

Telephone:
Fax:
VAT Registration No.:

**NOTE: Trouble codes must be erased after completion of ECM tests. Refer to Self-diagnosis section.
Due to small size of ECM harness multi-plug pins it is advisable to use a breakout box.**

8 & earth	Ignition ON	9 V min.
23 & earth	Ignition ON	Battery voltage
38 & earth	Ignition ON	Battery voltage
32 & earth	Engine cranking	8 V min.

NOTE: Engine control relay must be fitted and working correctly in order to carry out supply voltage checks.

- Ensure ignition switched OFF.
- Disconnect ECM multi-plug.
- Connect breakout box to ECM harness multi-plug.
- Switch ignition ON.
- Check voltage between breakout box terminals and earth.
- Briefly crank engine.
- Check voltage between breakout box terminal and earth.
- If voltage not as specified: Check wiring, fuses and relays.

1 & earth	Zero
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- Ensure ignition switched OFF.
- Disconnect ECM multi-plug.
- Connect breakout box to ECM harness multi-plug.
- Check resistance between breakout box terminal and earth.
- If resistance not as specified: Check wiring.

