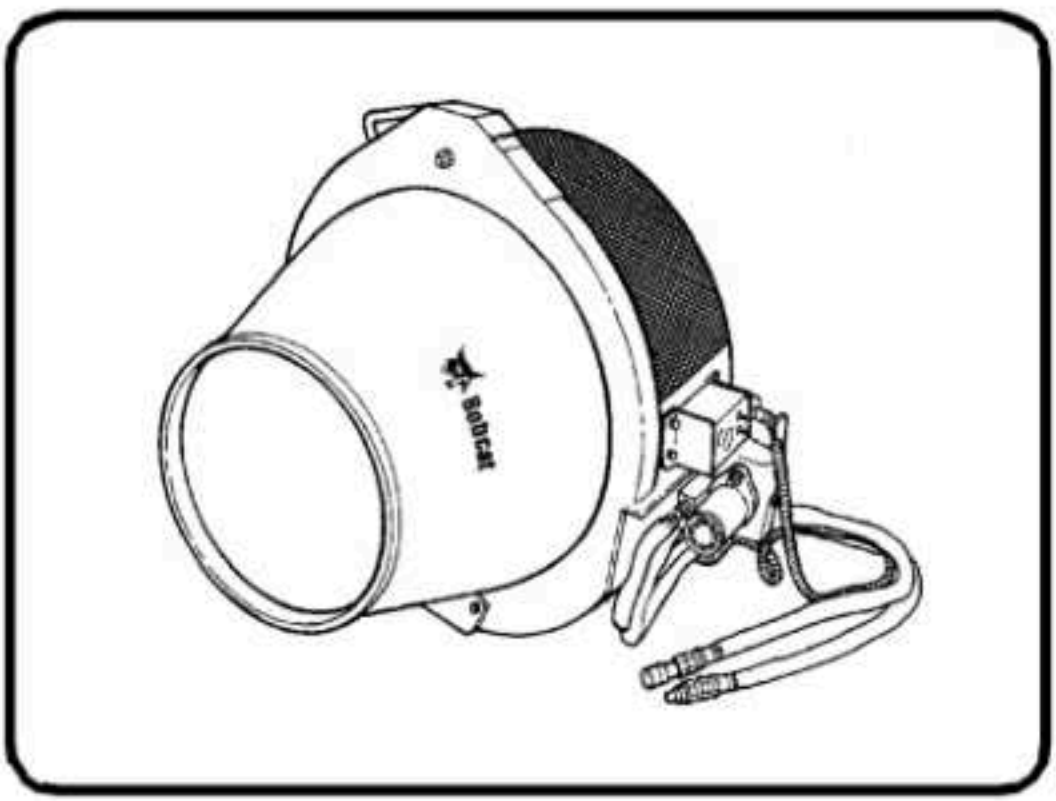
Bobcat

Operation & Maintenance Manual
Concrete Mixer

S/N 678500101 & Above
S/N A01600101 & Above



6900599 (9-05) Revised (12-07) (S)

Printed in U.S.A.

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REFERENCE INFORMATION

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

Concrete Mixer Serial Number _____

_____

_____

_____

NOTES:

_____

_____

_____

YOUR BOBCAT® DEALER:

ADDRESS:

_____

PHONE:

_____

Bobcat Company
P.O. Box 128
Gwinner, ND 58040-0128

Bobcat Company Europe
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 concrete mixer. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR concrete mixer. If you have any questions, see your Bobcat dealer.

BOBCAT COMPANY IS ISO 9001:2000 CERTIFIED V

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Control Functions (Cont'd)

Operating With The Remote Attachment Control (Cont'd)

Figure OI-52

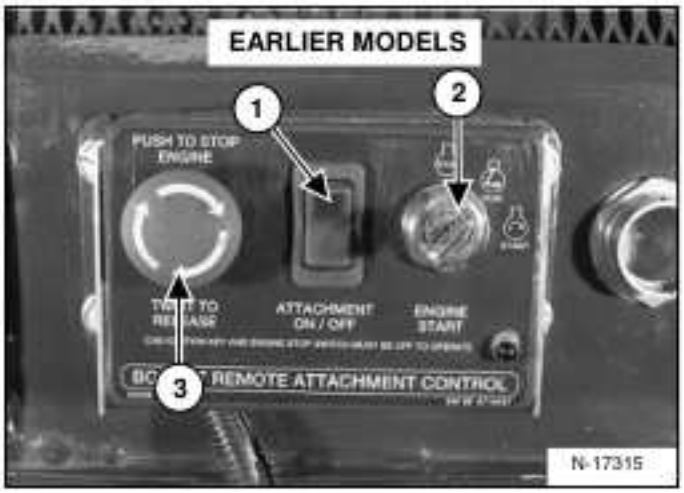
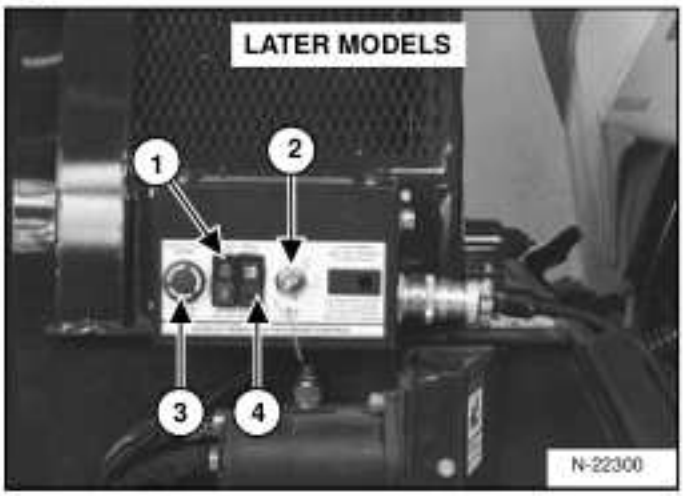


Figure OI-53



To start the mixer drum rotation, press the top of the attachment ON/OFF switch (Item 1) **[Figure OI-52]** or **[Figure OI-53]**. The mixer drum rotates immediately.

The top of the switch will be illuminated when the drum is rotating.

To stop the drum rotation, press the bottom of the attachment ON/OFF switch (Item 1) **[Figure OI-52]** or **[Figure OI-53]**.

To stop the loader engine, turn the key switch (Item 2) **[Figure OI-52]** or **[Figure OI-53]** counterclockwise to the OFF position or use the engine stop switch (Item 3) **[Figure OI-52]** or **[Figure OI-53]**.

IMPORTANT

If the engine stop switch is used to stop the loader 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-2188-0998

Turn the key switch (Item 2) **[Figure OI-52]** or **[Figure OI-53]** to the OFF position. Reset the engine stop switch (Item 3) **[Figure OI-52]** or **[Figure OI-53]** to the run position.

NOTE: If the RAC key switch is not in the OFF position or the RAC engine stop switch is not released, the loader key switch will not function.

Relieve hydraulic pressure. (See machine's Operation & Maintenance Manual and Operator's Handbook for correct procedure.

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LUBRICATING THE ATTACHMENT

Lubrication Locations

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

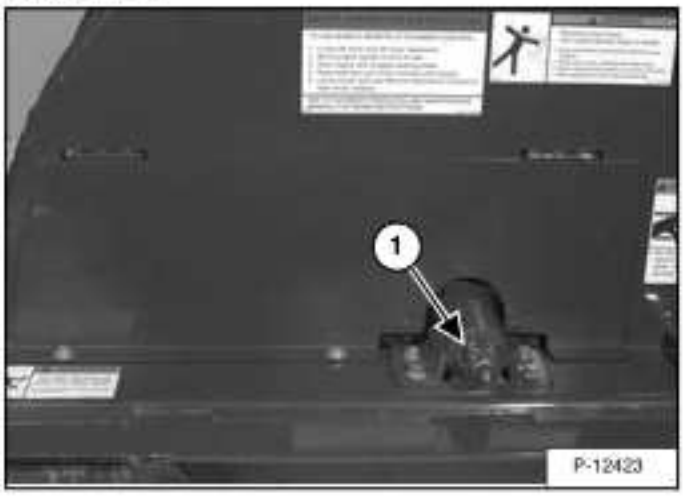
IMPORTANT

Fluid such as engine oil, hydraulic fluid, coolants, etc. must be disposed of in an environmentally safe manner. Some regulations require that certain spills and leaks on the ground must be cleaned in a specific manner. See local, state and federal regulations for the correct disposal.

I-2067-0395

Lubricate the following grease fitting. **EVERY 50 HOURS:**

Figure PM-1



Rear drum spindle (Item 1) **[Figure PM-1]**.

Lubricate the following grease fittings. **EVERY 8-10 HOURS:**

Figure PM-2

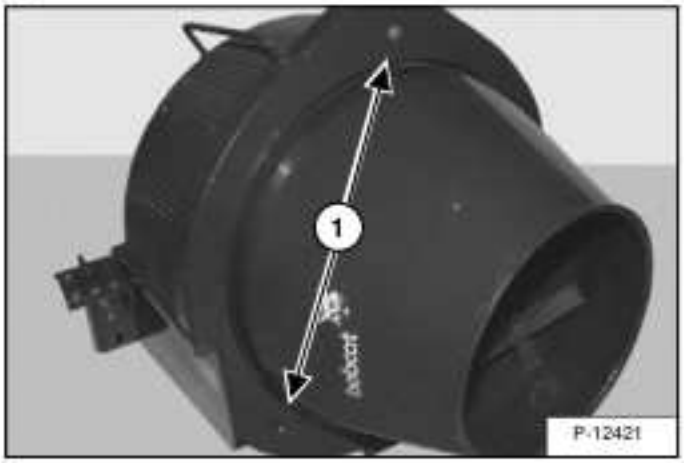
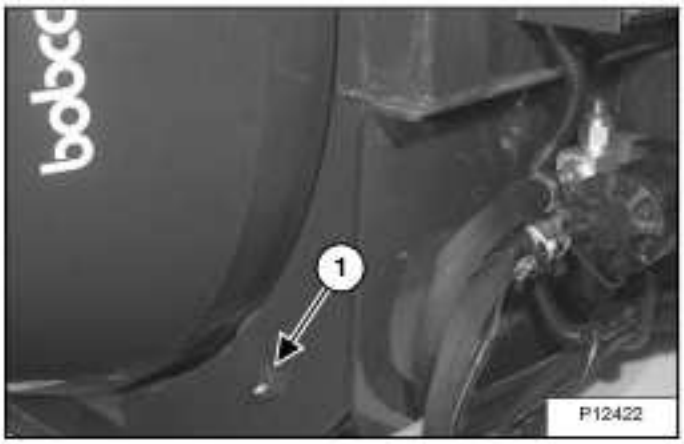


Figure PM-3



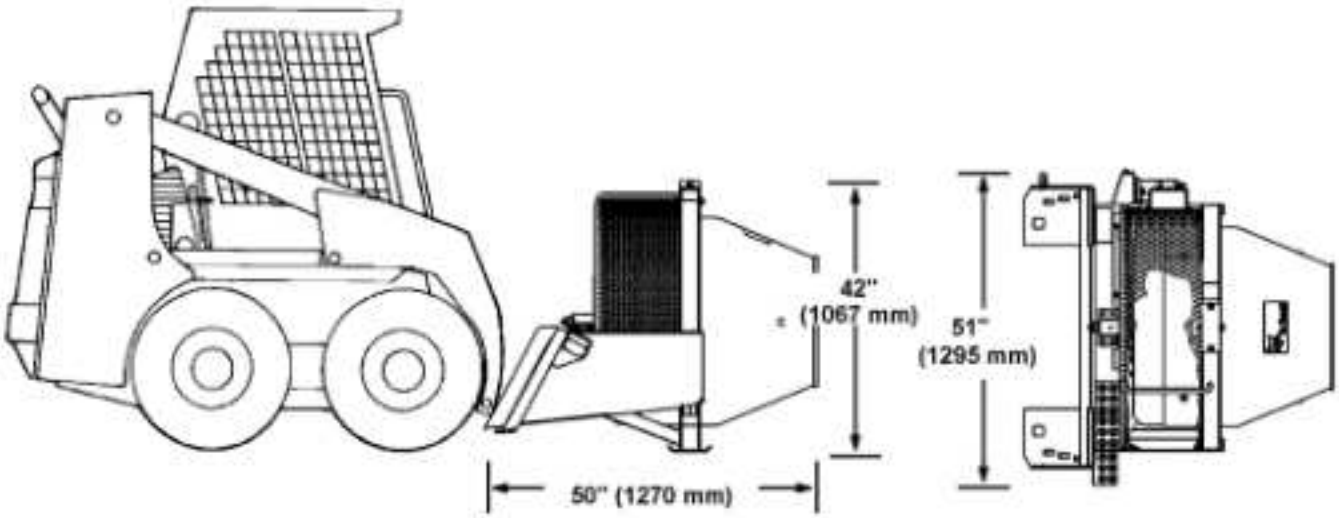
Drum wheels (3) (Item 1) **[Figure PM-2]** & **[Figure PM-3]**.

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CONCRETE MIXER ATTACHMENT SPECIFICATIONS (CONT'D)

Dimensions

- Dimensions are given for loader equipped with standard tires. Dimensions may vary with other types. All dimensions are shown in inches. Respective metric dimensions are given in millimeters enclosed by parentheses
- Where applicable, specifications conform to **SAE and ISO** standards and are subject to change without notice.



DESCRIPTION	(S/N 678500101 & Above)	(S/N A01600101 & Above)
Overall Attachment Width	49 in. (1244 mm)	51 in. (1295 mm)
Length	48 in. (1219 mm)	50 in. (1270 mm)
Height	41.5 in. (1054 mm)	42 in. (1067 mm)
Weight	590 lb. (268 kg)	430 lb. (195 kg)
Hydraulic Flow	9-20 GPM (34-76 L/min.)	9-20 GPM (34-76 L/min.)
Capacity	5.5 cu. ft. (0.16 cu. m)	9 cu. ft. (.25 cu. m)
Rotation	Bi-rotational	Bi-rotational
Chain	#50 STD Roller	#50 Std roller
Drum Speed	20 RPM @ 11 GPM (42 L/min.)	20 RPM @ 11 GPM (42 L/min.)

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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 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

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-1007

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