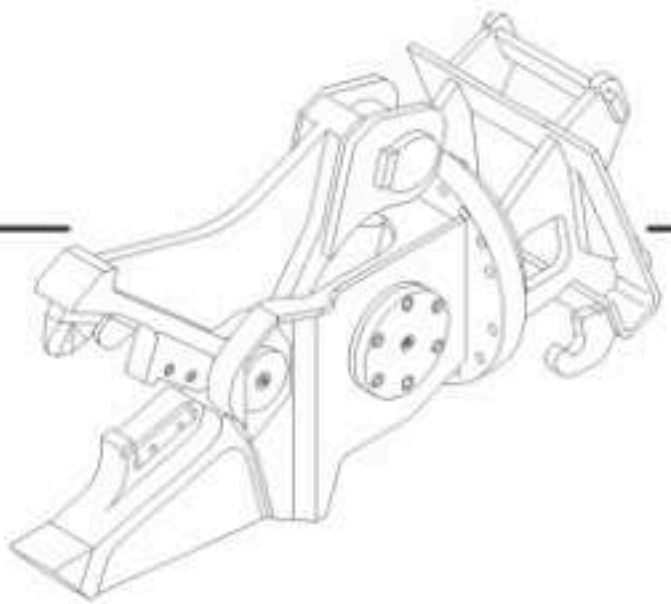
Cutter Crusher

Model 30
Model 40

Bobcat®

Operation & Maintenance Manual

Model 30 – S/N 991100101 & Above
Model 40 – S/N 991300101 & Above



Bobcat

6901072(10–00)

Printed in U.S.A.

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REFERENCE INFORMATION

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

Cutter Crusher Serial Number .... _____

_____

_____

_____

NOTES: _____

_____

_____

_____

_____

_____

_____

_____

YOUR BOBCAT DEALER:

_____

ADDRESS:

_____

PHONE:

_____

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

Bobcat Company Europe
J. Huysmanslaan 59
B–1651 LOT
Belgium

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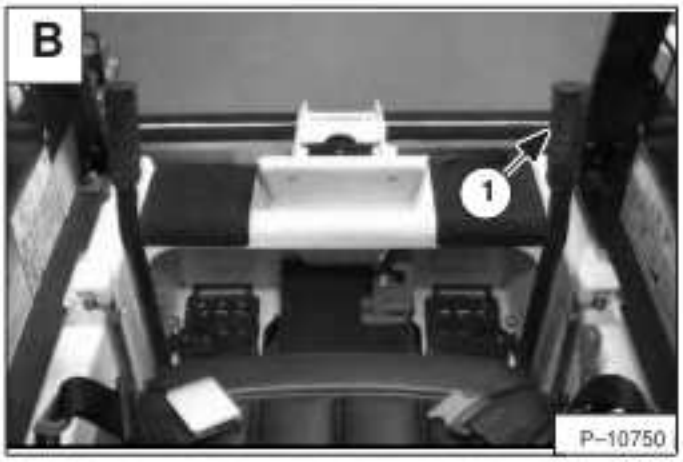
OPERATING THE CUTTER CRUSHER ON LOADERS (Cont'd)

Operation

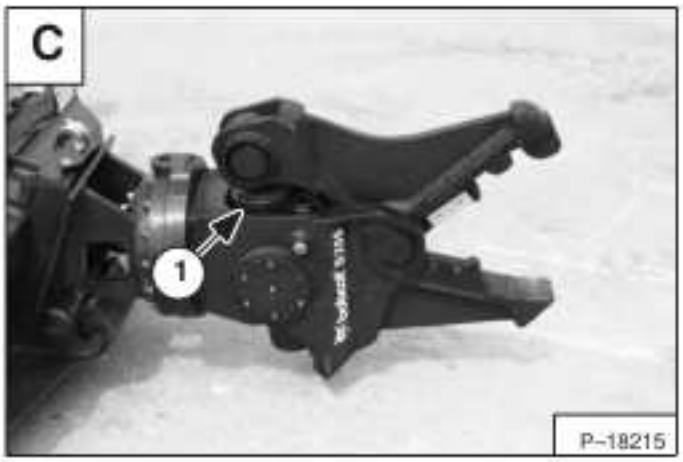
Engage the auxiliary hydraulics. (See page 14.)

Press the switch (Item 1) **[A]** or the steer lever (Item 1) **[B]** to the right to retract the crusher cylinder (Item 1) **[C]** and open the crusher jaws.





Press the switch (Item 1) **[A]** or the steer lever (Item 1) **[B]** to the left to extend the crusher cylinder (Item 1) **[D]** and close the crusher jaws.



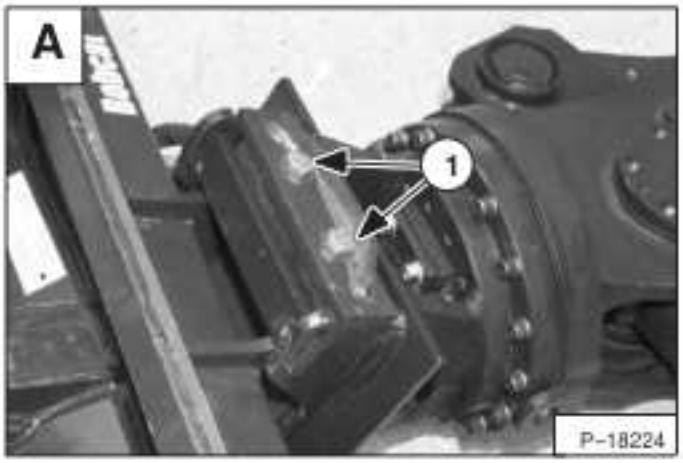


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INSPECTION (Cont'd)

Daily Inspection (Cont'd)

Tighten the bolt on X–change™ plate bolts (Item 1) **[A]** to 125–140 ft.–lbs. (170–190 Nm) torque.



LUBRICATION

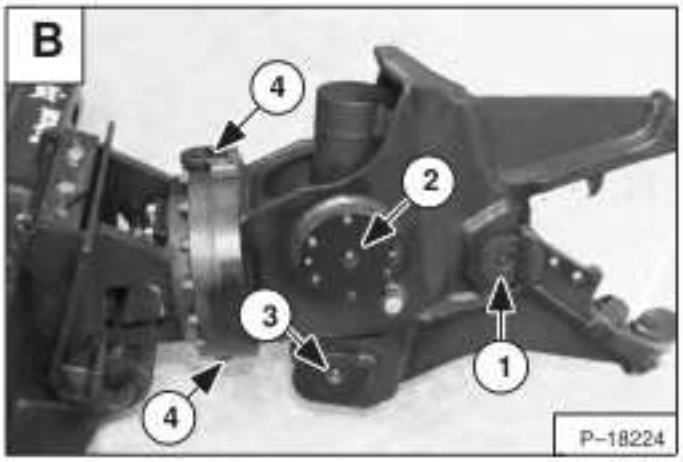
Lubrication Points

Always use a good quality lithium base grease when lubricating the cutter crusher. Apply the lubricant until extra grease shows.

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

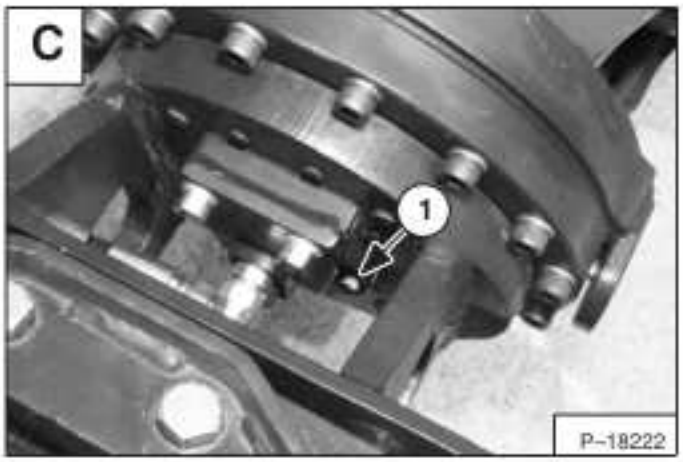


Lubricate the following grease fittings every **8–10 hours.**

Main shaft (Item 1) **[B]**.

Trunnion (Item 2) **[B]** (both sides).

Cylinder rod end (Item 3) **[B]**.



Swing bearing plate (Item 1) **[C]** (Model 30 only).

Rotate the slew gear while lubricating.

Lubricate the following grease fitting every **150 hours**:

Slew bearing (Item 4) **[B]** (both sides). Lubricate one fitting, rotate the cutter crusher and lubricate the second fitting.

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SAFETY INSTRUCTIONS
SAFETY 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.

The Bobcat product and attachment are designed to give maximum safety; but no machine design can prevent operator error or carelessness.

The Bobcat product 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.

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

SAFE OPERATION NEEDS A QUALIFIED OPERATOR *

WARNING

Warnings on the machine and in the manuals are for your safety. Failure to obey warnings can cause injury or death.

W-2044-1285

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 can operate the machine and attachment safely under all conditions of the work area. Always fasten seat belt before operating.
  - Operator Training Courses are available from your Bobcat dealer in English and Spanish. They provide information for safe and efficient equipment operation. Safety videos are also available.
  - Service Safety Training Courses are available from your Bobcat dealer. They provide information for safe and correct service procedures.
- **KNOW THE WORK CONDITIONS**
  - Know the weight of the materials being handled. Avoid exceeding the Rated Operating Capacity of the machine. 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 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 *SAFETY INSTRUCTIONS* Section of this manual.
  - Wear tight fitting clothing. Always wear safety glasses when doing maintenance or service. Safety glasses, hearing protection or special applications kit are required for some work. See your dealer about Bobcat Safety equipment.

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

SIA30-0400

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