

Tool Operating Manual

i06558493

NEHS1256 469-7607 Skid Assembly and 469-7608 Fork Lift Service Tool Assembly

SMCS Code: 0374; 0599; 0629; 0632; 0729; 4150; 4180; 7000; 7001

Hydraulic Shovel

- 6020B (S/N: DNR1-Up)
- 6030 (S/N: DHL1-Up)
- 6030 FS (S/N: DHG1-Up)
- 6040 (S/N: DHJ1-Up)
- 6040 FS (S/N: DHX1-Up)
- 6050 (S/N: DHM1-Up)
- 6050 FS (S/N: DH21-Up)
- 6060 (S/N: DHN1-Up)
- 6060 FS (S/N: DH31-Up)

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Introduction

European Union Compliant, CE Marked

Important Safety Information



Illustration 1

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Think Safety

Most accidents that involve product operation, maintenance, and repair are caused by failure to observe basic safety rules or precautions. An accident can often be avoided by recognizing potentially hazardous situations before an accident occurs. A person must be alert to potential hazards. This person should also have the necessary training, skills, and tools to perform these functions properly.

Improper operation, lubrication, maintenance, or repair of this product can be dangerous and could result in injury or death.

Do not operate, perform lubrication, maintenance, or repair on this product until you have read and understood the operation, lubrication, maintenance, and repair information.

Safety precautions and warnings are provided in this manual and on the product. If these hazard warnings are not heeded, bodily injury or death could occur to you or to other persons.

The hazards are identified by the Safety Alert Symbol and followed by a Signal Word such as “DANGER”, “WARNING”, or “CAUTION”. The Safety Alert “WARNING” label is shown below.

A non-exhaustive list of operations that may cause product damage are identified by “NOTICE” labels on the product and in this publication.

Caterpillar cannot anticipate every possible circumstance that might involve a potential hazard. The warnings in this publication and on the product are therefore, not all inclusive. If a tool, procedure, work method, or operating technique that is not recommended by Caterpillar is used, the operator must be sure that the procedures are safe. The operator must also be sure that the product will not be damaged or made unsafe by any unspecified procedures.

The information, specifications, and illustrations in this publication are based on information that was available at the time that the publication was written. The specifications, torque, pressures, measurements, adjustments, illustrations, and other items can change at any time. These changes can affect the service that is given to the product. Obtain the complete and most current information before you start any job.

When replacement parts are required for this product, Caterpillar recommends using Cat replacement parts or parts with equivalent specifications including, but not limited to physical dimensions, type, strength, and material.

Literature Information

This manual contains safety information, operation instructions, and maintenance information and should be stored with the tool group.

Some photographs or illustrations in this publication may show details that can be different from your service tool. Guards and covers might have been removed for illustrative purposes.

Continuing improvement and advancement of product design might have caused changes to your service tool, which are not included in this publication.

Whenever a question arises regarding your service tool or this publication, consult Dealer Service Tools (DST) for the latest available information.

Safety Section

The Safety Section lists basic safety precautions.

Read and understand the basic precautions listed in the Safety Section before operating or performing maintenance and repair on this service tool.

General Information Section

The General Information Section describes tooling functions and features. This section provides useful information on individual parts, extra tooling, and resources.

Operation Section

The Operation Section is a reference for the new operator and a refresher for the experienced operator.

Photographs and illustrations guide the operator through correct procedures for using the tool group.

Operating techniques outlined in this publication are basic. Skill and techniques develop as the operator gains knowledge of the service tool and tool capabilities.

Maintenance Section

The Maintenance Section is a guide to tool inspection, cleaning, storage, and tool disposal.

Safety Section

General Hazard

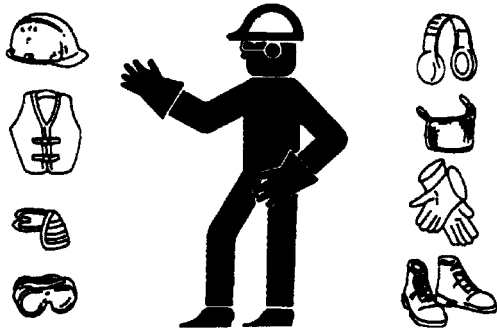


Illustration 2

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Information

Wear a hard hat, protective glasses, and other protective equipment, as required. Do not wear loose clothing or jewelry that can snag on controls or on other parts of the equipment. Make sure that all protective guards and all covers are secured in place on the equipment.

Know the appropriate work site hand signals and the personnel that are authorized to give the hand signals. Accept hand signals from one person only.

Obey all local regulations for the disposal of liquids.

Do not allow unauthorized personnel on the equipment.

Unless you are instructed otherwise, perform maintenance with the equipment in the servicing position. Refer to the Operation and Maintenance Manual for the procedure for placing the equipment in the servicing position.

Crushing Prevention and Cutting Prevention

Support the equipment properly before you perform any work or maintenance beneath that equipment. Do not depend on the hydraulic cylinders to hold up the equipment. Equipment can fall if a control is moved, or if a hydraulic line breaks.

Stay clear of all rotating and moving parts.

Safety Icon Nomenclature



Do not operate or work on this machine unless you have read and understand the instructions and warnings in the Operation and Maintenance Manuals. Failure to follow the instructions or heed the warnings could result in injury or death. Contact your Cat dealer for replacement manuals. Proper care is your responsibility.

Personal Protection/Important Information




-  Read the manual
-  Eye protection
-  Ear protection
-  Face protection
-  Inspect equipment

Illustration 3

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Personal Protection/Important Information

Hazard Avoidance

-  **Crushing Hazard (foot)**
-  **Crushing Hazard (hand)**
-  **Pinch Point**

Contact Information

For product support questions concerning this tool, contact the Dealer Service Tools hotline at:

USA: 800-542-8665, Option 1

International: 1-309-578-7372