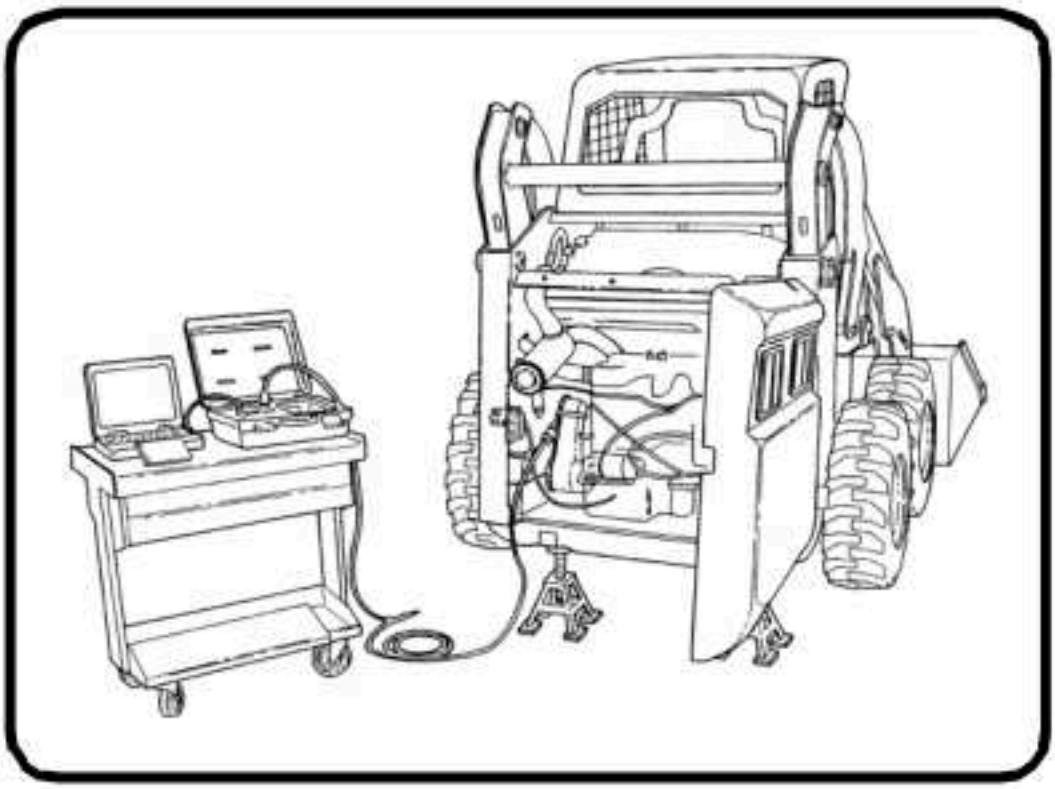
Bobcat®

Electrical System Service Manual
Loader



EQUIPPED WITH
BOBCAT INTERLOCK
CONTROL SYSTEM (BICS)

6900881 (1-08)

Printed in U.S.A.

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ALPHABETICAL INDEX

ACTUATOR TEST HARNESS 10-01

BOBCAT CONTROLLER 20-01

CONTROL PANEL SETUP 20-01

ELECTRICAL HARNESS 20-01
ELECTRICAL SYSTEM 20-01

GENERAL INSTRUCTION 10-01

INSTRUMENT PANEL IDENTIFICATIONS 20-01

MAINTENANCE CLOCK 20-01

PASSWORD SETUP 20-01

REMOTE START TOOL KIT-MEL1563 10-01
REMOTE START TOOL (SERIVCE TOOL)
KIT-6689779 10-01

SENSOR TESTER 10-01
SERVICE PC (LAPTOP COMPUTER) 10-01
SERVICE SOFTWARE
(ENTERING ANALYZER) 30-01
SERVICE SOFTWARE (MONITOR) 30-01
SERVICE SOFTWARE (WARNINGS) 30-01
SERVICE SOFTWARE
(DIAGNOSE/CALIBRATE) 30-01
SERVICE SOFTWARE
(INSTALLING KITS AND OPTIONS) 30-01
SERVICE SOFTWARE (PROGRAM/UPDATE) .. 30-01
SERVICE SOFTWARE (DOWNGRADE) 30-01
SERVICE SOFTWARE (OPTIONS) 30-01

TEST ADAPTER KIT 10-01

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CONTENTS

FOREWORD III

SAFETY INSTRUCTIONS V

LIFTING AND BLOCKING THE LOADER IX

LIFT ARM SUPPORT DEVICE X

OPERATOR CAB XI

BOBCAT LOADER IDENTIFICATION XIII

PRELIMINARY LOADER GLOSSARY OF TERMS XIV

TOOLS 10-01

GENERAL INFORMATION 20-01

SERVICE "PC" SOFTWARE 30-01

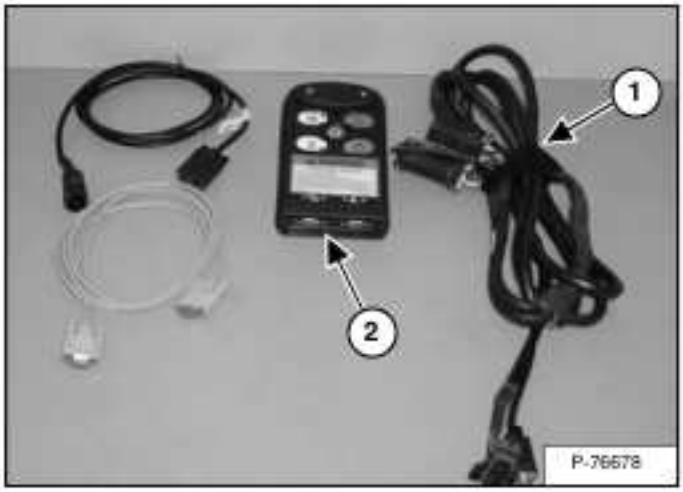
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REMOTE START TOOL (SERVICE TOOL) KIT - 6689779 (CONT'D)

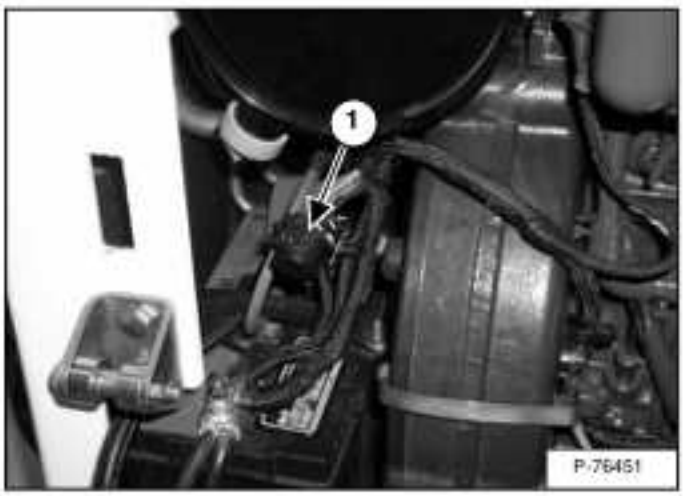
Loader Service Tool Harness - 6689747

Figure 10-21-3



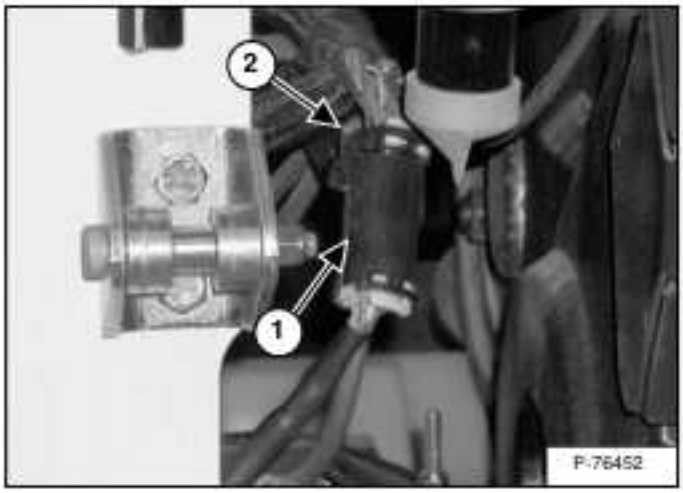
The loader service tool harness (Item 1) **[Figure 10-21-3]** is used to connect the remote start tool (service tool) (Item 2) **[Figure 10-21-3]** to the electrical system on the loader.

Figure 10-21-4



Loaders without an attachment control harness, remove the loader harness cap (Item 1) **[Figure 10-21-4]** and connect the Loader Service Tool Harness from the Remote Start Tool (Service Tool).

Figure 10-21-5



Loaders with an attachment control harness (7 pin or 14 pin), the attachment harness (Item 1) must be disconnected from the loader harness (Item 2) **[Figure 10-21-5]**.

When the remote start procedure is completed, replace the loader connector cap (Item 1) **[Figure 10-21-4]** or reconnect the attachment control harness to the loader harness **[Figure 10-21-5]**.

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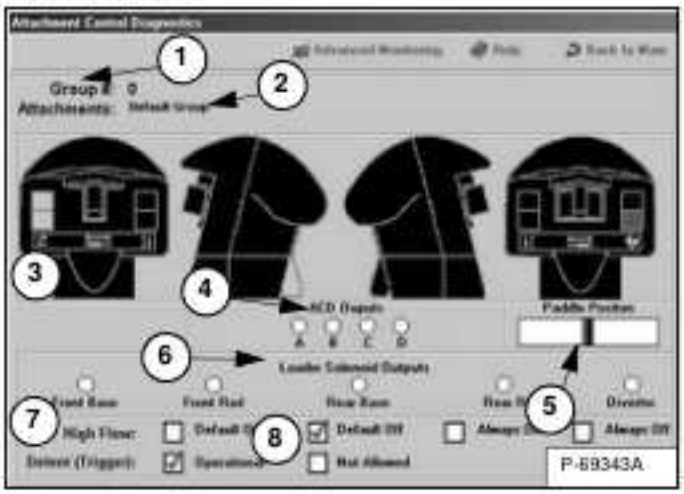
SERVICE SOFTWARE (DIAGNOSE/CALIBRATE) (CONT'D)

Reduced Function (ACD Mounted On Attachment Only)

The Attachment Control diagnostic screen can be used to troubleshoot issues with the Reduced Function ACD (equipped with four ACD outputs - A through D).

NOTE: If there is no ACD, the screen will appear similar to the below screen but there will be no ACD outputs shown and other screen differences.

Figure 30-13-5



Group # - (Item 1) **[Figure 30-13-5]** Indicates what attachment group the attachment belongs to.

Attachments - (Item 2) **[Figure 30-13-5]** List of attachments that may be connected based on the group number found.

Handles - (Item 3) **[Figure 30-13-5]** Indicates active handle switches. Switch will turn green if active. If switch is gray, that button is not available. The handles may vary depending upon the type of machine connected.

ACD Outputs - (Item 4) **[Figure 30-13-5]** Indicates which outputs are being commanded to turn on.

Paddle Position - (Item 5) **[Figure 30-13-5]** Indicates the position of the paddle.

Loader Solenoid Outputs - (Item 6) **[Figure 30-13-5]** Indicates which loader solenoid outputs are being commanded on.

High Flow - (Item 7) **[Figure 30-13-5]** Status of the high flow.

- Default On – High flow is default on (if equipped) when the auxiliaries are activated, but can be turned off by the operator.
- Default Off – High flow is default off when the auxiliaries are activated, but can be turned on (if equipped) by the operator.
- Always On – High flow is always on (if equipped) and cannot be turned off.
- Always Off – High flow is always off and cannot be turned on.

Continuous Flow - (Item 8) **[Figure 30-13-5]** Status of the detent trigger.

- Operation: Pressing the right trigger will activate constant hydraulic flow to the loader male coupler.
- Not Allowed: Constant flow is not allowed for this attachment. Pressing the detent trigger will have no effect as the ACD controller will not allow this action for this attachment.

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SAFETY INSTRUCTIONS

Safety Alert Symbol

This symbol with a warning statement means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows.

WARNING

Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual, Operator's Handbook and signs (decals) on machine. Follow warnings and instructions in the manuals when making repairs, adjustments or servicing. Check for correct function after adjustments, repairs or service. Untrained operators and failure to follow instructions can cause injury or death.

W-2003-0903

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

The following publications provide information on the safe use and maintenance of the Bobcat machine and attachments:

- The Delivery Report is used to assure that complete instructions have been given to the new owner and that the machine is in safe operating condition.
- The Operation & Maintenance Manual delivered with the machine or attachment contains operating information as well as routine maintenance and service procedures. It is a part of the machine and can be stored in a container provided on the machine. Replacement Operation & Maintenance Manuals can be ordered from your Bobcat dealer.
- Machine signs (decals) instruct on the safe operation and care of your Bobcat machine or attachment. The signs and their locations are shown in the Operation & Maintenance Manual. Replacement signs are available from your Bobcat dealer.
- An Operator's Handbook fastened to the operator cab. It's brief instructions are convenient to the operator. The handbook is available from your dealer in an English edition or one of many other languages. See your Bobcat dealer for more information on translated versions.
- The AEM Safety Manual delivered with the machine gives general safety information.
- The Service Manual and Parts Manual are available from your dealer for use by mechanics to do shop-type service and repair work.
- The Skid-Steer Loader Operator Training Course is available through your local dealer or at **www.training.bobcat.com** or **www.bobcat.com**. This course is intended to provide rules and practices of correct operation of the Skid-Steer Loader. The course is available in English and Spanish versions.
- Service Safety Training Courses are available from your Bobcat dealer or at **www.training.bobcat.com** or **www.bobcat.com**. They provide information for safe and correct service procedures.
- The Skid-Steer Loader Safety Video is available from your Bobcat dealer or at **www.training.bobcat.com** or **www.bobcat.com**.

SI SSL-1007 SM

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