

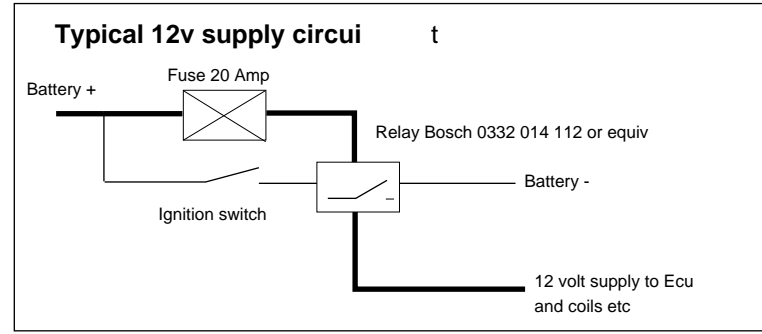


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4 CYLINDER WIRING SCHEMATIC

FOR
 4 CYLINDER IGNITION ONLY
 4 CYLINDER SINGLE INJECTOR
 4 CYLINDER TWIN INJECTOR

LAST UPDATED 30/03/2001



12 volt supply

ECU supply

Crank sensor connections

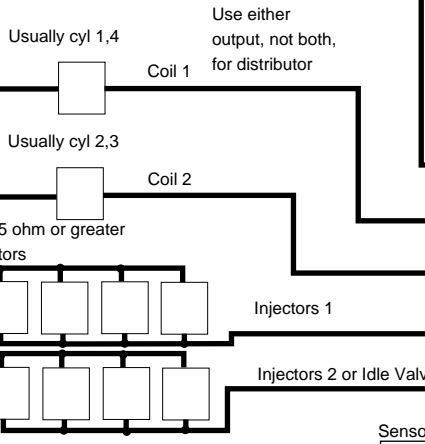
Use twisted pair wire with overall screen for crank sensor

VR sensor pin outs (magnetic)

Ford
 Pin 1 to pin 18
 Pin 2 to pin 20
 Shield to pin 20 at ECU

Vauxhall/Opel/BMW/V etc. (Bosch & Siemens)
 Pin 1 to pin 18
 Pin 2 to pin 20
 Pin 3 to shield to pin 20 at ECU

Marelli
 Pin 2 to pin 18
 Pin 1 to pin 20
 Shield to pin 20 at ECU



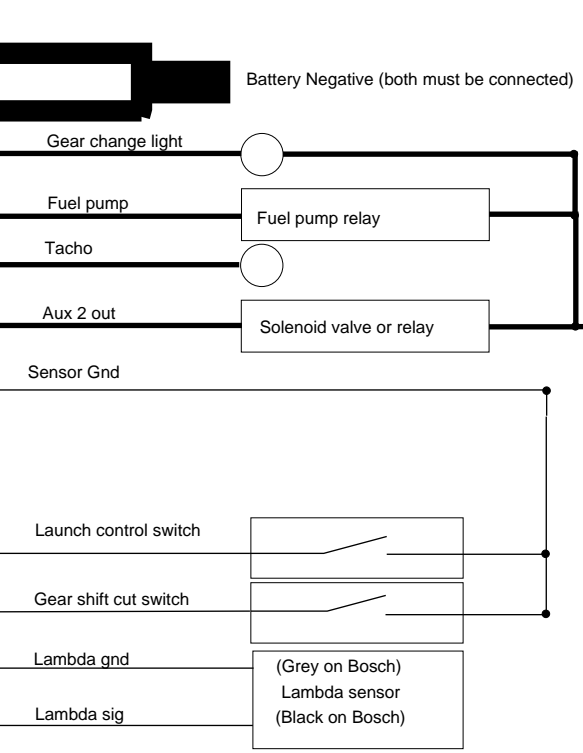
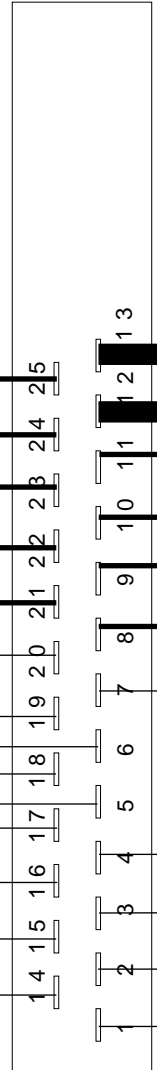
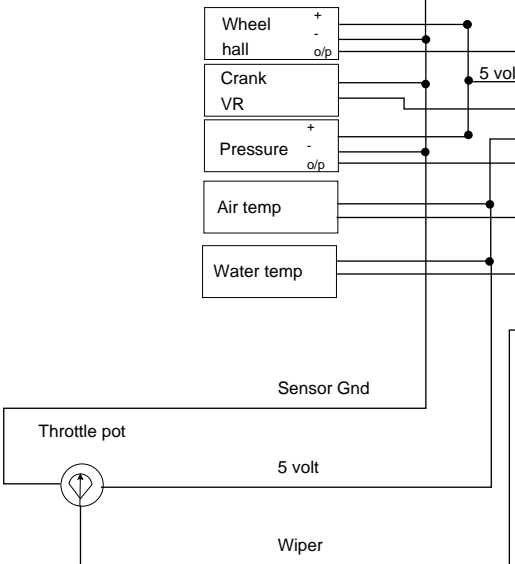
Throttle pot

Connect 5 v to side to which throttle wiper goes at full open

any value 500 Ohm to 20 K Ohm

Colvern (Jenvey) pot

red = wiper
 green = 5v
 yellow = Sensor GND



All aux outputs 500 ma maximum !

All 5 volt and Sensor Gnd connections are equivalent (except Lambda Gnd). Use the ones which are most suitable for the sensors connected. If not using twisted pair wire, twist together separate wires especially the sensor connections with a pitch of approx. 2.5 cm

Serial Port Connections

1 -> 1
 2 -> 2
 3 -> 3 9 - 15 pin (Dyno Control Box uses the rest)
 4 -> 4
 5 -> 5