

Instructions - Model CT-2 "Coil Beeper"

This hand held tester is designed to provide a quick check of the high voltage (HV) secondary winding of the typical Ford and KW Brand ignition Coil as used from 1913-1927 on the Ford Model T. A defective HV winding is a common problem found with original coils and is considered a "FATAL" fault that cannot be practically repaired.

To use this tester, align the 2 test probes on the bottom of the "Coil Beeper" with the 2 side terminals of the typical Model T ignition coil. Press the tester electrodes firmly against the 2 coil side terminals. Listen for the tester to "Beep" indicating the coil winding is good.

This device is NOT simply a continuity check but rather requires the winding to be within a specific range of winding resistance that will thus indicate that the HV winding is good. If the resistance of the HV winding is within the acceptable range of a typically good coil, the audible alert module will sound a shrill "beep". The unit will NOT sound if the coil is shorted, open, or is otherwise out of this correct range.

NOTE: Some later aftermarket coils may sound a faint "beep" when checked indicating a marginally high resistance winding. Some of these coils have been found to be OK when tested but proceed with caution if you decide to rebuild these types of coils. The windings in these coils use very fine wire that can easily be broken.

There is NO current drawn from the battery of the unit until there is a metallic path between the electrodes.

PLEASE NOTE: THERE IS BATTERY CURRENT DRAWN whenever there is a metallic path even though the device may be silent.

Avoid setting the unit on a metallic surface or you will have very short battery life! Assuming a coil check takes 2 seconds or less, the tester battery theoretically can test over 100,000 coils if the battery life is not shortened by accidental metallic short as mentioned above. Replace battery ONLY with an alkaline type battery. Do not use so-called "Heavy Duty" zinc type batteries. If the battery does not have the word "alkaline" on it somewhere, it is not an alkaline battery.

This Coil winding tester does NOT perform a comprehensive diagnostic test of the coil itself but merely provides a quick means of determining if the coil has a good HV winding and can thus likely be rebuilt or restored. A defective capacitor inside of the coil and/or wrongly adjusted or defective coil points can prevent a coil with good windings from operating properly. This tester does NOT test the primary winding of the coil however the heavy wire primary winding rarely is found to be defective.

This tester has no user serviceable parts to replace other than the battery. There are electronic parts sealed under the audio sounding unit. Avoid any attempt to pry up the audio module to get at these components as you will most certainly damage the audio module or the components under it.

DRIVE SOBER

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