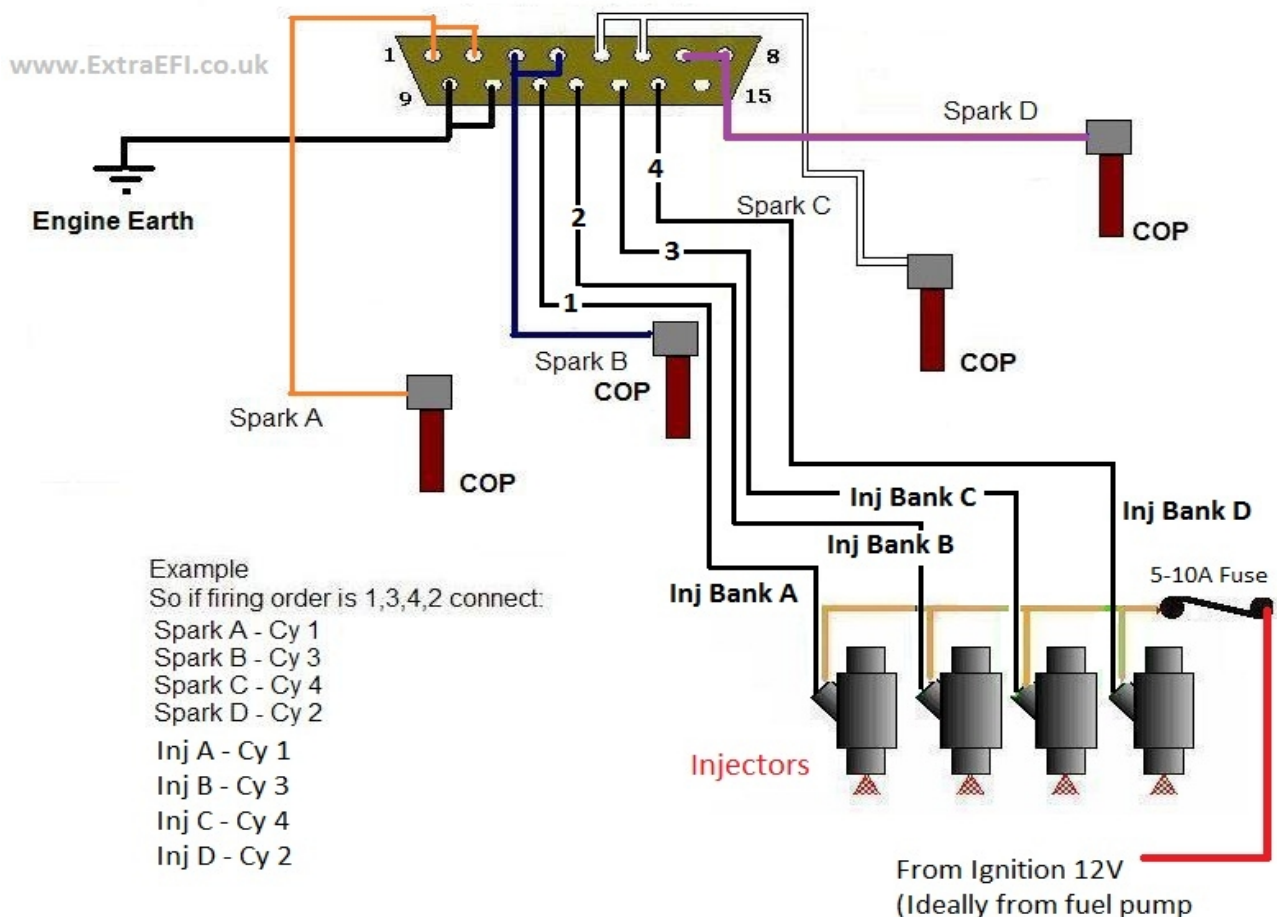


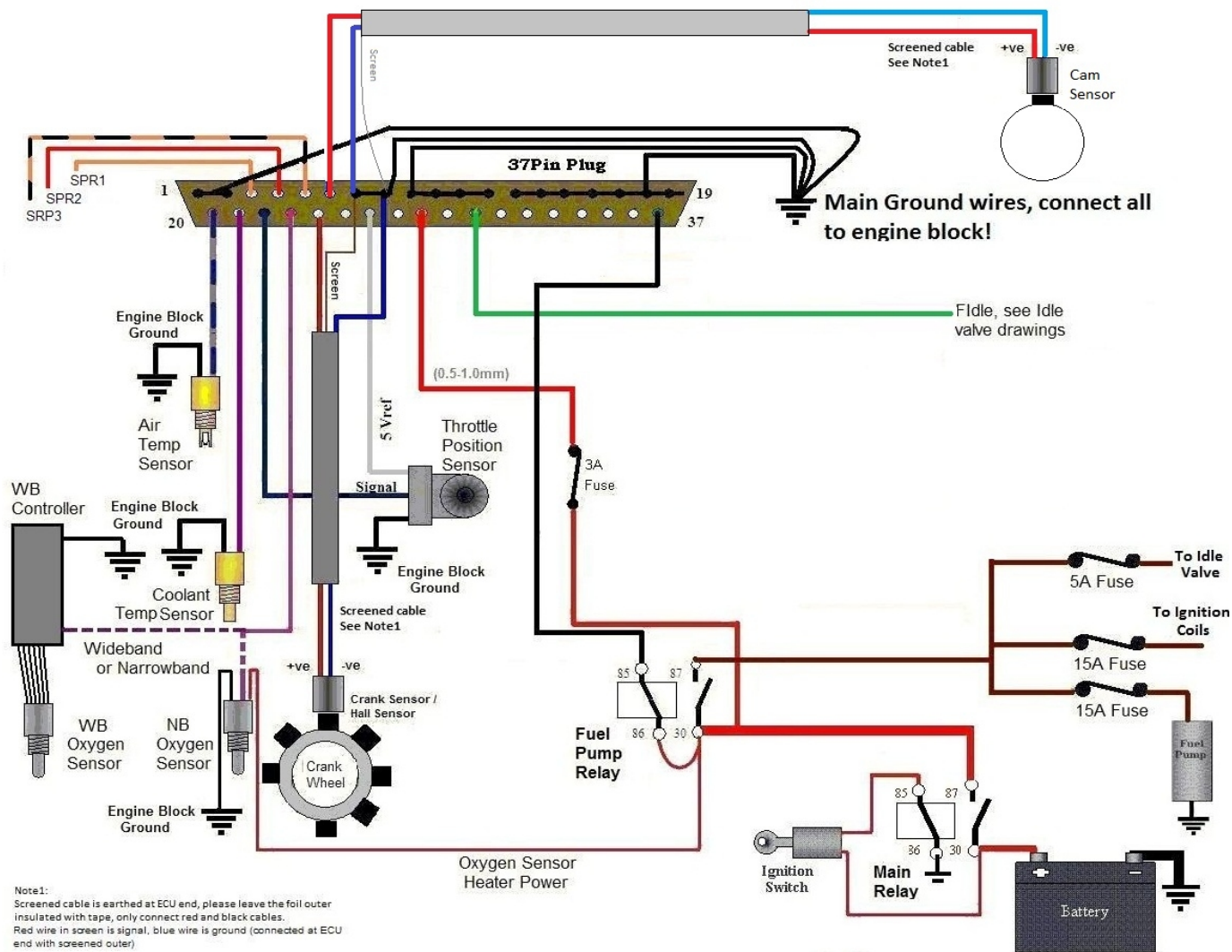


4 Cylinder Sequential Fuel and Sequential COP Wiring Diagram for MS2 or MS3 without MS3X board.

Ideally wire the 12V feed to the COPs and Injectors from the fuel pump relay.



Ensure ALL grounds go back directly to the engine block!!



Grey/Blue - Air Temperature Sensor	Black - Fuel Pump Relay
Purple - Coolant Temperature Sensor	Green - Idle Valve
Blue - Throttle Position Switch Signal	Red - +12V ignition Feed (0.5-1.0mm)
Pink - Oxygen Sensor	Black - Ground (0.5-1.0mm)
Grey - 5 Volts for TPS	

All cables from MS ECU Loom are 0.2mm unless otherwise stated

Orange (0.5-1.0mm) Spark A
Blue (0.5-1.0mm) Spark output B or SPR4

Orange (thin 0.2mm) SPR1	Orange/Blk (thin 0.2mm) SPR3
Red (thin 0.2mm) SPR2	Blue (Thick 0.5-1.0mm) SPR4

The SPR connections are used for options etc, see the bottom of your ECU for details.

Note1:

Screened cable is earthed at the MS ECU end of the loom. Please leave this screen insulated at the sensor end, simply connect the red and blue cables within the screened cable to the VR / hall sensor.

The diagram shows the fuel pump relay providing power to the ignition coil, idle valve, etc. This is a good idea to protect the ECU whilst setting it up as power only gets to the drive components when the ECU sees an RPM.

Ensure ALL grounds go back to the engine block!!!
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