

*Inj*ectronics

TECHNICAL BULLETIN

HOLDEN – COMMODORE VL

#T0106

Make: Holden

Model: Commodore VL 3.0L

Subject: Engine hard to start cold

TEST: Check there is approximately 10 volts at pin 9 (start signal input) during cranking.

FAULT: There is a resistor located in the wiring harness between the starter motor solenoid & ECM.

The ECM uses the starter motor signal for start enrichment purposes. Without this input, injection on time is reduced by approximately 5-6 milliseconds.