TEN00034-02

Operation & Maintenance Manual

BULLDOZER

GALEO

D275AX-5

SERIAL NUMBERS 20164 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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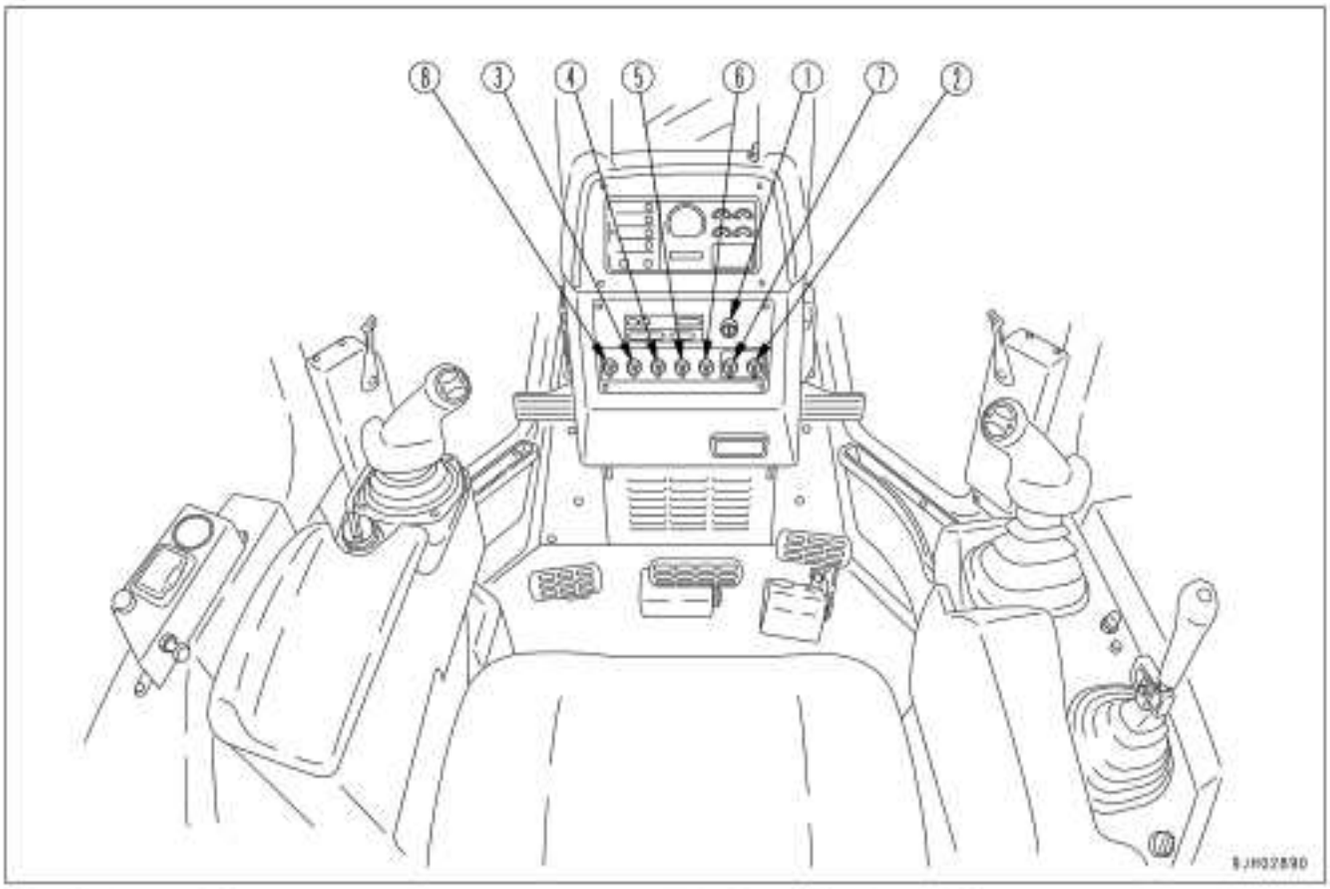
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SWITCHES



(1) Starting switch
(2) Buzzer cancel switch
(3) Front lamp/ working lamp switch
(4) Rear lamp switch
(5) Auto shift down switch
(6) Pivot turn switch
(7) Information switch
(8) Additional heater switch (if equipped)

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ADJUSTING POSTURE OF WORK EQUIPMENT

WARNING

When adjusting, it is dangerous if the work equipment is moved by mistake. Set the work equipment in a safe condition, then stop the engine and lock the work equipment securely with the work equipment lock lever.

BLADE ADJUSTMENT

TILTING THE TILTDOZER

NOTICE

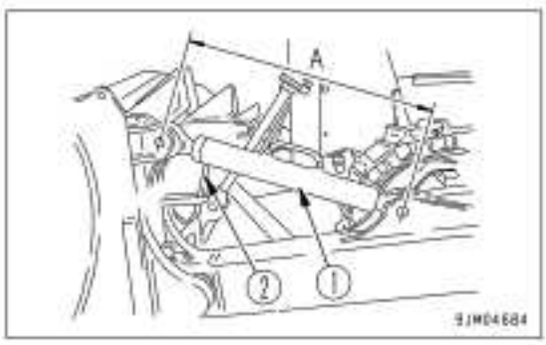
The maximum tilt is 1000 mm (39.4 in).

Adjust the tilt so that it does not exceed the limit of 1000 mm (39.4 in).

If the maximum tilt is exceeded, excessive force will be brought to bear on all parts, and this will damage the machine.

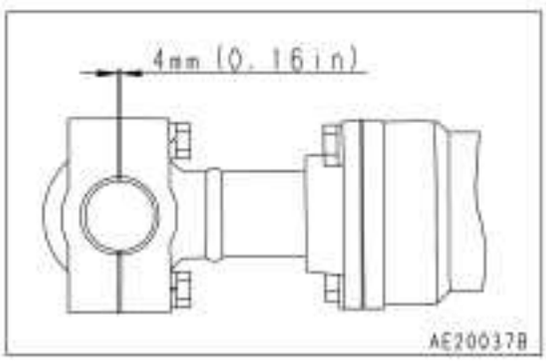
According to the operation of the blade control lever, the following tilt amount can be obtained:
Right side: 570 mm (22.5 in) or more
Left side: 570 mm (22.5 in) or more
If more tilt is required, do as follows.
Use bar handle (2) installed to the left brace to turn brace (1) and change the length (ℓ) of the brace. This makes it possible to obtain a maximum tilt of 1000 mm (39.4 in).

- Standard distance (ℓ) between joints is 1460 mm (57.5 in)



ADJUSTING SHIM IN BLADE CYLINDER CAP

Set the standard shim adjustment in the blade cylinder cap to 4 mm (0.16 in).
Remove shims to balance the wear of the cap and the ball at the end of the piston rod.
The proper clearance to be maintained with the shims is 0.2 to 0.5 mm (0.008 to 0.02 in).



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REPLACE FUEL FILTER CARTRIDGE (MACHINES EQUIPPED WITHOUT ADDITIONAL FUEL FILTER CARTRIDGE)

⚠ WARNING

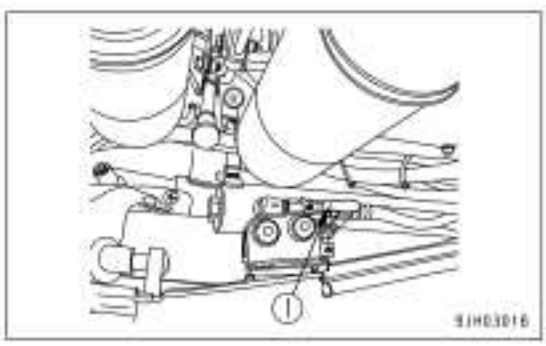
- After the engine has been operated, all parts are at high temperature, so do not replace the filter immediately. Wait for all parts to cool down before starting the operation.
- High pressure is generated inside the engine fuel piping system when the engine is running.
  When replacing the filter, 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 fire or flame close.
- Be careful when opening the air bleed plug in the fuel filter head. It is still under pressure, so fuel may spurt out.

NOTICE

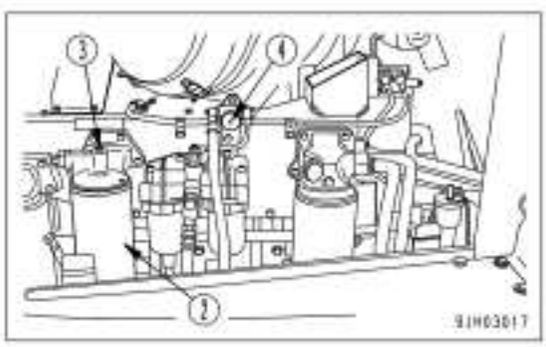
- Genuine Komatsu fuel filter cartridges use a special filter that has highly efficient filtering ability. When replacing the filter cartridge, always use a genuine Komatsu part.
- The common rail fuel injection system used on this machine consists of more precise parts than the conventional injection pump and nozzle.
  If any part other than a genuine Komatsu filter cartridge is used, dust or dirt may get in and cause problems with the injection system. Always avoid using substitute parts.
- When carrying out inspection or maintenance of the fuel system, pay more attention than normal to the entry of dirt. If dirt is stuck to any part, use fuel to wash it off completely.

- Container to catch the oil
- Prepare a filter wrench

1. Set the container under the filter cartridge to catch the drained oil.
2. Close valve (1) of fuel strainer part.
3. Remove the drain plug at the bottom of the filter to drain fuel. After draining fuel, tighten the drain plug.



4. Using a filter wrench, turn filter cartridge (2) counterclockwise to remove it.



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