SEAM020900

Operation & Maintenance Manual

KOMATSU®

WA450-3

WHEEL LOADER

SERIAL NUMBERS **WA450-3 - 53001** and up

March 1998

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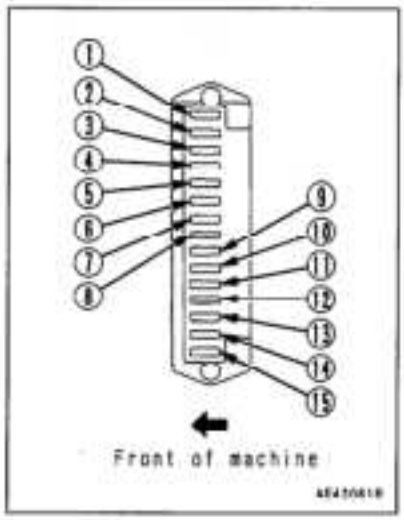
SPECIFICATIONS

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Fuse box II

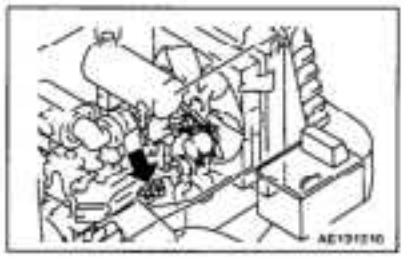
No.	Fuse capacity	Name of circuit
①	20A	Front working lamp
②	20A	Rear working lamp
③	20A	Air conditioner (if equipped)
④	20A	Air conditioner (if equipped)
⑤	20A	Wiper, washer
⑥	10A	Auto shift
⑦	10A	Cigarette lighter, radio
⑧	10A	Rotating lamp (if equipped)
⑨	-	-
⑩	10A	Auto-greasing (if equipped)
⑪	10A	Spare
⑫	10A	Spare
⑬	10A	Spare
⑭	10A	Spare
⑮	10A	Spare



11.11 SLOW-BLOW FUSE

If the power does not come on when the starting switch is turned ON, the slow-blow fuse may be blown, so check and replace it.

The slow blow fuse is beside the engine on the left side of the machine.



SLOW-BLOW FUSE

① 120A: Heater relay (electrical intake air heater)
② 80A: Main power
③ 30A: Battery power (starting switch, hazard)

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12.9 OPERATION OF WORK EQUIPMENT

Lift arm control lever ① and bucket control lever ② can be used to operate the lift arm and bucket as follows.



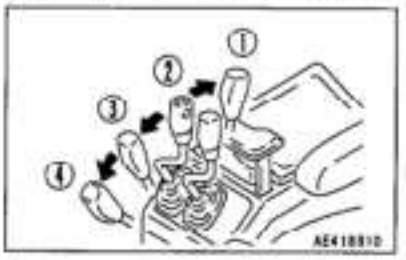
LIFT ARM OPERATION (LEVER ①)

① Raise (↘)

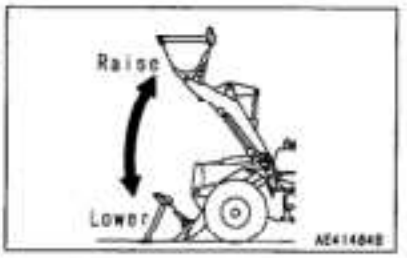
② Hold (⇆): The lift arm is kept in the same position.

③ Lower (↗)

④ Float (⇗): The lift arm moves freely under external force.



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



NOTICE

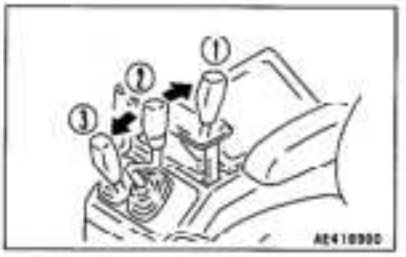
Do not use the FLOAT position when lowering the bucket.

BUCKET OPERATION (LEVER ②)

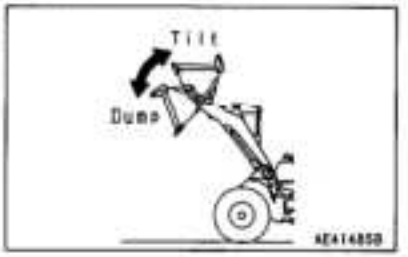
① Tilt (↖)

② Hold (⇆): The bucket is kept in the same position.

③ Dump (↘)



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 return to the hold position.



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19. WEAR PARTS LIST

Wear parts such as the filter element, air cleaner element, bolt on edge, etc. are to be replaced at the time of periodic maintenance or before their abrasion limits.

The wear parts should be changed correctly in order to use the machine economically.

For part change, Komatsu genuine parts of excellent quality should be used.

When ordering parts, please check the part number in the parts book.

The parts in parentheses are to be replaced at the same time.

Item	Part No.	Part Name	Q'ty	Replacement frequency
Engine oil filter	600-211-1231	Cartridge	1	EVERY 250 HOURS
Fuel filter	600-311-6293	Cartridge	1	EVERY 500 HOURS
Transmission oil filter	424-16-11140 (424-16-11130) (419-15-14860) (07002-01223) (419-15-14870)	Element (O-ring) (O-ring) (O-ring) (Gasket)	1 (1) (1) (1) (1)	EVERY 500 HOURS
Transmission strainer	07000-12085	O-ring	1	EVERY 1000 HOURS
Corrosion resistor	600-411-1151	Cartridge	1	EVERY 1000 HOURS
Hydraulic filter	07063-01142 (07000-15175)	Element (O-ring)	2 (2)	EVERY 2000 HOURS
Hydraulic tank breather	285-62-17320	Element	1	EVERY 2000 HOURS
Air cleaner	6125-81-7032	Element ass'y	1	-
Air conditioner air filter	421-07-12312	Element	2	-
Bolt on edge	421-815-1111 421-815-1121 (02090-11485) (02290-11422) (01643-32260)	Center edge Side edge (Bolt) (Nut) (Washer)	1 2 (16) (16) (16)	-

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