



THE MODEL T FORD

ITS REPAIR, SERVICE, AND RESTORATION

DAN TREACE
MTFCI Technical Editor

Mailing address:
P.O. Box 76
Earleton, FL 32631
USA

E-mail:
tmodelman@comcast.net

Phone:
(904) 616-4362

Replacing the Rear Emergency/Parking Brake Camshaft and Lever

The rear emergency brakes on the Ford are important for added safety when additional braking is needed, or for holding the Ford when it is parked on a hill. The brake shoes should be in good condition, without a greasy surface from leaking rear axle seals. Brake shoes are available with friction linings, and are superior to the original cast iron factory brake shoes.

The camshaft on the brake rod lever arm provides the leverage to spread the shoes apart inside the brake drum. The arm and cam should be in good shape, as well as the bushing, so that maximum leverage can be applied when needed.

For this repair, new old stock (NOS) Ford brake camshafts and lever arms replaced the old worn parts. The bushing in the axle backing plate was sufficient to re-use, but, if worn, it should also be replaced when rebuilding the rear brake system.

The old shaft was freed up with penetrating oil, and a metal saw was used to cut the shaft near the cam and remove the worn parts.

The new cam shaft was fitted, then the lever arm placed and cold riveted to the shaft in two places. Be sure to check the parts, as the brake camshafts are either Left or Right (p/n 2557 Right ('09-'25) and p/n 2558 Left ('09-'25). These must be placed in the corresponding backing plate.

With new parts, fitted friction-lined shoes, and new shoe springs, full action is provided for the new camshaft to spread the shoe for quick and secure stopping.



NOS brake lever



Using penetrating oil to free up the camshaft



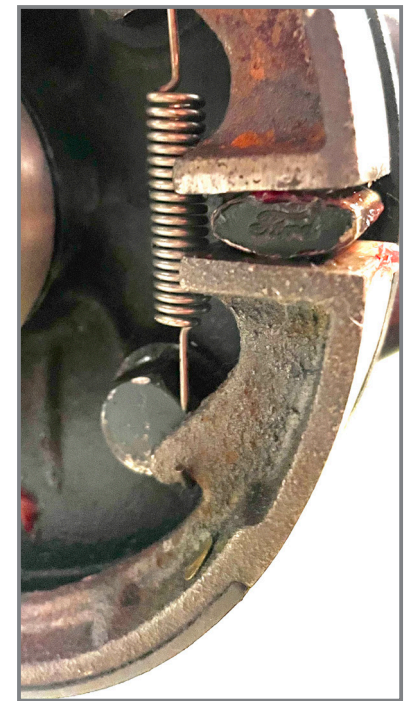
Old brake camshaft shaft sawed away



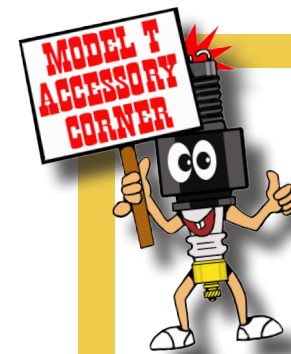
Old camshaft and lever removed



NOS lever and camshaft rivet going in place



NOS Ford script camshaft installed



A showcase of aftermarket accessories from the past, often found on the Ford. Many thousands of inventive products were sold to dealers and owners to upgrade, customize, or improve over the factory parts...in most cases, not so much!

by Dan Treace
Technical Editor

Crank Handle Pin

This crank handle pin is a very useful accessory that is still available today. It eliminates the need for a cotter pin to secure the original P/N 3905 straight Ford pin, and aids in easy and fast removal of the crank ratchet when changing out a fan belt.



"JIFFY" CRANK RATCHET PIN

For Model T Fords



Our Jiffy Crank Ratchet Pin makes a 5-minute job of replacing the crank pin when it breaks. Slips right into place and the spring steel clamp holds it there. Never comes loose. Have a "Jiffy" in your tool box and save the labor and dirt.

B5300—Ratchet Pin for all Model T Fords (Ship. wt., 4 oz.) ...10

