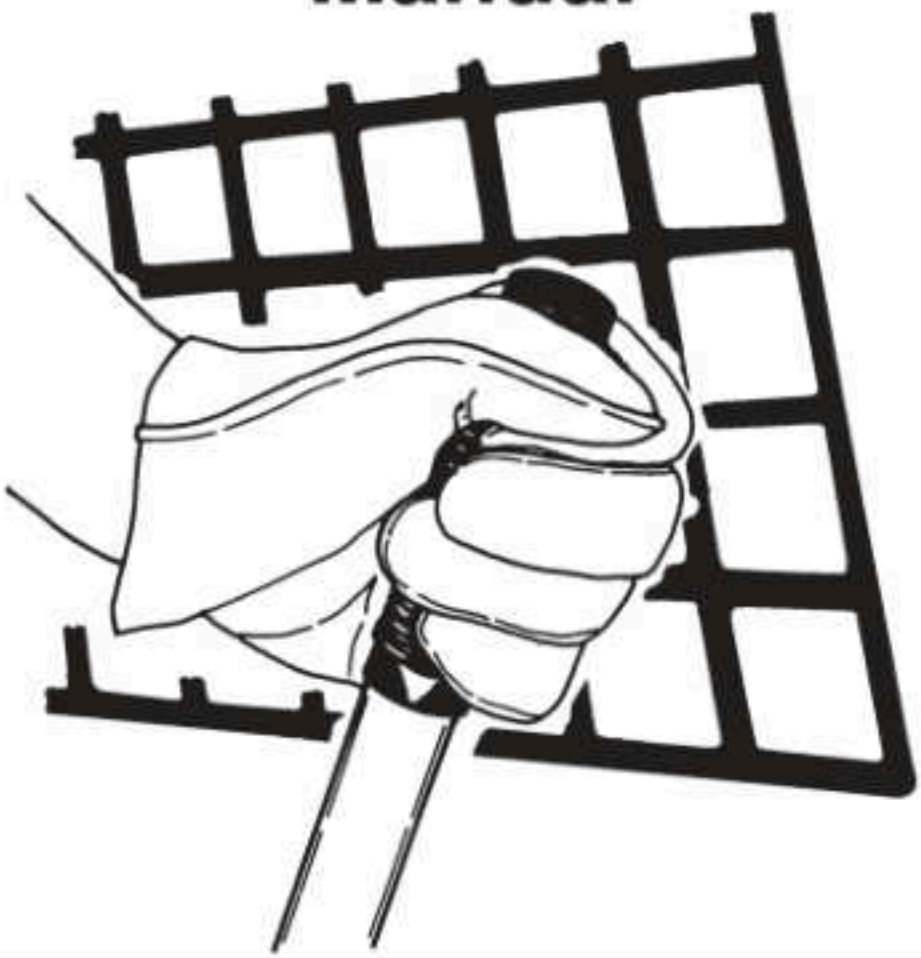
bobcat

ANGLE BROOM

(S/N 690100899 & Below)

Operation & Maintenance Manual



MELROE
INGERSOLL-RAND

6720359 (1–96) Revised (10–98)

bobcat

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FOREWORD

SAFETY

OPERATING INSTRUCTIONS

ANGLE BROOM MAINTENANCE

SPECIFICATIONS

REFERENCE INFORMATION

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

Angle Broom Serial Number ..... _____

_____

_____

_____

NOTES: _____

_____

_____

_____

_____

_____

_____

_____

YOUR LOADER DEALER:

_____

ADDRESS:

_____

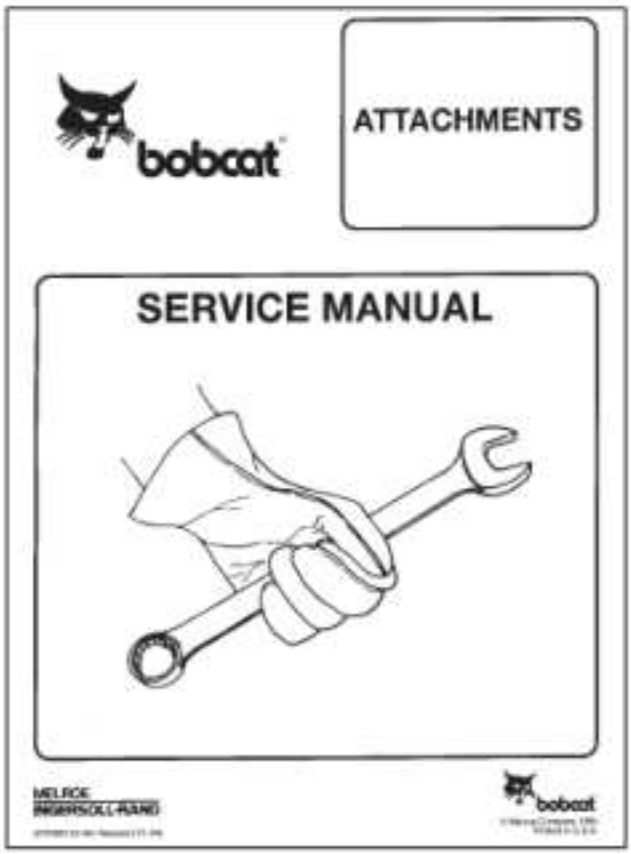
PHONE:

_____

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

Melroe Europe
J. Huysmanslaan 59
B–1651 LOT
Belgium

The Attachment Service Manual P/N 6722922 gives complete repair procedures for your attachment components. You can order the Melroe Attachment Service Manual from your Melroe dealer.



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SETTING UP BEFORE FIRST OPERATION

The Angle Broom is delivered completely assembled except for the control kit. Each attachment is thoroughly inspected before delivery. For safe operation do the following procedures before operating the sweeper.

Make sure all nuts, bolts and set screws are tight.

Make sure nothing is bent or broken due to shipping. If damage does exist, do not use the broom until the damaged parts have been replaced or repaired.

Make sure all hydraulic hoses and fittings are tight.

Make sure all warning signs (decals) are on the broom and in their correct location. Replace any damaged signs (decals).

READ ALL SAFETY SIGNS (DECALS) AND INSTRUCTIONS CAREFULLY

WIRE HARNESS INSTALLATION

NOTE: If the Angle Broom is installed on loaders equipped with a 14 pin attachment control harness, the Angle Broom harness should be updated to the same harness that is used on S/N 690100900 & Above Angle Broom.

All Loaders

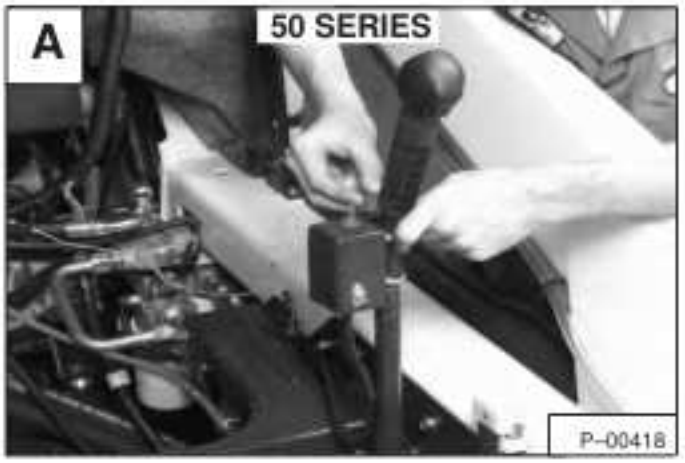
Install the control on the left steering lever **[A]** & **[B]**.

Use the u–bolts, lock washers and nuts to hold the control **[A]** & **[B]**.

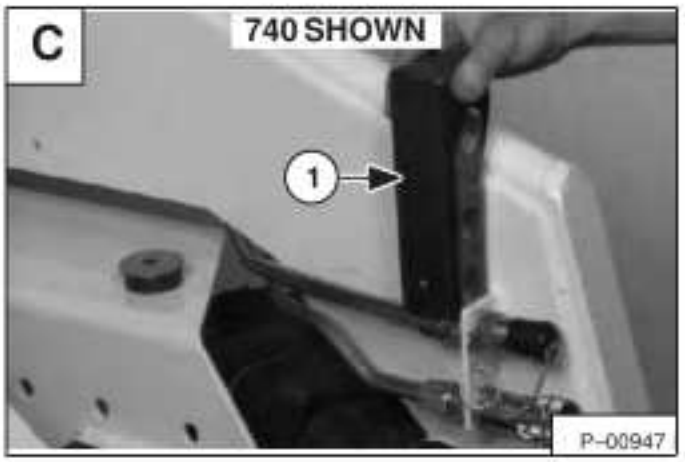
NOTE: The control box mounts on the inside of the lever for 50 series and outside of the lever for 40 series.

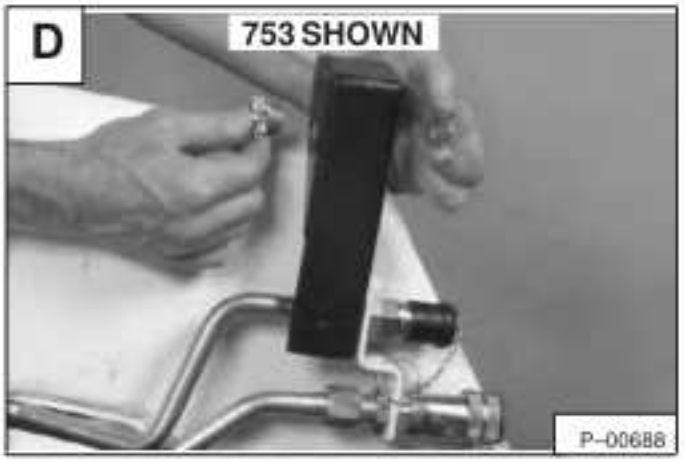
Loosen the locknut on the top auxiliary tubeline and install the bracket (Item 1) **[C]** on the back side of the bulkhead fitting.

Install the wire clamp in the rear hole of the mounting bracket, install the nut on the inside of the mounting bracket **[D]**.









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LUBRICATION

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

Lubrication Points

Lubricate the following grease fittings **EVERY 20 HOURS:**

The broom pivot (1 fitting) **[A]**.



The oscillating pivots (2 fittings) **[B]**.



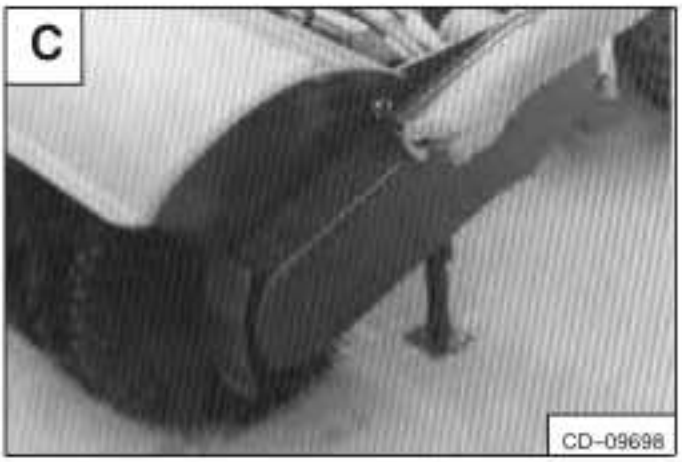
DRIVE CHAIN ADJUSTMENT

Use the following procedure to adjust the chain tension:

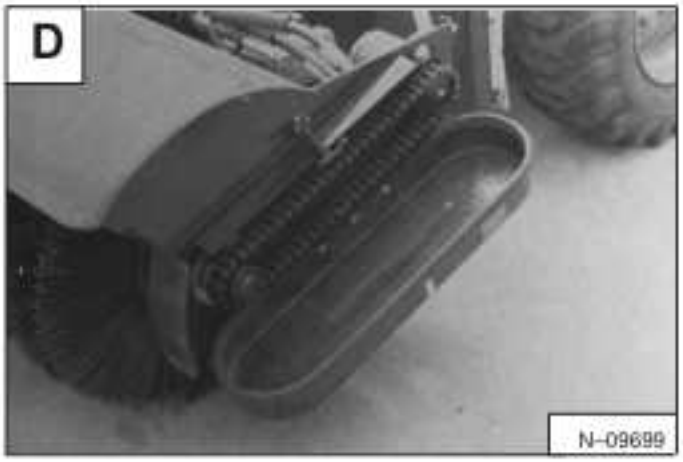
Lower the angle broom stands. Lower the broom.

Stop the engine. Engage the parking brake.

Pull forward and up on the rubber handle to release the chain cover **[C]**.



Lower the chain cover **[D]**.



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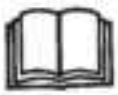
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SAFETY INSTRUCTIONS

SAFETY IS THE OPERATOR'S RESPONSIBILITY

The Bobcat Skid Steer Loader or Compact Excavator and Melroe Approved Attachments are designed to give maximum safety; but no machine design can prevent operator error or carelessness.

READ THIS MANUAL BEFORE YOU OPERATE THE BOBCAT LOADER OR EXCAVATOR AND ATTACHMENT.



B–10731

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 Bobcat loader or excavator and approved attachment. Untrained operators can cause injury or death.

W–2253–0996

This Operation & Maintenance Manual was written to give the owner/operator instructions on the safe operation and maintenance of this Melroe Approved Attachment. READ AND UNDERSTAND *THIS* OPERATION & MAINTENANCE MANUAL AND THE LOADER OR EXCAVATOR OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR BOBCAT LOADER OR EXCAVATOR AND ATTACHMENT. If you have any questions, see your dealer.

⚠ 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, loader or excavator Operator's Handbook and Operation & Maintenance Manual, the attachment Operation & Maintenance 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 Slow Moving Vehicle 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 dealer before the attachment is delivered.
  - The new operator must start in an area without bystanders and use all the controls until he can operate the machine safely under all conditions of the work area.
  - Operator Training Courses are available for the Skid Steer Loader, Compact Excavator, Backhoe and Planer Attachment. Courses provide information for safe and efficient equipment operation. See your dealer for availability.
- KNOW THE WORK CONDITIONS
  - The operator must know any prohibited uses or work areas for the equipment.
  - Know the locations of underground lines. Call local utilities or the TOLL FREE phone number in the *SAFETY INSTRUCTIONS* Section of this manual.

* For an operator to be qualified, he must not use drugs or alcoholic drinks which change 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.

SIA30–0698

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