CEAM007702

Operation & Maintenance Manual

KOMATSU®

WA120-3MC

WHEEL LOADER

SERIAL NUMBERS WA120-3MC A31001 and up

ENGINE 4D102E-1

April 2016

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4. SAFETY LOCK LEVER

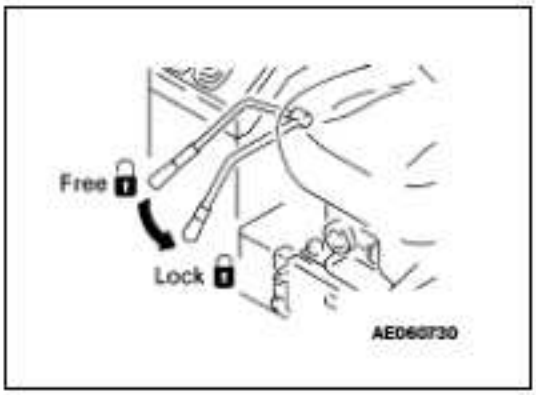
⚠ WARNING

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.

Use this lever to lock the work equipment lever. Push the lever down to apply the lock.



5. WORK EQUIPMENT CONTROL

This lever operates the lift arm and the bucket.

(1) RAISE

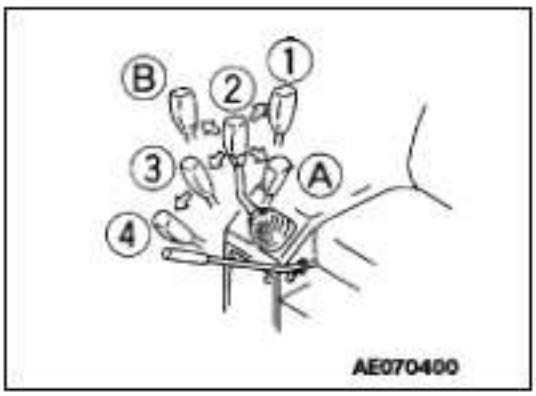
(2) HOLD The lift arm is kept in the same position.

(3) LOWER

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

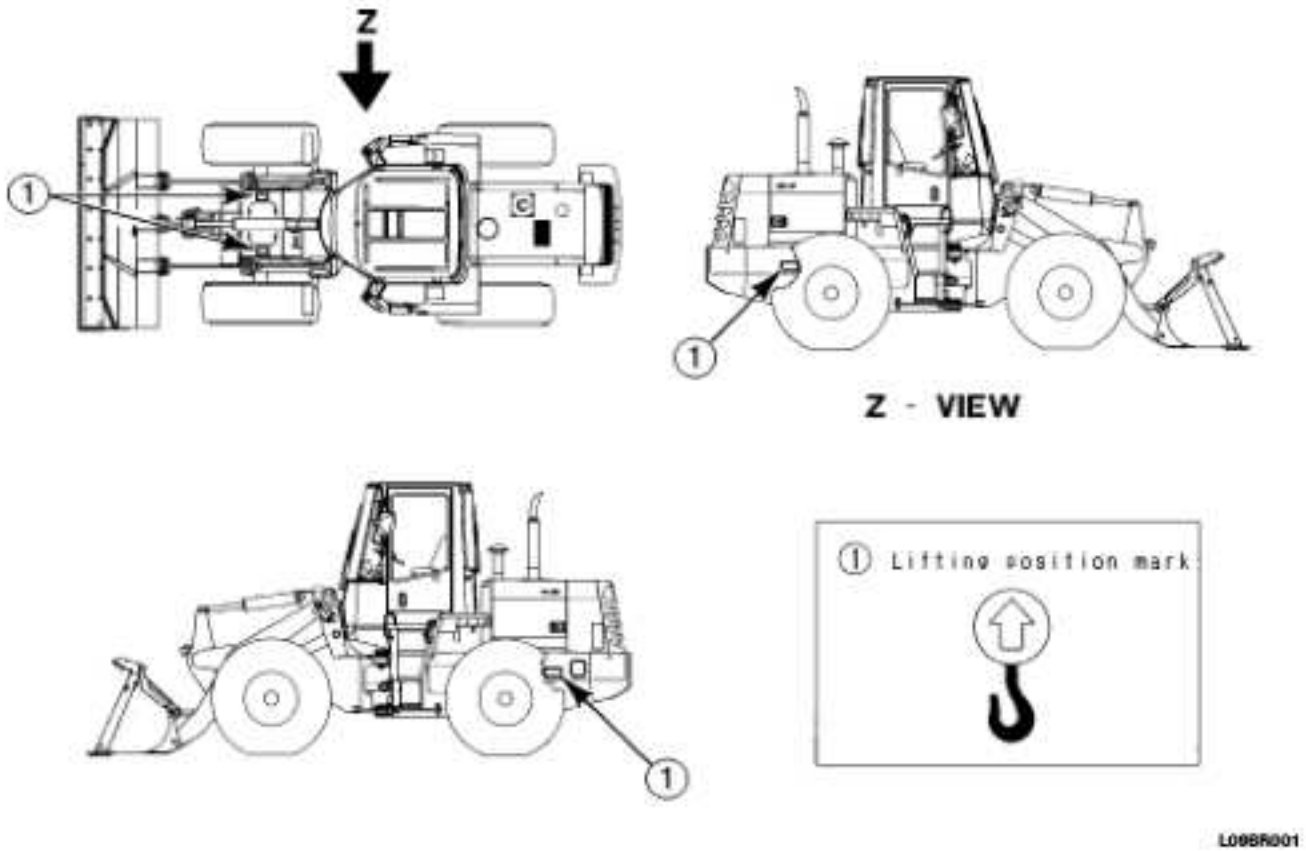
(A) TILT

(B) DUMP



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LIFTING POINT DECALS



WEIGHT LIST

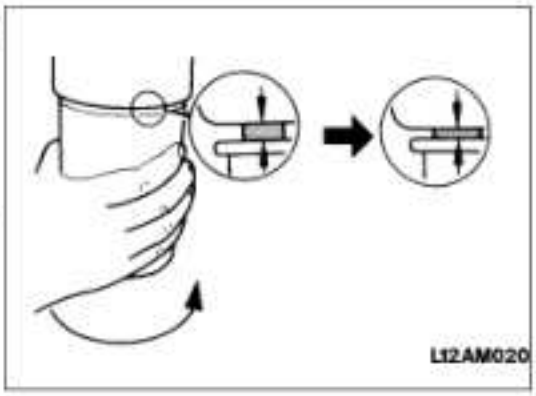
MODEL	VEHICLE WEIGHT	FRONT AXLE WEIGHT	REAR AXLE WEIGHT	POSITION OF THE CENTER OF GRAVITY (FROM CENTER LINE OF FRONT AXLE)
WA120-3MC	7,830 kg (17,262 lb)	3,240 kg (7,143 lb)	4,950 kg (10,119 lb)	1,525 mm (60.03 in.)

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6. To install the filter, thread it onto its holder until the filter seal contacts the sealing surface of filter base. Then tighten the filter and additional 1/2 to 3/4 turn by hand to compress the filter seal.
   - ★ Do not overtighten the filter.
   - ★ Be sure to use a genuine Komatsu replacement filter.

7. After replacing the filters, start the engine and idle it for a few minutes. Check the filters for possible fuel leakage.

8. Close the engine hood.



Remark

Controlled venting is provided at the injection pump through the fuel drain manifold. Small amounts of air introduced by changing the filters or injection pump supply line will be vented automatically if the fuel filter is changed in accordance with the instructions.

Remark

Manual bleeding will be required if:

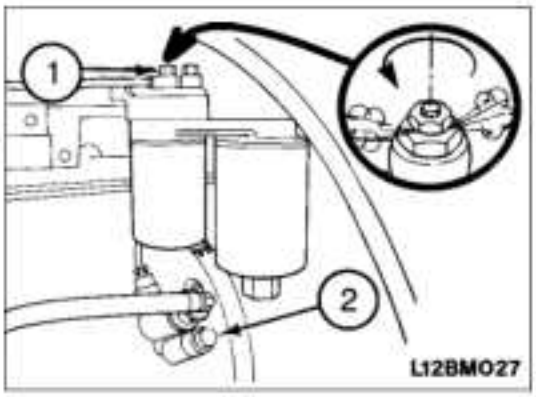
- The fuel filter is not filled prior to installation.
- The injection pump is replaced.
- High pressure fuel lines are replaced.

To manually bleed the low pressure lines and fuel filters:

1. Loosen the bleeding vent screw (1)

2. Operate the priming button (2) on the lift pump until the fuel flowing from the filter is free of air.

Vent screw torque: . . . . . .9 N•m (7 lbf ft.)



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