

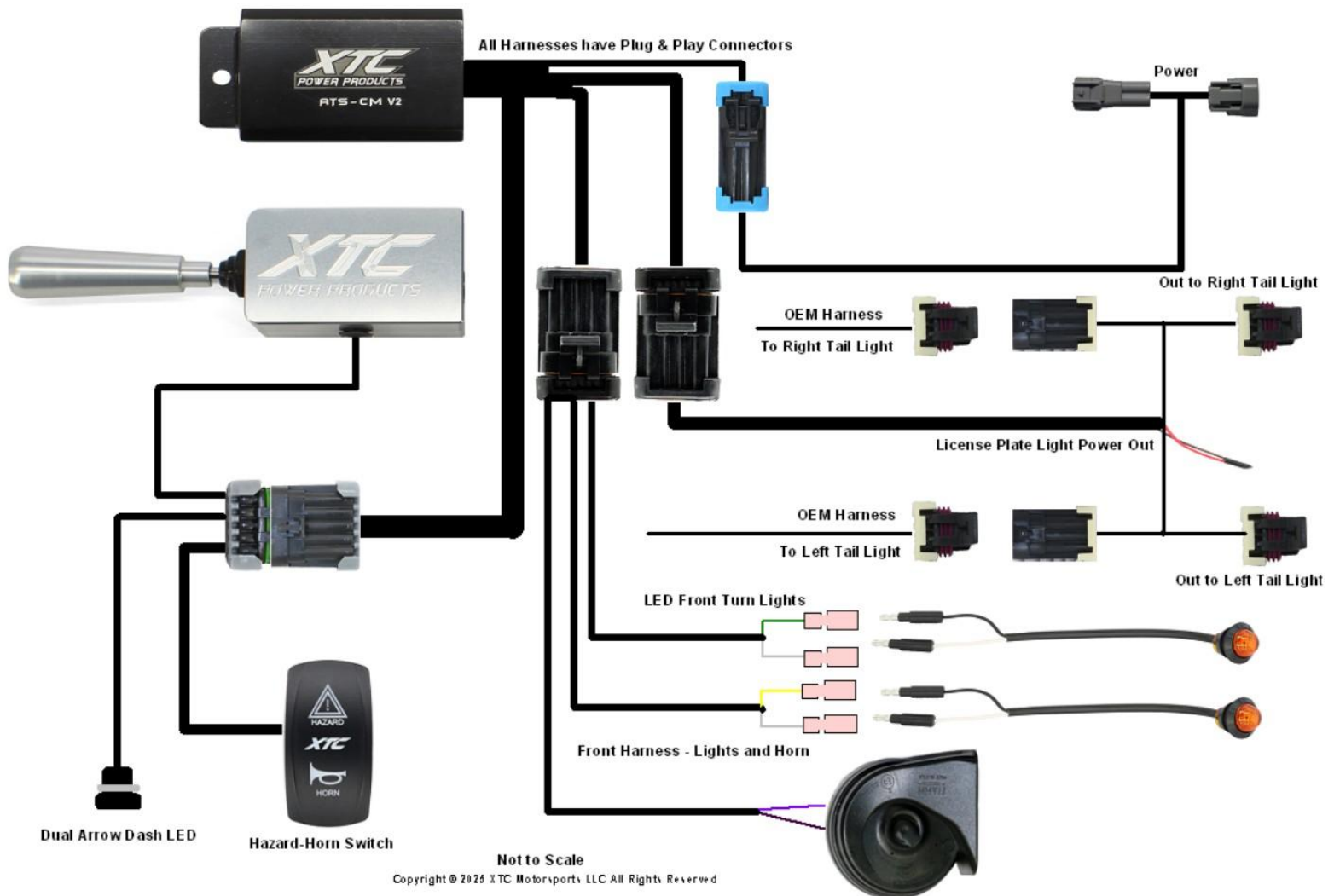


## Honda Pioneer Turn Signal System

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 only connecting power, ground and plugs into 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. Remember that these are basic instructions, and you can install it in other locations if needed.

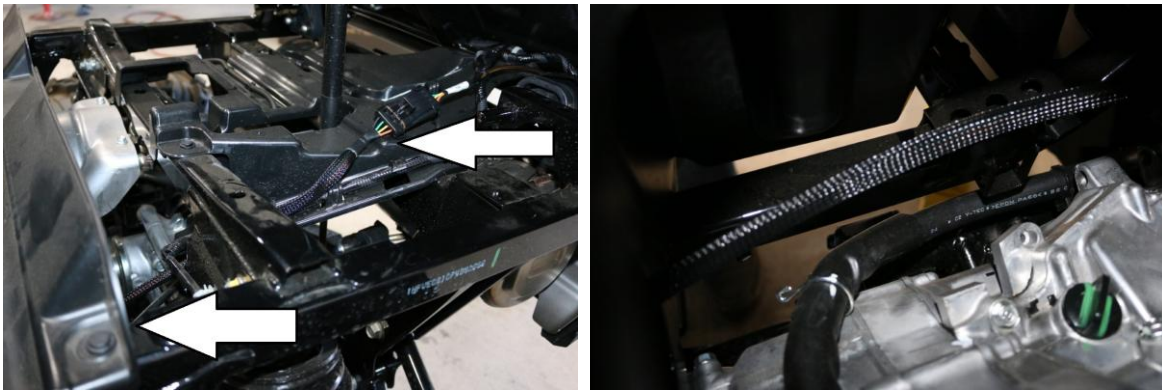
**NOTE:** When installing make sure that wires are run away from any hot or moving parts and properly secured.



1. Remove the hood, both taillights and the bottom skid plate.
2. Install Taillight Harness – Take the PPA TS-HON-1000 harness and push the 4-way connector from the rear into the engine compartment, run the 3-way interface with the yellow wire to the driver's side taillight, un-plug and plug it into the light and the cable into the harness. Run the 3-way with the green wire over to the passenger side and install in-line, there is a red and black wire to attach to the optional license plate light. Using the provided zip ties, secure the new harness to the factory wiring.



3. Unroll the long cable, TS-REAR-15EXT. Plug it into the rear harness just installed. From the rear harness run the long cable from the rear of the car to the front, keep it away from any **HOT or MOVING** parts.



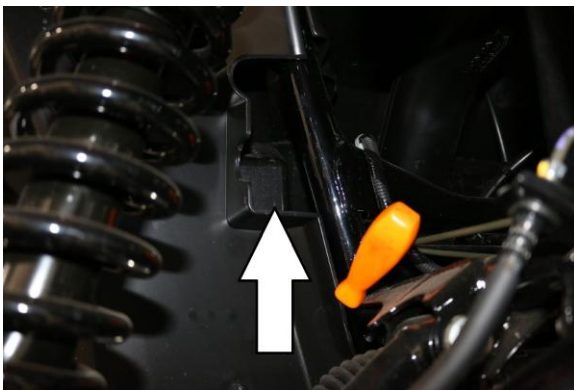
Take the 4-pin connector and run straight forward along the top of the engine compartment to the rear seat, follow the main wire harness across, wrap around it over to the passenger side then down to the chassis.



Run it along the frame where there is a hose and main wire harness, use the supplied cable ties to secure.



From the front use a long screwdriver(orange handle) or coat hanger as a guide to run along side the air tube up to the front, once there, at the arrow, feed it up inside the plastics.

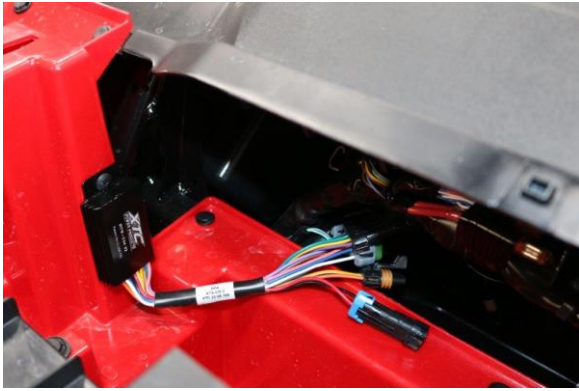


**WARNING!** Verify that there is clearance where you want to mount the front LED lights before drilling the holes!

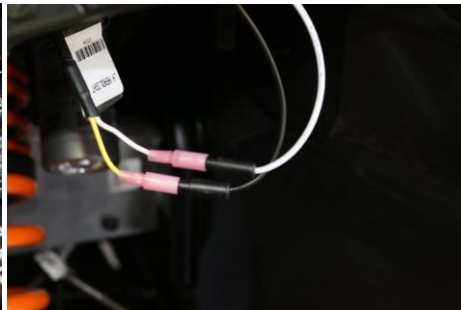
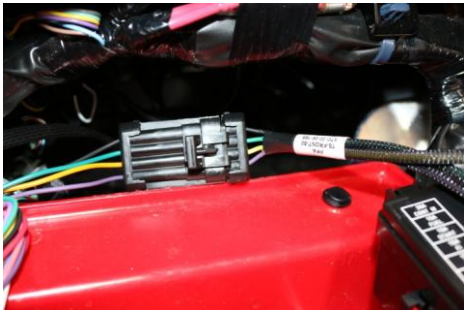
4. Front LED Turn Lights – The front LED Turn Indicators can be mounted with the rubber grommet or without. If the grommet is **not** being used drill 5/8" holes. If the grommet is being used drill 3/4" holes. Remove and install the rubber grommet from the LED into the hole if being used. Insert LED into the hole with the Top marking up. NOTE: the TOP marking is on the front of the LED lens. Drill and install the Front LED Lights.



5. Mount the ATS-CM module. Using the provided screw, mount the control module Shown above right.



6. Mount the Horn – Remove the bolt holding the battery strap and install the horn as shown. It can also be installed in other places using the self-tapping screws provided.
7. Install the Front Harness, TS-FRONT5-50 -Plug the front cable harness into the control module and run the cable with the Green and White wire to the right-side LED light, run the Yellow and White to the left side LED light, Green and Yellow wires go to the black wires on the LED, White to White, bring excess wire back toward the control module, secure wires with cable ties. Attach Horn wires, polarity does not matter.



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



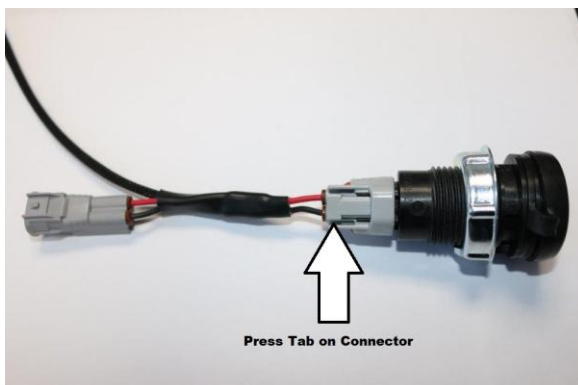
9. Run the Harness into the dash to the ATS-control module and plug in.



10. Remove the Horn/Hazard Switch from the harness. Remove one factory switch blank. Run the switch connector to the removed blank. Attach the switch and insert into dash. **Install Dash Indicator** – The LED can be mounted in a few places on the dash, **VERIFY** that there is clearance behind the dash before drilling, drill a ½" hole. Insert the LED making sure the arrows are right and left pointing, plug connector into the switch harness. Shown with a larger amber LED per customer request. Any low current LED light can be used.



11. Using Template- **CAUTION: Verify there is proper clearance behind dash for the switch before cutting!** Using the provided switch template, mark the rectangle for the Turn Switch and drill a hole in each corner, cut out the rectangle, do not over cut, trim carefully. Do the same for the Horn/Hazard Switch. Run the switch connectors through the cutout and grease the switch terminals on both sides and attach and insert into cutout.
12. Install the Power Harness. The power interface cable will be plugged in-line at the rear of the AUX Power Port on the dash. Reach down the firewall and remove the connector from the port by pushing on the TAB while pulling it off.



Picture for reference only, do not remove port.



Plug our connector on to the power wire, then plug into the Port.

13. Verify operation of all lights and secure all installed cables with supplied cable ties and re-install vehicle parts.

**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, they do not self-cancel.

We can be reached by email at [support@xtcpowerproducts.com](mailto:support@xtcpowerproducts.com)

XTC Power Products  
A Division of XTC Motorsports LLC  
380 E Comstock Dr.  
Chandler AZ 852258  
480-558-8588  
[www.xtcpowerproducts.com](http://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 © 2025 XTC MOTORSPORTS LLC, all rights reserved.