



Custom Dynamics® Smart Triple Play® Installation Instructions

We thank you for purchasing the Custom Dynamics® Smart Triple Play®. Our products utilize the latest technology and high quality components to ensure you the most reliable service. We offer one of the best warranty programs in the industry and we back our products with excellent customer support, if you have questions before or during installation of this product please call Custom Dynamics® at 1(800) 382-1388.

Part Numbers: GEN-SMART-TPU-RZRTRAIL

Package Contents:

- Smart Triple Play Module (1)
- Triple Play Adapter Harness (1)
- Instructions (1)

Fits: 2015-2020 Polaris RZR S 900, RZR S 900 Premium, 2015-2019 RZR 900, 2018 RZR S4 900, 2015-2017 RZR 4 900, RZR XP 1000, RZR XP 1000 High Lifter, 2016-2020 RZR S 1000, 2015-2018 RZR XP 4 1000, XP 4 1000 High Lifter, 2016-2018 RZR XP Turbo & RZR XP 4 Turbo models.

Compatible with Custom Dynamics Universal Mount PN: 2030-1090 (sold separately). Note: Not compatible with vehicles equipped with OE Ride Command



Installation:

1. Secure vehicle on a level surface. Disconnect negative battery cable from the battery.
2. Locate and unplug the 4 pin rear lighting harness connector to the taillights at the rear of the vehicle. Connector is typically located under the left side rear fender well.
Note: If you have an 8 pin connector you will not be able to use the Y-Harness Adapter and the License Plate Frame will need to be hardwired.
3. **Hardwired Applications only:** Determine the connection points to your vehicle's wiring and confirm the correct wires for running and ground. Refer to your service manual and/or use a test light to confirm. Connect the black wire to vehicle ground and the white wire to vehicle running light circuit or switched 12VDC power source. Skip step 4.
4. Plug the Y-Harness Adapter, inline, into the rear lighting harness connectors.
5. Mount License Plate Frame in desired location with the provided hard-ware. Notch the license plate and or any mounting surface to allow for wires to pass through, and ensure wires are protected from any sharp edges.
6. Route the License Plate Frame wiring towards the Y-Harness Adapter. Secure wiring properly with cable ties or other appropriate method. **Note:** Pinched, pulled, cut or frayed wires are not covered under warranty.
7. Install the provided Male JAE connector onto the License Plate Frame pre-pinned wires by pushing the pins into the connector ports. Pins should click in place and not pull back out of connector when installed correctly. The black wire goes into Port 1 and the white wire goes into Port 2.
8. Connect the Male JAE connector of the Plate Frame into the Y-Harness Adapter.
9. The Red wire with Posi-Lock is optional. It can be used to add the brake strobe feature on a third brake light. Attach the Red wire to the brake wire of the third brake light.
10. Reconnect the negative battery cable and reinstall any panels needed to access wiring.
11. Test operation of all lighting before operating the vehicle.



Please read all Information below before Installation

Warning: Disconnect negative battery cable from battery; refer to owner's manual. Failure to do so may result in electrical shock, injury, or fire. Secure negative battery cable away from positive side of battery and all other positive voltage sources on vehicle.

Safety First: Always wear appropriate safety gear including safety glasses when performing any electrical work. It is highly recommended that safety glasses be worn throughout this installation process. Be sure vehicle is on level surface, secure and cool.

Important: For this system to be legal you must use RED rear turn signal lamps.

Important: Remove any existing Run-Brake-Turn or similar modules prior to installing this unit.

Caution: Never install a trailer adapter, trailer harness or trailer controller downstream of this unit, a trailer adapter, harness or controller must be installed on the input side of this unit.

Caution: This unit is designed for a maximum load of 27 watts per channel. Do not exceed 27 watts per left turn signal output, 27 watts per right turn signal output, and 27 watts per brake signal output. Overloading unit could cause damage to the unit and cause the unit to malfunction.

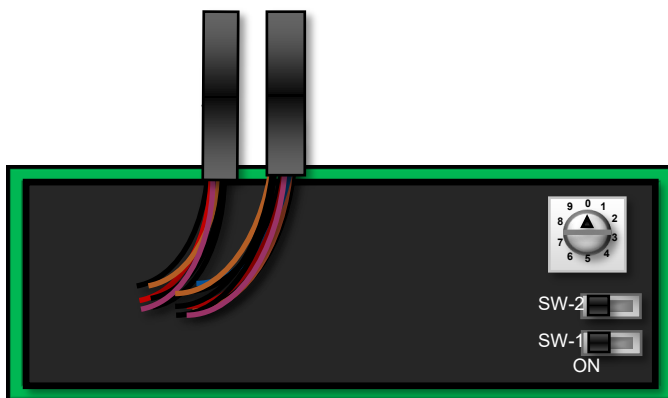
Important: Module must be secured after installation. Find safe area away from any moving parts and out of the way of normal operation of the bike. Use cable ties, tape, or other means to secure. Custom Dynamics is not liable for damage to the module or the bike as a result of improperly securing the module.

Questions? Email: info@CustomDynamics.com or Call us at: 1 (800) 382-1388 M-TH 8:30AM-5:30PM / FR 9:30AM-5:30PM EST

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Initial Setup & Operation

12. Locate the two switches and rotary dial. Be sure the rotary dial is set to position 0. Note there is a screw driver slot to make the dial turn easier, this is not the pointer, there is a small arrow on the dial, this is the pointer that should now be at position 0. Be sure Switch 1 and Switch 2 are both in the ON position. (See Diagram below)
13. Turn the ignition key on and check operation as follows:
 - Running Lights: Turn Signals and Taillight are now illuminated dimly.
 - Apply Right Turn Signal and check operation of right turn signal, should flash off to bright. Disable turn.
 - Apply Left Turn Signal and check operation of left turn signal, should flash off to bright. Disable turn.
 - Apply Brake Light. Check to see that all 3 lights flash 4 times then remain bright.
 - Apply Left Turn Signal then Apply Brake, Check to see that Only Center Light Flashes 4 times then remains bright.



GEN-SMART-TPU-RZR2

Program Turn Signal Intensity

14. The Smart Triple Play® allows you to program the running light brightness of the turn signals so they are a match to your center taillight. You can also select to utilize brake/turn functions only (no running). To enter the modules program mode:
 - Turn ignition key off, be sure Switch 1 and Switch 2 are in the OFF position and the Rotary Dial in in the 0 position.
 - Turn ignition key on, immediately turn Switch 2 On-Off-On. Turn Switch 1 On-Off-On. Do not depress Brake or Turn Signals during this action.
 - The turn signals should now fade up and down slowly, do not proceed unless this confirmation takes place.

Opt 1 - Turn the rotary dial clockwise to increase the brightness of the running lights, 0-being the dimmest setting and 8-being the brightest. Match the running light brightness to the taillight. Once happy with the setting, press and hold the brake for a couple of seconds. The setting will now be saved.

Opt 2 - To disable the run function and receive only brake and turn signal function on the rear turn signals, turn the rotary dial to 9. Press and hold the brake for a couple of seconds. The setting will now be saved.
15. Turn ignition key OFF and set switches for desired strobe operation.

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Strobe Operation Menu

Switch Functions:

Switch 1 On, Switch 2 On: Strobes/Flashes on all three Rear Lights

Switch 1 On, Switch 2 Off: Strobes/Flashes on rear turn signals only

Switch 1 Off, Switch 2 On: Strobes/Flashes on center light only

Switch 1 Off, Switch 2 Off: No Strobes/Flashes

Dial Strobe Functions: (Note that Patterns 0-3 are compatible with incandescent bulbs) See Diagram on page 3.

Flash Pattern Information:

