
TECHNICAL MANUAL
OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
MANUAL
(INCLUDING REPAIR PARTS INFORMATION AND SUPPLEMENTAL MAINTENANCE
AND REPAIR PARTS INSTRUCTIONS)

TRACTOR, FULL TRACKED, LOW SPEED,
HEAVY DRAWBAR PULL, (SIZE T-11)
W/ANGLE DOZER, WINCH AND ROPS
CATERPILLAR MODEL D8K-8A-58 (CCE)

NSN 2410-00-574-7597

AND W/BULLDOZER (SEMI-U-TILT), RIPPER
AND ROPS CATERPILLAR MODEL D8K-8S-8 (CCE)
NSN 2410-00-574-7598

This copy is a reprint which includes current pages from Change 1.
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HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC, 30 June 1981

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AND GENERAL SUPPORT MAINTENANCE MANUAL
(INCLUDING REPAIR PARTS INFORMATION AND SUPPLEMENTAL
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FOR
TRACTOR, FULL TRACKED, LOW SPEED,
HEAVY DRAWBAR PULL, (SIZE T-1 1)
W/ANGLE DOZER, WINCH AND ROPS
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REPORTING OF ERRORS

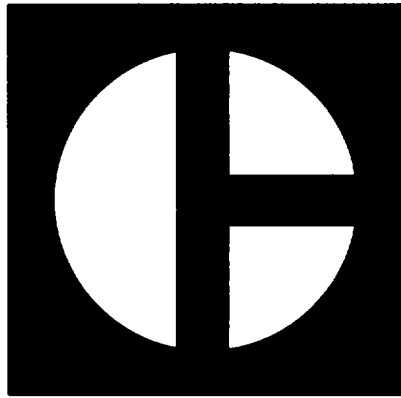
You can Improve this manual by recommending Improvements using DA Form 2028 (Recommended Changes to Publications and Blank Forms) or DA Form 2028-2 located in the back of this manual. Mail the form direct to Commander, US Army Tank-Automotive Command, ATTN: DRSTA-MBS, Warren, MI 48090. A reply will be furnished direct to you.

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VOLUME 11

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This technical manual is an authentication of the manufacturers' commercial literature and does not conform with the format and content specified in AR 310-3, Military Publications. This technical manual does, however, contain available Information that is essential to the operation and maintenance of the equipment.



OPERATOR'S GUIDE

D7G, D8K, D9H TRACTORS

**SERIAL
NUMBERS**

**64V1-UP
65V1-UP
66V1-UP
76V1-UP
77V1-UP
90V1-UP**

**91V1-UP
92V1-UP
44W1-UP
45W1-UP
72W1-UP**

FOREWORD

This guide is a reference for the new operator and a refresher for the experienced one. Read, study and keep it handy.

Illustrations help guide the operator through the correct procedures of checking, starting, operating and stopping the vehicle and attachments.

Operating techniques outlined in the guide are basic. Skill and techniques develop as the operator gains knowledge of the vehicle and its capabilities.

Your safety and the safety of others depends upon care and judgment in the operation of this vehicle. A careful operator is good insurance against an accident.

Some photographs in this publication may show details or attachments that may be different from your unit. Also, the Rollover Protective Structure (ROPS), for some photographs may have been removed for illustrative purposes.

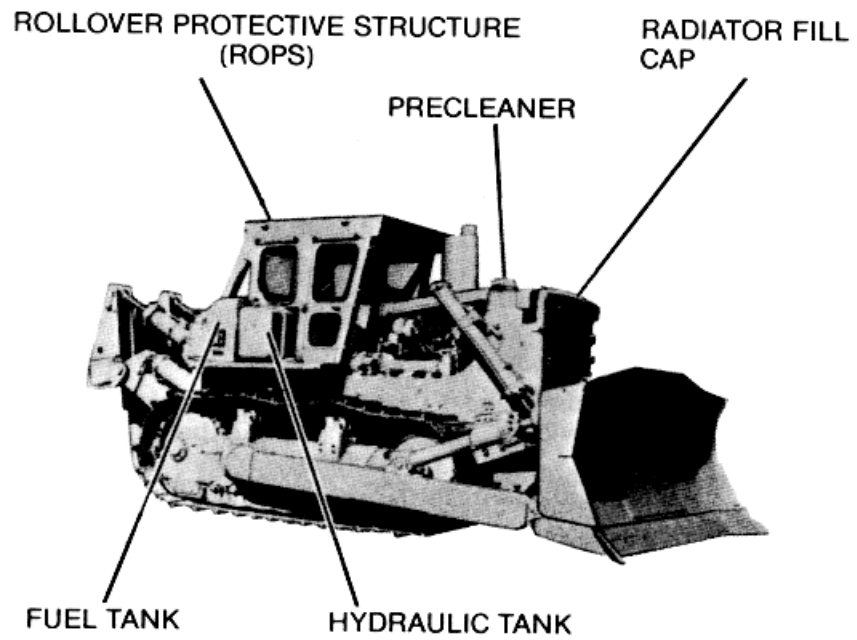
Continuing improvement and advancement of product design may cause changes to your machine which may not be included in this publication. Each publication is reviewed and revised, as required, to update and include these changes in later editions.

When a question arises regarding your Caterpillar product, or this publication, please consult your Caterpillar dealer for the latest available information.

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TRACTOR
General Locations



SAFETY



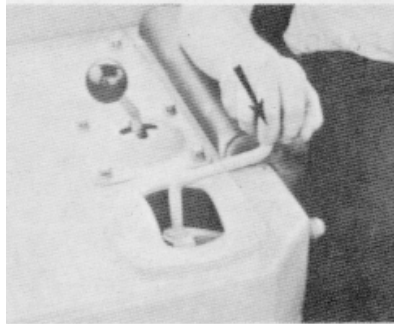
THIS SYMBOL WARNS OF POSSIBLE
PERSONAL INJURY

WARNING

To avoid possible weakening of this ROPS, consult a Caterpillar dealer before altering this ROPS in any way.

WARNING

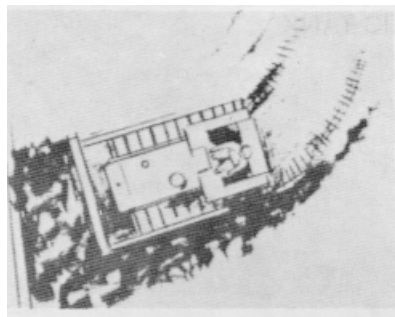
The protection offered by this ROPS will be impaired if it has been structurally damaged or has been involved in an overturn incident.



Lower or block equipment and stop engine before servicing.



Lower all equipment and set parking brake before leaving machine.



Stay safe distance from edge of cliff or overhang.

General

Clean steps, grab irons and operator's compartment.

Wear a hard hat, safety glasses and respirator as required by job conditions.

Do not wear loose clothing or jewelry that could catch on controls.

Report needed repairs.

Make sure clearance flags, lights and other required warnings are on machine when roading.

Know hand signals and who gives them.

Do not smoke while fueling machine or when near batteries.

Preparing to Operate

Clear all personnel from machine and surrounding area.

Clear obstacles from path of machine, note hazards such as wires and ditches.

Make certain all safety guards and covers are secured in place. Adjust seat and fasten seat belt before operating.

Move all controls to HOLD before starting engine

Move transmission to NEUTRAL and have brake lock engaged before starting engine

Start engine in a well ventilated area.

Testing Controls

Test all controls for proper operation.

Test right and left steering while moving slowly.

Test brakes.

Test function of safety de-vices such as lights and backup alarm.

Mounting and Dismounting

To park machine, lower blade to ground and apply down pressure, engage parking brake.

Stop engine before leaving the machine.

Do not jump off machine. Use steps and grab irons.

Do not allow riders on the machine

The operator must satisfy himself that no one will be endangered before, and while, backing the machine.

Observe all gauges frequently--investigate improper readings.

Know traffic pattern of the job and obey flagmen, road signs and signals.

Match speed with job conditions do not coast.

Carry blade close to ground

Know stopping distance of your machine at any given speed Regulate travel speed accordingly.

Operating

Stop machine frequently at night, walk around and inspect machine -- stay alert.

Road machine in forward direction, not reverse.

Stay clear of overhangs, electric wires, slide or other dangerous areas.

Use caution in crossing side hills, ridges, ditches, and other obstructions.

Use caution when working on hills, banks or slopes, to avoid tipping.

Stay a safe distance from edge of cliff or overhang.

Listen for unusual noises Report needed repairs noted during operation.

Shipping

For shipping instructions consult your Caterpillar dealer.