

# Injectronics

Remanufactured Automotive Electronics Components

## TECHNICAL BULLETIN

**Document number: T0031**

*For further technical information regarding testing, repairs or to search for New or Remanufactured Automotive electronic products, please visit [www.injectronics.com.au](http://www.injectronics.com.au), call our office on (+613) 8792 6999, or email [sales@injectronics.com.au](mailto:sales@injectronics.com.au)*

**Make: Ford**

**Model: Falcon EA CFI**

**Subject: Engine run on fix**

Injectronics have had several calls in the past regarding EA CFI engines running on when the ignition is switched off. This has been found to be the result of the power relay being activated for 2 - 3 seconds after shut off to allow the idle control motor to reset. The power relay continues to power the injectors and fuel pump relay, which are both still being operated by the ECM.

To fix this problem, it is necessary to re-wire the relays so that the power to the injectors and the fuel pump relay is cut from the power relay and connected to the ignition switch.

1. Disconnect battery
2. Remove air cleaner and hot air tube
3. Disconnect ECM power and fuel pump relays (behind right hand lamp)
4. Pull wiring clear of battery tray
5. Cut red / black wire from fuel pump relay several inches from relay connector
6. Tape loom end of wire
7. Slice and solder red / black wire from fuel pump relay into uncut red / green wire to power relay (insulate with tape)
8. Locate the engine sub-loom connector near the left firewall
9. Cut the red / black wire several inches before the connector and tape the wire end still in the loom
10. Install a new wire in the engine compartment loom, soldering one end to the red / black wire coming from the sub loom connector (insulate with tape)
11. Splice and solder the other end of the new wire into the uncut black / yellow wire from the fuel pump relay (insulate with tape)
12. Re install loom, relays, air cleaner etc.

For a detailed wiring diagram please call Injectronics.

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