

POLARITY TESTING FOR CUSTOM'S

If you are installing on a Custom bike, you need to do a quick relay polarity test prior to installing the Digital Guard Dawg™ system. This is important because occasionally some Custom's have their starter relays wired in reverse of what the relay manufacturer specifies. Damage to the systems Smart Relay could occur if installed with the bikes polarity reversed. It is an easy process to confirm the polarity of the relay socket on your bike. Simply follow the instructions below:

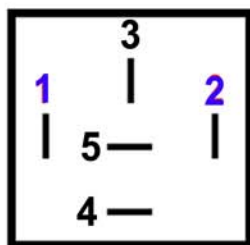
View the Diagram. Use a test light to determine which slot of the relay socket receives power when your Start Button is pushed. With the relay socket oriented as shown, turn the Ignition "ON" and depress and hold the "Start" button. Test both slot (1) then slot (2) for power. **Only Slot (1) should have power when depressing the start button.** If slot (2) indicates power when testing, visit our "Installation" page at www.digitalguarddawg.com and view document "[Correcting Reversed Polarity](#)".

**** Note: Either Slot 3 , 4 or 5 will also show power at the moment the Ignition is turned on, but this is not important to this test.*

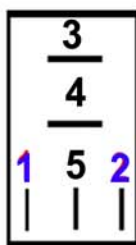
Some Custom bikes have NO Relay Socket; On Customs that have the Starter Relay wired with only loose terminals and no Relay Socket whatsoever, pay extra close attention to the way the existing relay is wired as you remove it and be sure to confirm polarity as discussed above. If the polarity is correct, install the Digital Guard Dawg™ Smart Relay in the same manner as the original.

Relay Socket Polarity Diagram 1

Type 1
Relay Socket



Type 2
Relay Socket



Got a Question?

Call one of our techs at

916-337-1040

Mon-Sat 8-5 pst.

for assistance.

THIS IS THE VIEW OF THE "SOCKET" NOT THE RELAY