

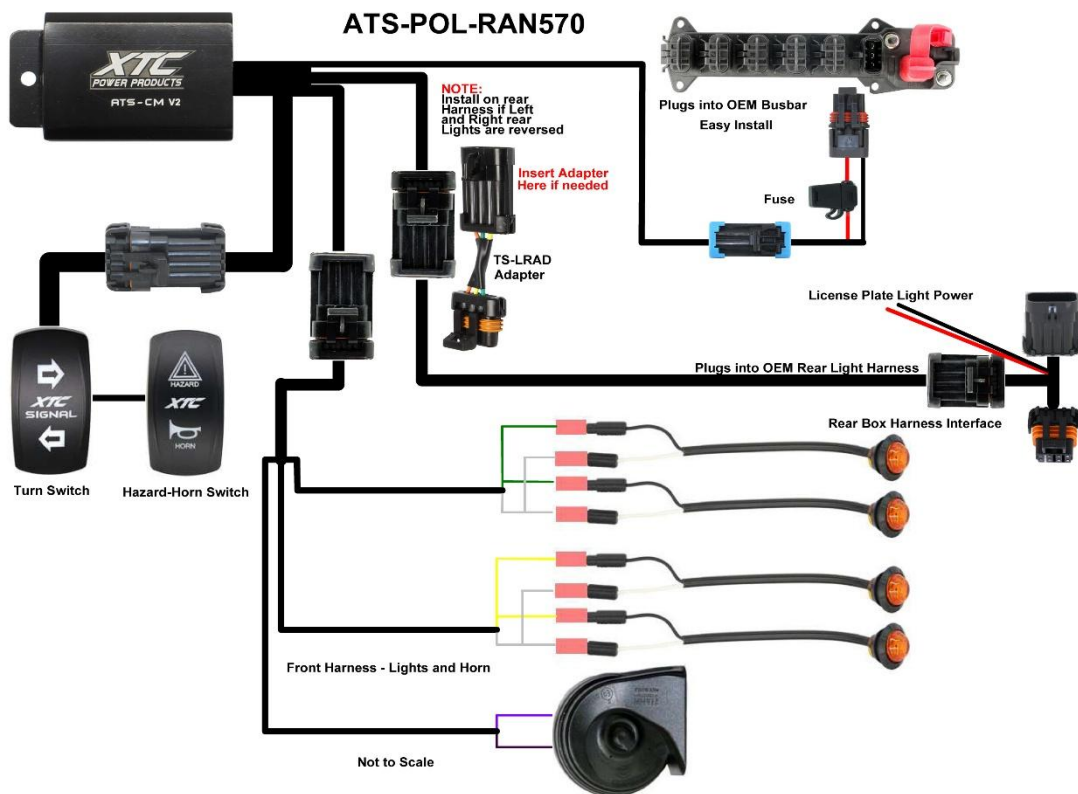


Polaris Ranger 570 Self-Canceling Turn Signal System

Thank you for purchasing XTC Power Products Automatic Self-Canceling Turn Signal System. Our Easy Install Turn Signal System is unique from the other kits on the market. This kit is from our Plug & Play product line, with no wires to cut, no crimping, plugs into the Pulse Busbar for power and OEM Taillight Harness, utilizing the brake lights as Brake and Turn Signals.

Please remember that the Control Module and switches can be mounted in many places, we only give suggestions. We only interface with the OEM wiring at the Rear Light Harness and the Polaris Pulse Busbar.

Please read the instructions fully and familiarize yourself with the components before starting the installation. The diagram below shows the overall system layout.

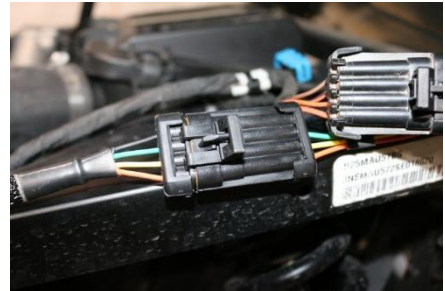


1. Remove the Hood. Mount the Control Module on the firewall using the self-tapping screw provided shown below.



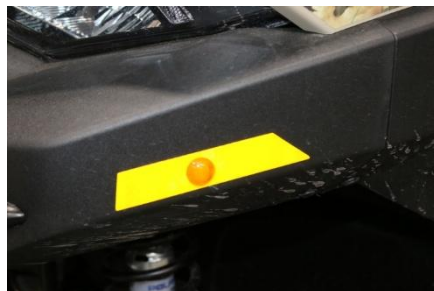
WARNING! Make sure to keep the harness away from any hot or moving parts

2. Under the rear dump bed is the OEM rear taillight harness, unplug the rear taillight connector and plug the rear adapter in-line. Unroll the long extension cable and plug into the rear adapter as shown below. Run the harness to the front, following the OEM wire harness down into the center of the car, remove the bench seat and follow the brake line towards the front of the car, up to the control module. Insert this connector into the mating module connector. Secure the wire harness with included cable ties.



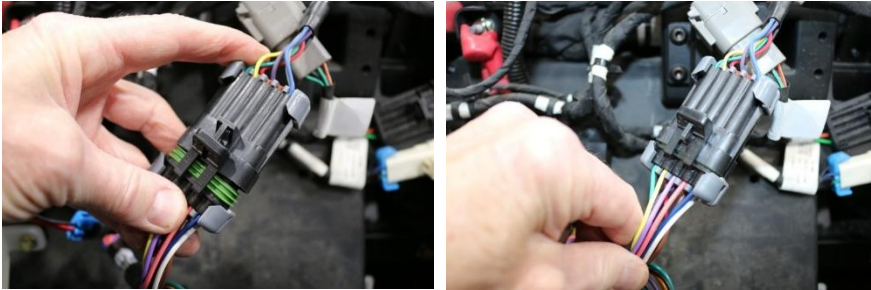
WARNING! Verify that there is clearance where you want to mount the front LED lights before drilling the holes.

3. Front LED Turn Lights – The four 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 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 one on the side corner and one on the front.



4. Plug the short Front Harness into the Control Module. The Violet and Black go to the horn, the green and white wire go to the right side of the car and the yellow and white go to the left side, connect the green wire to right black wire and yellow wire to left black wire and white to white on both. **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.**

5. The Switch Harness has a 10-pin connector on it. Run the connector from inside the dash to the ATS control module and plug in.



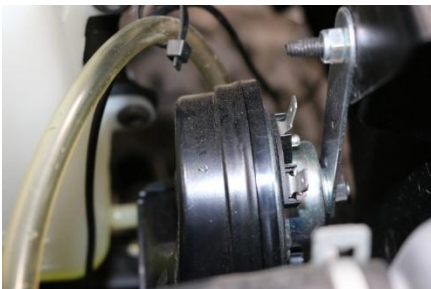
Dielectric Grease - Just like the OEM uses on their switches, we recommend using Dielectric Grease on all switch terminals, this keeps the water out, thereby reducing corrosion and helps increase reliability! Open the grease and put on the switch terminals and the connector terminals on both the Turn and Horn/Hazard switches, the more the better.



6. Install the Turn Switch and the Horn/Hazard Switch. Using a new sharp razor, cut two switch rectangles out. Do not over cut, try inserting switch and trim as necessary. It helps to rock the razor to cut. Run the switch connector through the rectangle switch cutout and use included grease on terminals, connect to switch and slide switch into dash.



7. Install the Horn on one of the studs on the radiator support frame. Connect the violet wire to one of the horn terminals and the black wire to the other terminal.



8. Plug the Power Harness into the Control Module. Run the power wire to the Busbar, remove one of the blanks and plug into the Busbar. **Shown Above Right**



9. Verify operation. The System uses momentary switches to activate. Push up on the Lever for Right or down for Left accordingly. You can cancel the signal at any time by pushing the activated Lever a second time or it will cancel as follows:

Push 1 Second for Lane Change, will stay on approx. 8 Seconds / 10 Flashes

Push 2 Seconds for Slowing to Turn Corners, will stay on approx. 20 Seconds / 30 Flashes

Push 5 Seconds for Traffic Lights when stopping and waiting, will stay on approx. 75 Seconds /110 flashes

The Systems Automatic Self-Cancelling may be overridden/Shut Off at any time by pushing the activated switch.
Hazard Lights - press to activate and press again to deactivate, it does not self-cancel.

***Note:** If after testing the OEM rear taillights are working backwards, install the optional TS-LRAD adapter on the rear harness at the control module. See diagram on page 1.

10. Using the provided Cable Tie's secure the harness completely and reinstall removed parts.

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