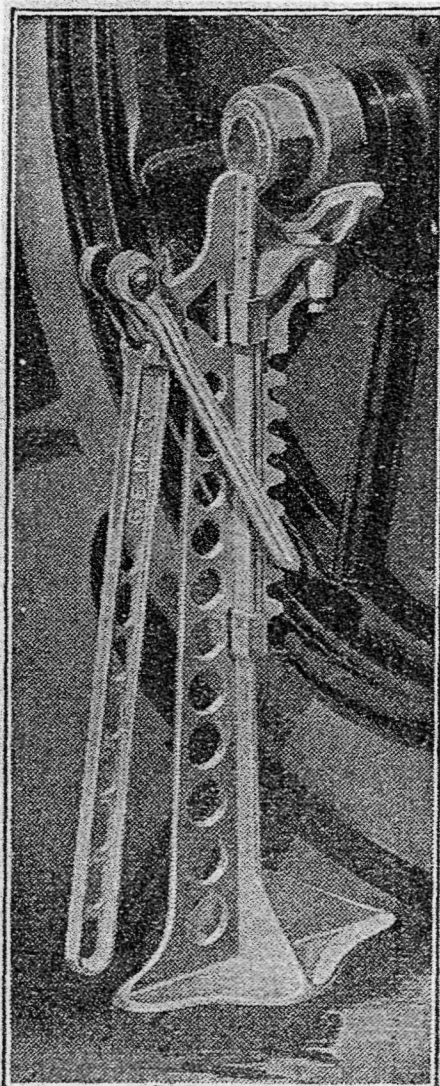


FIND A NEED ... AND FILL IT.



**RELIABLE TIRE
SAVERS**

Automobile owners are beginning to realize their value. Takes the weight off tires and prolongs their life one-third. Four wheels can be jacked up in a few moments. Has swivel top and leather-faced saddle. Fits any hub or axle. Malleable iron throughout.

No. 149. Heavy; not the light type. Per set of 4 \$3.65
Weight, 25 pounds

(1915)

2

Stevens Spring Bushing Forc-Out

C. 1920



For Removing and Inserting at One Operation
 Either Ford Front (No. 3820) or Rear
 Spring (No. 3844) and Spring Perch Bush-
 ings.

SUBMITTED BY DAN MANOLA

NEW Front and Rear Spring Bushings and Spring Perch Bushings frequently require renewing. The old bushings can be forced out and the new ones forced in at one operation by one man with this handy press. And the job is done by one man in half the time it used to take two men. Result: 75% saving in time.

The old way required one man to hold the dolly while the other hammered. Damage to new bushings was frequent, perches were often thrown out of line and clips were liable to be bent.

One man with Forc-Out does the job smoothly, quickly and without possibility

of damage to the new bushing. Forc-Out is a compact, powerful screw press.

After removing the spring shackles, Forc-Out is placed in position with one of the plugs facing the old bushing. As the bushings are of different sizes, the plug marked "front" has to be used for the front bushings and the plug marked "rear" for the rear bushings. The old bushing is forced out about 3/16 in. by giving the screw two full turns. The new bushing is then placed in position and forced in with the press. This pushes the new bushing in and the old one out at the same time.

X T-213 — Stevens Forc-Out for Spring Bushings. Price, \$5.00. Weight, 4 lbs.



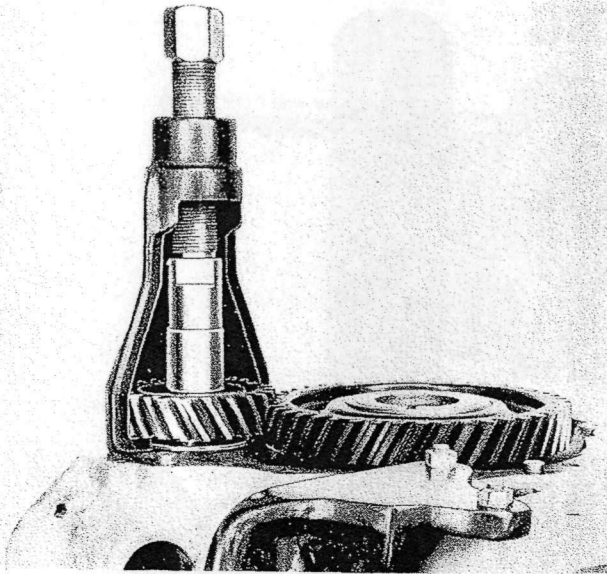
TRADE MARK



CRANKSHAFT, CLUTCH, FLYWHEEL, OIL PUMP-8N FORD TRACTOR

3

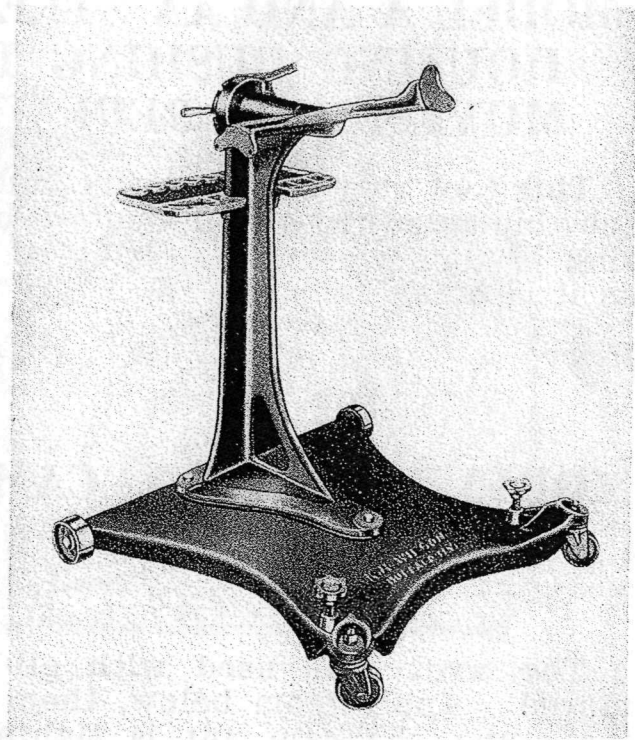
1949



Crankshaft Gear Puller

TR-6306A

A puller that gives plenty of support to the under side of the gear during the pulling operation. Removes the most stubborn gears with ease. Saves lots of time. Made of malleable iron with tough alloy steel screw.

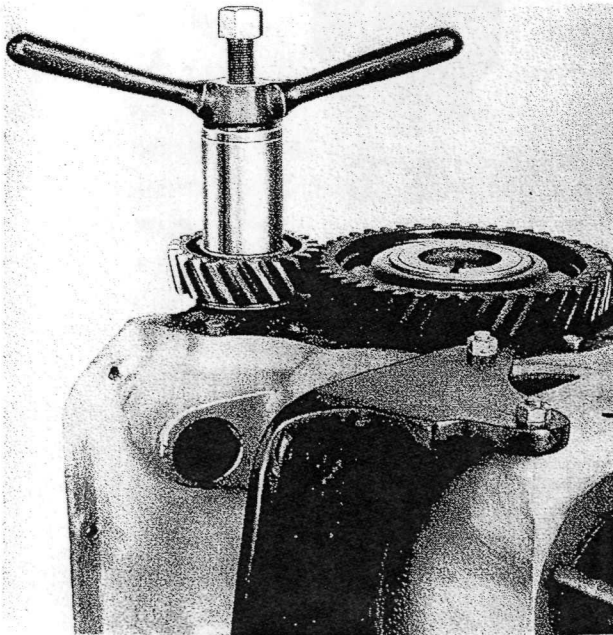


KRW All-Position Portable Motor
Stand with Tractor
Engine Adapter

TR-6000-B

The KRW All-Position Motor Stand was designed to give the mechanic every advantage of convenience and accessibility. In use, it provides more than the equivalent of an extra pair of hands while installing Flywheels, Clutches, Transmissions, Crankcases, etc., all of which must be held in perfect alignment during assembly. (TIME STUDIES prove that KRW Motor Stand cuts labor costs 20 to 50 percent over any other make since mechanics are able to work in the most convenient position on all operations.)

To keep the KRW Motor Stand up to date, we continually add new adapters for new motors as they come on the market. The unit quickly PAYS FOR ITSELF, requires little room. The Pedestal is a heavy semi-steel casting, braced to prevent tipping. Head is accurately bored, reamed and faced to form a friction lock with the 8-position turret face plate. Adapters are designed so that motors practically balance in any position - requiring little effort to turn them. Order today.



Crankshaft Gear Press

TR-6306-N

Replaces the crankshaft timing gear with the least amount of effort and time. Tool screws into end of crankshaft so that opposing force is taken by crankshaft. No danger of damage to crankshaft bearings while gear is being replaced. Made of the best materials for strength and service.

KRW CARRIES A COMPLETE LINE OF MECHANIC'S HAND TOOLS, AIR COMPRESSORS, ELECTRIC GRINDERS AND DRILLS, ACETYLENE WELDING EQUIPMENT, LUBRICATION EQUIPMENT AND HAND TOOLS NOT SHOWN IN THIS CATALOG. WRITE US STATING YOUR NEEDS. WE'LL GIVE YOUR INQUIRY OUR MOST PROMPT, COURTEOUS ATTENTION.

SPECIAL GARAGE TOOLS

MANKATO

MINNESOTA



1932

MODEL A AND AA STEERING HOUSING BUSHING REMOVER AND REPLACER

This tool very satisfactorily handles the job indicated by its name. The outer ring of tool prevents buckling of bushing as it is being replaced.

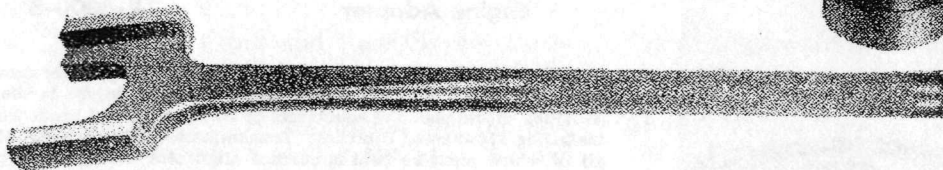
Price\$1.65

MODEL A AND AA CAM NUT WRENCH

Size, 1 3/4"

The wrench is used with oil pan removed. Apply from below, then by turning crank the cam nut is tightened. A wrench that saves time on every job.

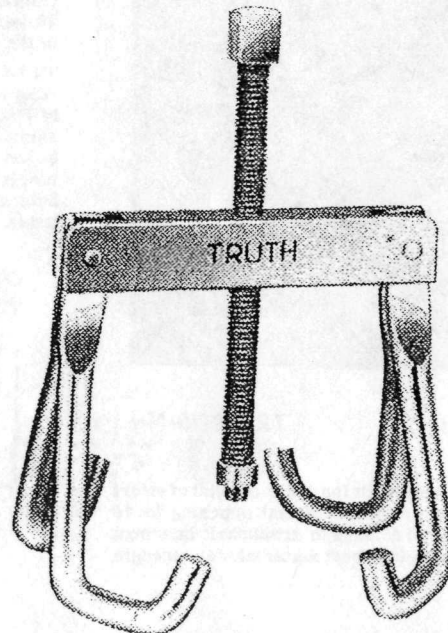
Price\$1.90



MODEL A AND AA STEERING WHEEL PULLER

There has been much demand for a puller of this type that removes the wheel without harming it in any way. Gives a square and even pull.

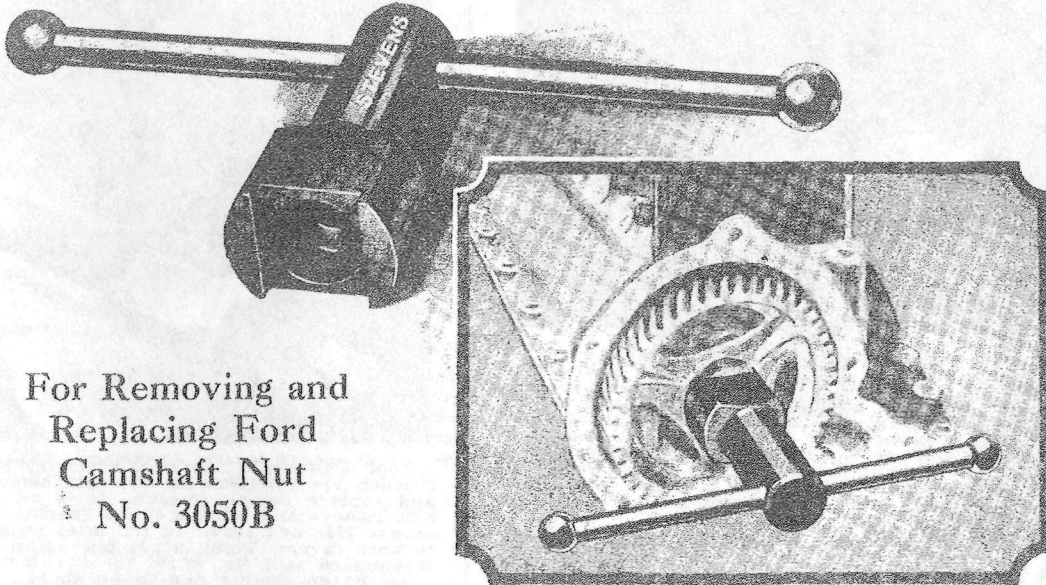
Price\$4.75



X Stevens Camshaft Nut Wrench For Ford

5

C. 1920



For Removing and
Replacing Ford
Camshaft Nut
No. 3050B

THE nut on the front end of the Ford camshaft has two flat, narrow sides and a cylindrical lug extends from the center. This makes it very difficult to remove and replace with either a monkey wrench or a solid wrench, because the wrench has to be held at an angle so that only a portion of the nut face comes in contact with the wrench. If the wrench is not in first-class shape and tight on the nut, it will almost certainly slip and possibly damage some other parts or skin the mechanic's knuckles.

With the Stevens Camshaft Nut Wrench, you have a special husky socket wrench specially machined out to fit the

nut perfectly on all sides. As a result, it is impossible for Stevens Wrench to slip. The sliding turning bar is 10 inches long to give plenty of leverage if the nut is on very tight.

Stevens Wrench is made from solid bar steel. The machining is carefully done and the wrench will not burr up or mar the nut. The hole in the shank of the wrench fits over the cylindrical extension and in case extreme pressure should be required, a large wrench can be placed on the flattened sides of the socket.

X T-138—Stevens Camshaft Nut Wrench for Ford. Price, \$1.60. Weight, 2 lbs.

SUBMITTED BY DAN MANOLA



SAVE TROUBLE!

SPECIAL
SERVICE



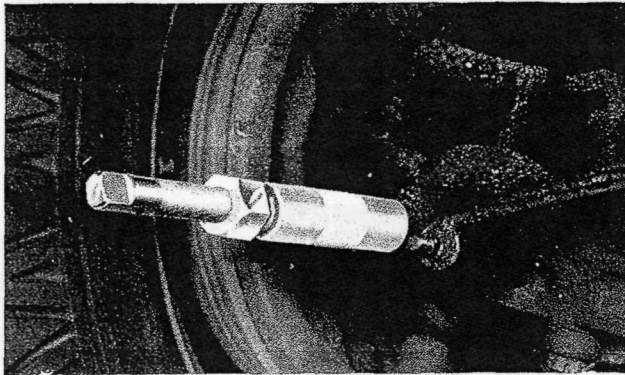
FORD
TOOLS

SAVE MONEY

1937

6

PERCH STUD PULLER



Pulls Shackle Studs from front Perches of 1935 and 1936 V8 cars. In use the tool first pulls the Stud leaving the shell in the Perch. The Power Screw is tapered and threaded so that after the Stud has been removed the tool can be screwed into the bushing shell pulling it easily. A feature of this tool is the special Ball Bearing Nut. It speeds up the operation. Complete set Perch Stud Puller has only three parts. You'll find it perfect for the job.

- No. F1100—Perch Stud Puller \$3.95
- No. F1100T—Perch Stud Puller (truck size 1 1/2")..... 4.95

HEAVY DUTY VALVE LIFTER BAR

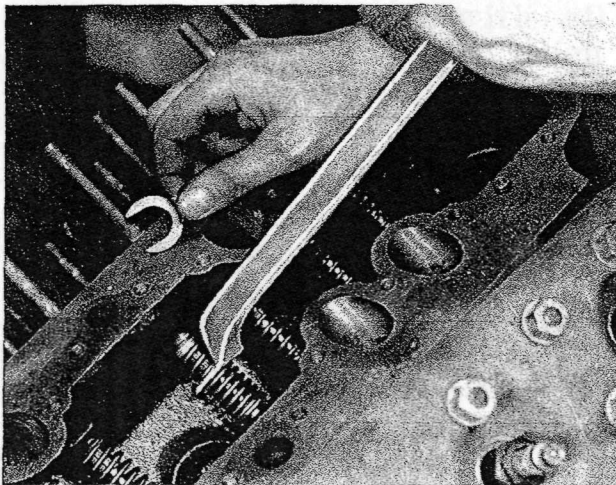


Illustration shows tool pulling down Valve Spring and Guide to remove Lock. When Lock is removed turn tool over and pry Valve Spring and Guide out of Motor Block. Fork end of tool is notched to properly fit Valve Guide. In order to give you plenty of leverage the tool is 24" long.

- No. F1104—Heavy Duty Valve Lifter Bar.....\$1.50

GASOLINE FILLER
NECK COUPLING
WRENCHES

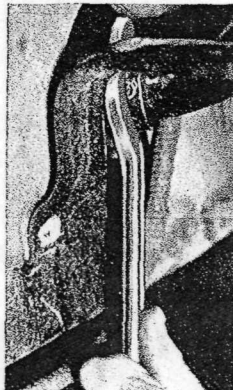
Wrench No. F1102 tightens Coupling on passenger car models. On Ford Pick-up Models use wrench No. F1103.

- No. F1102—Filler Neck Coupling Wrench.. \$1.00

- No. F1103—Filler Neck Coupling Wrench.. 1.75

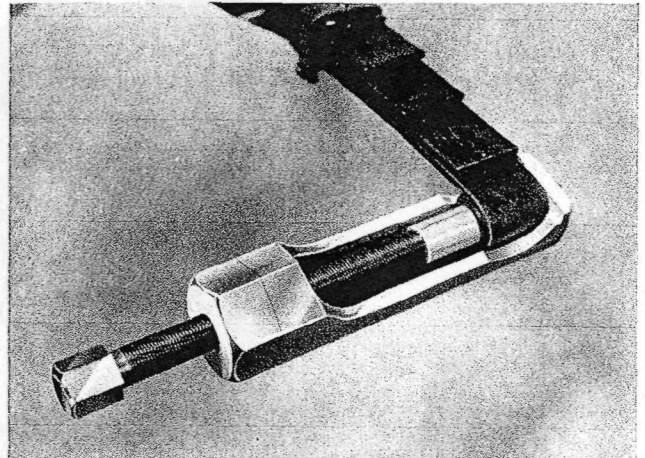


F1103



F1102

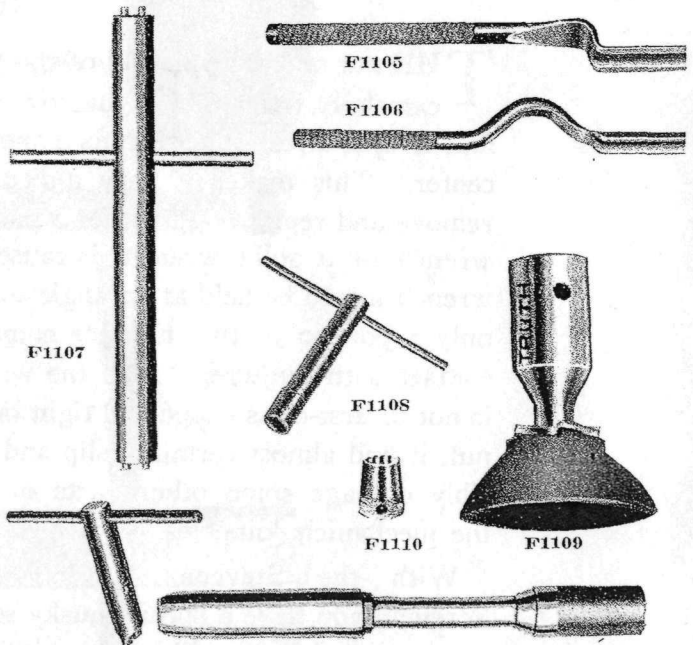
SPRING AND PERCH SHACKLE STUD
REMOVER AND REPLACER



Tool is shown in operation removing Spring Shackle Stud. Nipples are furnished so the tool may be used to remove and replace Spring Shackle Studs on all V8 models and also remove and replace Perch Shackle Studs on all models except 1935 and 1936. In the later models the tool is used to push in new Perch Studs but not to remove them. We recommend tool No. F1100 for that purpose.

- No. F1101—Spring and Perch Shackle Stud Remover and Replacer \$6.50
- 3/4" Nipple50
- 1/2" Nipple50

HIGH QUALITY SMALL TOOL
EQUIPMENT



- F1105
- F1106
- F1107
- F1108
- F1110
- F1109
- F1111
- F1112
- No. F1105—V8 Valve Guide Punch..... \$1.00
- No. F1106—MA Valve Guide Punch..... 1.00
- No. F1107—V8 Carburetor Jet Wrench..... 1.00
- No. F1108—V8 Carburetor Jet Wrench..... .50
- No. F1109—Valve Grinder Attachment (fits snaks 7/16" or under)65
- 3 extra Rubber Cups for above tool25
- No. F1110—9/16" 12 Point Connecting Rod Socket (made from Chrome-Molybdenum Steel)55
- No. F1111—V8 Shock Absorber Adjuster..... .50
- No. F1112—V8 Piston Pin Inserter..... 1.85
- No. F1113—MA Piston Pin Inserter (not illustrated).. 2.50
- No. F1114—9/16" 8 Point Main Bearing Bolt Socket (not illustrated)60
- No. F1115—MA Carburetor Jet Wrench (not illustrated) 1.15

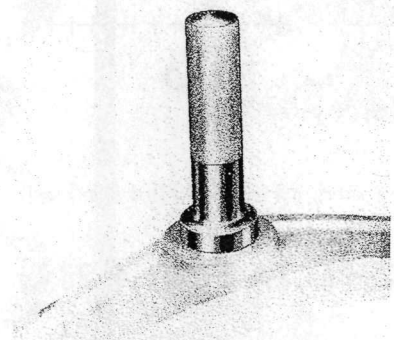
READ THE
TRUTH
GUARANTEE



FRONT AXLE 8N FORD TRACTOR

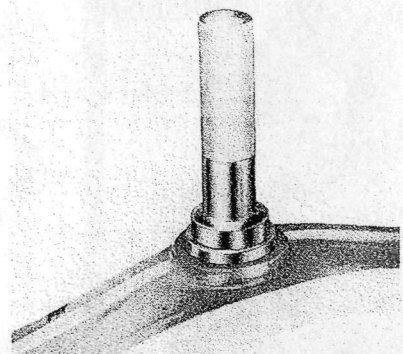
1949

7



Center Axle Pin Bushing Remover TR-3039A

A special Driver for removing center axle bushing (3039). In the 8N Ford Tractor this is a solid bushing. It can be easily removed with this tool which enters the bushing with a center plug or guide. Bushing is driven out against shoulder on tool without upsetting edge of bushing. These precautions prevent damage to hole and makes replacement bushing a factory-like job.

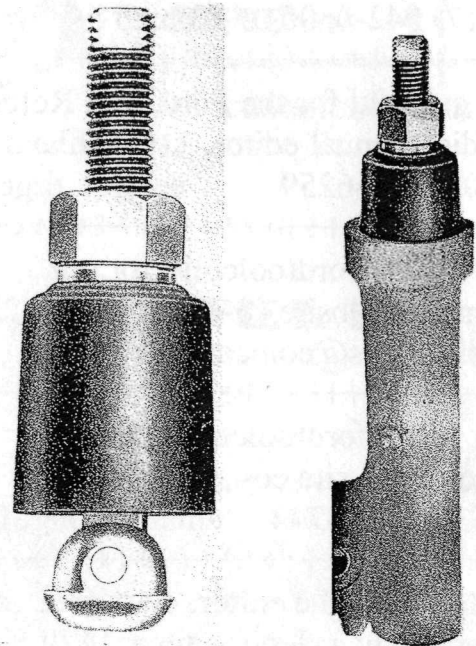
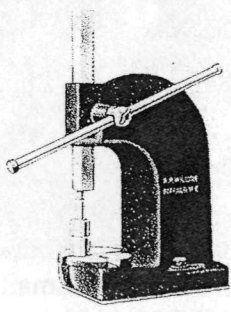


**Replacing Adapter for Center Axle
Pin Bushing Remover TR-3039B**

The illustration above shows the Adapter TR-3039B applied to the end of the Center Axle Pin Bushing Remover which now makes the tool a Replacer. Bushing is center guided and inserted without upsetting. The Adapter acts as a stop so that bushing will always be inserted flush with boss on axle. A well made tool, machined to close limits of accuracy.

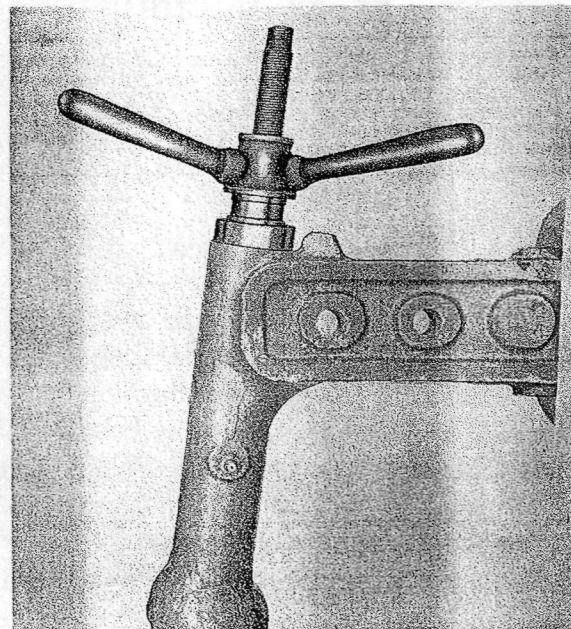
KRW Arbor Press No. 37N

Hundreds of jobs in the Tractor Service Shop now being done with vises and sledge hammers can be done quicker, better and with better control with a KRW Arbor Press. This is a heavily constructed bench type Press with a rated capacity of 3 tons. Rack and Pinion are of steel with machine cut teeth. Will take work up to 14-3/4" diameter. Largest arbor 1-5/8". Base 7" x 19-1/2". Every Tractor Shop should have one.



Spindle Bushing Puller TR-3109A

Much better than driving old bushings out is the use of this special KRW Spindle Bushing Puller. Removes old bushings squarely so that recess is not enlarged or disturbed. Bushings are removed quickly one at a time.



Spindle Bushing Press TR-3109B

A very necessary tool for rebushing the front spindle. Both bushings are replaced in one operation with the piloted "draw-in" press. Bushings are correctly installed without danger of upsetting the ends. Good work demands good tools.

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Articles, letters to the editor, classified ads.

Phil Anderson, newsletter editor, 1420 Hidden Lake Drive, Placerville, CA 95667
Phone (530) 622-1343 email soquili@earthlink.net

CLASSIFIED ADS

FOR SALE. Many Ford script tools, 3Z-000 & 5Z-000, hand tools, jacks, tire pumps, etc. Email me with your needs. Gary Clonts, Oklahoma City. phone (405) 620-2655 email ggcinvest@aol.com

FOR SALE. Ford & Fordson wrenches. Many different farm implement wrenches & companies. Three different Cadillac wrenches. Dusty Hanan. phone (608) 873-5803.

WANTED. Fordson screwdriver. George Oja, 19 Pelican Avenue, Worcester. MA 01605-1123

WANTED. Manzel tools. 6701oil seal forming tool or Ford# T52T-6701-ADJ. Camshaft bearing plugs 6261-C-5, 6261-C-6, 6261-C-8, 6261-E, or Ford # T54T-6250-B. Louis Sumas, 7495McLellan Drive, Cleveland, Ohio 44146 phone (440) 439-5628 email Lsuma5@aol.com

WANTED TO BUY. 1. Original grease gun for Ford 9N tractor, Part # 9N-17125-A. 2. Original Ford 9N tractor jack, Part # 9N17078, assembly (jack 9N17080, handle 9N17081). 3. 9N17014 plow wrenches numbers 1,2,3,4,6,7,8,30,31.

WANTED, BUY/TRADE. Harrold Tool pliers, part # B-17025-A2. Need good set for my book I'm writing.

FOR SALE. Complete, original N-series Ford tractor tool kits with new reproduction tool bag, \$150 plus shipping. Also have Model A tool kits and individual Model A & T tools. Email me with your needs.

Tim Daley, email Daleynews4@yahoo.com phone (810) 338-1391