Operation & Maintenance Manual

VEAM660104

WA470-6 LC
WA480-6 LC

WHEEL LOADER

SERIAL NUMBERS

WA470-6 LC	H50880 - H51999
WA480-6 LC	H60470 AND UP

ORIGINAL INSTRUCTIONS

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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4.9.9 Every 500 hours service

Maintenance for every 50, 100 and 250 hours service should be carried out at the same time.

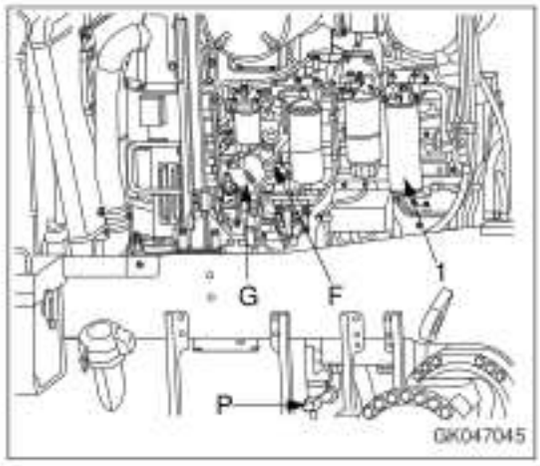
Change oil in engine oil pan, replace engine oil filter cartridge

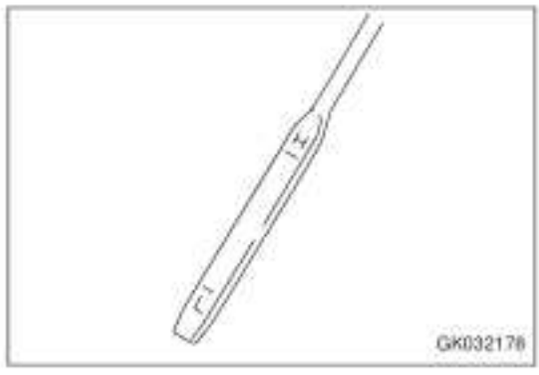
WARNING

- The parts and oil are at high temperature after the engine is stopped, and may cause burns. Wait for the temperature to go down before starting the work.
- When removing the oil filler cap, turn it slowly to release the internal pressure, then remove it.

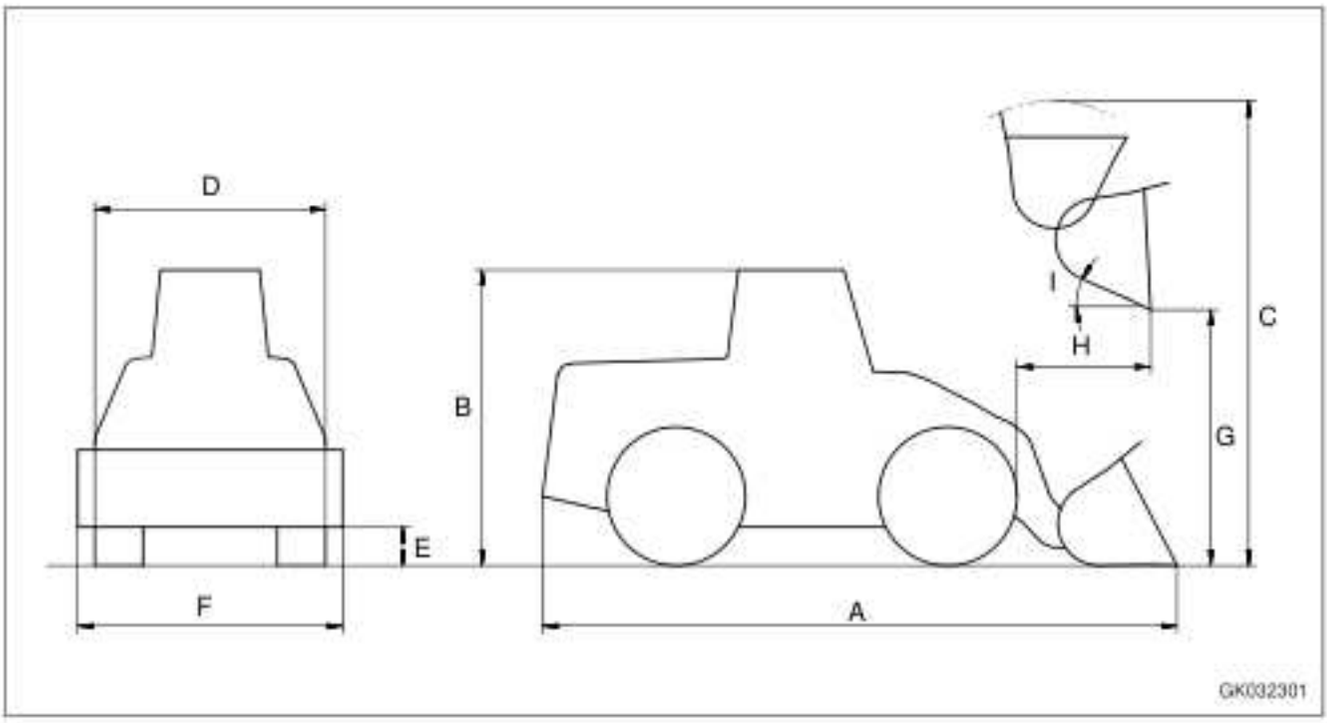
- Refill capacity: 38 litres
- Filter wrench

1. Open the engine side cover on the right side of the chassis.
2. Open oil filler (F).
3. Place a container to catch the oil under drain plug (P).
4. Loosen drain plug (P) and drain the oil. Be careful not to get oil on yourself.
5. Check the drained oil, and if there are excessive metal particles or foreign material, please contact your KOMATSU distributor.
6. Tighten drain plug (P).
7. Using the filter wrench, turn filter cartridge (1) counterclockwise to remove it.
8. Clean the filter holder, fill the new filter cartridge with engine oil, then coat the seal and thread of the filter cartridge with engine oil (or coat thinly with grease) and install.
9. When installing, bring the seal surface into contact with the filter holder, then tighten a further 3/4 to 1 turns.
10. After replacing the filter cartridge, add oil through oil filler (F) until the oil level is between the H and L marks on the dipstick (G).
11. Run the engine at idling for short time, then stop the engine, and check that the oil is between the H and L marks on the dipstick. For details, see "Check oil level in engine oil pan, add oil (3-105)".





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1. Lift arm control lever (3-lever control)

This lever (1) is used to operate the lift arm.

NOTE
Do not use the FLOAT position when lowering the bucket. Use the FLOAT position when levelling, see "Levelling operation (3-153)".

Position (a): RAISE

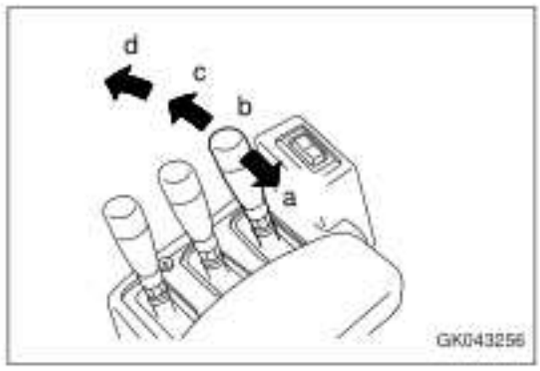
When the lift arm control lever is pulled further from the RAISE position, the lever is stopped in this position until the lift arm reaches the preset position of the kickout, and the lever is returned to the HOLD position.

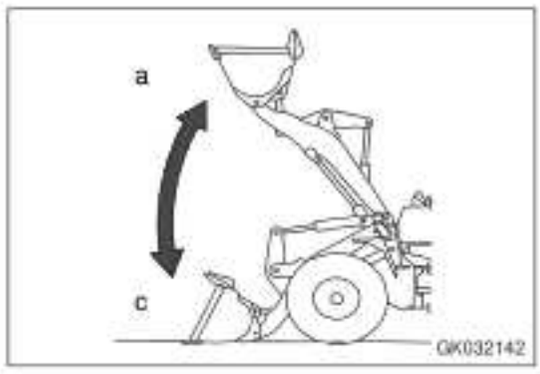
Position (b): HOLD

The lift arm is kept in the same position.

Position (c): LOWER

Position (d): FLOAT
The lift arm moves freely under external force.





2. Bucket control lever (3-lever control)

This lever (2) operates the bucket.

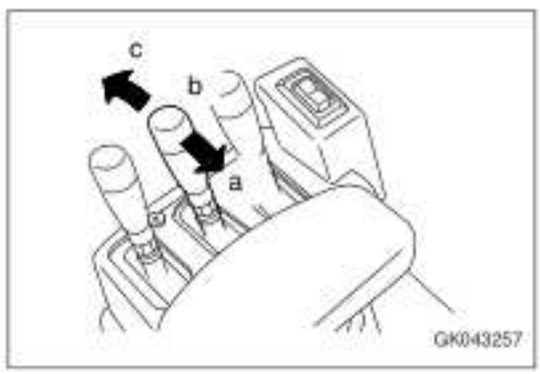
Position (a): TILT

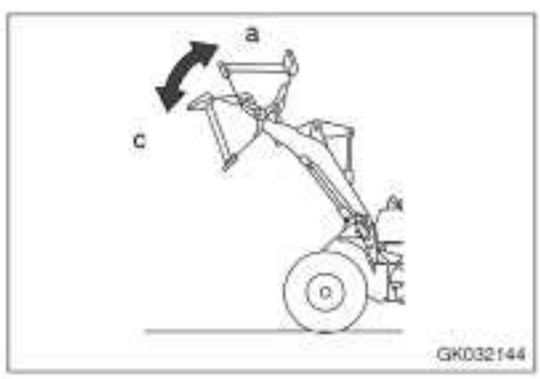
When the bucket control lever is pulled further from the TILT position, the lever is stopped in this position until the bucket reaches the preset position of the positioner, and the lever is returned to the HOLD position.

Position (b): HOLD

The bucket is kept in the same position.

Position (c): DUMP





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