SEAM021500

Operation & Maintenance Manual

KOMATSU®

WA250-3

WHEEL LOADER

SERIAL NUMBERS **WA250-3 - 53001** and up

March 1998

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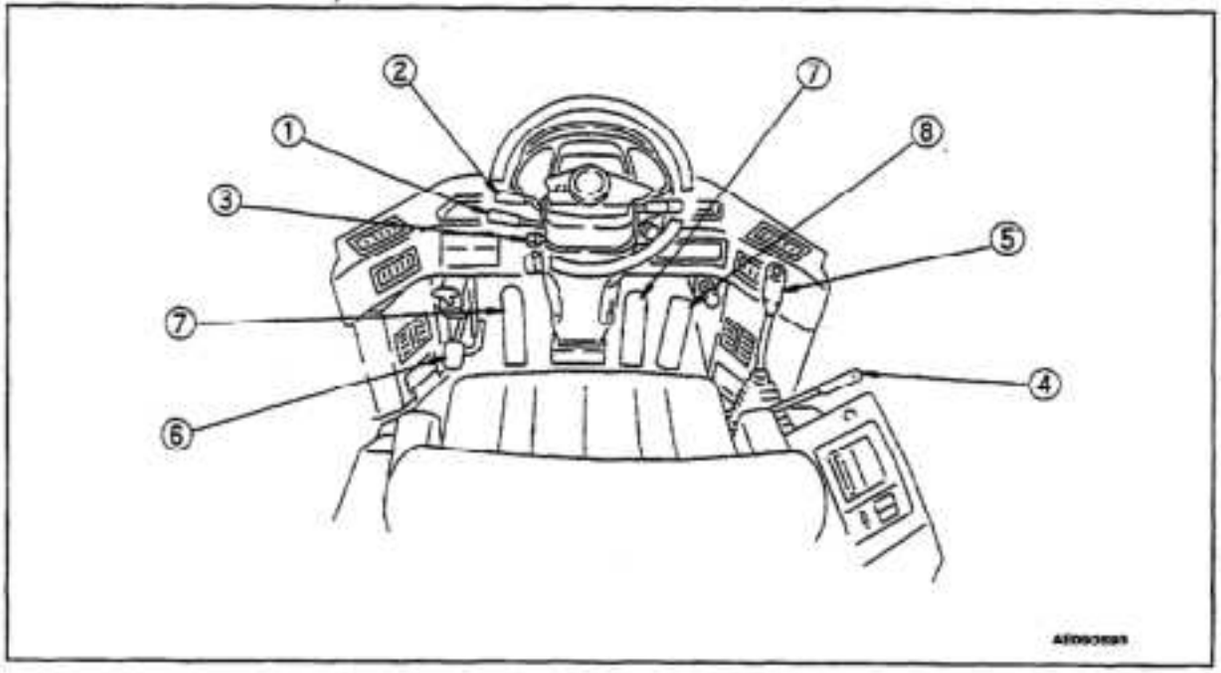
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11.3 CONTROL LEVERS, PEDAL



1. SPEED CONTROL LEVER



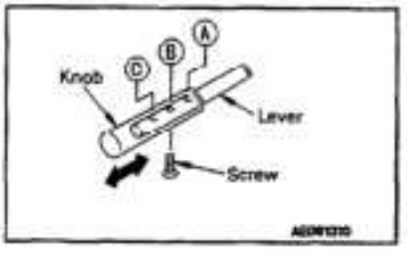
This lever controls the travel speed of the machine.
This machine has a 4-FORWARD, 4-REVERSE speed transmission

Place the speed control lever into the desired speed range.
1st and 2nd speeds are used for working.
3rd and 4th speeds are used for traveling.

Position (1): 1st
Position (2): 2nd
Position (3): 3rd
Position (4): 4th

REMARKS

The length of the lever can be adjusted to 3 stages (positions **A, B, C**). To adjust the length, remove the screw at the bottom of the lever knob, slide the knob to the desired position, then tighten the screw again.
(The lever is installed to position **B** when it is shipped from the factory.)



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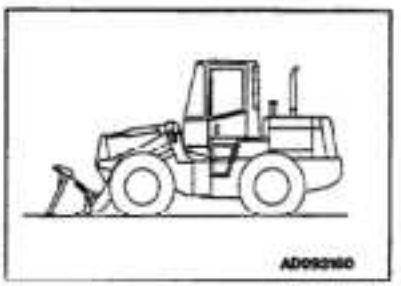
17. GUIDES TO MAINTENANCE

Do not carry out any inspection and maintenance operation that is not given in this manual.

Perform maintenance work on hard, flat ground.

Set to the inspection and maintenance posture.
Always carry out inspection with the machine in the following posture unless otherwise specified.

- Lower the work equipment to the ground and set in the posture shown in the diagram on the right.
- Set all control levers to the neutral or HOLD position.
- Set the safety levers to the LOCK position.
- Press the parking brake switch to apply the parking brake.
- Put blocks in front and behind the tires.
- Lock the front and rear frames with the safety bar.



Check service meter:
Check the service meter reading every day to see if it is time for any necessary maintenance to be carried out.

Komatsu genuine replacement parts:
Use genuine Komatsu parts specified in the Parts Book as replacement parts.

Komatsu genuine oils:
Use genuine Komatsu oils and grease. Choose oils and grease with proper viscosities specified for ambient temperature.

Always use clean washer fluid:
Use automobile window washer fluid and be careful not to let any dirt get into it.

Always use clean oil and grease:
Use clean oil and grease. Also, keep containers of the oil and grease clean. Keep foreign materials away from oil and grease.

Keeping the machine clean:
Always keep the machine clean. This makes it easier to find parts causing problems. In particular keep grease fittings, breathers and oil level gauges clean and avoid foreign matters from getting in them.

Be careful of hot water and oil:
Draining hot oils and coolants and removing their filters immediately after the engine stops are hazardous. Allow the engine to cool.
If the oil has to be drained when it is cold, warm up the oil to a suitable temperature (approx. 20 - 40°C (68 - 104°F)) before draining it.

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25. SPECIFICATIONS

WA250-3

PERFORMANCE			
• Bucket capacity (Heaped) (with bolt on cutting edge)			2.1 m³ (2.7 cu.yd)
• Normal load			3360 kg (7410 lb)
• Travel speed	FORWARD	1st	7.8 km/h (4.8 mph)
		2nd	12.0 km/h (7.5 mph)
		3rd	21.2 km/h (13.2 mph)
		4th	34.5 km/h (21.4 mph)
	REVERSE	1st	8.1 km/h (5.0 mph)
		2nd	12.3 km/h (7.6 mph)
		3rd	21.8 km/h (13.5 mph)
		4th	35.0 km/h (21.7 mph)
• Max. rimpull			9500 kg (93160 N)
• Min. turning radius	Outside of chassis		5780 mm (18 ft 11 in)
	Center of outside tire		4950 mm (16 ft 3 in)
• **WEIGHT**			
• Operating weight (includes 1 operator: 80 kg (176 lb) with bolt on cutting edge)			10760 kg (23725 lb)
• **ENGINE**			
• Model			Komatsu S6D102E-1 diesel engine
• Gross power			118 hp
• Net horsepower @ 2400 RPM			95 kW (127 hp)
• Max. torque (gross) @ 1600 RPM			468 N•m (47.8 kgm)
• Starter motor			24V 4.5 kW
• Alternator			24V 50A
• Battery (quantity 2)			12V 110 Ah

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