SEAM004001

Operation & Maintenance Manual

KOMATSU®

WA800-2

WHEEL LOADER

SERIAL NUMBERS **WA800-2 - 10710** and up

May 1997

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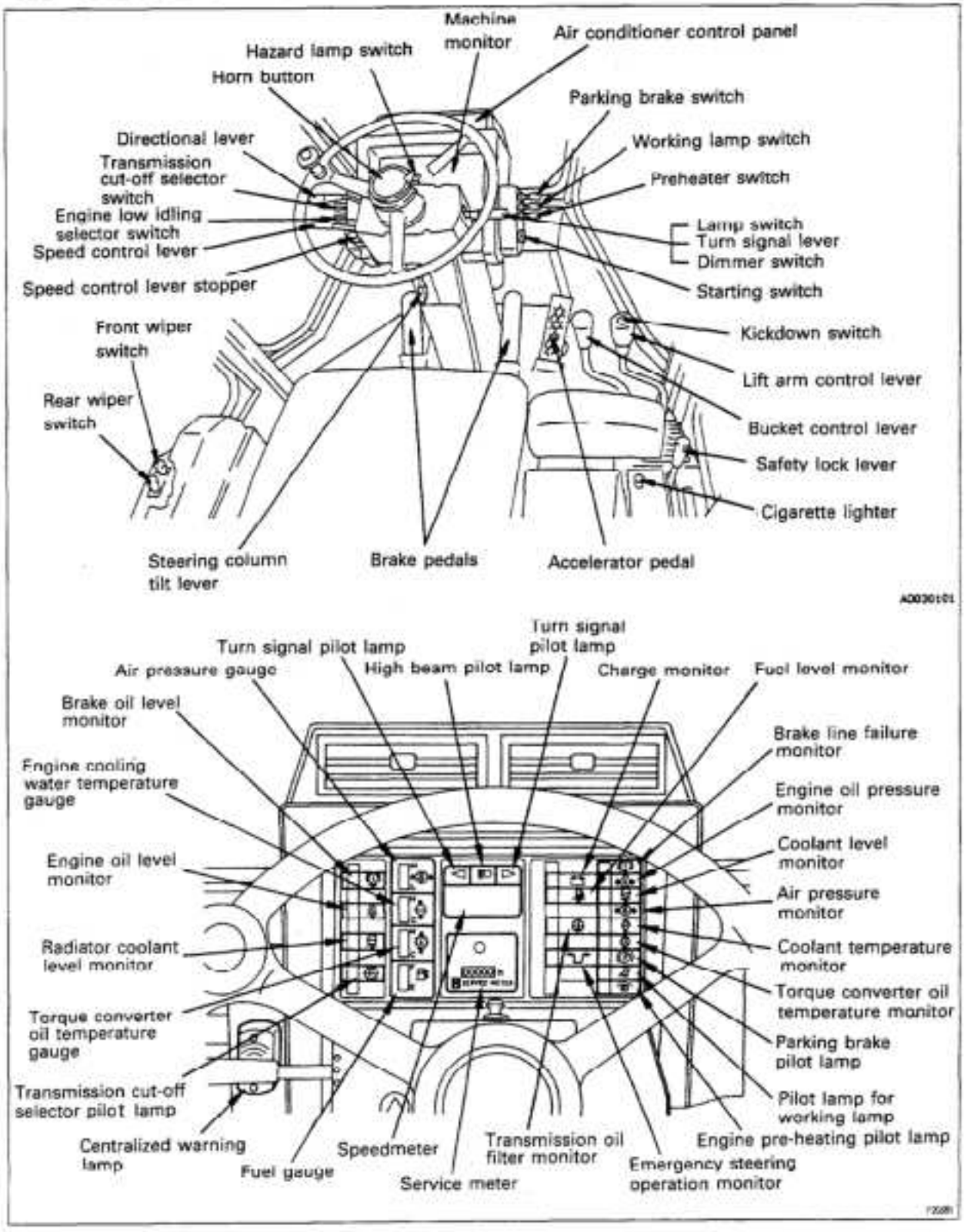
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10.2 GENERAL VIEW OF CONTROLS AND GAUGES



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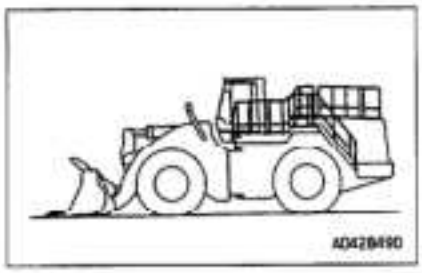
17. GUIDES TO MAINTENANCE

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 operations 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 lever 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 the time has come for any necessary maintenance to be carried out.

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

Komatsu genuine oils:
Use Komatsu genuine 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 is easier to find parts causing problems. In particular, keep grease fittings, breathers and oil level gauges clean and avoid foreign materials from getting in them. After disconnecting the connector, cover it with a vinyl bag to prevent oil or dust from sticking to its contact section.

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) before draining it.

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25. SPECIFICATIONS

WA800-2

PERFORMANCE			
• Bucket capacity (Heaped) (Straight edge without teeth)			10.5 m^3 (13.7 cu.yd)
• Normal load			18900 kg (41675 lb)
• Travel speed	Forward	1st	7.0 km/h (4.3 MPH)
		2nd	12.3 km/h (7.6 MPH)
		3rd	28.0 km/h (17.4 MPH)
	Reverse	1st	7.1 km/h (4.4 MPH)
		2nd	12.4 km/h (7.7 MPH)
		3rd	28.3 km/h (17.6 MPH)
• Max. rimpull			60000 kg (588000 N)
• Min. turning radius	Outside of chassis		10910 mm (35 ft 10 in)
	Center of outside tire		9210 mm (30 ft 3 in)
WEIGHT			
• Operating weight (including 1 operator: 80 kg.)			89500 kg (197140 lb)
ENGINE			
• Model			Komatsu SA12V140 diesel engine
• Flywheel horsepower			588 kW (789 HP)/2000 rpm
• Max. torque			3727 Nm (380 kgm)/1400 rpm
• Starting motor			24 V 7.5 kW x 2 pieces
• Alternator			24 V 50 A
• Battery			12 V 200 Ah x 4 pieces (N200)

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