

(9) Remove the inner and outer axle housing nuts. Use a slide hammer to loosen the inside bearing (Fig. 4-30).

(10) After the inner housing and bearing has been removed, install the outer housing again and fasten with two of the nuts.

(11) Straighten the flat washer between the axle nut and the sprocket and install the rear guide tool. Fasten it with two nuts (Fig. 4-31).

(12) Use a long bar across two wheel lugs on the axle to turn the axle nut off the axle (Fig. 4-32).

(13) Remove the two hub nuts and slide the axle, with outer hub, out of the machine.

(14) Lift the sprocket out of the reservoir.

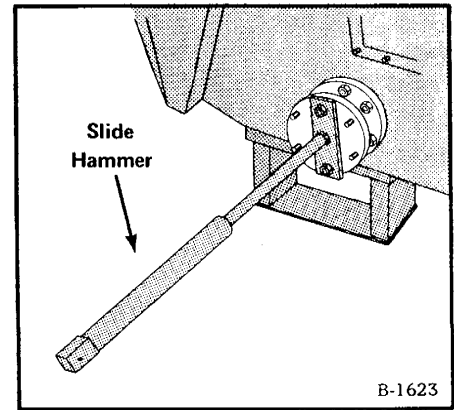


Fig. 4-30 Axle Removal

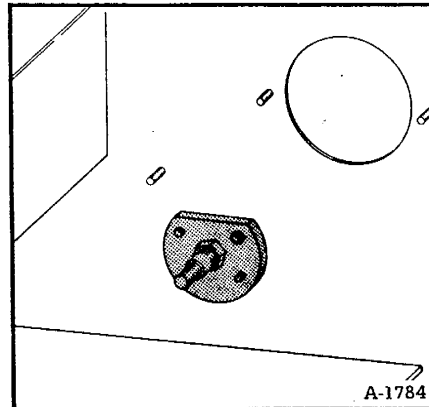


Fig. 4-31 Axle Guide Tool

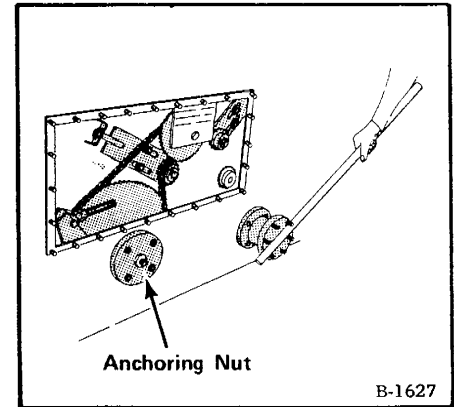


Fig. 4-32 Removing Anchoring Nut

#### 4-9.2 To Install New Axle Bearing and Seal

(1) Remove the axle housing from the axle shaft by hitting the end of the axle on a block of wood (Fig. 4-33).

(2) Remove the axle bearing from the axle shaft with a bearing puller (Fig. 4-34).

(3) Install a new bearing and seal into the axle housing. The outer seal should be even with the outer edge of the housing. Both seal lips must be toward the inner side (Fig. 4-35).

(4) Use a driver to force the axle housing and bearing assembly onto the shaft, or use a hydraulic press with a driver (Fig. 4-36).

(5) Put the spacer sleeve on the axle.

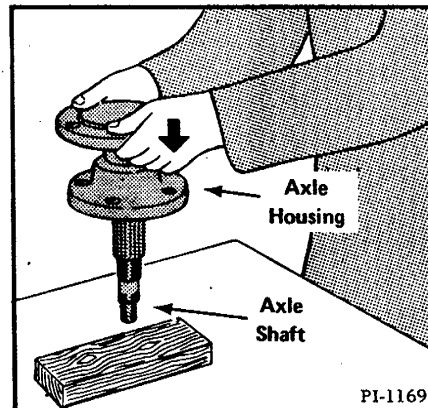


Fig. 4-33 Removing Axle Hub

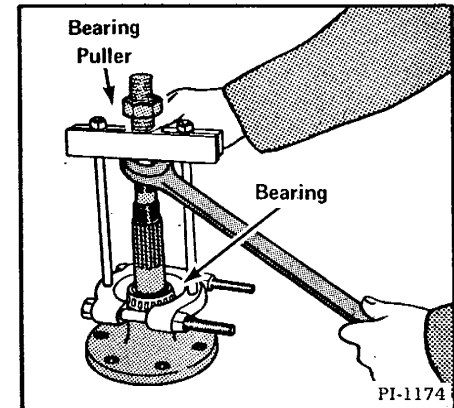


Fig. 4-34 Removing Axle Bearing

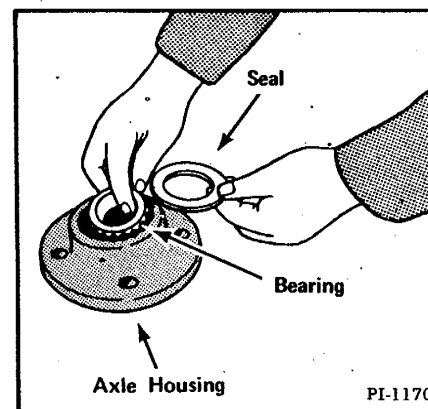


Fig. 4-35 Installing Bearing and Seal

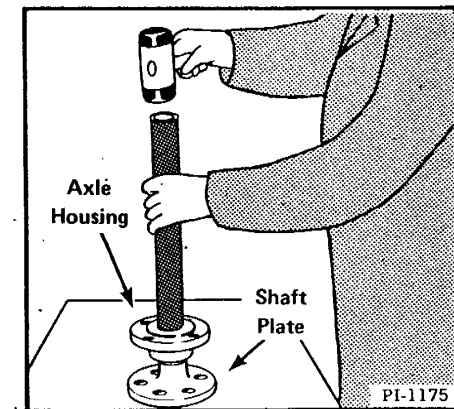


Fig. 4-36 Driving Hub and Bearing

#### 4-9.3 To Install the Axle

(1) Put the sprocket into the housing so that the two flat areas on the hub are toward the inside of the loader.

(2) Install the axle in the machine and put the locking washer with one edge bent over one of the sprocket flat areas (Fig. 4-37).

(3) With the axle guide tool installed on the inside axle housing studs, install the axle nut.

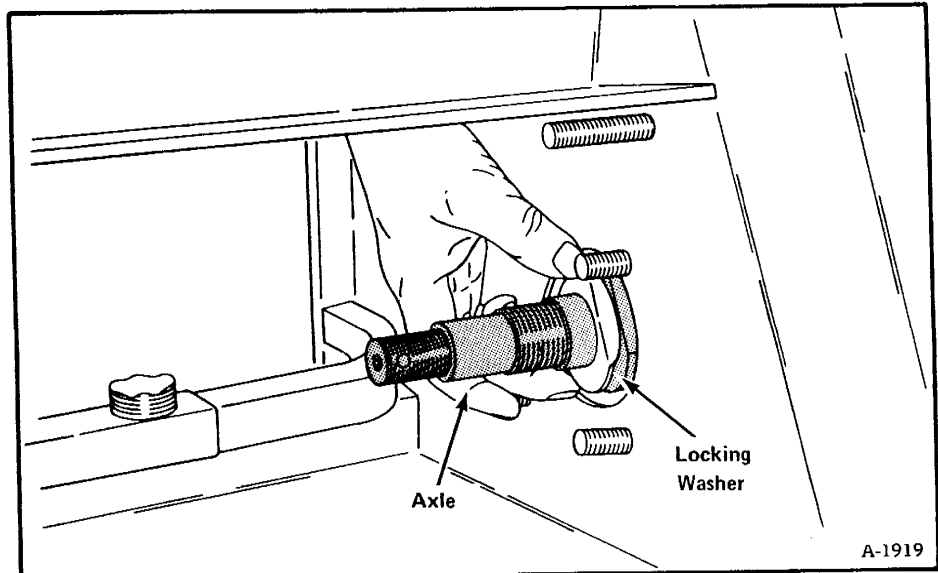


Fig. 4-37 Installing the Axle

(4) Use a long bar to tighten the axle nut to about 400 ft.-lbs. torque.

(5) Remove the axle guide tool from the inside tank wall.

(6) Bend the locking washer over a flat area on the axle nut 180° away from the bent part on the sprocket (Fig. 4-38).

(7) Install the support spacer.

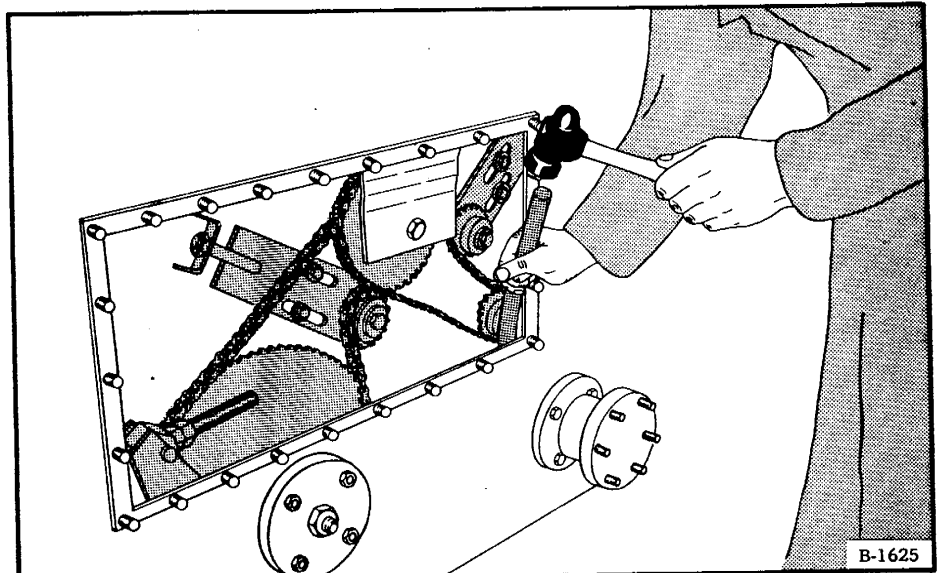


Fig. 4-38 Bending the Locking Washer

(8) Install the bearing, retaining washer and castle nut. Tighten the castle nut until a little resistance is felt while turning the axle. Install the cotter pin and hubcap.

(9) Connect the final drive chain (See "Final Drive Chain", Paragraph 4-3.5).

(10) Install all other items which were removed earlier.

# MAIN FRAME

	Paragraph Number	Page Number
BOB-TACH . . . . .	5-1	5-1
FUEL TANK . . . . .	5-4	5-2
GRILL ASSEMBLY . . . . .	5-3	5-2
LOADER LIFT ARM ASSEMBLY . . . . .	5-2	5-1

**MAIN FRAME**

