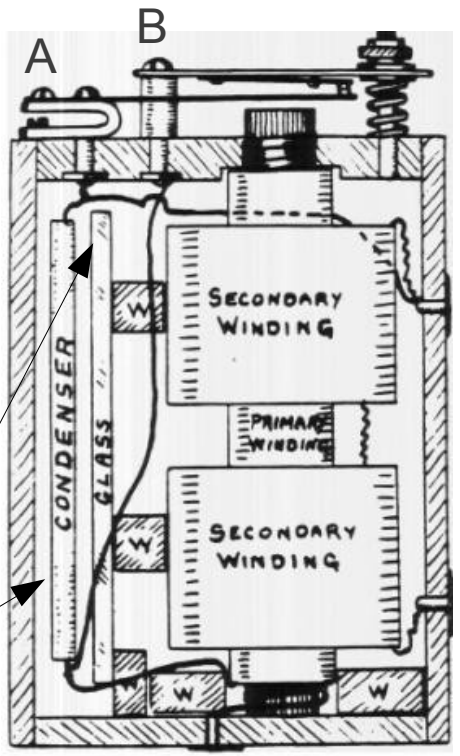
Ford Model T Coils - 1913-1927

Connections/ Ohm Readings

A-B: ∞Ω(w/points open)
A-C: 0Ω
A-E: 0.295Ω (w/points closed)
B-E: 0.295Ω
C-D: 3300Ω
Note: Connections at A and B are sometimes reversed
(more common on K-W coils).



Condenser

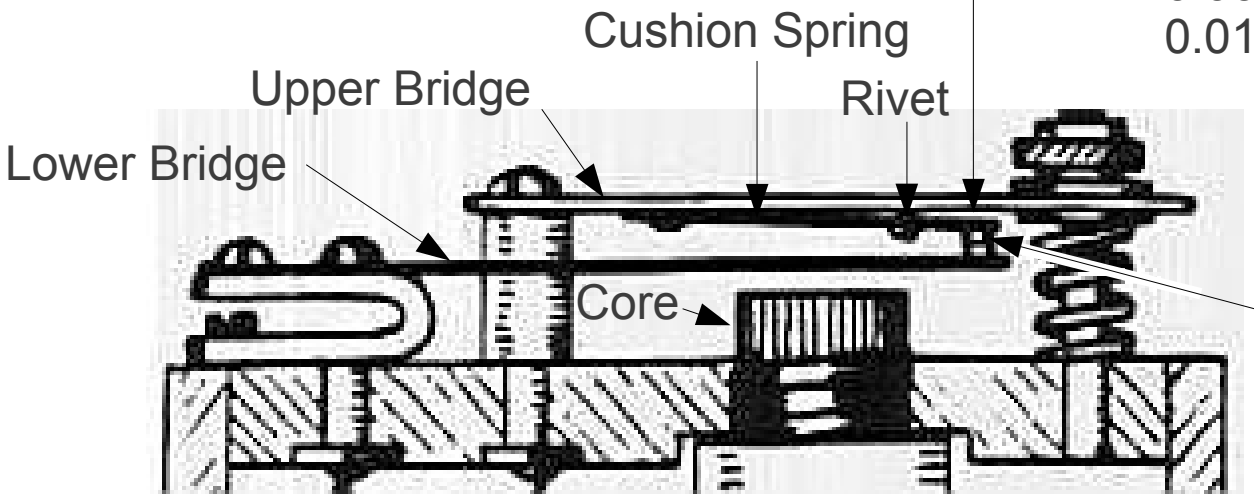
0.40-0.45 μF
replacement capacitor spec:
0.47μF, >400VDC, >600V/μsec (dV/dt rating)

Problem Causes - Symptoms

- **Condenser Open** – heavy blue arc on points but no spark (A-B ∞Ω w/ points open)
- **Condenser Shorted** – no arc on points, no spark and irregular current draw (A-B 0Ω w/ points open)
- **Secondary Coil Open** – points vibrate and no spark (C-D ∞Ω)
- **Secondary Coil Shorted** - points vibrate but irregular spark (C-D 0Ω)
- **Primary Coil Shorted** – points don't vibrate and irregular current draw (B-E 0Ω)
- **Primary Coil Open** – points don't vibrate, no current draw and points are clean/adjusted (B-E ∞Ω)

Cushion Spring Gap:

(cushion spring touching rivet head with very light pressure, make all four coils the same gap)
0.003-0.005” (Ford)
0.010-0.012” (recommended)



Point Gap:

1/32” or 0.029-0.031”
(with lower bridge pulled down to core)

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