

# Model A Ford Timing Wrench

## Please read the following instructions!

**NOTE: This wrench is not designed to tighten the Crankshaft Ratchet Nut (Use a 1-3/8 Socket wrench) It is designed to easily rotate the crankshaft of your Model A to determine top dead center.**

Please follow the following steps to time your Model A, using the Timing Wrench

1. Turn off the ignition switch
2. Fully retard the spark by pushing the spark lever to its topmost position
3. Remove the distributor cap (top cap)
4. Rotate the engine with the Timing Wrench on the crankshaft ratchet nut (clockwise) until the contact on the rotor is pointing toward you (standing on the driver's side of the engine) and the contact is just before cylinder number one contact point.
5. Remove the distributor body and the rotor.
6. Loosen the screw holding the distributor cam.
7. Using a cam wrench, move the cam until the points are open (top of the lobe) and set the points to .018 to .022.
8. Take out the timing pin from the front timing gear cover and insert the point back into the hole.
9. Rotate the engine clockwise (pull up) with the Timing Wrench as you hold the timing pin against the cam shaft gear until you feel the pin slip into the depression on the cam gear. If you pass it, you can move the Timing Wrench counter-clockwise (down) until you have determined top dead center. Moving the Timing Wrench up and down will easily find the exact position for the timing pin and top dead center.
10. **Remove the Timing Wrench and screw the timing pin back into the cover and tighten the pin. IMPORTANT: Do not try to start the car with the Timing Wrench still on the ratchet nut. Failure to remove the Timing Wrench could cause serious bodily damage and damage to your car!!!!!!**
11. Use the cam wrench to turn the cam counter-clockwise until you see the points begin to open. Move the cam wrench back until they just close. If you have some "slop" in the distributor, move the wrench counter-clockwise until you feel the resistance of the lobe and the points.
12. Tighten the cam screw while holding the cam wrench.
13. Install the distributor rotor, body and cap.
14. Enjoy driving your Model A!!!

I hope you enjoy your wrench as much as I have mine. Thanks, Ray