Volvo 960 1993
modified for MegaSquirt use by:
www.ExtraEFI.co.uk

Volvo ECU

Injector Relay

Ignition Relay

Fuel Pump Relay

Fuel Pump

Primer

MAF

COPs

Cy 1 Cy 5 Cy 3 Cy 6 Cy 2 Cy 4

Oxygen Sensor

Crank Sensor

Cam Sensor

TPS Sensor

Coolant Sensor

Check engine

Injectors

Cy6 Cy5 Cy3 Cy4 Cy2 Cy1

Idle Valve

7/40:1
2/11:B2
2/11:B1
7/38:1

4/3:13
5/1:E
2/10:B5
4/6:A9

Note:
In order to use the Idle valve connect
Volvo ECU pin 22 to the Idle output of the
ExtraEFI MS ECU. Then connect pin 4 of
the Volvo ECU to a 25R 50W resistor,
connect the other end of the resistor to
ground.

**Very Important, this has not
been tested and is there for
information ONLY, no warranty
expressed or implied, use totally
at your own risk!
Please check all your wires are
the same as this diagram!!**

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For MegaSquirt use wire as follows:

Volvo ECU Pin	Description	Colour of extraefi loom	MS Pin
45	Coolant Sensor	Purple	21
53	TPS Sig	Blue	22
28	O2 Sensor	Pink	23
47	Crank Sensor	Red in Screen Cable	24
48	Crank Sensor Ground	Black In Screened cable	8
16	Injector Bank 1	White	32,33
17	Injector Bank 2	Green	34,35
12	5V TPS	Grey	26
30	Ground Sensors	Green/Yellow	8
22	Idle Valve	Brown	30
36 + 3	Fuel + Injector Relays	Black	37
27	12V Ignition	Red 1.0mm	28
19	Ground	Black 4.0mm	8 to19
	Link 37 to 27 in Volvo ECU		
	Link 36 to 3 in Volvo ECU		

MegaSquirt Spark Control Wiring:

MegaSquirt Spark Output	Volvo ECU Pin	
Spark A = Grey	Connect to Volvo ECU Pin	1 20
Spark B = Blue	Connect to Volvo ECU Pin	21 13
Spark C = White	Connect to Volvo ECU Pin	2 31

Assuming a firing order of:
1-6-3-5-2-4

www.ExtraEFI.co.uk Specific Diagram