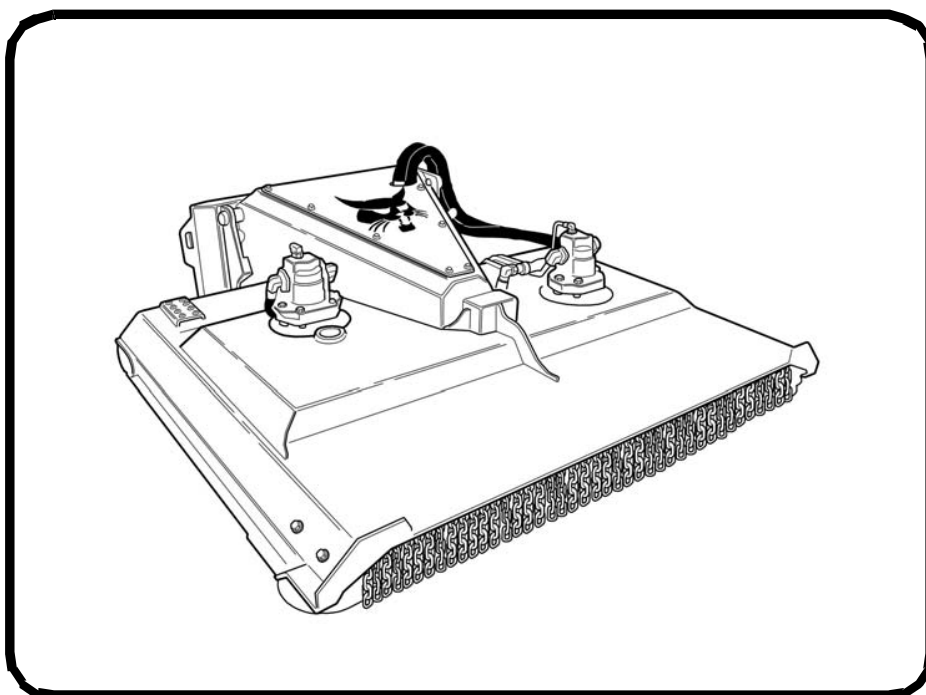




Service Manual

Rotary Cutter

(66) S/N B37K00101 & Above
(66HF) S/N B37600101 & Above
(72) S/N AYVY00101 & Above
(72HF) S/N B37500101 & Above
(80) S/N B37700101 & Above



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MAINTENANCE SAFETY



WARNING

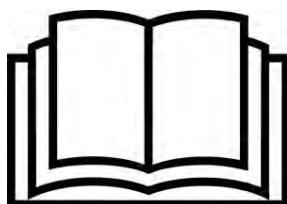
Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual, Operator's Handbook and signs (decals) on machine. Follow warnings and instructions in the manuals when making repairs, adjustments or servicing. Check for correct function after adjustments, repairs or service. Untrained operators and failure to follow instructions can cause injury or death.

W-2003-0807











Safety Alert Symbol: This symbol with a warning statement, means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows.

CORRECT



P-90216

-  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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MSW30-0409

**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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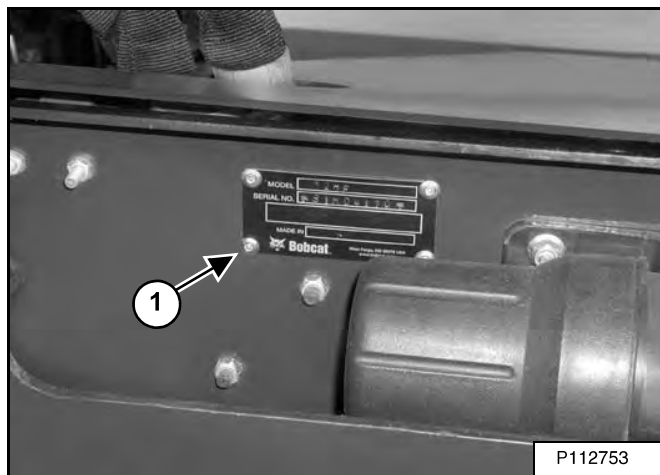


Bobcat®

SERIAL NUMBER LOCATIONS

Always use the serial number of the Rotary Cutter 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



The Rotary Cutter serial number plate (Item 1) **[Figure 1]** is located on the left side of the mounting frame.

DELIVERY REPORT

Figure 2

The diagram shows a form titled "DELIVERY REPORT". The form is divided into several sections. At the top, there is a section with multiple lines for text. Below this, there is a section labeled "WARNING" in a black box. The main body of the form consists of many horizontal lines for detailed notes. At the bottom right of the form, there is a small box containing the text "B-16315".

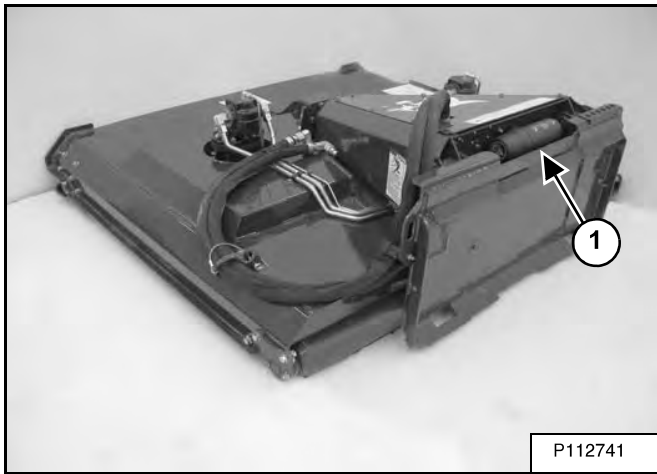
The delivery report [Figure 2] contains a list of items that must be explained or shown to the owner or operator by the dealer when the Bobcat rotary cutter is delivered.

The delivery report must be reviewed and signed by the owner or operator and the dealer.

MANUAL STORAGE LOCATION

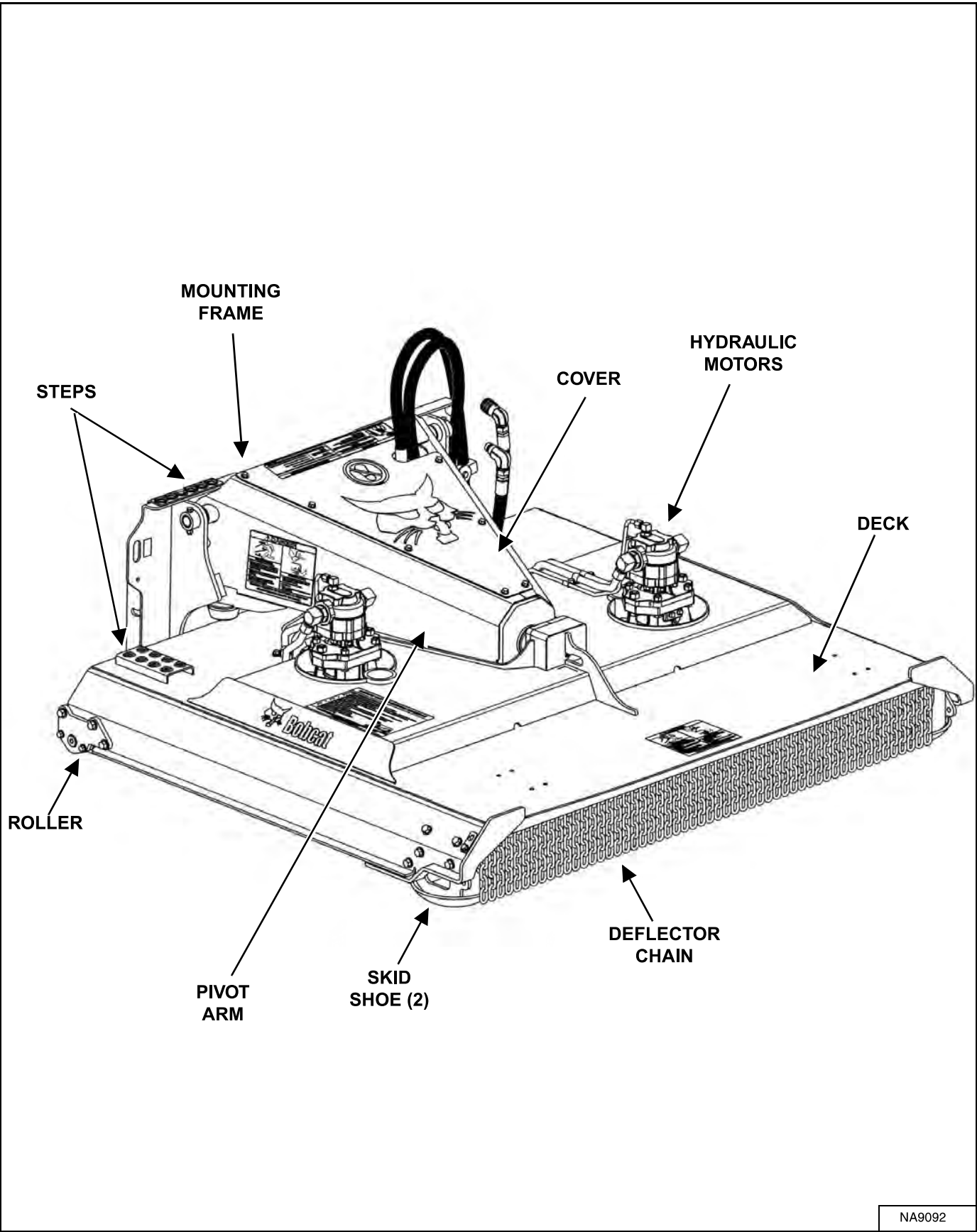
Read and understand the Operation and Maintenance Manual before operating the rotary cutter.

Figure 3



The Operation & Maintenance Manual and Safety Manual are stored in a container (Item 1) **[Figure 3]**.

ATTACHMENT IDENTIFICATION



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SAFETY & MAINTENANCE

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TROUBLESHOOTING

Chart

 WARNING	<p>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.</p> <p style="text-align: right;">W-2003-0807</p>
--	--

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 rotary cutter.

PROBLEM	CAUSE	CORRECTION
Poor Cutting.	Travel speed too fast.	Reduce travel speed.
	Debris on blade mounting plate.	Clean mounting plate.
	Damaged cutter motor(s).	Repair or replace motor(s).
	Low blade rpm.	Check auxiliary hydraulic flow or operating high flow rotary cutter in standard flow.
Blades will not rotate.	Lift arms too high.	Lower lift arms and reactivate the auxiliary hydraulics.
	Machine fluid level too low.	Add hydraulic fluid to the reservoir on the machine.
	Damaged quick coupler(s).	Replace quick coupler(s).
	Damaged hydraulic hoses.	Repair or replace hoses.
	Blade shut-off linkage broken or missing.	Repair or replace as needed. See dealer for service.
	Internal damage to valve.	See dealer for service.
	Machine main relief valve set too low.	Adjust main relief valve to correct setting.
Blade rotation stops	Hydraulic flow exceeded: for 66 in: 91 L/min (24 U.S. gpm) for 72 in: 98 L/min (26 U.S. gpm).	The hydraulic flow regulator valve activated and stopped hydraulic flow to the rotary cutter motor. Disengage auxiliary hydraulics to reset flow regulator valve. Engage auxiliary hydraulics to restart blade rotation. Reduce engine rpm slightly to reduce hydraulic flow if this situation reoccurs.
Blades will not stop when shut-off lever is engaged.	Linkage broken.	Replace linkage.
	Internal damage to valve.	See dealer for service.
Excessive vibration.	Blades not swinging freely.	Check blades for obstructions.
	Build-up of material on the blade mounting plate.	Clean mounting plate.
	Loose or cracked hardware.	Repair or replace as needed.
	Blades worn or bent.	Replace all blades.

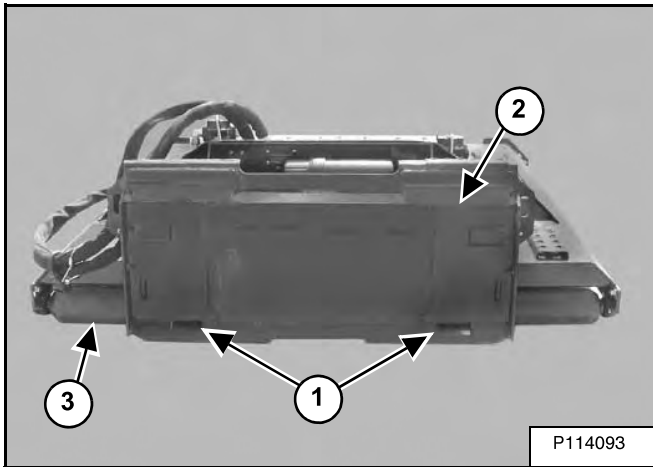
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DAILY INSPECTION

Attachment Mounting Frame

Figure 10-20-1



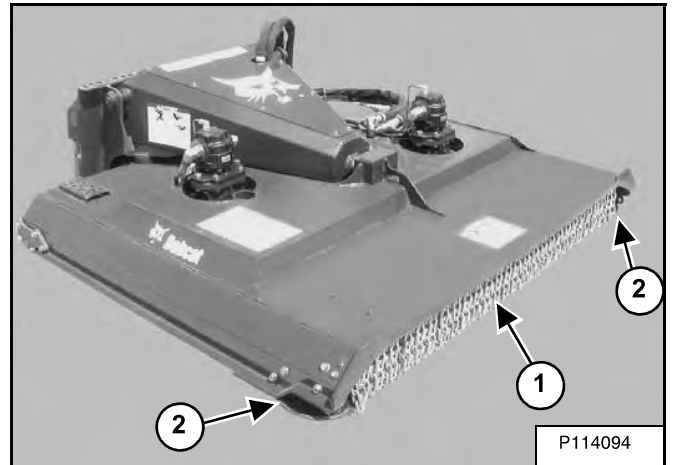
Inspect the Bob-Tach wedge mounts (Item 1), mounting flange (Item 2) [Figure 10-20-1], and all welds on the attachment mount for wear and damage each time the attachment is removed from the machine.

Inspect the roller (Item 3) [Figure 10-20-1].

Inspect all welds for cracks / damage. Check for loose or missing hardware.

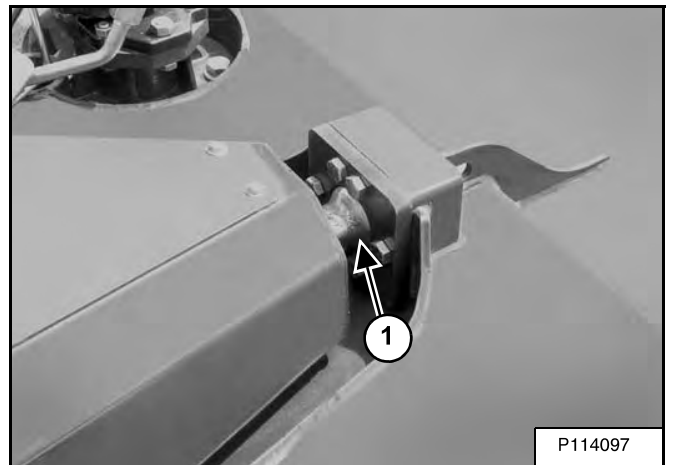
Rotary Cutter

Figure 10-20-2



Inspect the deflector chain (Item 1) and skid plates (Item 2) [Figure 10-20-2].

Figure 10-20-3



Inspect the pivot (Item 1) [Figure 10-20-3] area and mounting hardware. Replace any damaged parts.



WARNING

AVOID INJURY OR DEATH

Diesel fuel or hydraulic fluid under pressure can penetrate skin or eyes, causing serious injury or death. Fluid leaks under pressure may not be visible. Use a piece of cardboard or wood to find leaks. Do not use your bare hand. Wear safety goggles. If fluid enters skin or eyes, get immediate medical attention from a physician familiar with this injury.

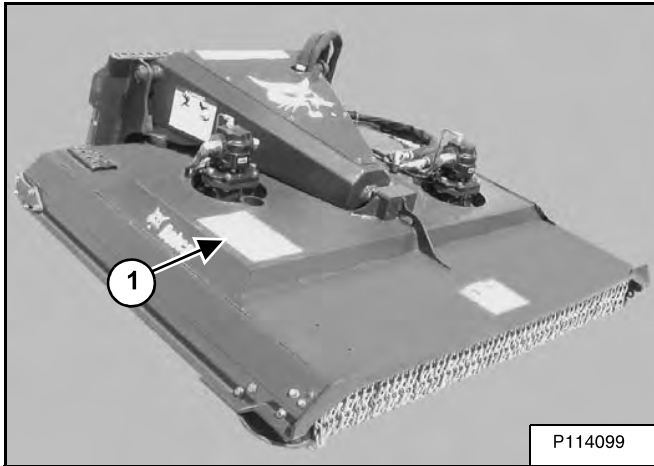
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DAILY INSPECTION (CONT'D)

Rotary Cutter (Cont'd)

Figure 10-20-4



Follow the rotary cutter service schedule (Item 1) **[Figure 10-20-4]** for routine maintenance of the rotary cutter.

Check the following items every **10 hours** of operation:

1. Check blade shut-off device for proper function.
2. Check blades and mounting plate for cracks or damage. Replace if necessary.
3. Check blade mounting hardware and blade mounting plate hardware. Check cotter pin is properly fastened.
4. Check chains, deck, shields and rear roller. Repair if damaged or replace if necessary.
5. Check for damaged or missing decals. Replace if necessary.
6. Check for damaged or leaking hydraulic hoses or fittings. Replace if necessary.
7. Clean debris, leaves, grass and flammable material from deck area and under covers.
8. Lubricate all five pivot points.
9. Check that the steps are in good condition.