



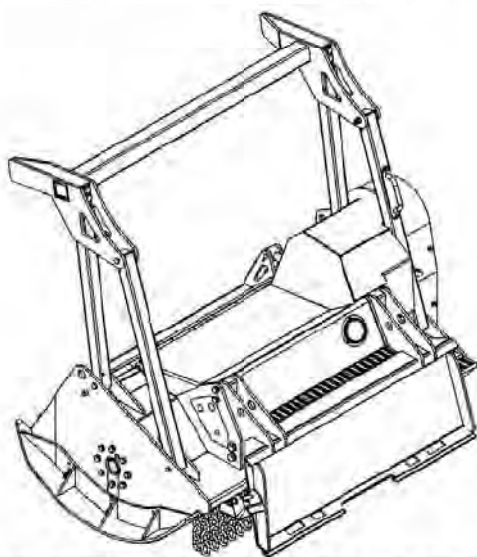
---

# Service Manual

## Forestry Cutter

---

(FRST CTTR FRC150) AD8900101 & Above



Loader must be equipped with the FORESTRY DOOR KIT  
P/N 7131885 (earlier models) or 7174127 (later models)  
and OTHER APPROVED FORESTRY KITS

Dealer Copy -- Not for Resale





# MAINTENANCE SAFETY



## WARNING

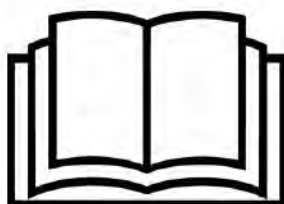
Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual, Operator's Handbook and signs (decals) on machine. Follow warnings and instructions in the manuals when making repairs, adjustments or servicing. Check for correct function after 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.**

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](mailto:admin@servicemanualperfect.com)**



**Bobcat®**

Dealer Copy -- Not for Resale

## CONTENTS

SAFETY AND MAINTENANCE .....	10-01
HYDRAULIC SYSTEM .....	20-01
MAINFRAME .....	30-01
ELECTRICAL SYSTEM .....	40-01
SPECIFICATIONS .....	SPEC-01
ALPHABETICAL INDEX .....	INDEX-01



**Bobcat®**

Dealer Copy -- Not for Resale



## FOREWORD

SERIAL NUMBER LOCATION .....	1-7
MANUAL STORAGE .....	1-7
FORESTRY DOOR SERIAL NUMBER .....	1-8
DELIVERY REPORT .....	1-8
ATTACHMENT IDENTIFICATION .....	1-9
Forestry Cutter (FRC150 S/N AD8900199 & Below) .....	1-9
Forestry Cutter (FRC150 S/N AD8900200 & Above) .....	1-10
Forestry Kit Equipment (Earlier Models) .....	1-11
Forestry Kit Equipment (Later Models) .....	1-12



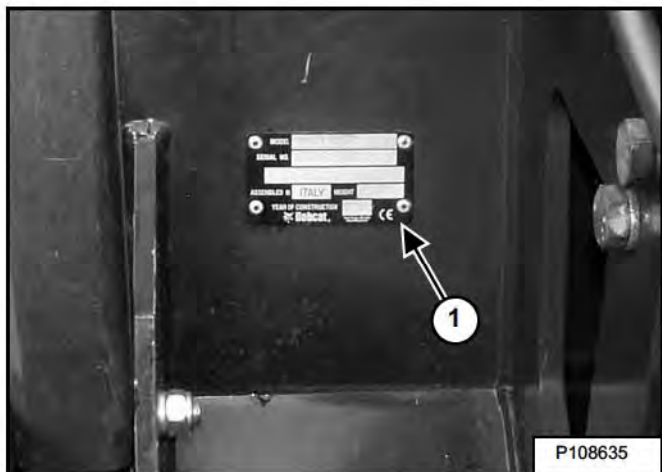


**Bobcat®**

Dealer Copy -- Not for Resale

## SERIAL NUMBER LOCATION

Figure 1



Always use the serial number (Item 1) [Figure 1] of the forestry cutter when requesting service information or when ordering parts (Serial number is located under the left cover). 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.

## MANUAL STORAGE

Figure 2

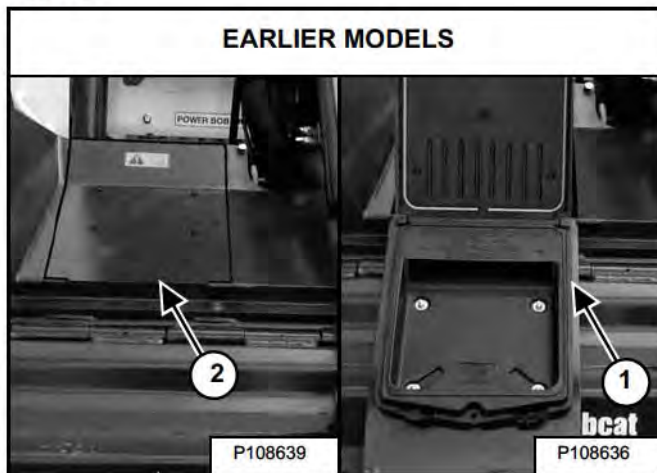
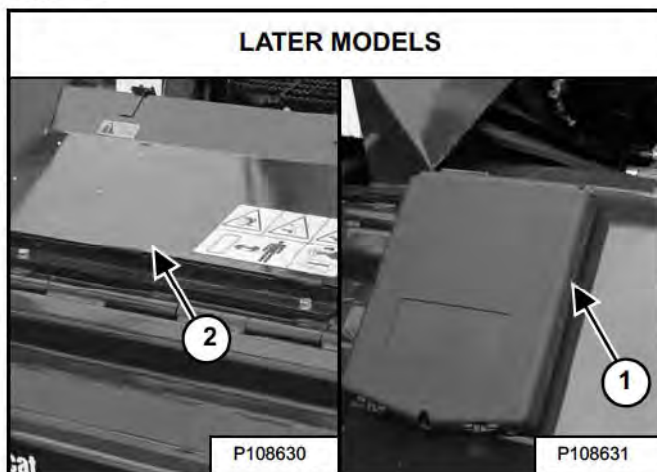


Figure 3

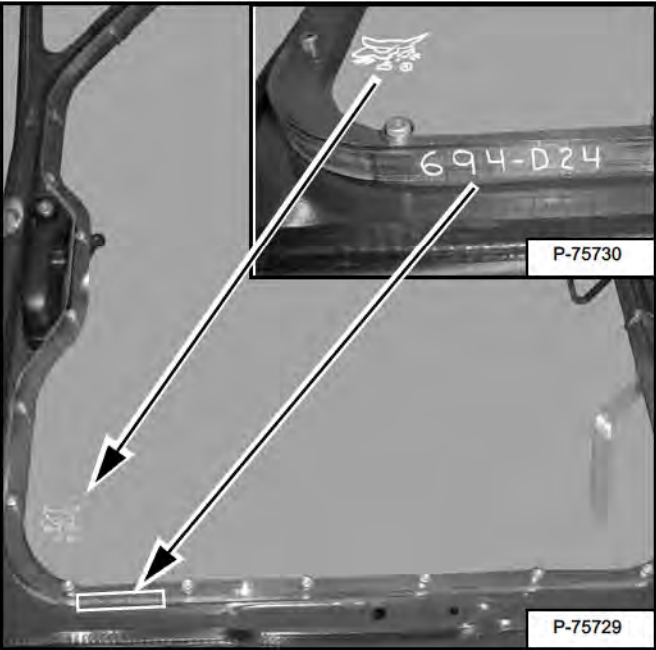


The manual storage container (Item 1) is mounted under the left cover (Item 2) [Figure 2] or [Figure 3] of the forestry cutter.

Dealer Copy -- Not for Resale

FORESTRY DOOR SERIAL NUMBER

Figure 4



The forestry door serial number is located under the lower right-hand corner of the window (as viewed from the operator's seat) below the Bobcat logo [Figure 4].

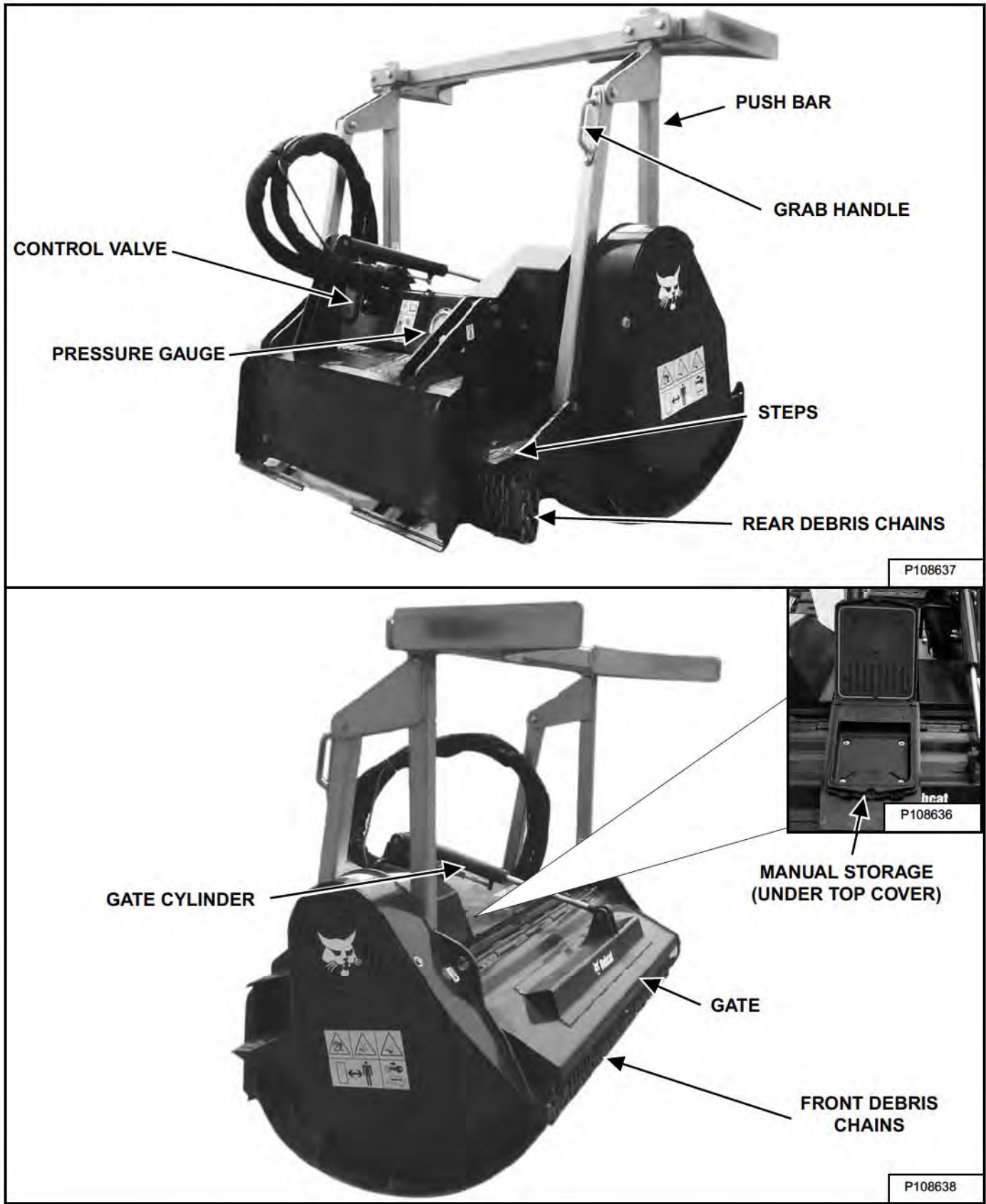
DELIVERY REPORT

Figure 5

The delivery report [Figure 5] must be completed by the dealer and signed by the owner or operator when the Bobcat forestry cutter is delivered. An explanation of the form must be given to the owner.

ATTACHMENT IDENTIFICATION

Forestry Cutter (FRC150 S/N AD8900199 & Below)

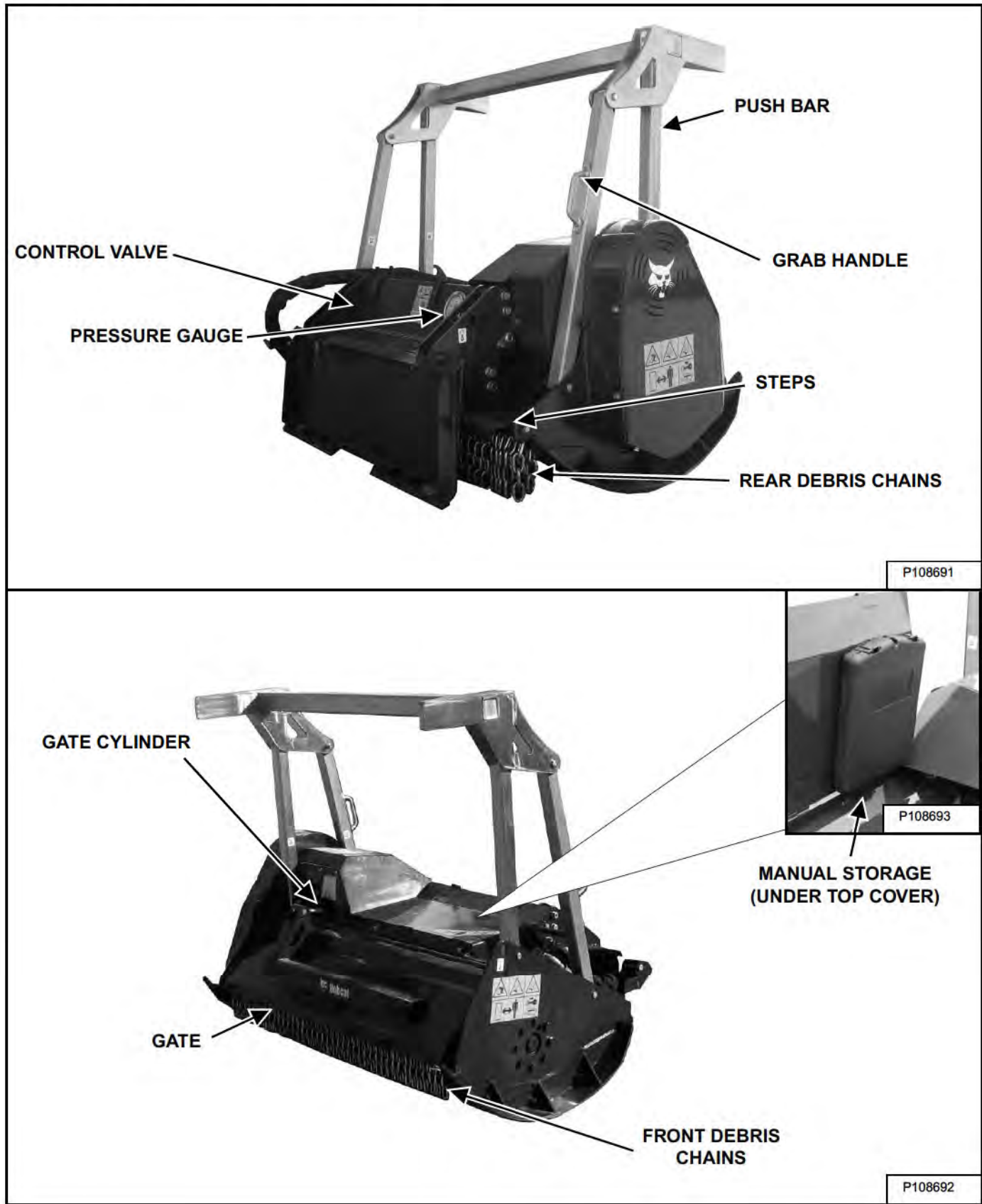


Dealer Copy -- Not for Resale



ATTACHMENT IDENTIFICATION (CONT'D)

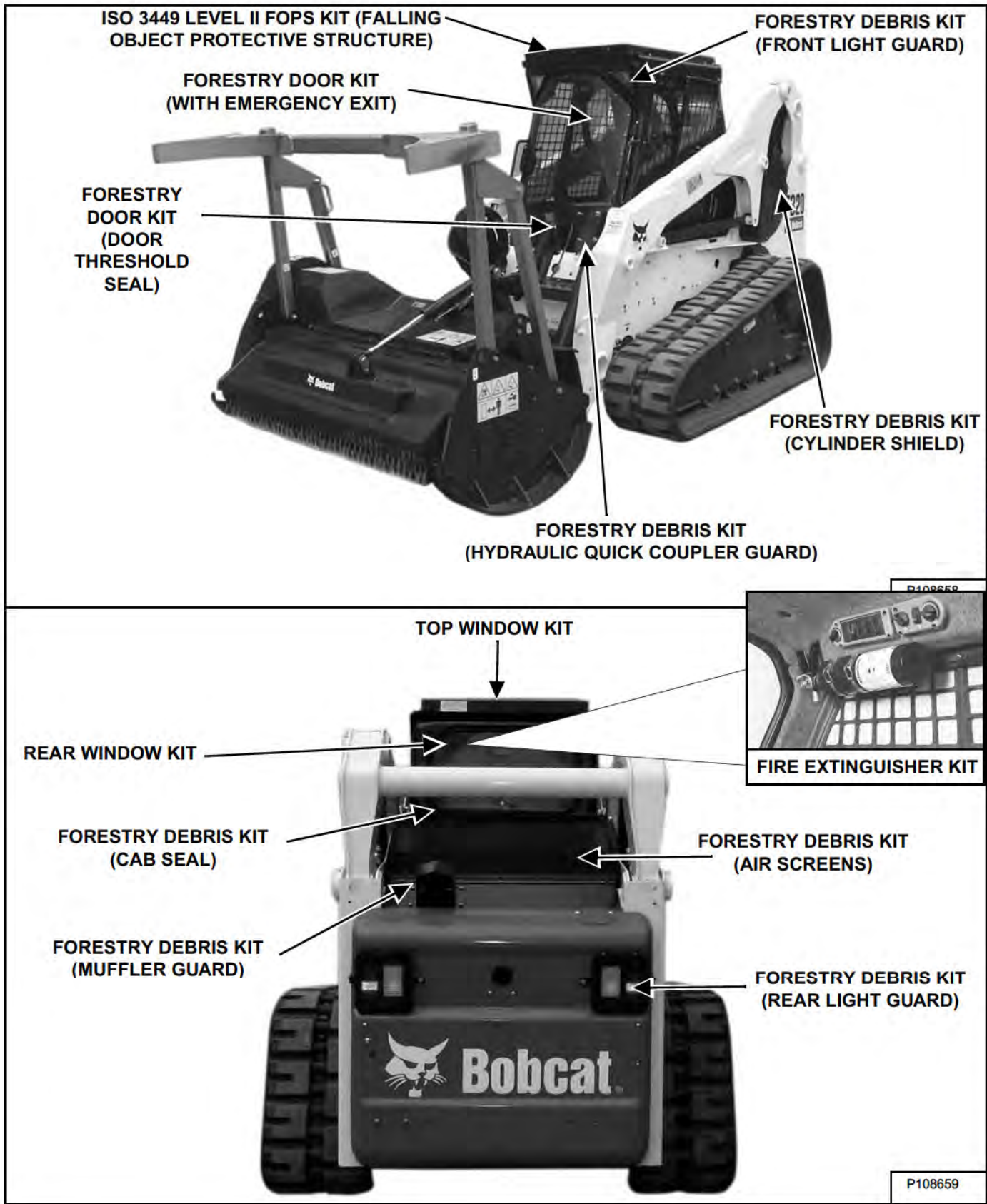
Forestry Cutter (FRC150 S/N AD8900200 & Above)



Dealer Copy -- Not for Resale

ATTACHMENT IDENTIFICATION (CONT'D)

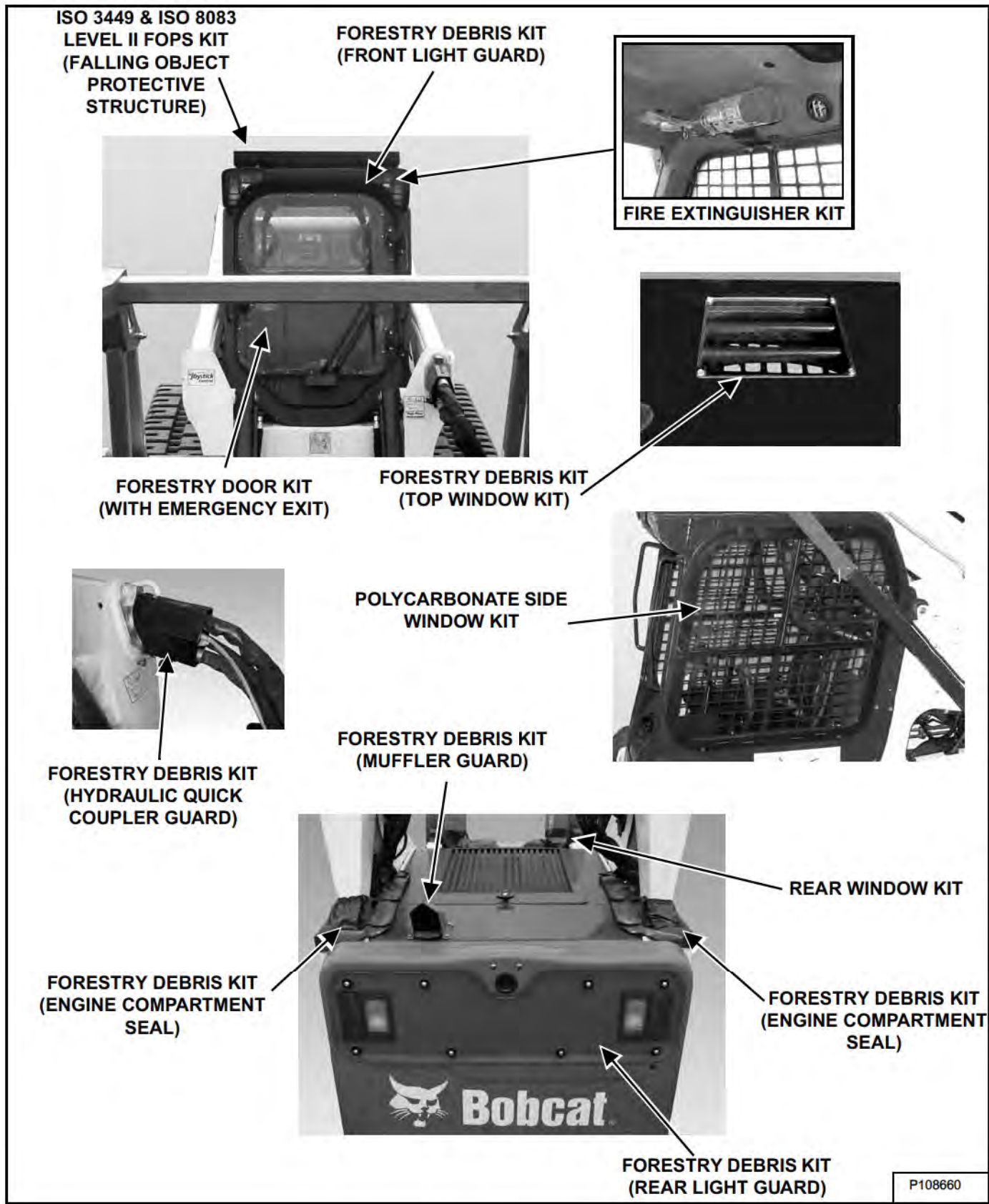
Forestry Kit Equipment (Earlier Models)



Dealer Copy -- Not for Resale

ATTACHMENT IDENTIFICATION (CONT'D)

Forestry Kit Equipment (Later Models)



Dealer Copy -- Not for Resale



## SAFETY AND MAINTENANCE

TROUBLESHOOTING .....	10-10-1
Chart .....	10-10-1
SERVICE SCHEDULE .....	10-20-1
Chart .....	10-20-1
DAILY INSPECTION .....	10-30-1
Forestry Cutter Maintenance Training DVD .....	10-30-1
Loader And Forestry Cutter .....	10-30-1
Guards, Shields, Seals And Decals .....	10-30-1
Hydraulic Hoses And Fittings .....	10-30-1
Forestry Door .....	10-30-2
Forestry Door Interlock .....	10-30-3
Forestry Cutter Mounting Frame .....	10-30-3
Level II Falling-Object Protective Structure (FOPS) .....	10-30-4
Debris Chains .....	10-30-4
Drum .....	10-30-5
Drive Belt .....	10-30-6
Fire Extinguisher .....	10-30-6
Bob-Tach .....	10-30-7
Cleaning The Loader And Forestry Cutter .....	10-30-9
LUBRICATING THE FORESTRY CUTTER .....	10-40-1
Lubrication Locations .....	10-40-1
CARBIDE TEETH .....	10-50-1
Removal And Installation .....	10-50-1
CLEANING THE LOADER .....	10-60-1
Loader Cleaning (Earlier Models) .....	10-60-1
Loader Cleaning (Later Models) .....	10-60-3
Engine Compartment Cleaning .....	10-60-8
CLEANING THE FORESTRY CUTTER .....	10-70-1
Forestry Cutter Cleaning .....	10-70-1
ATTACHMENT STORAGE AND RETURN TO SERVICE .....	10-80-1
Storage .....	10-80-1
Return To Service .....	10-80-1

Dealer Copy -- Not for Resale



**Bobcat®**

Dealer Copy -- Not for Resale

## TROUBLESHOOTING

### Chart



## 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

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 attachment.

PROBLEM	CAUSE	CORRECTION
Drum will not turn.	Forestry door open.	Close forestry door.
	Wire harness disconnected.	Install wire harness.
	Quick couplers disconnected.	Install quick couplers.
	Auxiliary hydraulics not engaged.	Engage auxiliary hydraulics.
	Unapproved door installed.	Install approved door.
	Rotor is jammed or plugged.	Unplug rotor.
	Belt may be loose or damaged.	Tighten or replace belt.
	Pulley may be loose or damaged.	Tighten or replace pulley.
Auxiliary hydraulics will not start.	Forestry door open.	Close forestry door.
	Unapproved door installed.	Install approved door.
Forestry cutter performs poorly.	Material engagement speed too fast.	Engage material at a slower speed.
	Gate not closed while making final passes.	Close gate during final passes.
	Final passes not performed in reverse travel direction.	Perform final passes in reverse travel direction.

Dealer Copy -- Not for Resale



**Bobcat®**

Dealer Copy -- Not for Resale