TEN00524-05

Operation & Maintenance Manual

BULLDOZER

D155AX-7

SERIAL NUMBERS 90001 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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BLADE CONTROL LEVER (D155-L7K0-001-K-00-A)

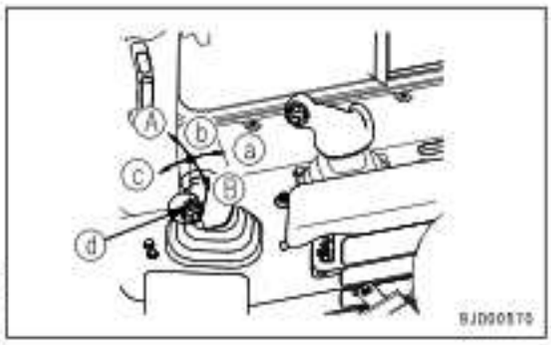
This lever (7) is used for operating the blade.

Machine with single tilt

This mode is used for lifting and tilting the blade.

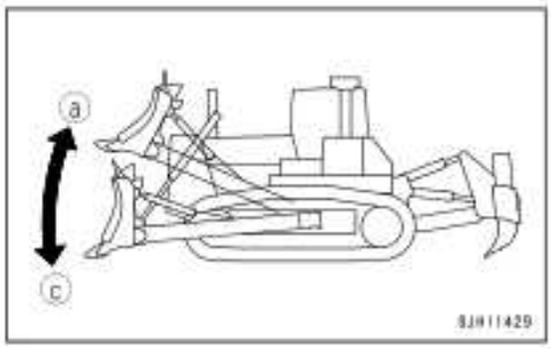
- Lifting control

(a) RAISE: Raise the blade.
(b) HOLD: Blade is stopped and held in this position.
(c) LOWER: Lower the blade.
(d) FLOAT: When FLOAT button is pressed, the blade moves freely according to external force.



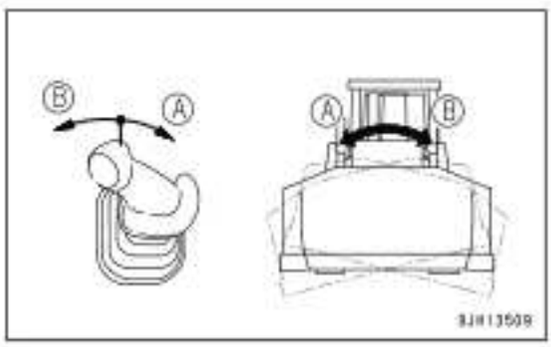
REMARK

- If the lever does not reach LOWER stroke end, the blade is not set to FLOAT. The blade is set to FLOAT condition by moving the blade control lever to LOWER stroke end while pressing FLOAT button of the lever.
- The lever is not held while FLOAT mode is used.



- Tilting control

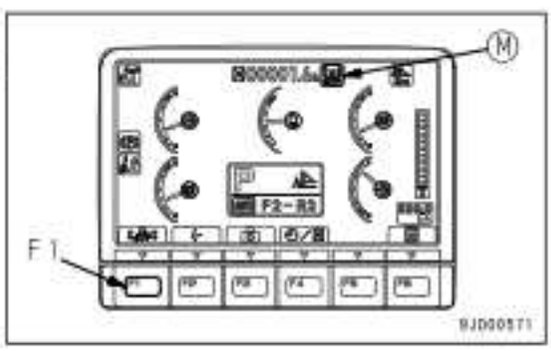
(A) RIGHT tilt
(B) LEFT tilt



Machine with dual tilt

Press function switch F1, and the dual tilt mode is selected.
This mode is used for lifting, tilting, and pitching the blade.

- While dual tilt mode monitor (M) is lit, the machine is set in the dual tilt mode.
- While dual tilt mode monitor (M) is OFF, the machine is set in the single tilt mode.



REMARK

- When using the blade automatic operation function for the machine with the machine control (if equipped), perform it in the single tilt mode.
- The single tilt specification machine does not have the machine control as an option.

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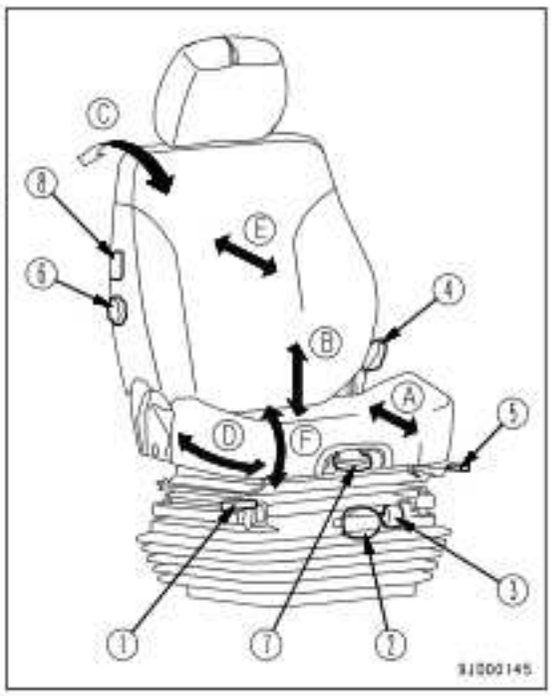
MECHANICAL SUSPENSION SEAT *(D65-K2Q0-Z70-K-01-A)*

(A) Fore-and-aft adjustment
Pull lever (1) up, move the seat and set it to the desired position.
After adjusting, release the lever.
Fore-and-aft adjustment: 160 mm (6.3 in) (16 stages)

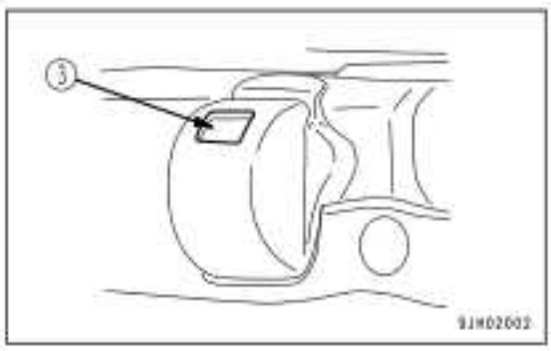
(B) Weight and height adjustment of seat

- Pull out the crank of knob (2) under the seat and turn it so that weight adjustment indicator (3) reads the green range. The seat height can be adjusted by turning knob (2) in the green range.
  X: When crank is stored
  Y: When crank is pulled out (when weight is adjusted)
- When adjusting the height of seat while be seated, turn the knob clockwise (R) to raise the seat and turn the knob counterclockwise (L) to lower the seat.
- When adjusting the weight, move the seat backward, turn knob (2) to adjust, and store the crank.
  Finally, adjust the backward and forward position of the seat properly.

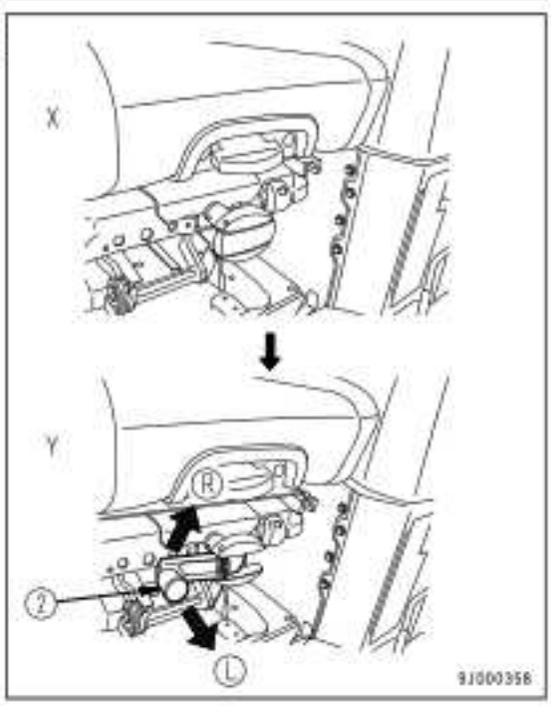
Height adjustment range: stepless, 75 mm (3 in)
Weight adjustment range: 60 to 150 kg (132 to 331 lb)



(C) Adjust reclining angle
Pull lever (4) up and adjust the backrest to the desired position.
After adjusting, release the lever.
Sit with your back against the backrest when adjusting. If your back is not touching the backrest, it may suddenly move forward.
Max. forward tilt: approximately 66 deg. (approximately 1.9 deg. x 35 stages)
Max. reverse tilt: approximately 72 deg. (approximately 1.9 deg. x 38 stages)



REMARK
The seat can be reclined more when the seat is pushed to the front. The amount of reclining decreases as the seat is pushed back, so when moving the seat back, return the backrest to the upright position.



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EVERY 500 HOURS MAINTENANCE (ALL-33C0-015-A-04-A)

Maintenance for every 250 hours should be carried out at the same time.

REPLACE FUEL PREFILTER CARTRIDGE (D155-AEA0-923-K-00-A)

⚠ WARNING

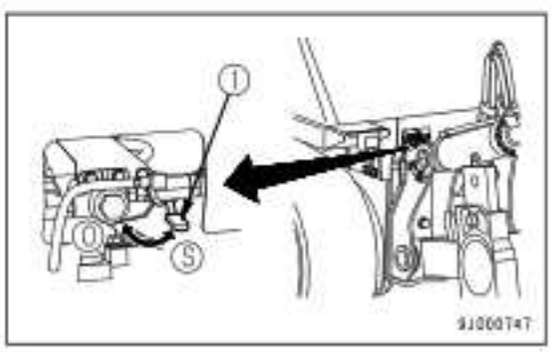
- **After the engine stops, all parts are still very hot, so do not replace the filter immediately. Wait until all of parts cool down before starting the work.**
- **While the engine is running, high-pressure is generated in the engine fuel piping. When replacing the filter, wait for at least 30 seconds after stopping the engine to let the internal pressure go down before replacing the filter.**
- **Do not bring any open flame close.**

NOTICE

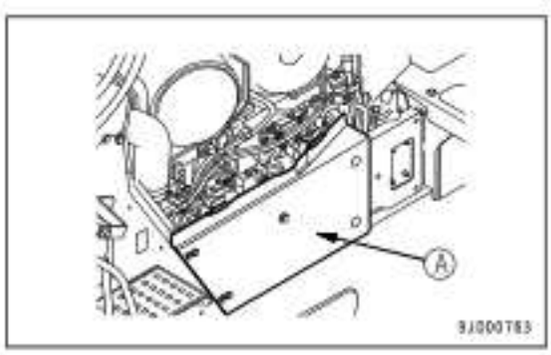
- **Komatsu genuine fuel filter cartridges use a special filter that has highly efficient filtering ability. When replacing parts, Komatsu recommends using Komatsu genuine parts.**
- **The common rail fuel injection system used on this machine consists of more precise parts than those in the conventional injection pump and nozzles. If any cartridge other than a Komatsu genuine filter cartridge is used, dust or dirt may get in and cause problems with the injection system. Never use a substitute.**
- **When performing the inspection or maintenance of the fuel system, pay more attention than normal to the entry of dirt. If dirt sticks to any part, use fuel to wash it off completely.**

Prepare a filter wrench and a container to catch the fuel.

1. Turn fuel supply valve (1) on the bottom of the fuel tank to "CLOSE" position (S).



2. Open the engine side cover on the left side of the machine.
3. Remove mud cover (A) on the front side.



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