



# THE MODEL T FORD

## ITS REPAIR, SERVICE, & RESTORATION

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### Replacing the Starting Crank Spring

This little spring (p/n 3908) is often overlooked and missing from the starting crank. This important spring pushes back the starting crank when hand cranking and provides the instant release of the ratchet from the crankshaft pulley pin. If this spring is missing or broken, the crank ratchet can stick and may cause injury; or the crank ratchet can work its way into the pulley pin from vibrations and shaking, clacking and banging the ratchet against the pulley pin.

The spring has a bent prong end that is secured in a tiny hole up the shaft of the starting crank. To replace, remove the ratchet and then remove the broken spring.



The tiny hole is first located near the bent end of the starting crank. Using a small twist drill, clean out the hole which goes part way into the shaft.



Next, slip a tool (a screwdriver is useful) under the end of the spring to lift the bent prong up. Using the screwdriver, push and slide the spring up the shaft to the hole.



Finally, lift the prong and slip it into the hole to secure the spring on the starting crank. Be sure the bent end of the spring is fully inserted into the hole.



With the new crank spring fitted, slide the starting crank into the nose of the engine pan and re-fit the ratchet with its pin and cotter pin.



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