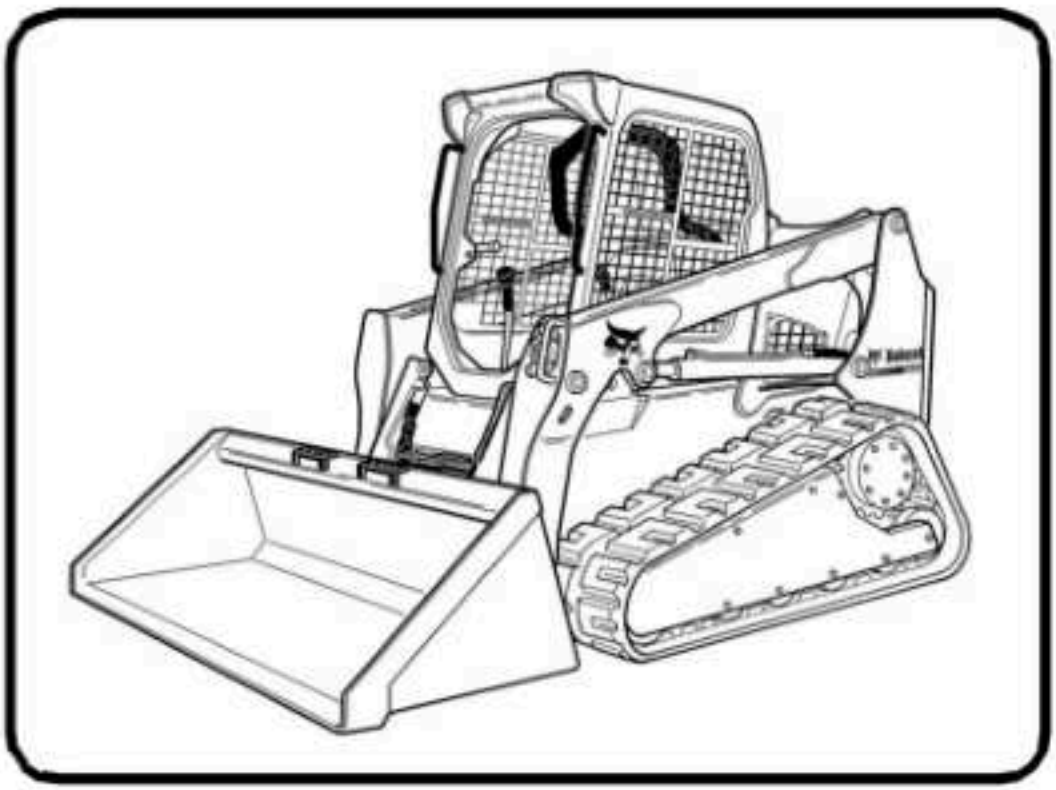
Bobcat®

Operation & Maintenance Manual
T630 Compact Track Loader

S/N A7PU11001 & Above



EQUIPPED WITH
BOBCAT INTERLOCK
CONTROL SYSTEM (BICS™)

6987163 (11-10) Revised (3-11) (10)

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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
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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 loader. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR BOBCAT LOADER. If you have any questions, see your Bobcat dealer. This manual may illustrate options and accessories not installed on your loader.

BOBCAT COMPANY IS IS0 9001 CERTIFIED 7

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SERIAL NUMBER LOCATIONS 8
- Loader Serial Number 8
- Engine Serial Number 8

DELIVERY REPORT 8

LOADER IDENTIFICATION 9

FEATURES, ACCESSORIES AND ATTACHMENTS 10
- Standard Items 10
- Options And Accessories 10
- Buckets Available 11
- Attachments 11
- High-Flow Attachments 11
- Special Applications Kit 12
- Special Applications Kit Inspection And Maintenance 12

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HYDRAULIC CONTROLS

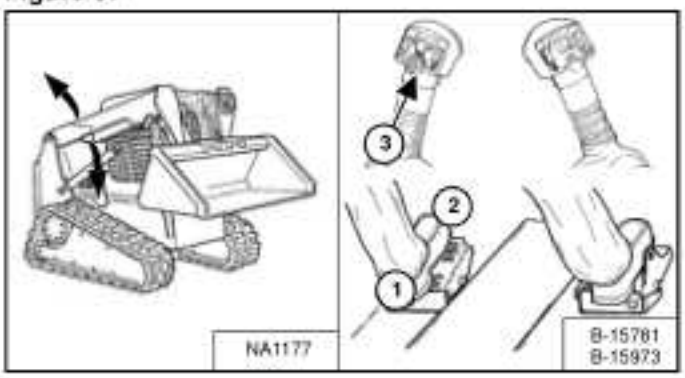
Description

Two foot pedals (or optional hand controls or optional joysticks) control the hydraulic cylinders for the lift and tilt functions.

Put your feet on the pedals (or footrests) and KEEP THEM THERE any time you operate the loader.

Standard Controls (Also ACS In FOOT Pedal Mode)

Figure 67



Lift Arm Operation - (Left Pedal)

Push the heel (Item 1) **[Figure 67]** of the pedal to raise the lift arms.

Push the toe (Item 2) **[Figure 67]** of the pedal to lower the lift arms.

Lift Arm Float Position - (Left Pedal)

Push the toe (Item 2) **[Figure 67]** of the pedal all the way forward until it locks into the float position.

Use the float position of the lift arms to level loose material while driving backward.

Raise the lift arms to disengage the float position.

Lift Arm Float Position (With ACS) - (Left Pedal And Left Handle)

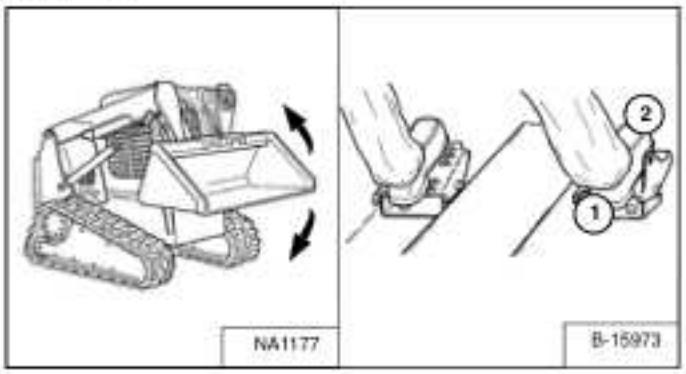
Press and hold the Float button (Item 3) **[Figure 67]**.

Push the toe (Item 2) **[Figure 67]** of the pedal forward to lower the lift arms. Then release the float button.

Use the float position of the lift arms to level loose material while driving backward.

Raise the lift arms to disengage the float position.

Figure 68



Tilt Operation - (Right Pedal)

Push the heel (Item 1) **[Figure 68]** of the pedal to tilt the bucket backward.

Push the toe (Item 2) **[Figure 68]** of the pedal to tilt the bucket forward.

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LUBRICATING THE LOADER

Lubrication Locations

Lubricate the loader as specified for the best performance of the loader. (See SERVICE SCHEDULE on Page 119.)

Record the operating hours each time you lubricate the Bobcat loader.

Always use a good quality lithium based multipurpose grease when you lubricate the loader. Apply the lubricant until extra grease shows.

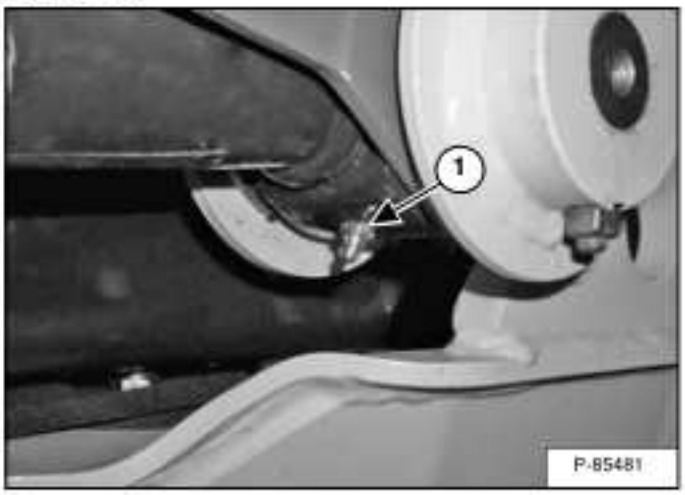
Remove attachment from the loader. (See Installing And Removing The Attachment (Hand Lever Bob-Tach) on Page 89.) ***OR*** (See Installing And Removing The Attachment (Power Bob-Tach) on Page 91.)

Tilt the Bob-Tach forward until it contacts the ground.

Stop the engine.

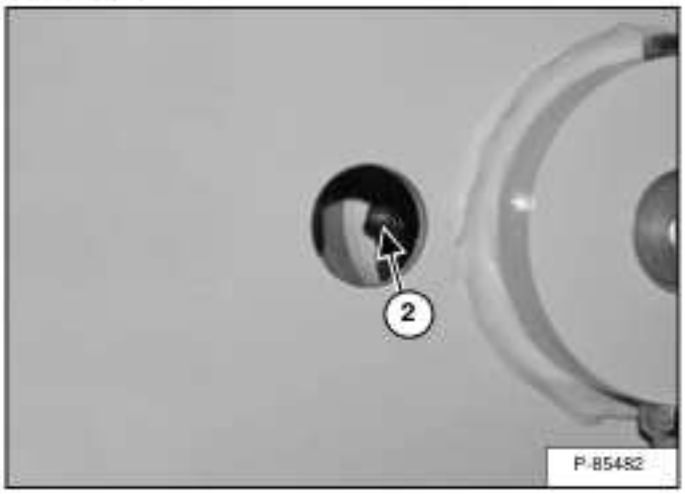
Lubricate the following:

Figure 294



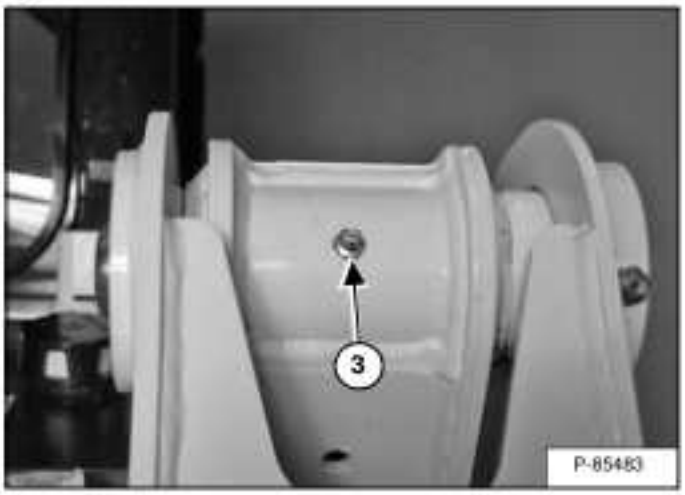
1. Rod End Lift Cylinder (Both Sides) (2) **[Figure 294]**.

Figure 295



2. Base End Lift Cylinder (Both Sides) (2) **[Figure 295]**.

Figure 296



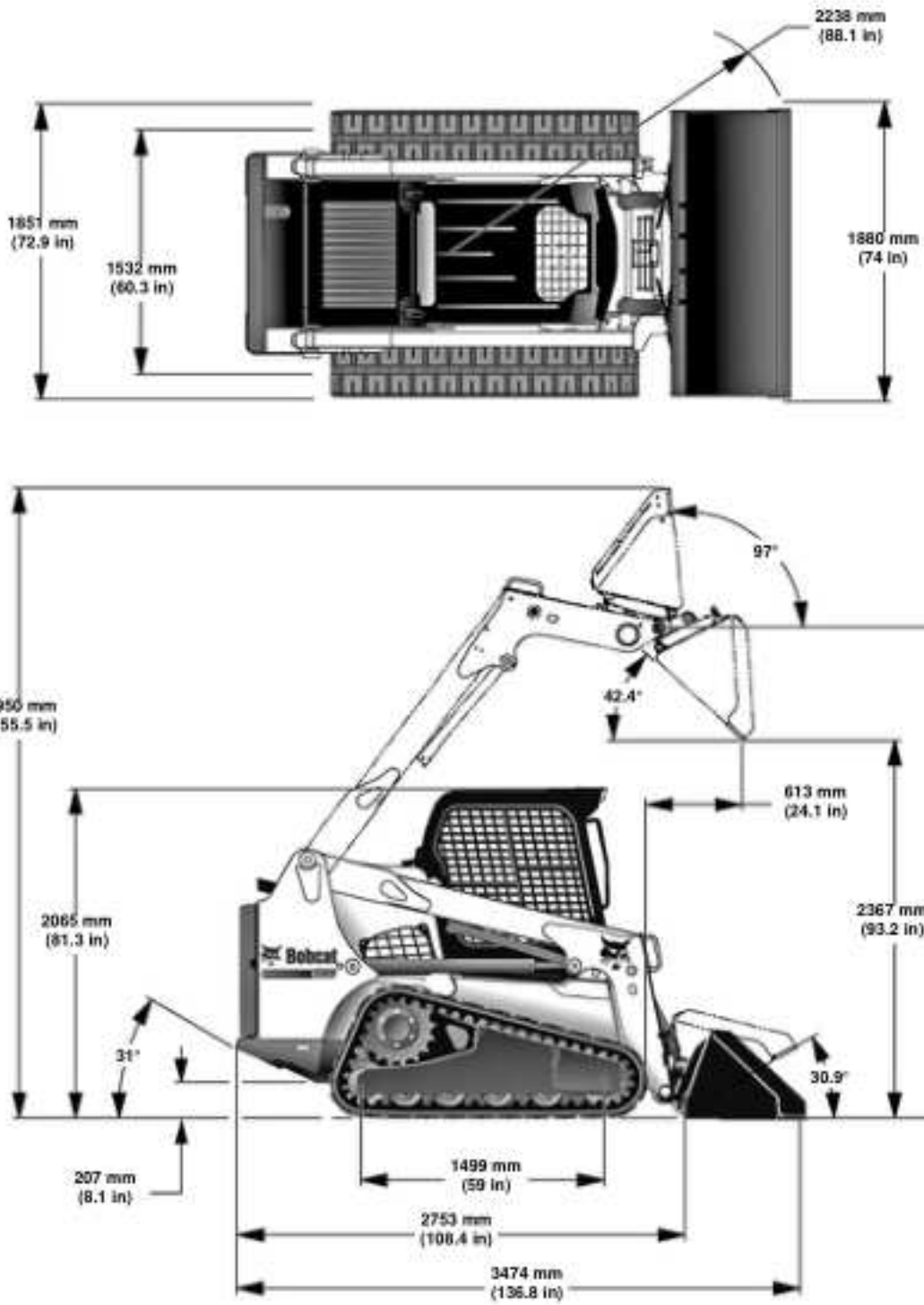
3. Lift Arm Pivot Pin (Both Sides) (2) **[Figure 296]**.

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(T630) LOADER SPECIFICATIONS

Machine Dimensions

- Dimensions are given for loader equipped with standard track and 74 in. Heavy Duty Construction & Industrial bucket and may vary with other bucket types. All dimensions are shown in millimeters. Respective imperial dimensions are given in inches enclosed by parentheses.
- Where applicable, specifications conform to SAE or ISO standards and are subject to change without notice.



Changes of structure or weight distribution of the loader can cause changes in control and steering response and can cause failure of the loader parts.

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No-Text Safety Signs (Cont'd)

3. High Pressure Gas (7169291)

This safety sign is located on the gas spring component(s) supporting the cab and also on the front door option.



WARNING

HIGH PRESSURE GAS CAN RELEASE ROD AND CAUSE SERIOUS INJURY OR DEATH

- **Do not open cylinder.**
- **See Service Manual for more information.**

W-2756-0908

4. Lift Arm Crushing (7170355)

This safety sign is located on certain hoses or tubelines inside the loader frame underneath the operator cab.



DANGER

AVOID DEATH

- **Disconnecting hydraulic lines can cause the lift arms or attachment to drop.**
- **Always use an approved lift arm support when lift arms are in a raised position.**

D-1008-0409

5. Flying Debris or Objects (7168039)

This safety sign is located on track loader undercarriages near the grease cylinder tensioning fittings.



WARNING

HIGH PRESSURE GREASE CAN CAUSE SERIOUS INJURY

- **Do not loosen grease fitting.**
- **Do not loosen bleed fitting more than 1 - 1/2 turns.**

W-2781-0109

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