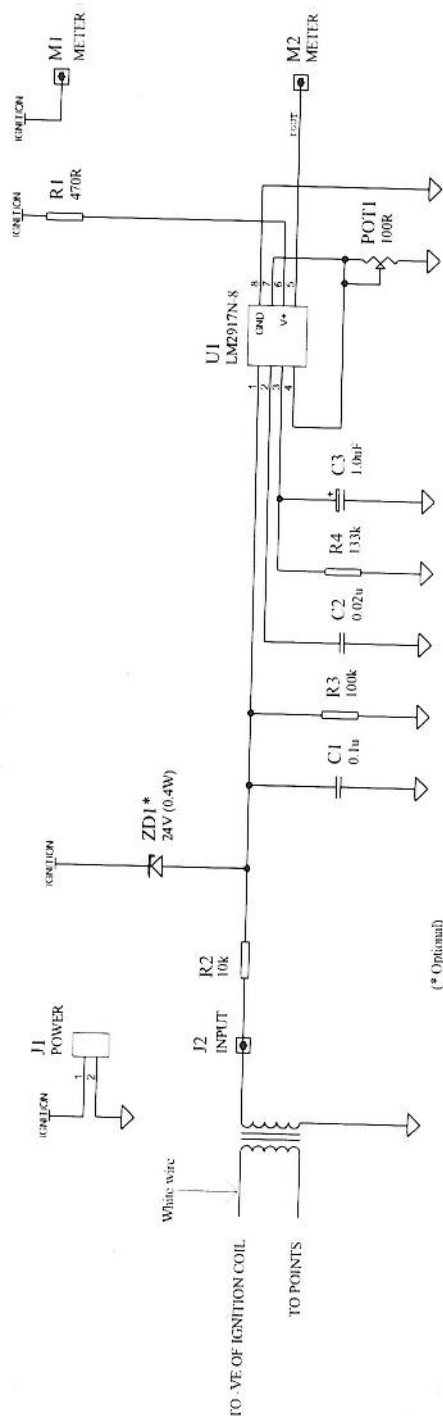




Note 1: I don't have a twin-cam wiring diagram, but I think the white wire together with the small coil is used as a simple transformer to couple the primary voltage of the ignition coil to the tachometer. PLEASE NOTE: THAT I HAVE ONLY TESTED THIS CIRCUIT ON THE BENCH FROM J2 AND ONWARDS.

Note 2: The twin cam gauges use a bi-metal strip type (ON/OFF) regulator. You can NOT use this to supply power to this circuit. However, since the LM2917 has an inbuilt reference, you can power this circuit from power going to the gauges (ignition) BEFORE the bi-metal strip type regulator.

Note 3: M1 & M2 connect to the red and black wires of the gauge respectively.

Note 4: POT1 is a multi-turn precision potentiometer.

Note 5: All polarized capacitors are tantalum with a minimum rating of 16 volts working.

Note 6: This circuit is essentially the same as that suggested by National Semiconductor. You can download the LM2917 data sheet and the relevant application note "AN-162" from the National Semiconductor web site: www.national.com

SIMPLE TACHOMETER

File	Size	Number	Rev
Tachosch	A3	1	A
Date	Scale	Author	Sheet
10-Sep-2001	6.7%	PETER STELLINGSMA	1 of 1

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