



Custom Dynamics® Smart Triple Play® Installation Instructions

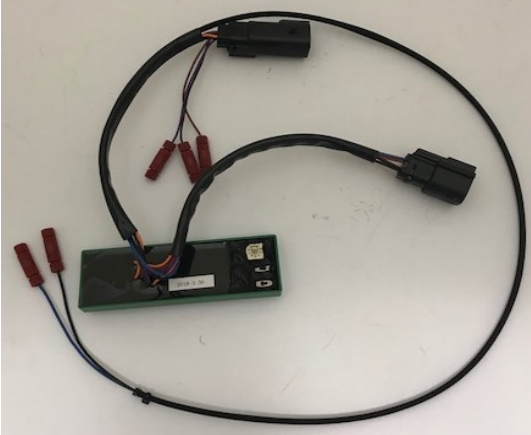
We thank you for purchasing the Custom Dynamics® Smart Triple Play®. Our products utilize the latest technology and high quality components to ensure you the most reliable service. We offer one of the best warranty programs in the industry and we back our products with excellent customer support, if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

Part Number: GEN-SMART-TPU-14CVO

Package Contents:

- SMART Triple Play® Module with Posi-Lock™ Connectors
- Instructions

Fits: Fits: 2014-2020 Harley-Davidson® CVO™ Street Glide® (FLHXSE), 2014 CVO™ Road King® (FLHRXSE) and 2018-2020 CVO™ Road Glide® (FLTRXSE) with OEM LED Panels.



Installation:

Note: The Smart Triple Play® will cause the BAGZ™ and OEM LED Panels to have a full contrast turn signal flash and to flash/strobe when the brake is applied.

1. Secure motorcycle on level surface. Disconnect negative battery cable from the battery. Locate the rear lighting harness connector or under the seat.
2. Plug the Smart Triple Play® Module, in-line, into the rear lighting harness under the seat. The MPR-BCM-PLUG plug and play adapter that is packaged with the BAGZ™ is **NOT** used during this installation.

Note: Refer to the Wiring Diagram on page 2 for steps 3-5.

3. Cut and remove the 3 pin plug from each LED BAGZ™ light to expose the black, yellow, and brown (right side) or purple (left side) wires. Cap off the yellow wire from each BAGZ™ light.
4. Connect the pigtail output wires from the Smart Triple Play® using the supplied Posi-Lock™ connectors to the exposed black and brown (right side) or (left side) purple wires on the Custom Dynamics® BAGZ™ LEDs.
5. Connect the brown wire to the right side (brown) LED high wire [+]. Connect the purple wire to the left side (purple) LED high wire [+]. Connect the black wire of left side LED neg. and the right side LED neg. to the [-] black wire of the unit.
6. Locate the license plate light harness under the seat as shown in Picture 1.



ATTENTION



Please read all warning Information before Installation

Important: This system is designed to work with Custom Dynamics® BAGZ™ LED Lights only. They will not work with any Amber/Red saddle bag lights.

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: Dial and switches should be maneuvered by hand only. Do not use any tool such as a screwdriver that could damage waterproof covers.

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 Tie-wraps, tape, (not included) 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.



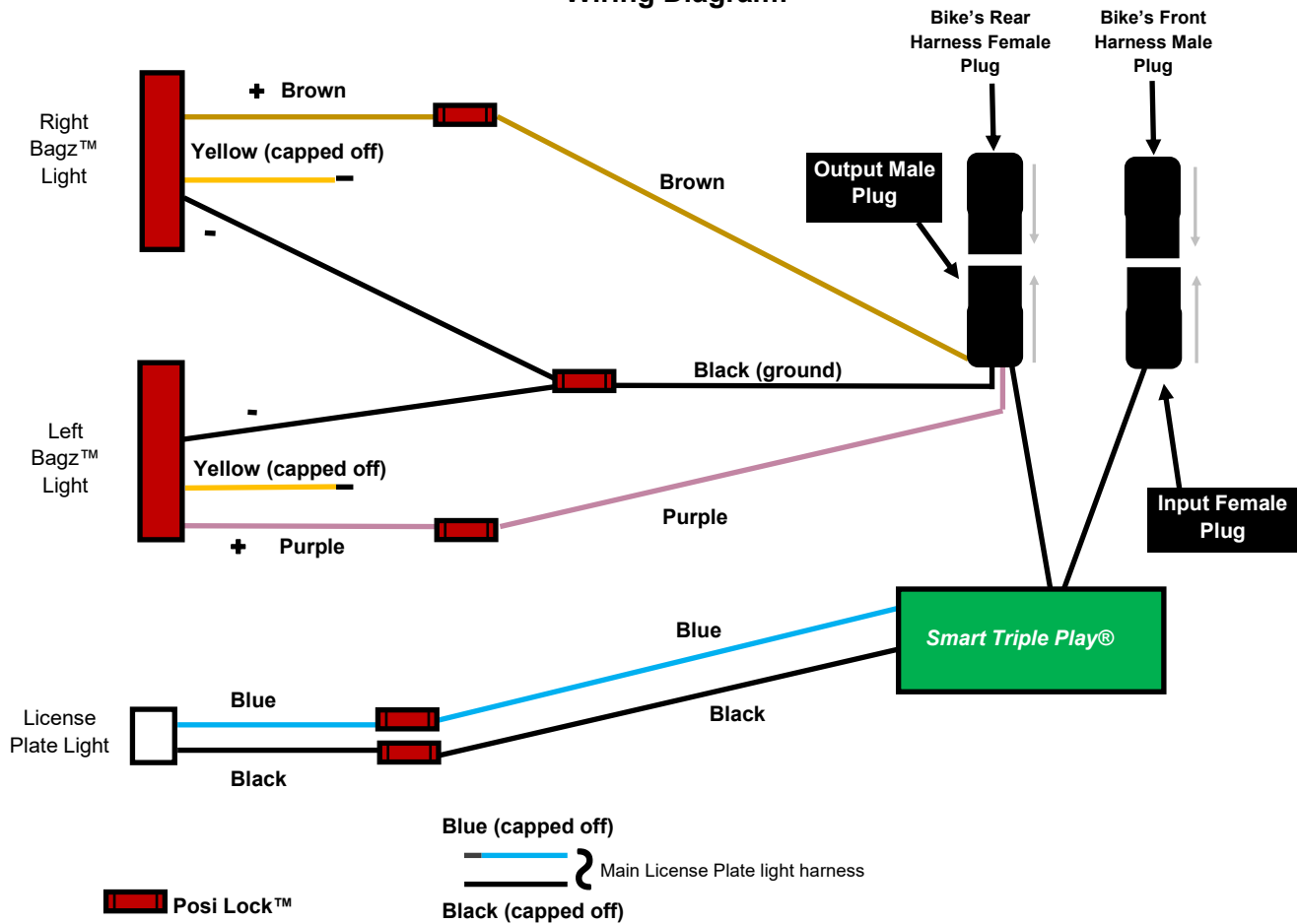
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7. Cut the license plate light harness and connect the Blue and Black wires with the Posi-Lock™ installed on the Smart Triple Play® to side of the license plate harness going to the license plate light. Cap off the other side of the license plate harness wires with heat shrink and tuck it into factory conduit as shown in Picture 2.
8. Re-connect the battery's negative battery cable to the battery.
9. Locate a secure place for the Smart Triple Play® unit that will not interfere with the secure placement of the seat or side cover. Secure with tie-wraps, tape or other means so the unit will not move.
10. Program Smart Triple Play® and select desired brake strobe pattern. See Programming Instructions on page 3.
11. Test for proper run, brake and turn function.



Wiring Diagram:



Testing for Proper Operation:

1. Locate the two switches and rotary dial on the Smart Triple Play® module. Be sure the rotary dial is set to position 0. There is a small arrow on the rotary 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.

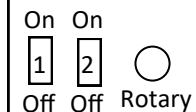


Diagram - Module Controls

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- 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.

Program Mode:

- The Smart Triple Play® allows you to program the running light brightness of the of all rear lighting. 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 Turns Signals during this action.
 - The turn signals should now fade up and down slowly, do not proceed unless this confirmation takes place.
 - Turn the rotary dial clockwise to increase the brightness of the running lights, 0-being the dimmest setting and 8-being the brightest. Once happy with the setting, press and hold the brake for a couple of seconds. The setting will now be saved.

Note: Do not use setting 9 (Program Mode). Setting 9 is used for **engineering purposes** only and will not change the brightness of the running light.

- Turn ignition key OFF and set switches for desired Operation.

Program Menu:

Switch Functions:

Switch 1 On, Switch 2 On: Strobes/Flashes on Bagz™ & Panel Taillights

Switch 1 On, Switch 2 Off: Strobes/Flashes on Bagz™ only

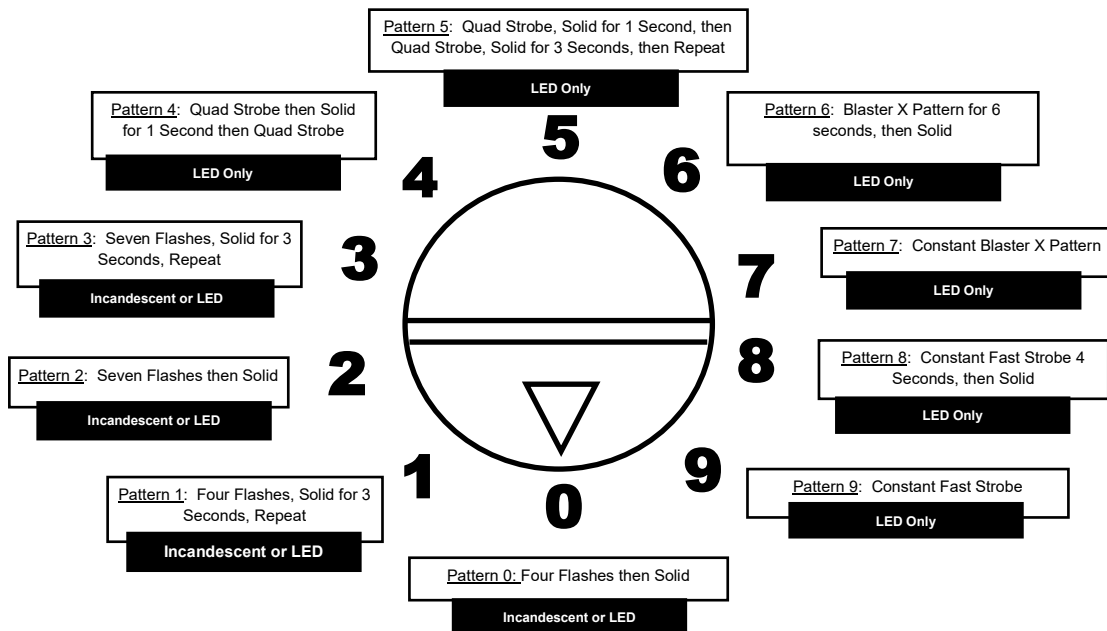
Switch 1 Off, Switch 2 On: Strobes/Flashes on panel taillights only

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

Test & Finish:

- Turn ignition key on and Test Operation based on your desired switch settings. Once programming is complete, re-install the seat. Installation is complete.

Flash Pattern Information:



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