bobcat®

2560 & 3560 HYDRAULIC BREAKER

Operation & Maintenance Manual



MELROE
INGERSOLL-RAND
6722591 (9-96) Revised (1-98)

Printed in U.S.A.

bobcat

© Melroe Company 1998

MidWestTech | Bobcat 2560, 3560 Hydraulic Breaker Operation & Maintenance Manual | P... Order the manual at mid-west-tech.com >

CONTENTS

FOREWORD iii
SAFETY vii
OPERATING INSTRUCTIONS 1
HYDRAULIC BREAKER MAINTENANCE 23
SPECIFICATIONS 31

REFERENCE INFORMATION

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

Hydraulic Breaker Serial Number . . . _____

NOTES: _____

YOUR BOBCAT LOADER DEALER:

_____

ADDRESS:

_____

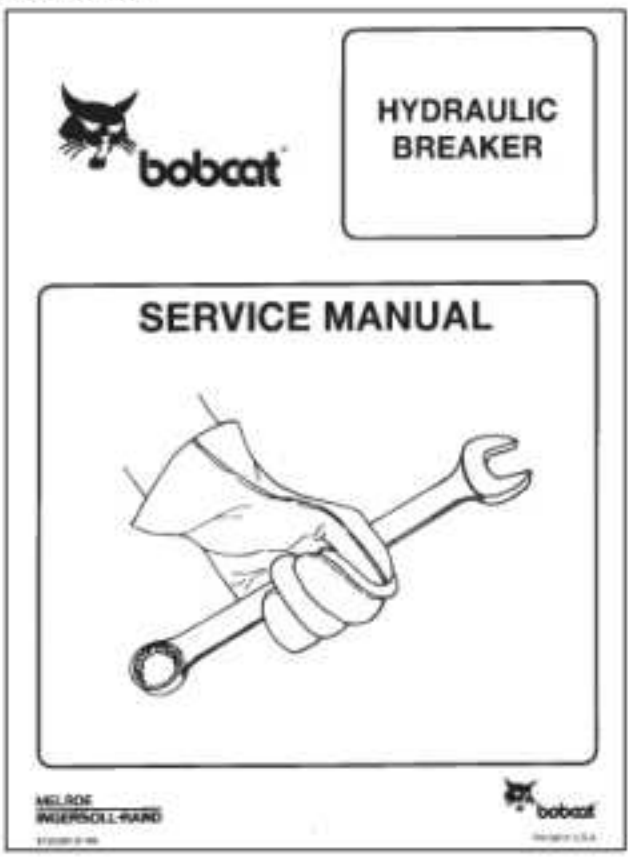
PHONE:

_____

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

Melroe Europe
J. Huysmanslaan 59
B–1651 LOT
Belgium

The Hydraulic Breaker Service Manual P/N 6720280 gives complete repair procedures for your attachment components. You can order the Melroe Hydraulic Breaker Service Manual from your Melroe dealer.



MidWestTech | Bobcat 2560, 3560 Hydraulic Breaker Operation & Maintenance Manual | P... Order the manual at mid-west-tech.com >

FOREWORD

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

SERIAL NUMBER LOCATION v

ATTACHMENT DELIVERY REPORT v

HYDRAULIC BREAKER IDENTIFICATION vi

MidWestTech | Bobcat 2560, 3560 Hydraulic Breaker Operation & Maintenance Manual | P... Order the manual at mid-west-tech.com >

HYDRAULIC CONTROLS

Loader:

⚠ WARNING

AVOID BURNS

Hydraulic fluid, tubes, fittings and quick couplers can get hot when running machine and attachments. Be careful when connecting and disconnecting quick couplers.

W-2220-0396

IMPORTANT

Avoid Blank (No Load) Firing, which can cause heat and spikes in the hydraulic system. Disengage auxiliary hydraulics when breaker is not in use.

I-2035-0695

Manual Auxiliary Control:

Move the steering lever all the way to the right (Item 1) **[A]** to put the control valve into the auxiliary hydraulic position for a constant flow of hydraulic fluid under pressure to the quick couplers (hydraulic breaker will operate).

Move the auxiliary control lever to the left to disengage the auxiliary hydraulics before leaving the operator cab or when moving the breaker to another position to avoid heat build up.

Electric Auxiliary Controls:

Auxiliary Hydraulics Operation

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

Push the mode switch (Item 1) **[B]** to disengage the *detent* before leaving the operator cab.

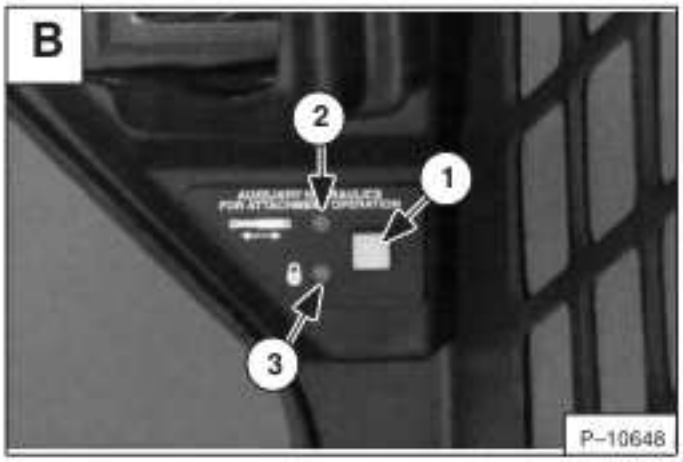
FRONT AUXILIARY CONTROL (Continuous) (Detent)

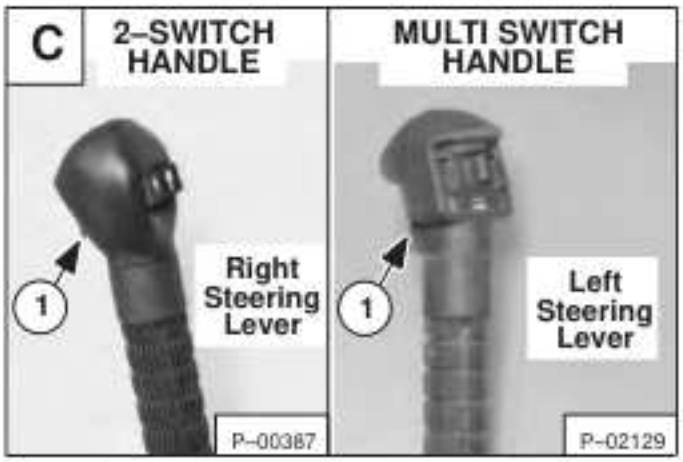
NOTE: The auxiliary flow on the loader will be locked in continuous flow in only one direction.

Push the front button (Item 1) **[C]** on the right steering lever once (with two lights illuminated on the mode switch) for continuous flow to the front auxiliary quick couplers (breaker will engage).

Push the button (Item 1) **[C]** a second time to disengage continuous flow (detent) (breaker will disengage).







MidWestTech | Bobcat 2560, 3560 Hydraulic Breaker Operation & Maintenance Manual | P... Order the manual at mid-west-tech.com >

HYDRAULIC BREAKER SPECIFICATIONS 33

MidWestTech | Bobcat 2560, 3560 Hydraulic Breaker Operation & Maintenance Manual | P... Order the manual at mid-west-tech.com >

SAFETY INSTRUCTIONS

SAFETY IS THE OPERATOR'S RESPONSIBILITY

The Bobcat skid steer loader or compact excavator or backhoe and hydraulic breaker 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 OR BACKHOE AND HYDRAULIC BREAKER

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

WARNING

Operator must have instructions before operating Bobcat loader or excavator and approved attachment. Untrained operators can cause injury or death.

W-2253-0996



B-10731

This Operation & Maintenance Manual was written to give the owner/operator instructions on the safe operation and maintenance of the Hydraulic Breaker. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL AND THE LOADER OR EXCAVATOR OR BACKHOE OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR BOBCAT LOADER OR EXCAVATOR OR BACKHOE AND HYDRAULIC BREAKER. 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 manual and machine signs (decals).
  - Check the rules and regulations (call before you begin operating) at your location. The rules may include an employer's work safety requirements. Regulations may identify a hazard such as an underground utility line.
- HAVE TRAINING WITH ACTUAL OPERATION
  - Operator training must consist of a demonstration and verbal instruction. This training is given by the Bobcat dealer before the hydraulic breaker is delivered.
  - The new operator must start in an area without bystanders and use all the controls until he can control the loader or excavator or backhoe with hydraulic breaker safely under all conditions of the work area.
- KNOW THE WORK CONDITIONS
  - The operator must know any prohibited uses or work areas for the equipment. For example, he needs to know the locations of underground lines.

* 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.

MidWestTech | Bobcat 2560, 3560 Hydraulic Breaker Operation & Maintenance Manual | P... Order the manual at mid-west-tech.com >