Operation & Maintenance Manual

SEAMA4250101

WA500-1L

WHEEL LOADER

SERIAL NUMBERS **WA500-1L : A20051** and up

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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PEDAL AND LEVERS

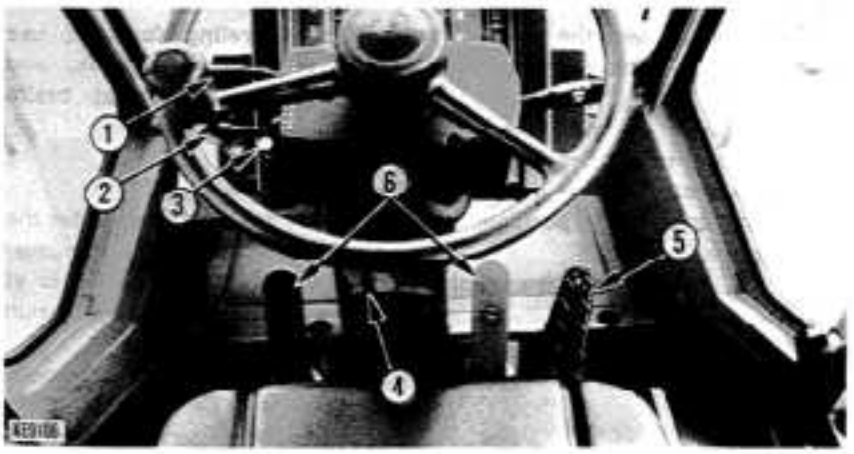
1. DIRECTIONAL LEVER



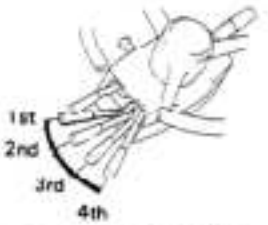
This lever is used to change the direction of travel of the machine.

① Forward
② Reverse
Ⓝ Neutral

★ The engine cannot be started if the directional lever is not at N (neutral).



2. SPEED CONTROL LEVER



This lever controls the travel speed of machine.

This machine has a 4-FORWARD, 4-REVERSE speed transmission. Place the speed control lever in a suitable position to obtain the desired speed range.

1st and 2nd speeds are used for working.

3rd and 4th speeds are used for traveling.

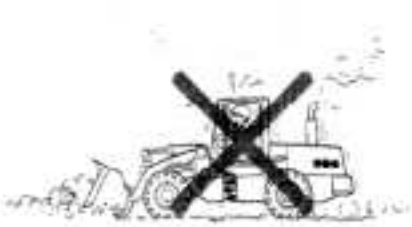
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No.	ITEM	SERVICE	PAGE
	INITIAL 250 HOURS SERVICE		
a	Fuel filter	Replace cartridge	73
b	Transmission oil filter	Replace element	73
c	Engine valve clearance	Check and adjust	73
	EVERY 250 HOURS SERVICE		
a	Engine oil pan and filter	Change oil and replace cartridge	74
b	Fan belt	Check tension	75
c	Alternator belt	Check tension	76
d	Air conditioner compressor belt	Check tension	77
e	Lubricating		78
-1	Bucket link pin	Lubricate 2 points	79
-2	Dump cylinder pin	Lubricate 2 points	79
-3	Lift cylinder pin	Lubricate 4 points	79
-4	Lift arm pivot pin	Lubricate 2 points	79
-5	Tilt lever pin	Lubricate 1 point	79
-6	Steering cylinder pin	Lubricate 4 points	79
f	Wheel hub nuts	Check and retighten	80

No.	ITEM	SERVICE	PAGE
	EVERY 500 HOURS SERVICE		
a	Fuel filter	Replace cartridge	81
b	Transmission oil filter	Replace element	82
c	Lubricating		82
-1	Center drive shaft spline	Lubricate 1 point	82
d	Air dryer	Check	83
	EVERY 1000 HOURS SERVICE		
a	Transmission case	Change oil and clean strainer	84
b	Transmission case breather	Clean	85
c	Lubricating		86
-1	Center hinge pin	Lubricate 2 points	86
-2	Front drive shaft	Lubricate 3 points	86
-3	Drive shaft center support	Lubricate 1 point	86
-4	Center drive shaft	Lubricate 2 points	86
-5	Rear drive shaft	Lubricate 3 points	87
-6	Center upper drive shaft	Lubricate 2 points	87
-7	Damper	Lubricate 1 point	87

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ATTENTION TO SURROUNDINGS



- Always be aware of the operating capacity of the machine. Using the machine to do work beyond its capacity will not only damage the machine, but may even cause unexpected accidents.



- The machine condition can be judged from many factors. Changes in the gauges, sound, vibration, exhaust gas color or response of the control levers can indicate the occurrence of some disorder. If any disorder occure, park the machine immediately in a safe place and take appropriate action.



- To ensure the safety of workers near the machine, always sound the horn to warn them before starting the engine and moving the machine. Be particularly careful to check that the rear is clear before backing the machine.

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