



MOTORCYCLE LIGHTING

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Turn Signal Learn Procedure:

Eligible Models: 2011-Up Softail®, 2012-Up Dyna®, 2014-Dresser & Sportster® models.

The Turn Signal Learn Procedure is a simple “test” that Harley Davidson® has in place to eliminate rapid flashing indicator lights when switching from incandescent bulbs to aftermarket LED’s. The cause of this issue is due to the bikes BCM sensing a change of amperage when turn signals are swapped out.

With the bike powered off, remove the original bulbs and install your new LEDs. Turn the bike on and test functionality to ensure the indicator lights are not rapid flashing. If so, perform the attached procedure.

WARNING!

Earlier models/Non CAN/Bus motorcycles will need the use of a Badlands Load Equalizer in order to prevent rapid flashing turn signals and this procedure does not apply.

WARNING!

When performing the Learn Procedure, do NOT press both turn signal buttons at the same time to activate the hazard feature, there is a dedicated hazard button on the right side handlebar switch housing.

Turn Signal Learn Procedure

1. Turn your bikes ignition switch to the “on” position but do not start the bike.
 2. Press the hazard switch on the right side handlebar switch controls. This will activate the hazard flashing function all (4) turn signals.
 3. Once the hazard function has been activated, turn off the ignition switch and allow the hazard lights to flash.
- NOTE: If your bike has the OEM security alarm, it is normal for your signals to flash 5 or 6 times then pause before restarting a normal hazard flashing mode.
4. Allow the hazard light function to operate for a minimum of 2-minutes.
 5. After the 2-minutes are up, turn the ignition switch back to the “on” position.
 6. Once the ignition switch is “on”, you can now turn off the hazard switch.
 7. Now turn “off” the ignition switch then right back to the “on” position.
 8. This completes the Learn Procedure.

NOTE: Be sure to check the functions of the left and right side turn signals and indicator lights. If the indicator lights are still flashing rapidly there is a good chance the LED’s you have purchased are **not** CAN/Bus compliant and a Badlands Load Equalizer will be needed. When you check for codes, you will see if the front, rear or both signals are causing the issue.

Here is the list of codes you could see:

- B2141: Left front turn signal output open**
- B2146: Right front turn signal output open**
- B2151: Left rear turn signal output open**
- B2156: Right rear turn signal output open**