

Product: 2007 Bobcat Silt Fence Installer Service Repair Workshop Manual(S/N A74W00101 & Above)

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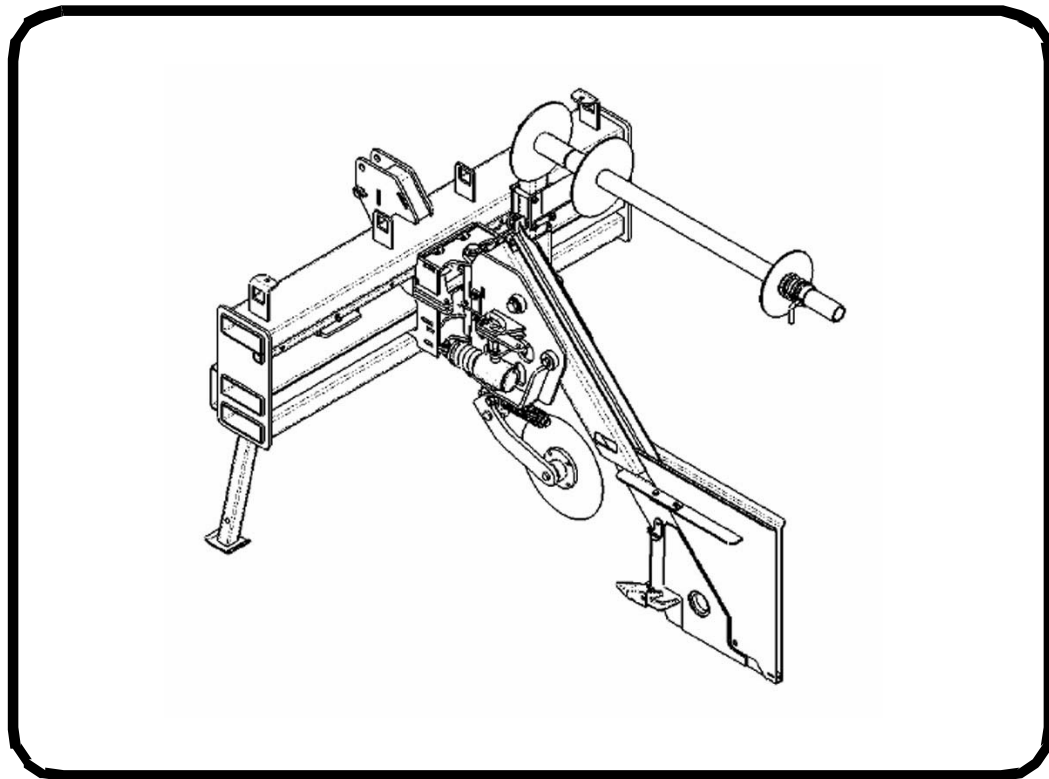
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Bobcat®

Service Manual Silt Fence Installer

S/N A74W00101 & Above



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MAINTENANCE SAFETY

WARNING

Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual, Handbook and signs (decals) on machine. Follow warnings and instructions in the manuals when making repairs, adjustments or servicing. Check for correct function after adjustments, repairs or service. Untrained operators and failure to follow instructions can cause injury or death.









W-2003-0199

 **Safety Alert Symbol:** This symbol with a warning statement, means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows.

CORRECT



B-10731A

-  Never service attachments without instructions. See Operation & Maintenance Manual and Attachment Service Manual.
-  Cleaning and maintenance are required daily.
-  Never service or adjust attachment with the engine running unless instructed to do so in the manual.
-  Always lower the attachment to the ground before lubricating or servicing.
-  Avoid contact with leaking hydraulic fluid or diesel fuel under pressure. It can penetrate skin or eyes.
-  Stop, cool and clean engine of flammable materials before checking fluids.
-  Keep body, loose objects and clothing away from moving parts, electrical contacts, hot parts and exhaust.
-  Safety glasses are needed for eye protection from electrical arcs, battery acid, compressed springs, fluids under pressure and flying debris or when tools are used. Use eye protection approved for type of welding.



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REFERENCE INFORMATION

Write the correct information for YOUR silt fence installer in the spaces below.
Always use these numbers when referring to your silt fence installer.

Silt Fence Installer Serial Number

NOTES:

YOUR BOBCAT® DEALER:

ADDRESS:

PHONE:

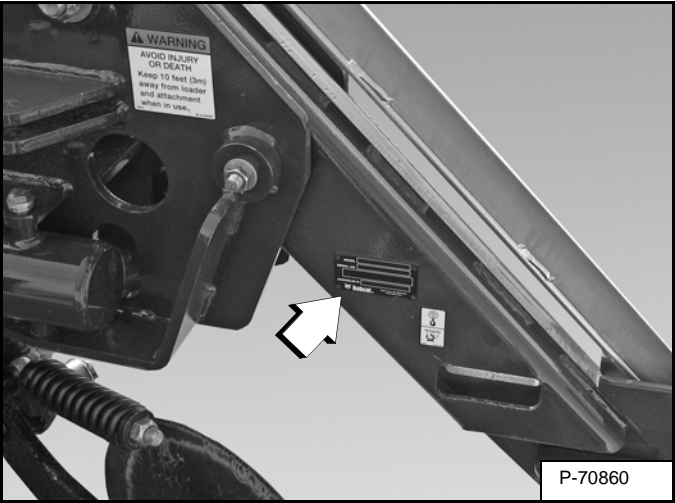
Bobcat Company
P.O. Box 128
Gwinner, ND 58040-0128

Bobcat Company Europe
Drève Richelle 167
B-1410 WATERLOO
Belgium



SERIAL NUMBER LOCATION

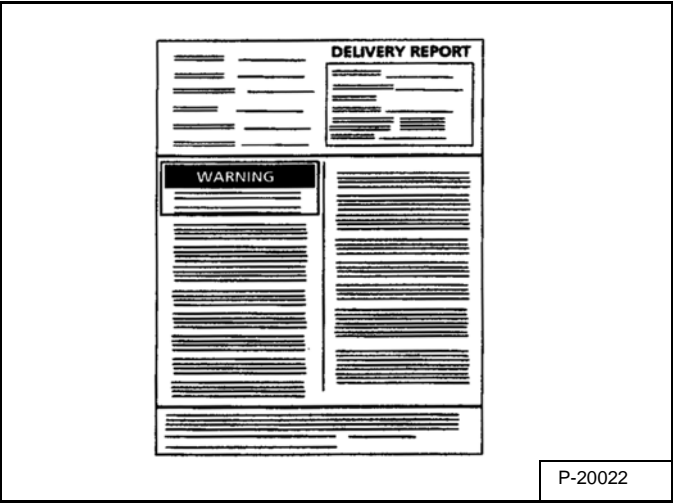
Figure 1



Always use the serial number of the Silt Fence Installer when requesting service information or when ordering parts. Early or later models (identification made by serial number) may use different parts, or it may be necessary to use a different procedure in doing a specific service operation [Figure 1].

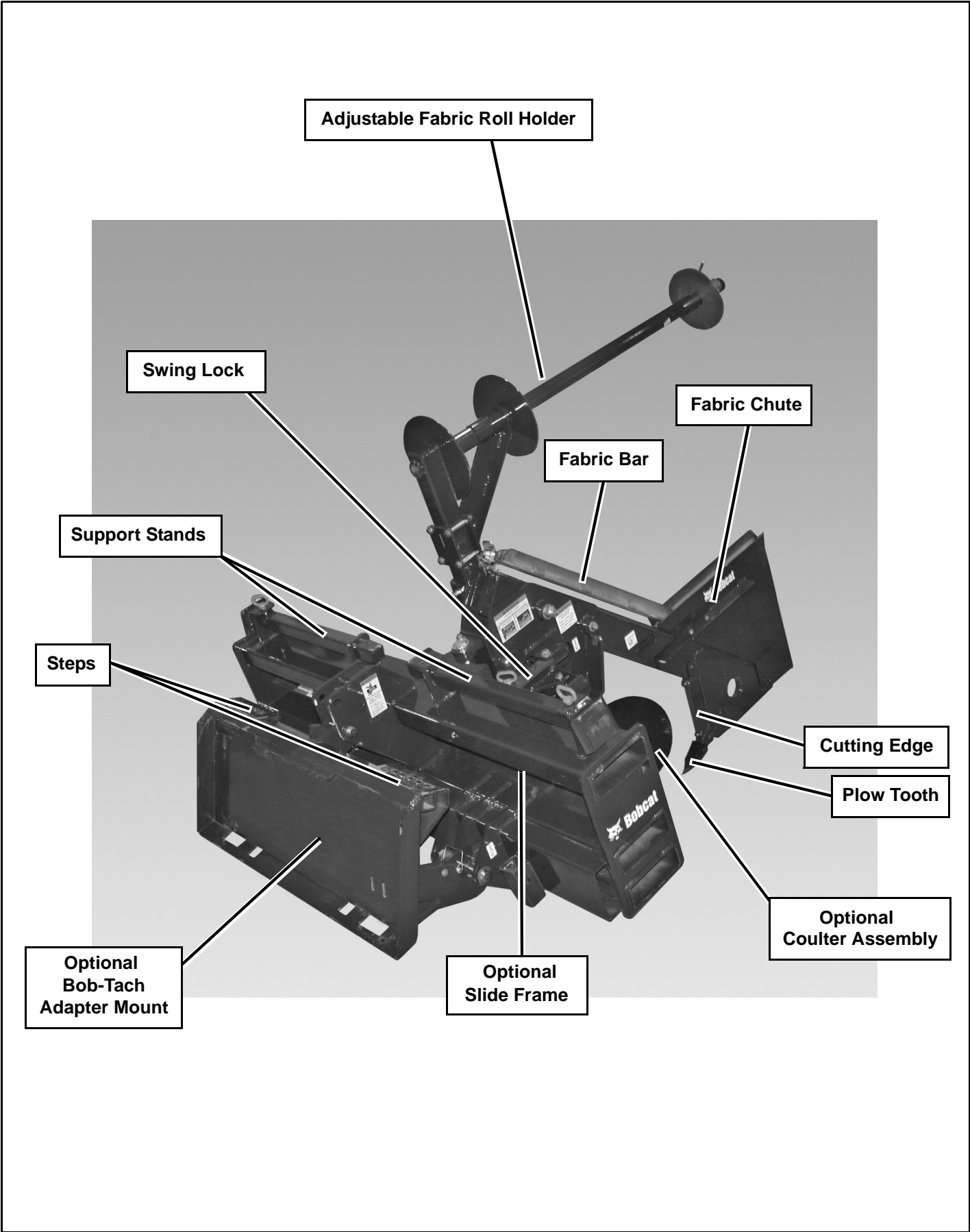
DELIVERY REPORT

Figure 2

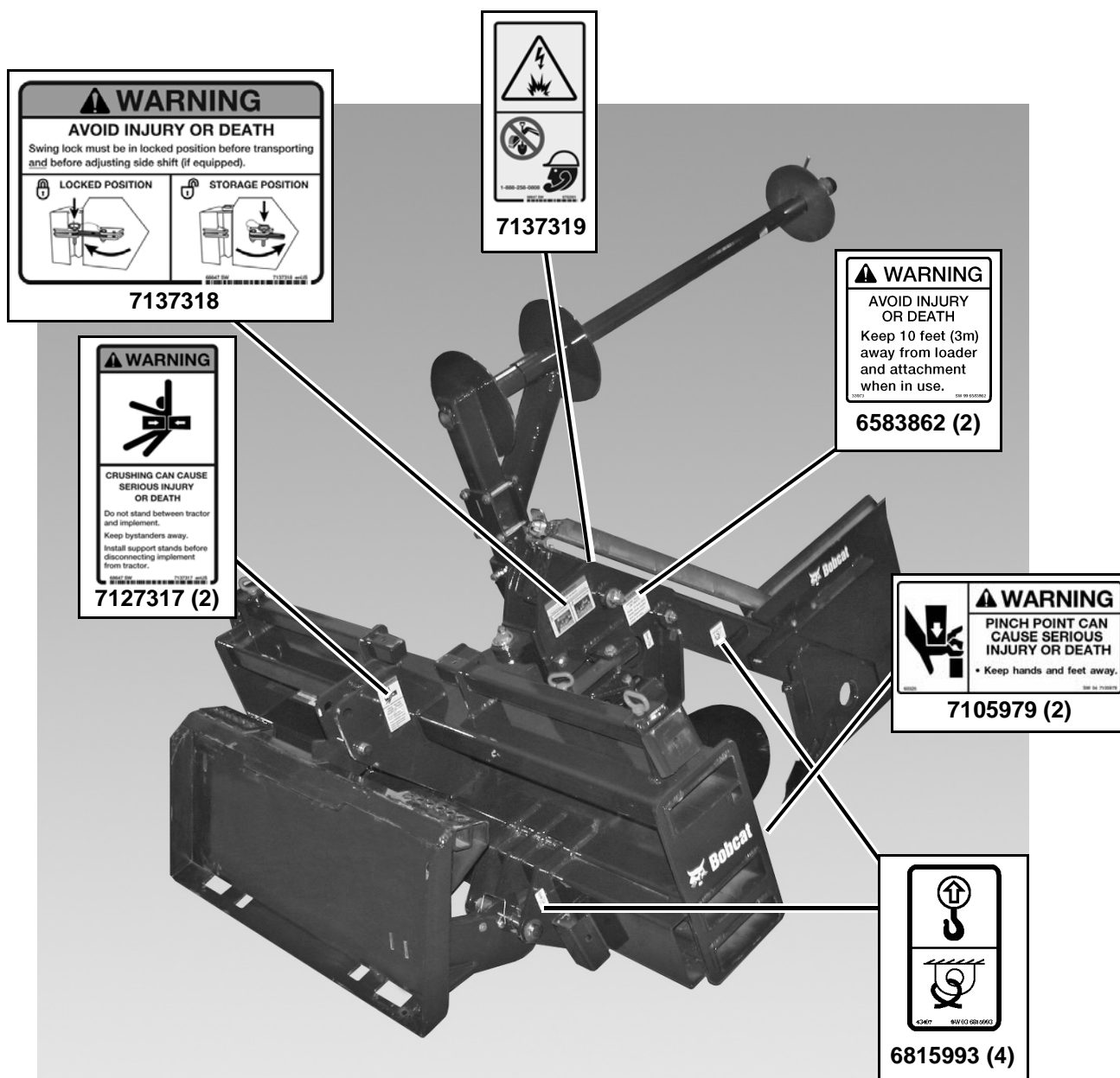


The delivery report must be filled out by the dealer and signed by the owner or operator when the Silt Fence Installer is delivered. An explanation of the form must be given to the owner. Make sure it is filled out completely [Figure 2].

IDENTIFICATION AND MACHINE SIGNS (DECALS)



IDENTIFICATION AND MACHINE SIGNS (DECALS) (CONT'D)





PREVENTIVE MAINTENANCE

DAILY INSPECTION 10-40-1

 Bob-Tach 10-40-2

 Silt Fence Mounting Frame 10-40-1

LUBRICATION 10-20-1

 Lubrication Points 10-20-1

REMOVAL AND REPLACEMENT 10-30-1

 Digging Tooth 10-30-1

TROUBLESHOOTING 10-10-1



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TROUBLESHOOTING

PROBLEM	CAUSE	CORRECTION
Fabric lifting out of the ground.	Fabric installed too shallow.	Adjust depth.
	Silt fence installer not level with ground.	Level silt fence installer.
Fabric doesn't feed through chute correctly.	Fabric twisted in chute.	Remove and reinstall fabric.
	Fabric roll too loose.	Adjust tension on fabric roll.



LUBRICATION

Lubrication Points

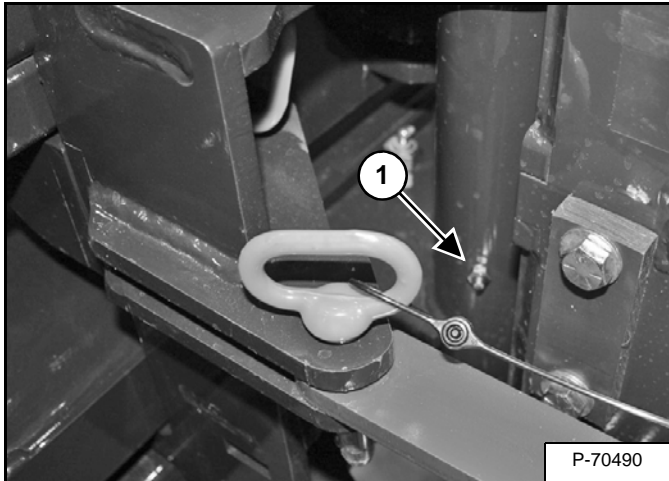
Always use a good quality lithium base multi purpose grease when lubricating the silt fence installer. Apply the lubricant until extra grease shows.

IMPORTANT

Fluid such as engine oil, hydraulic fluid, coolants, grease, etc. must be disposed of in an environmentally safe manner. Some regulations require that certain spills and leaks on the ground must be cleaned in a specific manner. See local, state and federal regulations for the correct disposal.

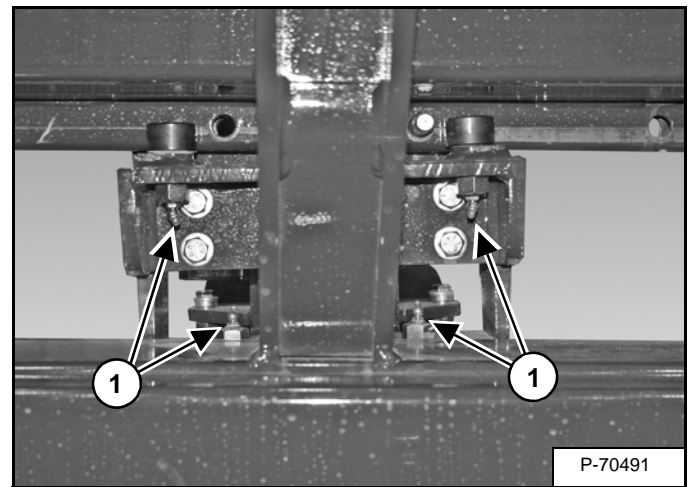
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Figure 10-20-1



Lubricate fitting (Item 1) [Figure 10-20-1] on the center pivot pin.

Figure 10-20-2



Lubricate fittings (Item 1) [Figure 10-20-2] on the optional side shift frame.



REMOVAL AND REPLACEMENT

Digging Tooth

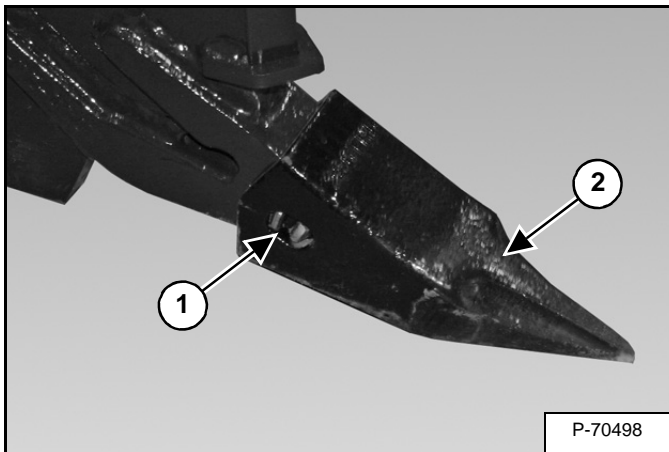
WARNING

Wear safety glasses to prevent eye injury when any of the following conditions exist:

- When fluids are under pressure.
- Flying debris or loose material is present.
- Engine is running.
- Tools are being used.

W-2019-1285

Figure 10-30-1



Remove pin (Item 1) and remove and replace digging tooth (Item 2) [Figure 10-30-1].

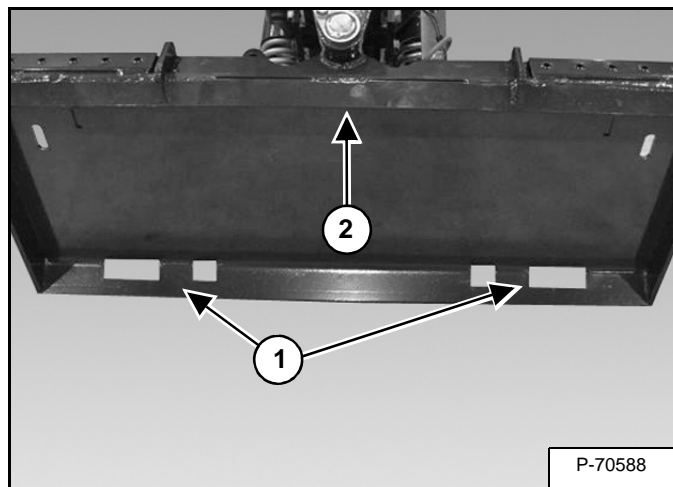


DAILY INSPECTION

Silt Fence Mounting Frame

Bob-Tach

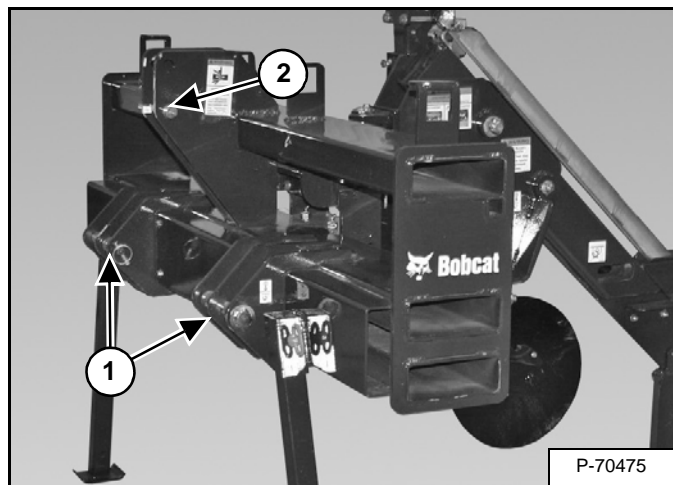
Figure 10-40-1



Inspect the Bob-Tach wedge mount (Item 1), mounting flange (Item 2) [Figure 10-40-1] and all welds on the silt fence installer mount for wear and damage each time the silt fence installer is removed from the loader.

Three Point Hitch

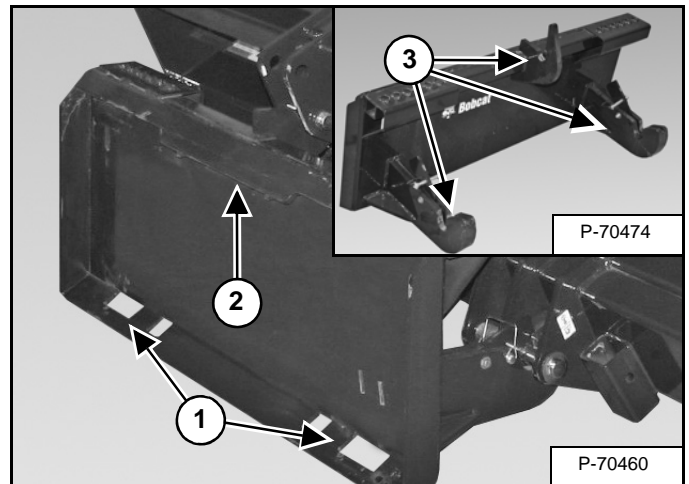
Figure 10-40-2



Inspect the pins (Item 1) (both sides) and upper mount (Item 2) [Figure 10-40-2] and all hardware, each time the silt fence installer is removed from the machine.

Bob-Tach Adapter

Figure 10-40-3



Inspect the Bob-Tach wedge mount (Item 1), mounting flange (Item 2) [Figure 10-40-3] and all welds on the Bob-Tach adapter mount for wear and damage each time the Bob-Tach adapter is removed from the loader.

Inspect three point hitch mounts (Item 3) [Figure 10-40-3] and all welds for wear and damage each time the Bob-Tach adapter is removed from silt fence installer.

DAILY INSPECTION (CONT'D)

Bob-Tach

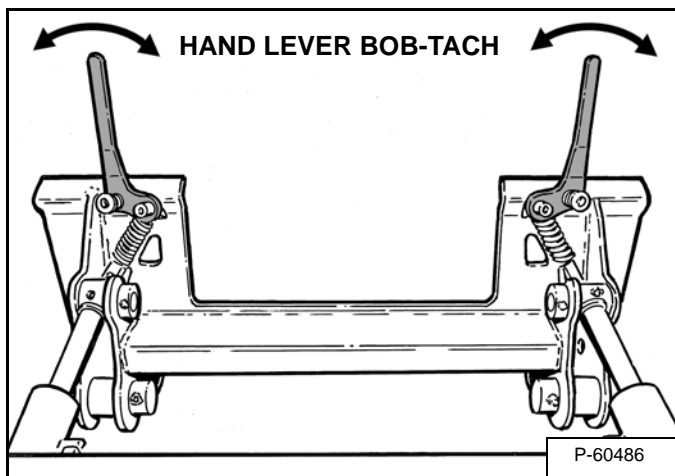
Hand Lever Bob-Tach

! WARNING

Bob-Tach wedges must extend through the holes in attachment. Lever(s) must be fully down and locked. Failure to secure wedges can allow attachment to come off and cause injury or death.

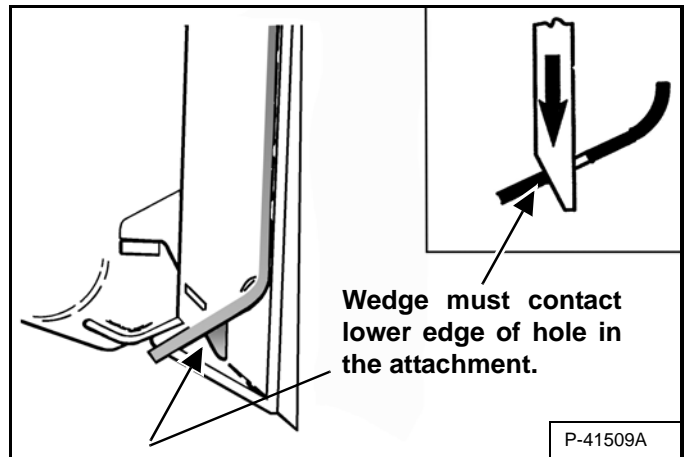
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Figure 10-40-4



Move the Bob-Tach levers to engage and disengage the wedges [Figure 10-40-4]. The levers and wedges must move freely.

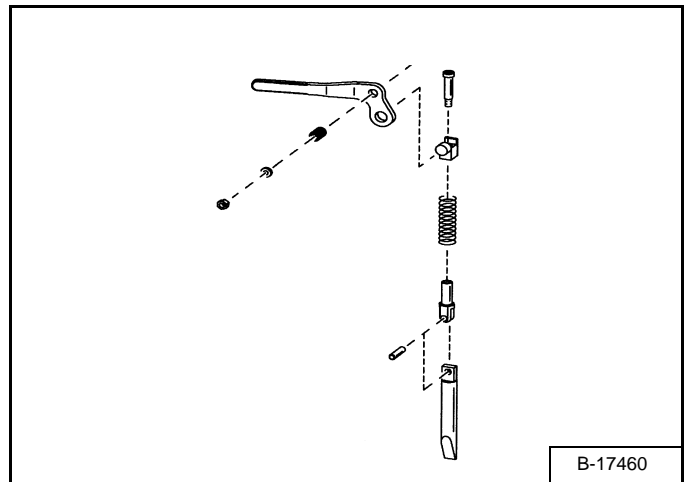
Figure 10-40-5



The wedges must extend through the holes in the attachment mounting frame [Figure 10-40-5].

If the wedge does not contact the lower edge of the hole [Figure 10-40-5], the attachment will be loose and can come off the Bob-Tach.

Figure 10-40-6



Inspect the mounting frame on the attachment and the Bob-Tach, linkages and wedges for excessive wear or damage [Figure 10-40-6]. 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 correct loader Operation & Maintenance Manual for *LUBRICATION OF THE BOBCAT LOADER*.)

DAILY INSPECTION (CONT'D)

Bob-Tach (Cont'd)

Power Bob-Tach Option



WARNING

Bob-Tach wedges must extend through the holes in attachment. Lever(s) must be fully down and locked. Failure to secure wedges can allow attachment to come off and cause injury or death.

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Figure 10-40-7

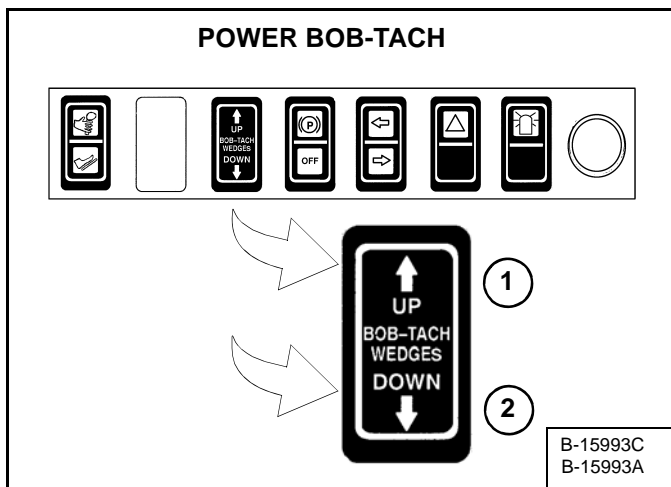
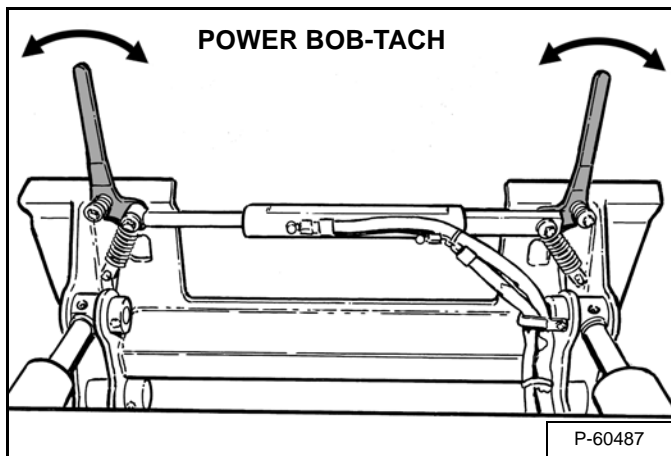


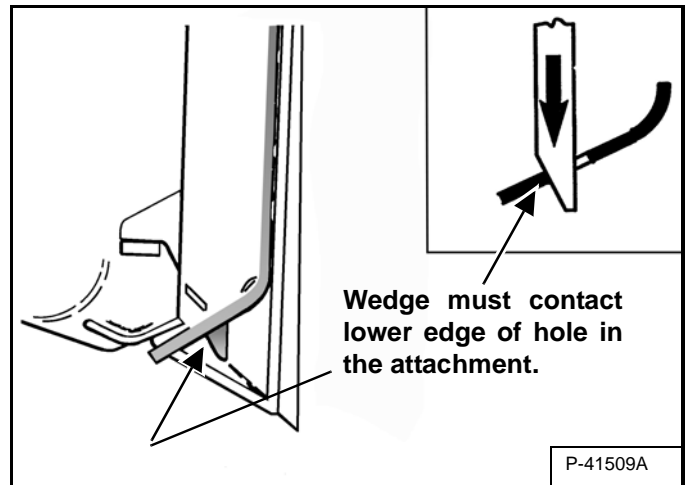
Figure 10-40-8



Push and hold the BOB-TACH WEDGES UP switch (Item 1) until the wedges are fully raised. Push and hold the BOB-TACH WEDGES DOWN switch (Item 2) [Figure 10-40-7] until the wedges are fully lowered.

The levers and wedges must move freely [Figure 10-40-8].

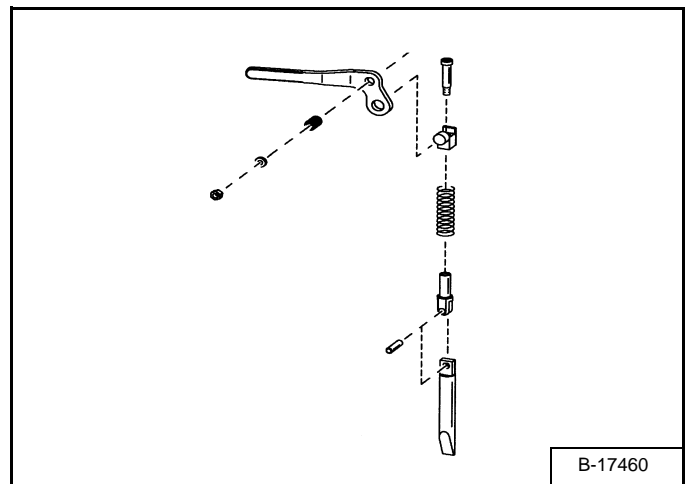
Figure 10-40-9



The wedges must extend through the holes in the attachment mounting frame [Figure 10-40-9].

If the wedge does not contact the lower edge of the hole [Figure 10-40-9], the attachment will be loose and can come off the Bob-Tach.

Figure 10-40-10



Inspect the mounting frame on the attachment and the Bob-Tach, linkages and wedges for excessive wear or damage [Figure 10-40-10]. 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 correct loader Operation & Maintenance Manual for *LUBRICATION OF THE BOBCAT LOADER*.)



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**MAIN
FRAME**