

AXLE, BEARING AND SPROCKET (Cont'd)

Removal and Installation (Cont'd)

Use the bearing cup installation tools (Item 1) [A] and (Item 1) [B] and the long threaded rod (Item 2) [B] from the service set to install the inner and outer bearing cups.

Put the inner bearing cup in the axle tube (Item 2) [A].

Put the installation tool (Item 1) [A] in the axle tube.

Install the long threaded rod (Item 2) [B] into the axle tube and through the installation tool (Item 1) [A].

Secure the tool to the threaded rod with a nut (Item 3) [A].

Put the installation tool (Item 1) [B] in the axle tube with the threaded rod through the hole in the tool.

Secure the tool to the threaded rod with a nut [B].

Hold the inside nut (Item 3) [A] with a wrench and tighten the outside nut as shown in photo.

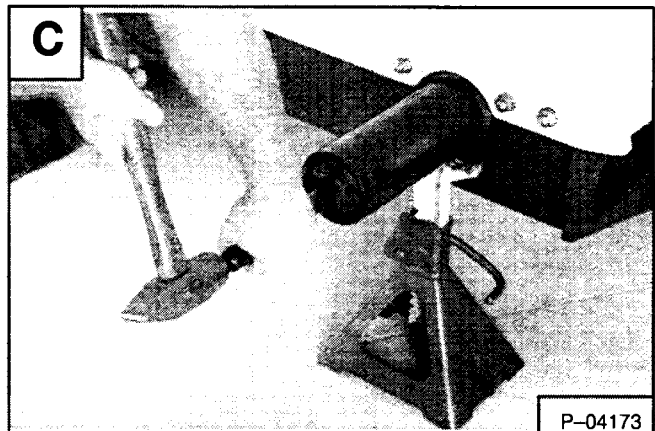
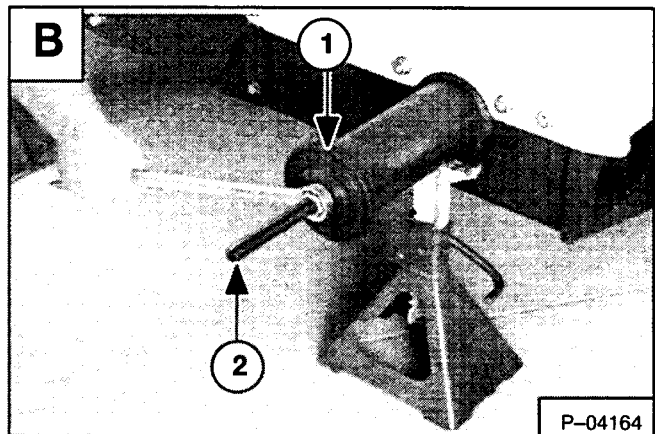
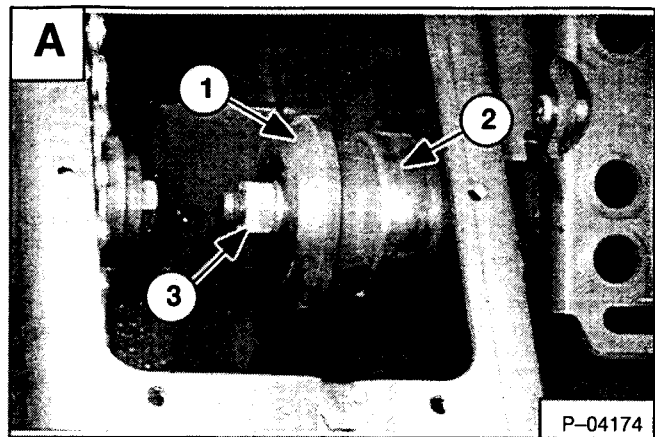
Tighten the nut until the bearing cup is seated.

To install the outer bearing cup, use the short rod and the bearing cup tool used for removing the bearing cups.

Put the bearing cup tool on the short rod.

Put the bearing cup in the axle tube and put the tool into the tube over the bearing cup [C].

Hit the short rod with a hammer until the bearing cup is seated inside the axle tube.



DRIVE CHAIN

Removal

Raise the loader lift arms and install an approved lift arm support device. (See Page 1-1.)

Lift and block the loader. (See Page 1-1.)

Raise the loader operator cab. (See Page 1-1.)

Drain the fluid from the chaincase. (See Page 4-4.)

Remove the engine speed control. (See Page 7-1.)

Remove the control panel. (See Page 3-1.)

Remove the traction lock assembly. (See Page 8-1.)

Remove the center chaincase cover. (See Page 4-6.)

Remove the front (or rear) chaincase cover. (See Page 4-7.)

Remove the front (or rear) axle and sprocket. (See Page 4-7.)

Remove the parking brake disc (Item 1) [A]. (See Page 4-4.)

Remove the six carrier mounting bolts (Item 2) [A] from inside the chaincase.

Installation: Tighten the motor carrier mounting bolts to 125-140 ft.-lbs. (170-190 Nm) torque.

Tip the end of the cluster sprocket on the motor carrier toward the rear of the loader and remove the rear drive chain from the sprocket.

NOTE: It may be necessary to tie the front drive chain up as shown in photo [B], so the carrier/motor assembly can be moved enough to free the rear drive chain (Item 1) [B] from the sprocket.

Remove the front drive chain from the chaincase.

The tool listed is needed for the following procedure:

MEL1037 – Chain Link Tool

Installation: If a new chain is installed, a connector link must be used to connect the chain together.

Use MEL1037 Chain Link Tool and #80 chain adapter.

Secure the tool and place the connector link in the tool as shown [C].

Turn the threaded rod of the tool and press the connector link together on the chain [C]. Tighten the threaded rod of the chain link tool to 180 ft.-lbs. (244 Nm) torque.

