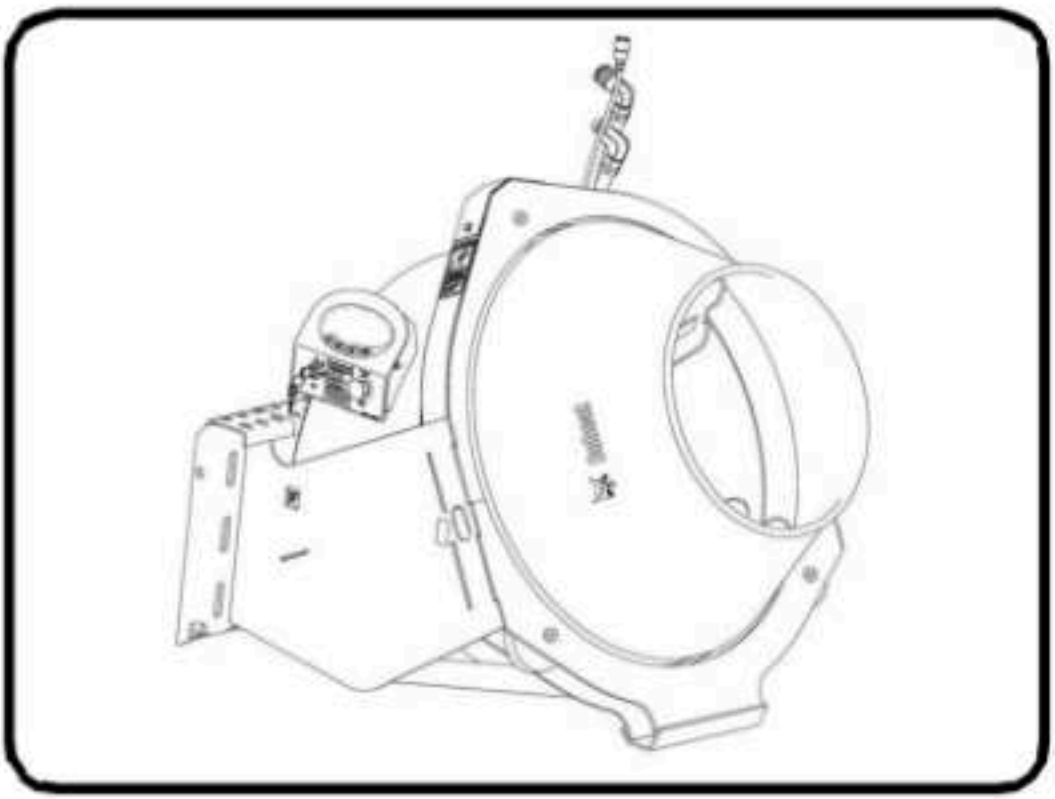
Bobcat®

Operation & Maintenance Manual
Concrete Mixer

(Concrete Mixer) S/N AK7400101 & Above



6990034 (6-11)

Printed in U.S.A.

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CONTENTS

FOREWORD 3

SAFETY & TRAINING RESOURCES 11

OPERATING INSTRUCTIONS 19

PREVENTIVE MAINTENANCE 79

SPECIFICATIONS 87

WARRANTY 91

ALPHABETICAL INDEX 95

REFERENCE INFORMATION

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

Concrete Mixer Serial Number _____

NOTES:

_____

_____

_____

_____

YOUR BOBCAT DEALER:

_____

ADDRESS:

_____

PHONE:

_____

Bobcat Company
P.O. Box 128
Gwinner, ND 58040-0128
UNITED STATES OF AMERICA

Doosan Benelux SA
Drève Richelle 167
B-1410 Waterloo
BELGIUM

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FOREWORD

This Operation & Maintenance Manual was written to give the owner / operator instructions on the safe operation and maintenance of the Bobcat concrete mixer. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR BOBCAT CONCRETE MIXER. If you have any questions, see your Bobcat dealer. This manual may illustrate options and accessories not installed on your Bobcat concrete mixer.

BOBCAT COMPANY IS IS0 9001 CERTIFIED 5

SERIAL NUMBER LOCATION 7
Attachment Serial Number 7

DELIVERY REPORT 7

ATTACHMENT IDENTIFICATION 8

FEATURES AND ACCESSORIES 9
Standard Items 9

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Control Functions (Cont'd)

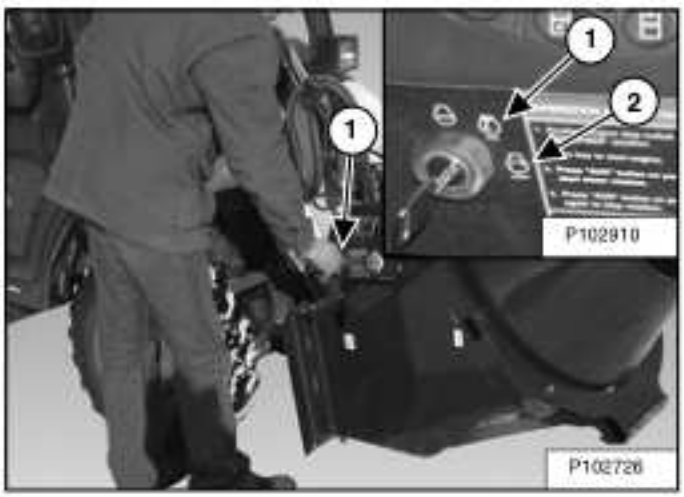
Operating With The Remote Attachment Control (Cont'd)

Figure 101



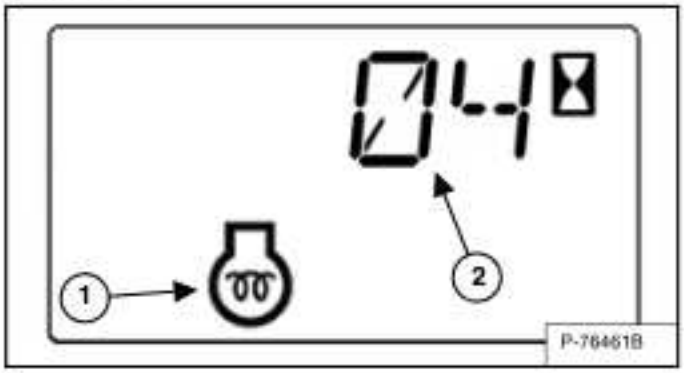
Turn the engine stop switch (Item 1) **[Figure 101]** clockwise to release.

Figure 102



Turn the key switch to RUN (Item 1) **[Figure 102]**. The indicator lights on the (RAC) will come ON briefly and the (RAC) monitoring system will do a self test.

Figure 103



The machine will cycle the air intake heater automatically based on temperature. The engine preheat icon (Item 1) will be ON and the cycle time remaining will show in the data display (Item 2) **[Figure 103]**.

When the engine preheat icon goes OFF, turn the key switch to START (Item 2) **[Figure 102]**. Release the key when the engine starts and allow the key to return to the RUN position (Item 1) **[Figure 102]**.

Start the mixer drum rotation. (See Remote Attachment Control Functions on Page 67.)

When desired mix consistency is obtained, stop the mixer drum rotation. (See Remote Attachment Control Functions on Page 67.)

Stop the engine. (See Remote Attachment Control Functions on Page 67.)

IMPORTANT

If the engine stop switch is used to stop the machine engine, turn the key switch to the OFF position. If the Remote Attachment Control key switch is left in the ON position, there will be a constant current draw on the battery resulting in a weak or discharged battery.

I-2188-0311

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Mixer Drive Chain Adjustment

Clean and inspect the drive chain after the first five hours of operation, then every 50 hours of operation.

⚠ WARNING

AVOID SERIOUS INJURY OR DEATH

Before loading, cleaning or inspecting mixed material in the drum, stop the concrete mixer drum and stop the machine engine.

W-2331-0311

⚠ WARNING

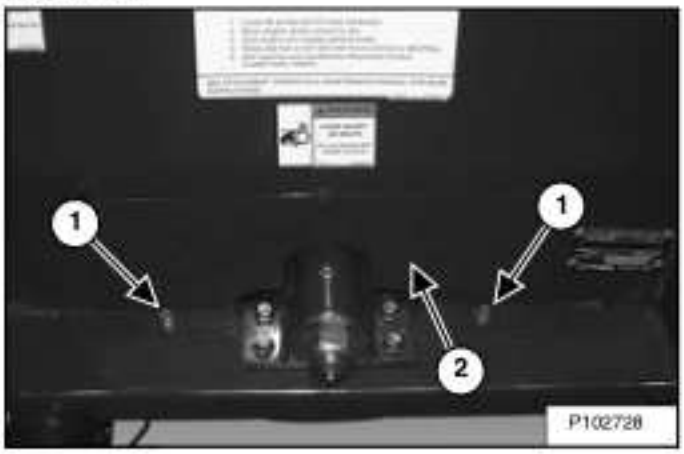
AVOID INJURY OR DEATH

Wear safety glasses to prevent eye injury when any of the following conditions exist:

- **When fluids are under pressure.**
- **Flying debris or loose material is present.**
- **Engine is running.**
- **Tools are being used.**

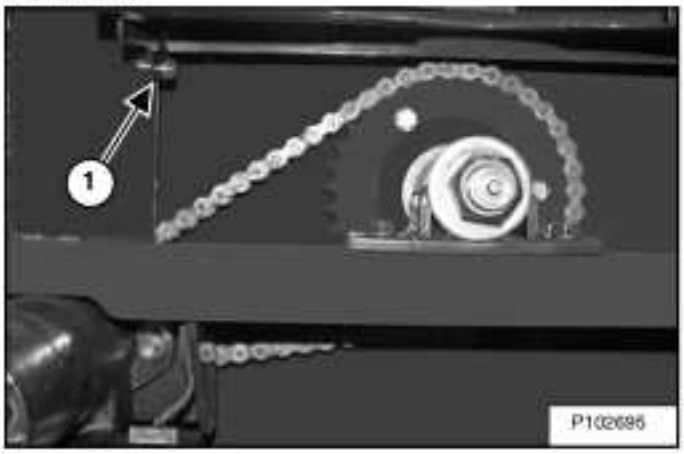
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Figure 121



Remove the two bolts (Item 1) and nuts from the access cover (Item 2) **[Figure 121]**.

Figure 122



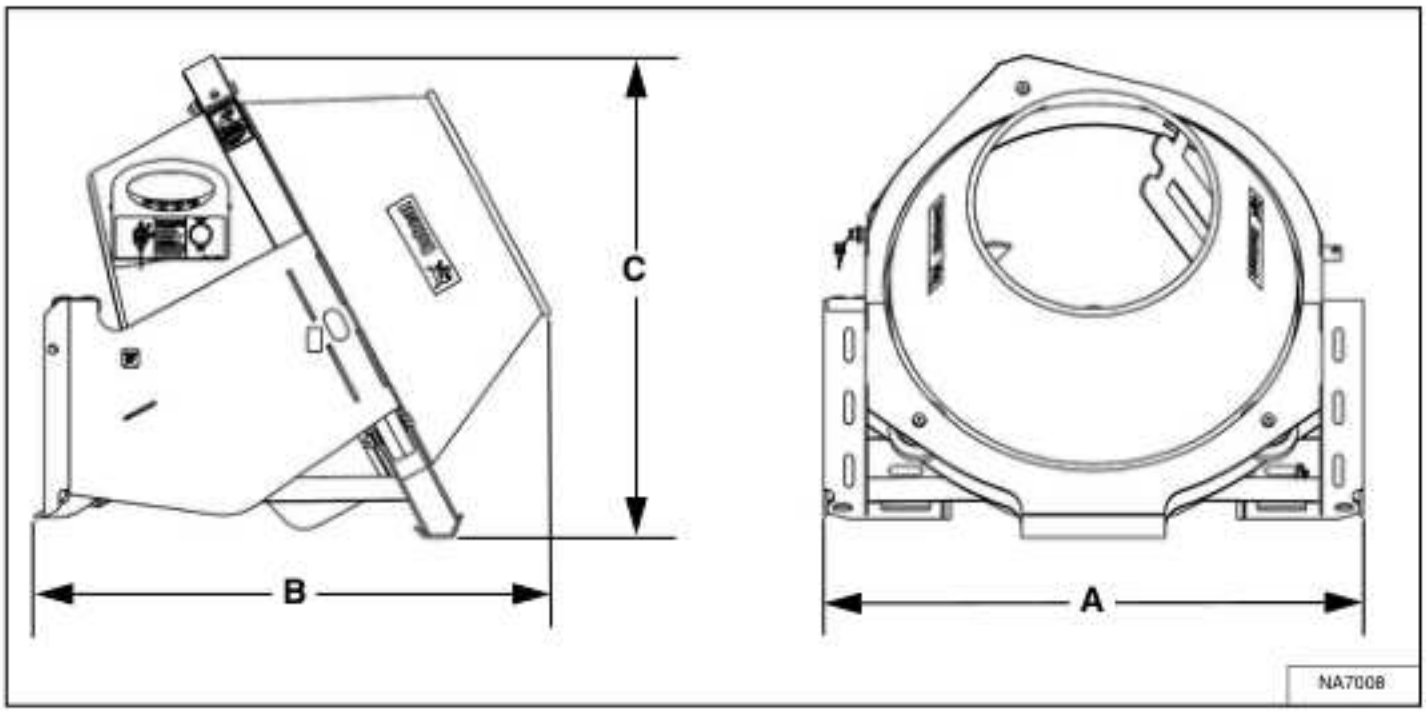
Open the cover and place a bolt (Item 1) **[Figure 122]** through the hole to keep the cover in the open position.

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(CONCRETE MIXER) SPECIFICATIONS

Dimensions

- All dimensions are shown in millimeters. Respective imperial dimensions are given in inches enclosed by parentheses.
- Where applicable, specifications conform to **SAE and ISO** standards and are subject to change without notice.



DESCRIPTION	CONCRETE MIXER
Width (A)	1148 mm (45.20 in)
Length (B)	1096 mm (43.16 in)
Height (C)	1019 mm (40.12 in)

Performance

DESCRIPTION	CONCRETE MIXER
Weight	200 kg (440 lb)
Center of Gravity	335 mm (13.2 in)
Rotation	Bi-rotational
Chain	#50 STD Roller
Drum Speed	20 rpm @ 42 L/min (11 U.S. gpm)

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SAFETY INSTRUCTIONS

Safe Operation Is The Operator's Responsibility

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 the machine. Untrained operators can cause injury or death.

W-2001-0502

IMPORTANT

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

I-2019-0284

DANGER

The signal word DANGER on the machine and in the manuals indicates a hazardous situation which, if not avoided, will result in death or serious injury.

D-1002-1107

WARNING

The signal word WARNING on the machine and in the manuals indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

W-2044-1107

The Bobcat machine 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 the Operation & Maintenance Manual.

Safe Operation Needs A Qualified Operator

For an operator to be qualified, he or she must not use drugs or alcoholic drinks which impair alertness or coordination while working. An operator who is taking prescription drugs must get medical advice to determine if he or she can safely operate a machine and the attachment.

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 or she can operate the machine and attachment safely under all conditions of the work area. Always fasten seat belt before operating.

Know the Work Conditions

- Know the weight of the materials being handled. Avoid exceeding the machine load capacities. 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 or she 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 *Call Before You Dig* section of this manual.
- Wear tight fitting clothing. Always wear safety glasses when doing maintenance or service. Safety glasses, respiratory equipment, hearing protection, Special Applications Kits or a Front Window Guard are required for some work. See your Bobcat dealer about Bobcat safety equipment for your machine.

SI ATT-0511

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