



TSS-UNI-I UNIVERSAL TURN SIGNAL SYSTEM

Thank you for purchasing XTC Power Products Turn Signal System. This system is part of our Plug & Play™ product line and is a Universal fit to any vehicle with positive (12vdc) brake switch.

**For more details on installation along with model installation go to www.xtcinstall.com
Please read the instructions fully and familiarize yourself with the components before starting the install.**

1. **Locate the Rear Brake Light Wires** - Turn the key to the vehicle on and make sure the running lights are on. Go to the rear tail lights where there should be three wires coming out of each light, a ground, a power wire for the running light and brake light wire. Using a Test Light poke into each wire and locate the running light, note its color. Next have someone push on the brake and probe the other two wires to determine which one is the brake light wire, have your assistant push the brake multiple times to make sure you have located the correct wire, note the color and mark.
2. **Install Rear Light Harness** - Cut both the right and left brake wires leaving enough room to crimp butt connectors onto them. Strip the cut wires exposing 1/4". Take the short harness with the two cables coming out of it with pre-installed butt connectors and crimp the **Yellow** wire on to the brake wire going **into the left light**, crimp the **Orange** wire onto the brake wire going from the left light **back into the car** harness. Run the **Green** wire to the right tail light, crimp onto the right brake light wire **going into the light**. Crimp a provided cap on the right side harness wire that was not used that goes into the cars harness. Using a heat gun carefully heat all butt connectors to seal.
3. **Mount the Control Unit** under the dash or other suitable place using the supplied screws.

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.

4. **Install the two front LED lights** - Drill 3/4" holes in the front corners, 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.

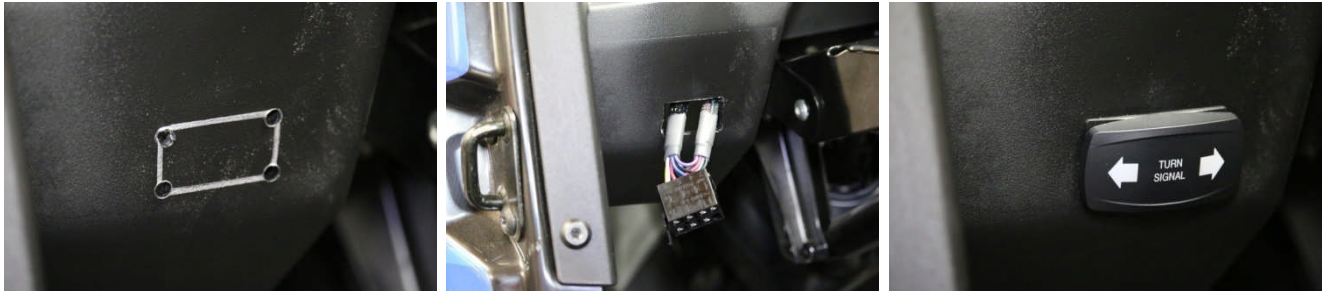


5. **Run the short front harness** from the front LED lights to the control box and plug into mating connector. The Green wire harness goes to the right/passenger side and the yellow wire harness goes to the left/drivers side. Both green and yellow wires are positive and go to the black wire on each side, 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.**

6. **Run the Rear Harness** - Attach the long harness to the previously installed rear light harness. Run the rest of the harness with the a male four pin connector 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 behind dash for Turn, Hazard and Horn switch's

7. **Install the Turn Switch** - Using the switch housing as a template, mark the rectangle for the switch and drill a hole in each corner, using an appropriate cutting tool cut out the rectangle. Install the switch mount into the cutout, run the switch connector through and attach the turn switch and insert into housing.



8. **Install Hazard and Horn Switch** - Drill a 3/4" hole for the hazard switch, make a notch in the hole for the index. Push hazard wires through to the switch, **Black wire to top bronze, Blue wire middle, and brown wire bottom**. Mark and drill a 13/16" hole in the dash to mount the horn button and attach the red and violet wires to it and insert into hole.



9. **Mount the Horn** -Pick a suitable place to mount the horn using the included hardware. Attach the purple wire from the front harness to the horn and attach the black ground wire to the other and run to chassis ground.
10. Run the red power wire to 12vdc battery and black wire to ground on the battery. If battery or power posts are not available, use the included T-Taps. Find 12vdc like the accessory power out and crimp the taps into the positive and negative wires, cut off the ring terminals, strip wire and crimp male slip connectors on. Insert the red wire with new connector into the previously installed taps, make sure the red goes to positive and the black goes to the negative.
11. Verify operation of all lights and secure the harness's with the provided cable ties.

For more details on installation go to www.xtcinstall.com

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

XTC Power Products
A Division of XTC Motorsports LLC
925 N McQueen RD. #101
Gilbert AZ 85233
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.