TEN00709-03

Operation & Maintenance Manual

BULLDOZER

D61EX -24
D61PX -24

SERIAL NUMBERS 40001 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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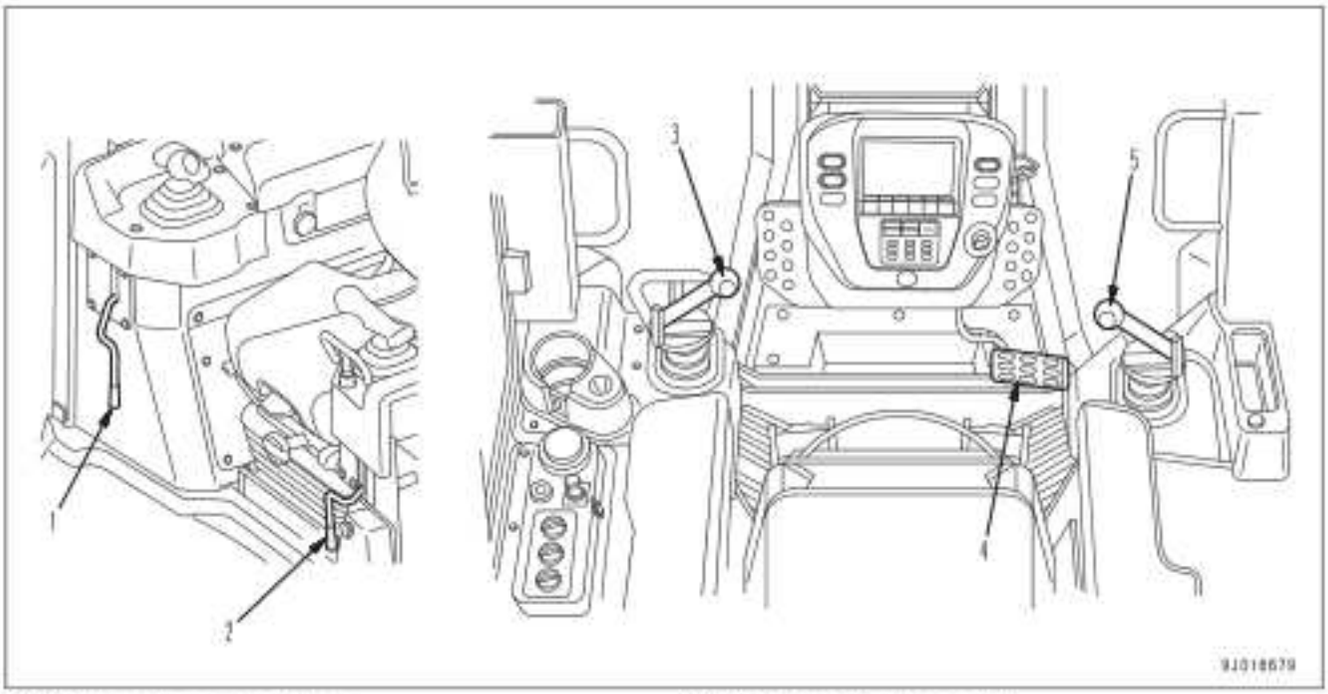
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CONTROL LEVERS AND PEDALS



(1) Work equipment lock lever
(2) Parking brake lever
(3) Joystick (steering, directional and gear shift lever)
(4) Decelerator/brake pedal
(5) Blade control lever

BLADE CONTROL LEVER

The blade control lever is used for lifting, tilting and angling of the blade.

Lifting operation

(A) RAISE

Blade rises.

(B) HOLD

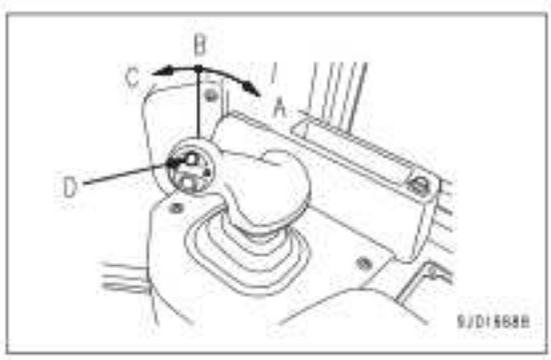
Blade is stopped and held in this position.

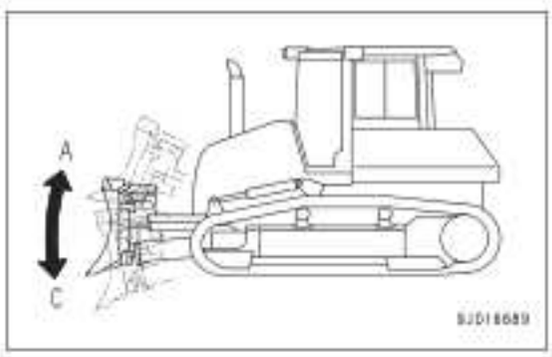
(C) LOWER

Blade lowers.

(D) FLOAT button

The blade moves freely under external force.





REMARK

- The blade is not set in FLOAT mode until the lever is moved to LOWER stroke end.
  To set the blade in FLOAT mode, move the lever to LOWER stroke end while pressing FLOAT button (D).
- When FLOAT mode is set, the electronic sound of beep notifies that FLOAT mode is set.
  After that, if you release the blade control lever, it returns to HOLD position (B), but FLOAT mode is kept.
- FLOAT mode is canceled when the blade control lever is moved to RAISE or LOWER side from HOLD position (B).
  When FLOAT mode is canceled, electronic sound of beep is heard.

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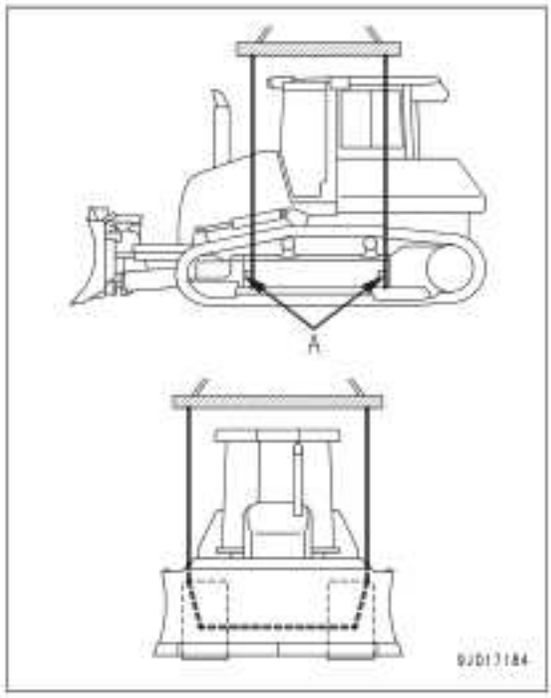
5. Select the lifting tool such as wire ropes and slings matching to the weight of the machine, and fit the wire ropes to the slinging position.

   (A) Mark indicating slinging position

   NOTICE

   - **Use protectors, etc. so that the wire ropes will not be broken at sharp edges or narrow places.**
   - **When using a spreader beam, select an ample width to prevent contact with the machine.**

6. Just before slinging the machine, lift it off the ground by 100 to 200 mm {3.9 to 7.9 in} while it is being set.
7. Check that the wire ropes are free of looseness and the machine is kept on a level state.
8. Sling the machine slowly.



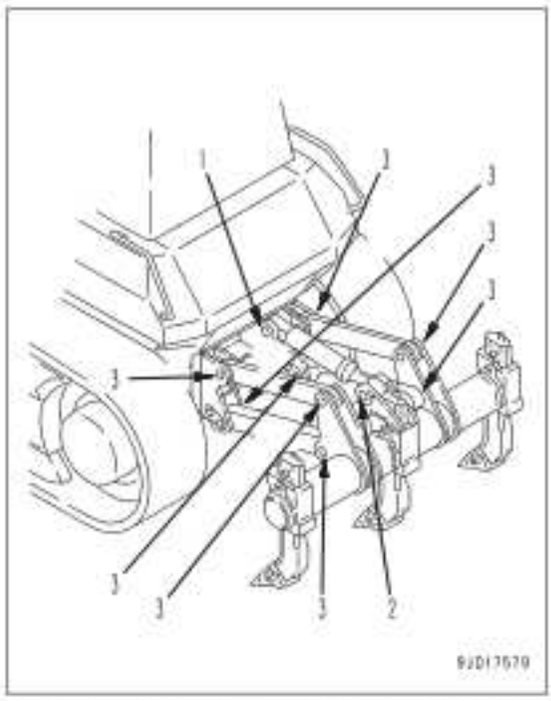
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CHECK AND MAINTENANCE

EVERY 250 HOURS MAINTENANCE

METHOD FOR LUBRICATING

1. Lower the ripper to the ground and stop the engine.
2. By using a grease pump, pump in grease through the grease fittings.
3. After greasing, wipe off any old grease that is pushed out.
   (1) Ripper cylinder bottom pin (1 place)
   (2) Ripper cylinder rod end pin (1 place)
   (3) Link pin (8 places)



METHOD FOR CHECKING OIL LEVEL IN HYDRAULIC TANK, ADDING OIL

1. Place the machine on a level ground and lower the work equipment to the ground.
   If the machine is inclining, make it level.
2. Make the blade perpendicular and lower it to the ground.
3. Make the ripper point touch the ground.
4. Stop the engine.
5. Check oil level in hydraulic tank.
   For details, see OPERATION, "METHOD FOR CHECKING OIL LEVEL IN HYDRAULIC TANK, ADDING OIL".

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