CEAM005802

Operation & Maintenance Manual

KOMATSU®

WA250-3MC

WHEEL LOADER

SERIAL NUMBERS WA250-3MC A71001 and up

ENGINE 6D102E-1

April 2016

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4. SAFETY LOCK LEVER

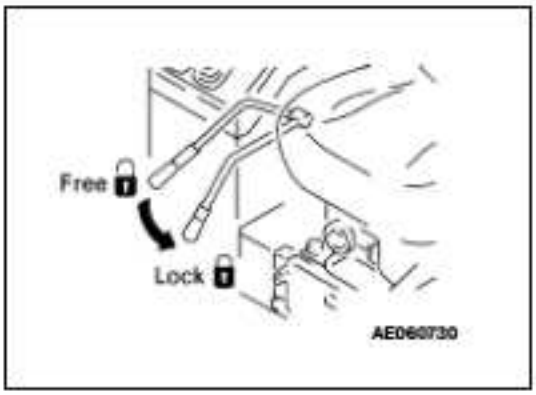
⚠ WARNING

When leaving the operator's compartment, set the safety lock lever securely to the LOCK position. If the control levers are not locked, and they are touched by mistake, this could lead to a serious accident.

If the safety lock lever is not placed securely in the LOCK position, the control levers may not be properly locked. Check that the situation is as shown in the diagram.

When parking the machine or carrying out maintenance, always lower the bucket to the ground and apply the lock.

This is used to lock the work equipment levers.
Push the lever down to apply the lock.



5. WORK EQUIPMENT CONTROL
This lever operates the lift arm and the bucket.

(1) RAISE

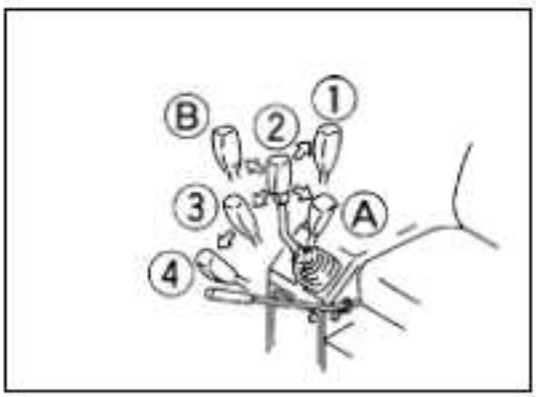
(2) HOLD The lift arm is kept in the same position.

(3) LOWER

(4) FLOAT The lift arm moves freely under external force.

(A) TILT

(B) DUMP

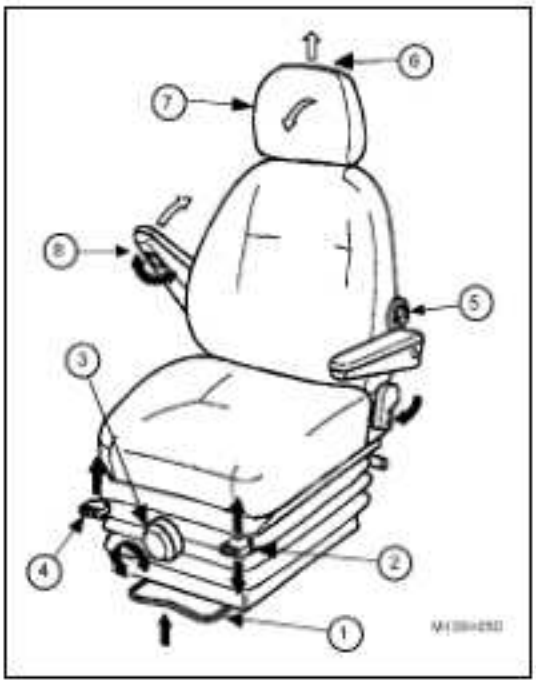


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OPERATOR'S SEAT ADJUSTMENT

⚠ WARNING

Park the machine in a safe place and stop the engine before adjusting seat. Adjust the seat before starting operations or when changing operators. Check that you can depress the brake pedal fully with your back against the seat backrest.



1. Forward-backward adjustment

   Pull lever (1) up, and move the seat to the desired position, then release the lever to lock in place.
   Fore-and-aft adjustment: 120 mm (4.7 in)

2. Adjusting seat angle

   Pull lever (2) up and push down on the rear of the seat to tilt it backward. Push lever (2) down and push down on the front of the seat to tilt it forward.
   Range of adjustment: 13°

3. Adjusting seat weight

   Turn grip (3) to adjust the strength of the suspension.
   Adjustment range: (Target) 50 kg - 120 kg (110.3 - 264.6 lb)

4. Adjusting backrest angle

   Move lever (4) and move the backrest to the front or rear.
   Adjustment range: Front 24°, rear 3°

5. Seat height adjustment

   Move lever (2) up/down, then move seat up or down as desired. Since the lever also is used for adjusting seat angle, set the seat to the desired height while adjusting the angle.
   Adjustment range: 50 mm (2.36 in)

6. Adjusting height of headrest

   Move the headrest up and down to the desired height.
   Adjustment range: 50 mm (1.96 in)

7. Adjusting headrest angle

   The headrest is adjustable through 60°.

8. Angle of armrest

   Adjust angle of armrest by rotating knob (5) (left side only).
   Adjustment range: 30° (forward tilt: 25°, backward tilt: 5°)

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EVERY 500 HOURS SERVICE

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

REPLACE FUEL FILTERS

⚠ WARNING

Engine is at a high temperature immediately after the machine has been operated. Wait for the machine to cool down before replacing the filter.

Do not bring fire or sparks near the filters.

GENERAL

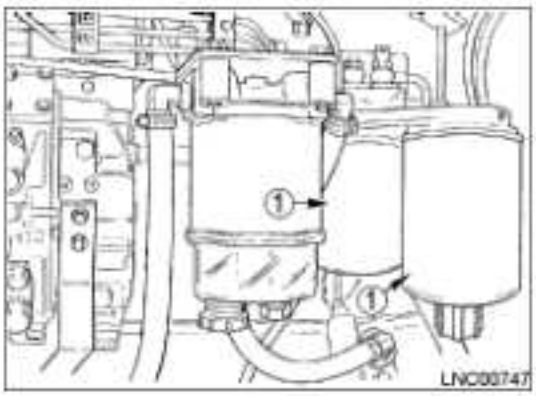
The fuel filters are spin-on type filters. These filters cannot be cleaned and should not be disturbed except when it becomes necessary to replace them.

Change the fuel filters as listed on the "MAINTENANCE SCHEDULE CHART" on page 3-24 or sooner if a power loss is evident. If a power loss persists, consult your distributor.

Remark

Fuel with more than the average impurities may require changing filters at shorter intervals.

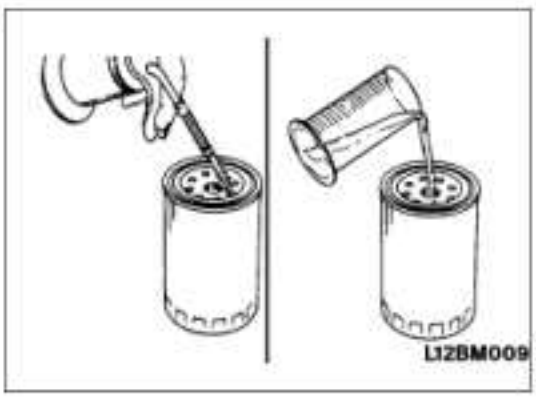
There are two fuel filters (1) located on the right side of the machine next to the fuel sediment strainer.



Be careful not to allow dirt, water or other foreign material to get in the new filters. Keep new filters in the original package until ready for installation.

REPLACEMENT

1. Open the engine hood and lock into position.
2. Clean the area around the fuel filters and place a container under the filter to catch any fuel that may spill or drip.
3. Using a filter wrench, remove the fuel filters by turning them counterclockwise. Discard the filters in a suitable manner.
4. Clean the filter gasket surfaces of the filter header for each filter. Replace the filter O-rings.
5. Fill the new filters with clean diesel fuel. Then, apply a thin coat of clean engine oil to the seal of the filter.



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