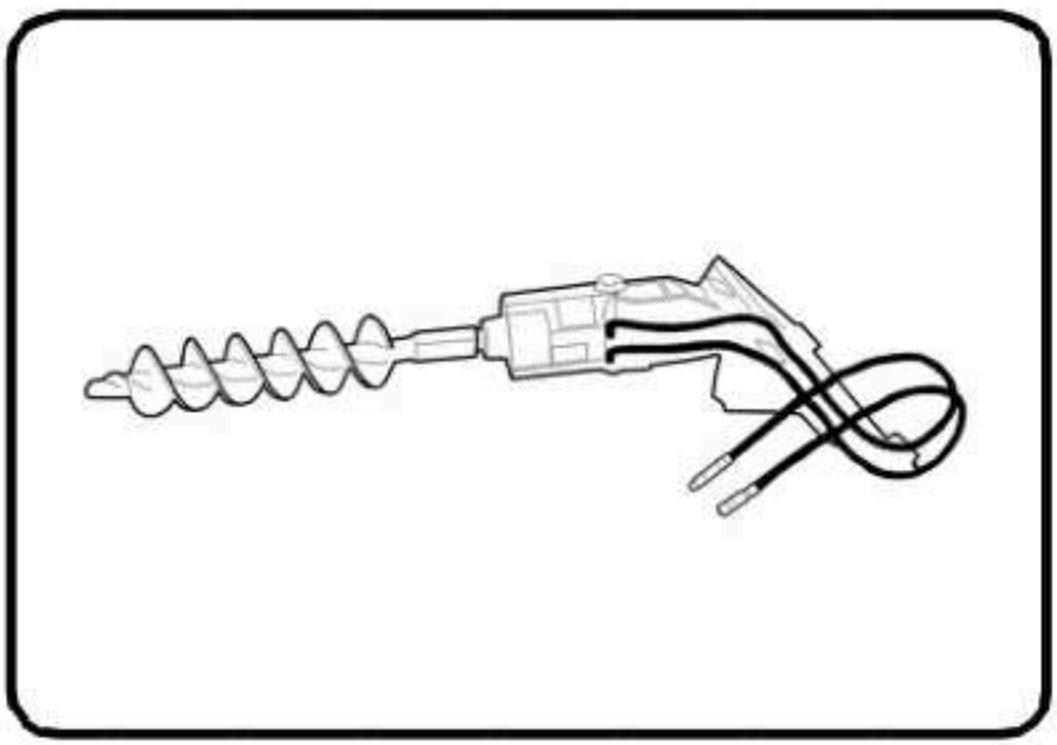
Bobcat®

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

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TROUBLESHOOTING

Chart

⚠ 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-2003-0903

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.	Bob-Tach wedges are not fully retracted.	Retract Bob-Tach wedges.
	Mud, dirt or stones are lodged between the Bob-Tach and the auger mount.	Remove debris from between Bob-Tach 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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CHECKING THE CHAIN

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⚠ 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.**

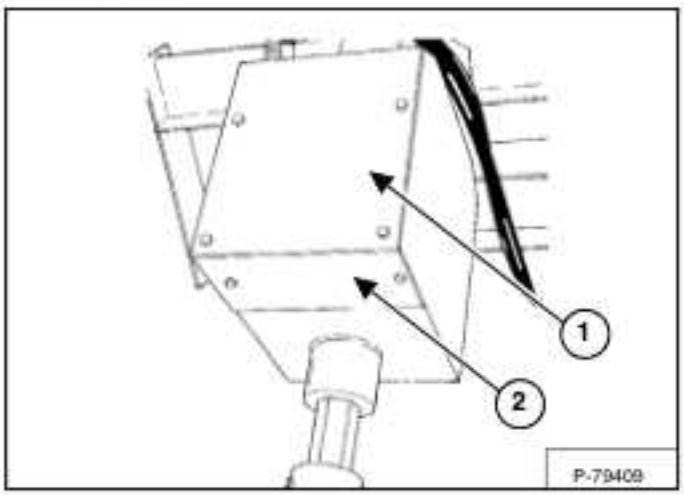
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Stop the engine and lower the auger until it is slightly off the ground.

Turn the auger by hand to check the chain for wear after every 50 hours of operation.

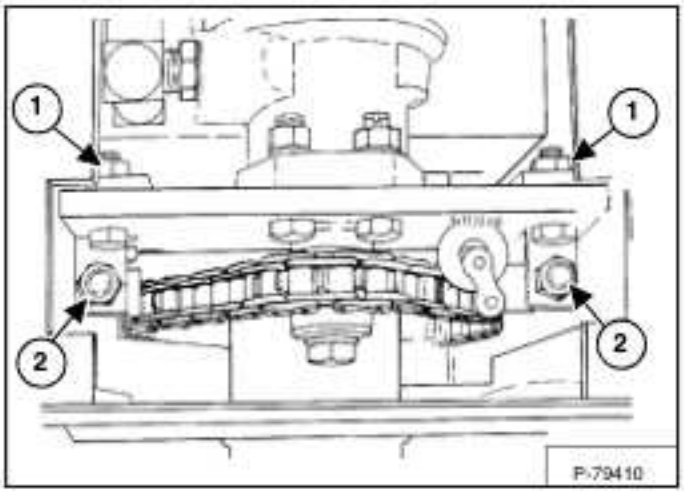
If there is excessive movement, the chain needs to be adjusted.

Figure 30-10-1



Remove the covers (Items 1 & 2) **[Figure 30-10-1]**.

Figure 30-10-2



Loosen the motor mount bolts (Item 1) **[Figure 30-10-2]**.

Loosen the locknuts (Item 2) **[Figure 30-10-2]** on the adjusting rod.

Hold the adjusting rod with pliers while turning the adjusting nut (adjust both sides evenly) until there is 0.0625 - 0.125 in. (1,59 - 3,18 mm) movement on the chain (Item 2) **[Figure 30-10-2]**.

Tighten the two locking nuts and tighten the four bolts in the mounting plate.

Install both covers.

If the chain has excessive wear, replace as follows.

Turn the auger by hand until the connector link is between the two sprockets.

Remove the connector link and remove the chain.

Install a new chain over the sprockets and install the connector link.

12, 12H, 18, 18H, 20 and 20H

Stop the engine and lower the auger until it is slightly off the ground.

Turn the auger by hand to check the chain for wear after every 50 hours of operation.

If the chain has excessive wear, replace as follows:

Remove both covers and position the connector link between the two sprockets.

Remove the connector link and remove the chain.

A link may be removed and half link may be installed on the old chain or a new chain may be installed.

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