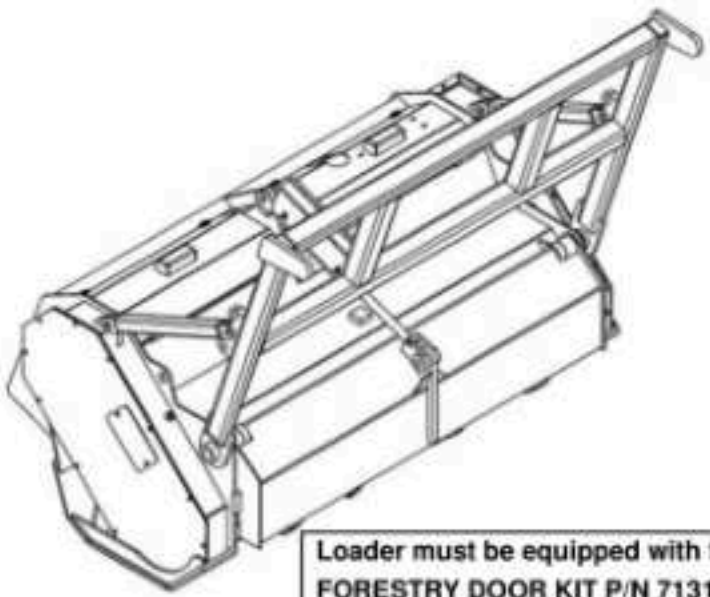
Bobcat®

Operation & Maintenance Manual
Forestry Cutter

(FRST CTTR FRC50) S/N ADTN00101 & Above
(FRST CTTR FRC50) S/N ANR600101 & Above
(Forestry Cutter) S/N A6ZB00101 & Above
(FRST CTTR FRC60) S/N ANR500101 & Above



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

Forestry Cutter Maintenance Training DVD Included

6904961 (7-10) Revised (3-11) (8)

Printed in U.S.A.

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REFERENCE INFORMATION

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

Forestry Cutter Serial Number _____

_____

NOTES:

_____

_____

_____

YOUR BOBCAT DEALER:

_____

ADDRESS:

_____

PHONE:

_____

Bobcat Company
P.O. Box 128
Gwinner, ND 58040-0128
UNITED STATES OF AMERICA

Doosan Benelux SA
Drève Richelle 167
B-1410 Waterloo
BELGIUM

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FOREWORD

This Operation & Maintenance Manual was written to give the owner / operator instructions on the safe operation and maintenance of the Bobcat forestry cutter. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR BOBCAT FORESTRY CUTTER. If you have any questions, see your Bobcat dealer. This manual may illustrate options and accessories not installed on your forestry cutter.

BOBCAT COMPANY IS IS0 9001 CERTIFIED 7

SERIAL NUMBER LOCATION 9

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FORESTRY DOOR SERIAL NUMBER 9

DELIVERY REPORT 9

ATTACHMENT IDENTIFICATION 10
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Control Functions

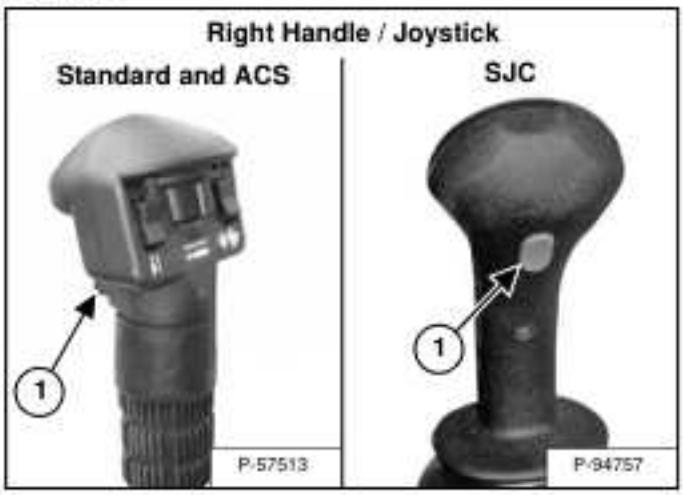
Electric Auxiliary Hydraulic Controls

Enter the loader. Fasten the seat belt, lower the seat bar and start the engine. Release the parking brake.

Activate the auxiliary hydraulics prior to forestry cutter operation.

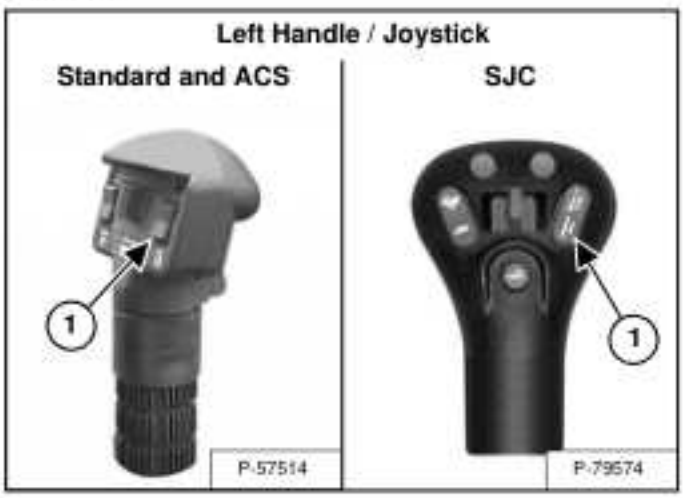
NOTE: When operating the forestry cutter on loaders with the 7-Pin harness, the high flow hydraulic function is automatically engaged.

Figure 77



Press switch (Item 1) **[Figure 77]** to engage the drum. Press the switch a second time to stop drum rotation.

Figure 78



Press the top of switch (Item 1) **[Figure 78]** to open the gate. Press the bottom of the switch to close the gate.

Before Operating

⚠ DANGER

THROWN OBJECTS OR ROTATING DRUM CAN CAUSE SERIOUS INJURY OR DEATH

- **Objects can be thrown more than several hundred feet. Never operate the Forestry Cutter in the vicinity of other persons. Keep bystanders away.**
- **Objects such as rope, wire, cable or other materials can wrap around drum and cause entanglement.**
- **Keep all guards and shields installed. Repair or replace if damaged or missing.**
- **Check cutting teeth and mounting hardware. Replace if damaged. Never weld or modify.**
- **Never put hands, feet or objects into or under Forestry Cutter when engine is running.**
- **Stop engine before leaving machine or servicing.**

D-1024-0610

Inspect The Work Site

IMPORTANT

Rocks, metal, wire, cable and other objects can damage the carbide tips.

Wire, cable and stringy vegetation can wrap around the drum shaft, squeeze past the grease seals and cause bearing damage.

I-2241-0107

- Avoid plastics, cloth or other waste materials. Items such as erosion control material, hoses, bags, tarps, ropes, mattresses, rugs or other cloth objects can be pulled into the rotating drum and plug the forestry cutter immediately.

Remove any of the above listed materials from the work site before operating the forestry cutter.

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LUBRICATING THE FORESTRY CUTTER

Lubrication Locations

⚠ WARNING

AVOID INJURY OR DEATH

Before servicing the Forestry Cutter:

- **Lower the lift arms and put Forestry Cutter flat on the ground.**
- **Stop the engine.**
- **Make sure the cutter drum has stopped rotating.**
- **Engage the parking brake.**
- **Move all pedals, handles, joysticks, and other controls until they are LOCKED or in the NEUTRAL position.**

SEE THE MACHINE OPERATION & MAINTENANCE MANUAL FOR MORE INFORMATION.

W-2644-0607

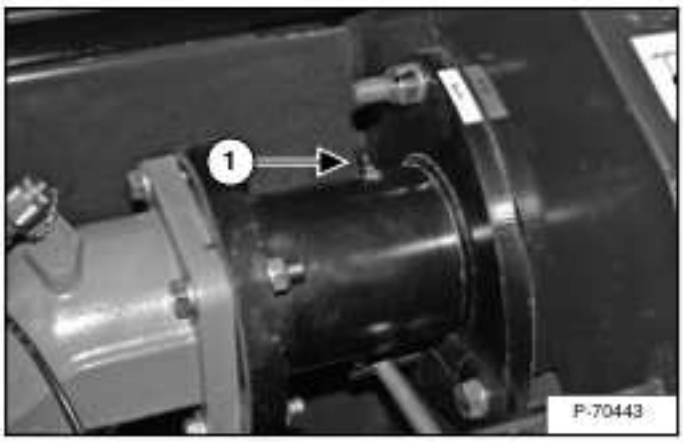
IMPORTANT

Fluid such as engine oil, hydraulic fluid, coolants, grease, etc. must be disposed of in an environmentally safe manner. Some regulations require that certain spills and leaks on the ground must be cleaned in a specific manner. See local, state and federal regulations for the correct disposal.

I-2067-0499

Always use a good quality lithium base grease when lubricating the forestry cutter.

Figure 99



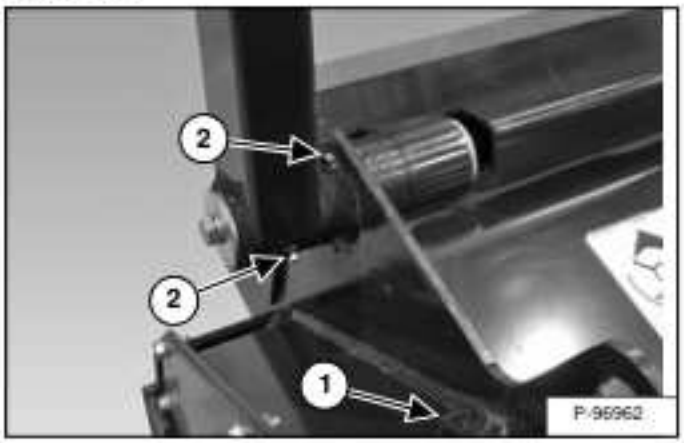
- Drive shaft bearing housing.

NOTE: This fitting is located under the right cover.

Grease fitting (Item 1) **[Figure 99]** every 40 hours. Add one pump of grease and recheck. Do not add more than two pumps.

NOTE: Excess lubrication can elevate the operating temperature of the bearing housing.

Figure 100



- Drum bearings.

NOTE: When greasing the drum bearings, use a high temperature grease.

Grease fitting (Item 1) **[Figure 100]** on both sides every 10 hours of operation. Add one pump of grease for every hour of operation.

NOTE: If grease is noticed inside the belt housing, decrease the frequency of lubrication.

- Push Bar.

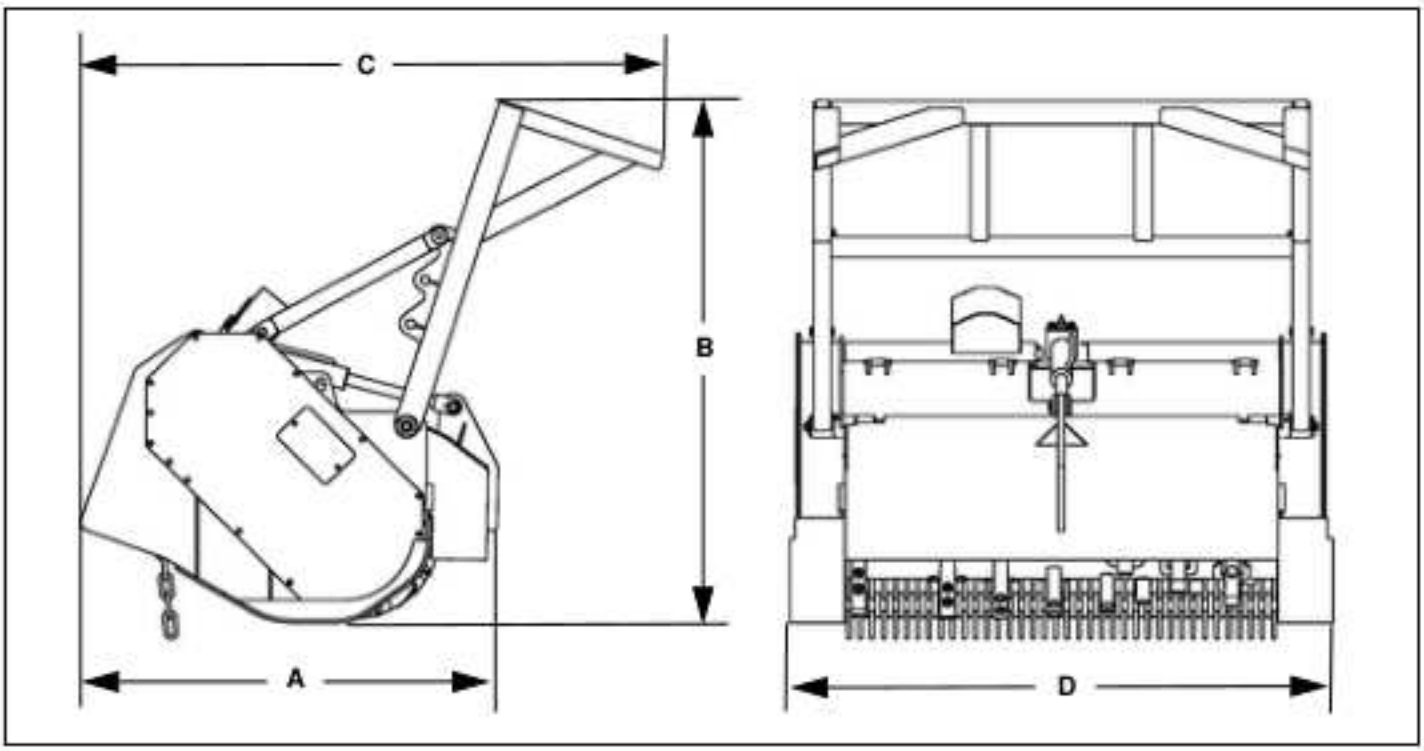
Grease fittings (Item 2) **[Figure 100]** on both sides of the push bar. Add grease until extra grease shows.

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(S/N ANR600101 & ABOVE, S/N ANR500101 & ABOVE) FORESTRY CUTTER ATTACHMENT SPECIFICATIONS

Dimensions

- All dimensions are shown in millimeters. Respective imperial dimensions are given in inches enclosed by parentheses.
- Where applicable, specifications conform to **SAE and ISO** standards and are subject to change without notice.



DESCRIPTION	FRST CTTR FRC50 (S/N ANR600101 & ABOVE)	FRST CTTR FRC60 (S/N ANR500101 & ABOVE)
Approx. Length (A)	1212 mm (47.72 in)	1212 mm (47.72 in)
Approx. Height (B)	1520,6 mm (59.87 in)	1520,6 mm (59.87 in)
Approx. Length W/Push Bar (C)	1698 mm (66.85 in)	1698 mm (66.85 in)
Approx. Width (D)	1578 mm (62.13 in)	1861 mm (73.25 in)

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SAFETY INSTRUCTIONS

Safe Operation Is The Operator's Responsibility

Safety Alert Symbol

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

WARNING

Operator must have instructions before operating the machine. Untrained operators can cause injury or death.

W-2001-0502

IMPORTANT

This notice identifies procedures which must be followed to avoid damage to the machine.

I-2019-0284

DANGER

The signal word DANGER on the machine and in the manuals indicates a hazardous situation which, if not avoided, will result in death or serious injury.

D-1002-1107

WARNING

The signal word WARNING on the machine and in the manuals indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

W-2044-1107

The Bobcat machine and attachment must be in good operating condition before use.

Check all of the items on the Bobcat Service Schedule Decal under the 8-10 hour column or as shown in the Operation & Maintenance Manual.

Safe Operation Needs A Qualified Operator

For an operator to be qualified, he or she must not use drugs or alcoholic drinks which impair alertness or coordination while working. An operator who is taking prescription drugs must get medical advice to determine if he or she can safely operate a machine and the attachment.

A Qualified Operator Must Do The Following:

Understand the Written Instructions, Rules and Regulations

- The written instructions from Bobcat Company include the Delivery Report, Operation & Maintenance Manual, Operator's Handbook, Safety Manual and machine signs (decals).
- Check the rules and regulations at your location. The rules may include an employer's work safety requirements. Regulations may apply to local driving requirements or use of a Slow Moving Vehicle (SMV) emblem. Regulations may identify a hazard such as a utility line.

Have Training with Actual Operation

- Operator training must consist of a demonstration and verbal instruction. This training is given by your Bobcat dealer before the product is delivered.
- The new operator must start in an area without bystanders and use all the controls until he or she can operate the machine and attachment safely under all conditions of the work area. Always fasten seat belt before operating.

Know the Work Conditions

- Know the weight of the materials being handled. Avoid exceeding the machine load capacities. Material which is very dense will be heavier than the same volume of less dense material. Reduce the size of load if handling dense material.
- The operator must know any prohibited uses or work areas, for example, he or she needs to know about excessive slopes.
- Know the location of any underground lines. Call local utilities or the TOLL FREE phone number found in the *Call Before You Dig* Section of this manual.
- Wear tight fitting clothing. Always wear safety glasses when doing maintenance or service. Safety glasses, respiratory equipment, hearing protection, Special Applications Kits or a Front Window Guard are required for some work. See your Bobcat dealer about Bobcat Safety equipment for your machine.

SI ATT-0509

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