

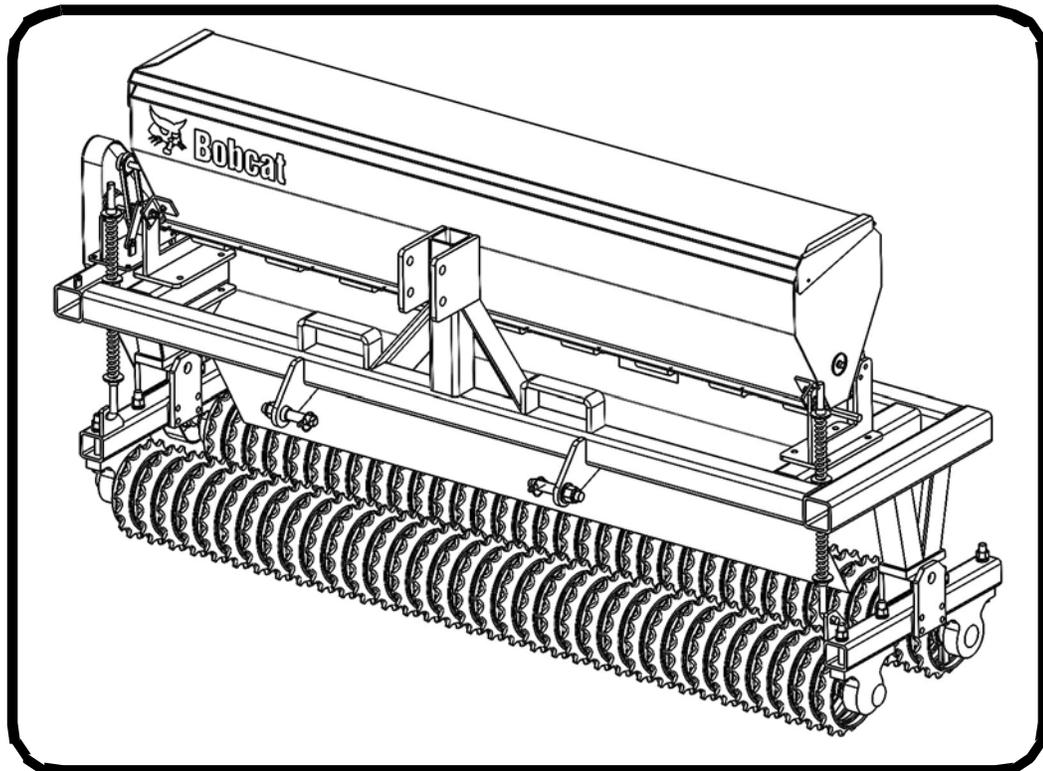
Product: 2009 Bobcat 72 Inch Seeder Service Repair Workshop Manual(Seeder 72SDR - S/N AEUD00101 & Above)
Full Download: <https://www.aresairmanual.com/downloads/2009-bobcat-72-inch-seeder-service-repair-workshop-manualseeder-72sdr-s-n-aeud00101-above/>



Service Manual

72 Inch Seeder

(Seeder 72SDR) - S/N AEUD00101 & Above



Sample of manual. Download All 56 pages at:

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MAINTENANCE SAFETY



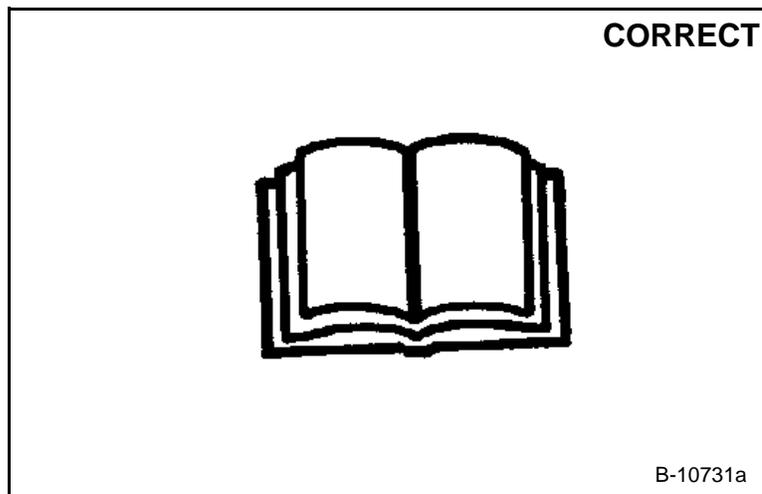
WARNING

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-2003-0903



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.



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**SAFETY AND
MAINTENANCE**

**MAIN
FRAME**

**SPECIFICATIONS
AND
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REFERENCE INFORMATION

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

72 Inch Seeder Serial Number

NOTES:

YOUR BOBCAT® DEALER:

ADDRESS:

PHONE:

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

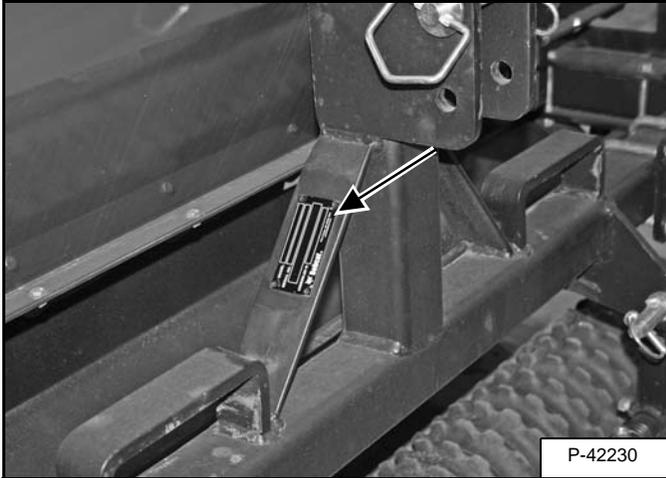
Bobcat Company Europe
Dréve Richelle 167
B-1410 WATERLOO
Belgium



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SERIAL NUMBER LOCATION

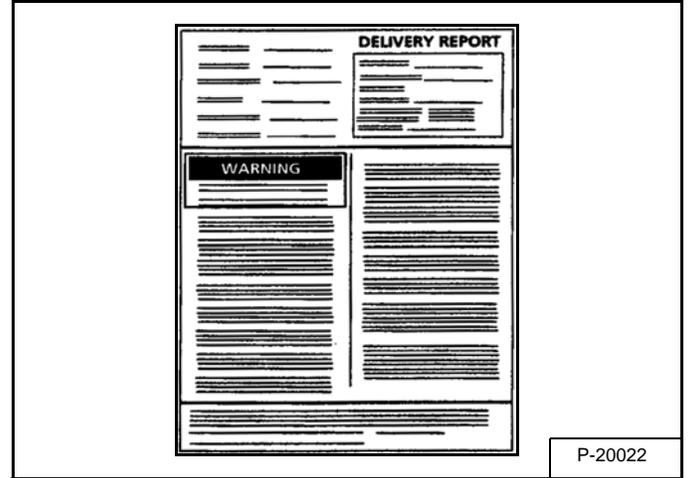
Figure 1



Always use the serial number of the seeder 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].

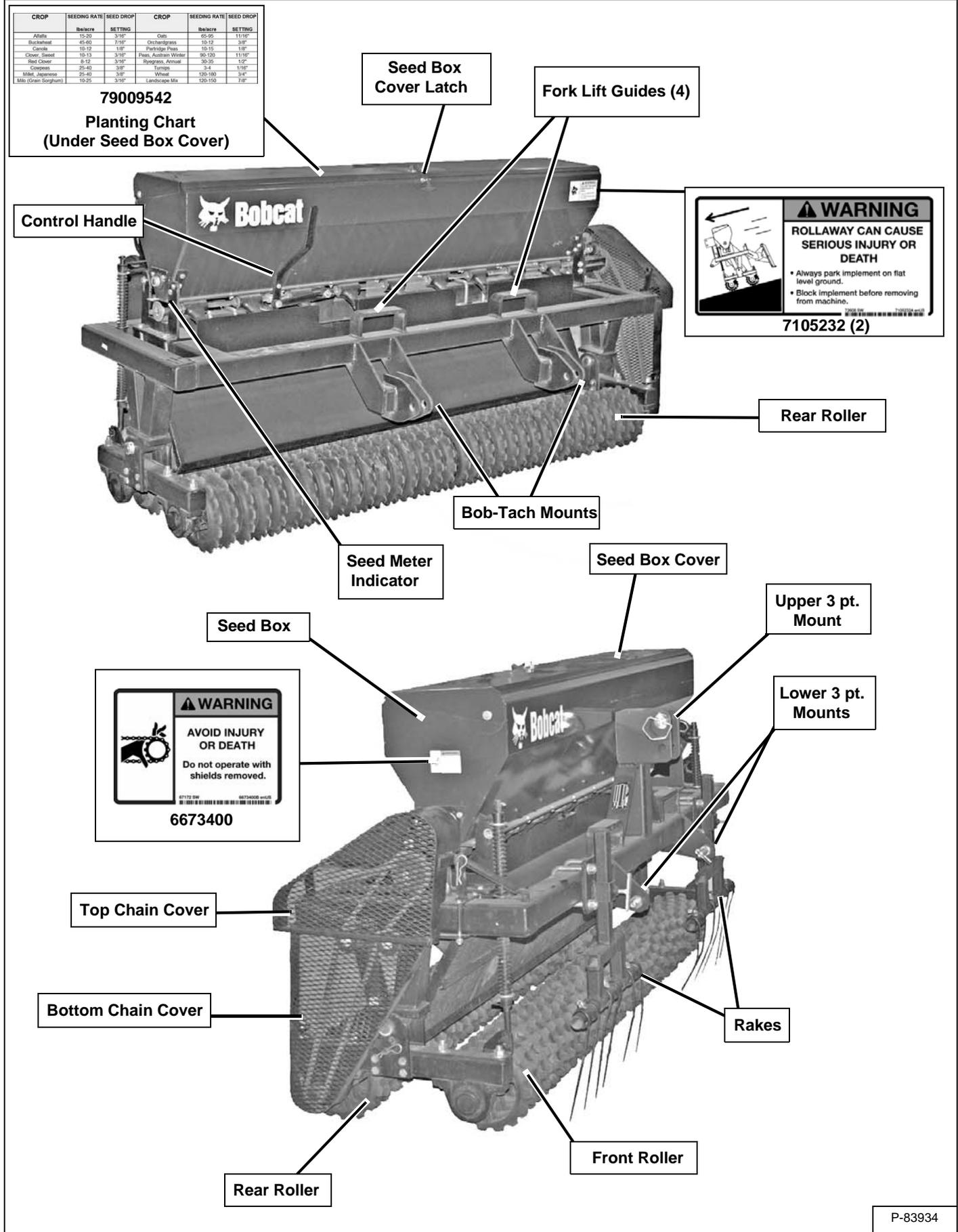
DELIVERY REPORT

Figure 2



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

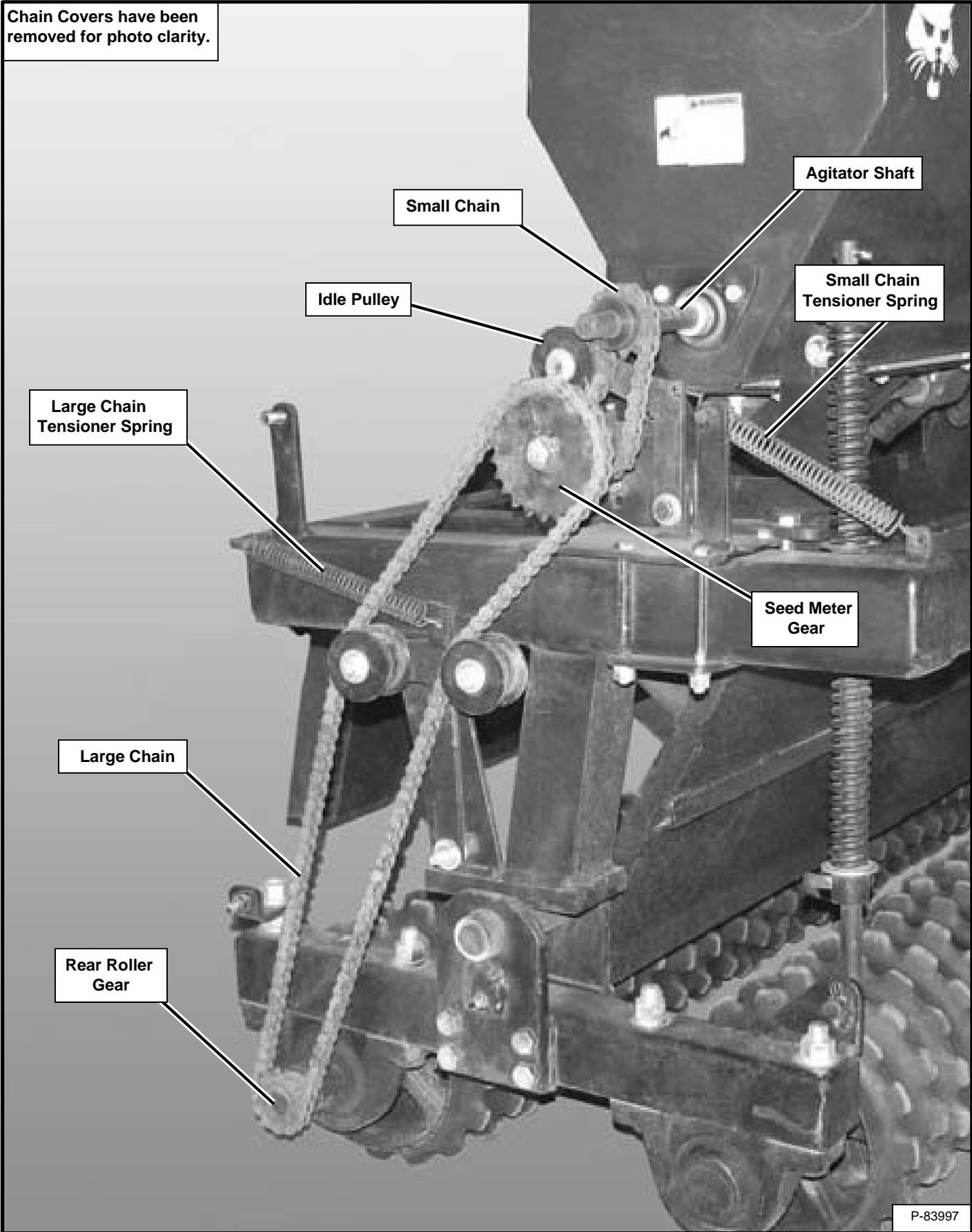
IDENTIFICATION AND MACHINE SIGNS (DECALS)




6673400

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

Chain Covers have been removed for photo clarity.



P-83997



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SAFETY AND MAINTENANCE

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TROUBLESHOOTING

Chart

PROBLEM	CAUSE	CORRECTION
Planting rate is too heavy or not heavy enough.	Seeder not calibrated to this seed type.	Calibrate seeder.
	48 tooth sprocket option installed. (Slows seeding rate)	Install 24 tooth sprocket.
No seed dropping from seeder.	Hopper is empty.	Fill hopper with seed.
	Ground engaging cultipacker wheel not turning.	Seeder not contacting the ground.
	Metering units are plugged.	Empty hopper and unplug metering units.
	Seed box agitator or metering units not turning.	Check that chain drive is functioning correctly.
Seeder will not reach edge of work area.	Machine is too wide.	Side shift seeder.



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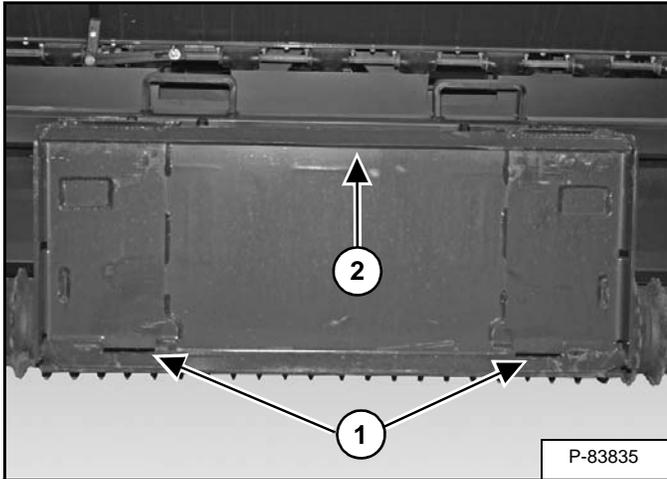
DAILY INSPECTION

Seeder Mounting Frame

Bob-Tach

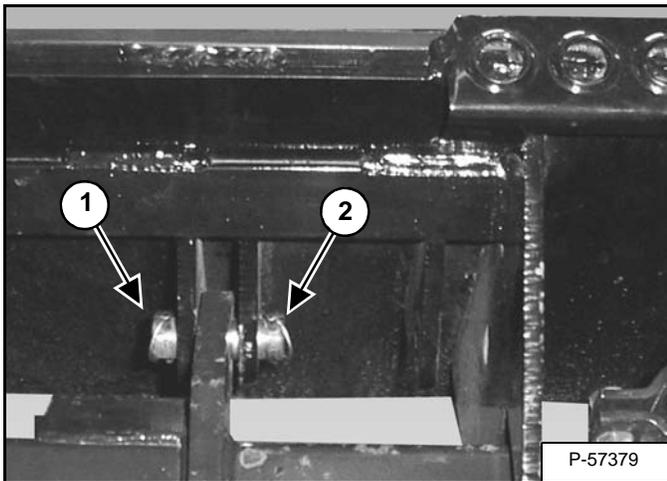
NOTE: The 72 inch seeder can be ordered with a Bob-Tach mounting frame factory installed, or as a kit to be installed by dealer. See your Bobcat dealer for available kits.

Figure 10-20-1



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

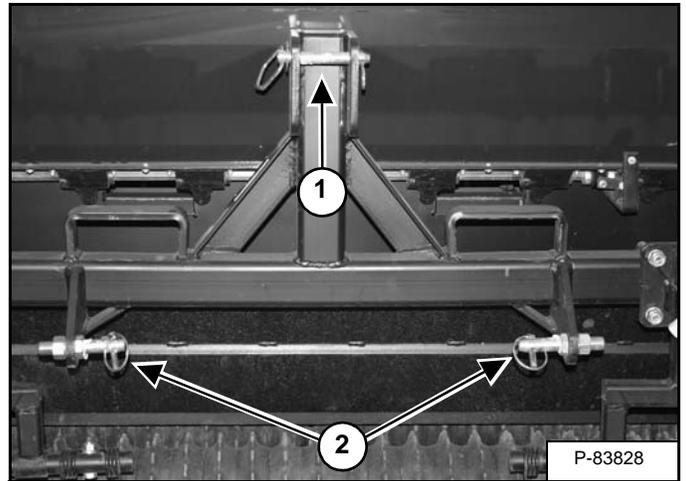
Figure 10-20-2



Inspect float pins (Item 1) and retaining pins (Item 2) [Figure 10-20-2] on both sides of the Bob-Tach mounting frame.

Three-Point

Figure 10-20-3



Inspect the upper three-point mount (Item 1), lower 3-point mounts (Item 2) [Figure 10-20-3] and all welds on the seeder for wear and damage each time the seeder is removed from the tractor/machine.

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

DAILY INSPECTION (CONT'D)

Bob-Tach

Hand Lever Bob-Tach

NOTE: The 72 inch seeder can be ordered with a Bob-Tach mounting frame factory installed, or as a kit to be installed by dealer. See your Bobcat dealer for available kits.

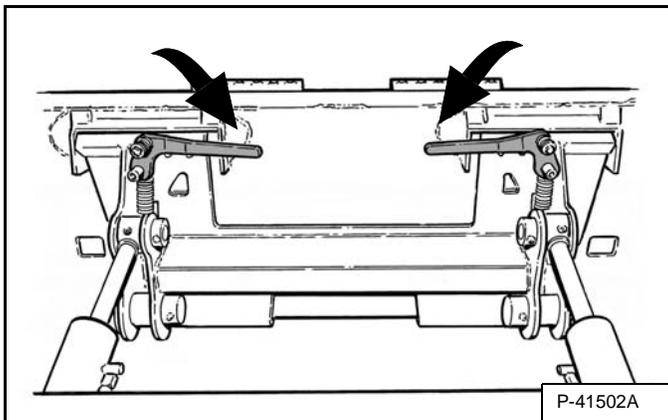
WARNING

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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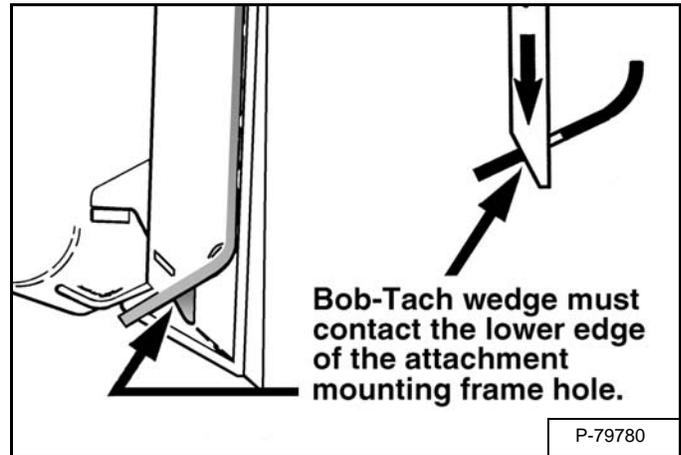
Figure 10-20-4



Push down on the Bob-Tach levers until they are fully engaged in the locked position [Figure 10-20-4] (wedges fully extended through the implement mounting frame holes).

The levers and wedges must move freely [Figure 10-20-4].

Figure 10-20-5



The wedges must extend through the holes in the implement mounting frame, securely fastening the implement to the Bob-Tach [Figure 10-20-5].

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

Inspect the mounting frame on the seeder. (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. Contact your Bobcat dealer for repair or replacement parts.

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

DAILY INSPECTION (CONT'D)

Bob-Tach (Cont'd)

Power Bob-Tach

NOTE: The 72 inch seeder can be ordered with a Bob-Tach mounting frame factory installed, or as a kit to be installed by dealer. See your Bobcat dealer for available kits.



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 10-20-6

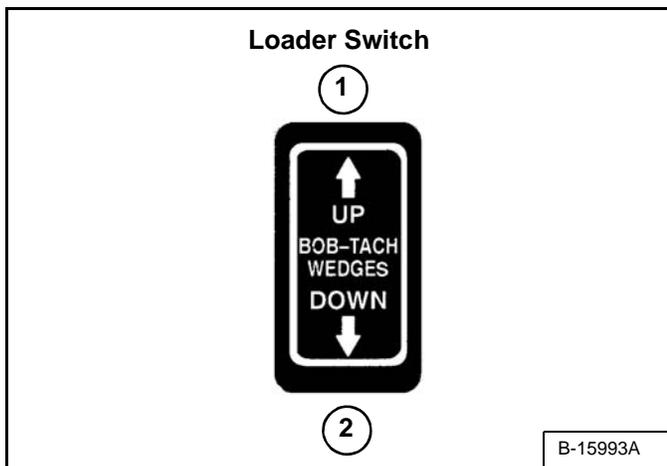


Figure 10-20-7

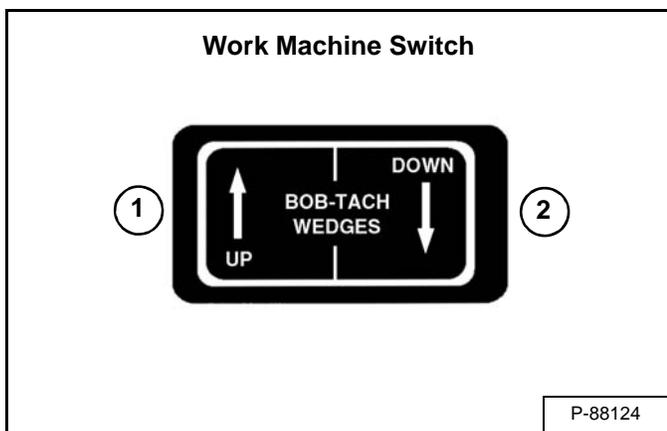
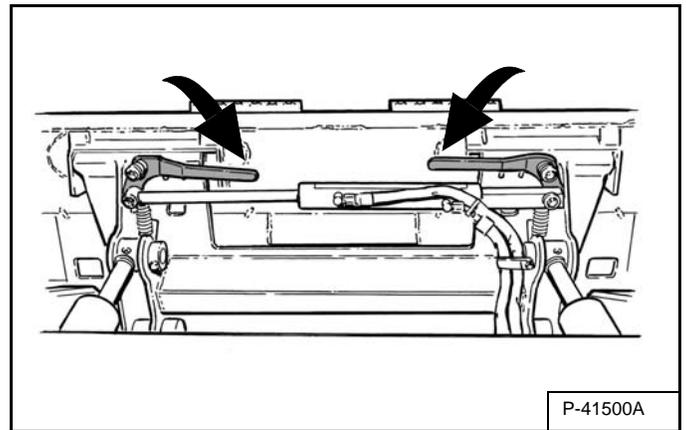
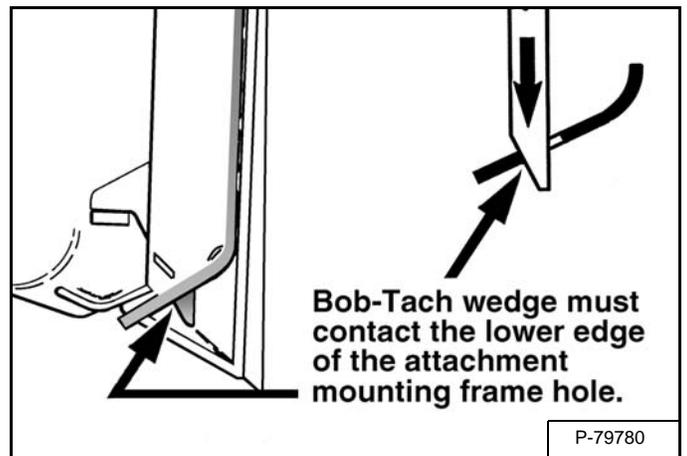


Figure 10-20-8



Push and hold the BOB-TACH “WEDGES DOWN” switch (Item 2) [Figure 10-20-6] and [Figure 10-20-7] until the levers are fully engaged in the locked position [Figure 10-20-8] (wedges fully extended through the implement mounting frame holes).

Figure 10-20-9



The wedges must extend through the holes in the implement mounting frame, securely fastening the implement to the Bob-Tach [Figure 10-20-9].

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

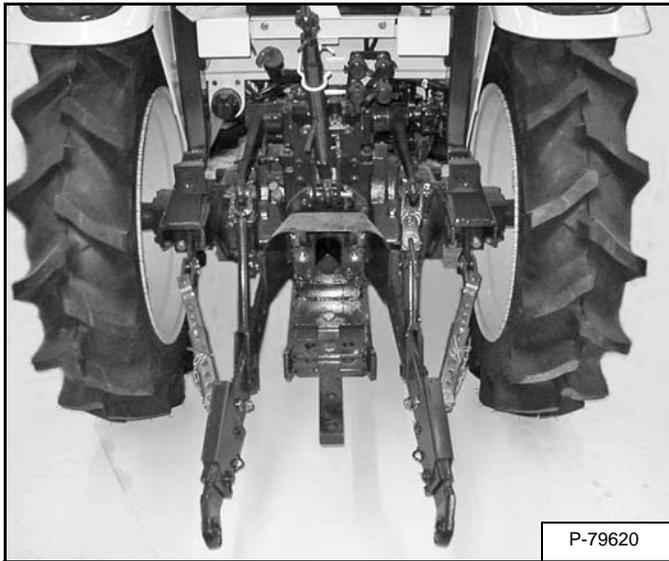
Inspect the mounting frame on the implement. (See the machine's Operation and Maintenance Manual for inspecting the Bob-Tach). Replace any parts that are damaged, bent or missing. Keep all fasteners tight. Look for cracked welds. Contact your Bobcat dealer for repair or replacement parts.

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

DAILY INSPECTION (CONT'D)

Three-Point Hitch

Figure 10-20-10



Inspect the three-point hitch linkage, guards, and shields. Replace if damaged or missing **[Figure 10-20-10]**. Repair broken or loose parts.

See your machine Operation & Maintenance Manual for detailed information on inspecting the three-point hitch.

LUBRICATING THE SEEDER

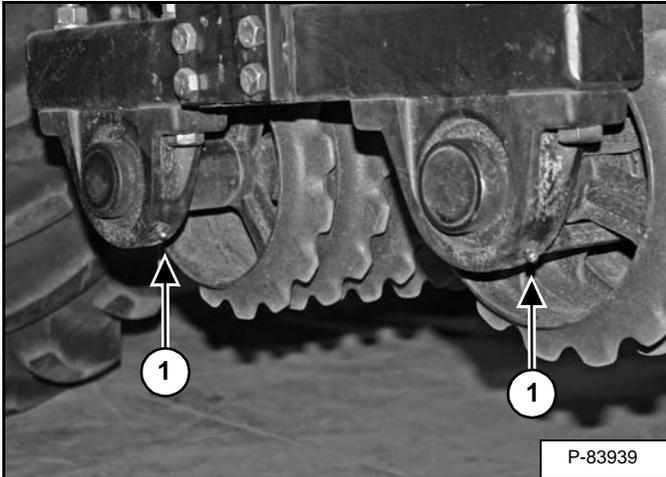
Lubrication Locations

Always use a good quality Lithium base grease when lubricating the seeder. Apply the lubricant until extra grease shows.

Grease the bearings every 20 hours.

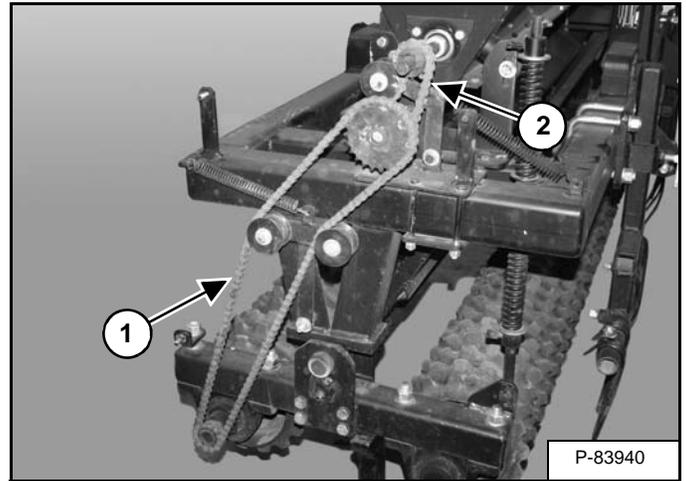
Remove chain covers. (See Removal And Installation on Page 20-10-1.)

Figure 10-30-1



Apply grease to the roller fittings (Item 1) [Figure 10-30-1].

Figure 10-30-2



Oil the 2 chains (Item 1) and (Item 2) [Figure 10-30-2] every 20 hours of operation.

Reinstall chain covers. (See Removal And Installation on Page 20-10-1.)

! WARNING

AVOID INJURY OR DEATH

Never operate with covers or guards removed.

W-2121-0788



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RAKE

Removal And Installation



AVOID INJURY OR DEATH

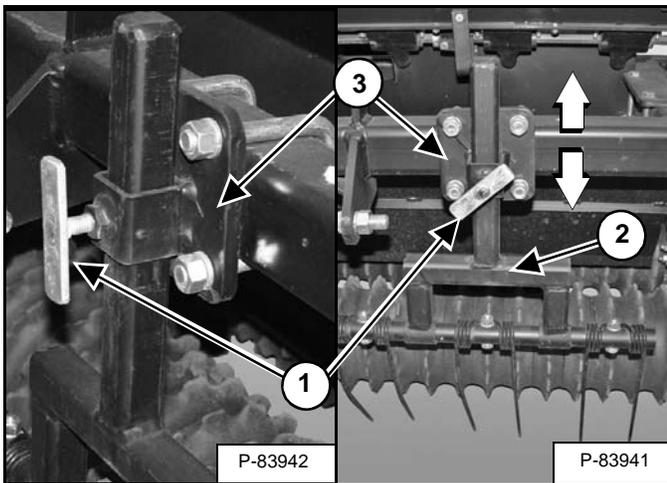
Wear safety glasses to prevent eye injury when any of the following conditions exist:

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

W-2019-0907

With the seeder mounted on the machine, raise the seeder off the ground enough to remove the rake. (See your machine's Operation and Maintenance Manual for correct procedure.)

Figure 10-40-1

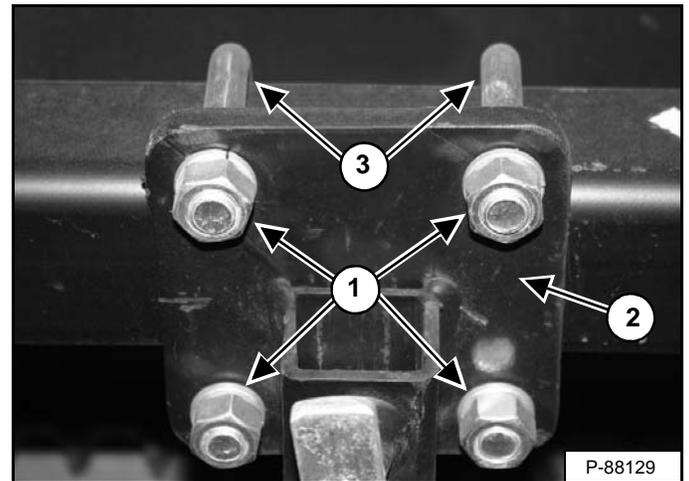


Loosen the rake retainer (Item 1) [Figure 10-40-1].

Pull rake (Item 2) down through rake mounting plate (Item 3) [Figure 10-40-1].

Installation: Install rake (Item 2) up through rake mounting plate (Item 3). Tighten rake retainer (Item 1) [Figure 10-40-1].

Figure 10-40-2



Remove four nuts and lock washers (Item 1). Remove rake mounting plate (Item 2) and U-bolts (Item 3) [Figure 10-40-2].

Installation: Install U-bolts (Item 3) around seeder frame. Install mounting plate (Item 2), lock washers and nuts (Item 1) [Figure 10-40-2].



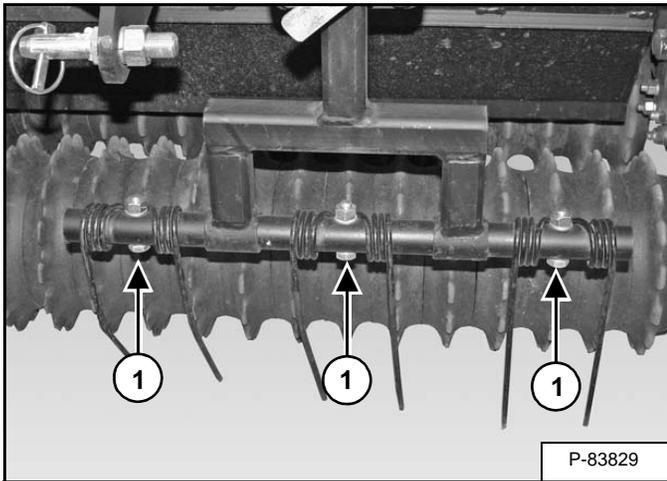
Bobcat®

RAKE TINES

Removal And Installation

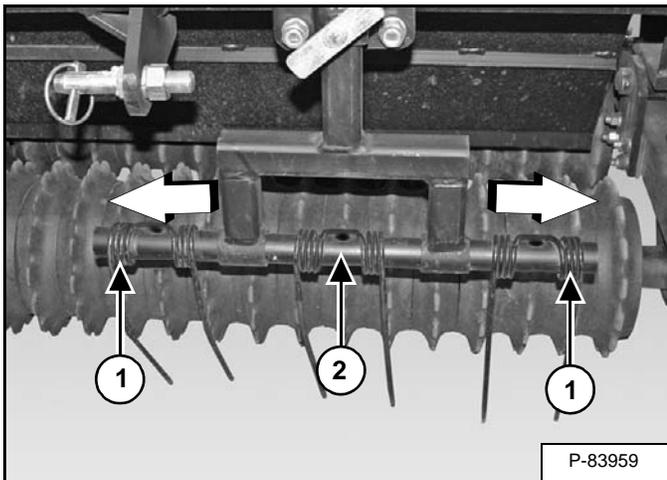
Removal

Figure 10-50-1



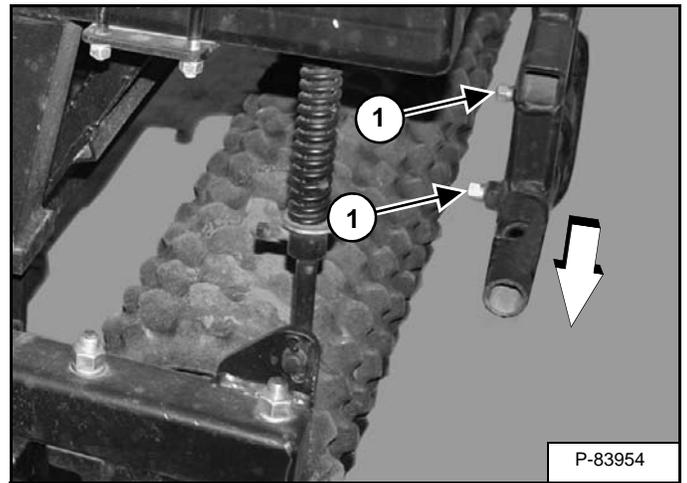
Remove the three bolts and nuts (Item 1) [Figure 10-50-1].

Figure 10-50-2



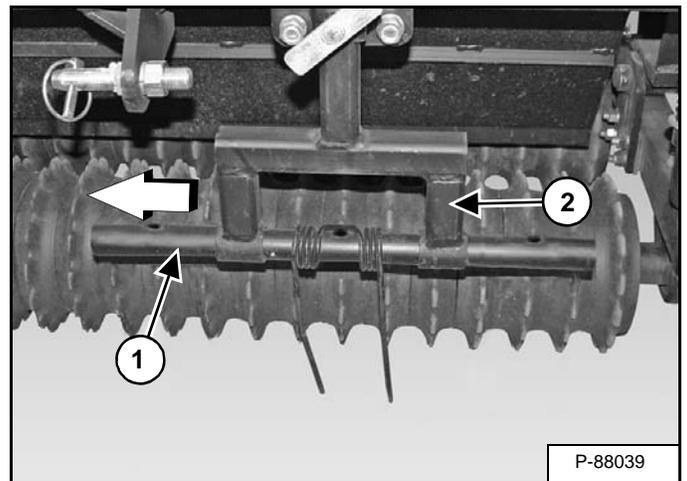
Remove the outer rake tines (Item 1) from each side of the rake tine shaft (Item 2) [Figure 10-50-2].

Figure 10-50-3



Remove the bolts (Item 1) [Figure 10-50-3] that secure the rake tine shaft.

Figure 10-50-4



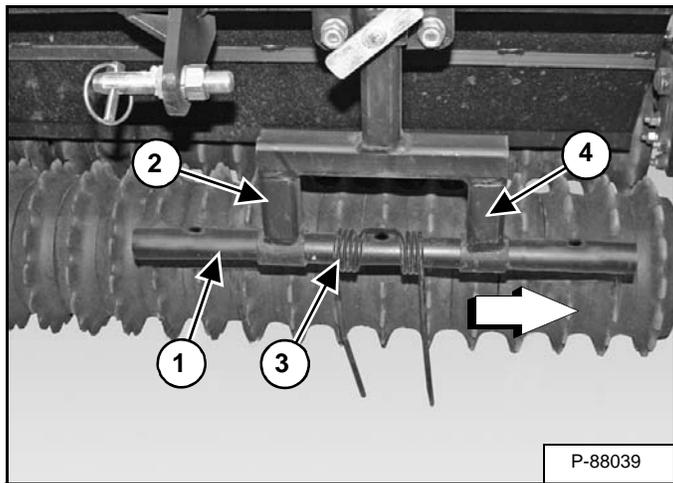
Remove the rake tine shaft (Item 1) from rake assembly (Item 2) [Figure 10-50-4].

RAKE TINES (CONT'D)

Removal And Installation (Cont'd)

Installation

Figure 10-50-5

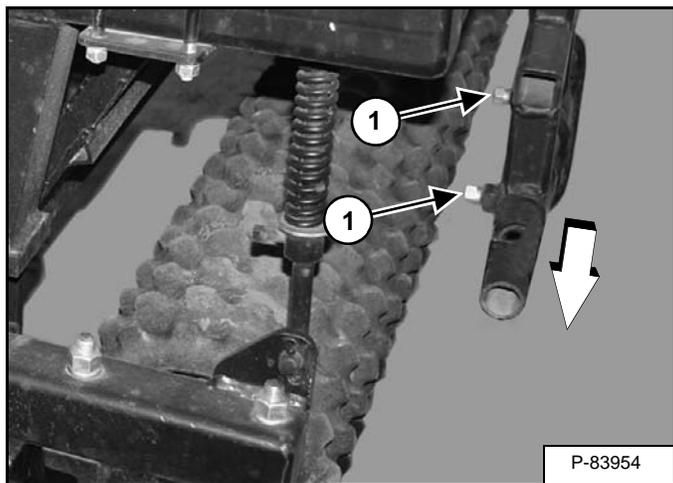


Install the rake tine shaft (Item 1) through the first arm of the rake assembly (Item 2) [Figure 10-50-5].

Install a rake tine (Item 3) [Figure 10-50-5] on the shaft so the tines angle toward the seeder.

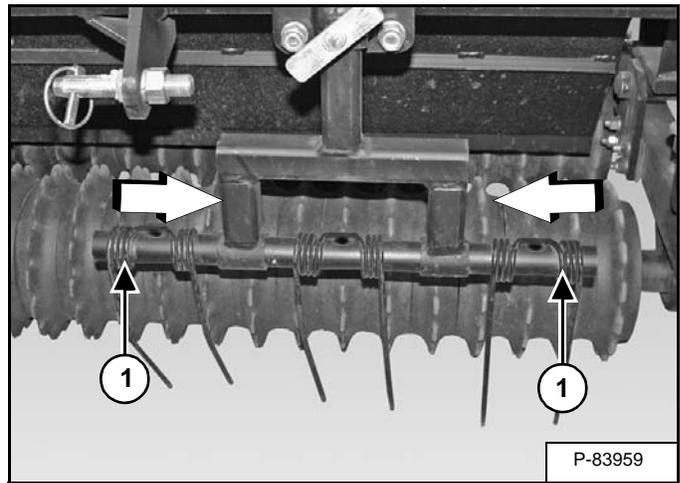
Install the shaft through the second arm of the rake assembly (Item 4) [Figure 10-50-5].

Figure 10-50-6



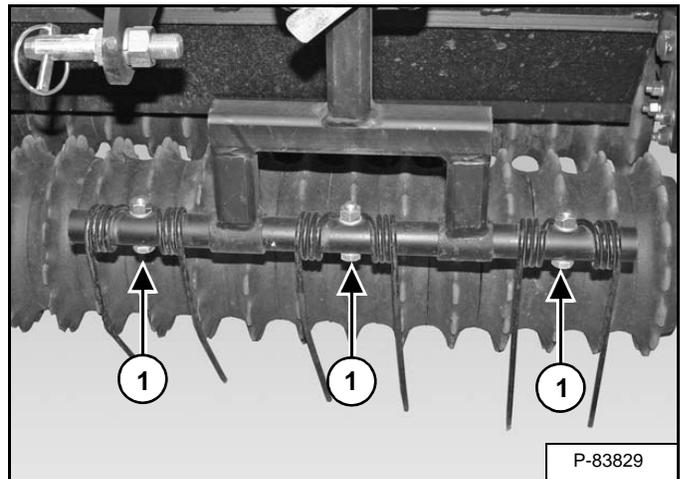
Install the bolts (Item 1) [Figure 10-50-6] that secure the rake tine shaft. Tighten bolts to 25-28 ft.-lb. (34-38 N•m) torque.

Figure 10-50-7



Install the outer rake tines onto each side of the rake tine shaft (Item 1) [Figure 10-50-7] so the tines angle toward the seeder.

Figure 10-50-8



Install the three bolts and nuts (Item 1) [Figure 10-50-8].

MAIN FRAME

AGITATOR SHAFT	20-40-1
Removal	20-40-1
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Offset Installation	20-80-2
Removal And Installation	20-80-1
CHAIN COVERS	20-10-1
Removal And Installation	20-10-1
LARGE CHAIN	20-20-1
Removal And Installation	20-20-1
LEVELING SPRINGS	20-70-1
Installation	20-20-3
Removal	20-20-1
ROLLERS	20-60-1
Removal And Installation	20-60-1
SEED BOX	20-50-1
Removal And Installation	20-50-1
SMALL CHAIN	20-30-1
Removal And Installation	20-30-1

**MAIN
FRAME**

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