



# Polaris Ranger 1000 Turn Signal System

Thank you for purchasing XTC Power Products Turn Signal System. Our new Easy Install system is unique from the other kits on the market. This kit is from our Plug & Play™ product line, no wires to cut, plug it into the OEM harness and Busbar. Like many cars on the road today, our kit uses the factory brake lights as turn indicators.

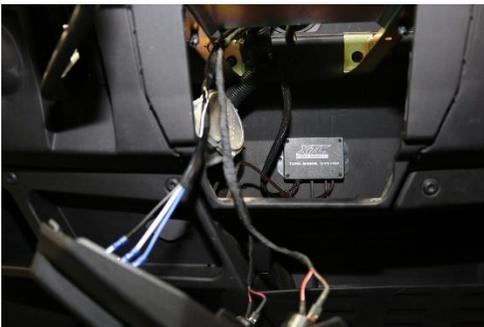
**For more details on installation go to [www.xtcinstall.com](http://www.xtcinstall.com)**

**Please read the instructions fully and familiarize yourself with the components before starting the install. The following directions are suggestions, the system can be mounted in other locations.**

1. Remove the hood, Dash Cover, center floor inspection panel and center switch panel not shown.



2. Mount the Control Unit as shown going through the switch plate opening using two self-tapping screws provided.



3. Unroll the long rear cable, unplug the rear light harness above the engine and plug our harness in-line, if TSS-POL-GBU it will be a 4-pin connector, TSS-POL-RCBU Ride Command system ordered then it will be an 8-pin Connector.



- Starting with the 4-pin connector run the cable from the rear of the car down to the inside center tunnel and up the fire wall through to the control box and plug in, cable tie any extra cable.



- WARNING! Verify that there is clearance where you want to mount the front LED lights before drilling the holes.** Install Front LED Turn Lights – The front LED Turn Indicators can be mounted with the rubber grommet or without. If the grommet is **not** being used drill 5/8" holes. If the grommet is being used drill 3/4" holes. Remove and install the rubber grommet from the LED into the hole if being used. Insert LED into the hole with the Top marking up. NOTE: the TOP marking is on the front of the LED lens. The Lights may be mounted anywhere on the front of the car, for the sample we chose the corner of the trim because it can be seen from both the front and side of the car.



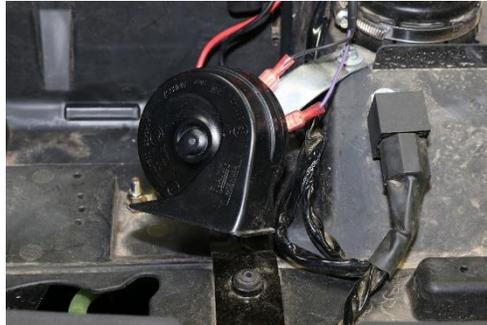
- Lay the front small light harness out in the front under the hood, run the connector with the green wire to right side LED and run the connector with the yellow wire to the left side. Run the 4-pin connector through the hole in the fire wall to the control unit. Insert bullet connectors into LED connectors as shown above. **NOTE: The Black LED wire is positive and goes to the yellow and green wires, they will not work if reversed, white is ground. Secure the Harness using the provided cable ties.**

**WARNING! Verify that there is clearance behind dash for switch's.**

- Install Turn Switch. Using a new sharp razor, cut two factory switch rectangles out on the left side of the steering wheel, they also may be mounted in the center switch console if desired. Do not over cut, try inserting the switch and trim as necessary. Run the switch connectors through the rectangles and attach the switches and insert switches into cutouts. If a Horizontal switch was ordered use the provided switch template to cut the rectangle out.
- Dielectric Grease** - LED flashers by design take very little current to activate. When water gets on the dash and lands on the top of the switch, it can trickle to the connector causing it to activate the flasher by using the switches LED indicator, the system will continue to operate and does not hurt the system but will continue clicking until the switch terminals dry. Just like the OEM we recommend using Dielectric Grease on all switch terminals, this keeps the water out and will stop the clicking, it also reduces corrosion and increases reliability! Open the grease and put on the switch terminals and the connector terminals, the more the better, also put some on the Hazard switch terminals. It should also be used on any extra switches that you may have installed.



9. Install the Horn. Attach the horn mounting bracket to the horn and mount as shown below with the provided screws. Connect the violet wire from the front harness to one of the horn terminals and the black wire provided to the other terminal.



10. Run the power wire from the control box through the opening in the fire wall to the factory Busbar. Remove one of the Busbar plugs and plug the TSS in. Using a provided screw attach the fuse holder to the fire wall



11. Verify operation of all lights and using the provided Cable Tie's secure the harness completely.
12. Reinstall removed panels.

**Optional** - The Tan wire next to the Turn Switch is for an optional Dash Indicator. When the TSS is activated it will flash 12 VDC that can be attached to an Optional Dash Mounted LED Light. More Information can be found at [www.xtcinstall.com](http://www.xtcinstall.com)

**For more details on installation go to [www.xtcinstall.com](http://www.xtcinstall.com)**

We can also be reached by email at [support@xtcpowerproducts.com](mailto:support@xtcpowerproducts.com)

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\*Disclaimer: This kit is intended for off road use only and XTC Motorsports claims no responsibility for it use. It is up to the purchaser to make sure it complies with all Federal, State and Local laws.

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