

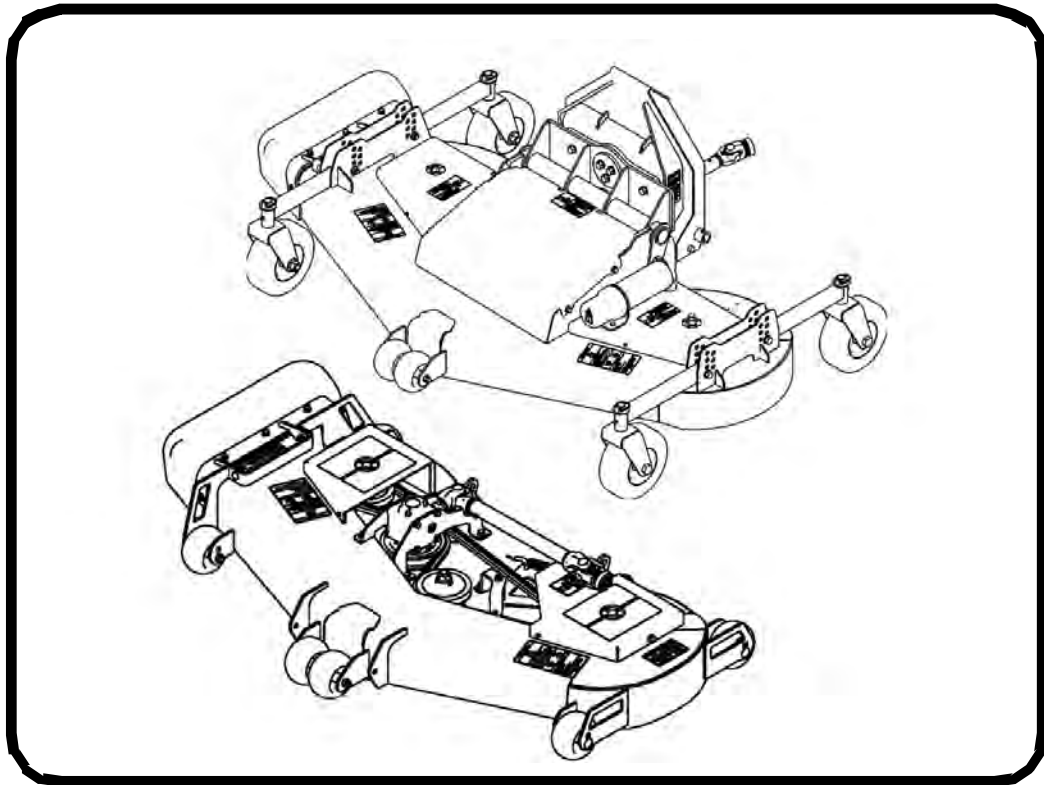


Bobcat®

Service Manual

Mid-Mount & Front Mount Finish Mower

(Mower Mid MM54) S/N AB4D00101 & Above
(Mower Mid MM66) S/N AB4C00101 & Above
(FM Mower 66) S/N AW4400101 & Above



MAINTENANCE SAFETY



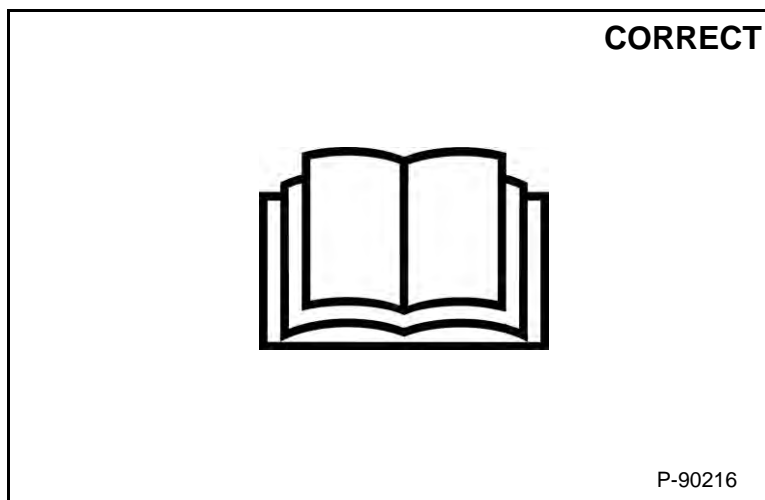
WARNING









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.



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**Thanks very much for your reading,
Want to get more information,
Please click here, Then get the complete
manual**

JustClickHere 

NOTE:

**If there is no response to click on the link above,
please download the PDF document first, and then
click on it.**

**Have any questions please write to me:
admin@servicemanualperfect.com**



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FOREWORD

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SERIAL NUMBER LOCATION

Attachment Serial Number

Figure 1

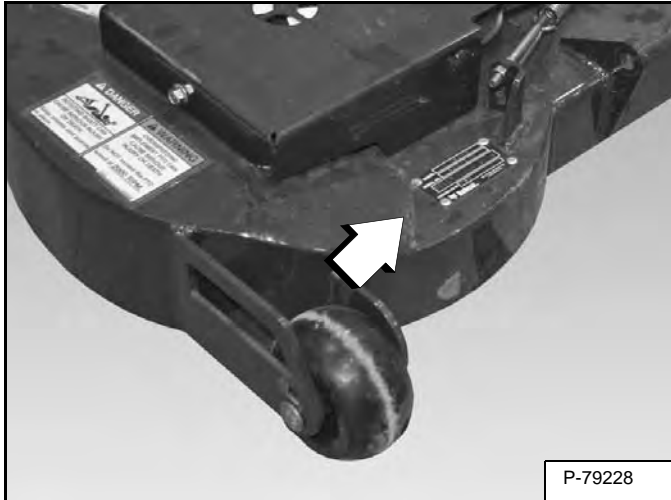
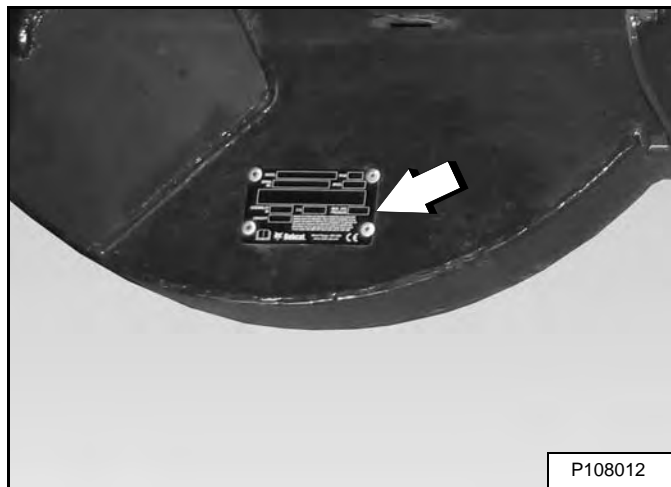


Figure 2



Always use the serial number of the mower 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] or [Figure 2].

DELIVERY REPORT

Figure 3

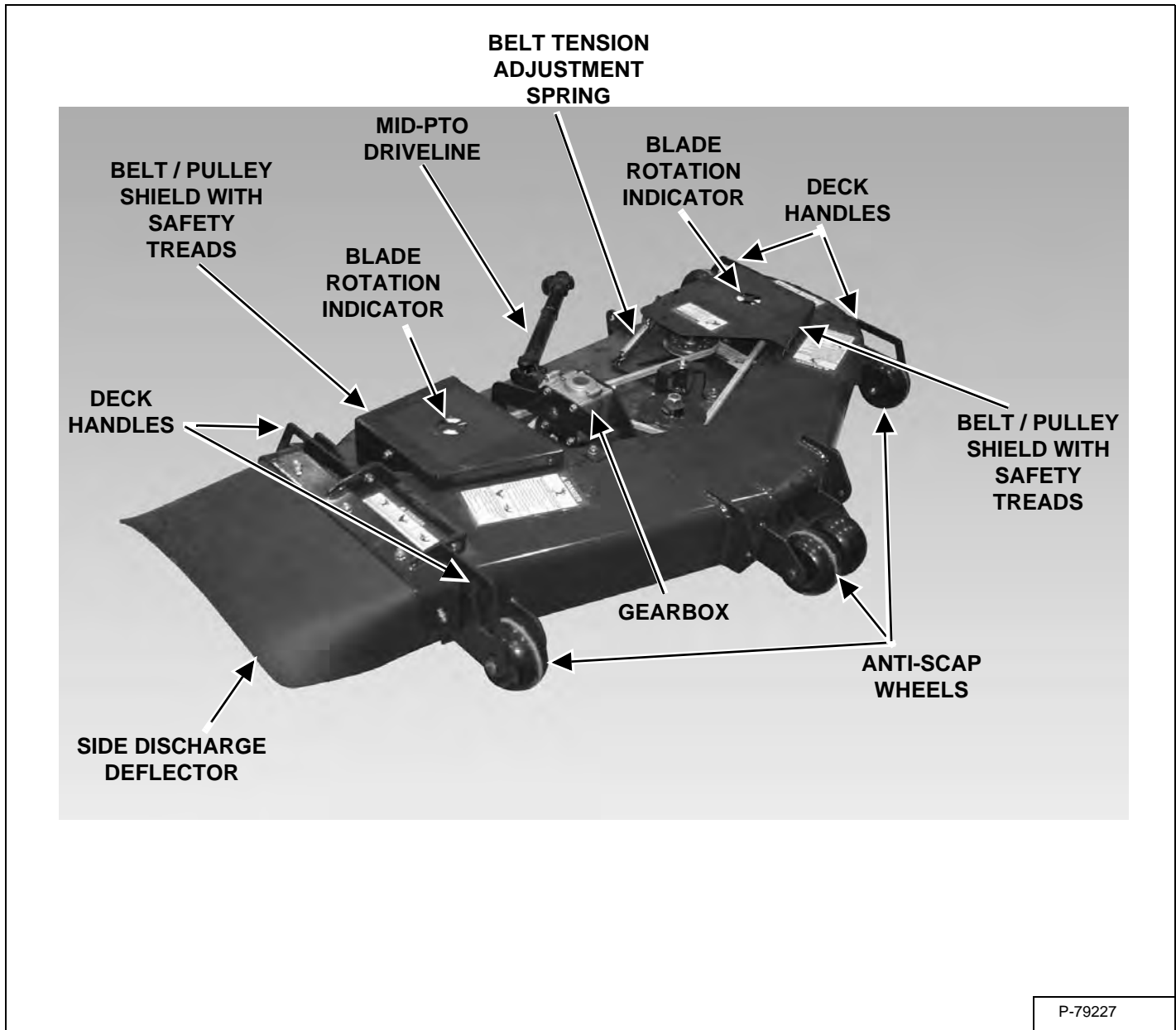
A Bobcat Delivery Report form for Attachment. The form includes fields for Dealer Name, Dealer Phone, Dealer Address, and Dealer City/State/Zip. It also has a section for the Operator's Name and Signature. A prominent "WARNING" section is visible, containing safety instructions. The form is numbered NA7494.

NA7494

The delivery report [Figure 3] must be completed by the dealer and signed by the owner or operator when the Bobcat mower is delivered. An explanation of the form must be given to the owner.

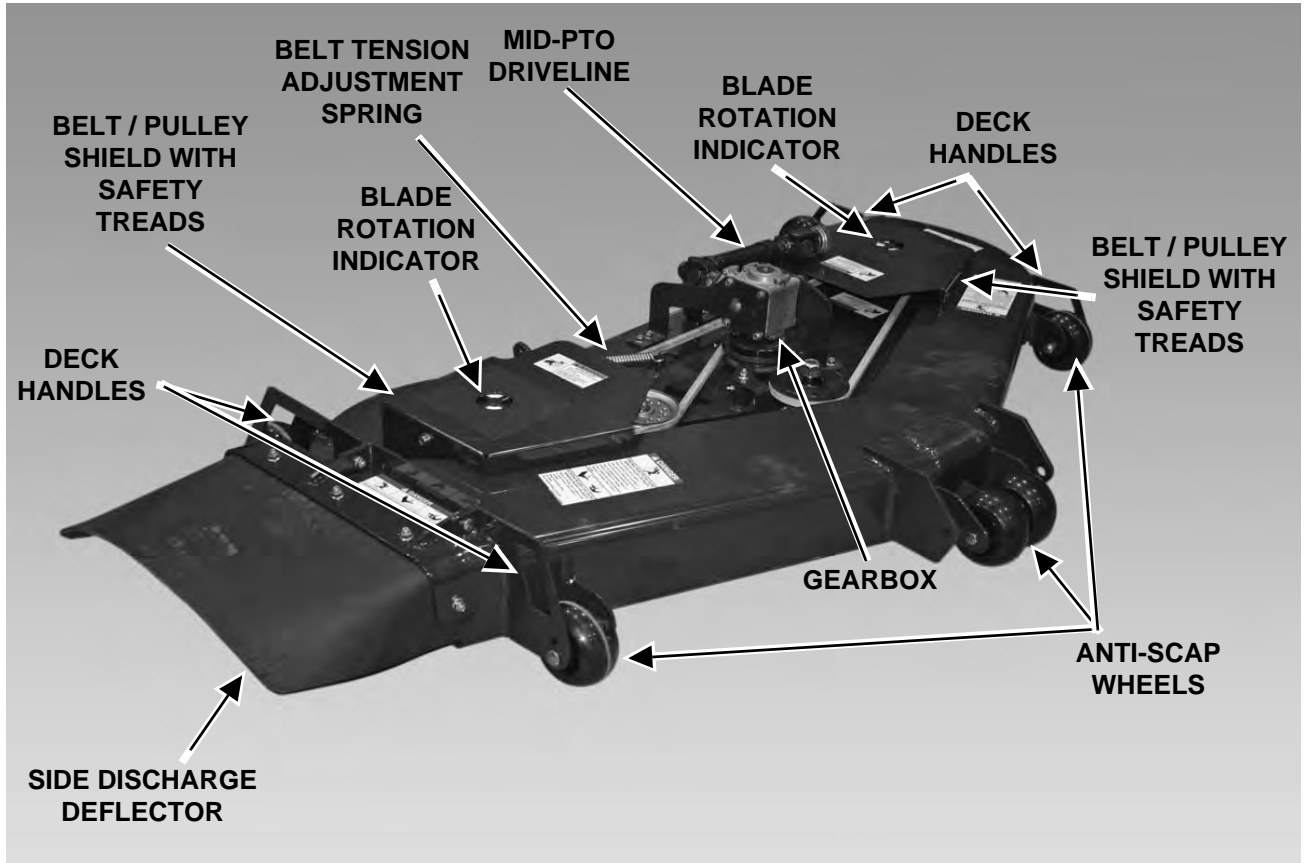
ATTACHMENT IDENTIFICATION

Mower Mid MM54 (54 In)



ATTACHMENT IDENTIFICATION (CONT'D)

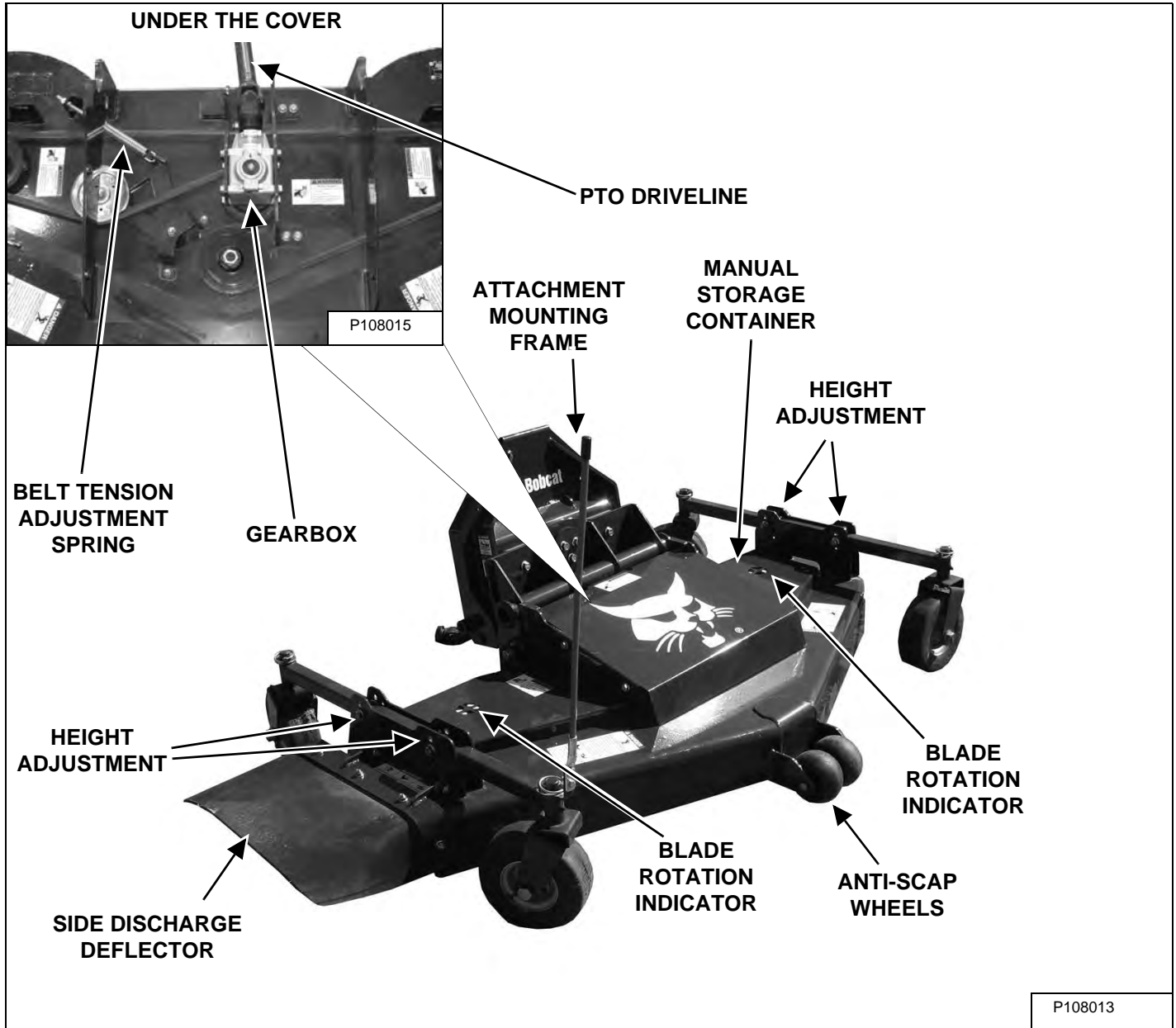
Mower Mid MM66 (66 In)



P-83540

ATTACHMENT IDENTIFICATION (CONT'D)

Front Mount Mower FM66 (66 In)



SAFETY AND MAINTENANCE

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TROUBLESHOOTING

Chart



WARNING

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W-2003-0807

Use the following troubleshooting chart to locate and correct problems which most often occur with the attachment.

TROUBLESHOOTING THE MID-MOUNT AND FRONT MOUNT FINISH MOWER		
PROBLEM	CAUSE	CORRECTION
Poor cutting.	Travel speed too fast.	Reduce travel speed.
	Damaged gearbox.	Repair or replace gearbox.
	Low blade rpm.	Increase rpm.
	Blade belt slipping.	Adjust belt to correct tension.
	Blades dull.	Sharpen or replace the blades.
Blades will not rotate.	Worn or broken blade belt.	Replace belt.
	PTO driveline disconnected.	Connect PTO driveline.
Vibration.	Build up of material on the bottom of the mower deck.	Clean the bottom of the mower deck.
	Loose or cracked hardware.	Repair or replace as needed.
	Blades worn or broken.	Replace the blades.
	Blade spindles bent.	Replace spindles.
	Blades not balanced.	Balance or replace blades.



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LUBRICATING THE ATTACHMENT

Lubrication Locations (Front Mount)



AVOID INJURY OR DEATH

If equipped with a loader or implement, always have the attachment or implement fully lowered on the ground. Stop the engine and engage the parking brake before doing any maintenance to the compact tractor. Do Not work under raised loader arms or raised implement.

W-2599-0607

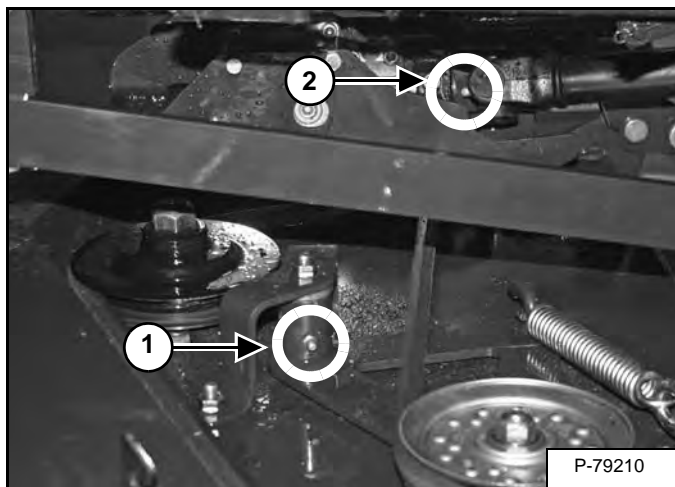
Lubricate as specified for the best performance of the front mount finish mower.

Always use a good quality lithium based multi-purpose grease. Apply lubricant until extra grease shows.

Lubricate the following:

Mower Deck

Figure 10-20-1

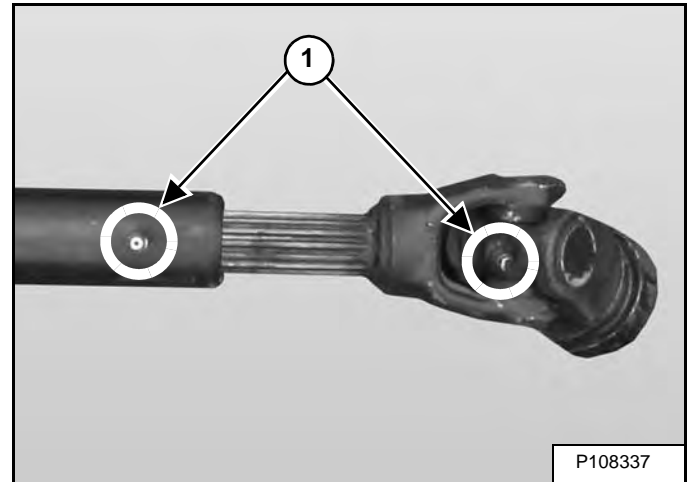


Belt tension pivot (Item 1) [Figure 10-20-1].

Front of PTO driveline (Item 2) [Figure 10-20-1].

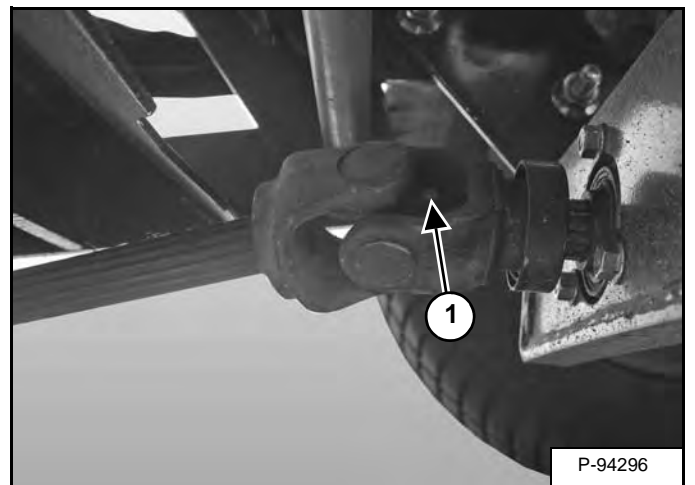
PTO Driveline

Figure 10-20-2



Utility Vehicle: Two locations (Items 1) [Figure 10-20-2] on the PTO driveline.

Figure 10-20-3



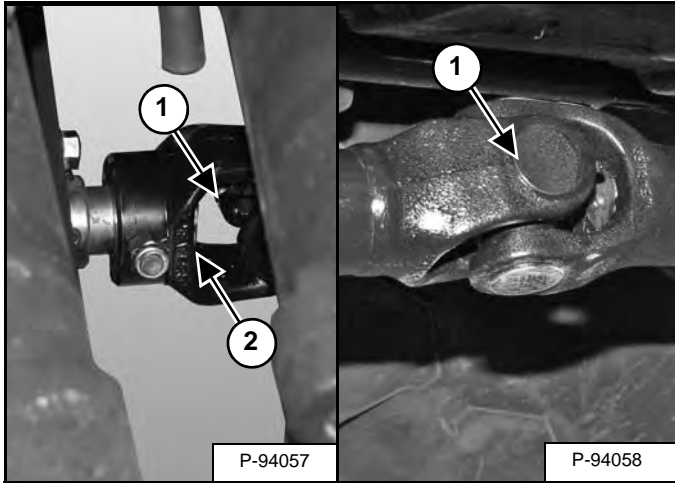
Compact Tractor: Knuckle joint (Item 1) [Figure 10-20-3] at the front-PTO.

LUBRICATING THE ATTACHMENT (CONT'D)

Lubrication Locations (Front Mount) (Cont'd)

PTO Driveline (Cont'd)

Figure 10-20-4



Compact Tractor: Inspect the driveline assembly for wear or damage.

NOTE: Pay attention to damaged or worn U-joints (Item 1) [Figure 10-20-4].

Compact Tractor: Inspect the snap ring (Item 2) [Figure 10-20-4] for damage; if missing, replace.

Repair or replace damaged parts.

LUBRICATING THE ATTACHMENT (CONT'D)

Lubrication Locations (Mid-Mount)



AVOID INJURY OR DEATH

If equipped with a loader or implement, always have the attachment or implement fully lowered on the ground. Stop the engine and engage the parking brake before doing any maintenance to the compact tractor. Do Not work under raised loader arms or raised implement.

W-2599-0607

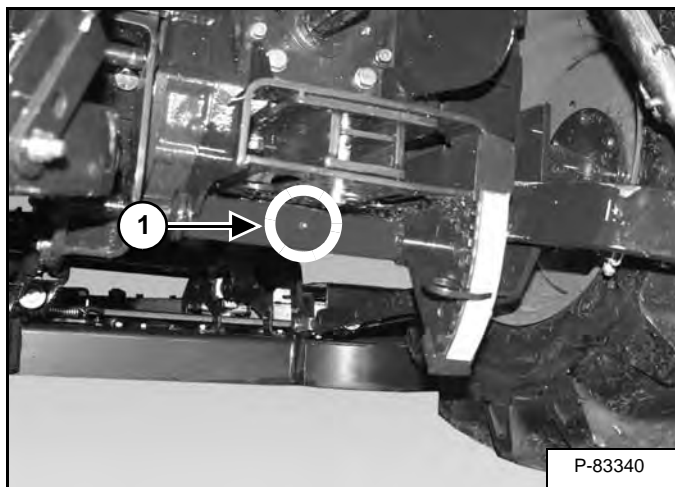
Lubricate as specified for the best performance of the mid-mount finish mower.

Always use a good quality lithium based multi-purpose grease. Apply lubricant until extra grease shows.

Lubricate the following:

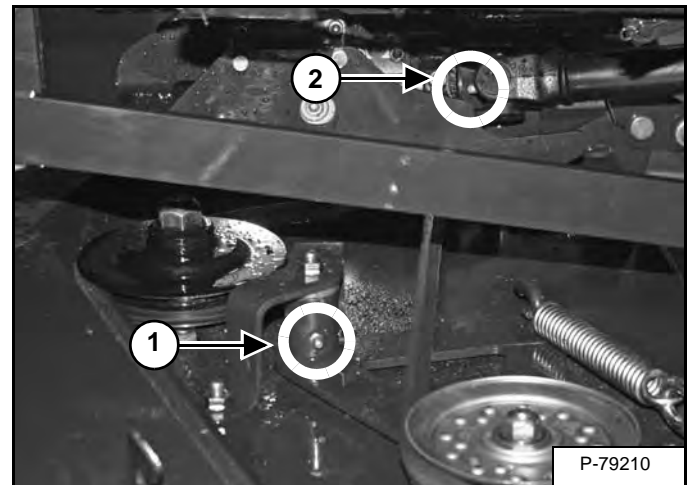
Mower Deck

Figure 10-20-5



Pivot pin on the rear mount (Item 1) [Figure 10-20-5].

Figure 10-20-6

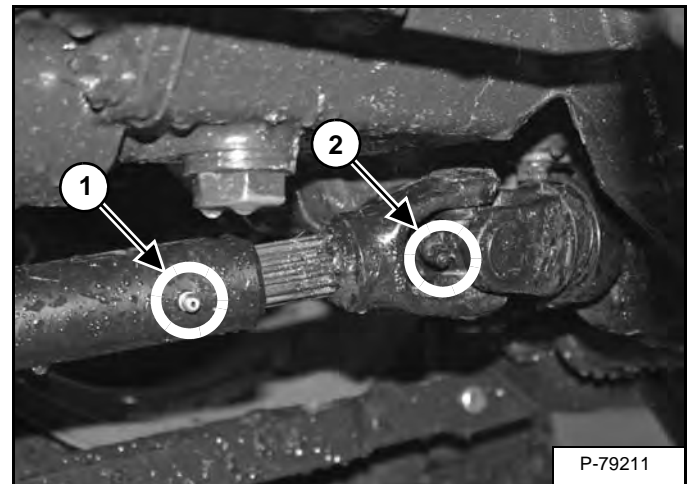


Belt tension pivot (Item 1) [Figure 10-20-6].

Front of PTO driveline (Item 2) [Figure 10-20-6].

PTO Driveline

Figure 10-20-7



Two locations (Items 1 and 2) [Figure 10-20-7] at the rear of the PTO driveline.



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DRIVE BELT

Adjusting Belt Tension

NOTE: The following illustrations may not show your exact mower as it appears but the procedure is correct.

WARNING

MACHINE ROLLAWAY CAN CAUSE SERIOUS INJURY OR DEATH

The parking brake must be engaged or the gear selector placed in PARK before leaving the operator's seat.

W-2943-0812

Always park on flat level ground. Put the attachment flat on the ground. Engage the parking brake or place the gear selector in PARK.

Place all controls in neutral. Stop the engine and exit the machine.

WARNING

AVOID INJURY OR DEATH

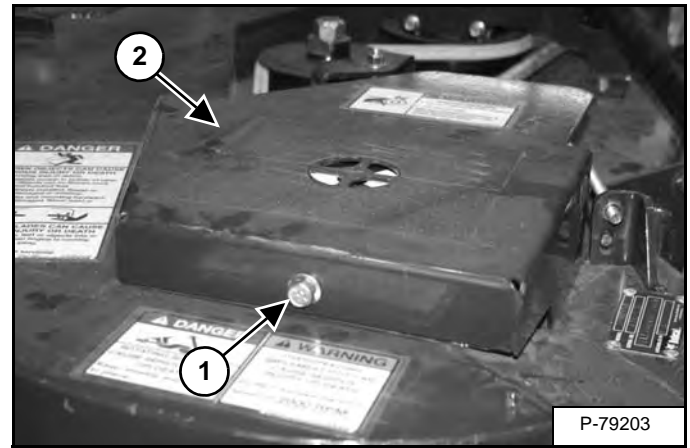
- Disengage the PTO, engage the parking brake or put the gear selector in park.
- Stop the engine and make sure all rotating components are completely stopped before connecting, disconnecting, adjusting or cleaning any PTO driven equipment.
- Always keep PTO shields and all guards in place when using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

W-2942-0812

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's Operation & Maintenance Manual for the correct procedure.)

Figure 10-30-1

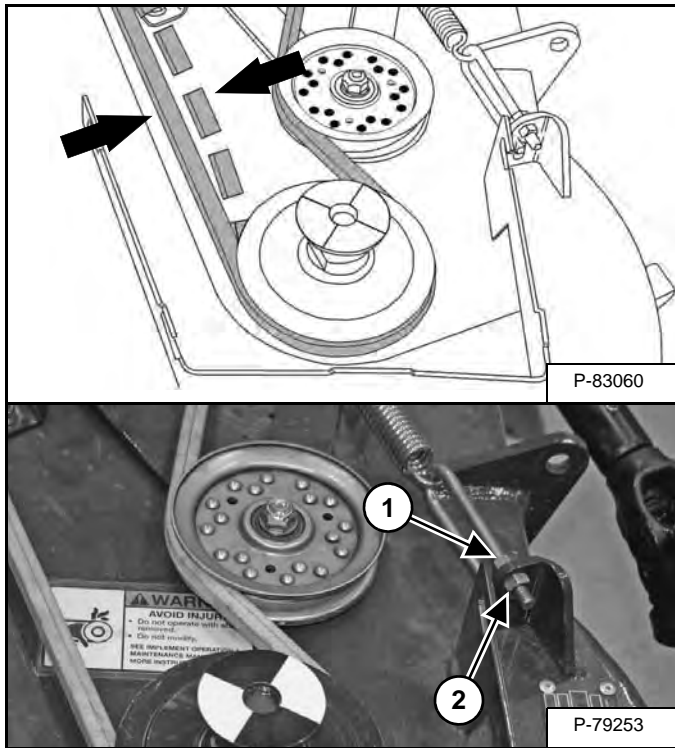


Remove bolt (Item 1) and remove the belt guard (Item 2) [Figure 10-30-1].

DRIVE BELT (CONT'D)

Adjusting Belt Tension (Cont'd)

Figure 10-30-2



Loosen jam nut (Item 1), tighten tension nut (Item 2) [Figure 10-30-2] to the desired belt tension.

Check belt tension by pressing forcefully on the belt.

The belt should move between 5 - 10 mm (0.2 - 0.4 in) [Figure 10-30-2].

Once the desired belt tension is obtained, tighten jam nut (Item 1) [Figure 10-30-2].

Install belt guard (Item 2) and bolt (Item 1) [Figure 10-30-1].

WARNING

AVOID INJURY OR DEATH
Never operate with covers or guards removed.

W-2121-0788

Removal And Installation

WARNING

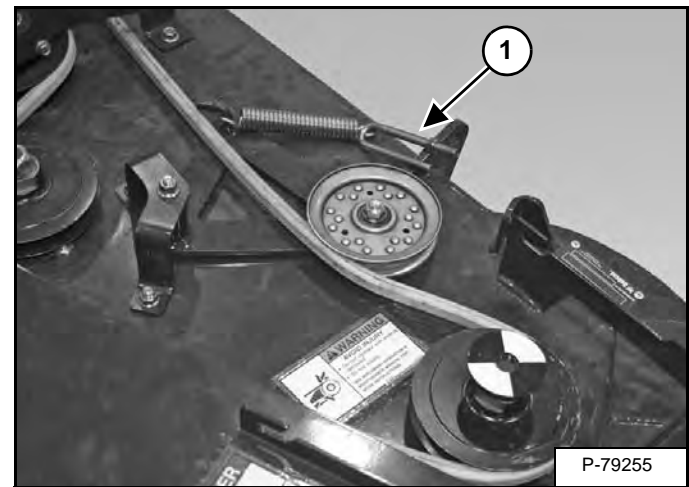
AVOID INJURY OR DEATH

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

Figure 10-30-3



Loosen or remove tension bolt (Item 1) [Figure 10-30-3].

Figure 10-30-4



Remove belt from pulleys [Figure 10-30-4].