Operation & Maintenance Manual

TEN00033-00

GALEO

D155AX-5

BULLDOZER

SERIAL NUMBERS 76243 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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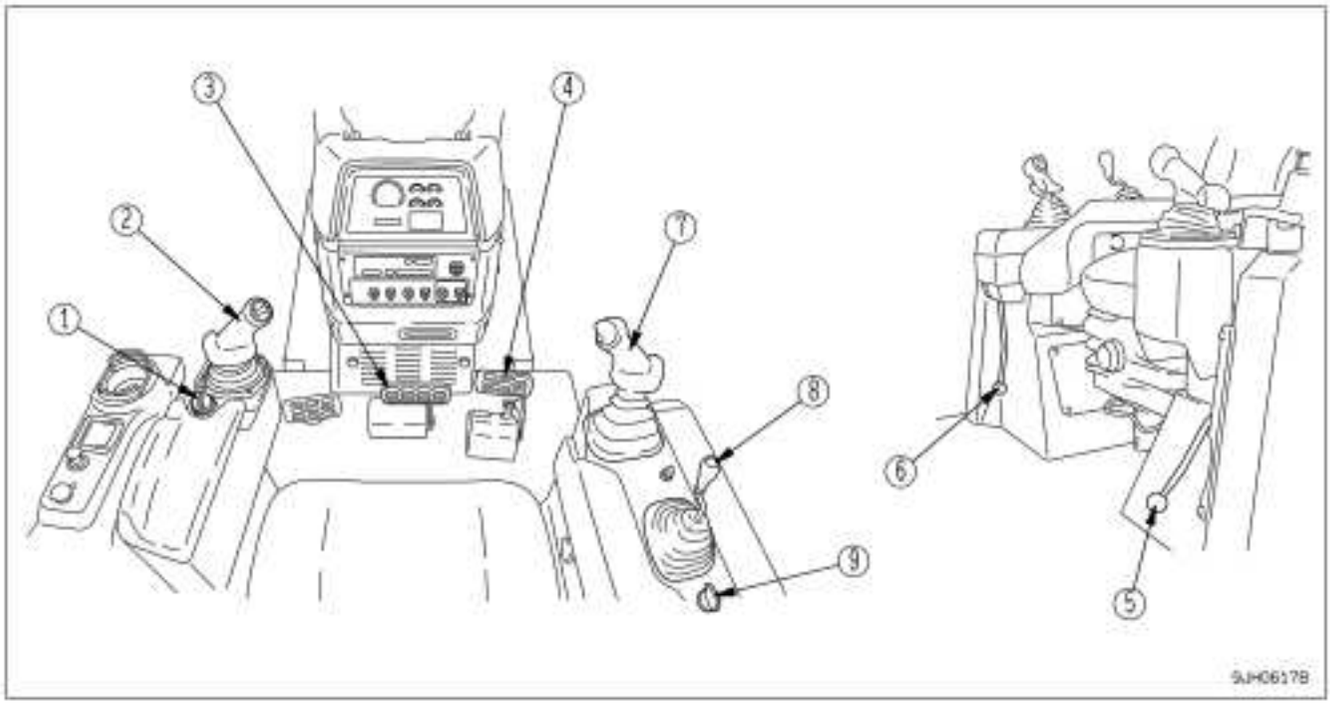
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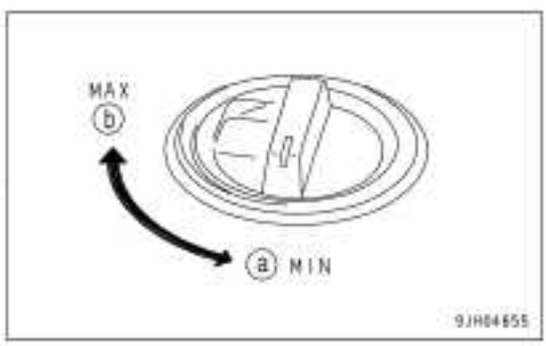
CONTROL LEVERS, PEDALS



(1) Fuel control dial
(2) Joystick
(steering, directional and gear shift lever)
(3) Brake pedal
(4) Deceleration pedal
(5) Parking lever
(6) Work equipment lock lever
(7) Blade control lever
(8) Ripper control lever (Variable ripper)
(9) Pin puller control switch (giant ripper)
(if equipped)

FUEL CONTROL DIAL

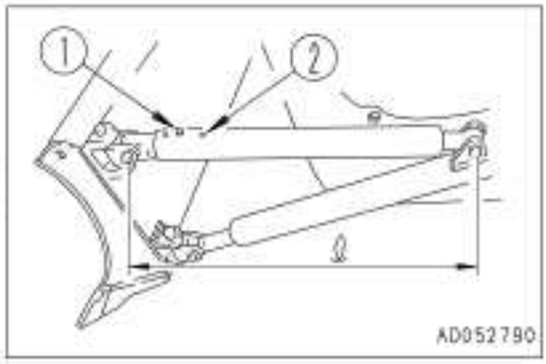
Dial (1) is used to control the engine speed and output.
(a) Low idling position: Turn fully to the left
(b) High idling position: Turn fully to the right



REMARK
When stopping the engine, turn the starting switch to the OFF position.

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3. Tighten set bolt (1).



NOTICE

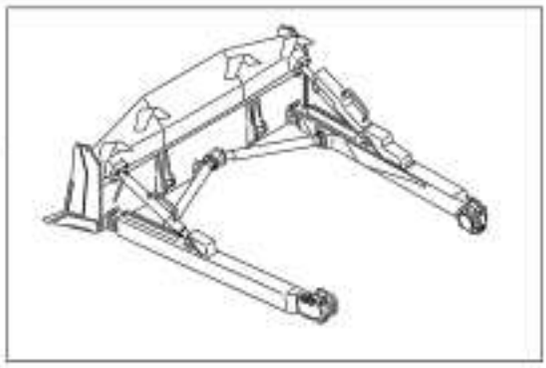
The standard distance ℓ between the brace joints is 1493 mm (4 ft 11 in), but do not exceed a maximum tilt of 400 mm (15.8 in) when carrying out operations. If the tilt exceeds 400 mm (15.8 in), excessive force will be generated at various parts.

POWER TILTDOZER

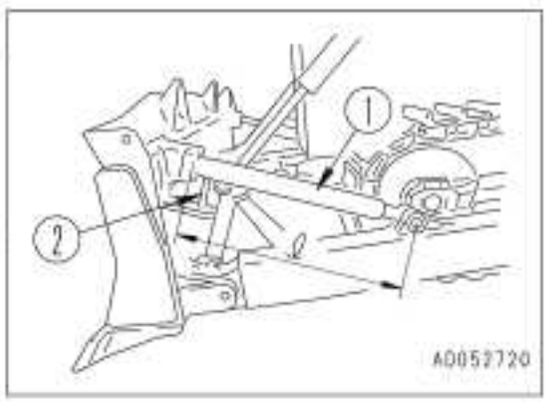
NOTICE

The maximum tilt is 1000 mm (3 ft 3 in).
Do not exceed 1000 mm (3 ft 3 in) for the tilt during operations.

1. It is possible to obtain the tilt of approx. 500 mm (19.7 in) by operating the blade control lever.



2. If an even greater tilt is needed than can be obtained in Step 1, use adjustment bar (2) installed to left brace (1) and turn brace (1) on extend the length of the brace.
   A maximum tilt of 1000 mm (3 ft 3 in) can be obtained.



REMARK

When adjusting the amount of tilt as explained in step 1 and 2 above, keep the blade above the ground.

NOTICE

The standard distance ℓ between the joints is 1389 mm (4 ft 7 in), but if the length of the brace is adjusted and the tilt exceeds 1000 mm (3 ft 3 in), excessive force will be generated at various parts, so do not use it.

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EVERY 500 HOURS SERVICE

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

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

⚠ WARNING

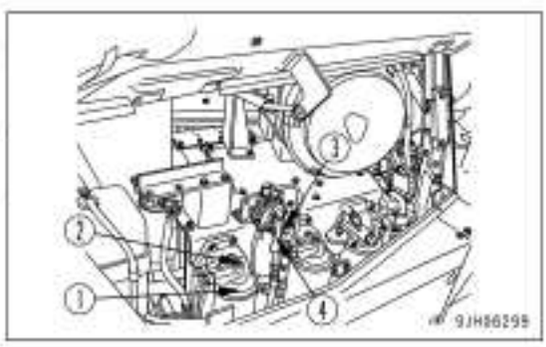
- **After the engine has been operated, all parts are at high temperature, so do not replace the filter immediately. Wait for all parts to cool down before starting the operation.**
- **High pressure is generated inside the engine fuel piping system when the engine is running.**
  When replacing the 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.**

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.**

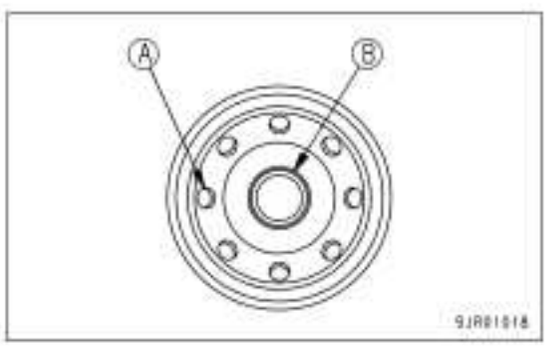
- Container to catch the oil
- Filter wrench

1. Set the container to catch the fuel under the filter cartridge.
   - The fuel filter is found by opening the engine side cover on the left of the machine.
2. Using a filter wrench, turn filter cartridge (1) counterclockwise on remove it.
3. Clean the filter holder, then coat the packing portion of the new filter cartridge with oil, and install.



NOTICE

- **Do not fill the fuel filter cartridge with fuel.**
- **Remove cap (B) and install the fuel filter.**



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