



Custom Dynamics® Technical Bulletin Clearing Diagnostic Trouble Codes (DTCs)

Harley-Davidson customers on canbus electrical system models while installing Custom Dynamics® LED turn signals in place of incandescent bulbs, may experience a DTC (diagnostic trouble code) on the dash of some models. After proper operation of the turn signals are confirmed, the DTC will need cleared from the system. The information contained below is specifically for clearing only the codes listed below:

Note: Before clearing any codes, confirm that the LED Turn Signal inserts illuminate and flash correctly.

Diagnostic Trouble Codes (DTCs)

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

Procedure

1. To enter diagnostic mode, press and hold the trip odometer reset switch located on the left handlebar control, while turning the IGN ON.
2. Release the trip odometer reset switch when “DIAG” appears on the ODOMETER DISPLAY.
3. Press and release the trip odometer reset switch until “BCM” is displayed on the odometer display. “BCM Y” = Yes DTC set. “BCM N” = No DTC set.
4. If “BCM Y” is displayed, press and hold the trip odometer reset switch.
5. If any DTCs (diagnostic trouble codes) are stored in the module, the odometer will display the DTC. Quickly pressing and releasing the trip odometer reset switch will cycle through the stored DTCs.
6. When all the DTCs have been cycled the odometer will display “END”. Continue to quickly press and release the trip odometer reset switch to cycle through the DTCs again.
7. To clear the DTCs listed above, press and hold the odometer reset switch while the DTC is displayed until “CLEAR” appears on odometer display.
8. Press and release the trip odometer reset switch again to continue to the next module. Repeat for any other code listed above.
9. Turn the IGN OFF to exit the diagnostic mode. Wait for any security lights to flash and repeat the procedure to ensure that the DTCs have been cleared.