

EQ8841

**Drawing Key:**

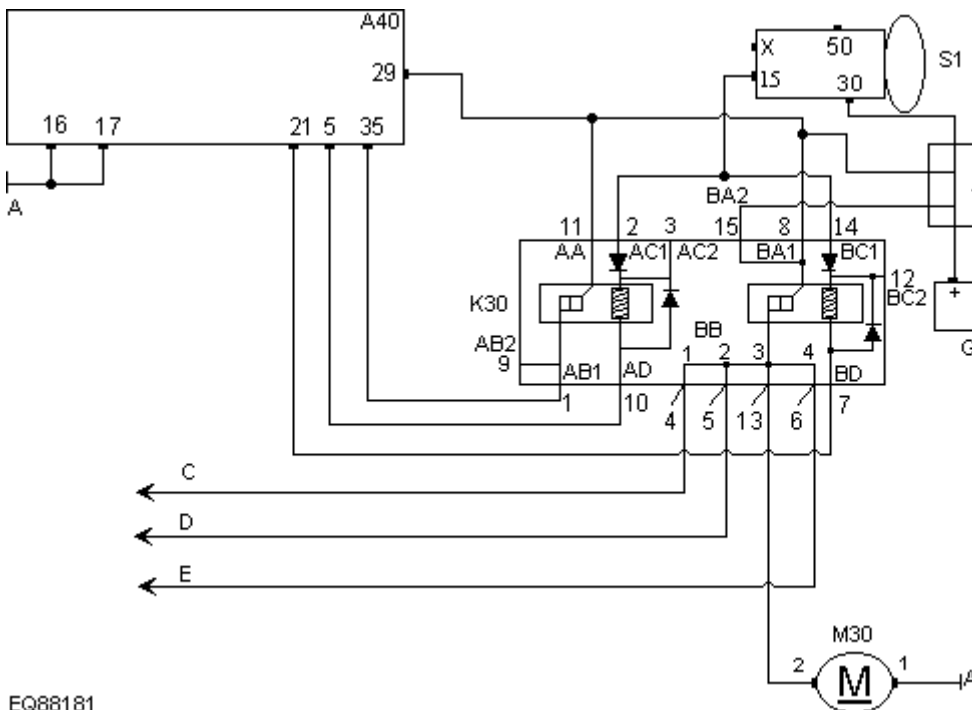
1. Fuel pump (bottom of tank).

**Checking the Fuel Pump (M30)****Test 1A: General**

Inspect the pump & multi-plug for corrosion, and damage. Check that the multi-plug terminal pins are fully pushed home and making good contact with the pump. Poor contact and corrosion are common reasons for pump failure.

**Test 1B: Checking the pump control signal and circuit with a Scantool**

1. Attach a suitable Scantool to the Data Link Connector (DLC).
2. The pump is normally supplied from a relay and the pump circuit may be monitored by actuating the relay.
3. Select the Scantool actuation function and actuate the pump relay with the Scantool. Both relay and pump should operate. Listen for a clicking sound from the relay and a rotating sound from the pump motor.



EQ88181

**Drawing Key:**

1. Ground.
2. Supply box.
3. Coil: t3.
4. Injector: t2.
5. ISCV: t2

supply:

- a. Check the pump fuse, pump relay and inertia switch (where fitted).
6. Attach the positive voltmeter probe to the fuel pump ground terminal.
7. Crank the engine or by-pass the relay.
8. A value < 200 mV should be obtained.
9. If the supply voltage is available and the ground is satisfactory, the pump is suspect.

**Test 2.  
Check the pu  
supply voltag**

Connect negative probe of oscilloscope or voltmeter to ground. Connect positive probe of oscilloscope or voltmeter to the wire attached to the pump voltage supply terminal. Crank the engine or the starter by-pass relay.

4. The instrument should display n
5. If no voltage



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