

Custom Dynamics® Smart Triple Play® Installation Instructions



Part Numbers

CD-STP-HD

Package Contents

Custom Dynamics® Smart Triple Play® Module (1)
Adapter Harness (2)
6" Cable Ties (6)
Instructions (1)



Fitment

1999-2003 Harley-Davidson® Sportsters®, 1997-2011 Dynas® (Except 2009-2011 FXDB, 2010-2011 FXDWG), 1996-2010 Softtails® (Except 2008-2010 FXCWC, 2010 FLSTSE2), 1997-2013 Touring (Except 2010-2013 FLHX, 2010-2013 FLTRX, 2010-2012 FLHXSE2, 2012-2013 FLTRXSE, 2013 FLHRSE5, 2013 FXSBSE). 2011-2017 Harley-Davidson® Softtails® (Except FLFXCWC, FXS, FLS, FXSBSE) 2012-2017 Dynas® (Except FXDB, FXDWG). Does Not Fit H-D™ Trikes.

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. Remove all necessary parts to disconnect the negative battery cable from the battery.
2. Locate and unplug the rear lighting connector to the rear fender.
3. Plug the Custom Dynamics® Smart Triple Play® module, in-line, into the rear lighting harness and into the motorcycles wiring harness.
4. Reconnect the negative battery cable to the battery.
5. Locate a secure place for the Custom Dynamics® Smart Triple Play® module so the rotary dial can be accessed and that will not interfere with the secure placement of the seat or side cover. Secure with the supplied Cable Ties to keep the wires from being cut, frayed or pinched.

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

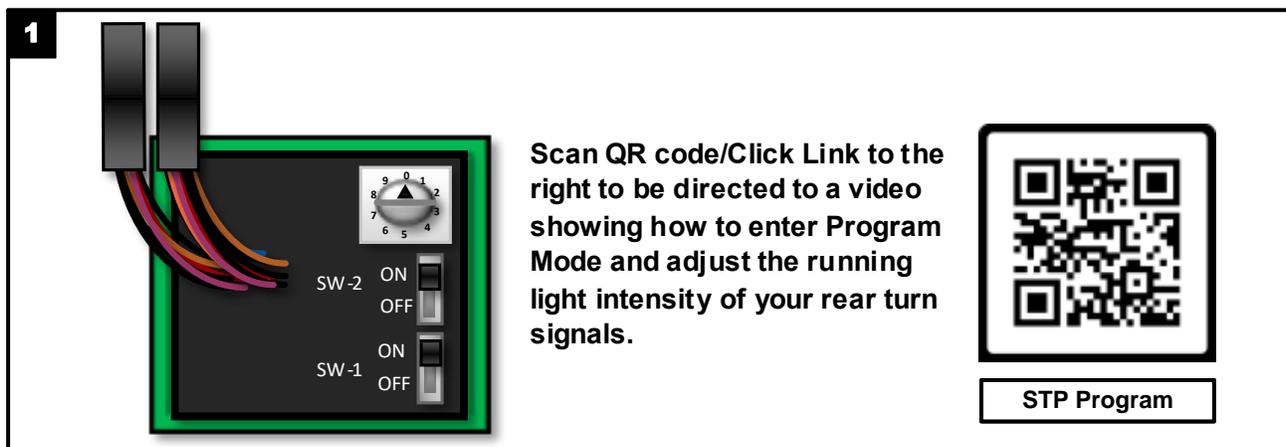
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Initial Setup and Operation

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.

6. 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**.
7. 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 9.
 - 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

8. The Smart Triple Play® allows you to program the running light brightness of the turn signals so they match the brightness of your center taillight. You can also select to have the turn signals operate as brake/turn only with no running light.
 - 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. Then turn Switch 1 On-Off-On. Do not depress Brake or Turn Signals during this action.
 - The turn signals should now slowly fade from dim to bright, do not proceed unless this confirmation takes place.
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 happy with the setting, press and hold the brake for a couple of 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 (output brown and violet wires), turn the rotary dial to 9. Press and hold the brake for a couple seconds.
9. Turn ignition key OFF and set switches for desired strobe operation.
10. Clear DTC's (Diagnostic Trouble Codes)(Only clear DTC's if this feature is applicable).
 - Press and hold the trip odometer reset switch located on the left handlebar control, while turning the IGN ON.
 - Release the trip odometer reset switch when "DIAG" appears on the ODOMETER DISPLAY.
 - Press and release the trip odometer reset switch until "TSSM" is displayed on the odometer display. "TSSM Y" = Yes DTC set. "TSSM N" = No DTC set.
 - If "TSSM Y" is displayed, press and hold the trip odometer reset switch until the code is displayed and release.
 - Press and hold the odometer reset switch while the DTC is displayed until "CLEAR" appears on odometer display.
 - Turn the IGN OFF to exit the diagnostic mode.

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Strobe Operation Switch Functions

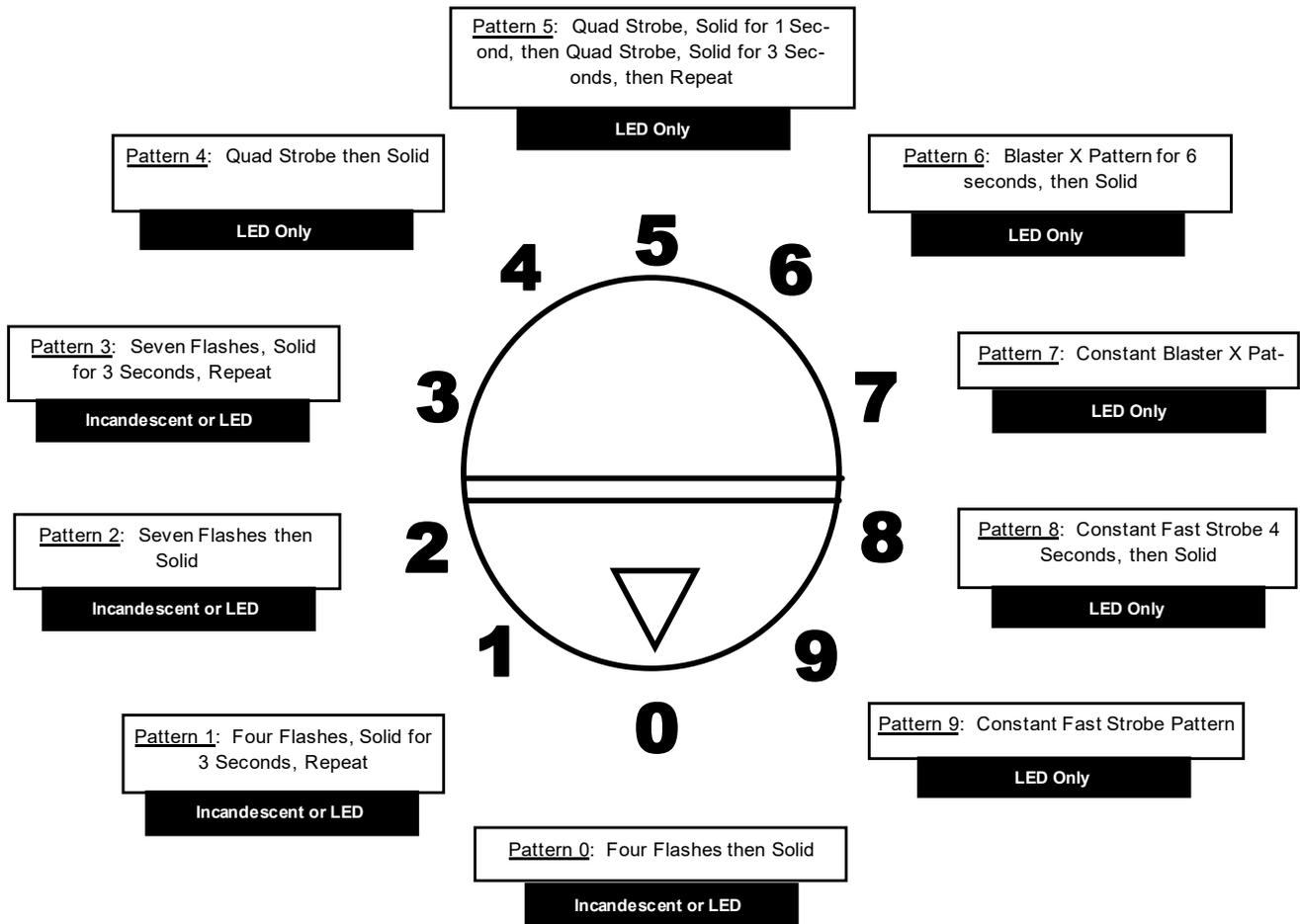
- Switch 1 On, Switch 2 On: Strobes/Flashes on all three Rear Lights.
- Switch 1 On, Switch 2 Off: Strobes/Flashes on rear turn signals only.
- Switch 1 Off, Switch 2 On: Strobes/Flashes on center light only.
- Switch 1 Off, Switch 2 Off: No Strobes/Flashes.

Note

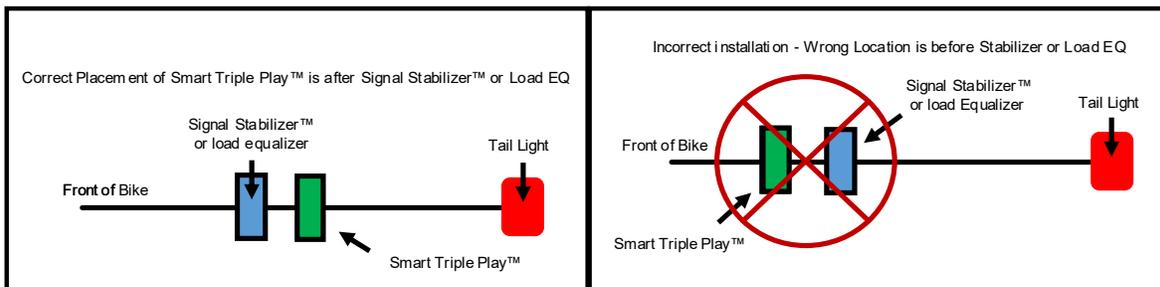
Patterns 0-3 are compatible with incandescent bulbs. Shown in **Flash Pattern Diagram**.

11. Turn ignition key on and Test Operation based on your desired switch settings. Once programming is complete, reinstall the seat and all necessary parts. Installation is complete.

Flash Pattern Diagram



Module Placement (If CanBus model not applicable)



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