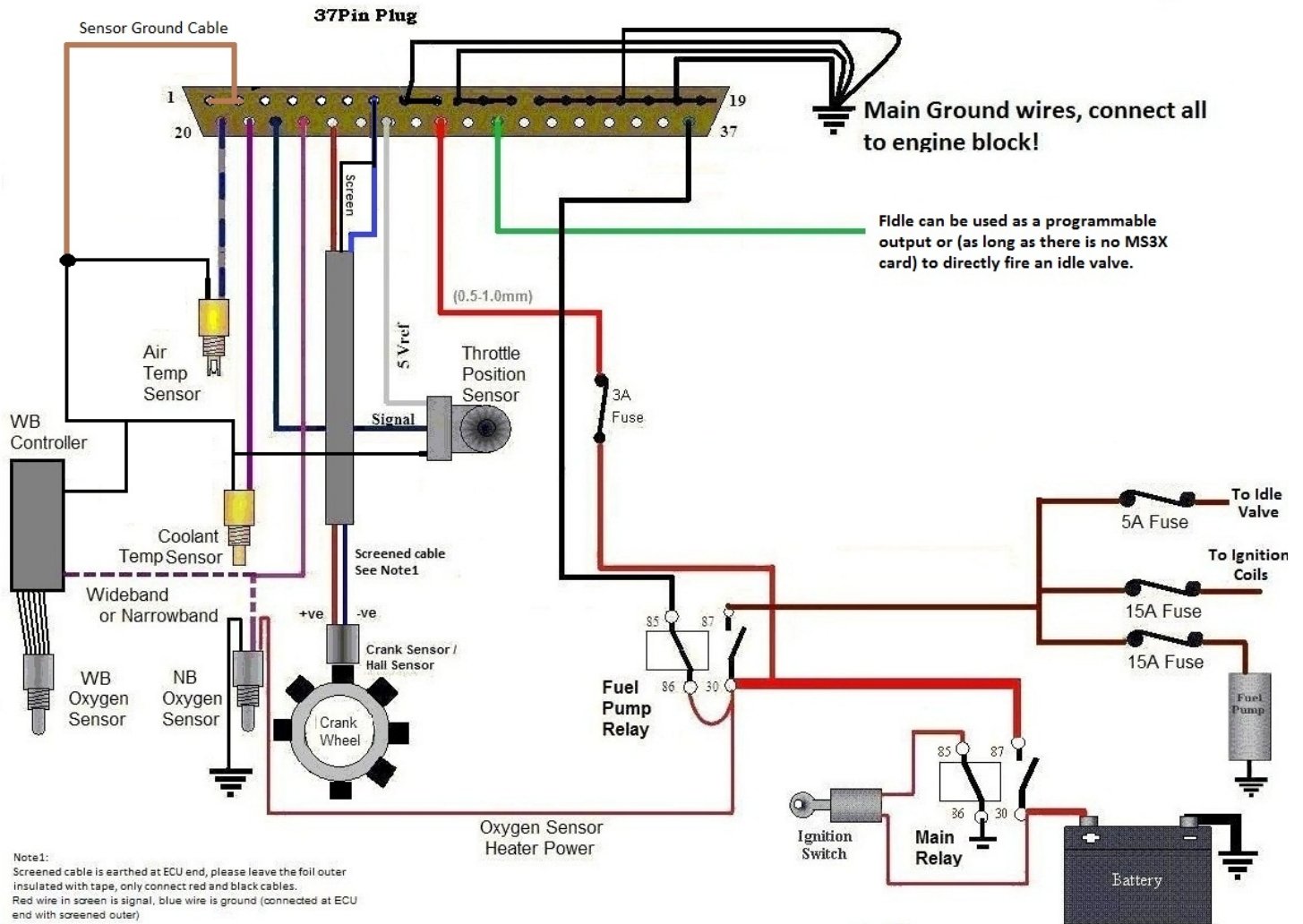




MS3 Wiring Diagram (Lower DB37 connector with female plug)



MS3 Main Board Loom (Lower DB37 connector with female plug)

	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

Note1:

Screened cable is earthed at the MS ECU end of the loom. Please leave this insulated at the sensor end, simply connect the red and (black/blue) cables within the screened cable.

The red cable, in the screen, is the signal cable, the black/blue cable is ground.

The above diagram shows the fuel pump relay providing power to the ignition coils, 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.

Upper DB37 Connector

8cy engine

Note: If you have informed me your using a hall sensor for the cam input, then the input cable could be a single yellow rather than the screened shown.

MS3X Board Wiring Diagram

