



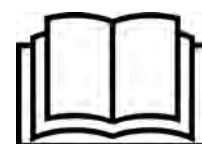
Bobcat®

Operation & Maintenance Manual



Planer

(40PSL Planer) S/N 991400101 & Above
(48PSL Planer) S/N B4J400101 & Above



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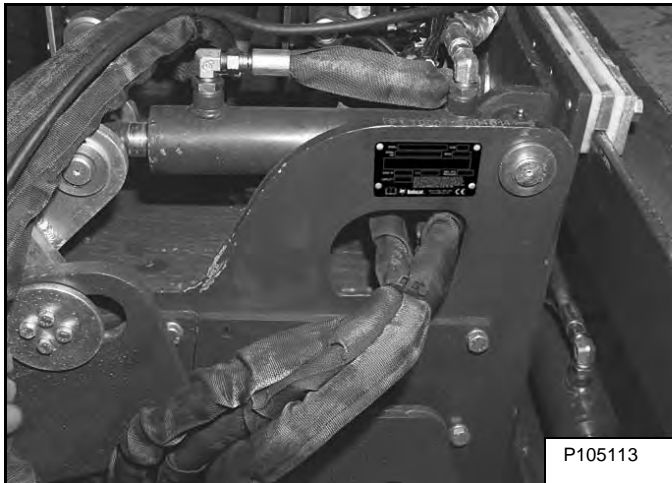
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SERIAL NUMBER LOCATION

Attachment Serial Number

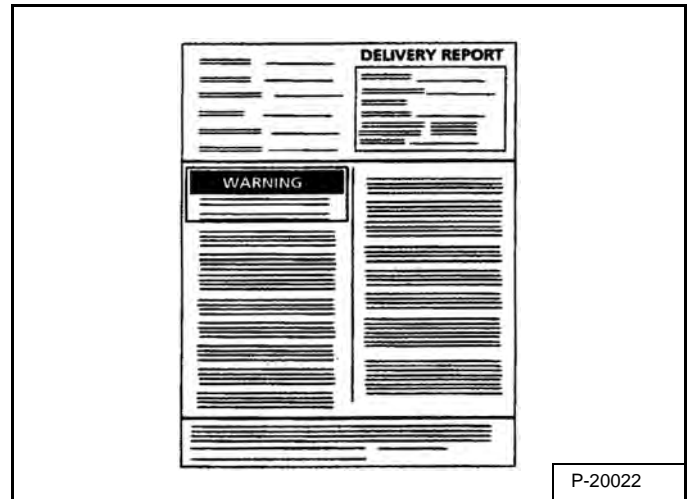
Figure 1



Always use the serial number of the planer 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] contains a list of items that must be explained or shown to the owner or operator by the dealer when the Bobcat planer is delivered.

The delivery report must be reviewed and signed by the owner or operator and the dealer.

PUBLICATIONS AND TRAINING RESOURCES

The following publications are also available for your Bobcat attachment. You can order these items from your Bobcat dealer.

For the latest information on Bobcat products and the Bobcat Company, visit our web site at **Bobcat.com**.



OPERATION & MAINTENANCE MANUAL

6901046enGB

Complete instructions on the correct operation and the routine maintenance of the Bobcat attachment.



SERVICE MANUAL

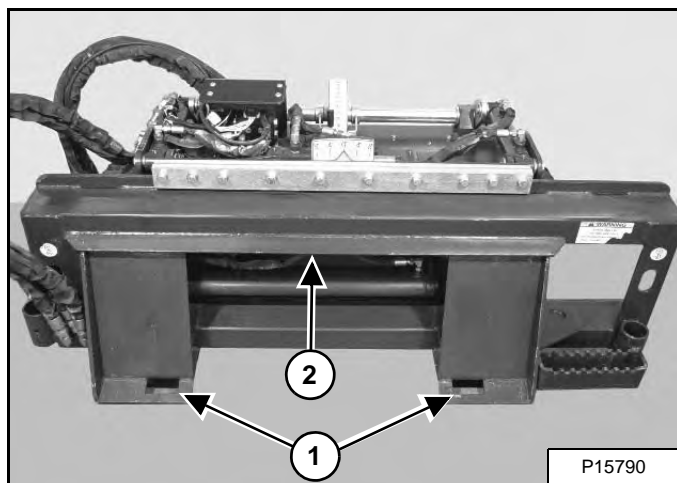
6901087enUS

Complete maintenance instructions for your Bobcat attachment.

DAILY INSPECTION

Attachment Mounting Frame

Figure 3



Inspect the Bob-Tach wedge mounts (Item 1), mounting flange (Item 2) **[Figure 3]** and all welds on the planer for wear and damage each time the planer is removed from the machine.

Frequently inspect the planer to ensure that all components are secure and that all bolts and nuts are thoroughly tightened.

OPERATING PROCEDURE WITH LOADERS (CONT'D)

Installation (Cont'd)

For First Time Installation

New attachments and new machines are factory equipped with flush face couplers. If installing an attachment equipped with poppet style couplers, the attachment couplers will have to be changed to match the machine. See your Bobcat dealer for parts information.

IMPORTANT

- **Thoroughly clean the quick couplers before making connections. Dirt can quickly damage the system.**
- **Contain and dispose of any oil leakage in an environmentally safe manner.**

I-2278-0608

With the machine engine off and using the hose guides (if equipped), route the attachment hydraulic hoses to the machine. Connect the attachment hydraulic quick couplers to the machine couplers. (See Hydraulic Quick Couplers on Page 40.)

Check that the attachment hydraulic hoses are not twisted or contacting any moving parts of the machine or attachment.

NOTE: It may be necessary to loosen the quick couplers on the attachment hydraulic hoses to remove any twists in the hoses.

! WARNING

AVOID INJURY OR DEATH

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-2019-0907

Loosen the quick coupler connections on the attachment hydraulic hoses while connected to the machine. Do not remove the quick couplers.

Rotate the attachment hydraulic hoses as needed so the hoses are not twisted or contacting any moving parts of the machine or attachment.

With the twist(s) removed from the hydraulic hoses, tighten the attachment quick coupler connections while the couplers are still connected to the machine. This will help hold the hydraulic hoses in position while tightening.

Tighten the quick couplers connections to 63 N•m (46 ft-lb) torque before starting the machine.

Enter the loader. (See Entering And Exiting The Loader on Page 33.)

Start the engine, press the PRESS TO OPERATE LOADER button and release the parking brake.

Engage auxiliary hydraulics. (See the machine's Operation & Maintenance Manual and Operator's Handbook for correct procedure.)

! WARNING

AVOID INJURY OR DEATH

Diesel fuel or hydraulic fluid under pressure can penetrate skin or eyes, causing serious injury or death. Fluid leaks under pressure may not be visible. Use a piece of cardboard or wood to find leaks. Do not use your bare hand. Wear safety goggles. If fluid enters skin or eyes, get immediate medical attention from a doctor familiar with this injury.

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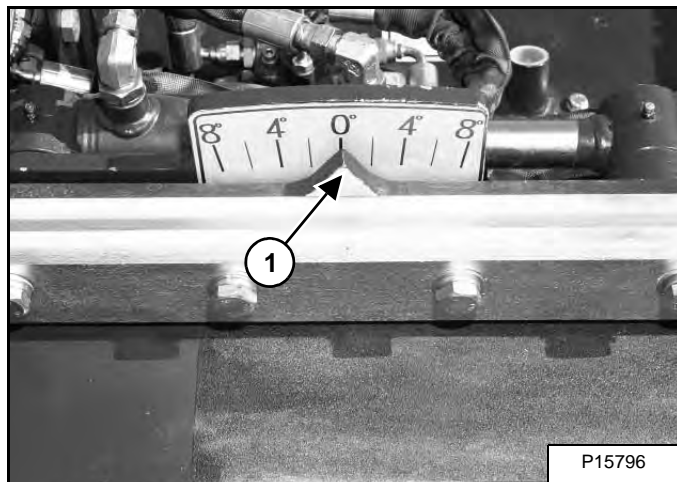
Check the attachment hydraulic quick coupler connections for leaks.

OPERATING PROCEDURE WITH LOADERS (CONT'D)

Control Functions (Cont'd)

Adjusting The Planer Cutting Angle (Cont'd)

Figure 49



The planer can be angled to a maximum of 8° to the left or right. The gauge (Item 1) **[Figure 49]** shows 0°, 4° and 8° in 2° increments.

MAINTENANCE SAFETY



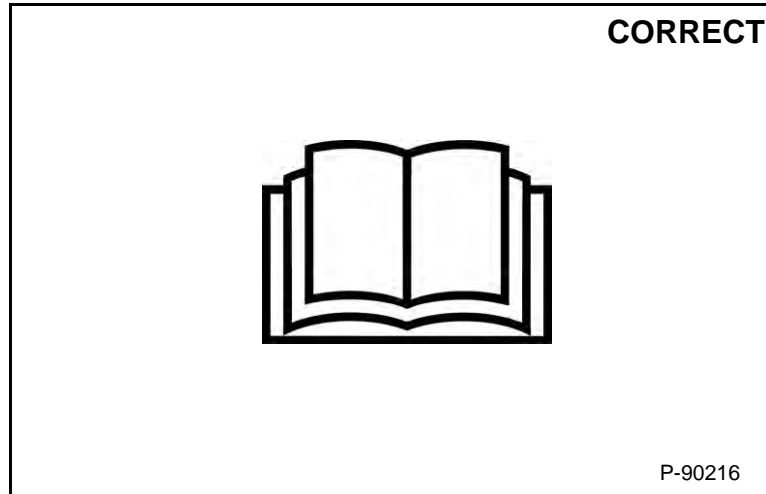
WARNING









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.**

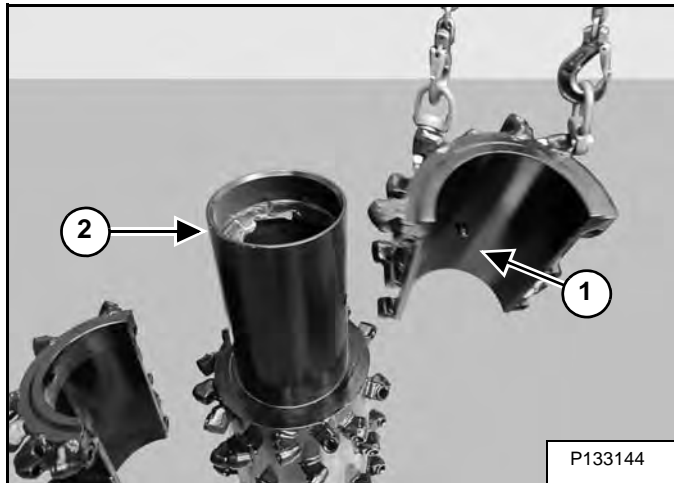
Maintenance procedures which are given in the Operation & Maintenance Manual can be performed by the owner/operator without any specific technical training. Maintenance procedures which are **not** in the Operation & Maintenance Manual must be performed **ONLY BY QUALIFIED BOBCAT SERVICE PERSONNEL**. Always use genuine Bobcat replacement parts.

DRUM SECTORS (40PSL S/N 9941400101 & ABOVE) (CONT'D)

Disassembly And Assembly (Cont'd)

Disassembly (Cont'd)

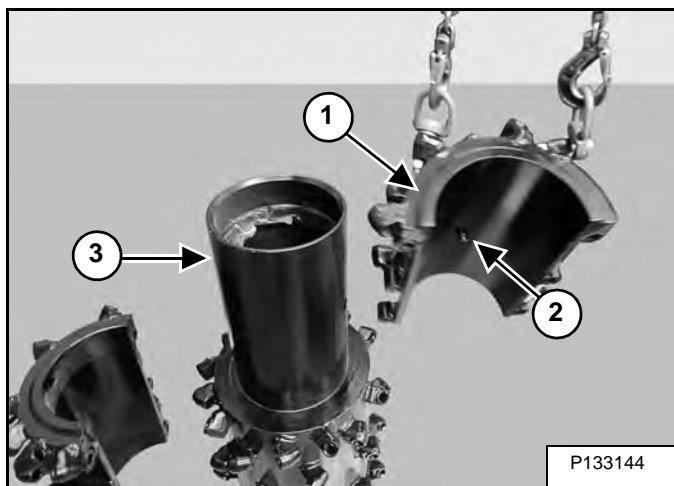
Figure 77



Lift the opposite drum sector (Item 1) away from the drum (Item 2) [Figure 77].

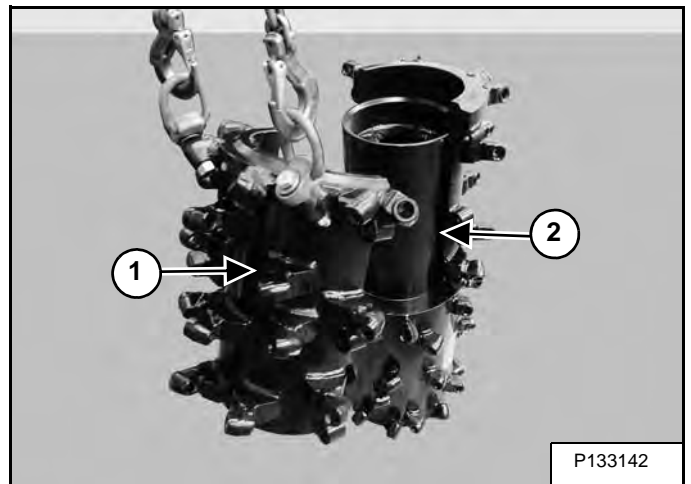
Assembly

Figure 78



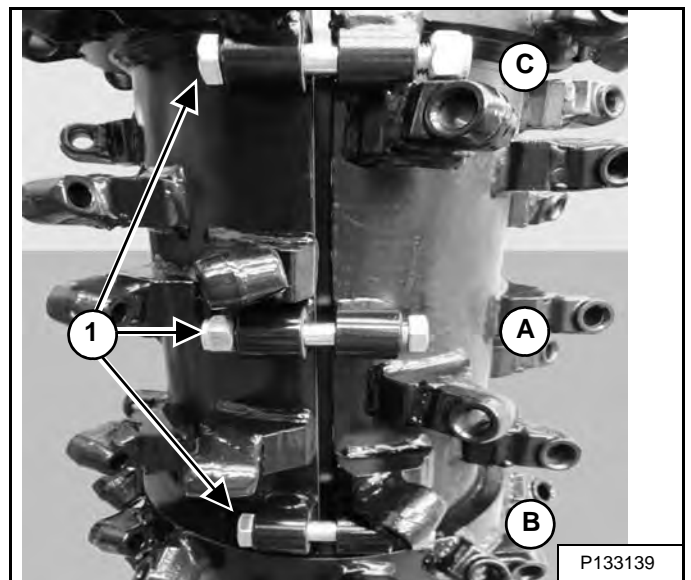
Lift drum sector (Item 1), align index (Item 2) on drum sector (Item 1) and drum (Item 3) then install on drum (Item 3) [Figure 78].

Figure 79



Lift drum sector (Item 1) and install on drum (Item 2) [Figure 79].

Figure 80



Install three sector connecting bolts (Item 1) in the sequence shown [Figure 80].

NOTE: The center connecting bolt is installed in the opposite direction.

Rotate drum and install the three drum sector connecting bolts on the opposite side.

Tighten connecting bolts (Item 1) [Figure 80]. Do not torque.

Rotate drum and tighten the connecting bolts on the opposite side.

Torque connecting bolts (Item 1) in the sequence shown in [Figure 80]. Torque connecting bolts to 570 N•m (420 ft-lb). Rotate drum and torque connecting bolts on the opposite side.

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