revzilla P970743 Polaris XP PRO Self-Canceling Turn Signal System Instruction Manual
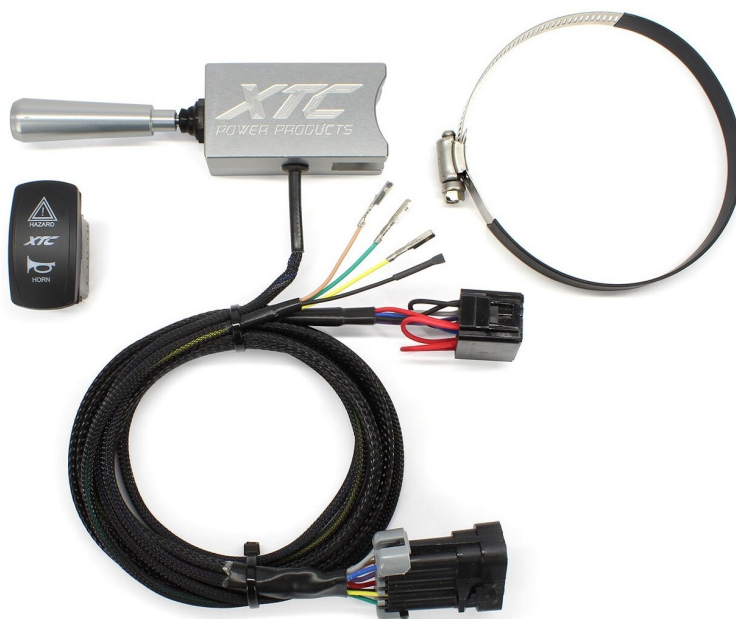
Contents

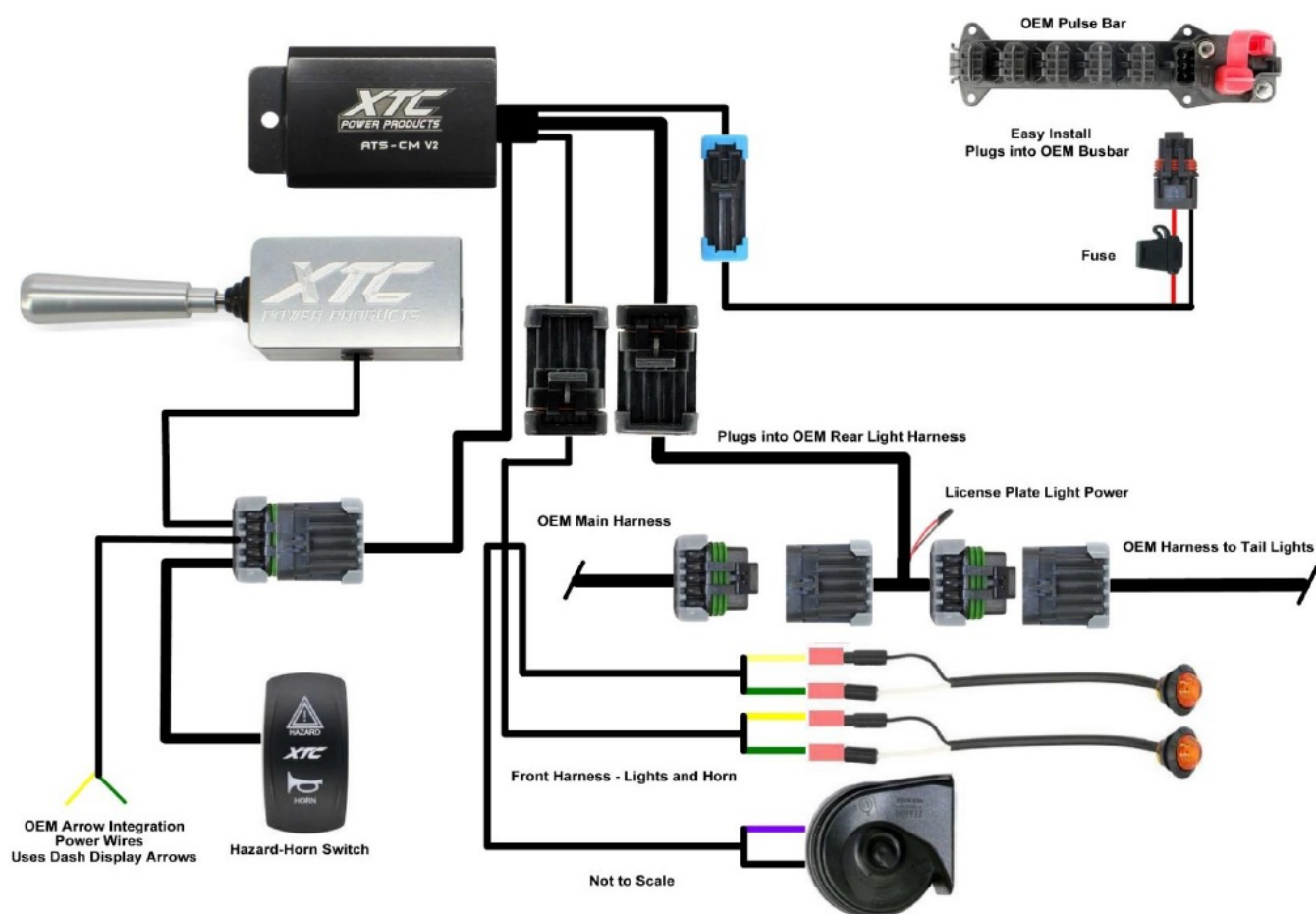**revzilla P970743 Polaris XP PRO Self-Canceling Turn Signal System**

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, no wires to cut, no crimping, plugs into OEM Pulse Power System and the OEM Taillight Harness, utilizing the brake lights as Brake and Turn Signals.

Please read the instructions fully and familiarize yourself with the components before starting the installation
The diagram below shows the overall system layout. Remember that these are basic instructions, you can install in other locations if desired, so feel free to be creative. The only two places that have to interface is at the Rear Wire Harness and at the Pulse Power Bar. NOTE: When installing make sure that wires are run away from any hot or moving parts and properly secured.

WIRING

INSTALLATION

1. Remove the hood and Dash cover exposing the OEM Pulse Busbar. The passenger side center console panel is also removed to run the rear harness wire.
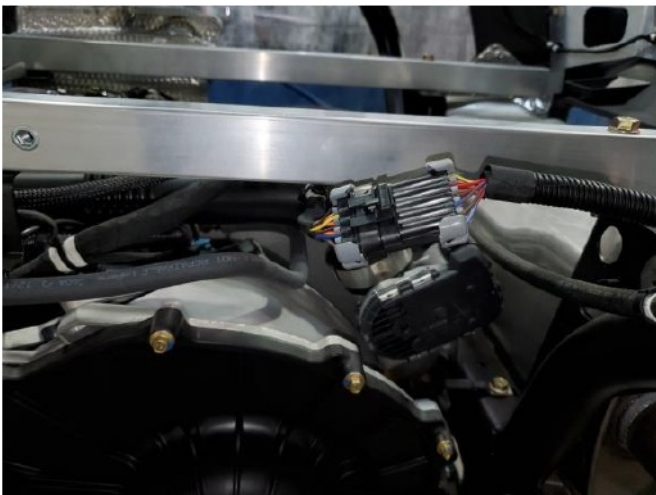
2. Mount the Control Module using the screw provided. Mount just to the side of one of the holes for Relays.

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

3. On the rear driver's side above the engine is the OEM rear taillight harness, unplug the 10-Pin connector and plug our long harness into it in-line. Run the 4 Pin connector from the rear through the center console to the front of the car and plug it into the Control Module. Secure Harness with provided cable ties.
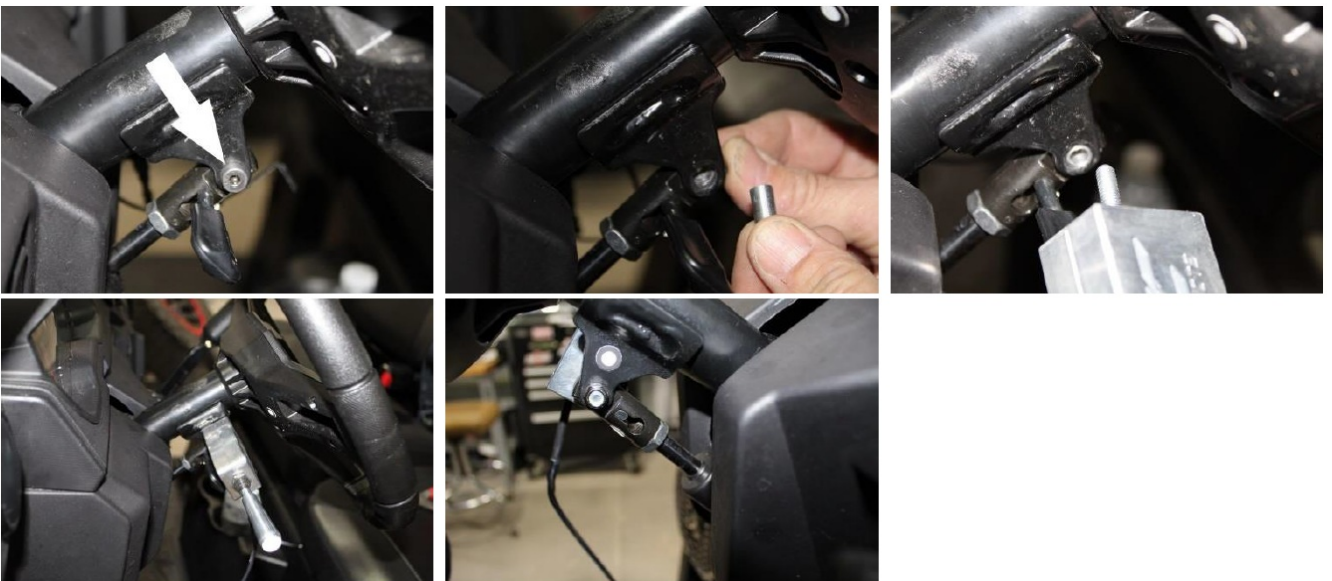
WARNING! Verify that there is clearance where you want to mount the front LED lights before drilling the holes.

4. 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 ¾" 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.

5. Plug the short Front Harness into the Control Module. Run the connector with the Green and White wire to the right side of the car to the right LED turn light, run the connector with the Yellow and White to the left side LED turn light, and 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.

6. Mount Billet Turn Lever – Run the Billet Lever wire from inside the dash to the steering wheel, remove the screw that holds the steering wheel tilt lever, discard the hardware removed, install the lever bolt through the removed bolt hole, and make sure to put the new bushing in the center and secure with the included nut. Line Lever housing up and tighten mounting nut. Secure wire harness with included cable ties.

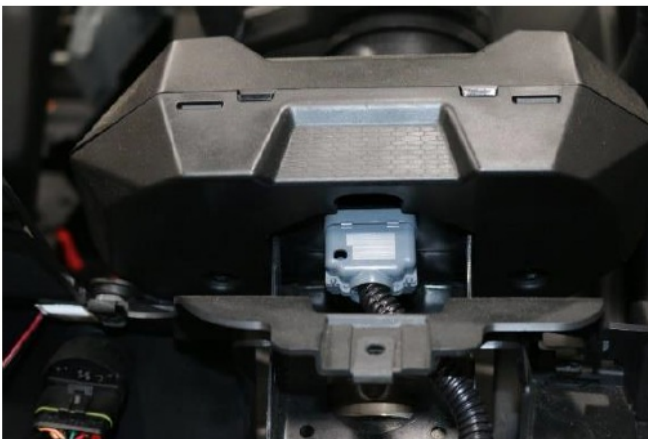7. Install the Horn/Hazard Switch. Remove 1 of the switch plugs.

Run Switch Harness–Plug the Switch Harness into the Control Module, run Horn/Hazard connector through the rectangle switch cutout, and use included grease on switch terminals then connect the Switch and slide into the dash. NOTE: The switch cutouts are counter sunk, we have supplied 2 switch seals to be used as spacers to keep it raised out of the indent to keep it from getting stuck.

Connect to OEM Dash Indicators

Note: The connector has power in it, disconnect the battery during installation. There is a 4-wire harness that has Green, Yellow, Tan, and Black wires coming out of it. The Pro uses the Green and Yellow wires to light the Arrows in the OEM instrument cluster. Tan and Black are not used on this model.

8. Unplug Connector – From the rear of the Instrument Cluster.

9. Remove Connector Lock – Using a small screwdriver push in on both sides at the white connector shown below and slide lock off.

10. Remove Plugs – Using a pair of needle nose pliers remove the plugs from wire ports 6 and 7, insert the green wire terminal into 6 and the yellow wire terminal into port 7.

11. Close Cover – Run ATS wires alongside the OEM harness and snap shut, re-install the plastic locking cover, and plug back in.

12. Install the Horn. Using the supplied self-tapping screw and washer install the horn onto the radiator support as shown. Attach the Violet wire and the Black wire from the front harness to the horn.

13. 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.

14. 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.

15. Using the provided Cable Ties secure the harness completely. Reinstall the removed parts and reconnect the battery.

We can be reached by email at **support@xtcpowerproducts.com**.

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Documents / Resources

revzilla P970743 Polaris XP PRO Self-Canceling Turn Signal System [pdf] Instruction Manual
P970743, Polaris XP PRO Self-Canceling Turn Signal System, P970743 Polaris XP PRO Self-Canceling Turn Signal System, PRO Self-Canceling Turn Signal System, Self-Canceling Turn Signal System, Turn Signal System, Signal System

References

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