



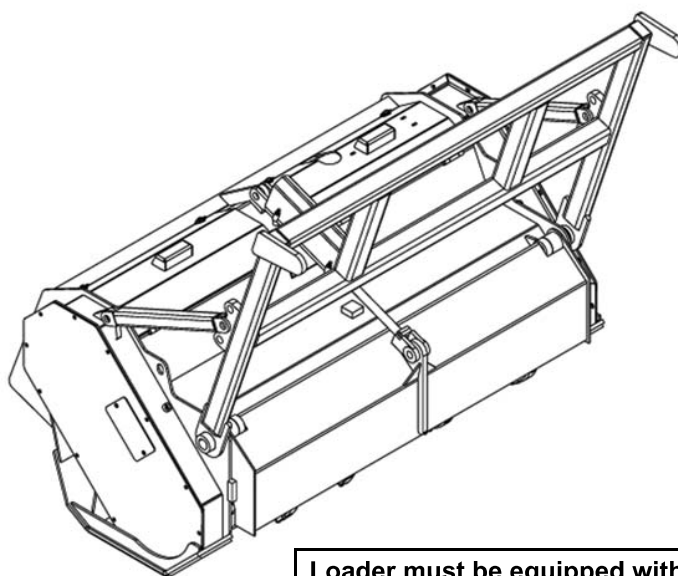
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# Service Manual

## Forestry Cutter

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**(FRST CTRR FRC50) - S/N ADTN00101 & Above**  
**(Forestry Cutter) - S/N A6ZB00101 & Above**



Loader must be equipped with the  
FORESTRY DOOR KIT P/N 7131885  
and OTHER APPROVED FORESTRY KITS





# MAINTENANCE SAFETY



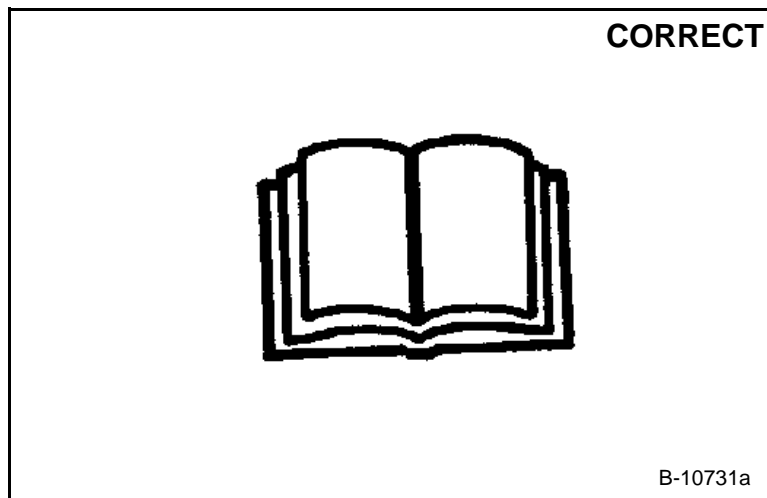
## WARNING









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-2003-0903



**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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## REFERENCE INFORMATION

Write the correct information for YOUR forestry cutter attachment in the spaces below. Always use these numbers when referring to your forestry cutter.

Forestry Cutter Serial Number \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NOTES:  
\_\_\_\_\_  
\_\_\_\_\_

YOUR BOBCAT® DEALER:  
  
ADDRESS:  
\_\_\_\_\_  
PHONE:  
\_\_\_\_\_

Bobcat Company  
P.O. Box 128  
Gwinner, ND 58040-0128

Bobcat Company Europe  
Dréve Richelle 167  
B-1410 WATERLOO  
Belgium



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## SERIAL NUMBER LOCATION

Figure 1

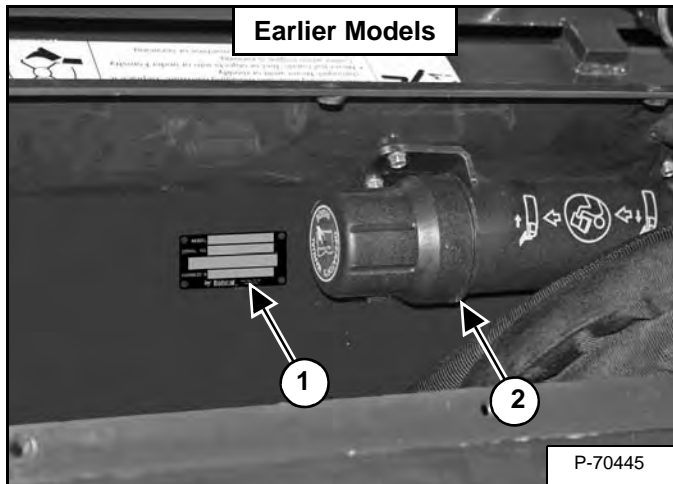


Figure 2



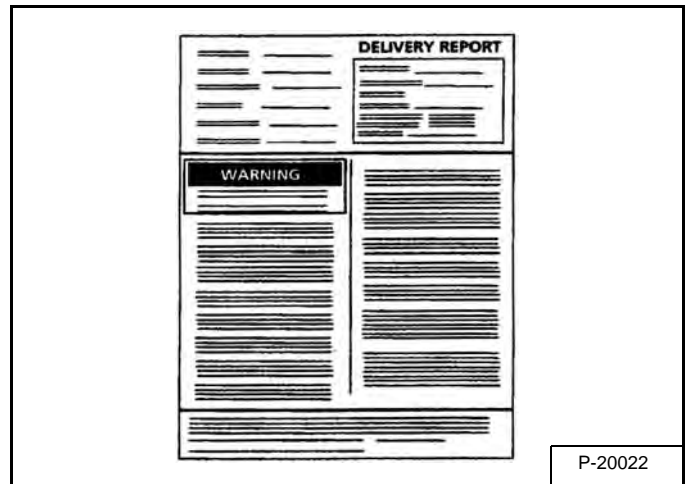
Always use the serial number (Item 1) [Figure 1] & [Figure 2] of the forestry cutter when requesting service information or when ordering parts (Serial number is located under the left cover). Early or later models (identification made by serial number) may use different parts, or it may be necessary to use a different procedure in doing a specific service operation.

## MANUAL STORAGE

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

## DELIVERY REPORT

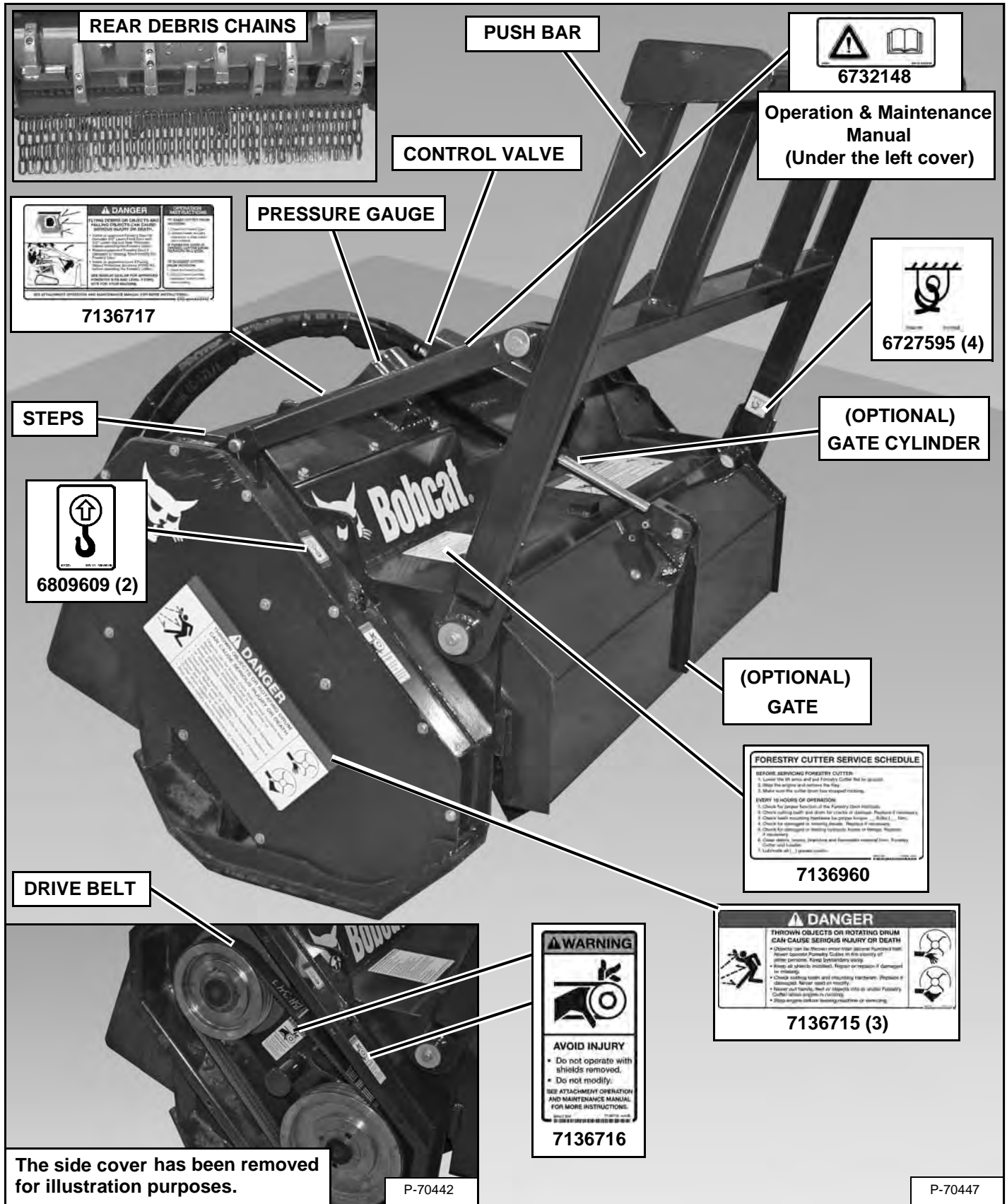
Figure 3



The delivery report must be filled out by the dealer and signed by the owner or operator when the forestry cutter is delivered. An explanation of the form must be given to the owner. Make sure it is filled out completely [Figure 3].

# IDENTIFICATION AND MACHINE SIGNS (DECALS)

## Forestry Cutter



**REAR DEBRIS CHAINS**

**PUSH BAR**

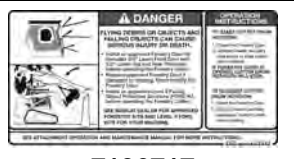


**6732148**

**Operation & Maintenance Manual  
(Under the left cover)**

**CONTROL VALVE**

**PRESSURE GAUGE**



**7136717**



**6727595 (4)**

**STEPS**

**(OPTIONAL)  
GATE CYLINDER**



**6809609 (2)**

**(OPTIONAL)  
GATE**



**7136960**

**DRIVE BELT**



**7136716**



**7136715 (3)**

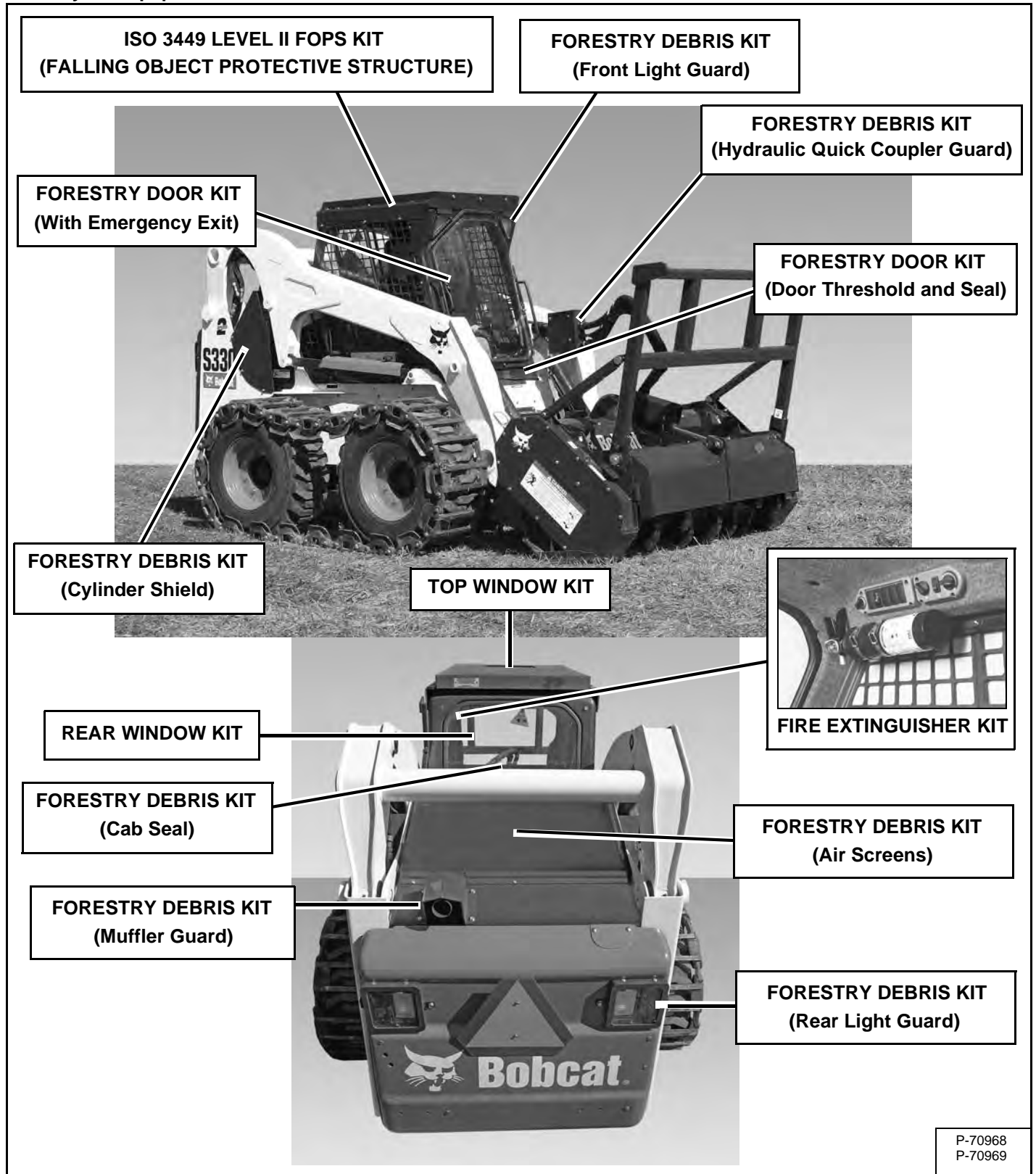
**The side cover has been removed for illustration purposes.**

P-70442

P-70447

IDENTIFICATION AND MACHINE SIGNS (DECALS) (CONT'D)

Forestry Kit Equipment Identification



P-70968  
P-70969



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**PREVENTIVE  
MAINTENANCE**



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## TROUBLESHOOTING

### Chart

<b>PROBLEM</b>	<b>CAUSE</b>	<b>CORRECTION</b>
Rotor 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.
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.



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patience.**

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