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OPERATION & MAINTENANCE MANUAL

KOMATSU

WA120-1LC

WHEEL LOADER

SERIAL NUMBERS
WA120-1LC A20001 and up

MAR 94

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7. BRAKE PEDALS

Right brake pedal

The right brake pedal operates the wheel brakes, and is used for normal braking.

WARNING! When traveling downhill, use the engine as a brake, and always use the right brake pedal.

Left brake pedal

The left brake pedal operates the wheel brakes, and if the transmission cut-off selector switch is at ON, it **also** returns the transmission to neutral.

WARNING! Do not use the brake pedals repeatedly unless necessary.

WARNING! Do not use the brake pedals as footrests. Use them only when applying the brakes.

★ When the accelerator is being used for operating the work equipment, always use the left brake pedal to slow or stop the machine after putting the transmission cut-off selector switch in ON.

WARNING! For machines with a booster, when the engine is stopped, the operating force of the brake pedal becomes 3.5 times greater than normal.

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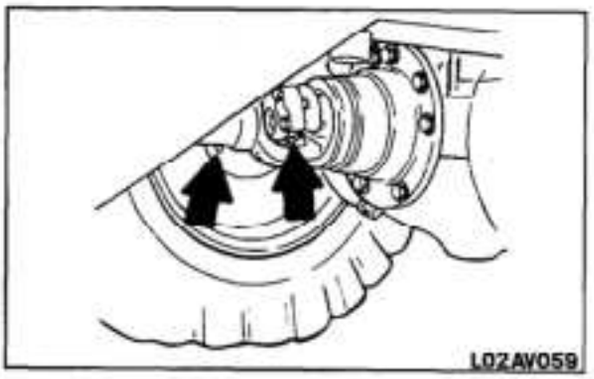
EVERY 1000 HOURS SERVICE

★ **Maintenance done for every 50, 100, 250 and 500 hours should be carried out at the same time.**

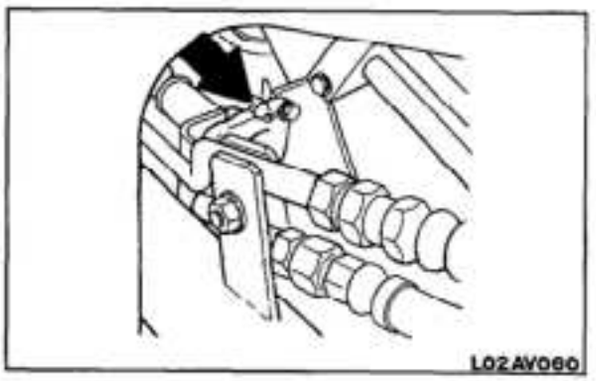
LUBRICATING

Apply grease to the grease fittings shown by arrows.

1. Front drive shaft (2 points)



2. Drive shaft center support (1 point)



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SPECIFICATIONS

Bucket type		General Purpose Bolt-On Cutting Edge		Excavating Bolt-On Cutting Edge		Light Material Bolt-On Cutting Edge	
Bucket Capacity	SAE Rated	1.75 yd³	1.4 m³	1.50 yd³	1.2 m³	2.25 yd³	1.7 m³
	Struck	1.58 yd³	1.2 m³	1.30 yd³	1.0 m³	1.90 yd³	1.45 m³
Bucket Width		7'10"	2390 mm	7'10"	2390 mm	7'10"	2390 mm
Bucket Weight		1290 lbs	585 kg	1255 lbs	570 kg	1445 lbs	655 kg
Static Tipping Loads	Straight	13,812 lbs	6265 kg	13,880 lbs	6295 kg	13,635 lbs	6185 kg
	Full Turn	11,995 lbs	5440 kg	12,060 lbs	5470 kg	11,860 lbs	5380 kg
Dumping Clearance, max. height and 40° dump angle		8'8"	2650 mm	8'9.5"	2680 mm	8'4"	2550 mm
Reach @ 7', 2130 mm cutting edge clearance and 45° dump angle		4'5"	1345 mm	4'4"	1330 mm	4'7"	1300 mm
Reach at max. height and 45° dump angle		3'1"	950 mm	3'0"	920 mm	3'7"	1095 mm
Reach with arm horizontal and bucket level		6'4"	1930 mm	6'2"	1890 mm	6'10"	2075 mm
Operating Height	(fully raised)	14'7"	4440 mm	14'5"	4390 mm	15'0"	4580 mm
Overall Length	Bucket ground	19'4"	5900 mm	19'3"	5860 mm	19'10"	6045 mm
	Bucket at carry	19'3"	5870 mm	19'2"	5845 mm	19'7"	5965 mm
Turning radius (bucket at carry, outside corner of bucket)		16'8"	5090 mm	16'7"	5065 mm	16'9"	5115 mm
Digging Depth	0°	2.2"	55 mm	2.2"	55 mm	2.2"	55 mm
	10°	8.3"	210 mm	8.3"	210 mm	9.3"	235 mm
Breakout force		19,470 lbs	8830 kg	20,570 lbs	9330 kg	16,800 lbs	7620 kg
Operating Weight		17,970 lbs	8150 kg	17,935 lbs	8135 kg	18,125 lbs	8220 kg

NOTE: All specifications are subject to change without notice.

- All dimensions, weights and performance values based on SAE J-732C and J-742B standards.
- Static tipping load and operating weight shown include 17.5-25, 12PR (L2) tires, lubricant, coolant, full fuel tank, ROPS cab, front fenders, additional counterweight and operator. Machine stability and operating weight are affected by counterweight, tire size and other attachments.

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