TEN00351-02

Operation & Maintenance Manual

WHEEL LOADER **WA500-6**

SERIAL NUMBERS 55450 and up

ecot3

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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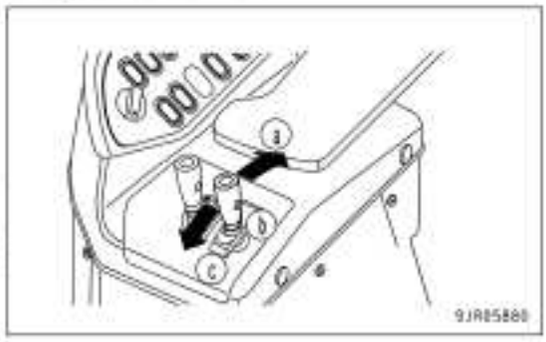
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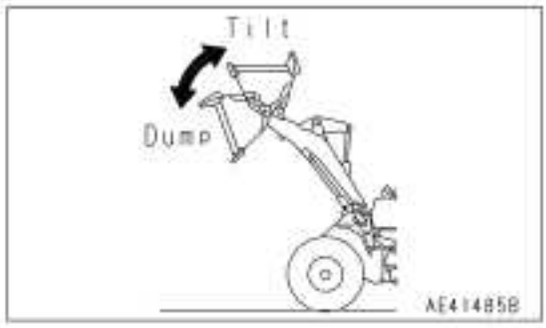
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BUCKET CONTROL LEVER

Set the work equipment lock lever to the FREE position before operating the control lever.
Position (a): TILT
Position (b): HOLD
The bucket is stopped and held in position.
Position (c): 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 returned to the HOLD position.





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SERVICE PROCEDURE

INITIAL 10 HOURS SERVICE (SERVICE FOR FIRST 50 HOURS ON NEW MACHINE)

Carry out the following maintenance every 10 hours for the first 50 hours of operation of a new machine.

- Lubricating

For details of the method of replacing or maintaining, see the section on EVERY 100 HOURS and 250 HOURS SERVICE.

INITIAL 250 HOURS SERVICE

Perform the following maintenance only after the first 250 hours.

- Replace transmission oil filter element
- Replace hydraulic tank filter element

For details of the method of replacing or maintaining, see the section on EVERY 1000 HOURS and 2000 HOURS SERVICE.

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SPECIFICATIONS

	Item			Uint	WA500-6
	Operating weight (including 1 operator: 80 kg (176 lb))			kg (lb)	32220 (71030)
	Normal load			kg (lb)	9250 (20396)
	Bucket capacity (with bolt on cutting edge (BOC))			m^3 (cu.yd)	5.6 (7.3)
	Engine model			-	Komatsu SAA6D140E-5 diesel engine
	Engine horsepower	Economy mode		kW(HP)/rpm	256{343}/1800
		Power mode		kW(HP)/rpm	263{353}/1900
A	Overall length (Tip of bucket / BOC)			mm (ft in)	9670 (31' 9")/9815 (32' 2")
B	Overall height			mm (ft in)	3785 (12' 5")
C	Bucket overall height			mm (ft in)	6430 (21' 1")
D	Overall width			mm (ft in)	3190 (10' 6")
E	Min. ground clearance			mm (ft in)	450 (1' 6")
F	Bucket width (cutting edge width)			mm (ft in)	3400 (11' 2")
G	Clearance	Tip of bucket		mm (ft in)	3405 (11' 2")
		BOC		mm (ft in)	3295 (10' 10")
H	Reach	Tip of bucket		mm (ft in)	1445 (4' 7")
		BOC		mm (ft in)	1500 (4' 11")
I	Dump angle			degrees	46
	Min. turning radius	Outside of chassis (Tip of bucket / BOC)		mm (ft in)	7610 (25')/7650 (25' 1")
		Center of outside tire		mm (ft in)	6430 (21' 1")
	Permissible towing load			kg (N)	24360 (238890)
	Travel speed (Economy mode) [in lock-up]	Forward	1st	km/h (MPH)	7.3 (4.5)
			2nd	km/h (MPH)	12.5 (7.8) [13.5 (8.4)]
			3rd	km/h (MPH)	20.9 (13.0) [22.2 (13.8)]
			4th	km/h (MPH)	32.1 (19.9) [36.7 (22.8)]
		Reverse	1st	km/h (MPH)	8.1 (5.0)
			2nd	km/h (MPH)	13.0 (8.1) [15.1 (9.4)]
			3rd	km/h (MPH)	23.2 (14.4) [25.0 (15.5)]
			4th	km/h (MPH)	35.0 (21.7) [41.0 (25.5)]
	Travel speed (Power mode) [in lock-up]	Forward	1st	km/h (MPH)	7.7 (4.8)
			2nd	km/h (MPH)	12.5 (7.8) [14.2 (8.9)]
			3rd	km/h (MPH)	22.3 (13.9) [23.4 (14.6)]
			4th	km/h (MPH)	34.9 (21.7) [38.8 (24.3)]
		Reverse	1st	km/h (MPH)	8.6 (5.3)
			2nd	km/h (MPH)	13.0 (8.1) [15.9 (9.9)]
			3rd	km/h (MPH)	24.8 (15.4) [26.2 (16.4)]
			4th	km/h (MPH)	37.5 (23.3) [43.2 (27.0)]

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