TEN00305-02

Operation & Maintenance Manual

BULLDOZER

D375A-5E0

SERIAL NUMBERS 50091 and up

ecot3

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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WORK EQUIPMENT LOCK LEVER

⚠ WARNING

- When standing up from the operator's seat, always move the work equipment lock lever securely to the LOCK position. If the blade control and ripper control levers are not locked and are touched by accident, it may lead to serious injury or damage.
- If the work equipment lock lever is not completely in the LOCK position, the lock may not be applied. Check that it is in the position shown in the diagram.
- When parking the machine or when performing maintenance, always lower the blade or ripper to the ground, then set the work equipment lock lever to the LOCK position.

Lever (6) is a device to lock the blade control and ripper control levers.
When it is set to the LOCK position, the TILT, RAISE, LOWER, and FLOAT operations are locked.



REMARK
When starting the engine, to ensure safety, always set the work equipment lock lever to the LOCK position.

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TRANSPORTATION

When transporting the machine, observe all related laws and regulations, and be careful to assure safety.

TRANSPORTATION PROCEDURE

When transporting the machine, choose the optimum transportation method in reference to the weight and dimensions shown in "SPECIFICATIONS (PAGE 5-2)". Note that machine specifications (weight and dimensions) vary depending on the kind of track shoes and work equipment.

LOADING, UNLOADING WORK

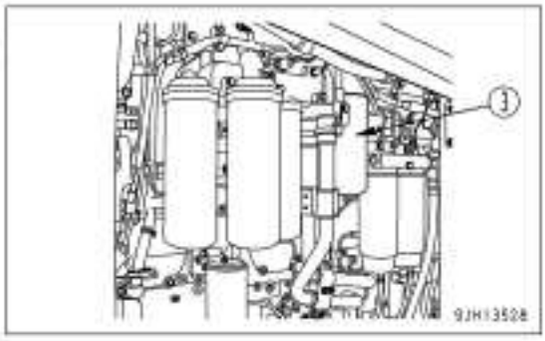
⚠ WARNING

- **Use ramps with ample width, length, and thickness to allow safe loading and unloading.**
  If the ramps bend excessively, reinforce them with blocks.
- **Select firm, level ground when loading the machine.**
  Maintain a safe distance from the edge of the road.
- **Remove all mud and dirt from the machine tracks in order to prevent the machine from slipping on the ramps.**
  Be sure that the ramp surface is clean and free of grease, oil, or ice.
- **On the ramps, run the engine at low speed and drive slowly.**
- **Never correct your steering on the ramps. If it is necessary to change direction, drive off the ramps and correct the direction.**
- **Never use counterrotation turns.**

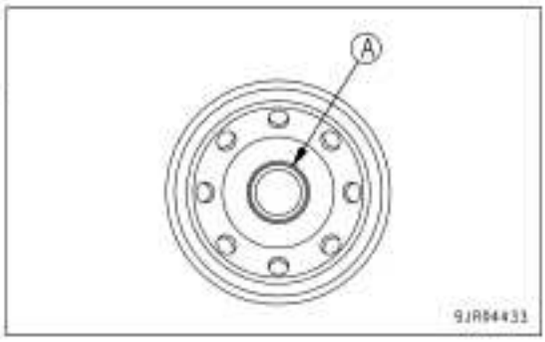
When loading or unloading, always use ramps or a platform and carry out the operations as follows.

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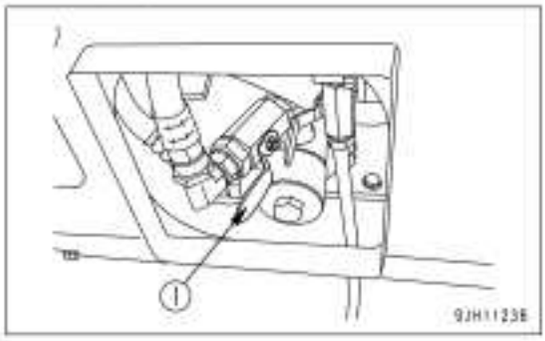
3. Set the container to catch the fuel under the filter cartridge (3).
4. Using a filter wrench, turn filter cartridge (3) counterclockwise to remove it.
5. Clean the filter holder.
6. Coat the packing surface of the filter cartridge with oil.
7. Remove filter cartridge cap (A) and install to the filter holder.



NOTICE
Do not fill the filter cartridge with fuel.
Cap (A) is installed to prevent dirt from entering the inside of the filter cartridge.



8. When installing, tighten until the packing surface contacts the seal surface of the filter holder, then tighten it 3/4 of a turn.
   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 the correct amount.
9. Open fuel supply valve (1) on the fuel tank.
10. After replacing fuel filter cartridge (3), bleed the air. For details, see "BLEED AIR FROM FUEL CIRCUIT (PAGE 4-46)".



11. After completely bleeding the air, start the engine and check that there is no leakage of fuel from the filter seal surface. If any leakage of fuel is found, check that the filter cartridge is tightened properly. If the fuel still leaks, repeat Steps 1 and 2 to remove the filter cartridge, then check the packing surface for damage or embedded dirt. If any problem is found, replace the cartridge with a new part, then repeat Steps 3 - 8 to install the new cartridge.

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