Operation & Maintenance Manual

TEN00071-00

WA30-5
WA50-3

WHEEL LOADER

SERIAL NUMBERS WA30-26001 and up
WA50-23001

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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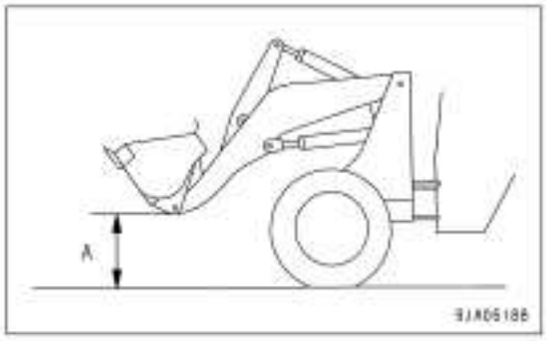
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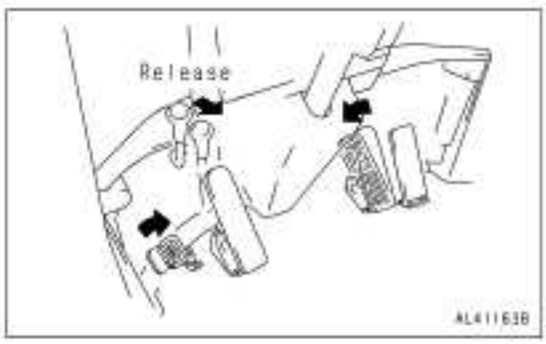
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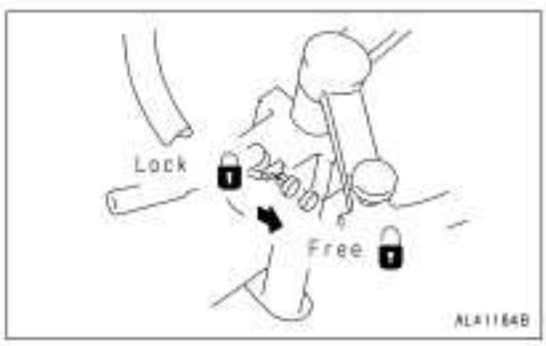
3. Operate work equipment control lever (2) to raise the bucket to height "A" (25 - 45 cm (10 to 18 in) above the ground), then tilt the bucket back.

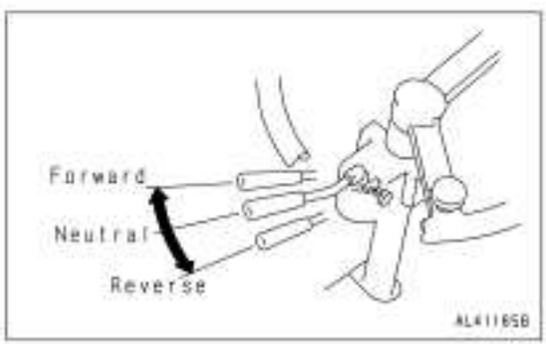


4. Depress brake pedal (4), then pull parking brake release lever (5) back to release the parking brake.
If the parking brake is still locked, the machine will not move even if the directional lever is operated. (It is equipped with a mechanism to prevent the parking brake from dragging.)



5. Set directional lock knob (6) of directional lever (7) to the FREE position, then set directional lever (7) to the desired position.





6. Release brake pedal (4), then depress accelerator pedal (8) to move the machine off.



REMARK
When starting on a slope, depress the left brake pedal, then depress the accelerator pedal and slowly release the brake pedal to allow the machine to start.

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MAINTENANCE SCHEDULE CHART

MAINTENANCE SCHEDULE CHART

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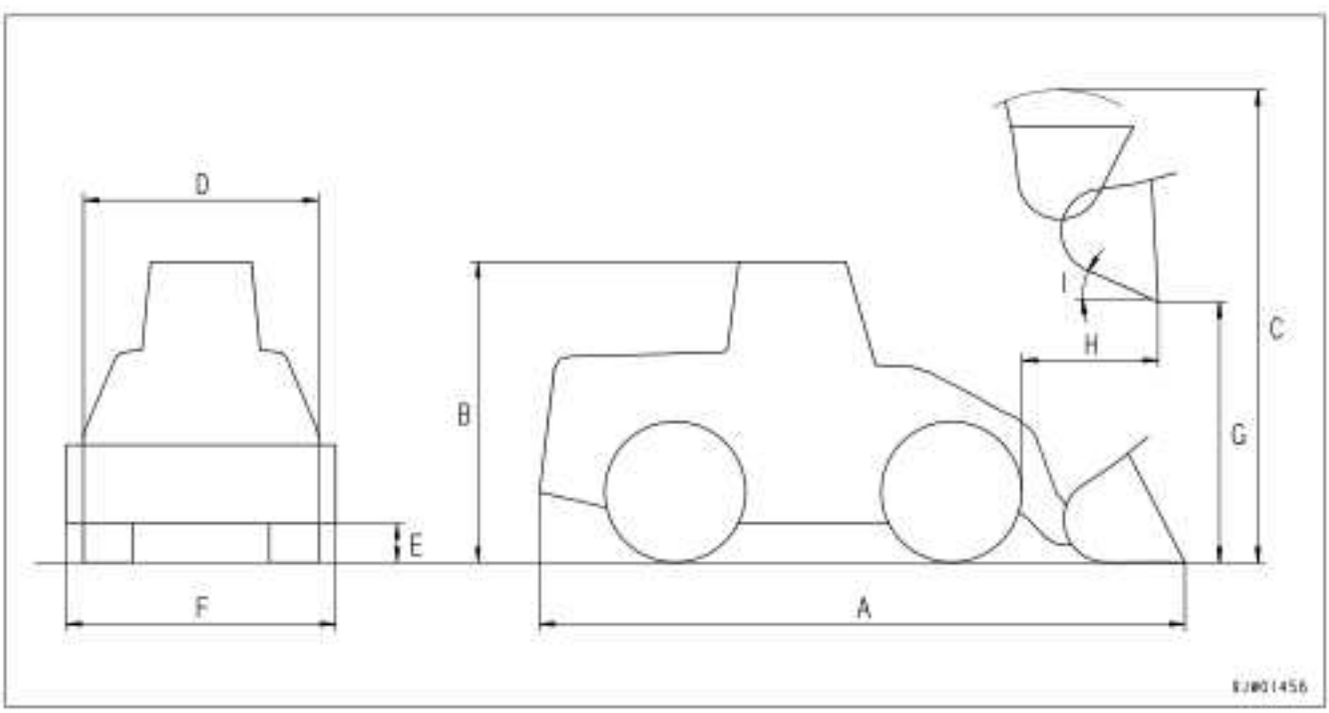
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SPECIFICATIONS

	Item			Unit	WA30	WA50
	Operating weight (including 1 operator: 75 kg (165 lb).)		Canopy specification	kg (lb)	2,575 (5,678)	3,475 (7,662)
			Cab specification	kg (lb)	2,705 (5,965)	3,605 (7,949)
	Normal load			kg (lb) {N}	640 (1,411) {6,280}	960 (2,117) {9,410}
	Bucket capacity		Heaped	m^3(cu.yd)	0.4 (0.52)	0.6 (0.78)
	Engine model			-	Komatsu 3D84E-5 diesel engine	Komatsu S3D84E-5 diesel engine
	Flywheel horsepower			kW (HP)/rpm	21.3 (28.6)/2,500	26.8 (36.0)/2,500
A	Overall length			mm (ft in)	3,975 (13')	4,550 (14' 11")
B	Overall height	With cab/canopy		mm (ft in)	2,455 (8' 1")	2,495 (8' 2")
		Without cab/canopy		mm (ft in)	1,860 (6' 1")	1,900 (6' 3")
C	Max. dimension when shaking bucket			mm (ft in)	3,375 (11' 1")	3,925 (12' 11")
D	Overall width			mm (ft in)	1,495 (4' 11")	1,655 (5' 5")
E	Min. ground clearance			mm (ft in)	270 (11")	310 (1')
F	Bucket width			mm (ft in)	1,575 (5' 2")	1,690 (5' 7")
G	Dumping clearance		Cutting edge	mm (ft in)	2,140 (7')	2,475 (8' 1")
H	Dumping reach		Cutting edge	mm (ft in)	785 (2' 7")	900 (2' 11")
I	Dumping angle			degrees	45	
	Min. turning radius	Outside of chassis		mm (ft in)	3,610 (11' 10")	3,930 (12' 11")
		Center of outside tire		mm (ft in)	3,060 (10')	3,210 (10' 6")
	Travel speed	Forward		km/h (MPH)	15.0 (9.3)	15.0 (9.3)
		Reverse		km/h (MPH)	15.0 (9.3)	15.0 (9.3)



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