TORQUE SPECIFICATIONS FOR BOLTS

Torque For General SAE Bolts

The following table shows standard torque specifications for bolts with zinc phosphate coating. Bolts purchased from Bobcat that have zinc phosphate coating are specified by the letter “H” following the part number.

	THREAD SIZE	SAE GRADE 5	SAE GRADE 8
INCH	0.250	80 - 90	110 - 120

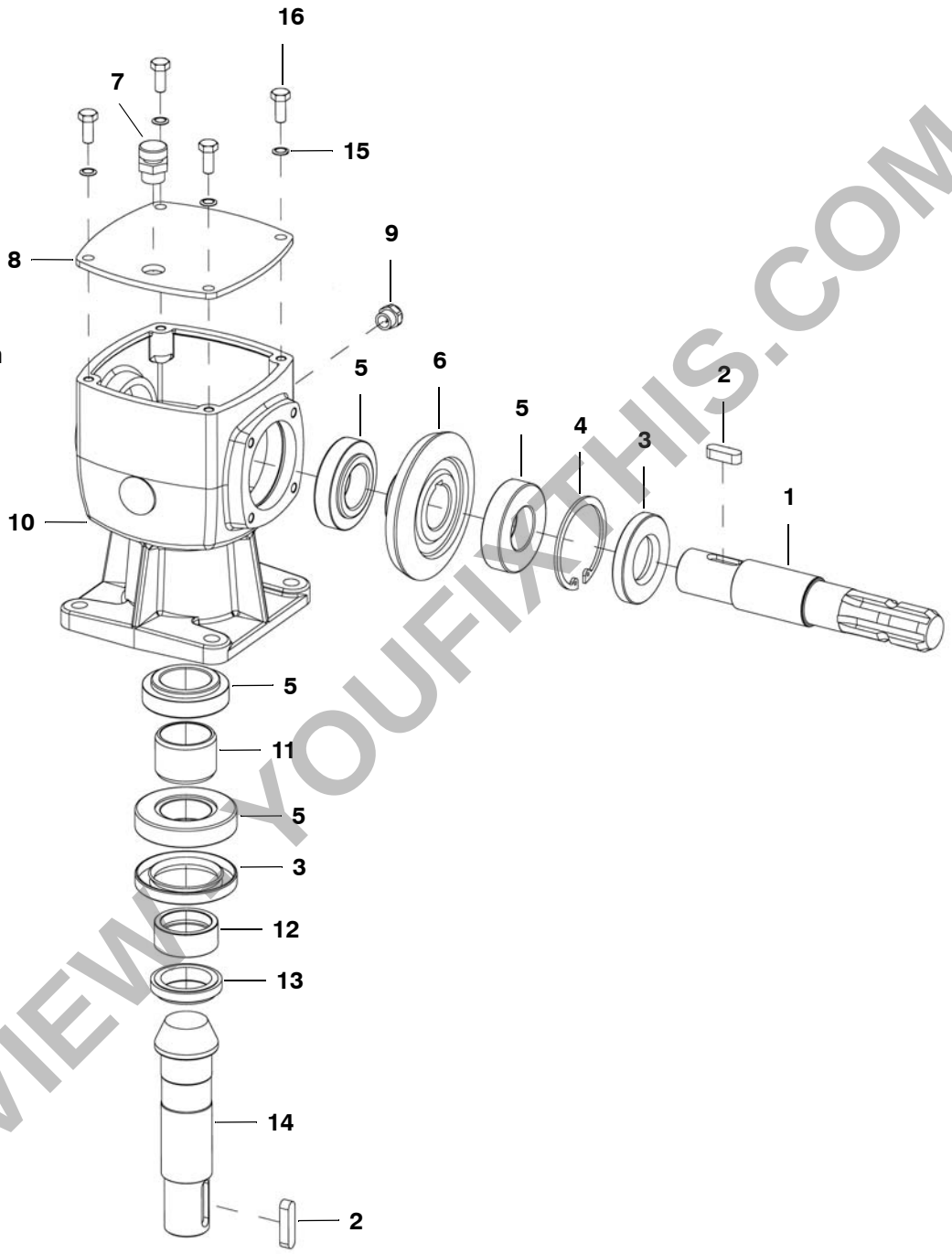
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Parts Identification Single Output

1. Input Shaft
2. Key
3. Oil Seal
4. Internal Snap Ring
5. Bearing
6. Spiral Bevel Gear
7. Fill Plug/ Vent
8. Gearbox Cover
9. Sight Gauge Plug
10. Gearbox Housing
11. Pinion Spacer
12. Spacer w/O-ring
13. Locking Ring
14. Spiral Bevel Pinion
15. Washer
16. Bolt



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GEARBOX

Removal And Installation

⚠ WARNING

AVOID INJURY OR DEATH

Before you leave the operator's seat:

- **Fully lower the loader arms, put the attachment flat on the ground (if equipped).**
- **Fully lower the implement(s) to the ground (if equipped).**
- **Lock brake pedals together and engage the parking brake.**
- **Place all controls in neutral.**
- **Stop the engine, unfasten the seat belt and remove the key.**

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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).

Lock brake pedals together and engage the parking brake (if equipped).

Place all controls in neutral and stop the engine.

⚠ WARNING

AVOID INJURY OR DEATH

- **Disengage the PTO (rear and mid), engage the parking brake, stop the engine and make sure all rotating components are completely stopped before connecting, disconnecting, adjusting or cleaning any PTO driven equipment.**
- **Always keep PTO shields and all guards in place when using PTO driven equipment.**
- **Disengage PTO (rear and mid) for road travel.**
- **Keep hands, feet and clothing away.**

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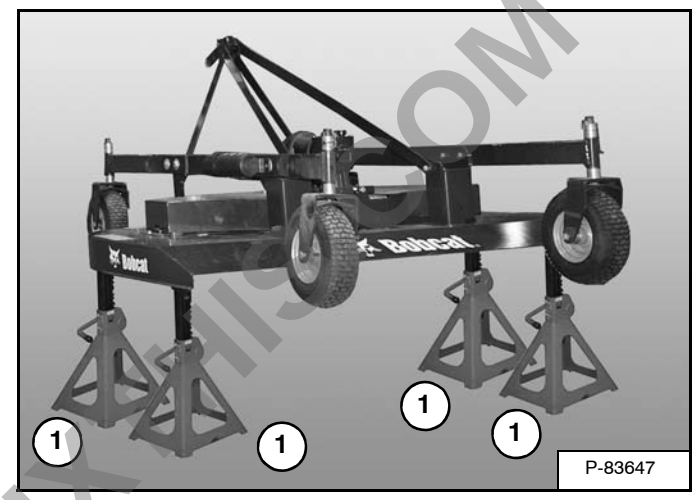
Make sure the PTO driveline and all rotating components have come to a complete stop before exiting the machine.

Exit the machine. (See the machine Operation & Maintenance Manual for the correct procedure.)

Remove the mower from the machine. (See the machine Operation & Maintenance Manual for the correct procedure.)

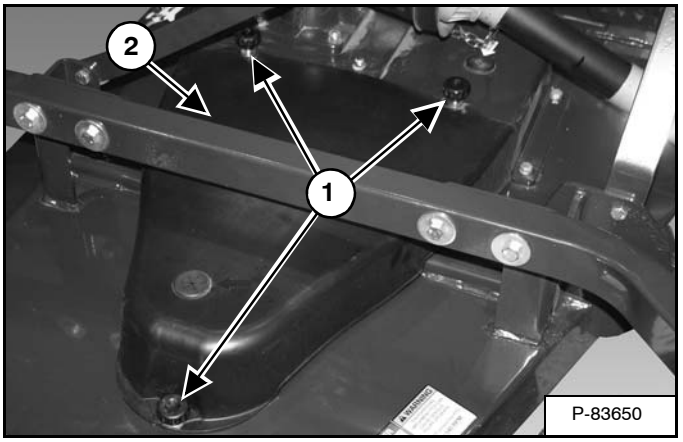
Install chains and lift the mower. (See the implement Operation & Maintenance Manual for the correct procedure.)

Figure 20-30-1



Lower the mower and place on jackstands. Position the four jackstands (Item 1) **[Figure 20-30-1]** as shown.

Figure 20-30-2



Remove knob (Item 1) and remove the belt guard (Item 2) both sides of mower **[Figure 20-30-2]**.

Installation: Place the belt guard (Item 2) on both sides of mower, then insert knobs (Item 1) and tighten firmly for both guards (Item 2) **[Figure 20-30-2]**.

Loosen belt tension. (See Procedure on Page 10-50-1.)

Remove belts from gearbox pulley guides. (See Procedure on Page 20-10-1.)

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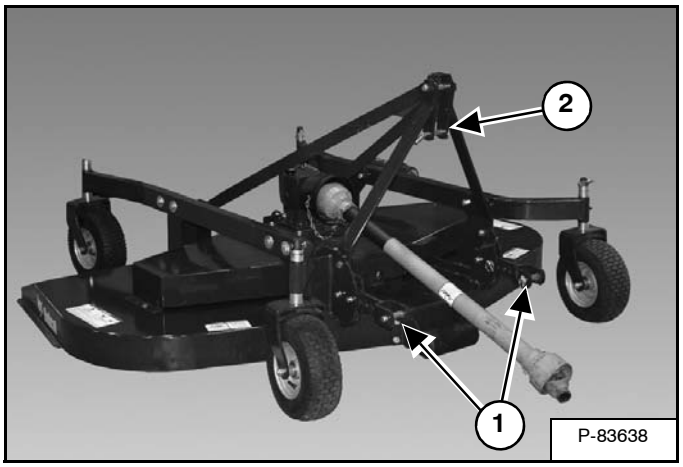
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INSPECTION

Implement Mounting Frame

Figure 10-30-1



Inspect the lower three-point mounts and lower mounting pins (Item 1) and upper three-point mount and pin (Item 2) **[Figure 10-30-1]**, along with all welds on the three-point finish mower for wear and damage each time the three-point finish mower is removed from the machine.

Check the following items at the start of a work day:

- Check for damaged or missing decals. Replace if necessary.
- Replace any worn or damaged parts immediately.

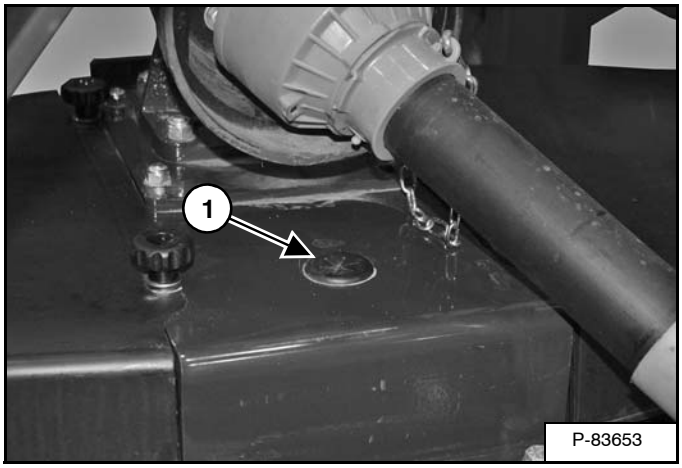
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LUBRICATING THE IMPLEMENT (CONT'D)

Lubrication Locations (Cont'd)

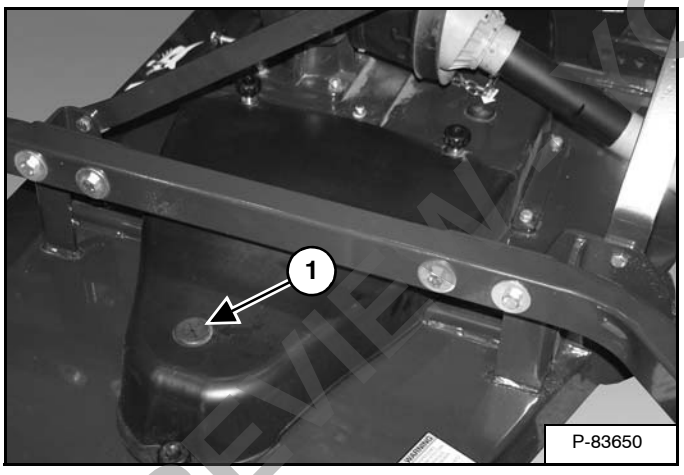
Figure 10-80-5



Lubricate the grease fitting for center blade spindle located under grease fitting access cover (Item 1) **[Figure 10-80-5]**.

NOTE: Push grease gun fitting through grease fitting access cover and affix firmly to grease fitting to grease spindle bearings.

Figure 10-80-6



Lubricate the grease fitting for each side blade spindle located under grease fitting access cover (Items 1) **[Figure 10-80-6]**.

NOTE: Push grease gun fitting through grease fitting access cover and affix firmly to grease fitting to grease spindle bearings.

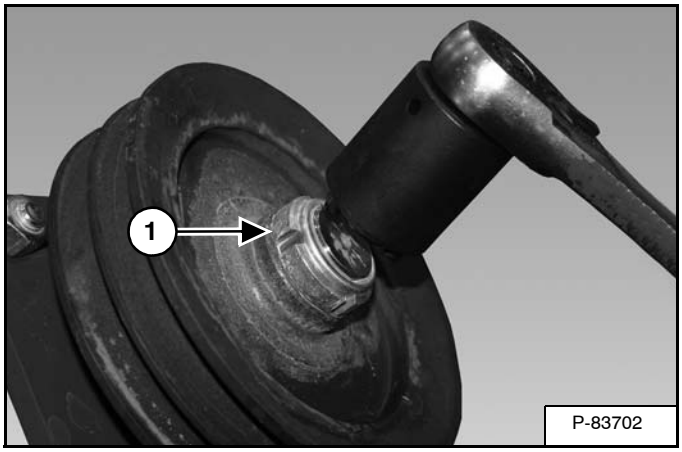
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BLADE SPINDLE (CONT'D)

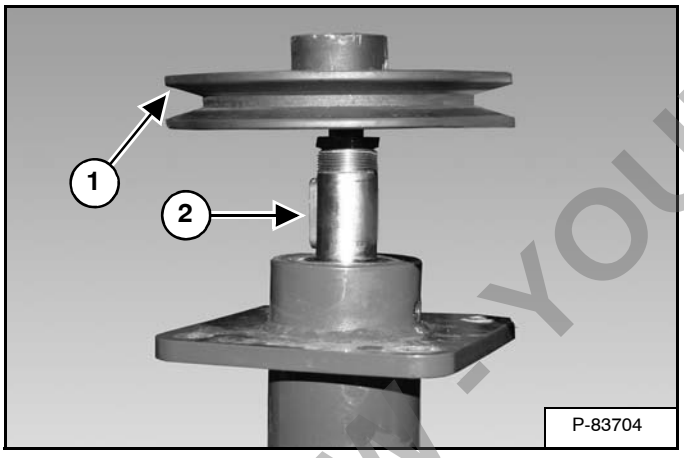
Removal And Installation (Cont'd)

Figure 20-40-5



Remove the locking ring (Item 1) **[Figure 20-40-5]**.

Figure 20-40-6



Remove the pulley (Item 1) **[Figure 20-40-6]**.

Remove the key (Item 2) **[Figure 20-40-6]**.

Installation: Install the key (Item 2) and pulley (Item 1) **[Figure 20-40-6]**. Install the locking ring (Item 1) **[Figure 20-40-5]** and tighten.

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