

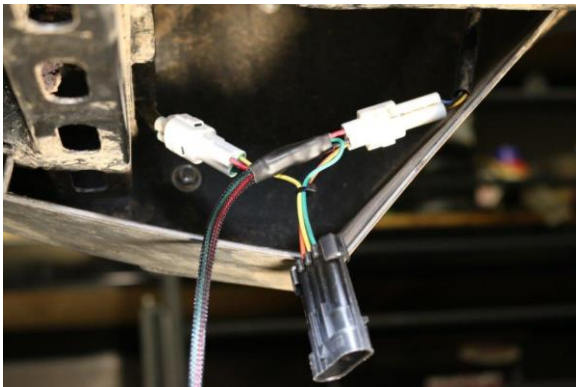


# ATS-YAM-S3 & S4 TURN SIGNAL SYSTEM

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 with only power, ground and plugs into the OEM Tail Light Harness, utilizing the brake lights as Brake and Turn Signals. These instructions cover both the 2018 and 2019 models. The only difference is the connectors that interface at the rear switched the direction of the Male and Female. **Make sure you have received the proper kit for the year car before you start the install.**

**Please read the instructions fully and familiarize yourself with the components before starting the install.**

- 1. Remove the Hood and center plastic center console/engine cover**
- 2. Open Dash** – Remove the fasteners that hold the top of the fire wall to the dash for access into the dash
- 3. Install Rear Light Harness** - On the driver's side rear taillight, unplug the 3-wire connector by pushing in on tab. Plug the ATS harness with Yellow wire in-line. Run the connector with the Green wire over to the Right tail light, secure with included cable ties, unplug the light, remove the connector from ATS harness that has the red and black wire, then plug our harness into the right rear light, plug the removed connector into the open harness, these wires are used to light an optional license plate light.



- 4. Mount the Control Module** – Mount the ATS control box under the hood on the fire wall with the provided screws.

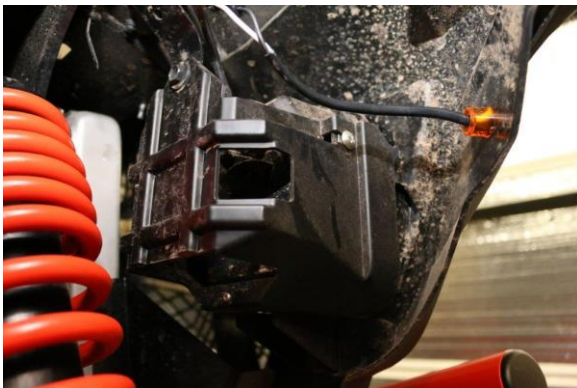


5. **Run the Rear Harness** - Attach the long extension harness to the previously installed rear light harness. Run the rest of the harness with the male four pin connector through the center of the car, through the fire wall at the main wire harness up to the control box and plug into the mating connector, **make sure to keep the harness away from any hot or moving parts, secure with provided cable ties.**



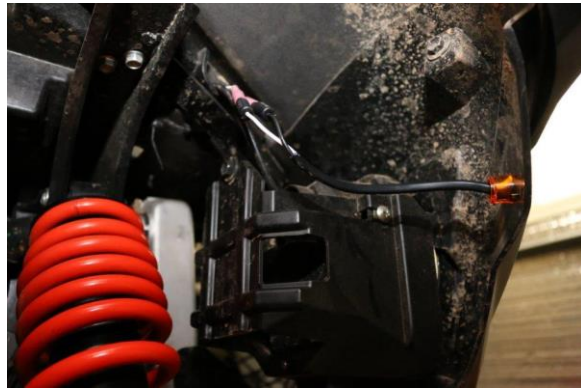
**WARNING! Verify that there is clearance before drilling the holes for the LED's and keep the harness away from any hot or moving parts.**

6. **Install the two front LED lights** - Drill 5/8" or a 3/4" holes in the front corners, 5/8" if not using the rubber grommet, remove the rubber grommets from the LED's and insert into the holes, insert the LED's into the grommets with the mark TOP on top.



7. **Plug front Harness into Control Module.** Run the Green wire harness to the right/passenger side and the yellow wire harness goes to the left/driver's side. Both green and yellow wires are positive and go to the black wire on the LED Light, the white wire goes to white. Secure the harness with the provided cable ties. **NOTE: Black wire is positive, and the White is ground, they will not work if reversed.**





**WARNING! Verify that there is clearance behind dash for Turn, Hazard and Horn switch's**

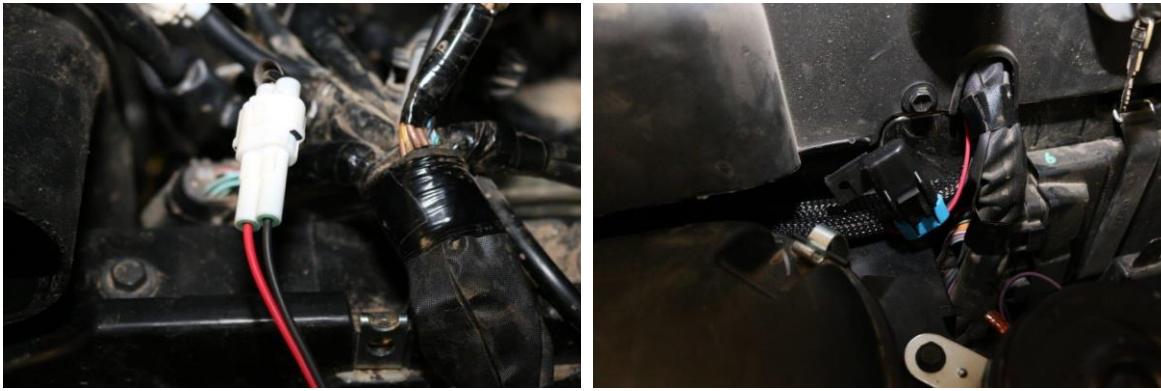
- 8. Install the Turn and Horn/Hazard Switch** – Cut two of the switch rectangles out or use the switch template to mark the rectangle for the switch and drill a hole in each corner, using an appropriate cutting tool cut out the rectangle. Run the switch connectors through, apply Dielectric Grease to both switches and attach the Turn Switch and the Hazard/Horn switch, insert into opening. Run the other of the Switch Harness and Plug into the Control Module



- 9. Mount the Horn** – Install the horn bracket onto the horn. Remove OEM bolt near the OEM Relays and mount the horn and reinstall bolt. Attach the Violet and Black wires from the front harness to the horn and secure.



- 10. Run Power Wire** – Plug the power Harness into the Control Module. Run the power wire with the fuse over to main wire harness, under the dash there is accessory connectors for optional products, remove one of the white caps that does not have any wires coming out and plug the connector in to the factory wire harness. Reinstall Firewall. Leave the fuse on outside of the firewall when reinstalled.



11. Verify operation of all lights and secure the harnesses with the provided cable ties.

**Operation:** The System uses momentary switches to activate. Press Right or Left Actuator accordingly. Will cancel as follows.

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

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

Press 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.

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 its use. It is up to the purchaser to make sure it complies with all Federal, State and Local laws.

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