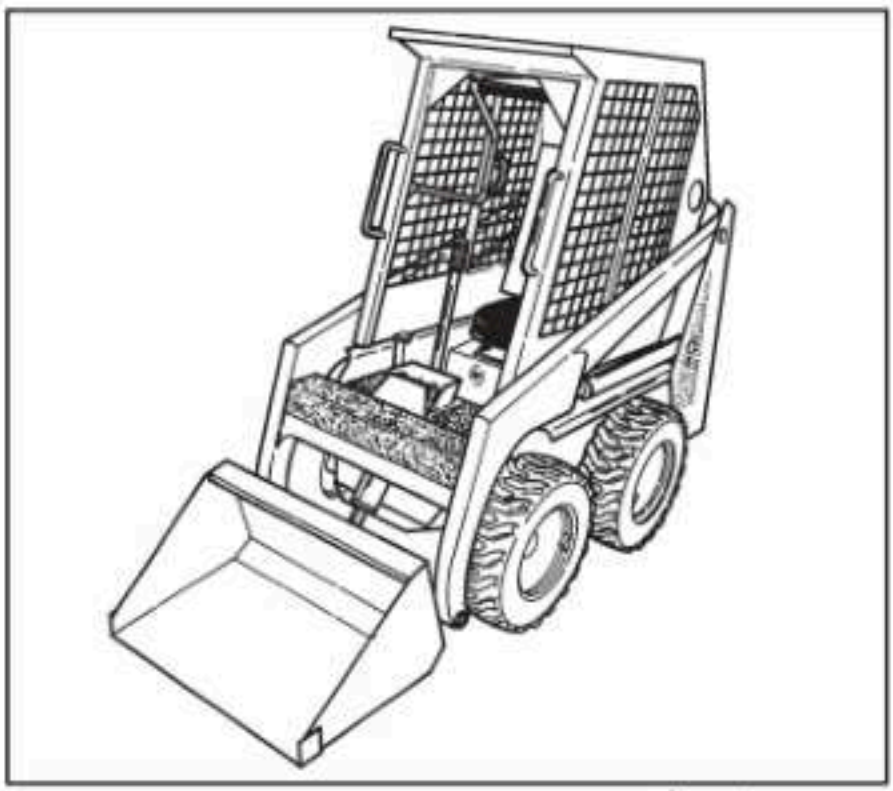
440B

Operation & Maintenance Manual



MELROE
INGERSOLL-RAND

bobcat

6570155 (3–94) Revised (4–97) Printed in U.S.A.

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CALIFORNIA
PROPOSITION 65 WARNING
Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.

REFERENCE INFORMATION

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

Loader Serial Number ..... _____
Engine Serial Number ..... _____
_____
_____
_____

NOTES: _____
_____
_____
_____
_____
_____

YOUR BOBCAT LOADER DEALER: _____
ADDRESS: _____
PHONE: _____

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

Melroe Europe
J. Huysmanslaan 59
B–1651 LOT
BELGIUM

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LEARNING THE CONTROLS

All the controls are within easy reach of the operator.

Learn the action of the steering and hydraulic controls. The loader has a seat belt and seat bar. When the seat bar is raised the foot pedals are locked and the tilt and lift pedals cannot be operated.

KEY SWITCH

The key switch (Item 2) **[A]** is used to start and stop the engine.

FUSE (IGNITION)

The fuse (Item 3) **[A]** protects the electrical system from overload.

CHOKE CONTROL

Pull out on the knob (Item 1) **[A]** to put the choke in the ON position and push in to put the choke in OFF position.

ENGINE SPEED CONTROL

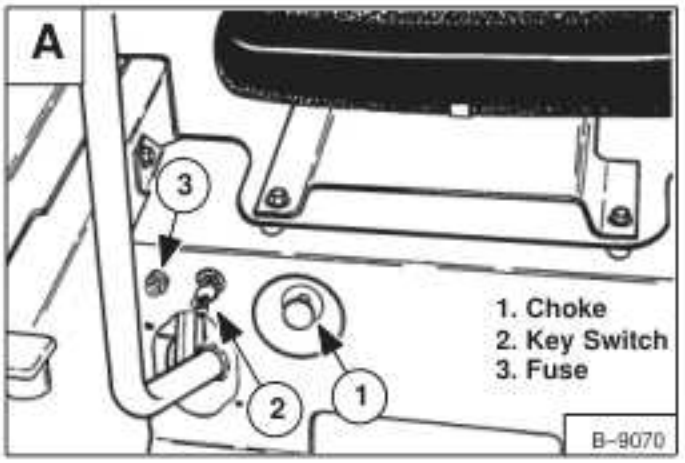
The engine speed control is at the left side of the operator's seat **[B]**.

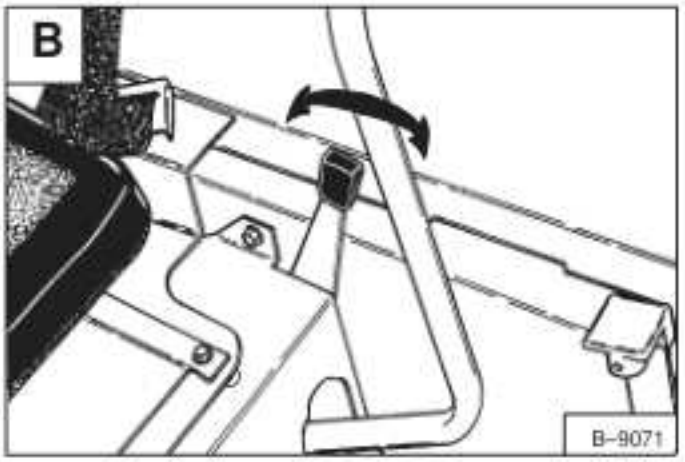
Engine RPM is controlled by moving the engine speed control forward to increase the engine RPM and backward to decrease the engine RPM.

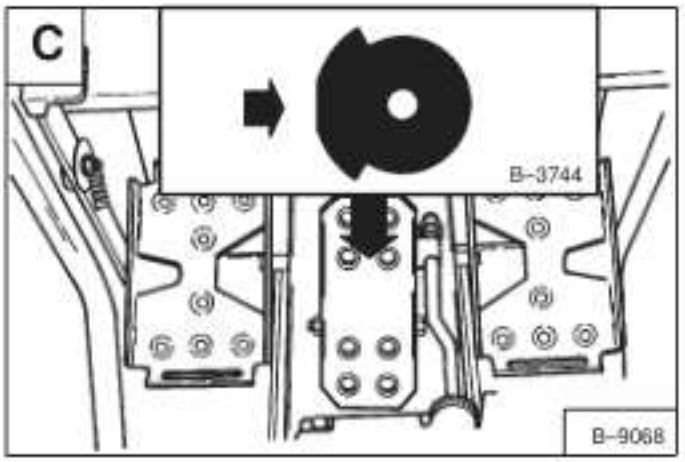
PARKING BRAKE

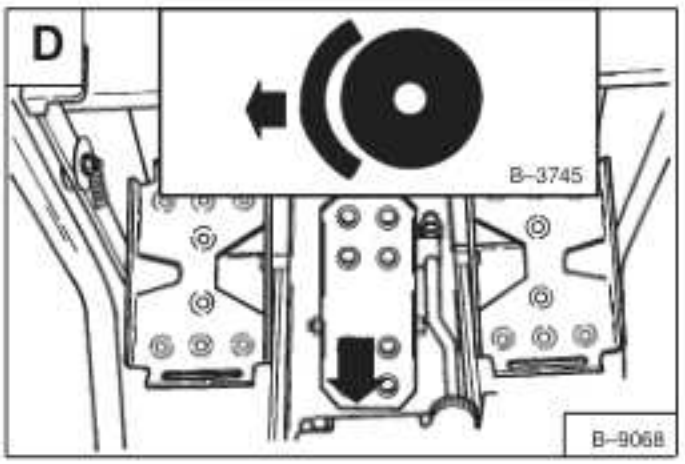
Lock the parking brake by pushing down on the top (toe) of the brake pedal **[C]**.

Release the parking brake by pushing down on the bottom (heel) of the brake pedal **[D]**.









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ATTACHMENTS & BUCKETS

The dealer can identify, for each model loader, the attachments and buckets approved by Melroe Company. The attachments and buckets are approved for the Rated Operating Capacity and for secure fastening of the attachment or bucket to the lift arms.

⚠ WARNING

Never use attachments or buckets which are not approved by Melroe Company. Buckets and attachments for safe loads of specified densities are approved for each model. Unapproved attachments can cause injury or death.

W–2052–1285

Use the correct size attachment for the type of material being handled. For safe handling of materials without damaging the loader, the attachment or bucket must handle a full load without going over the Rated Operating Capacity for the loader. For most efficient use of the loader, carry loads which are as near as possible to the Rated Operating Capacity for the loader.

⚠ WARNING

AVOID INJURY OR DEATH

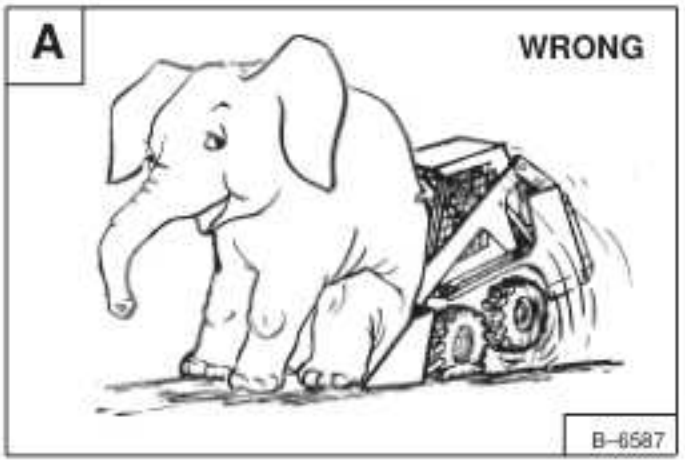
Do not exceed rated operating capacity. Excessive load can cause tipping or loss of control.

W–2053–0887

The Rated Operating Capacity for this loader is given on a decal on the loader. (See also the *Specifications* Section.)

Using a bucket of the wrong size or exceeding the Rated Operating Capacity can cause the following problems **[A].**

1. Steering the loader may be difficult.
2. Tires may wear faster.
3. There will be a loss of stability.
4. The life of the Bobcat loader may be shortened.

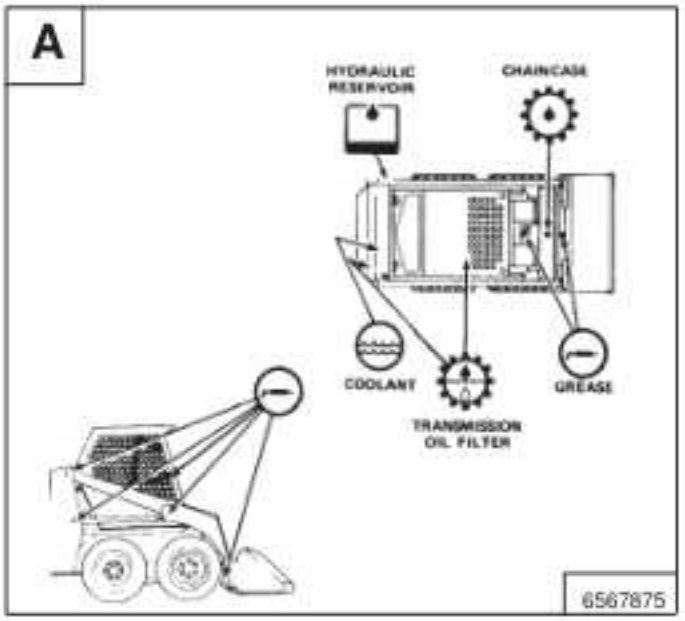


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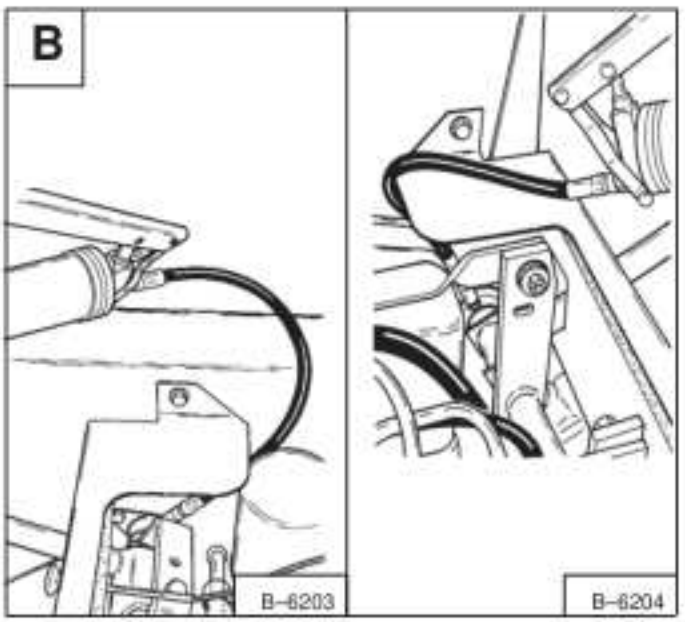
LUBRICATION OF THE BOBCAT LOADER

Lubricate the loader as specified in the Service Schedule Page19 for the best performance **[A]**.

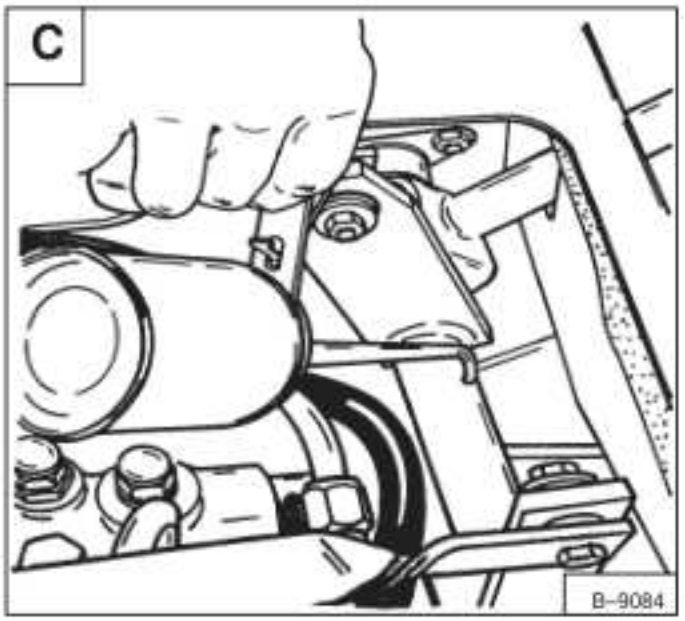
Always use a good quality lithium–based multipurpose grease when lubricating the loader. Apply the lubricant until the extra grease shows.



Grease the pivot bearings at the end of the steering shaft **[B]**. See the Service Schedule for the correct service interval.



Add oil or grease as needed to the steering control shaft **[C]**. (Both sides.)



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BEFORE OPERATING THE BOBCAT LOADER

Safety Alert Symbol: This Safety Symbol is used for important safety messages. When you see this symbol follow safety message to avoid personal injury or death.

⚠WARNING

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

W-2001-1285



B-10731

The Bobcat loader must be in good operating condition before use.

Check all of the items on the Service Schedule under the 8 – 10 hour column.

⚠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

IMPORTANT

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

I-2019-0284

SAFE OPERATION NEEDS A QUALIFIED OPERATOR*

A QUALIFIED OPERATOR MUST DO THE FOLLOWING:

- UNDERSTAND THE WRITTEN INSTRUCTIONS, RULES AND REGULATIONS
  - The written instructions from Melroe Company include the delivery report, Operation & Maintenance Manual and plastic handbook, EMI Safety Manual (available in Spanish) and machine signs (decals).
  - Check the rules and regulations at your location. The rules may include an employer's work safety requirements. Regulations may identify a hazard such as a utility supply line.
- HAVE TRAINING WITH ACTUAL OPERATION
  - Operator training must consist of a demonstration and verbal instruction. This training is given by your dealer before the loader is delivered.
  - The new operator must start in an area without bystanders and use all the controls until he can operate the loader safely under all conditions of the work area. Always fasten seat belt and lower seat bar before operating.
- KNOW THE WORK CONDITIONS
  - For each material to be handled, the operator must know how to avoid exceeding the rated operating capacity of the loader. For example, in handling certain loose material with a given bucket, he must know whether he can safely take a full load, or only part of a bucket load.
  - The operator must know any prohibited uses or work areas, for example, he needs to know about excessive slopes.
  - Wear tight fitting clothing. Always wear safety glasses when maintaining or servicing loader. Safety glasses, hearing protection or loader special applications kit are required for some work. See your dealer about Melroe 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.

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