TEN00584-10

Operation & Maintenance Manual

WHEEL LOADER **WA500-7**

SERIAL NUMBERS 10001 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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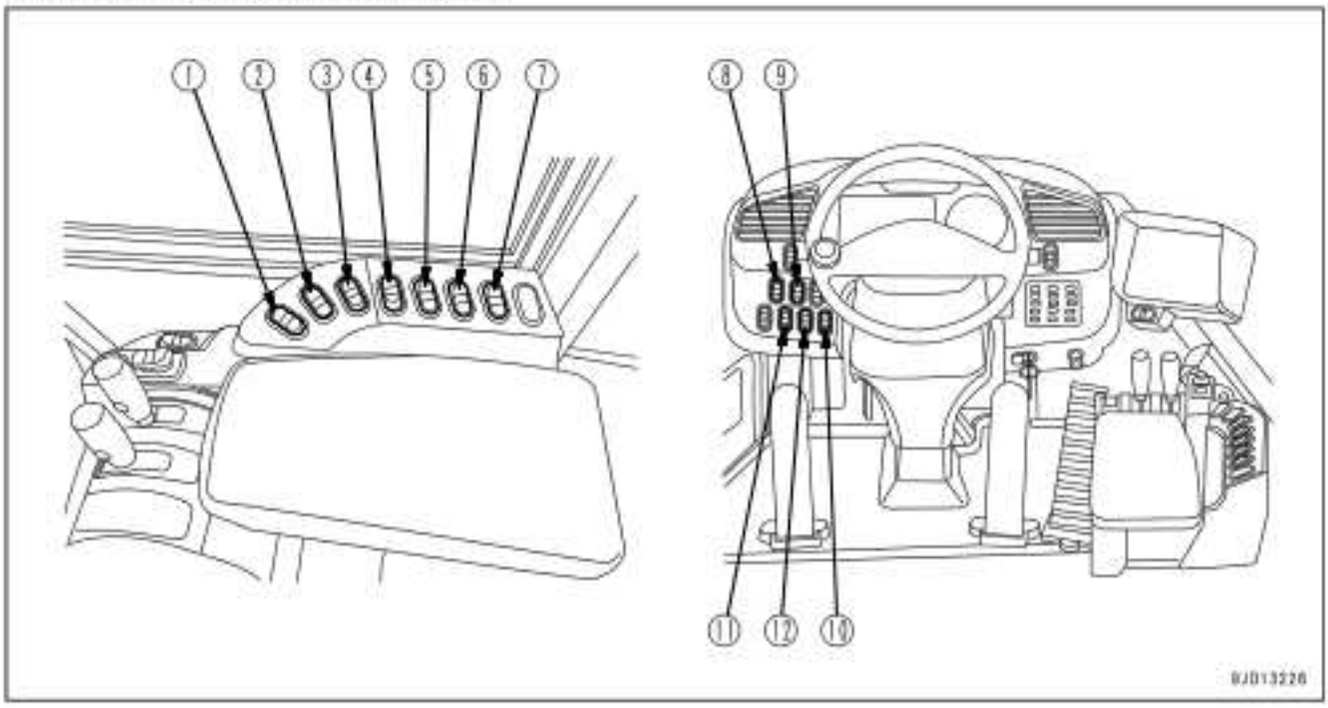
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SWITCH PANEL (WA500-Q180-04D-K-01-A)



R.H. switch panel
(1) Transmission cut-off switch
(1) Transmission cut-off set switch
(2) Power mode selector switch
(3) Transmission shift mode selector switch
(4) Torque converter lockup switch
(5) Directional selector enable switch on R.H. switch panel
(6) Remote positioner switch
(7) RPM set switch

Front switch panel
(8) Front working lamp switch
(9) Rear working lamp switch
(10) Monitor brightness selector switch
(11) ECSS switch (*)
(12) Auto-greasing switch (if equipped)

(*)ECSS : Electronic Controlled Suspension System

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Amount of adjustment: Up to 80 mm (3.1 in) above the weight adjustment position

REMARK

- If the seat is stopped at higher position (m) or lower position (n) than the height adjustment range, the suspension lowers or rises automatically to secure some stroke.
  "Automatic lowering"
  When the seat is stopped within range (m) in the height adjustment process (raising adjustment), it automatically lowers and stops at height adjustment upper limit (i).
  "Automatic rising"
  When the seat is stopped within range (n) in the height adjustment process (lowering adjustment), it automatically rises and stops at height adjustment lower limit (j).
  Adjust the seat height in the range between upper limit (i) and lower limit (j).
- Fully pull up (until it clicks) or press down the lever. Automatic lowering range (m) and automatic rising range (n) may shift and the following phenomena may occur, if "the lever operation stroke is short", "the lever is operated finely", or "the automatic weight adjustment is not performed after the operator changes".
  - The air compressor does not stop.
  - Air flows out unintentionally.

  If these unexpected phenomena occur, perform the "Automatic weight adjustment of seat" again to restore automatic lowering range (m) and automatic rising range (n) to the normal ranges before using the machine.
- Keep your body in the ordinary operating posture during adjustment. If you rise from the seat or try to change the load to the seat during adjustment, the air in the suspension may be released.

(E) Fore-and-aft adjustment of seat cushion
Move lever (4) up to 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
Pull lever (5) up, tilt the backrest forward or backward.
Sit with your back against the backrest when adjusting the reclining angle. If your back is not touching the backrest, it may suddenly return to the original position.
Amount of adjustment Forward tilt: 20 degrees (any degree is acceptable if it is greater than 20 degrees)
Backward tilt: 60 degrees

NOTICE

If the backrest is reclined too far, the headrest may contact the rear window glass, so move it to a position where it does not contact the window glass.

(G) Adjusting headrest angle
Move the headrest back and forth to set it to the desired angle.
Amount of adjustment: 38 degrees
(H) Up-down adjustment of headrest
Move the headrest up or down to set it to the desired height.
Amount of adjustment: 100 mm (3.9 in)
(J) Adjusting armrest height
Remove cap (6) and loosen the nut. After adjusting it to the desired height, tighten the nut and attach the cap.
Amount of adjustment: 40 degrees (Forward tilt 30 degrees, backward tilt 10 degrees)
You can flip up the armrest with your hand.
(K) Adjusting armrest angle
Turn knob (7) to adjust the armrest angle.
Amount of adjustment: 40 degrees (Front tilt 15 degrees, rear tilt 25 degrees)
(L) Lumbar support
Turn knob (8) clockwise or counterclockwise to adjust the tension applied to the lumbar part.

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MAINTENANCE PROCEDURE (ALL-3510-001-A-00-A)

EVERY 10 HOURS MAINTENANCE (ONLY FOR THE FIRST 50 HOURS) (WA500-33N0-208-A-00-A)

Until first 50 hours operation, perform the following maintenance every 10 hours.

- Lubricate work equipment
- Lubricate steering cylinder bottom end and rod end

For the method of maintenance, see Every 100 hours and 250 hours maintenance.

INITIAL 250 HOURS MAINTENANCE (ONLY AFTER THE FIRST 250 HOURS) (WA500-3350-208-A-00-A)

Perform the following maintenance only after the first 250 hours.

- Replace transmission oil filter cartridge
- Replace hydraulic tank oil filter element

For the method of maintenance, see Every 500 hours and 2,000 hours maintenance.

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