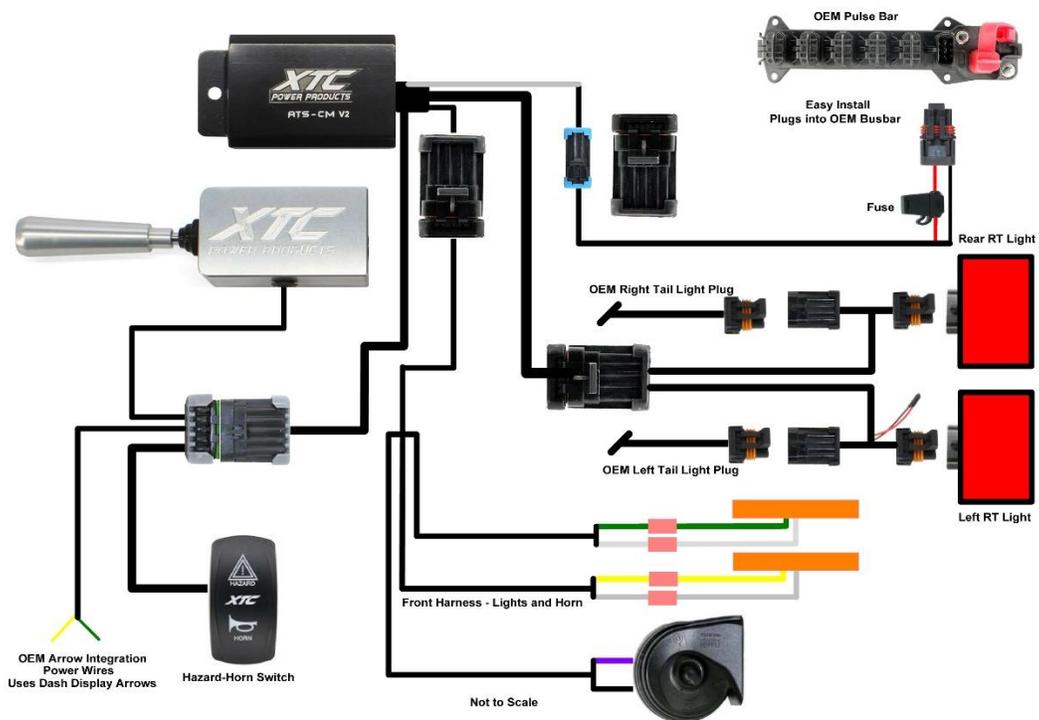




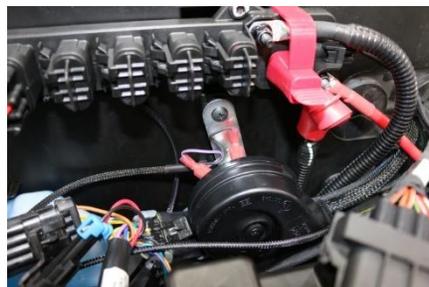
Polaris Ranger 1500 Self-Canceling Turn Signal System

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 with only power, ground and plugs into the OEM Taillight Harness, utilizing the brake lights as Brake and Turn Signals. Has more fasteners and insulation requiring more time to install, especially the NorthStar version, so we are unable to show how to disassemble the car to install the kit. Refer to the manual regarding removing the panels.

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

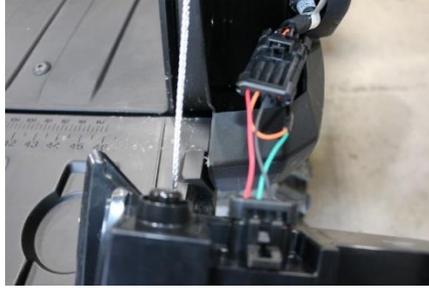


1. Remove the Hood and part of the dash cover. Mount the Control Module using the self-tapping screw provided and mount the horn on the firewall below the Pulse Bar.



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

2. Remove the two rear taillights. Under the rear dump bed on the passenger side frame, following the rear factory wire harness, run the connector with the green wire over to the passenger taillight, plug into the car harness and then into the taillight. Run the connector with the yellow wire over to the driver's side taillight and plug into harness and taillight and reinstall the lights. Secure the harness to the factory wire harness with the included Zip Ties.



3. Unroll the long extension cable and plug it into the rear harness, run the cable along the frame to the battery compartment, remove the rocker panel and run the cable through the frame up to the control module. Lift up on the floor and feed the cable through the floor at the arrows.



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

4. Front LED Turn Lights – Locate a spot on the front fenders and drill a ½" hole. The Lights may be mounted anywhere on the front of the car. We chose the location shown so it can be seen from both the side and the front of the car.



5. 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.**

- The Switch Harness has a 10-pin connector on it. Run the connector from under the dash through the rubber gromet to the ATS control module and plug in.
- Mount Billet Turn Handle – Run the billet handle to the steering column, using the turn lever as a template, position the lever and mark the two mounting holes. Remove the plastic column cover and drill the 2 holes, mount the lever to the plastic cover with the supplied hardware. Re-install the cover back on the steering column.



- Install the Horn/Hazard Switch. Remove one of the switches blank plugs and run the Horn wire connector through the rectangle, use included grease on terminals, connect to switch and slide switch into dash.

Connect to OEM Dash Indicators - Note: The OEM Display Connector has power in it, disconnect the battery during installation.

There is a 2-wire harness that has green and yellow wires coming out of it. The Ranger uses the green and yellow wires to light the Arrows in the OEM instrument cluster.

- Unplug Connector – From the rear of the Instrument Cluster. Using a small screwdriver push in on both sides at the white connector shown below and slide the lock off exposing the pins.



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



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

12. Connect Power - 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.



13. 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.

14. Using the provided Cable Tie's secure the harness completely. Reinstall removed parts and reconnect battery.



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

XTC Power Products
A Division of XTC Motorsports LLC
380 E Comstock Dr
Chandler AZ 85225
480-558-8588

www.xtcpowerproducts.com

*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. R1

Copyright © 2024 XTC MOTORSPORTS LLC, all rights reserved.