TEN00179-02

Operation & Maintenance Manual

MOTOR GRADER **GD655-3A**

SERIAL NUMBERS 11001 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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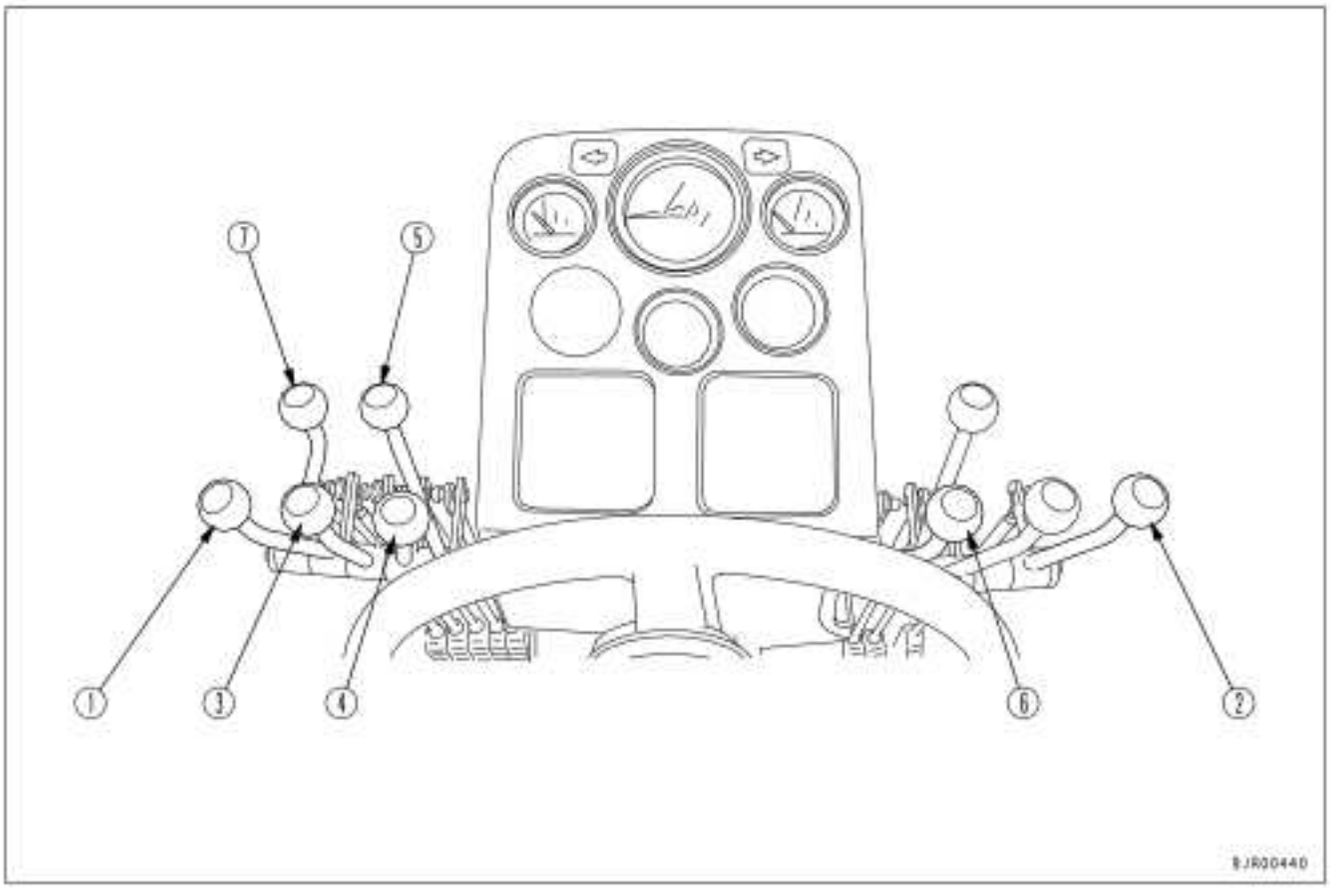
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OPERATING WORK EQUIPMENT



(1) Left blade control lever
(2) Right blade control lever
(3) Blade side shift control lever
(4) Blade rotation control lever
(5) Power tilt control lever
(6) Drawbar side shift control lever
(7) Ripper/Scarifier control lever (if equipped)

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EVERY 500 HOURS SERVICE

Maintenance for every 50 and 250 hours service should be carried out at the same time.

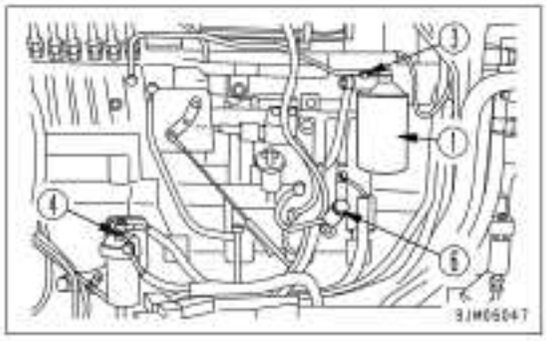
REPLACE FUEL FILTER CARTRIDGE

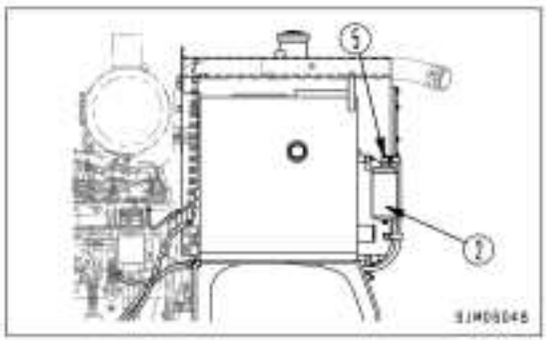
⚠ WARNING

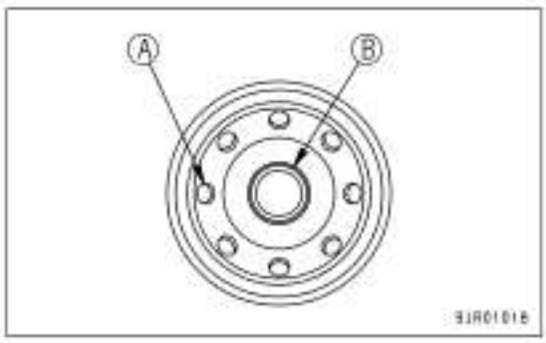
- **After the engine is stopped, all parts are at high temperature, so do not replace the filter immediately. Wait for the parts to cool down before carrying out the replacement.**
- **The engine fuel piping line is under high pressure when the engine is running. When replacing the filter, wait for at least 30 seconds after stopping the engine to let the internal pressure go down before replacing the filter.**
- **Never bring any flame close.**
- **Be sure to use genuine Komatsu fuel filter cartridge. There is the danger that a trouble occurs in the fuel injection system, if a non-genuine product is used. Use of non-genuine parts must be definitely avoided.**
- **Be careful when unscrewing the air bleeding plug on the fuel filter head. Oil may spurt out due to the residual pressure inside the tank.**

- Prepare a filter wrench

1. Set the container under the filter cartridge to catch the drained oil.
2. Using a filter wrench, turn filter cartridges (1) and (2) to the left to remove.
   Filter cartridge (2) is installed only on the optional low-quality fuel specification machine.
3. Clean the filter head, fill the new filter cartridge with clean fuel, coat the packing surface thinly with oil, and install it to the filter holder.
   Always use clean fuel when filling with fuel, and be careful not to let any dirt or dust get in.
   Add fuel from small hole (A) (dirty side) at eight places. Do not add fuel from hole (B) (clean side) at the center.
4. When installing the seal, tighten it so its surface comes into contact with the filter holder, then tighten another 3/4 turn.
   Tighten filter cartridge (2) 2/3 turns.
   If the filter cartridge is tightened too far, the packing will be damaged and this will lead to leakage of fuel. If the filter cartridge is too loose, fuel will also leak from the packing, so always tighten to the correct amount.







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