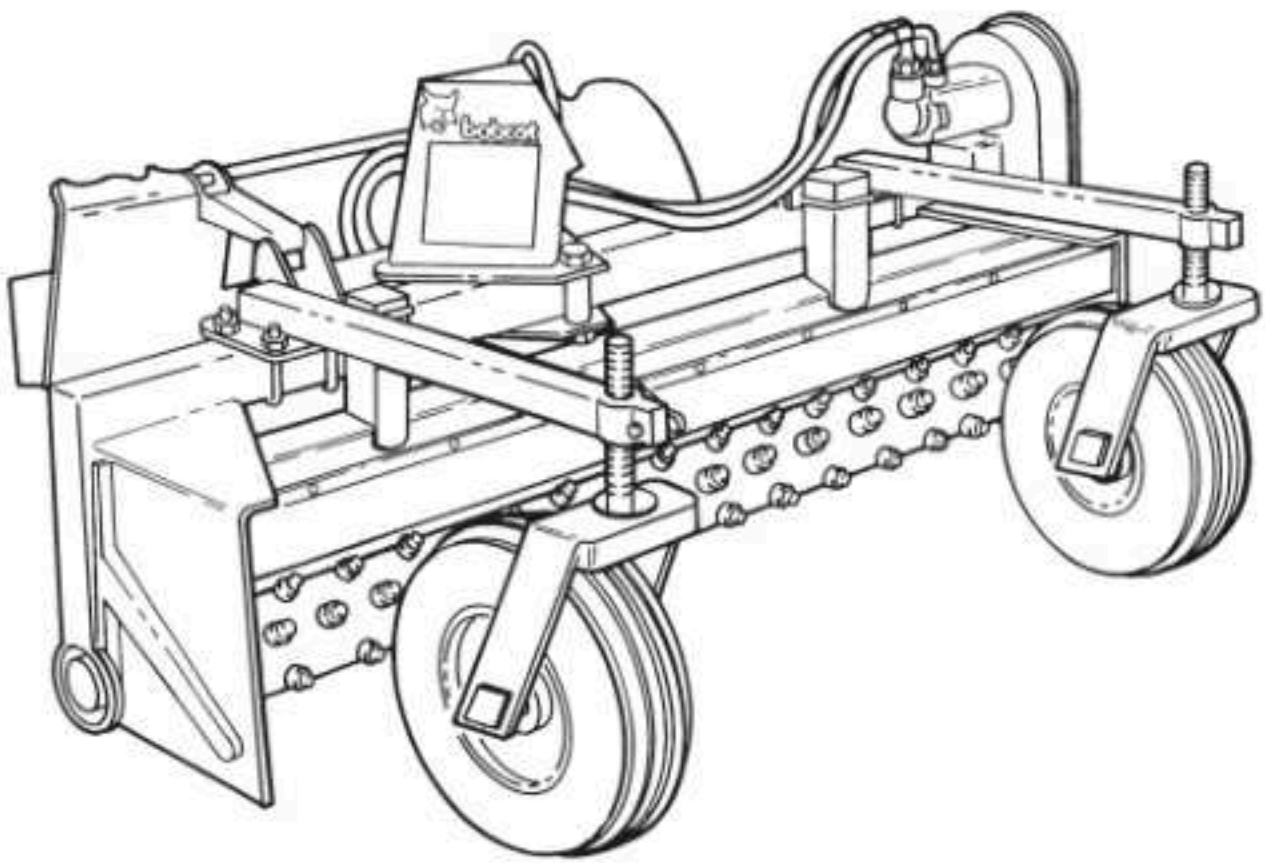
POWER RAKE

(S/N 925100101 & Above)

Operation & Maintenance Manual



MELROE
INGERSOLL-RAND

6724394 (8–96) Revised (12–99)

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REFERENCE INFORMATION

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

Power Rake Serial Number .... _____

_____

_____

_____

NOTES: _____

_____

_____

_____

_____

_____

_____

_____

_____

YOUR LOADER DEALER:

_____

ADDRESS:

_____

PHONE:

_____

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

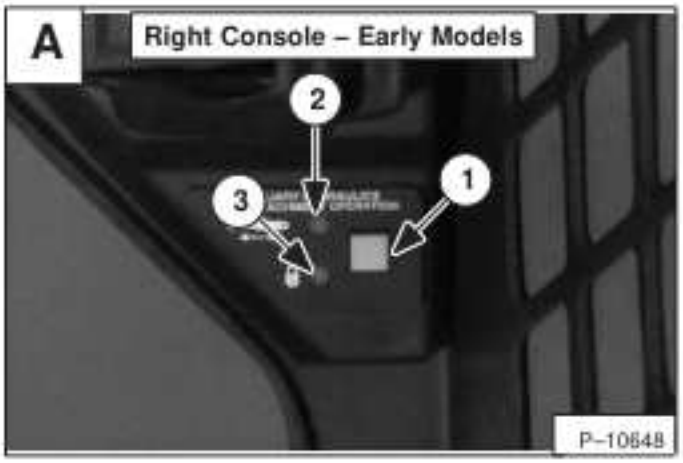
Melroe Europe
J. Huysmanslaan 59
B–1651 LOT
Belgium

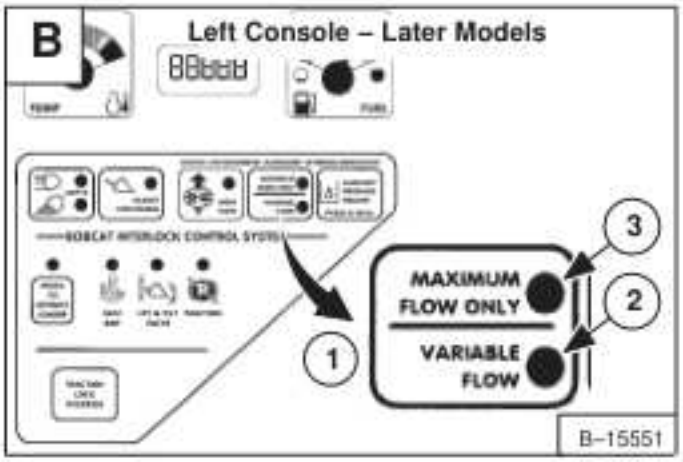
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HYDRAULIC CONTROLS (Cont'd)

Electric Auxiliary Control

Press the auxiliary hydraulic switch (Item 1) **[A]** & **[B]** (on the instrument panel) twice to activate the switches on the steering levers. Both lights (Items 2 & 3) **[A]** & **[B]** will come ON. Pressing the auxiliary hydraulic switch a third time disengages the auxiliary hydraulics and the lights will go OFF.





To Rotate The Power Rake

Tilt the Power Rake backward so the teeth are above the ground.

Engage the auxiliary hydraulics (See Above).

For forward travel raking, push the button (Item 1) **[C]**. To stop the rake, push the button (Item 1) **[C]** a second time.

For reverse travel raking, push and hold the switch (Item 2) **[C]** to the left. To stop rake rotation, let go of the switch.

To Angle The Power Rake (For S/N 925100101–925100552)

The rake can be rotating in the forward travel or the reverse travel direction for the above listed serial numbers.

To angle to the right, push the switch (Item 1) **[D]** to the right.

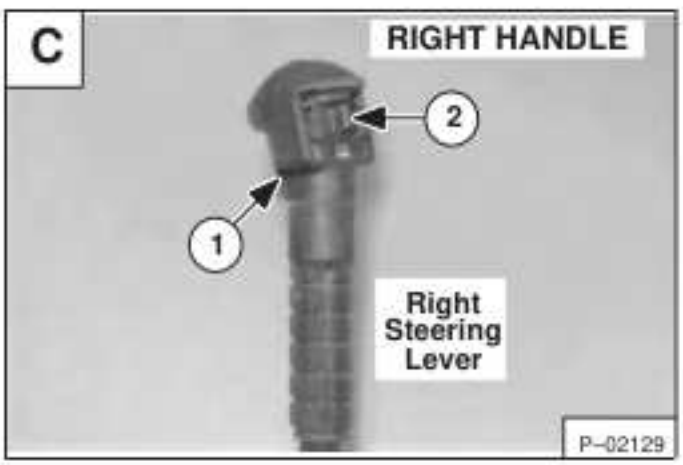
To angle to the left, push the switch (Item 1) **[D]** to the left.

(For S/N 925100553 & Above)

The rake must be rotating in the forward travel direction for the above listed serial numbers.

To angle to the right, push the switch (Item 1) **[D]** to the right.

To angle to the left, push the switch (Item 1) **[D]** to the left.





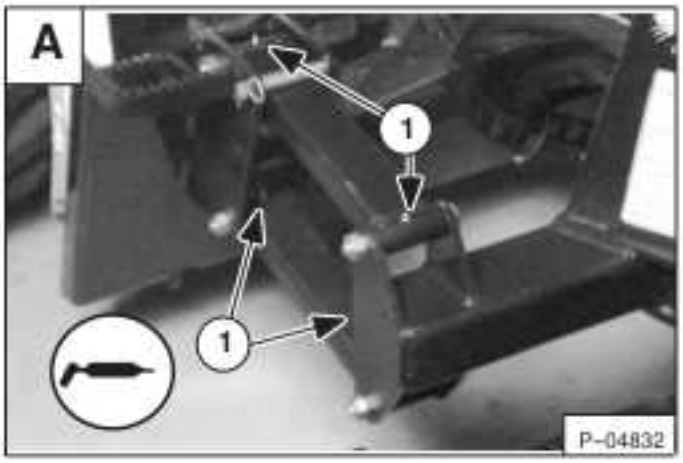
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LUBRICATING THE POWER RAKE (Cont'd)

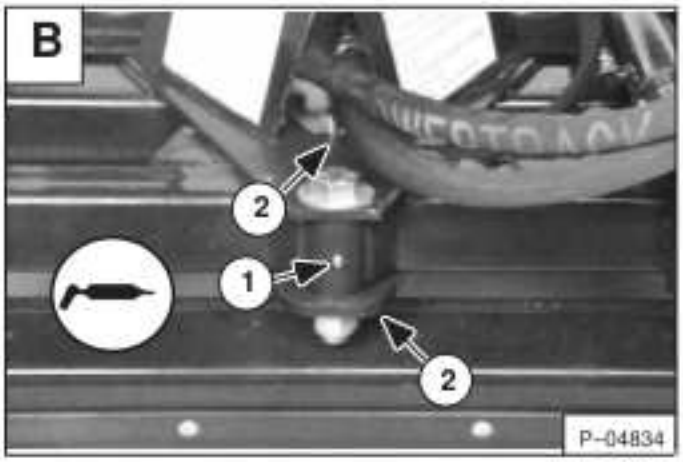
Always use a good quality lithium based multi–purpose grease when lubricating the power rake. Apply the lubricant until extra grease shows.

Weekly Lubrication

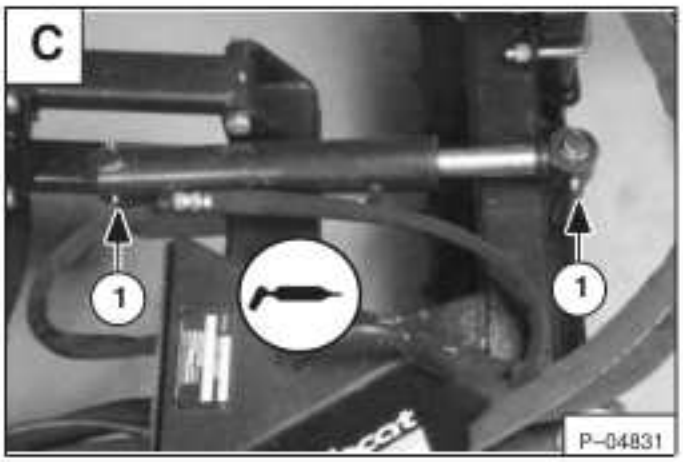
Add grease to the eight (8) fittings (4 on each side) (Item 1) **[A]** on the parallel arms.



Add grease to the center pivot bushing (Item 1) **[B]** and pivot plate (Item 2) **[B]** top and bottom.

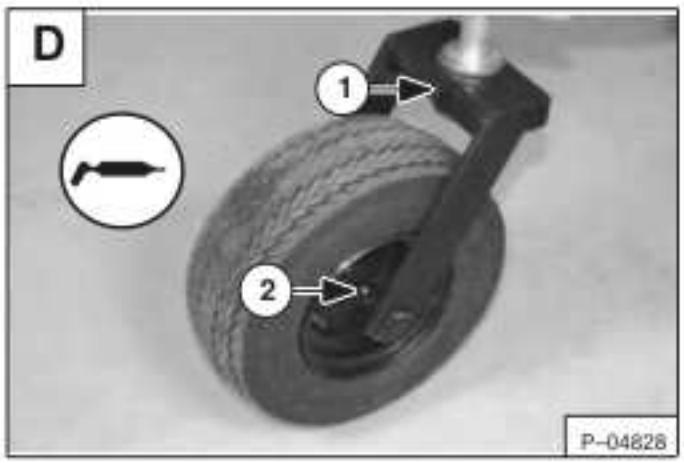


Add grease to the fittings (Item 1) **[C]** on both ends of the cylinder.



Add grease to the fitting on the caster wheel pivot bearing (Item 1) **[D]** and the wheel bearing fitting (Item 2) **[D]**.

NOTE: Tire pressure should be 45 PSI (310 kPa).



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SAFETY INSTRUCTIONS

SAFETY IS THE OPERATOR'S RESPONSIBILITY

The Bobcat® 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 Attachments. Courses provide information for safe and efficient equipment operation. See your dealer for availability. Service Safety Training Courses are also available.
- 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.

SIA30–1099

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