Operation & Maintenance Manual

TEN00068-00

avance LOADER

WA900-3

WHEEL LOADER

SERIAL NUMBERS WA900-50009 and up

WARNING

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

NOTICE

Komatsu has Operation & Maintenance Manuals written in some other languages. If a foreign language manual is necessary, contact your local distributor for availability.

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12.9 OPERATION OF WORK EQUIPMENT

Lift arm control lever ① and bucket control lever ② can be used to operate the lift arm and bucket as follows.



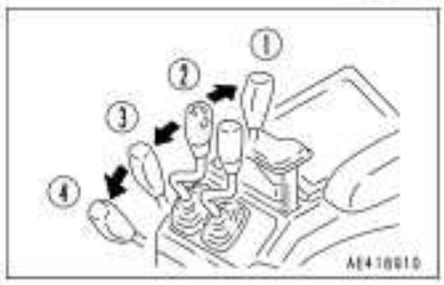
LIFT ARM OPERATION (LEVER ①)

① Raise ( )

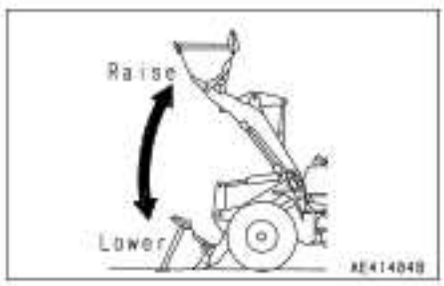
② Hold ( ) The lift arm is kept in the same position.

③ Lower ( )

④ Float ( ): The lift arm moves freely under external force.



When the lift arm control lever is pulled further from the raise position, the lever is stopped in this position until the lift arm reaches the preset kick-out position, and the lever is return to the hold position.



NOTICE

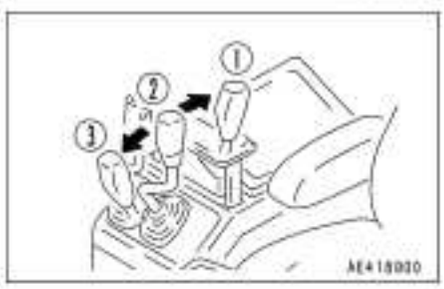
Do not use the FLOAT position when lowering the bucket.

BUCKET OPERATION (LEVER ②)

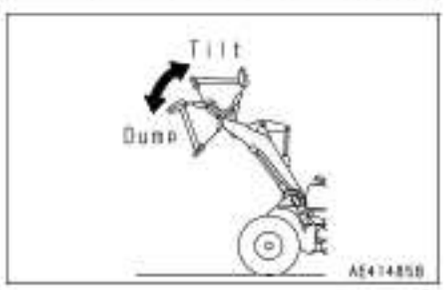
① Tilt ( )

② Hold ( ): The bucket is kept in the same position.

③ Dump ( )

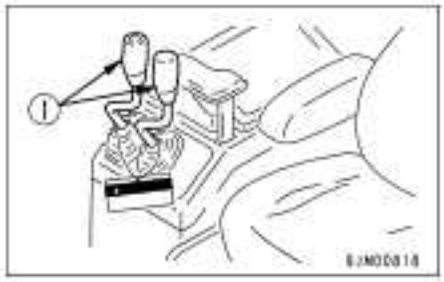


When the bucket control lever is pulled further from the tilt position, the lever is stopped in this position until the bucket reaches the preset position of the positioner, and the lever is return to the hold position.



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24.5 EVERY 100 HOURS SERVICE



⚠WARNING

Be sure to put a warning tag on work equipment control levers ①.

Maintenance for every 50 hours should be carried out at the same time.

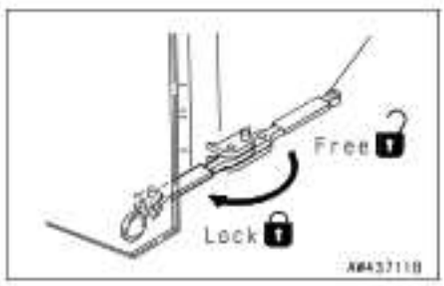
24.5.1 LUBRICATING



⚠WARNING

- **Apply the parking brake, and lock the front and rear frames with the safety bar and pin.**
- **Set the work equipment in a stable condition, then stop the engine and apply the locks securely to the work equipment control levers.**

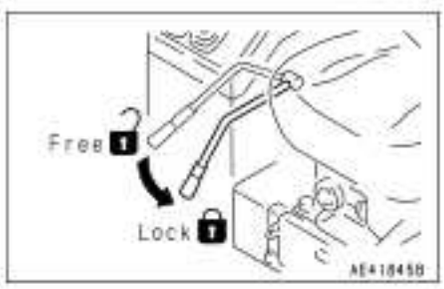
1. Using a grease pump, pump in grease through the grease fittings marked by the arrows.



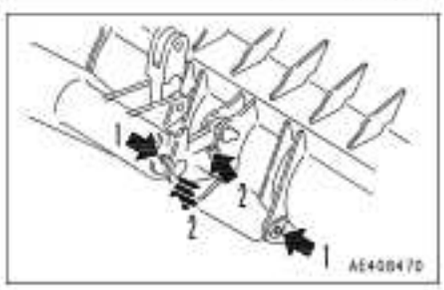
2. After greasing, wipe off any old grease that is pushed out.

NOTICE

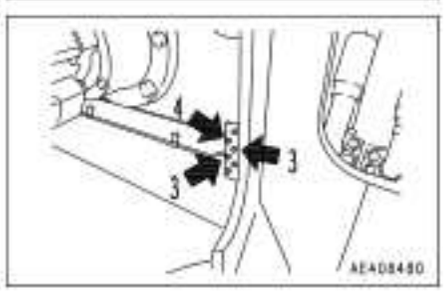
In the extremely hard working conditions, grease the following pins ① through ⑥ every 10 hours of operation or daily, whichever way is deemed appropriate.



1. Bucket pin (2 points)
2. Bucket link pin (2 points)



3. Lift arm hinge pin (2 points)
4. Bucket cylinder pin (2 points)
5. Tilt lever pin (1 point)



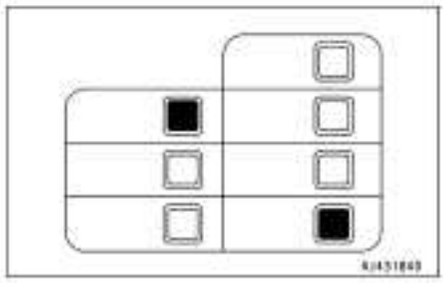
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5) When using the displays in the remaining value display portion ① and load weight display portion ② to adjust the load in the bucket when loading the dump truck and an amount in excess of the target production is loaded, print out the data. If the amount remaining inside the bucket is not necessary and is thrown away, press the cancel switch on the bucket control lever. Remaining value display portion ① will change to the target production.



The data can be canceled using the cancel switch only while the weight of the load in the bucket is being displayed in load weight display portion ② (approx. 15 seconds).

6) If an amount exceeding the production amount has been loaded, and the boom is raised with the load still in the bucket without printing out the data, this action will be taken as an abnormality, and "---" will flash in load weight display portion ②, and the buzzer will sound intermittently.
In this condition, the measurement is not carried out, so press the figures, sub-total switch and load meter switch at the same time for at least 2 seconds to display the target production in remaining value display portion ① and 0 tons in load weight display portion ②.



In this condition, raise the boom again.

7) Two types of output mode can be selected for printing out the load meter.
Mode A: Each individual weighed load is printed out.
Mode B: Only the sub-total load and total number of loads are printed out.
For details of the method of switching between mode A and mode B, see "36.3.5 OPERATION RECORD MODE".

An example of the load meter print out is shown below.

```
WA□□□-3   #□□□□□
  □□Y□□M□□D     □□:□□

□ MATERIAL
□TIMES □□. □□TON   □TIMES □□. □□TON
TOTAL      □□. □□TON

□ MATERIAL
□TIMES □□. □□TON   □TIMES □□. □□TON
□TIMES □□. □□TON
TOTAL      □□. □□TON

□ MATERIAL
□TIMES □□. □□TON   □TIMES □□. □□TON
□TIMES □□. □□TON   □TIMES □□. □□TON
TOTAL      □□. □□TON

□ MATERIAL
□TIMES □□. □□TON   □TIMES □□. □□TON
□TIMES □□. □□TON   □TIMES □□. □□TON
□TIMES □□. □□TON
TOTAL      □□. □□TON

□ MATERIAL
□TIMES □□. □□TON   □TIMES □□. □□TON
□TIMES □□. □□TON   □TIMES □□. □□TON
□TIMES □□. □□TON   □TIMES □□. □□TON
TOTAL      □□. □□TON
```

```
WA□□□-3   #□□□□□
  □□Y□□M□□D     □□:□□

□ MATERIAL    □TIMES □□. □□TON
□ MATERIAL    □TIMES □□. □□TON
□ MATERIAL    □TIMES □□. □□TON
□ MATERIAL    □TIMES □□. □□TON

TOTAL         □TIMES □□. □□TON
```

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