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OPERATION & MAINTENANCE MANUAL

KOMATSU®

WA180-1LC

WHEEL LOADER

SERIAL NUMBERS
WA180-1LC A75001 and up

MAR 94

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METHOD OF OPERATION

OPERATION OF CONTROL PANEL

PURPOSE		SWITCH AND LEVER POSITIONS			
		Fan Speed Switch	Air Conditioner Switch	Temperature Control Lever	Air Intake Selector Lever
Cooling	Quick	HI	ON	Full left	Left
	Normal	HI - LO	ON	Full left to near center	Right
Dehumidifying and heating		HI - LO	ON	Center to near right	Right
Heating	Quick	HI	OFF	Full to near right	Left
	Normal	HI - LO	OFF	Center to near right	Right
Defrosting		HI	ON	Center to near right - Full right when carrying out quick defrosting or demisting	Right
Ventilation or Pressurizing		HI - LO	OFF	Full left	Right

AIR VENT SELECTION

PURPOSE	VENT POSITION		
	Face (1)	Foot (2)	Defrost (3)
Cooling	Open	Open or closed	Closed
Heating	Open or closed	Open	Open or closed
Defrosting	Closed	Open or closed	Open
Ventilation	Open	Open	Open

★ The effectiveness of the heating air conditioning system can be increased by selecting the most suitable vent.

★ Do not turn the fan speed switch on when all the vents are closed.

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FUEL FILTERS

GENERAL

The fuel filters are spin-on type filters. These filters cannot be cleaned and should not be disturbed except when it becomes necessary to replace them.

Change the fuel filters as listed on the SCHEDULED MAINTENANCE GUIDE or sooner if a power loss is evident. If a power loss persists, consult your distributor.

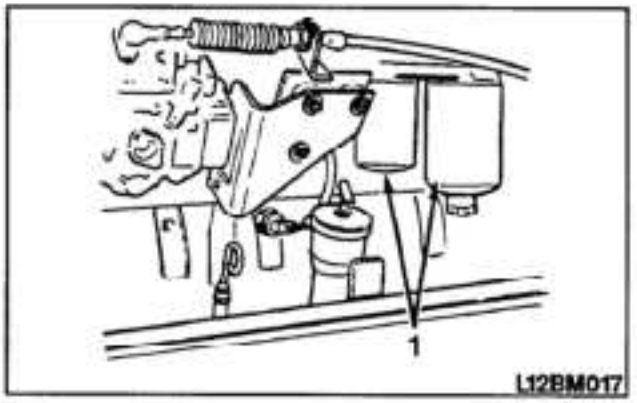
NOTE: Fuel with more than the average impurities may require changing filters at shorter intervals.

The fuel filters are located on the right side of the engine.

Be careful not to allow dirt, water or other foreign material to get in the new filter. Keep new filters in the original package until ready for installation.

REPLACEMENT

1. Open the engine side access cover on the right side of the machine.
2. Clean the area around the fuel filters (1).



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Add the following weight changes to operating weight and static tipping loads.

WEIGHT CHANGES

	Change in Operating Weight		Change in tipping load			
			Straight		Full Turn	
Additional Counterweight (removed)	-660 lbs	-310 kg	-1200 lbs	-545 kg	-1050 lbs	-475 kg
ROPS Cab (removed)	-882 lbs	-400 kg	-684 lbs	-310 kg	-595 lbs	-270 kg
ROPS Canopy (instead of ROPS Cab)	-430 lbs	-195 kg	-331 lbs	-150 kg	-287 lbs	-130 kg
Bucket Teeth (instead of bolt-on cutting edge)	-99 lbs	-45 kg	-143 lbs	-65 kg	-143 lbs	-65 kg
15.5-25-12PR (L2) tubeless tires	-232 lbs	-105 kg	-176 lbs	-80 kg	-154 lbs	-70 kg
15.5-25-12PR(L3) tubeless tires	-11 lbs	-5 kg	-11 lbs	-5 kg	-11 lbs	-5 kg
17.5-25-12PR(L2)	0		0		0	
17.5-25-12PR(L3) tubeless tires	+176 lbs	+80 kg	+132 lbs	+60 kg	+110 lbs	+50 kg

NOTE: All specifications are subject to change without notice.

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