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Operation & Maintenance Manual

DG725



210M

DUMP TRUCK

SERIAL SUFFIX

BFA40DP THRU EP 24577 THRU 24647 A10609 THRU A10624



▲WARNING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read and understand this manual before operating or maintaining this machine. This manual should be kept in or near the machine for reference, and periodically reviewed by all personnel who will come into contact with it.



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Because of continuous research and development, periodic revisions may be made to this publication. Customers should contact their local distributor for information on the latest revision.

CALIFORNIA Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.

210M



KOMATSU

FOREWORD

This Manual is written for use by the operator and/or the service technician and is designed to help these persons to become fully knowledgeable of the truck and all its systems in order to keep it operating safely and efficiently.

All operators and maintenance personnel should read and understand the materials in this manual before operating the truck or performing maintenance and/or operational checks on the truck. All safety notices, warnings and cautions should be understood and followed when operating or accomplishing repairs on the truck.

The first section is an Introduction to the manual and contains a Table of Contents to locate specific areas of interest. Other sections include Safety, Operation, Maintenance, Specifications, and Optional Equipment.

The illustrations used in this manual are *TYPICAL* of the component shown and may not be an exact reproduction of what is found on the truck.

A product identification plate is located on the frame in front of the left side front wheel and designates the Truck Model Number, Product Identification Number (vehicle serial number), and Maximum G.V.W. (Gross Vehicle Weight) rating.

The HAULPAK[®] Model designation consists of three numbers and one letter (i.e. 210M). The three numbers represent the basic truck model. The letter "M" designates a Mechanical drive and the letter "E" designates an Electrical wheelmotor drive system.

The Product Identification Number (vehicle serial number) contains information which will identify the original manufacturing bill of material for this unit. This complete number will be necessary for proper ordering of many service parts and/or warranty consideration.

The Gross Vehicle Weight (GVW) is what determines the load on the drive train, frame, tires, and other components. The vehicle design and application guidelines are sensitive to the total maximum **Gross Vehicle Weight (GVW)** and this means the **TOTAL WEIGHT: the Empty Vehicle Weight + the fuel & lubricants + the payload**.

To determine allowable payload:

Service all lubricants for proper level and fill fuel tank of empty truck (which includes all accessories, body liners, tailgates, etc.) and then weigh truck.

Record this value and subtract from the GVW rating. The result is the allowable payload.

NOTE: Accumulations of mud, frozen material, etc. become a part of the GW and reduces allowable payload. To maximize payload and to keep from exceeding the GW rating, these accumulations should be removed as often as practical.

Exceeding the allowable payload will reduce expected life of truck components.

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This "ALERT" symbol is used with the signal words,
"CAUTION", "DANGER", and "WARNING" in this manual to alert the reader to hazards arising from
improper operating and maintenance practices.



"DANGER" identifies a specific potential hazard
WHICH WILL RESULT
in either INJURY OR DEATH
if proper precautions are not taken.



"WARNING" identifies a specific potential hazard
WHICH MAY RESULT
in either INJURY OR DEATH
if proper precautions are not taken.



"CAUTION" is used for general reminders of proper safety practices OR

to direct the reader's attention to avoid unsafe or improper practices which may result in damage to the equipment.

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Safety records of most organizations will show that the greatest percentage of accidents are caused by unsafe a	oto
of persons. The remainder are caused by unsafe mechanical or physical conditions. Report all unsafe conditions the proper authority. These safety rules are provided as a guide for the HAULPAK [®] operator. However, local conditions and regulations may add many more to this list.	s to ons
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