

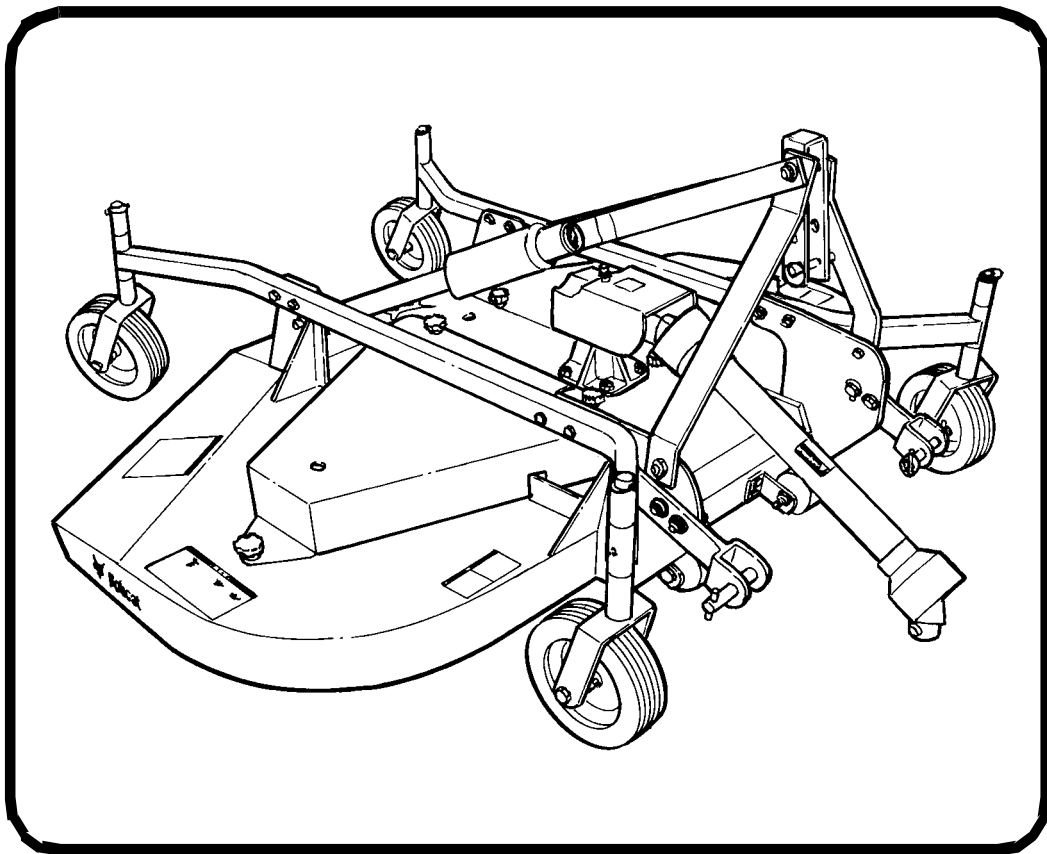


Bobcat®

Service Manual

Three-Point Finish Mower

(3FM60) S/N AL1C00101 & Above
(3FM72) S/N AL1D00101 & Above
(3FM84) S/N AL1E00101 & Above



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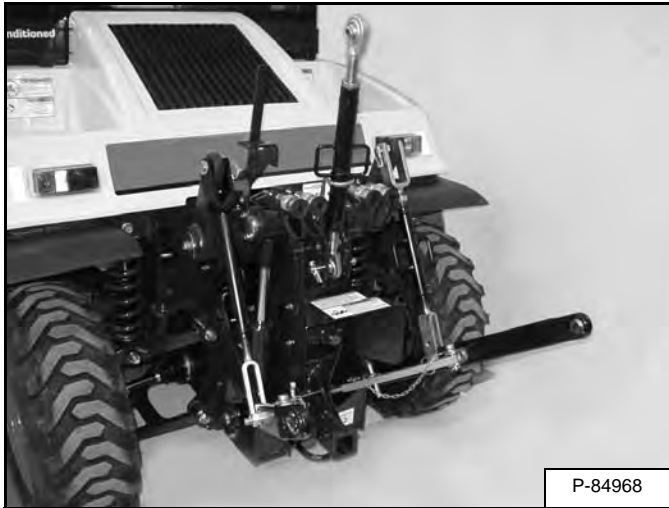
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INSPECTION (CONT'D)

Three-Point Hitch (Cont'd)

Figure 10-30-3



Inspect the three-point hitch linkage, PTO shaft splines (if required), guards, and shields **[Figure 10-30-2]** or **[Figure 10-30-3]**. Replace if damaged or missing. Repair broken or loose parts.

See your machine's Operation & Maintenance Manual for detailed information on inspecting the machine.

LUBRICATING THE IMPLEMENT

Lubrication Locations

Lubricate every 10 hours for the best performance of the three-point finish mower.

Always use a good quality lithium base multi-purpose grease when lubricating the implement. Apply lubricant until extra grease shows.

! 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.

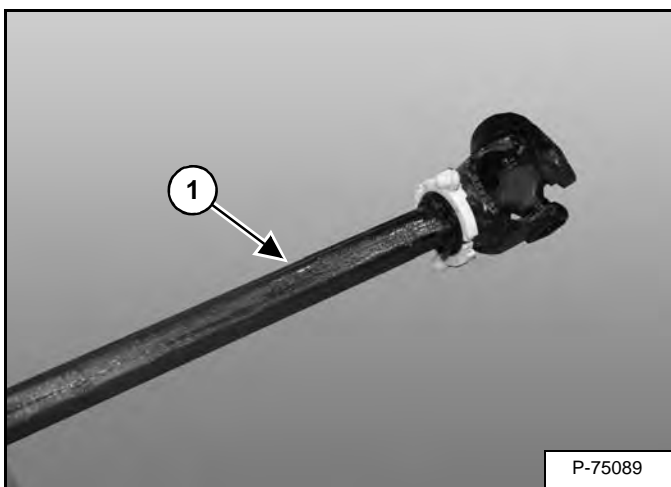
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IMPORTANT

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 10-80-1



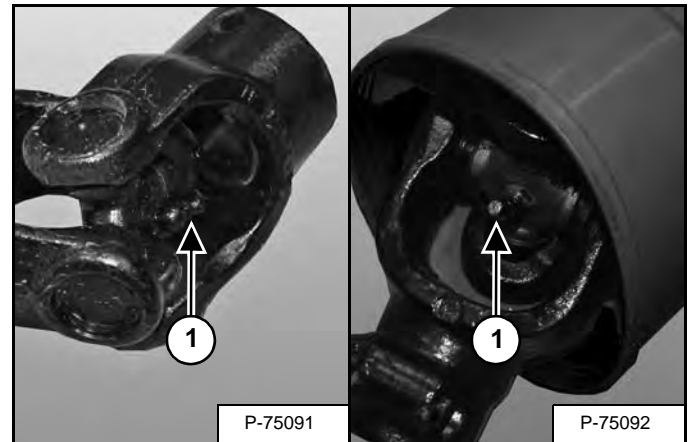
Apply grease to the PTO driveline (Item 1) [Figure 10-80-1].

Keep the telescoping parts of the driveline clean and well lubricated.

To grease the profile tube, disconnect driveline from the PTO and pull halves apart. Pump grease into the profile tube and reinstall **every 10 hours**. Raise and lower the three-point finish mower to spread grease evenly.

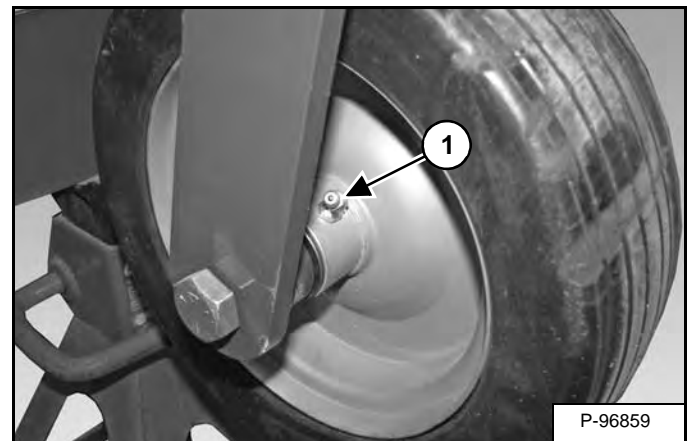
NOTE: If the telescoping parts of the driveline are allowed to become dirty or dry, the driveline will bind, greatly reducing the life of the U-joints.

Figure 10-80-2



Lubricate the u-joint grease fittings (Item 1) [Figure 10-80-2] on both ends of the PTO driveline.

Figure 10-80-3

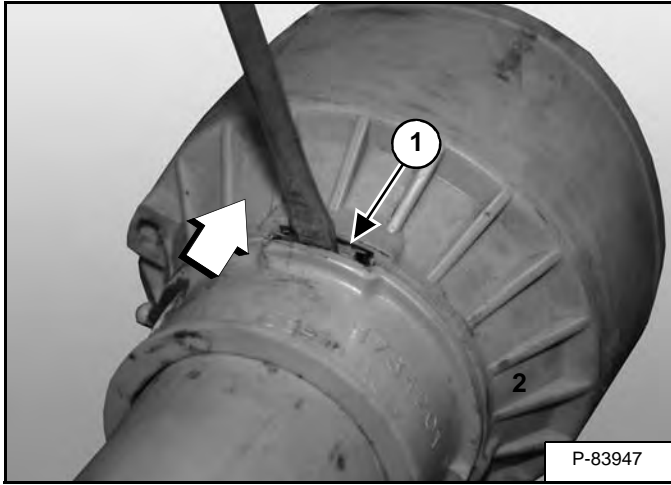


Lubricate the grease fitting (Item 1) [Figure 10-80-3] on the wheel hubs.

PTO DRIVELINE (CONT'D)

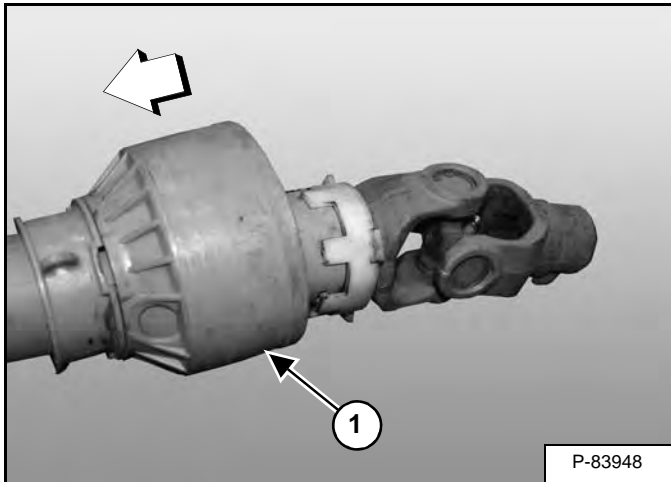
U-Joint Removal And Installation (Cont'd)

Figure 20-20-7



Pry all three tabs (Item 1) [Figure 20-20-7] back to release the PTO driveline guard.

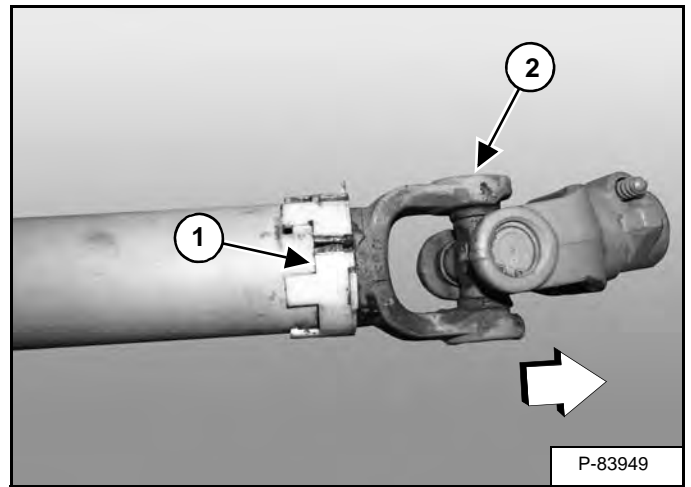
Figure 20-20-8



Slide guard (Item 1) [Figure 20-20-8] back onto PTO driveline.

Installation: Slide guard back over u-joint and locking collar.

Figure 20-20-9

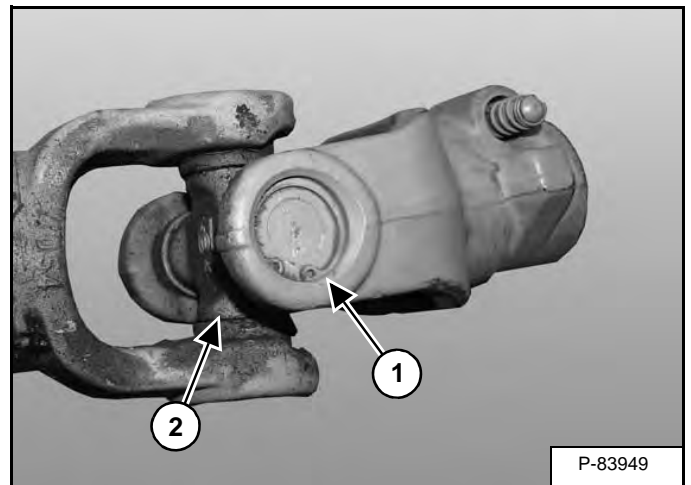


Separate locking collar (Item 1) [Figure 20-20-9] at splice from PTO driveline.

Slide the PTO driveshaft (Item 2) [Figure 20-20-9] from the PTO driveline.

Installation: Slide PTO driveshaft into driveline housing. Install locking collar.

Figure 20-20-10



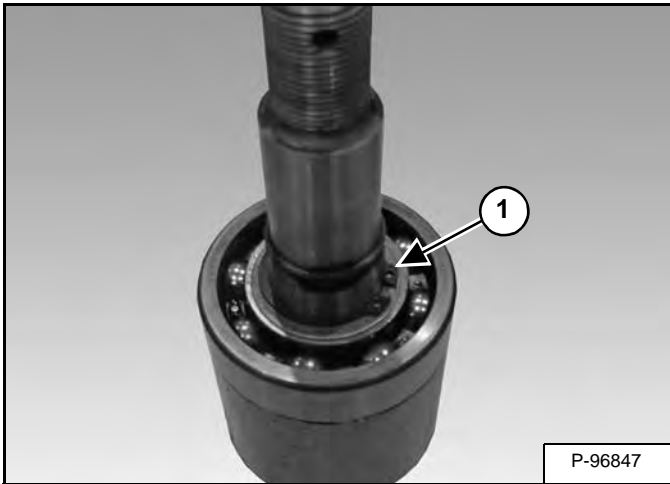
Remove the four snap rings (Item 1) and remove the u-joint (Item 2) [Figure 20-20-10] from the yokes.

Installation: Install new u-joint into the yokes. Install snap rings.

GEARBOX (CONT'D)

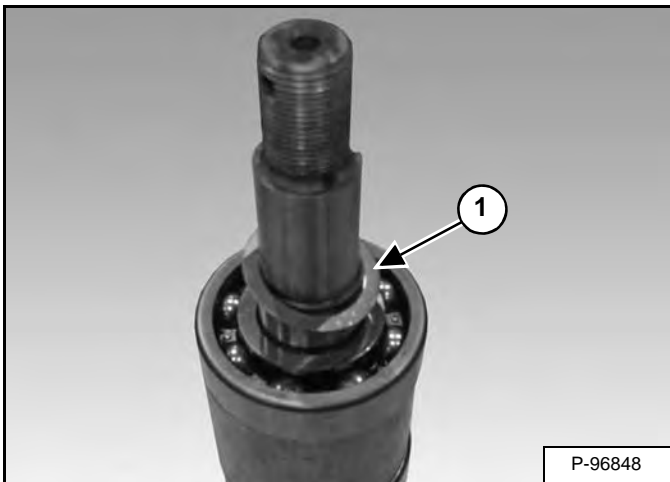
Disassembly (Cont'd)

Figure 20-30-24



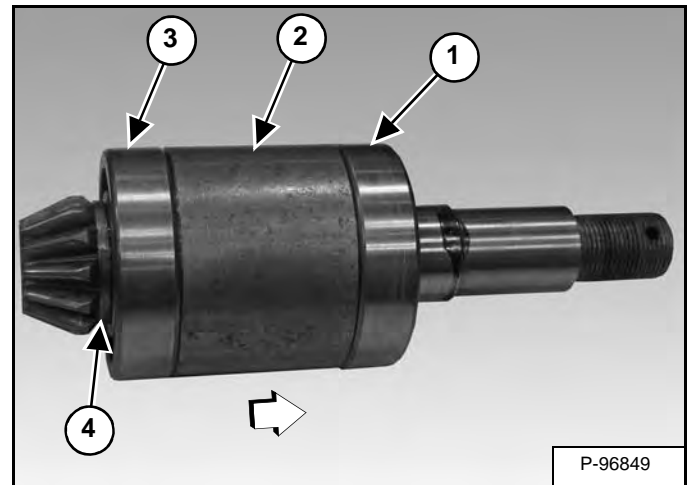
Remove the retaining ring (Item 1) [Figure 20-30-24].

Figure 20-30-25



Remove the shim(s) (Item 1) [Figure 20-30-25].

Figure 20-30-26



Remove bearing (Item 1), spacer (Item 2), bearing (Item 3) and spacer (Item 4) [Figure 20-30-26] from the output shaft.

Inspect the bearings and output shaft. If damaged discard and replace.

ANTI-SCALP WHEEL

Removal And Installation

Stop the machine and implement on a flat level surface.

Fully lower the loader arm(s) and put the attachment flat on the ground (if equipped).

Stop the engine and exit the machine. (See the machine's Operation & Maintenance Manual for detailed information on operating the machine.)

WARNING

AVOID INJURY OR DEATH

- Disengage PTO (rear and mid), engage the parking brake, stop the engine and make sure all rotating components are stopped before exiting machine.
- Do NOT service the machine or implement with the PTO (rear or mid) engaged.
- Do NOT service the implement unless all rotating components have stopped.

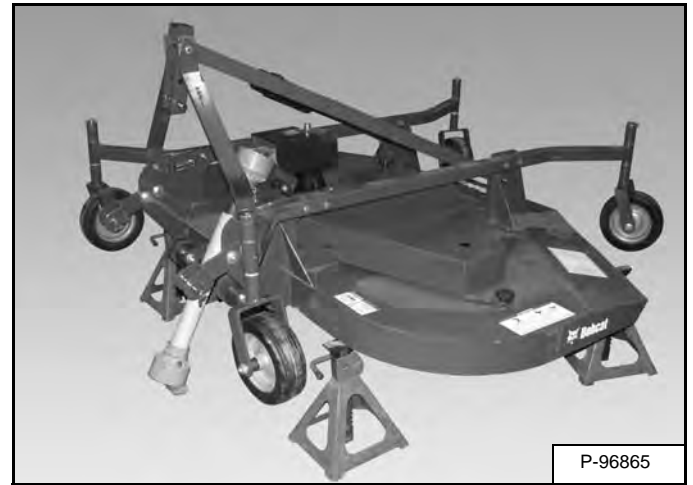
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Make sure the PTO driveline and all rotating components have come to a complete stop before exiting the machine.

Remove the three-point finish mower from the machine. (See the three-point finish mower's Operation & Maintenance Manual for the correct procedure.)

Install chains and lift the three-point finish mower. (See the three-point finish mower's Operation & Maintenance Manual for the correct procedure.)

Figure 20-50-1



WARNING

AVOID INJURY OR DEATH

Securely block up the implement before working underneath.

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Position the four jackstands as shown in [Figure 20-50-1]. Lower the finish mower and place on jackstands.

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