CEAM000300

Operation & Maintenance Manual

KOMATSU®

WA500-1

WHEEL LOADER

SERIAL NUMBERS **WA500-1LE - A61001** and up

June 1996

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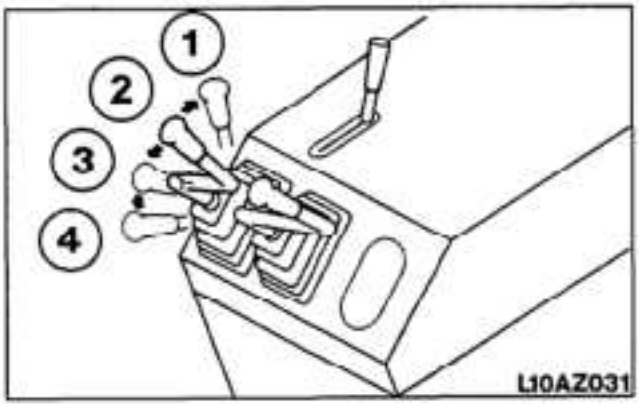
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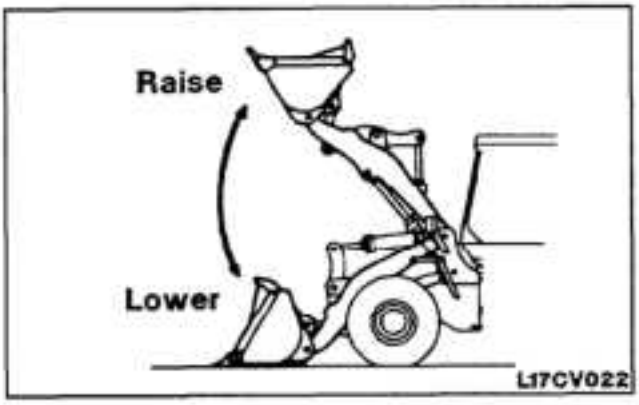
7. LIFT ARM CONTROL LEVER

This lever is used to operate the lift arm.

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.



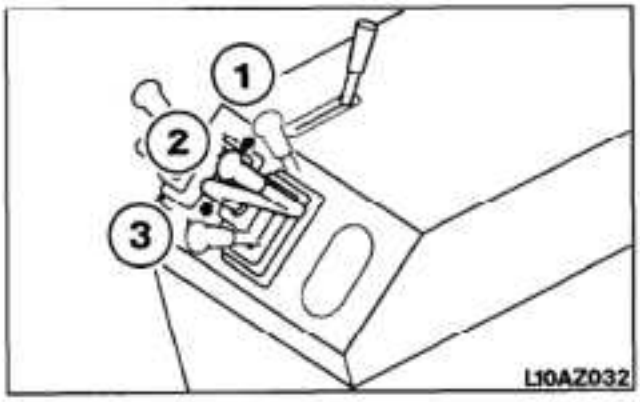
When the lift arm control lever is pulled further from 1 position, the lever is stopped in this position until lift arm reaches the preset position of kick-out, and the lever is returned to the hold position.



8. BUCKET CONTROL LEVER

This lever operates the bucket.

1 Tilt
2 Hold: The bucket is kept in the same position.
3 Dump



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EVERY 250 HOURS SERVICE

★ **Maintenance for every 50 hours should be carried out at the same time.**

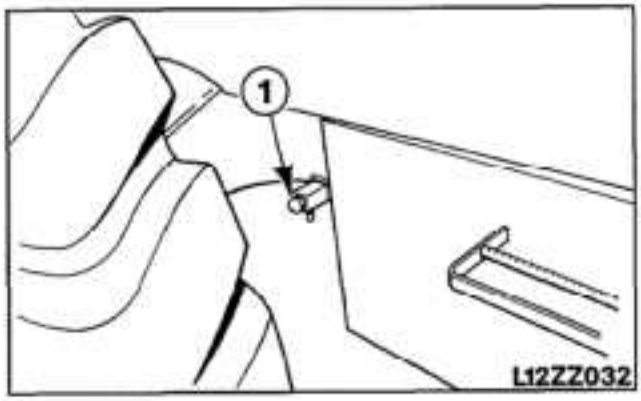
ENGINE OIL AND FILTER

★ Change the engine lubricating oil AND filter at every oil change interval.

1. Operate the engine until it reaches operating temperature. Park the machine on a level surface, apply the parking brake, lower the bucket to the ground and stop the engine.
2. Open the engine side access door on the left side of the machine.

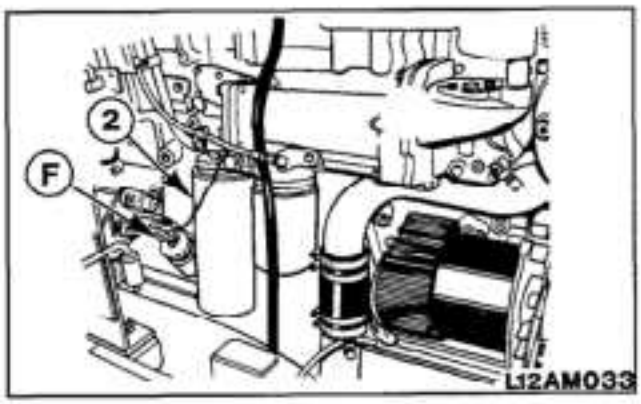
WARNING! Avoid direct contact of hot oil with your skin. Hot oil can cause personal injury.

3. Remove oil drain plug (1). Allow the oil to drain completely.



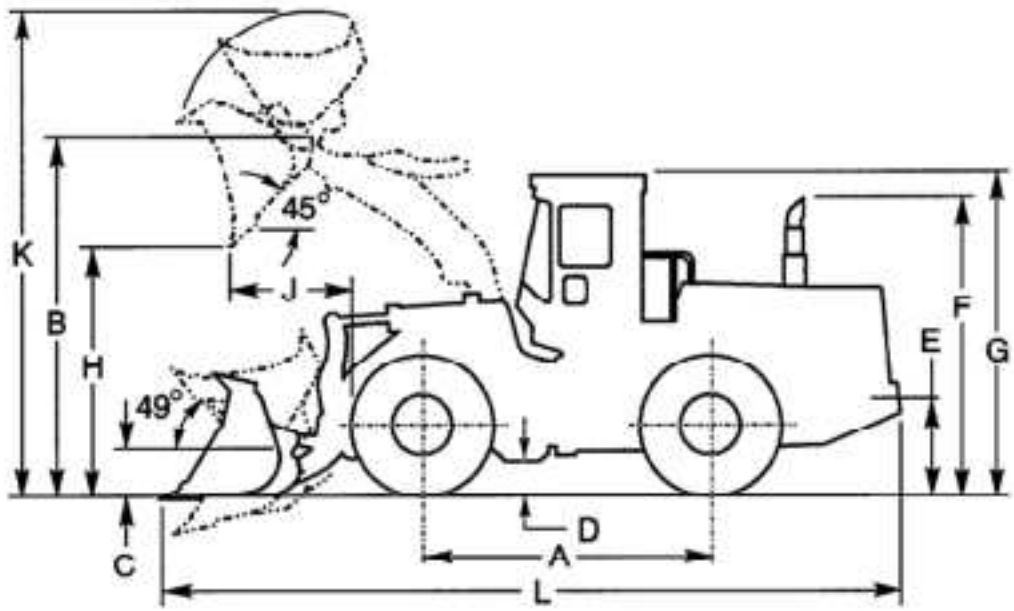
4. Clean the area around the oil filter (2).
5. Using a filter wrench, remove the oil filter (2) by turning it counterclockwise. Discard the filter in a suitable manner if they are **not** needed for any reason.
6. Clean the filter gasket surface of the filter header.

★ An oil filter O-ring may stick on the filter header. Make sure the O-ring is removed.



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DIMENSIONS



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	With General Purpose Bucket 4.3 m³ (5.6 yd³)		With Excavating Bucket 4.0 m³ (5.2 yd³)		With Spade Nose Rock Bucket 4.0 m³ (5.2 yd³)	
	26.5 x 25 Tires	29.5 x 25 Tires	26.5 x 25 Tires	29.5 x 25 Tires	26.5 x 25 Tires	29.5 x 25 Tires
Tread	2.4 m (7 ft 10 in)	2.4 m (7 ft 10 in)	2.4 m (7 ft 10 in)	2.4 m (7 ft 10 in)	2.4 m (7 ft 10 in)	2.4 m (7 ft 10 in)
Width over tires	3.1 m (10 ft 2 in)	3.2 m (10 ft 6 in)	3.1 m (10 ft 2 in)	3.2 m (10 ft 6 in)	3.1 m (10 ft 2 in)	3.2 m (10 ft 6 in)
A Wheelbase	3.5 m (11 ft 8 in)	3.5 m (11 ft 8 in)	3.5 m (11 ft 8 in)	3.5 m (11 ft 8 in)	3.5 m (11 ft 8 in)	3.5 m (11 ft 8 in)
B Hinge pin height - maximum	4.3 m (14 ft 5 in)	4.4 m (14 ft 7 in)	4.3 m (14 ft 5 in)	4.4 m (14 ft 7 in)	4.3 m (14 ft 5 in)	4.4 m (14 ft 7 in)
C Hinge pin height - carry position	0.54 m (1 ft 9 in)	0.59 m (1 ft 11 in)	0.54 m (1 ft 9 in)	0.59 m (1 ft 11 in)	0.54 m (1 ft 9 in)	0.59 m (1 ft 11 in)
D Ground clearance	0.44 m (1 ft 5 in)	0.49 m (1 ft 7 in)	0.44 m (1 ft 5 in)	0.49 m (1 ft 7 in)	0.44 m (1 ft 5 in)	0.49 m (1 ft 7 in)
E Hitch height	1.13 m (3 ft 9 in)	1.18 m (3 ft 11 in)	1.13 m (3 ft 9 in)	1.18 m (3 ft 11 in)	1.13 m (3 ft 9 in)	1.18 m (3 ft 11 in)

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