TEN00176-04

Operation & Maintenance Manual

WHEEL LOADER **WA470-6**

SERIAL NUMBERS 85001 and up

ecot3

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.

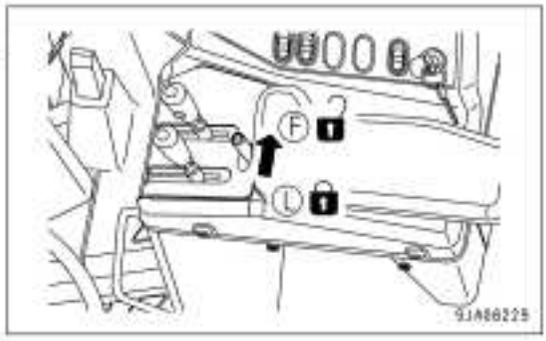
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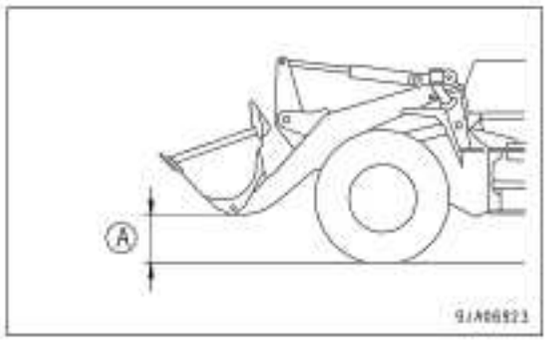
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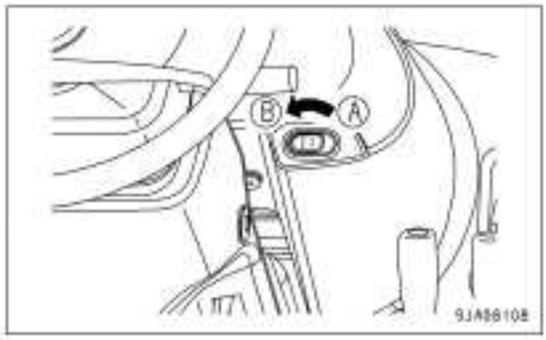
2. Check that the bucket control lever (2) and lift arm control lever (3) is at the HOLD position, then set the work equipment lock lever (4) to the FREE position (F).



3. Operate lift arm control lever (3) to set the work equipment to the travel posture shown in the diagram on the right.
(A): 40 - 50 cm (16 - 20 in)

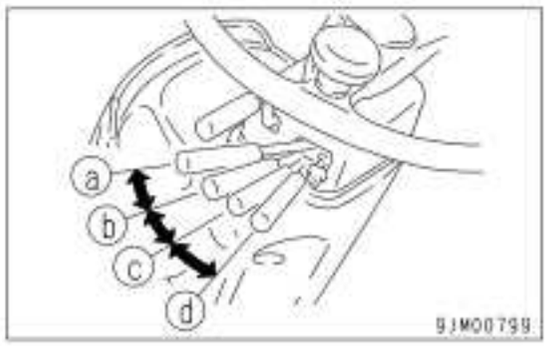


4. Depress right brake pedal (5) and turn parking brake switch (6) to the OFF position (B) to release the parking brake.
Keep right brake pedal (5) depressed.

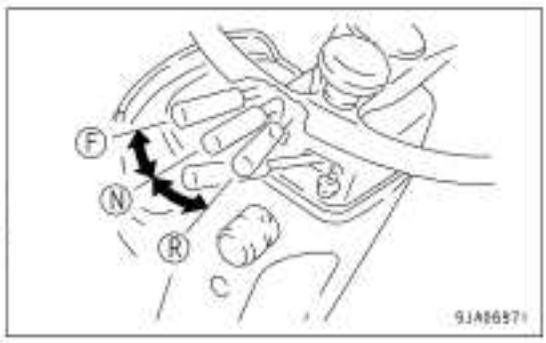


REMARK
If the parking brake is still actuated when parking brake switch (6) is at the OFF position (B), turn the parking brake switch ON position (A), then turn it OFF position (B) again.

5. Set gearshift lever (7) to the desired position.
Position (a): 1st
Position (b): 2nd
Position (c): 3rd
Position (d): 4th



6. Set directional lever (8) to the desired position.
Position (F): Forward
Position (N): Neutral
Position (R): Reverse



- Check that the backup alarm sounds when the directional lever is set to REVERSE. If the backup alarm does not sound, please contact your Komatsu distributor for repairs.

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MAINTENANCE SCHEDULE CHART

MAINTENANCE SCHEDULE CHART

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(D) Setting seat for weight
Pull lever (3) up fully (pull it until a click can be felt). When the lever is released, the weight adjustment is carried out automatically. To ensure that the weight adjustment is carried out correctly, the operator should sit in the normal operating position when operating the lever. If the operator raises his body from the seat or changes the amount of weight applied to the seat during adjustment, the air in the suspension may be discharged.
When operators change shifts, the new operator should pull lever (3) up fully (pull it until a click it is felt). When the lever is released, the weight adjustment is carried out automatically.
If lever (3) is pulled lightly, the weight adjustment starts, but always pull the lever up fully (pull it until a click is felt) before releasing it.

REMARK

- When making initial adjustment or when adjusting the weight settings when operators change shifts, set the damping force of the suspension damper to the soft setting (for details, see "Adjusting hardness of suspension damper"), then adjust it to match the operator's weight. If the damping force of the suspension damper is left set to the hard setting and the height of the seat is adjusted, even if the height is raised, the seat may go down. If the seat goes down, set the damping force of the suspension damper to the soft setting, lower the seat, then adjust the weight again. After completing adjustment of the weight and height, set the damping force of the suspension damper to the desired strength.
- To protect the operator, the suspension must be adjusted to match the operator's weight. Adjust the weight before starting operations.
- When adjusting, do not remove your weight from the seat or change the load in any other way. If this is done, the air may be released from the suspension's seat.

(E) Fore-and-aft adjustment of seat cushion
Operate lever (4) up, set the seat cushion to the desired position, then release the lever.
Fore-and-aft adjustment: 60 mm (2.4 in)

(F) Adjusting reclining angle
Operate lever (5) up and move the back cushion to the front or rear.
But your back firmly against the seat back when carrying out this adjustment. If you move your back away from the seat back, the seat back may suddenly spring forward.
Amount of adjustment
Forward tilt: 10 degrees (over 10 degrees is free)
Rear tilt: 36 degrees

NOTICE

If the seat back is reclined too far, the seat back may hit the rear glass, so use it in a position where it does not contact the glass.

(G) Adjusting headrest angle
Rotate the backrest to the front or rear and set to the desired angle.
Amount of adjustment: 38 degrees

(H) Adjusting headrest height
Move the headrest up or down and set to the desired height.
Amount of adjustment: 100 mm (3.9 in)

(J) Lumbar support
Turn the knob (6) to the right or left to give the suitable amount of lumbar support.

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