Operator's Manual



Rigid Dump Truck

Serial No.

HITACHI EH5000ACII 8RAAB: 8RAABN00001006 and Up

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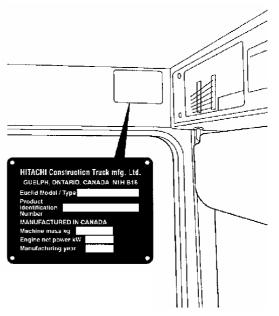
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MEMO	

The numbers asked for in this section are the individual numbers; model, product identification, serial, type and manufacturer given to each machine and major components. These numbers are requested when inquiring about replacement parts or machine service. Fill in the blank spaces in this section to immediately have them available upon request.

MACHINE TYPE AND SERIAL NUMBER

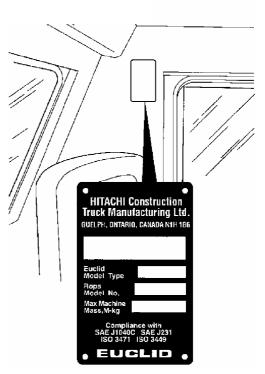
PRODUCT	
MODEL	
NUMBER:	
PRODUCT	
IDENTIFICATION	
NUMBER.	



EL20456

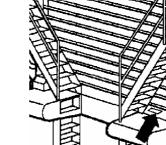
ROLLOVER PROTECTIVE STRUCTURE NAMEPLATE

HITACHI
MODEL
TYPE:______
ROPS
MODEL
NUMBER:_____
MAX
MACHINE
MASS, M-kg:_____



EL20475

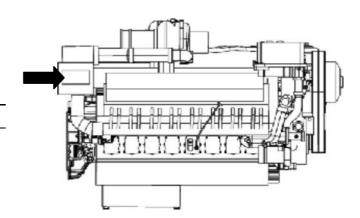
FRAME PRODUCT IDENTIFICATION NUMBER



L20210

MTU DETROIT DIESEL DATA TAG

TYPE:______

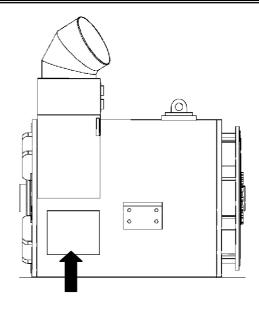


LEFT WHEEL MOTOR DATA TAG	Inside Axle
TYPE:	
MFG. NO.:	
RIGHT WHEEL MOTOR DATA TAG	Inside Axle
TYPE: MFG. NO.:	
LEFT SPINDLE ASSEMBLY DATA TAG	•
TYPE: MFG. NO.:	
RIGHT SPINDLE ASSEMBLY DATA TAG	
TYPE:	Outside Flange

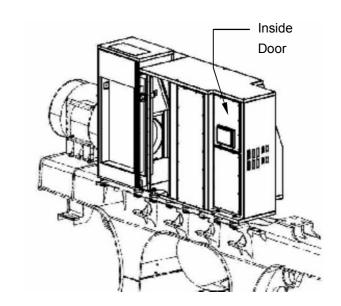
MFG. NO.:

TRACTION ALTERNATOR DATA TAG

TYPE:	
MFG. NO.:	



TRACTION CONTROL CABINET DATA TAG



RECOGNIZE SAFETY INFORMATION

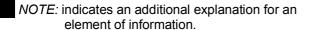
SAFETY ALERT SYMBOL

- This symbol, which will appear at various points in the manual and on the rigid dump truck together with a warning statement, means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows. It is the obligation of the operator to make sure that all warning decals are in place on the rigid dump truck and that they are readable. Accidents may otherwise occur.
- Follow recommended precautions and safe operating practices.
- Every country (Jurisdiction) has its own safety regulations. It is the obligation of the operator to know and follow these. This also applies to local regulations covering different types of work. Should the recommendations in this manual deviate from those of your country (Jurisdiction), your local safety regulations should be followed.



UNDERSTAND SIGNAL WORD

- On the rigid dump truck safety signs, signal words designating the degree or level of hazard – DANGER, WARNING, or CAUTION – are used with the safety alert symbol.
 - DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
 - WARNING indicates a potential hazardous situation which, if not avoided, could result in death or serious injury.
 - CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
 - DANGER or WARNING safety signs are located near specific hazards. General precautions are listed on CAUTION safety signs.
- These signal words also call attention to safety messages in this manual.
- To avoid confusing rigid dump truck protection with personal safety messages, a signal word IMPORTANT indicates a situation which, if not avoided, could result in damage to the rigid dump truck.





OPERATOR'S QUALIFICATIONS

- Only trained personnel should operate the rigid dump truck.
- Operator should be of legal rigid dump truck operating age according to country (Jurisdiction) regulations and familiar with the operation and maintenance of the rigid dump truck.
- Operator must be licensed if required by National Rules and Regulations.

DUTIES OF THE OPERATOR

- Before you operate the rigid dump truck, this manual must be read and understood. Contact your supervisor if you do not understand any portion of this manual. By reading and understanding the manual, you will become aware of and observe how to avoid injury and damage.
- Know the work area and the company rules and regulations
- Never operate the rigid dump truck while under the influence of alcohol, medicine or other drugs.

Due to the position of the cab and size of the rigid dump truck, the operator has limited visibility to areas close to or near the rigid dump truck. No person should enter the operating area of the rigid dump truck when it is in operation without first notifying the operator. If a person has to enter the operating area of the rigid dump truck, they should signal the operator and wait for an acknowledgement of recognition by the operator.

During rigid dump truck operation no one should be allowed to get any closer than 7m (23 ft.) of the rigid dump truck. Any closer will limit one's time to react and move away from the vehicle when it starts.

INSPECT RIGID DUMP TRUCK

- Inspect your rigid dump truck carefully each day or shift by walking around it before you start it to avoid personal injury.
 - Be sure to cover all points described under "INSPECT RIGID DUMP TRUCK DAILY BEFORE STARTING" found in the OPERATING THE ENGINE section in this operator's manual.



SA-435

FOLLOW SAFETY INSTRUCTIONS

- Carefully read and follow all safety signs on the rigid dump truck and all safety messages in this manual.
- Safety signs should be installed, maintained and replaced when necessary.
 - If a safety sign or this manual is damaged or missing, order a replacement from your authorized Hitachi dealer in the same way you order other replacement parts (be sure to state rigid dump truck model and serial number when ordering).
- Learn how to operate the rigid dump truck and its controls correctly and safely.
- Allow only trained qualified, authorized personnel to operate the rigid dump truck.
- Keep your rigid dump truck in proper working condition.
 - Unauthorized modifications of the rigid dump truck may impair its function and/or safety and affect rigid dump truck life.
- The safety messages in this SAFETY chapter are intended to illustrate basic safety procedures of rigid dump trucks. However it is impossible for these safety messages to cover every hazardous situation you may encounter. If you have any questions, you should first consult your supervisor and/or your authorized Hitachi dealer before operating or performing maintenance work on the rigid dump truck.



SA-00

PREPARE FOR EMERGENCIES

- Be prepared if a fire starts or if an accident occurs.
 - It is recommended that a first aid kit and fire extinguisher be kept on hand.
 - Thoroughly read and understand the label attached on the fire extinguisher to use it properly.
 - To ensure that a fire extinguisher can be always used when necessary, check and service the fire extinguisher at the recommended intervals as specified in the fire-extinguisher manual.
 - Establish emergency procedure guidelines to cope with fires and accidents.
 - Keep emergency numbers for doctors, ambulance service, hospital, and fire department posted near your telephone.



SA-437

WEAR PROTECTIVE CLOTHING

• Wear close fitting clothing and personal protective safety equipment (PPE) appropriate to the job.

You may need:

A hard hat

Safety shoes

Safety glasses, goggles, or face shield

Heavy gloves

Hearing protection

Reflective clothing

Wet weather gear

Respirator or filter mask.

Be sure to wear the correct equipment and clothing for the job. Do not take any chances.

- Avoid wearing loose clothing, jewelry, or other items that can catch on control levers or other parts of the rigid dump truck.
- Operating equipment safely requires the full attention of the operator. Do not wear radio or music headphones while operating the rigid dump truck.



SA-438

PROTECT AGAINST NOISE

- Prolonged exposure to loud noise can cause impairment or loss of hearing.
 - Wear a suitable hearing protective device such as ear muffs or ear plugs to protect against objectionable or uncomfortably loud noises. This may be necessary when working outside of the cab during the Pre-Operation Inspection, for example.



SA-434

PROTECT AGAINST FLYING DEBRIS

- If flying debris hit eyes or any other part of the body, serious injury may result.
 - Guard against injury from flying pieces of metal or debris; wear goggles or safety glasses.



SA-432

GENERAL PRECAUTIONS FOR CAB

- Before entering the cab, thoroughly remove all dirt and/or oil from the soles of your work boots. If any controls such as a pedal are operated with dirt and/or oil on the soles of the operator's work boots the operator's foot may slip off the pedal, possibly resulting in a personal accident.
- Don't leave parts and/or tools lying around the operator's seat. Store them in their specified locations.
- Avoid storing transparent bottles in the cab. Don't attach any transparent type window decorations on the windowpanes as they may focus sunlight, possibly starting a fire.
- Refrain from listening to a radio or music with headphones or mobile telephones in the cab while operating the rigid dump truck.
- Keep all flammable objects and/or explosives away from the rigid dump truck.
- After using the ashtray, always cover it to extinguish the match and/or tobacco.
- Don't leave cigarette lighters in the cab. When the temperature in the cab increases, the lighter may explode.
- When operating the rigid dump truck, both doors should be closed at all times.

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