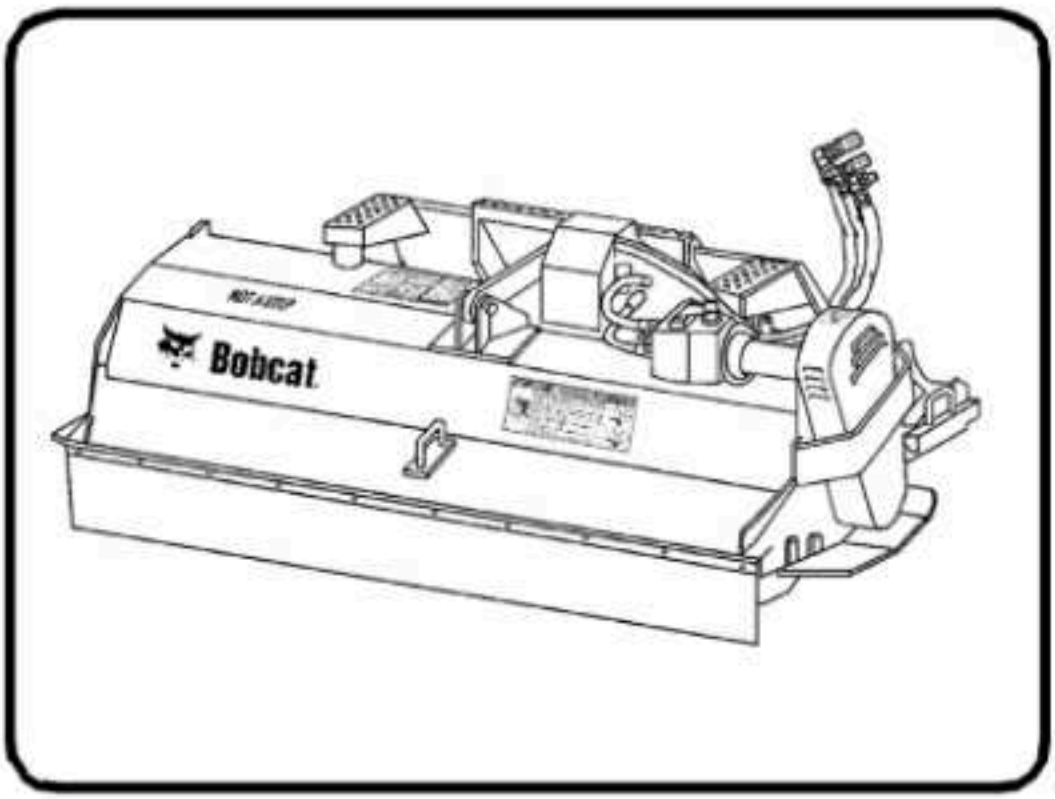
Bobcat®

Operation & Maintenance Manual
Flail Cutter

(FC155 Europe Only) S/N A01P00101 & Above
(FC175 Europe Only) S/N 467500101 & Above
(FC200) S/N 467300101 & Above



6903299 (11-06) Revised (11-08) (6)

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REFERENCE INFORMATION

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

Flail 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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FOREWORD

This Operation & Maintenance Manual was written to give the owner/operator instructions on the safe operation and maintenance of the flail cutter. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR flail cutter. If you have any questions, see your Bobcat dealer.

BOBCAT COMPANY IS ISO 9001:2000 CERTIFIED V

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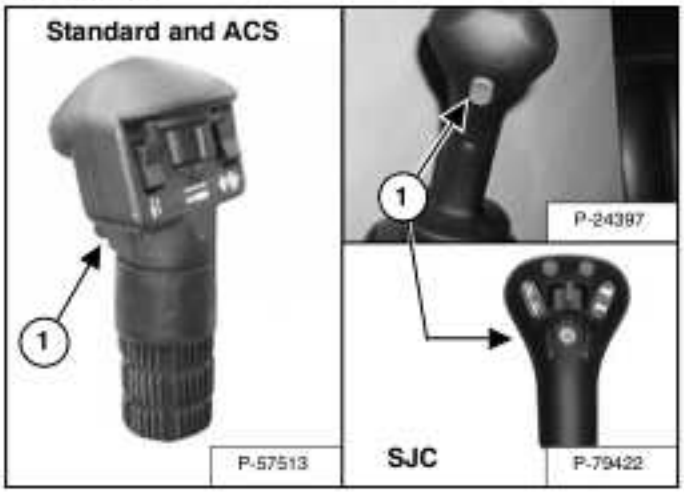
SERIAL NUMBER LOCATION VI
Attachment Serial Number. VI

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Control Functions

To Start Rotor Rotation

Figure OI-57



Press the switch (Item 1) **[Figure OI-57]** on the right steer lever or joystick to engage rotor. Press the switch a second time to stop rotor.

NOTE: If the flail cutter is raised, rotor rotation will stop.

Restarting Rotor Rotation

Deactivate auxiliary hydraulics, lower flail cutter flat on the ground and activate the auxiliary hydraulics to start rotation.

Operation With The Loader

The ground conditions and type of brush being cut will determine the best cutting procedure and ground speed. The flail cutter is designed to cut short or tall grass and brush up to 3 in. (76,2 mm) in diameter.

NOTE: Avoid operating flail cutter in an area where large rocks are present. Hitting large rocks will cause damage to the rotor and cause the rotor to be out of balance.

Clear cutting area of debris which might be picked up and thrown.

⚠ WARNING

- **Never operate without rotor shut-off device.**
- **Never modify the rotor shut-off device and check that it is operating properly.**

W-2628-0405

⚠ WARNING

AVOID INJURY

- **Do not operate with shield removed.**
- **Do not modify.**

W-2609-0904

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LUBRICATING THE ATTACHMENT

Lubrication Locations

Lubricate the following locations after every 8 hours of operation.

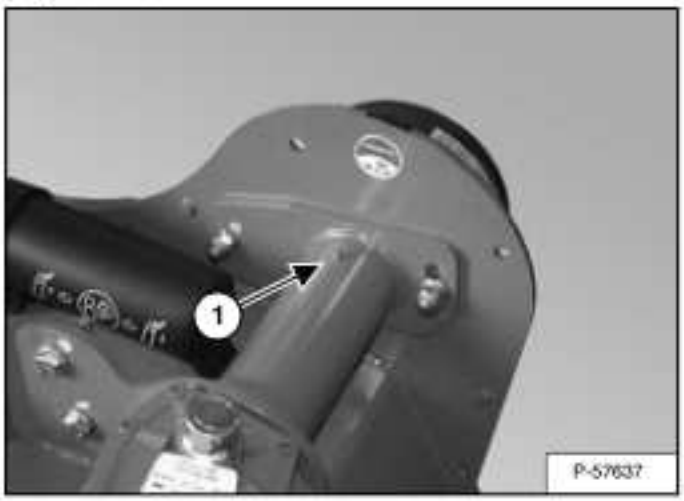
NOTE Always use a good quality lithium based grease when lubricating the attachment.

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.

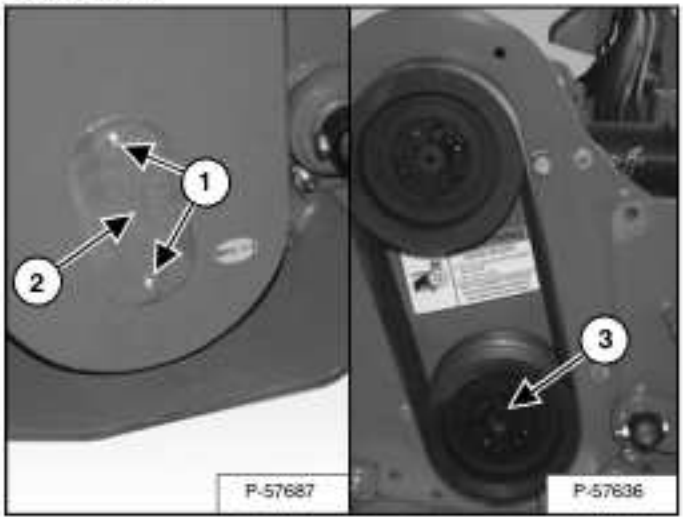
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Figure PM-6



Lubricate fitting (Item 1) **[Figure PM-6]**.

Figure PM-7

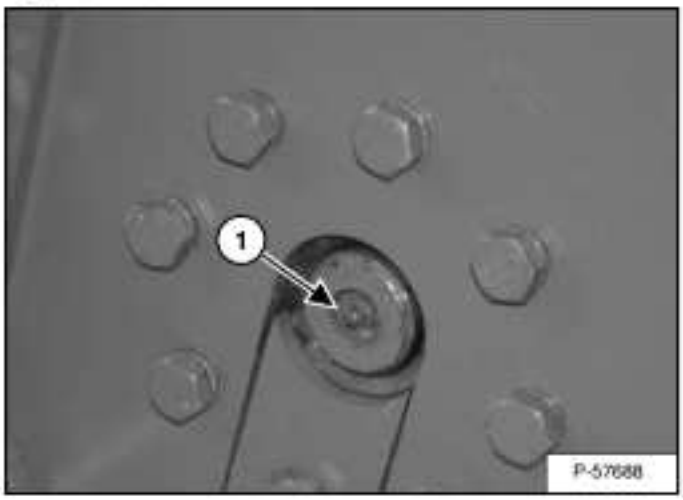


Remove bolts (Item 1), then remove cover plate (Item 2) **[Figure PM-7]**.

NOTE: The drive pulley shield has been removed (right frame) [Figure PM-7] for picture clarity.

Lubricate fitting (Item 3) **[Figure PM-7]** on the left side of the flail cutter.

Figure PM-8



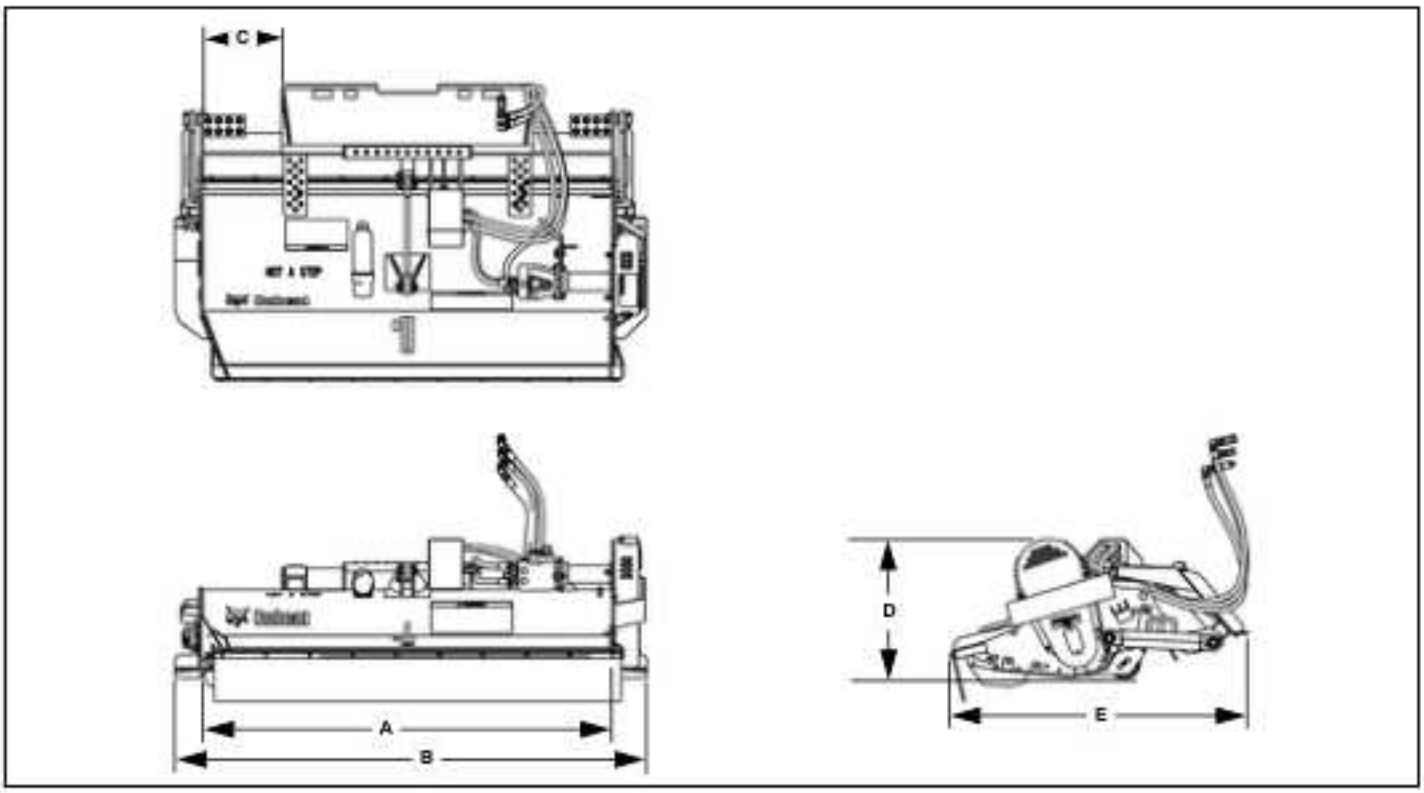
Lubricate fitting (Item 1) **[Figure PM-8]** on the left side of the drum.

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(FC155, FC175, FC200) FLAIL CUTTER SPECIFICATIONS (CONT'D)

Dimensions

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



DESCRIPTION	FC155 (Europe Only)	FC175 (Europe Only)	FC200
Weight	1279 lb. (580 kg)	1530 lb. (696 kg)	1640 lb. (746 kg)
Cutting Width (A)	61 in. (1.5 m)	69 in. (1.75 m)	78 in. (2 m)
Total Width (B)	73 in. (1856 mm)	81 in. (2057 mm)	91 in. (2306 mm)
Total Offset (C)	10.9 in. (277 mm)	10.4 in. (264 mm)	15.3 in. (388 mm)
Total Height (D)	26.8 in. (683 mm)	29.7 in. (754 mm)	29.7 in. (754 mm)
Total Length (E)	57.4 in. (1457.4 mm)	56.9 in. (1445 mm)	56.9 in. (1445 mm)
Maximum Rotor RPM	2200 RPM	2200 RPM	2200 RPM
Maximum Hydraulic Flow	40 GPM (151 L/min.)	40 GPM (151 L/min.)	40 GPM (151 L/min.)
Minimum Hydraulic Flow	17 GPM (64 L/min.)	17 GPM (64 L/min.)	17 GPM (64 L/min.)
Maximum Hydraulic Motor Displacement	3.5 in. ^ 3 (58 cm ^ 3)	3.5 in. ^ 3 (58 cm ^ 3)	3.5 in. ^ 3 (58 cm ^ 3)
Minimum Hydraulic Motor Displacement	1.8 in. ^ 3 (29 cm ^ 3)	1.8 in. ^ 3 (29 cm ^ 3)	1.8 in. ^ 3 (29 cm ^ 3)
Shutoff Float Height	10 in. (254 mm)	10 in. (254 mm)	10 in. (254 mm)
Cutter Capacity	Brush material up to 2 in. (51 mm) in diameter	Brush material up to 3 in. (76 mm) in diameter	Brush material up to 3 in. (76 mm) in diameter

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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 running the machine. Untrained operators can cause injury or death.

W-2001-1285

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-0208

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