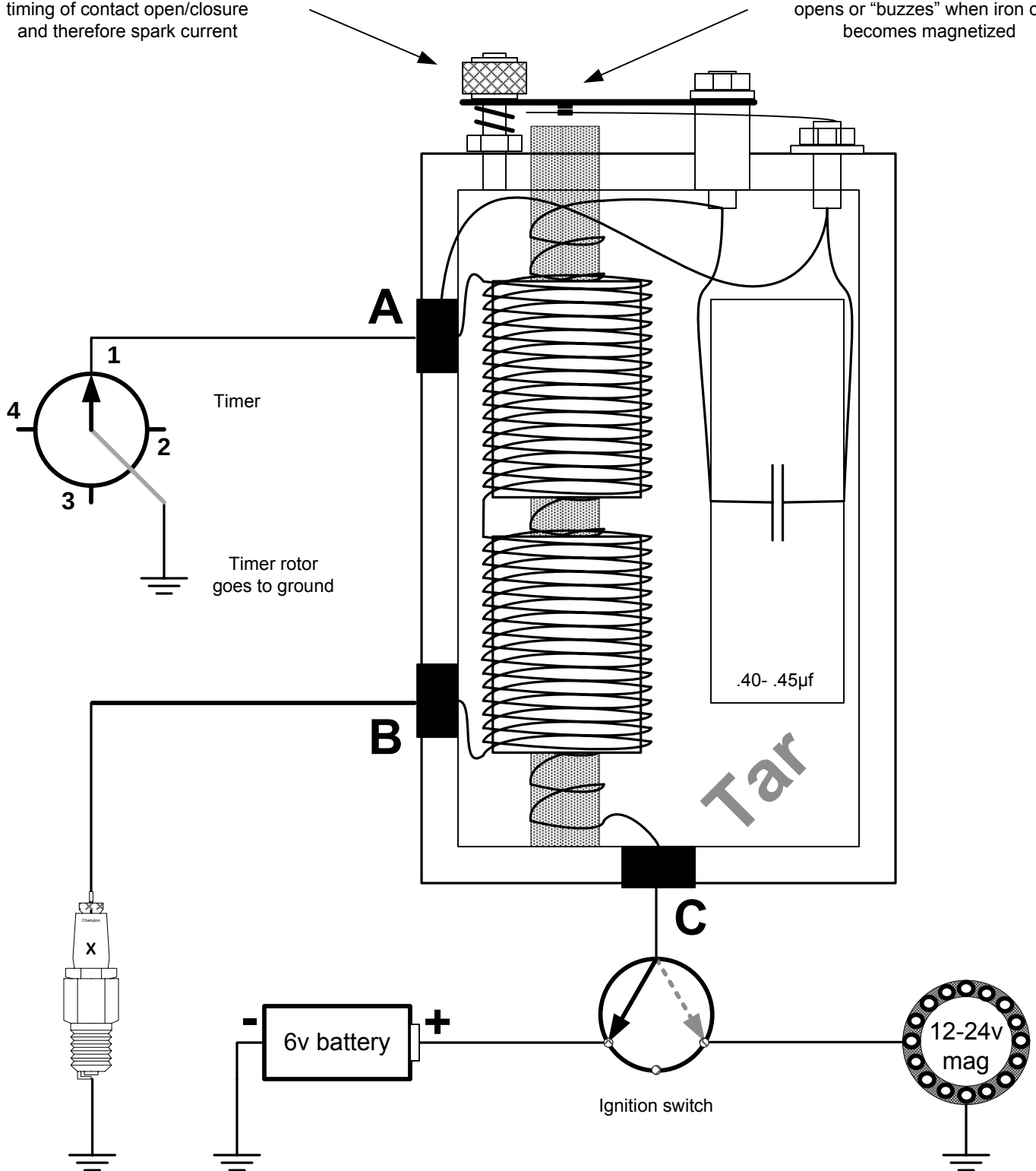


Model T “Buzz” Coil

This adjusting screw controls timing of contact open/closure and therefore spark current

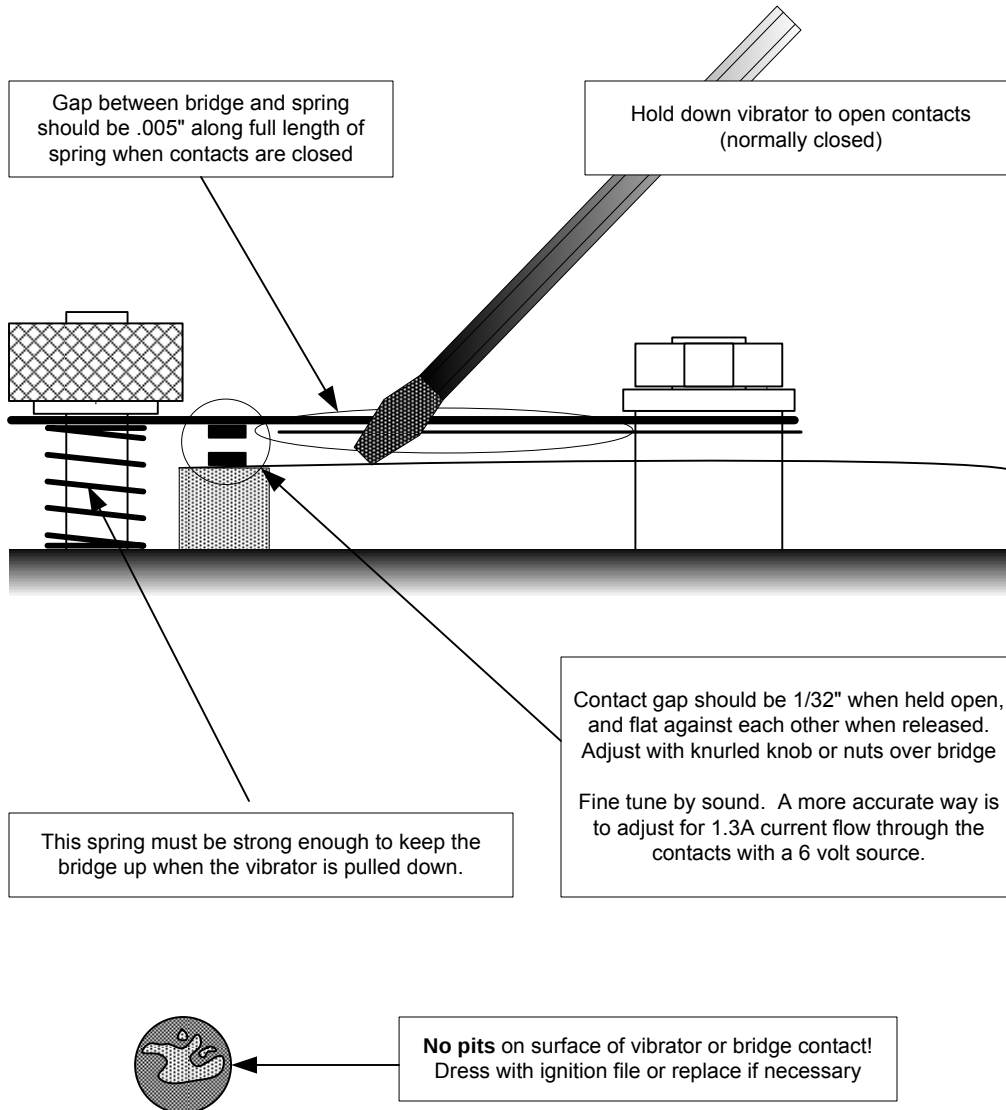
Vibrator contact starts closed; opens or “buzzes” when iron core becomes magnetized



With coil removed from coil box, the following readings should be obtained:

Primary (inner) coil:	.295 Ω between C and D (vibrator contacts open); may read like dead short
Secondary (outer) coil:	3300 Ω between A and B
Capacitor:	.40-. 45 μ fd between D and E (contacts open)
	Ohmmeter should 'pulse' when switching polarity rapidly

Model T “Buzz” Coil



Note that about half the surviving Model T coils have bad capacitors, and that they usually fail open. In this case, a replacement capacitor can be temporarily wired on the outside of the coil across the vibrator contacts between points D and E.

The interior of the coil is filled with tar, which can easily be chipped out. This will usually destroy the fragile capacitor, but since that's the primary reason to open a coil, this isn't a problem. Once the capacitor is replaced, the tar can be remelted and poured back in, or a canned spray foam insulation such as "Great Stuff" can be used to fill the case.

Model T “Buzz” Coil

Specifications (1926)

Primary 212 turns; secondary 16,600 turns (78:1)
DC resistance Primary .295 ohms; Secondary 3300 ohms
Capacitor .40 - .45 mfd

