under the dash. There is only one plug that it fits. Next, attach the opposite end with the bullet connectors to the in-line rear taillight plugs. Connect the red female and black male bullet connectors to the mating bullet connectors on the driver's side taillight adapter (the one with the 2 bullet connectors and the 2-pin plug). Next connect the white bullet connector on the long black harness to the long white wire on the passenger's side adapter. See the photo of how it connects above and more detailed instructions on this below.

Step 6.
Integrate into Rear Taillights

The rear of the machine needs to tap into the existing factory rear taillights using the two included in-line adapter harnesses. To do this, first, un-plug the factory taillight connector from both taillights.

Your kit will come with two 3-pin adapters. One adapter has an extra 2-pin plug and two bullet connectors, and the other has a long white wire with a single bullet connector.



Insert the adapter with the white 2-pin plug in-line with the factory harness on the driver's side taillight and connect the red and black bullet connectors to the mating connectors on the long black cable you ran in the last step. Insert the other adapter with the long white wire on the passenger's side taillight and run the white wire across the back of the machine following the factory harness to the driver's side taillight. Connect it to the remaining bullet connector on the long black cable. After making the connections plug the factory wiring for the taillights into the adapters you installed on both sides.



There are 3 total bullet connectors on these adapters and one 2-pin plug that will be used to power the license plate frame in a later step. Of the 3 bullet connectors on these plugs, there is 1 male and 2 female connectors.

The male bullet connector connects to the only female bullet connector on the long cable you ran earlier. The colors on the adapters should also match up with the colors on the long black cable. Red with red, black with black, and white with white.

The 2 female bullet connectors connect to the 2 male bullet connectors on the cable you ran earlier. (They can be swapped once you test the left and right rear turn signals if they are indicating backwards.)

Step 7.
Install Horn and Horn Rocker Switch in the dash

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

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 8.

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. Connect the spade connectors to the horn.

Step 10.
Install License Plate

Install the license plate bracket directly to the rear of the machine using the included well-nuts OR use the included bracket to hang it.

You will use the bolt highlighted by the red circle below. Remove the bolt, then install it through the highlighted hole on the black bracket. The lit license plate bracket will then be installed onto this bracket as shown below.



Run the wiring harness back to the driver's side taillight adapter, locate the 2-pin connector with the blue clip and attach the connector as shown.



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 and General models), the Dash indicators can integrate into existing Left and Right signals in the instrument cluster.

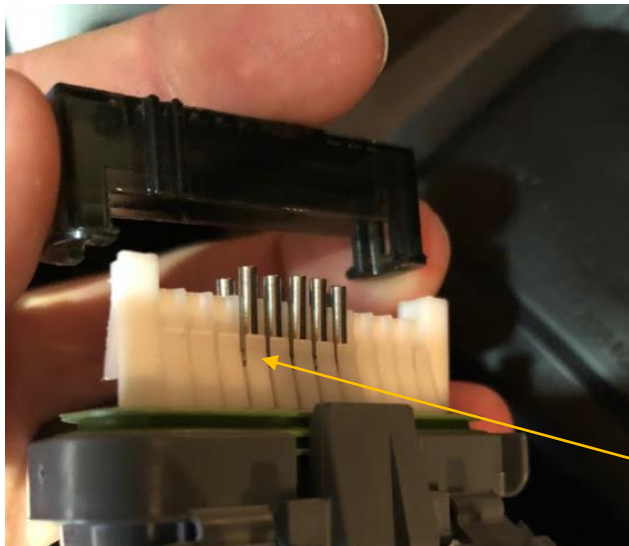
For most models, utilize the included Blue LEDs and accompanying harness to drill 2 holes in your dash, and insert these for your dash indicators.

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:

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



4. 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 are showing backward, simply swap these 2 wires. **To do this, you can lift up the Piano Key-looking white plank and the wires will slide right out the back.**

5. 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