

Shop Manual

KOMATSU HYDRAULIC BREAKER

Serial numbers

JMHB670V-1

51000 ~



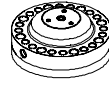
This shop manual is for a hydraulic breaker.
For the operation of excavators, please refer to
the shop manual for the excavator being used.

NOT RESPECTING THESE RECOMMENDATIONS
RULES CAN CAUSE DAMAGES OR CORPOREAL
ACCIDENTS FOR WHICH THE CONSTRUCTOR
"KOMATSU" WILL NOT BE RESPONSIBLE.

KOMATSU



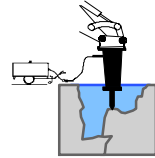
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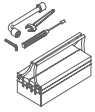
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38 - 23



153 - 128



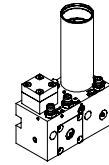
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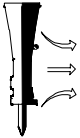
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159 - 132



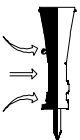
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63 - 73



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111 - 123

FOREWORD, SAFETY

Foreword, Safety and general information

Important safety notice

- Appropriate servicing and repair are extremely important to ensure safe operation of the machine. The shop manual describes the effective and safe servicing and repair methods recommended by Komatsu. Some of these methods require the use of the special tools designed by Komatsu for the specific purpose.
- The symbol mark  is used for such matters that require special cautions during the work. The work indicated by the caution mark should be performed according to the instructions with special attention to the cautions. Should a hazardous situation occur or be anticipated during such work, be sure to keep safe first and take every necessary measure.

Safety points

- Good arrangement of work area and equipment
- Correct work clothes
- Observance of work standard
- Practice of making and checking signals
- Prohibition of operation and handling by unlicensed workers
- Safety check before starting work
- Wearing protective goggles (for cleaning or grinding work)
- Wearing protective goggles and protectors (for welding work)
- Good physical condition and preparation
- Precautions against work which you are not used to or you are accustomed to.

General precautions

Inappropriate handling causes an extreme danger. Read and understand what is described in the operation and maintenance manual before operating the machine. Read and understand what is described in this manual before starting the work.

- Before performing any greasing or repairs, read all the safety labels stuck to the machine. For the locations of the safety labels and detailed explanation of precautions, see the operation and maintenance manual.
 - Locate a place in the repair workshop to keep the tools and parts in their correct places. Always keep the work area clean and make sure that there is no dirt, water or oil on the floor. Smoke only in the areas provided for smoking. Never smoke while working.
 - When performing any work, always wear safety shoes and helmet. Do not wear loose work clothes, or clothes with buttons missing.
1. Always wear protective eyeglasses when hitting parts with a hammer.
 2. Always wear protective eyeglasses when grinding parts with a grinder, etc.
- When performing any work with 2 or more workers, always agree on the working procedure.

- When performing any operation with multiple workers, always agree on the operating procedure before starting. Be clear in verbal communication, and observe hand signals. Hang "UNDER REPAIR" warning tag in the operator's compartment before starting work.
- Only qualified workers any perform the work and operation which require any license or qualification.
- Keep the tools in good condition. And learn the correct way to use the tools, and use the proper tools for the work. Before starting the work, thoroughly check the tools, lift truck, service vehicle, etc.
- If welding repairs are required, always have a trained and experienced welder with good knowledge of welding perform the work. When performing welding work, always wear welding gloves, apron, shielding goggles, cap, etc.
- Before starting work, warm up your body thoroughly to start work under in good condition.
- Avoid continuing work for long hours and take rests with proper intervals to keep your body in good condition. Take rest breaks in a specified place.

Preparation

- Before adding oil or making any repairs, place the machine on firm and level ground, and apply the parking brake and chock the wheels or tracks to prevent the machine from moving.
- Before starting work, lower the work equipment (blade, ripper, bucket, etc.) to the ground. If it is not possible to lower the equipment to the ground, insert the lock pin or use blocks to prevent the work equipment from falling. And be sure to lock all the work equipment control levers and hang a warning tag on them.
- When performing the disassembling or assembling work, support the machine securely with blocks, jacks, or stands before starting the work.
- Remove all of mud and oil from the steps or other places used to get on and off the machine completely. Always use the handrails, ladders of steps when getting on or off the machine. Never jump on or off the machine. When the scaffold is not provided, use steps or stepladder to secure your footing.

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<https://shopservicemanual.com/>

Service Manuals from 2\$