

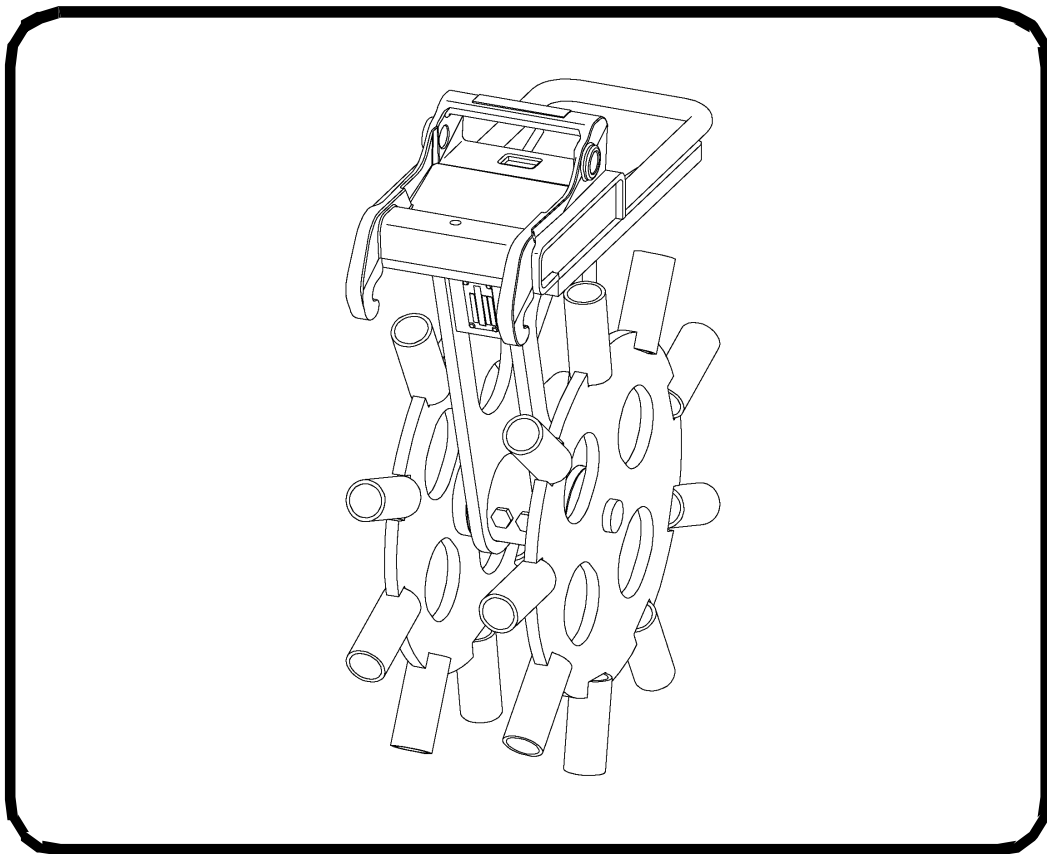


Bobcat®

Operation & Maintenance Manual

Packer Wheel

(Packer Wheel) S/N 664400101 & Above



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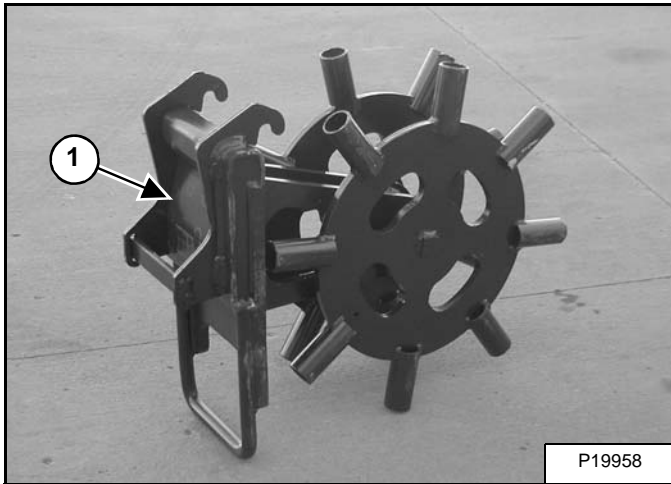


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DAILY INSPECTION

Attachment Mounting Frame

Figure 3



Inspect the packer wheel mount (Item 1) [Figure 3] and all welds on the mount for wear and damage each time the packer wheel is removed from the machine.

Bob-Tach

Hand Lever Bob-Tach

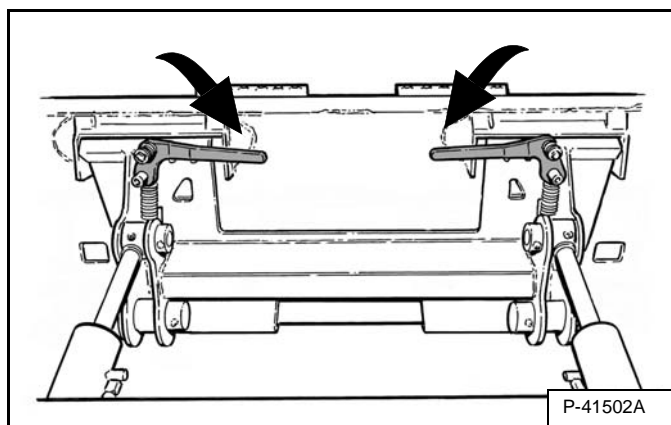


AVOID INJURY OR DEATH

The Bob-Tach wedges must extend through the holes in the attachment mounting frame. Levers must be fully down and locked. Failure to secure wedges can allow attachment to come off.

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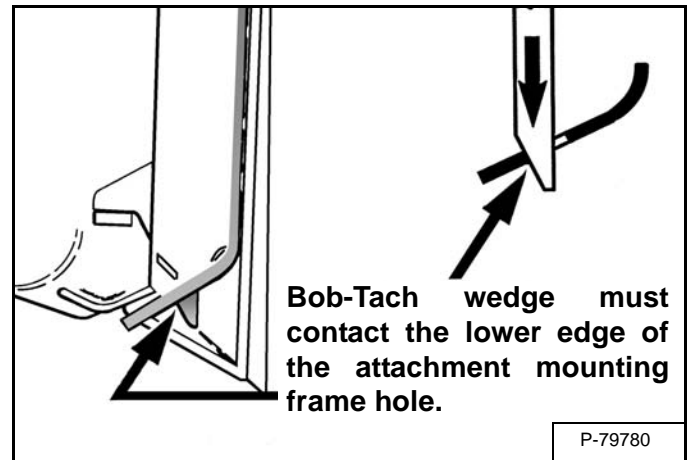
Figure 4



Push down on the Bob-Tach levers until they are fully engaged in the locked position [Figure 4] (wedges fully extended through the attachment mounting frame holes).

The levers and wedges must move freely [Figure 4].

Figure 5



The wedges must extend through the holes in the attachment mounting frame, securely fastening the attachment to the Bob-Tach [Figure 5].

NOTE: If the wedge does not contact the lower edge of the hole, the attachment will be loose and can come off the Bob-Tach.

Inspect the mounting frame on the attachment. (See the machine's Operation & Maintenance Manual for inspecting the Bob-Tach). Replace any parts that are damaged, bent or missing. Keep all fasteners tight. Look for cracked welds. Contact your Bobcat dealer for repair or replacement parts.

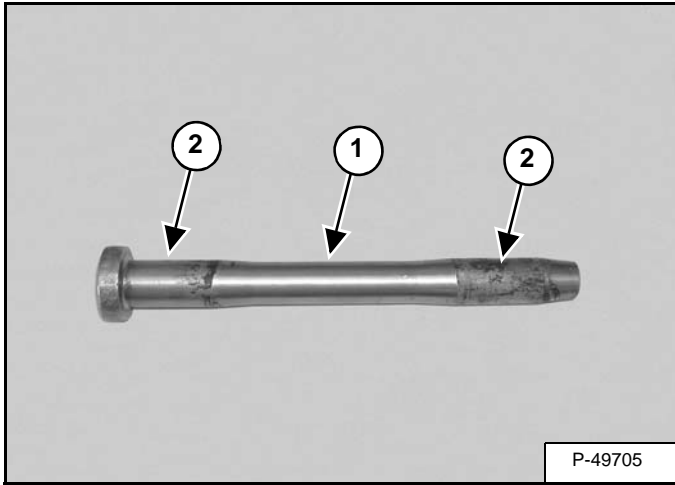
Lubricate the wedges. (See the machine's Operation & Maintenance Manual for the correct procedure.)

OPERATING PROCEDURE WITH LOADERS (CONT'D)

Installation (Cont'd)

Bob-Tach / X-Change Mounting Frame (Pin-On) (Cont'd)

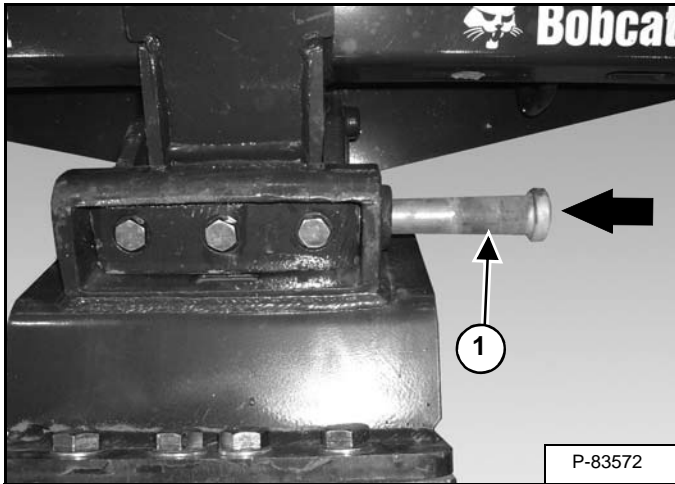
Figure 35



Inspect the pin (Item 1) [Figure 35] for wear or damage. Replace the pin as needed.

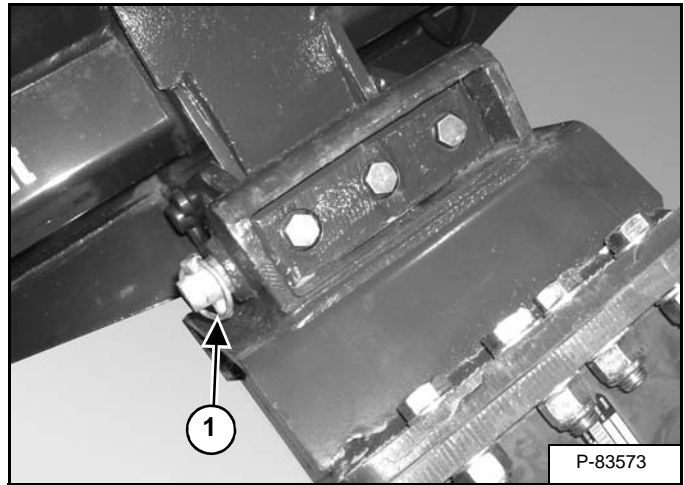
Apply a light coat of grease to the ends of the pin (Item 2) [Figure 35].

Figure 36



Drive the pin (Item 1) [Figure 36] through the attachment mount and Bob-Tach / X-Change mounting frame.

Figure 37



Install the retainer pin (Item 1) [Figure 37].

OPERATING PROCEDURE WITH LOADERS (CONT'D)

Removal (Cont'd)

Bob-Tach / X-Change Mounting Frame (Bolt-On)

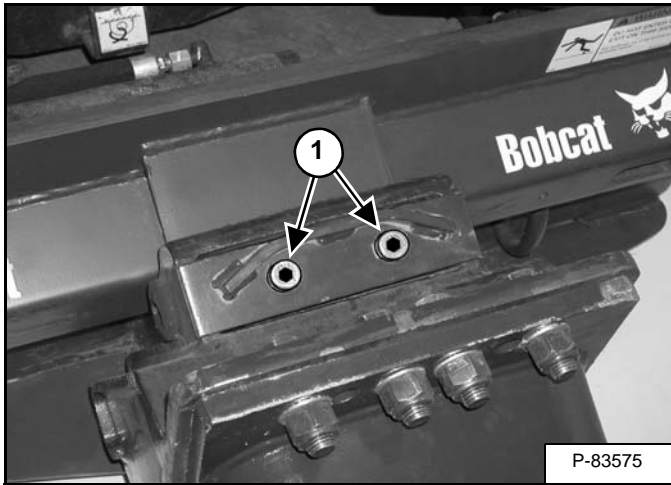
Park the loader on a flat and level surface.

Lower the attachment fully to the ground.

Stop the engine.

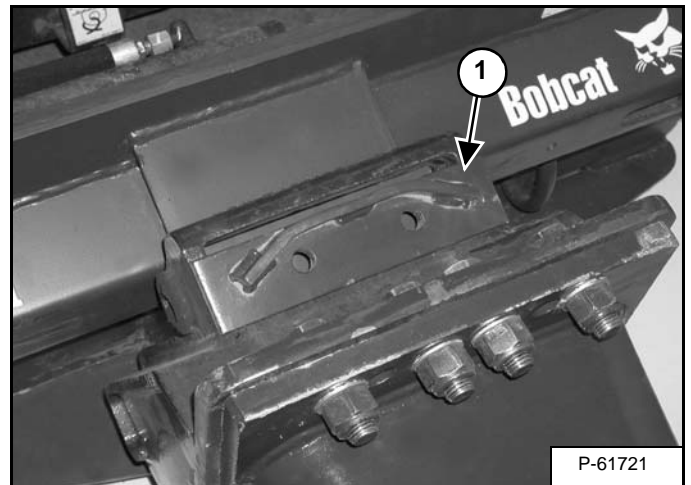
Exit the loader. (See Entering And Exiting The Loader on Page 25.)

Figure 66



Remove the bolts (Item 1) [Figure 66].

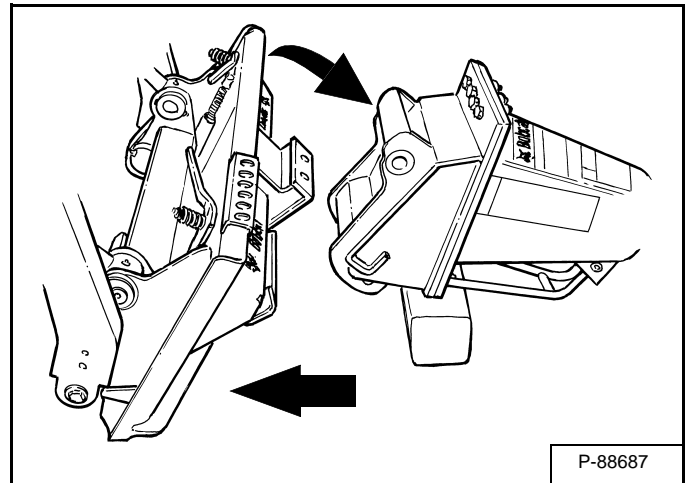
Figure 67



Remove the plate (Item 1) [Figure 67].

Move to the operator's position and start the engine.

Figure 68



Tilt the Bob-Tach forward while backing the loader away from the breaker [Figure 68].

NOTE: In muddy conditions or to prevent the attachment from freezing to the ground, put the attachment on planks or blocks before removing the attachment from the loader.

OPERATING PROCEDURE WITH EXCAVATORS (CONT'D)

Installation (Cont'd)

Automatic Latch X-Change (If Equipped)

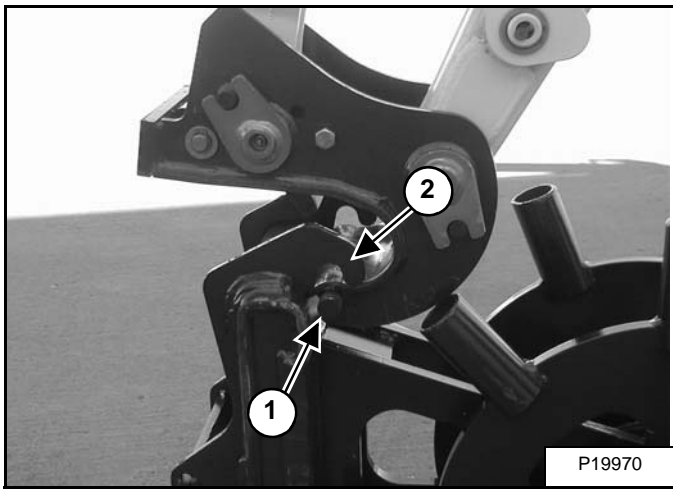
Enter the excavator. (See Entering And Exiting The Excavator on Page 49.)

Start the engine. (See the excavator's Operation & Maintenance Manual and Operator's Handbook for correct procedure.)

Retract the excavator bucket cylinder.

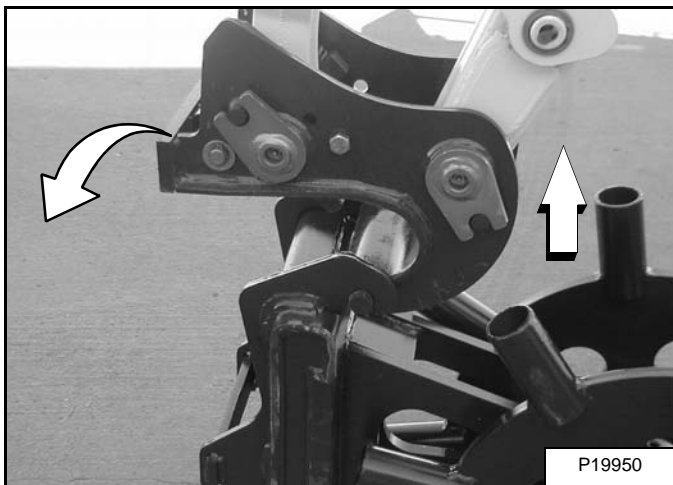
Move the arm towards the packer wheel.

Figure 98



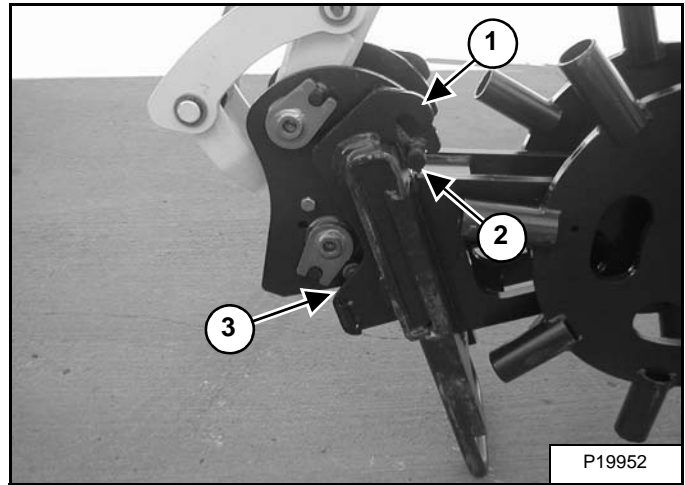
Raise the boom until the pins (Item 1) engage the hooks (Item 2) [Figure 98] on the packer wheel.

Figure 99



Lift the boom and extend the bucket cylinder until the X-Change contacts the packer wheel [Figure 99].

Figure 100



Lower the boom to the ground until the hooks (Item 1) of the packer wheel disengage the pins (Item 2) of the X-Change and the X-Change engages in the packer wheel crossmember (Item 3) [Figure 100]. The latch must engage the inclined surface of the striker plate.

Check for proper installation.

After the installation of the packer wheel, lift the packer wheel approximately 304,8 mm (12 in) and fully extend and retract the bucket cylinder to ensure the packer wheel is securely attached to the X-Change.

OPERATING PROCEDURE WITH LOADER BACKHOES (CONT'D)

Control Functions



Operator must have instructions before operating the machine. Untrained operators can cause injury or death.

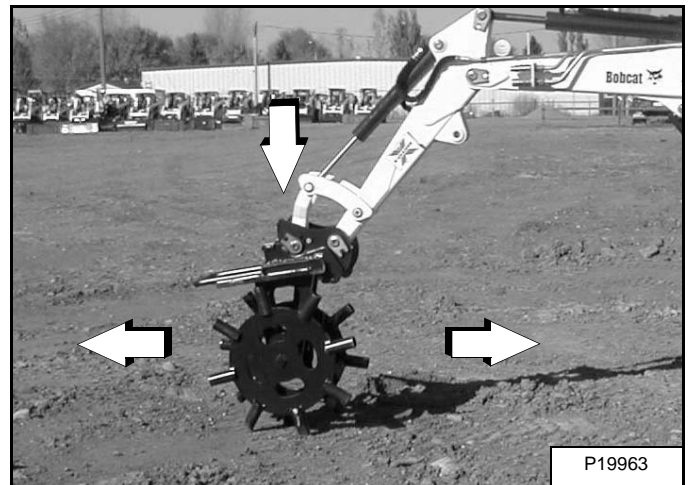
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Use the left and right backhoe control levers to control the movement of the arm, boom and bucket cylinders to operate the packer wheel. (See the loader backhoe's Operation & Maintenance Manual and Operator's Handbook for detailed information on operating the loader backhoe.)

Operation With The Loader Backhoe

The packer wheel penetrates through the lift of the trench fill and compacts the soil from the bottom up. This eliminates bridging and voids in the soil. The boom and arm functions are used to roll the wheel through the trench. Excessive down force (loader backhoe rear tires should remain on the ground) is not necessary to achieve proper compaction. Six to ten passes over the material should be sufficient to achieve 95% or greater density in normal conditions. The experienced operator should be able to tell through the hydraulic controls if the required compaction has been obtained. Some loose soil (approximately 304,8 mm (12 in) the depth) will remain on top of the compacted soil.

Figure 132



Position the packer wheel in the area to be packed.

Using the boom joystick control lever, lower the boom until the packer wheel is firmly on the ground [Figure 132].

NOTE: Do not use excessive boom or arm down pressure that raises the loader backhoe rear wheels off of the ground.

Move the arm forward and back while raising and lowering the boom as necessary to compact the soil [Figure 132].



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