Operation & Maintenance Manual

VEAM945101

WA250PZ-5

WHEEL LOADER

SERIAL NUMBERS H50051 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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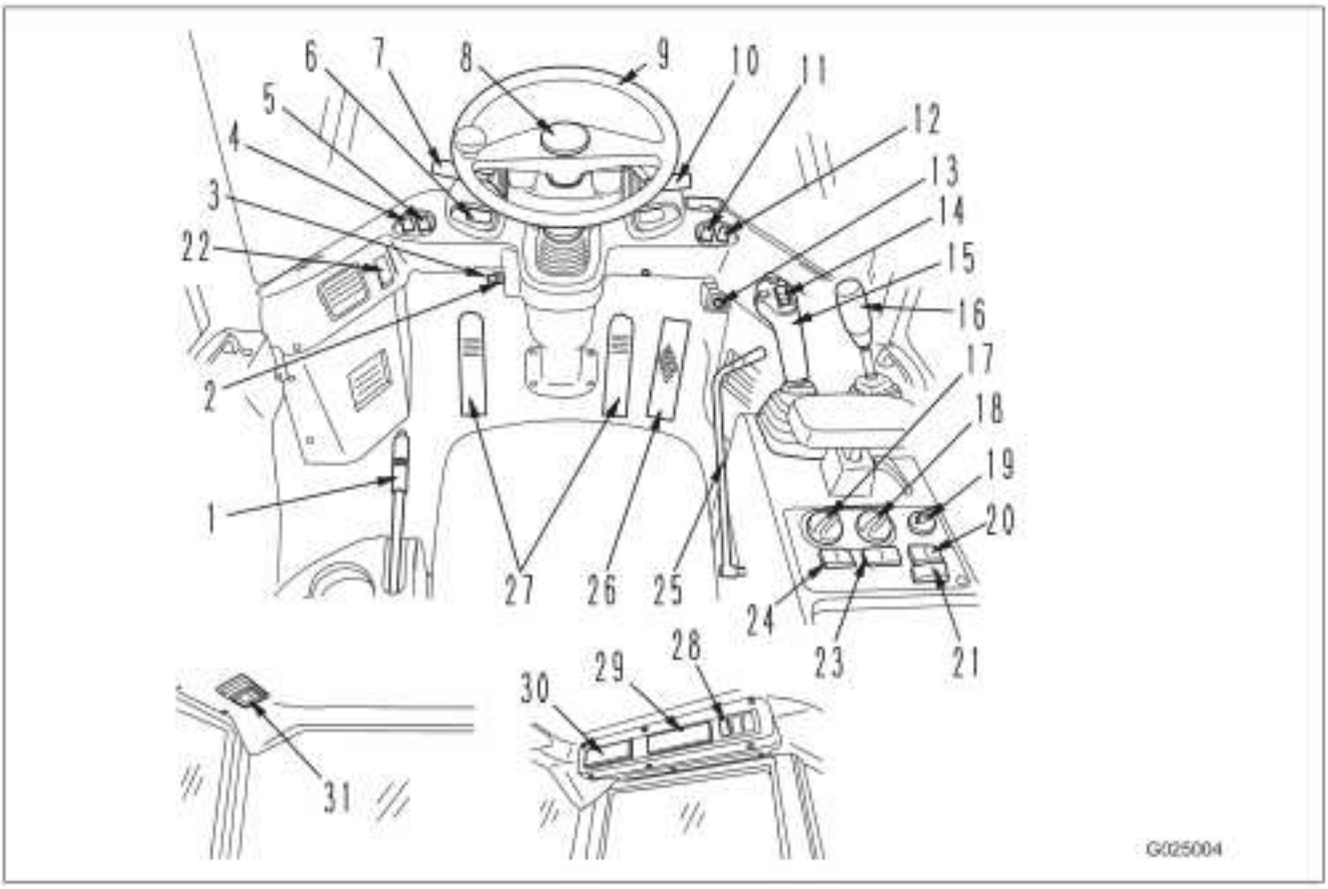
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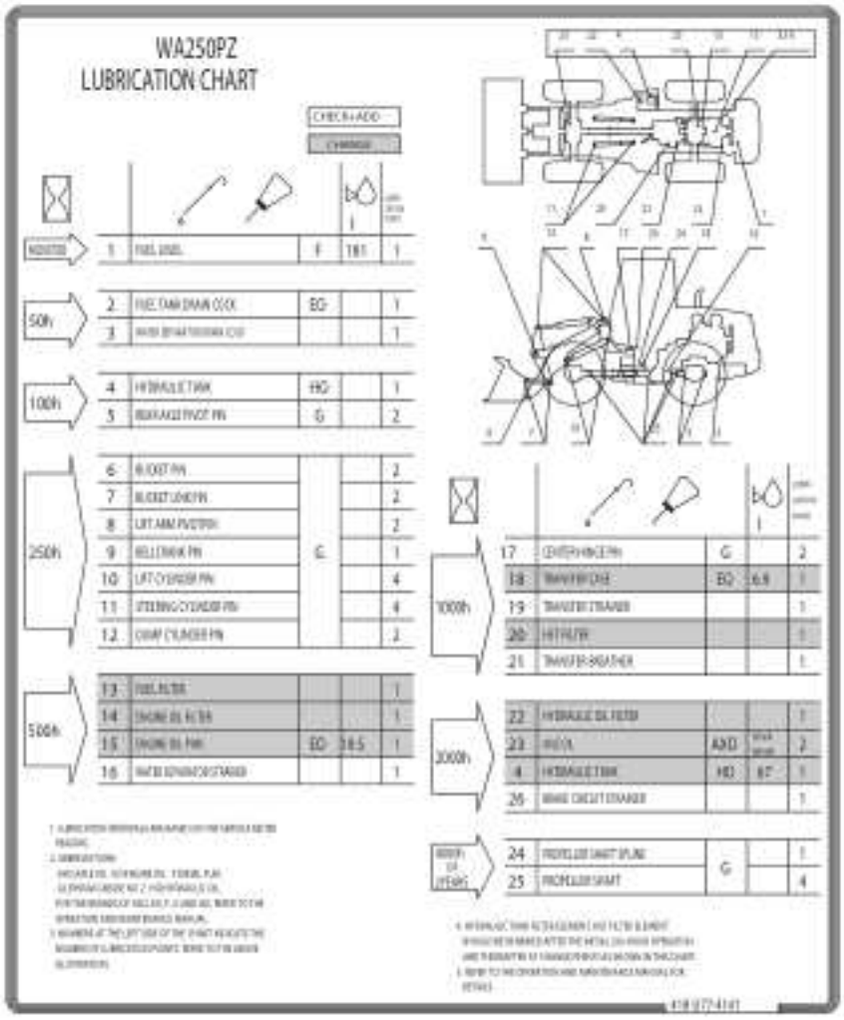
General view of controls and gauges



(1) Parking brake lever	(16) Auxiliary control lever (Option)
(2) Rear wiper switch	(17) Variable shift control switch
(3) Front wiper switch	(18) Speed range selector switch
(4) Front working lamp switch	(19) Start switch
(5) Rear working lamp switch	(20) Traction control switch
(6) Hazard lamp switch	(21) Attachment selection switch (Option)
(7) Directional lever	(22) Quick coupler switch (Option)
(8) Horn switch	(23) E.C.S.S. switch (option)
(9) Steering wheel	(24) Directional selector actuation switch
(10) Lamp switch	(25) Safety lock lever
(10) Turn signal lever	(26) Accelerator pedal
(10) Dimmer switch	(27) Brake pedal
(11) Monitor panel mode selector switch 1	(28) Rear heated wire glass switch
(12) Monitor panel mode selector switch 2	(29) Air conditioner panel
(13) Cigarette lighter	(30) Radio
(14) Directional selector switch	(31) Room lamp switch
(15) Work equipment control lever	

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Lubrication chart



1. Lubrication intervals are based on the service meter reading.
2. Abbreviations:
   EO = Engine Oil, G = Lithium Grease No. 2, F = Diesel Fuel, AXO = Axle Oil, HO = Hydraulic Oil.
3. Numbers at the left side of the chart indicate the number of lubrication points. Refer to the above illustration.
4. Fuel filter, engine oil filter, HST filter element should be renewed after the initial 250-hour operation and thereafter at change period as shown in this chart.
5. Refer to operation and maintenance manual for details.

Binding is the maintenance schedule chart in operation and maintenance manual on page 4-18.

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Technical data

(Pin on version)

	Item			Unit	
	Operating weight (including 1 operator: 80 kg (176 lb).)			kg (lb)	12,275 (27,066)
	Rated load			kg (lb)	3,680 (8,114)
	Bucket capacity (with BOC)	Heaped		m (cu.yd)	2.3 (3.0)
	Engine model			-	Komatsu SAA6D102E diesel engine
	Flywheel horsepower			kW (HP)/rpm	101 (136) / 2,000
A	Overall length (Bucket on ground with BOC)			mm	7,245
B	Overall height			mm	3,240
C	Max. dimension when shaking bucket			mm	5,230
D	Overall width (over tyres)			mm	2,470
E	Min. ground clearance			mm	460
F	Bucket width			mm	2,550
G	Clearance	Cutting edge		mm	2,960
H	Reach	Cutting edge		mm	930
I	Dump angle			degrees	48
	Min. turning radius	Out of chassis		mm	5,800
		Center of outside tire		mm	5,240
	Travel speed	Forward	1st	km/h (MPH)	4.0 - 13.0 (2.5 - 8.1)
			2nd	km/h (MPH)	13.0 (8.1)
			3rd	km/h (MPH)	18.0 (11.2)
			4th	km/h (MPH)	38.0 (23.6)
		Reverse	1st	km/h (MPH)	4.0 - 13.0 (2.5 - 8.1)
			2nd	km/h (MPH)	13.0 (8.1)
			3rd	km/h (MPH)	18.0 (11.2)
			4th	km/h (MPH)	38.0 (23.6)
	Hydraulic pressure	Lift circuit Tilt circuit Third control circuit		bar	210

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