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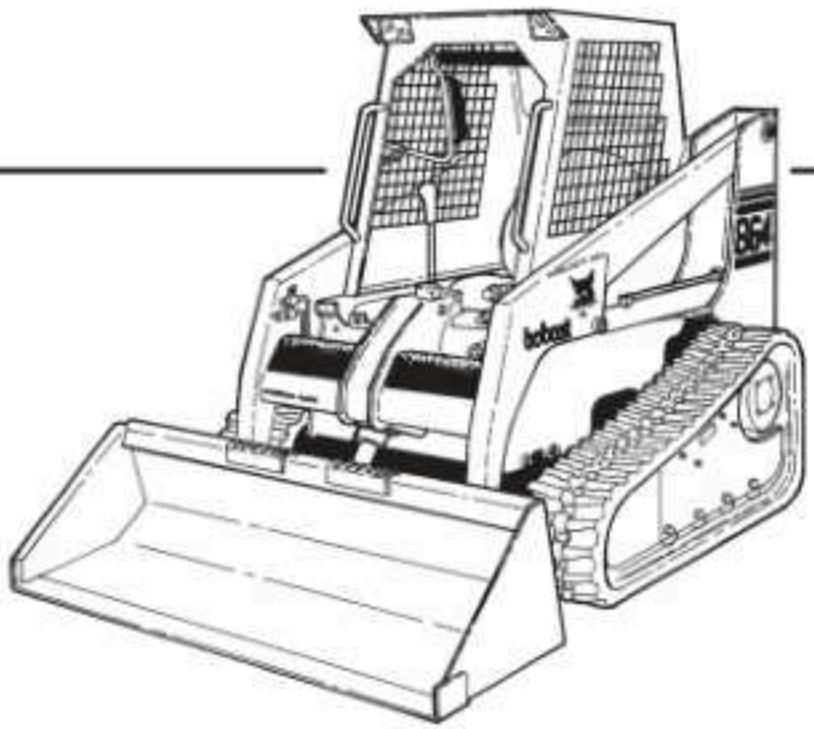
864

HIGH FLOW

Bobcat®

Operation & Maintenance Manual

S/N 516911001 & Above



EQUIPPED WITH
BOBCAT INTERLOCK
CONTROL SYSTEM (BICS™)

6900626 (8–99) Revised (9–00)

IR Bobcat

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 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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HYDRAULIC CONTROLS (Cont'd)

Auxiliary Hydraulics (Cont'd)

Auxiliary Hydraulics Switch

- **Momentary Operation**
  Press the Auxiliary Hydraulics Switch (Item 1) **[A]** once.

  The light (Item 2) **[A]** will be ON.
- **Continuous Operation**
  Press the Auxiliary Hydraulics Switch (Item 1) **[A]** a second time.

  Both lights (Items 2 & 3) **[A]** will be ON.
- **Disengage**
  Press the Auxiliary Hydraulics Switch (Item 1) **[A]** a third time.

  Both lights (Items 2 & 3) **[A]** will be OFF.

NOTE: When the operator is seated and raises the seat bar, the Auxiliary Hydraulic System (Front and Rear) will deactivate. Press the Auxiliary Hydraulics Switch (Item 1) [A] to reselect operating mode.

FRONT Auxiliary Hydraulics Operation
(RIGHT Steering Lever)

- Set the Auxiliary Hydraulics Switch for Momentary Operation (See above).
- Push the switch (Item 1) **[B]** or **[C]** to the right or left to change the fluid flow direction to the ***front*** quick couplers. (EXAMPLE: Open and close grapple teeth.)

FRONT Auxiliary Hydraulics Continuous Operation
(RIGHT Steering Lever)

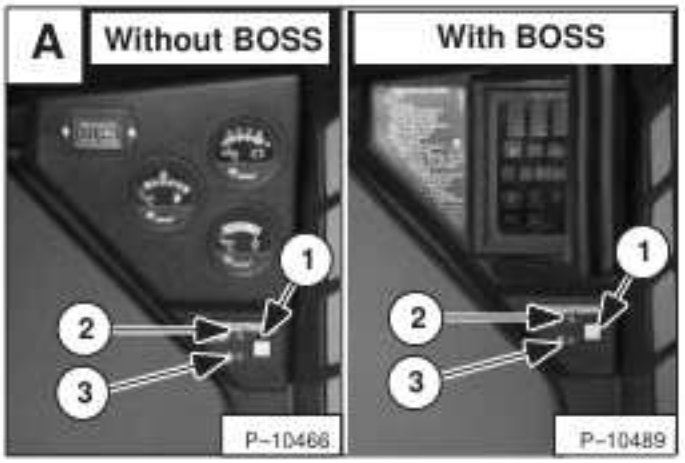
- Set the Auxiliary Hydraulics Switch for Continuous Operation (See above).
- Push the front switch (Item 2) **[B]** or **[C]** to give the front quick couplers a constant flow of fluid (EXAMPLE: Operate a backhoe.)
- To release from continuous operation, press the front switch (Item 2) **[B]** or **[C]** a second time.

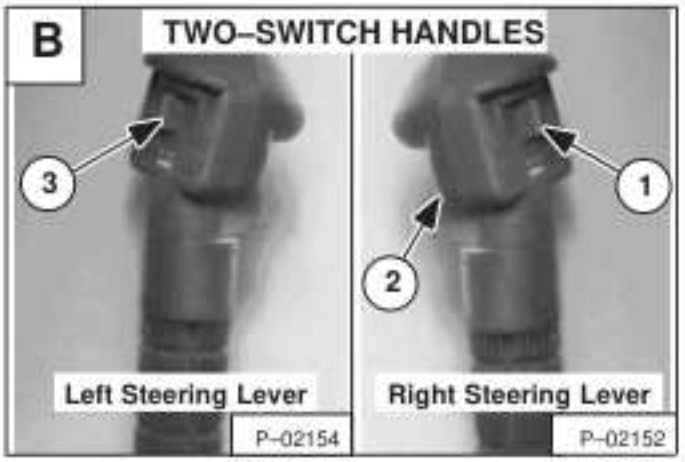
REAR Auxiliary Hydraulics Operation
(LEFT Steering Lever)

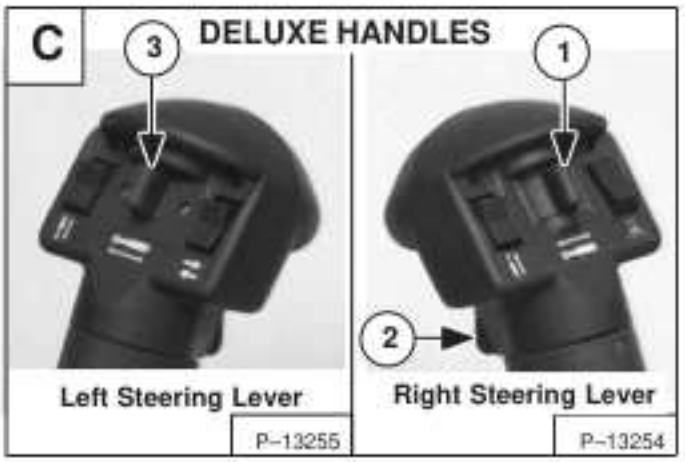
- Set the Auxiliary Hydraulics Switch for Momentary or Continuous Operation (See above).
- Push the switch (Item 3) **[B]** or **[C]** to the right or left to change the fluid flow direction to the ***rear*** quick couplers **[D]**. (EXAMPLE: Raise and lower rear stabilizers.) This switch also controls the secondary front auxiliary. (Rear Auxiliary Hydraulics required)

NOTE: See *System Analysis* Page 80 for troubleshooting malfunctions with the Auxiliary Hydraulics Operation.

NOTE: The secondary front auxiliary hydraulics *and* the rear auxiliary hydraulics operate from the same auxiliary section of the control valve. To operate only one of these auxiliary functions, disconnect the other.









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Replacing Oil And Filter (Cont'd)

Remove the oil filter (Item 1) **[A]**.

Clean the filter housing surface.

Put clean oil on the new oil filter gasket. Install the filter and hand tighten only.

Use only genuine Bobcat filter.

Remove the fill cap (Item 2) **[A]**.

Put 10 qts. (9.5 L) of oil in the engine.

Start the engine and let it run for several minutes. Stop the engine. Check for leaks.

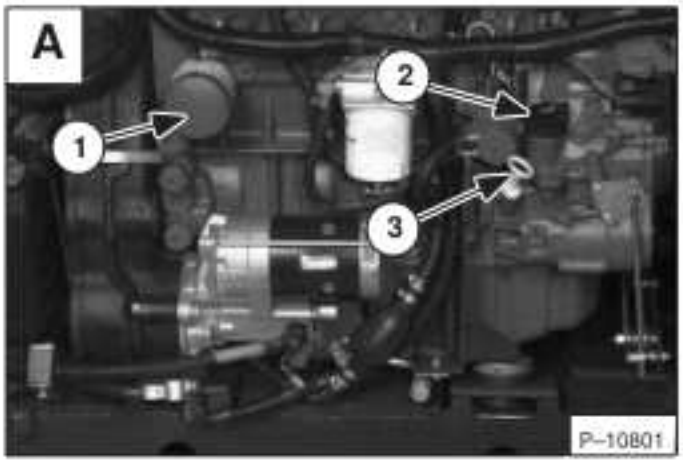
Remove the dipstick (Item 3) **[A]**. Check the oil level.

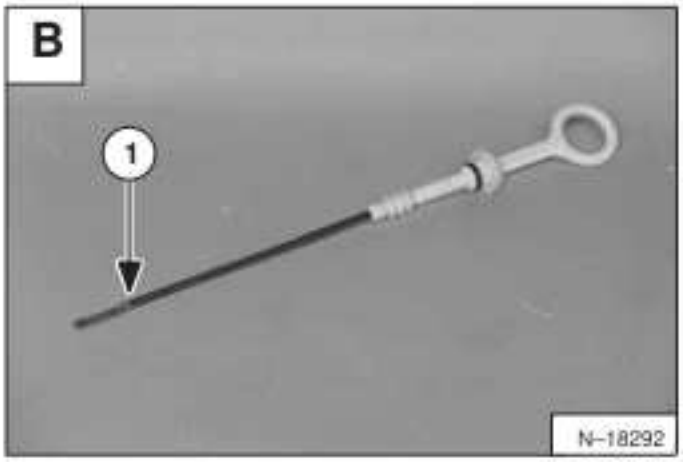
Add oil as needed if it is not at the top mark on the dipstick (Item 1) **[B]**. Do not over fill.

⚠ WARNING

Always clean up spilled fuel or oil. Keep heat, flames, sparks or lighted tobacco away from fuel and oil. Failure to use care around combustibles can cause explosion or fire which can result in injury or death.

W-2103-1285





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SPECIFICATIONS

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BEFORE OPERATING THE BOBCAT LOADER

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 loader 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 this 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

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

SAFE OPERATION NEEDS A QUALIFIED OPERATOR *

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.

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