



Bobcat®

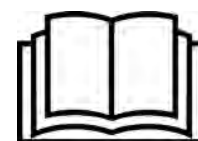
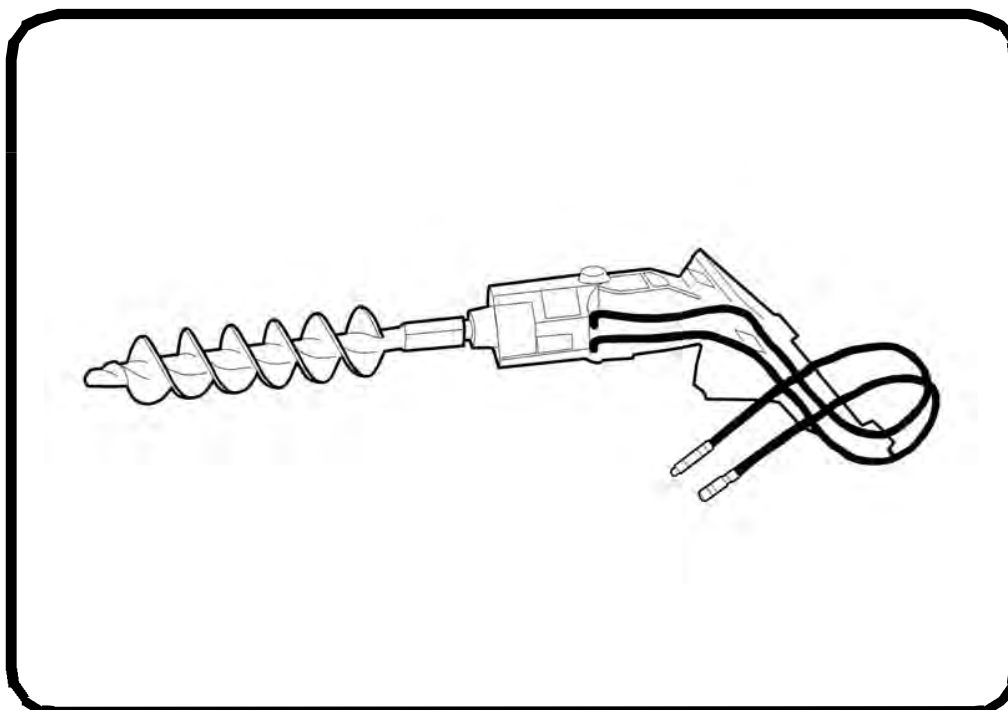
Service Manual

Direct Drive Auger

Lowe

10 S/N 879900101 & Above
12 S/N 811800101 & Above
12 S/N 437500101 & Above
12H S/N 437100101 & Above
15 S/N 187400101 & Above
15C S/N 944200101 & Above
15H S/N 187500101 & Above
15H S/N A90L00101 & Above

18 S/N 811100101 & Above
18H S/N 811700101 & Above
20 S/N 856300101 & Above
20H S/N 438300101 & Above
30 S/N 187600101 & Above
30C S/N 944500101 & Above
30H S/N 187700101 & Above
30H S/N A7ER00101 & Above



MAINTENANCE SAFETY



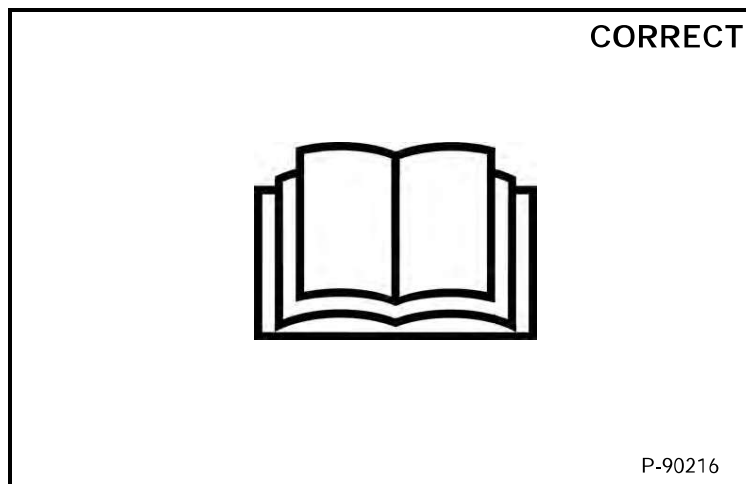
WARNING









Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual, Operator's 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-2003-0807



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



-  Never service attachments / implements without instructions. See Operation & Maintenance Manual and Attachment / Implement Service Manual.
-  Cleaning and maintenance are required daily.
-  Never service or adjust attachment / implement with the engine running unless instructed to do so in manual.
-  Always lower the attachment / implement 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.

MSW30-0409



**Thanks very much for your reading,
Want to get more information,
Please click here, Then get the complete
manual**

JustClickHere 

NOTE:

**If there is no response to click on the link above,
please download the PDF document first, and then
click on it.**

**Have any questions please write to me:
admin@servicemanualperfect.com**

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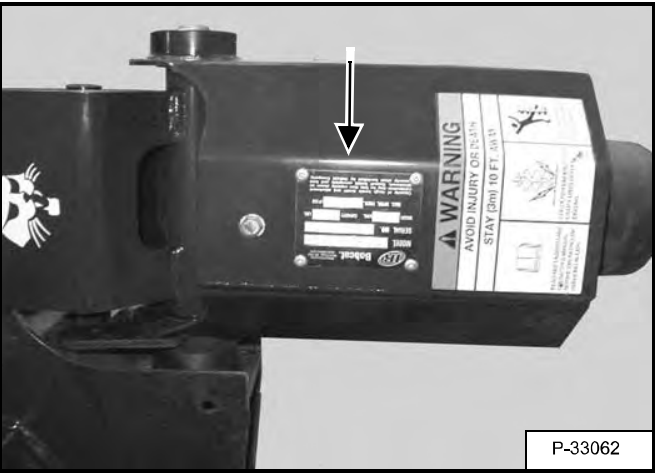
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SERIAL NUMBER LOCATION

Attachment Serial Number

Figure 1



Always use the serial number of the direct drive auger 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].

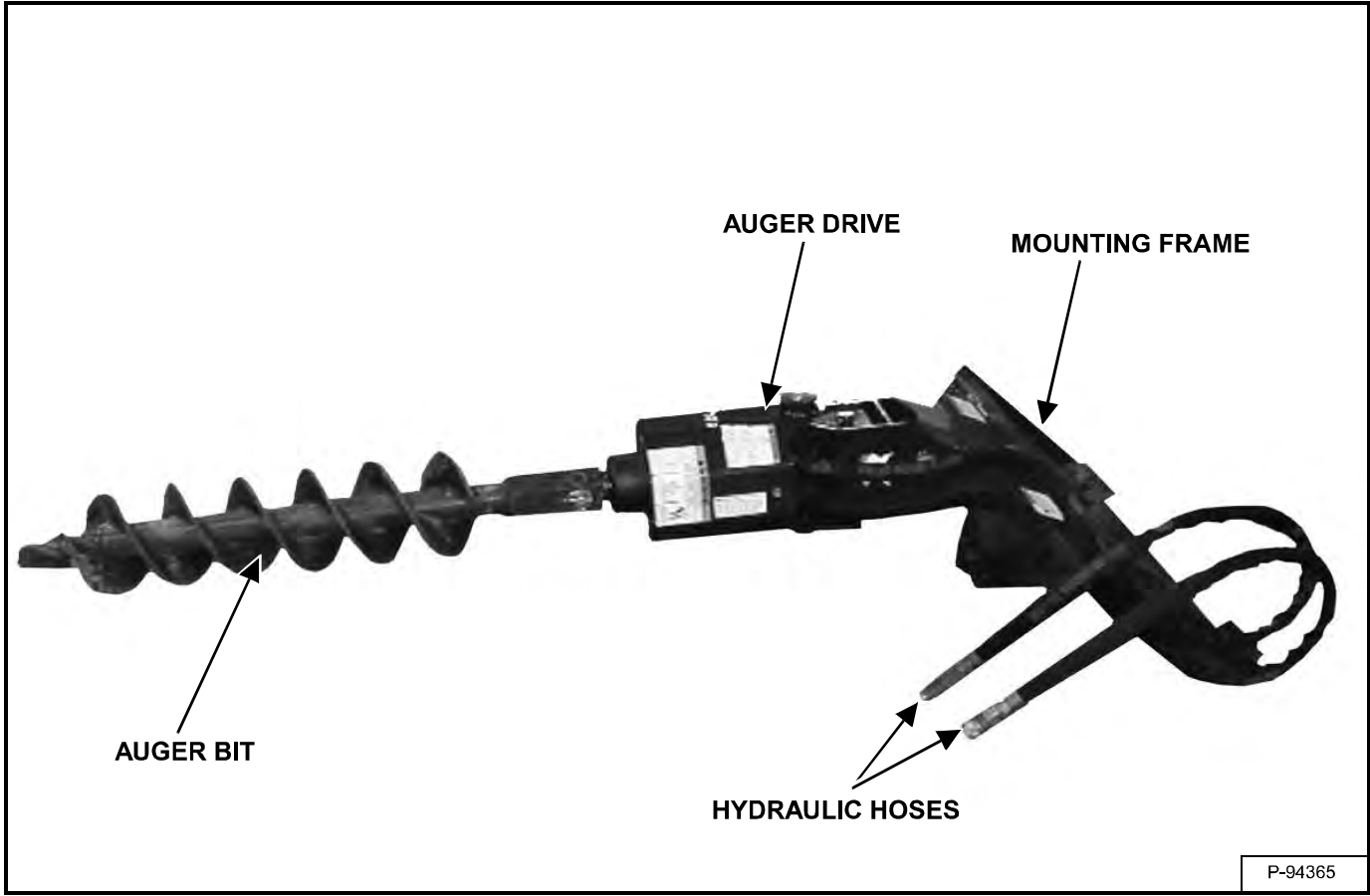
DELIVERY REPORT

Figure 2

The delivery report [Figure 2] must be completed by the dealer and signed by the owner or operator when the Bobcat direct drive auger is delivered. An explanation of the form must be given to the owner.

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ATTACHMENT IDENTIFICATION



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SAFETY & MAINTENANCE

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TROUBLESHOOTING

Chart


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W-2003-0903

If the attachment is not working correctly, check the hydraulic system of the machine thoroughly before making any repairs on the attachment. Attachment problems can be affected by a hydraulic system that is not operating to specifications. Connect a flow meter to the machine to check the hydraulic pump output, relief valve setting and tube lines to check flow and pressure. (See the machine's Service Manual for the correct procedure to connect the flow meter.)

Use the following troubleshooting chart to locate and correct problems which most often occur with the attachment.

PROBLEM	CAUSE	CORRECTION
Auger does not mount properly on the Bob-Tach / Common Industry Interface.	Bob-Tach wedges / Common Industry Interface pins are not fully retracted.	Retract Bob-Tach wedges / Common Industry Interface pins.
	Mud, dirt or stones are lodged between the Bob-Tach / Common Industry Interface and the auger mount.	Remove debris from between Bob-Tach / Common Industry Interface and auger mount.
Auger does not rotate.	No hydraulic flow.	Activate loader front auxiliary hydraulics. Check quick couplers connection. Check for damaged hose ends and fittings.
	Auger pin missing or broken.	Replace auger pin.
	Chain or sprockets worn or damaged (12, 12H, 18, 18H, 20 and 20H only)	Replace chain and/or sprockets.
	Worn or damaged key on hydraulic motor shaft (12, 12H, 18, 18H, 20 and 20H only)	Replace key.
Auger does not dig efficiently.	Worn or damaged auger teeth.	Replace teeth.

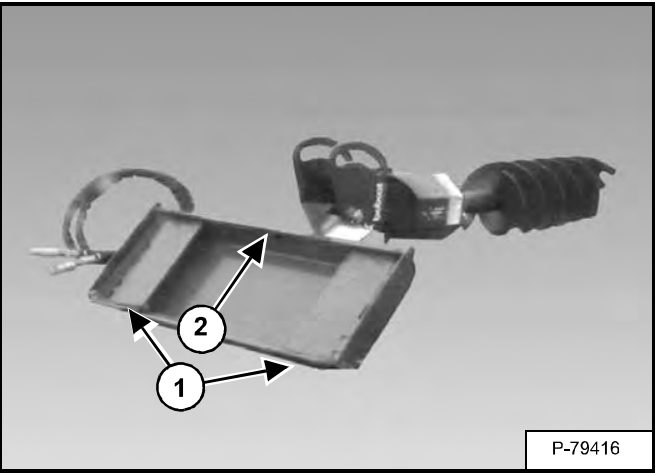
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DAILY INSPECTION

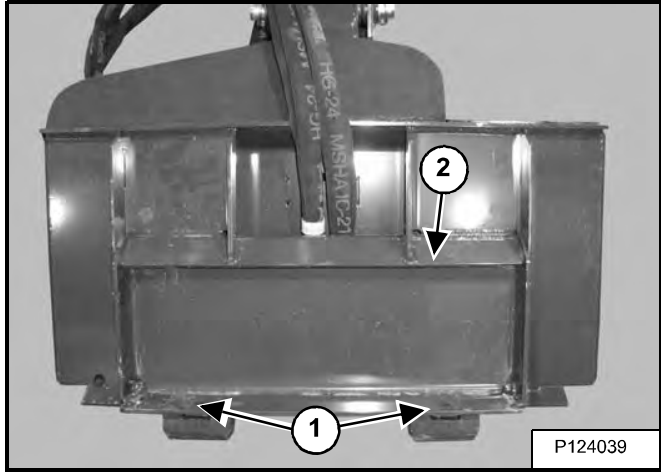
Attachment Mounting Frame

Figure 10-20-1



Bob-Tach: Inspect the Bob-Tach wedge mounts (Item 1), mounting flange (Item 2) [Figure 10-20-1] and all welds on the auger for wear and damage each time the auger is removed from the machine

Figure 10-20-2



Common Industry Interface: Inspect the locking pin holes (Item 1), mounting flange (Item 2) [Figure 10-20-2] and all welds on the auger for wear and damage each time the auger is removed from the machine.

DAILY INSPECTION (CONT'D)

Bob-Tach

Hand Lever Bob-Tach



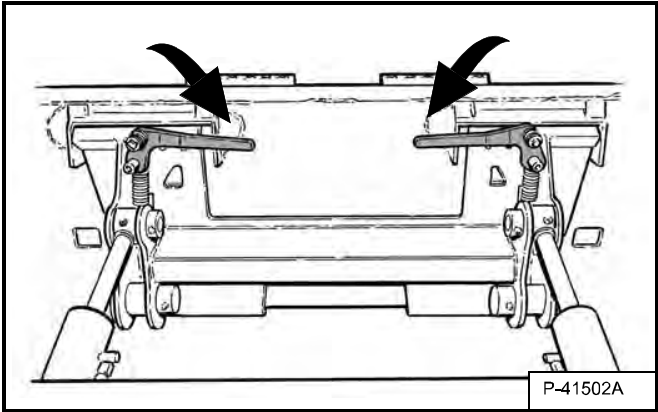
WARNING

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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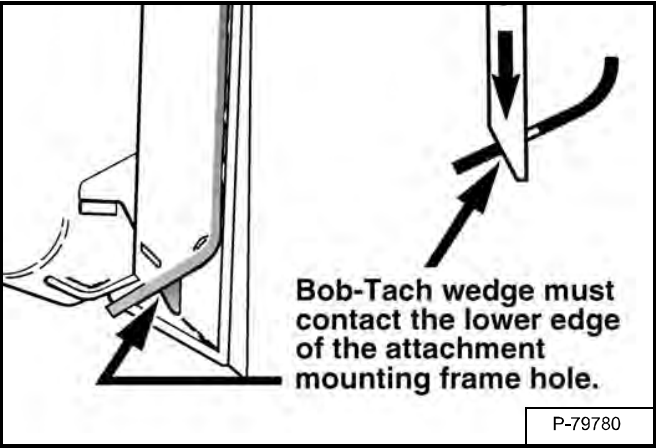
Figure 10-20-3



Push down on the Bob-Tach levers until they are fully engaged in the locked position [Figure 10-20-3] (wedges fully extended through the attachment mounting frame holes).

The levers and wedges must move freely [Figure 10-20-3].

Figure 10-20-4



The wedges must extend through the holes in the attachment mounting frame, securely fastening the attachment to the Bob-Tach [Figure 10-20-4].

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 and Maintenance Manual for inspecting the Bob-Tach). Replace any parts that are damaged, bent or missing. Keep all fasteners tight. Look for cracked welds.

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

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DAILY INSPECTION (CONT'D)

Bob-Tach (Cont'd)

Power Bob-Tach



WARNING

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 10-20-5

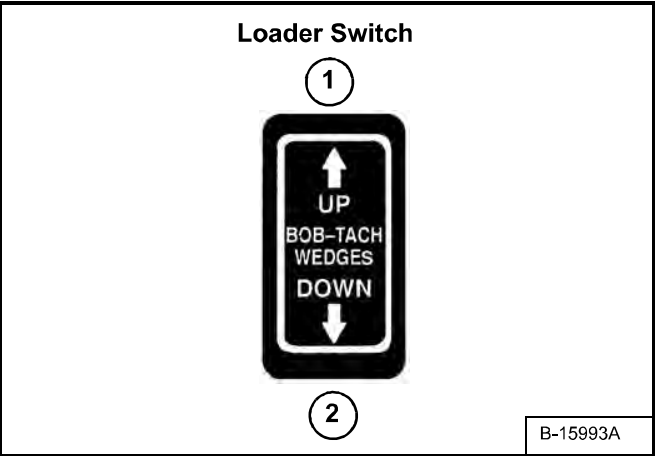


Figure 10-20-6

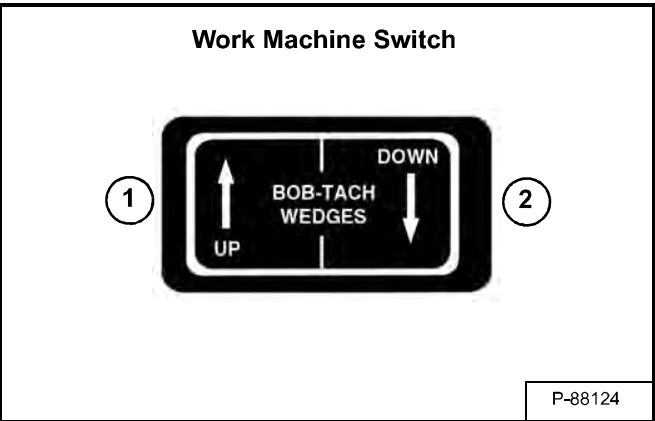
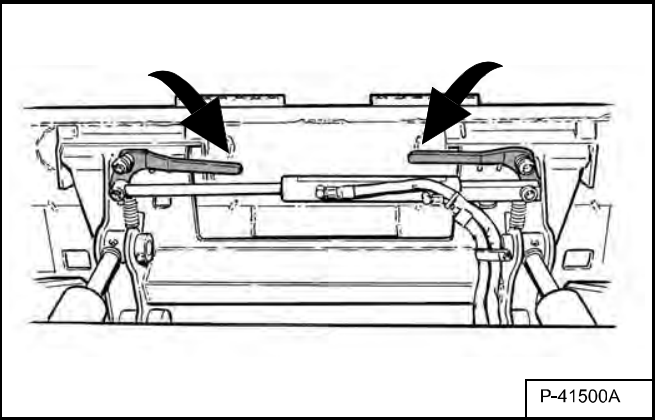
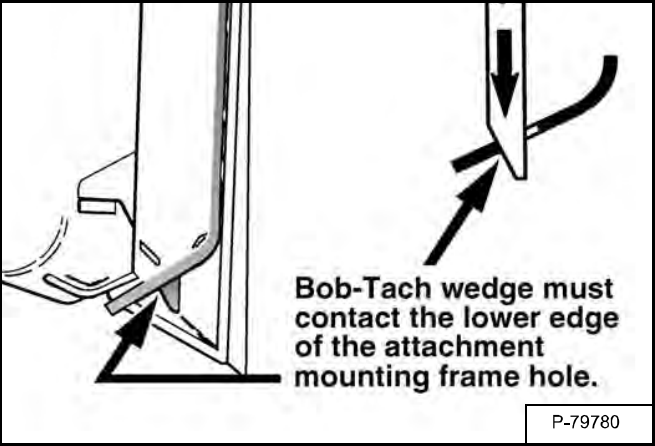


Figure 10-20-7



Push and hold the BOB-TACH “WEDGES DOWN” switch (Item 2) [Figure 10-20-5] and [Figure 10-20-6] until the levers are fully engaged in the locked position [Figure 10-20-7] (wedges fully extended through the attachment mounting frame holes).

Figure 10-20-8



The wedges must extend through the holes in the attachment mounting frame, securely fastening the attachment to the Bob-Tach [Figure 10-20-8].

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 and Maintenance Manual for inspecting the Bob-Tach). Replace any parts that are damaged, bent or missing. Keep all fasteners tight. Look for cracked welds.

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

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DAILY INSPECTION (CONT'D)

Common Industry Interface

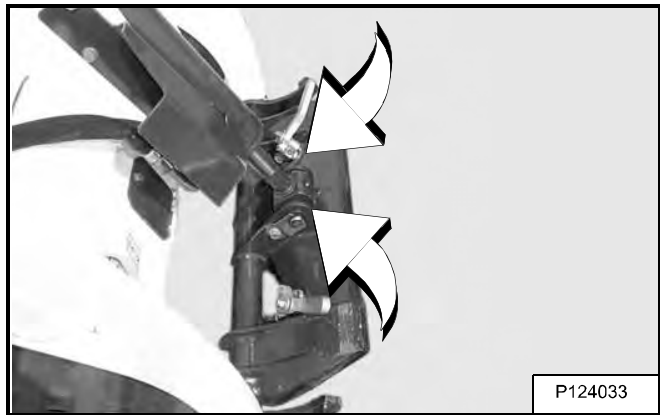


WARNING

The Common Industry Interface locking pins must extend through the holes in attachment frame. Levers must be fully down and locked. Failure to secure the locking pins can allow attachment to come off and cause serious injury or death.

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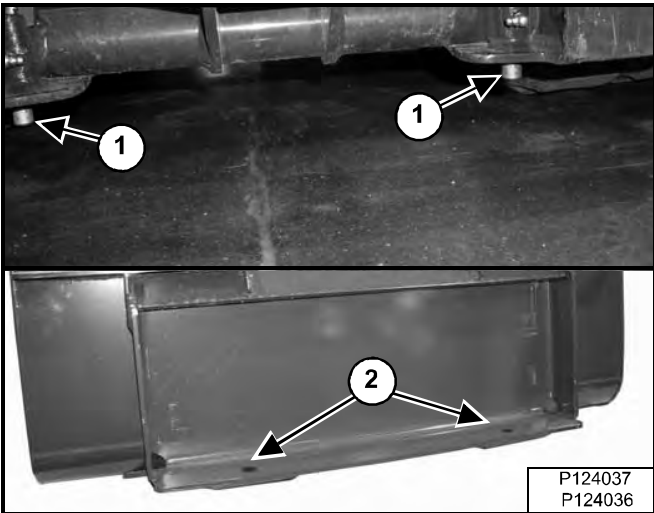
Figure 10-20-9



Push down on the locking levers until they are fully engaged in the locked position [Figure 10-20-9] (pins fully extended through the attachment mounting frame holes).

The levers and pins must move freely [Figure 10-20-9].

Figure 10-20-10



The pins (Item 1) must extend through the holes in the attachment mounting frame (Item 2) [Figure 10-20-10] securely fastening the attachment to the interface.

Inspect the mounting frame on the machine. (See the machine's Operation & Maintenance Manual for inspecting the Common Industry Interface). Replace any parts that are damaged, bent or missing. Keep all fasteners tight. Look for cracked welds.

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