

Tat's a fact

problem solving

HOLVX02418
HOLDEN
VX COMMODORE
2-2002
5.7 Ltr V8



Customer complaint

Vehicle cutting out while driving. Unable to restart. Customer had two fuel pumps installed in three weeks.

Problem summary

After driving approximately 20 minutes, vehicle would stall and not restart. After testing fuel pressure and flow, the fuel supply to the engine was insufficient to keep the vehicle running.

Diagnostic sequence

After confirming poor flow and pressure, accessing the fuel pump was not easy as no access panel is available. Dropping down the fuel tank is necessary to gain access to the fuel pump electrical connections.

After testing voltage supply and current flow to the pump, it was noted that after a period of time both voltage and current dropped to the point of pump shut-down.

Fault description

Tracing fuel tank harness back towards the vehicle harness an additional connection was found near the fuel filter [1].

On testing voltage at this connector, it was found that the voltage drop was within the linking harness to the fuel tank.

As seen in Pics [2 & 3], the result of high current flow (previously replaced faulty pump) damage is done to the pins in both the pump connector and the additional main harness connector.

Fault solution

Replacement of both the main pump assembly and the linking harness.

Linking harness Part No. 92110191

Pump and sender unit Part No. 92158012

Recommended time

Labour time was three hours, taking into account research time, location of parts and actual time spent fixing the problem. Add further time if fuel pump is being changed as well.

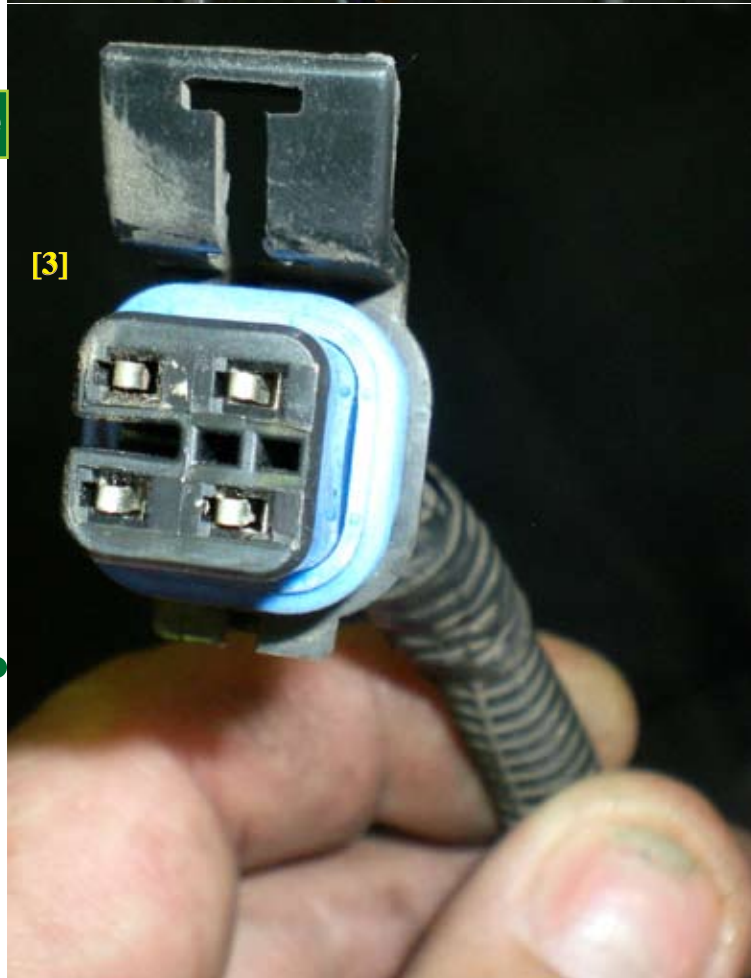
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Whenever replacing fuel pumps on any vehicle, we strongly recommend a thorough inspection of any wiring connectors or plugs, at or within the fuel tank.

1999 to 2002

The AU, EF and EL have a service light in the shape of a spanner in the instrument cluster. The light can be reset by following this procedure after servicing.

- 1 Ignition on, engine off
- 2 Press and hold down the trip meter reset button for approx 10 seconds
- 3 When it beeps, release the trip button
- 4 Switch off the ignition
- 5 Service light should not illuminate



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Service light reset

Ford Falcon AU-AU 11