

Custom Dynamics® Smart Triple Play® Installation Instructions



Part Numbers

CD-STP-RZRTRAIL

Patent

US Patent: 8,588,997 B2

Package Contents

Custom Dynamics® Smart Triple Play® Module (1)
Smart Triple Play® Adapter Harness (1)
6" Cable Ties (10)
Instructions (1)



Fitment

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 and RZR XP 4 Turbo models.

Important

Not compatible with vehicles equipped with OE Ride Command.

Suggested Tools

Safety Glasses
Small Phillips Screwdriver

Installation

Warning

Rider and passenger safety depend upon the correct installation of this kit. Use the appropriate service manual procedures. If the procedure is not within your capabilities or you do not have the correct tools, have a qualified technician perform the installation. Improper installation of this kit could result in death or serious injury.

1. Disconnect negative battery cable from the battery.
2. Locate and unplug the rear lighting harness 4-pin connector to the taillights. Connector is located under the left side rear bed rail. If you have an 8-pin connector you will not be able to use the CD-STP-RZRTRAIL module.
3. Plug the Smart Triple Play® Adapter Harness, in-line, into the rear lighting harness connectors.
4. Connect the Smart Triple Play® Module to the installed Smart Triple Play® Adapter Harness.
5. If installing with a CD-ATC-6 module (**sold separately**), connect the connector of the CD-ATC-6 turn signal output harness to the connector of the Smart Triple Play® Adapter Harness.
6. If not installing with a CD-ATC-6 module, Remove the 4-position JAE connector from the Smart Triple Play® Adapter Harness and hardwire to the left and right turn signal circuits. Connect the violet wire of the adapter harness to the left turn signal circuit. Connect the brown wire of the adapter harness to the right turn signal circuit.
7. 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.
8. Secure wires with the supplied Cable Ties to prevent the wires from becoming cut, frayed, or pinched.
9. Reconnect the negative battery cable and reinstall any panels needed to access wiring.

Questions? Email: Info@CustomDynamics.com or Call us at: 1(919)554-0949 M-TH 8:30AM-5:30PM, F 9:30AM-5:30PM EST

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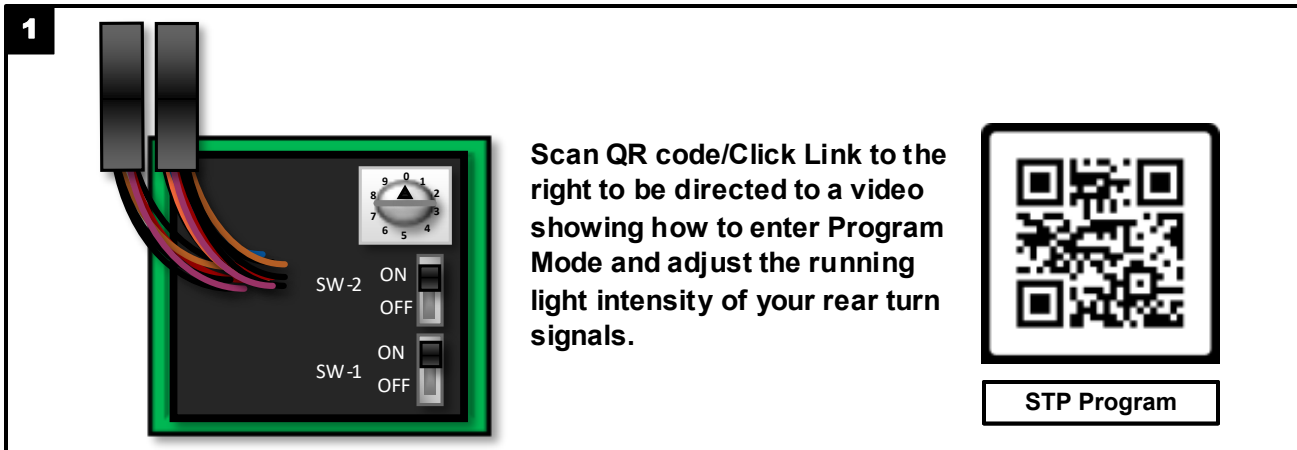
10. Test the Custom Dynamics® SMART Triple Play® for proper operation.

Initial Setup and Operation

Important

SW-1 and SW-2 should be maneuvered by hand only. Do not use any tool such as a screwdriver that could damage waterproof covers. Use a small Phillips screwdriver to maneuver the rotary dial.

11. Locate the two switches and rotary dial. Be sure the rotary dial is set to position 0. 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. Shown in **Figure 1**.
12. Turn the ignition key on and check operation as follows:
- Running Lights: Turn signals and taillight should now be illuminated. If your rear turn signals are not illuminating as a running light, or you would like to change the brightness, please refer to Step 13.
 - 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 and check to see that all 3 lights flash 4 times then remain bright.
 - Apply left turn signal then apply brake and check to see that only center light flashes 4 times then remains bright.



Program Turn Signal Intensity

13. The Smart Triple Play® allows you to program the running light brightness of the turn signals. 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 is 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.
 - The turn signals should now fade up and down slowly, do not proceed unless this step is confirmed.
- Option 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 satisfied with the setting, press and hold the brake for a couple seconds. The setting will now be saved.
- Option 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 seconds. The setting will now be saved.
14. Turn ignition key OFF and set switches for desired strobe operation.

Strobe Operation 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.

Note

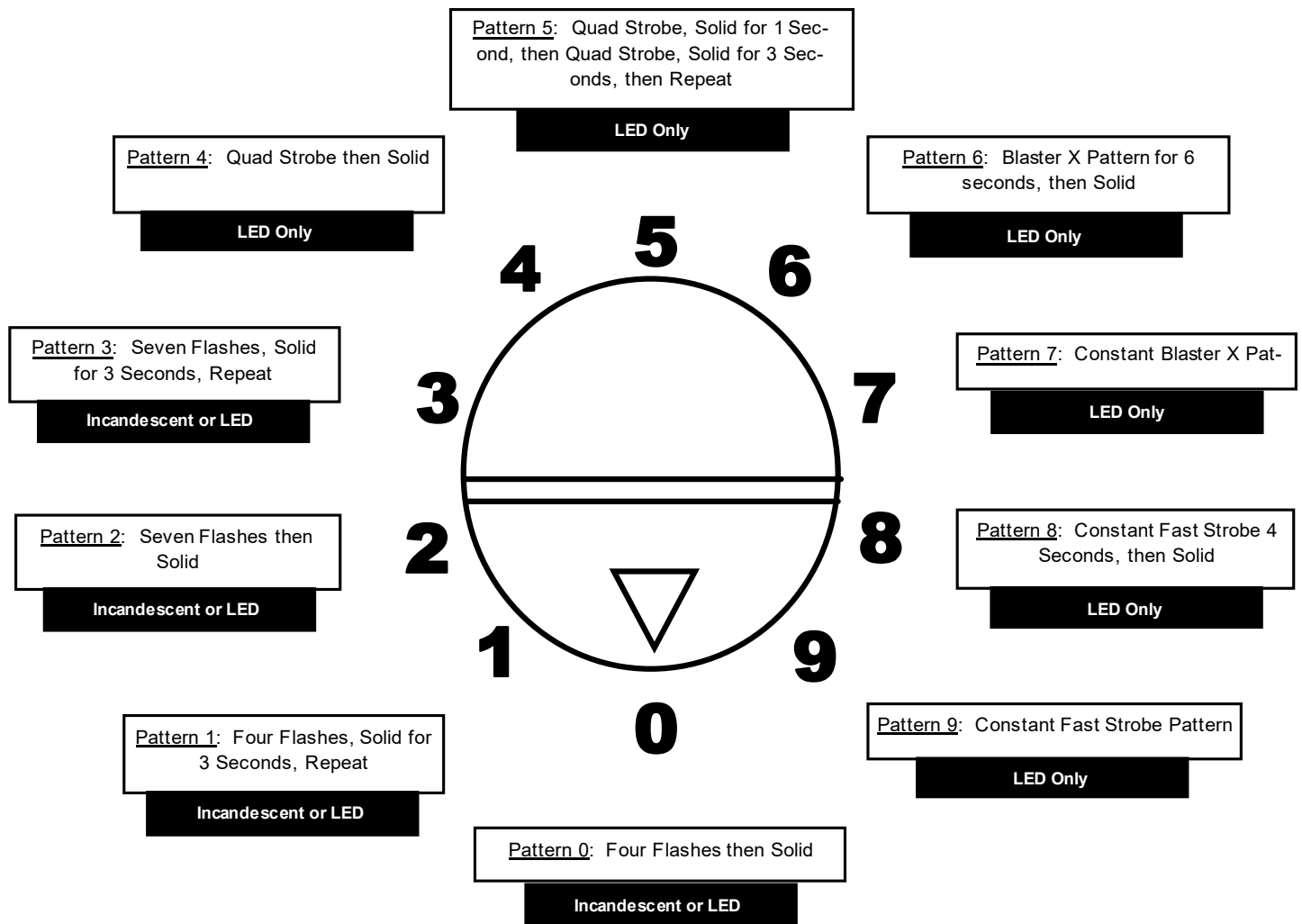
Patterns 0-3 are compatible with incandescent bulbs. Shown in **Flash Pattern Diagram**.

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15. Turn ignition key on and test operation based on your switch settings. Once programming is complete, reinstall the seat and all necessary parts. Installation is complete.

Flash Pattern Diagram



Caution

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

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.

