PEN00776-00

Operation & Maintenance Manual

PC120-8

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC120-8 80001 and up
ENGINE 4D95LE-5

July 2015

KOMATSU®

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WINDSHIELD ---- 3- 78
EMERGENCY ESCAPE HAMMER ---- 3- 84
DOOR LOCK ---- 3- 84
CAP WITH LOCK ---- 3- 85
DRINK BOX ---- 3- 86
MAGAZINE BOX ---- 3- 86
ASHTRAY ---- 3- 86
AIR CONDITIONER CONTROLS ---- 3- 87
RADIO ---- 3-100
AUXILIARY ELECTRIC POWER ---- 3-105
FUSE ---- 3-106
SLOW BLOW FUSE ---- 3-107
CONTROLLER ---- 3-107
TOOL BOX ---- 3-107
GREASE PUMP HOLDER ---- 3-107
FIRE EXTINGUISHER ---- 3-108
MACHINE OPERATIONS AND CONTROLS ---- 3-109
BEFORE STARTING ENGINE ---- 3-109
STARTING ENGINE ---- 3-128
AFTER STARTING ENGINE ---- 3-133
STOPPING THE ENGINE ---- 3-144
MACHINE OPERATION ---- 3-145
STEERING THE MACHINE ---- 3-149
SWINGING ---- 3-151
WORK EQUIPMENT CONTROLS AND OPERATIONS ---- 3-152
WORKING MODE ---- 3-154
PROHIBITED OPERATIONS ---- 3-156
GENERAL OPERATION INFORMATION ---- 3-159
TRAVELING ON SLOPES ---- 3-161
ESCAPE FROM MUD ---- 3-163
RECOMMENDED APPLICATIONS ---- 3-164
BUCKET REPLACEMENT AND INVERSION ---- 3-166
PARKING MACHINE ---- 3-169
MACHINE INSPECTION AFTER DAILY WORK ---- 3-170
LOCKING ---- 3-171
ROAD LINERS ---- 3-172
TRANSPORTATION ---- 3-174
TRANSPORTATION PROCEDURE ---- 3-174
LOADING AND UNLOADING WITH TRAILER ---- 3-175
LIFTING MACHINE ---- 3-184
COLD WEATHER OPERATION ---- 3-187
COLD WEATHER OPERATION INFORMATION ---- 3-187
AFTER DAILY WORK COMPLETION ---- 3-189
AFTER COLD WEATHER SEASON ---- 3-189
LONG TERM STORAGE ---- 3-190
BEFORE STORAGE ---- 3-190
DURING STORAGE ---- 3-190
AFTER STORAGE ---- 3-191
STARTING MACHINE AFTER LONG-TERM STORAGE ---- 3-191
TROUBLES AND ACTIONS ---- 3-192

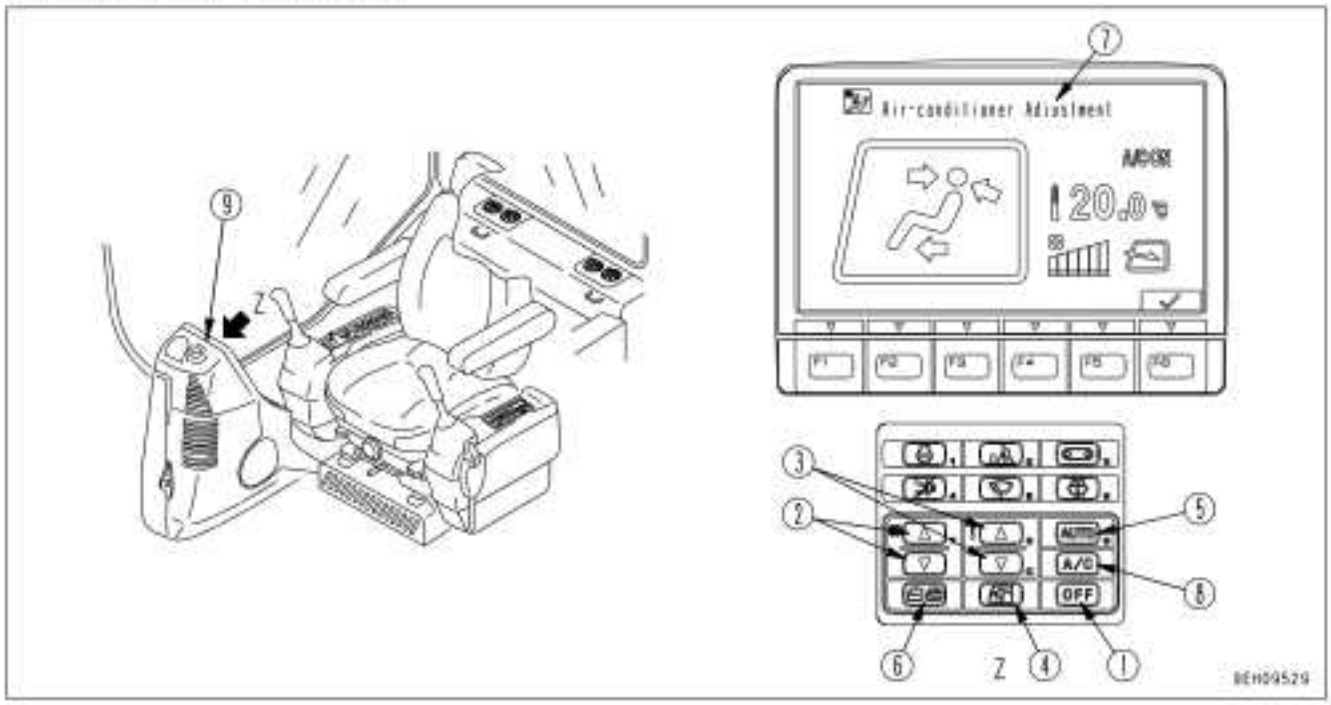
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RUNNING OUT OF FUEL ---- 3-192
PHENOMENA THAT ARE NOT FAILURES ---- 3-192
TOWING THE MACHINE ---- 3-193
LIGHTWEIGHT TOWING HOLE ---- 3-194
SEVERE JOB CONDITION ---- 3-194
DISCHARGED BATTERY ---- 3-195
OTHER TROUBLE ---- 3-199
MAINTENANCE ---- 4- 1
MAINTENANCE INFORMATION ---- 4- 2
OUTLINE OF SERVICE ---- 4- 4
HANDLING OIL, FUEL, COOLANT, AND PERFORMING OIL CLINIC ---- 4- 4
ELECTRIC SYSTEM MAINTENANCE ---- 4- 7
WEAR PARTS ---- 4- 8
WEAR PARTS LIST ---- 4- 8
RECOMMENDED FUEL, COOLANT, AND LUBRICANT ---- 4- 9
USE OF FUEL, COOLANT AND LUBRICANTS ACCORDING TO AMBIENT TEMPERATURE ---- 4- 10
RECOMMENDED BRANDS, RECOMMENDED QUALITY FOR PRODUCTS OTHER THAN KOMATSU GENUINE OIL ---- 4- 11
TIGHTENING TORQUE SPECIFICATIONS ---- 4- 12
TIGHTENING TORQUE LIST ---- 4- 12
SAFETY CRITICAL PARTS ---- 4- 13
SAFETY CRITICAL PARTS LIST ---- 4- 14
MAINTENANCE SCHEDULE ---- 4- 15
MAINTENANCE SCHEDULE CHART ---- 4- 15
MAINTENANCE INTERVAL FOR HYDRAULIC BREAKER ---- 4- 17
MAINTENANCE PROCEDURE ---- 4- 18
WHEN REQUIRED ---- 4- 18
CHECK BEFORE STARTING ---- 4- 46
EVERY 100 HOURS MAINTENANCE ---- 4- 47
EVERY 250 HOURS MAINTENANCE ---- 4- 49
EVERY 500 HOURS MAINTENANCE ---- 4- 54
EVERY 1000 HOURS MAINTENANCE ---- 4- 65
EVERY 2000 HOURS MAINTENANCE ---- 4- 71
EVERY 4000 HOURS MAINTENANCE ---- 4- 75
EVERY 5000 HOURS MAINTENANCE ---- 4- 77
EVERY 8000 HOURS MAINTENANCE ---- 4- 78
SPECIFICATIONS ---- 5- 1
SPECIFICATIONS ---- 5- 2
ATTACHMENTS AND OPTIONS ---- 6- 1
ATTACHMENTS AND OPTIONS - GENERAL INFORMATION ---- 6- 2
SAFETY FIRST ---- 6- 2
ATTACHMENT INSTALLATION ---- 6- 3
BUCKET WITH HOOK ---- 6- 4
HOOK CONDITION ---- 6- 4
PROHIBITED OPERATIONS ---- 6- 4
MACHINE READY FOR ATTACHMENT ---- 6- 5
LOCATIONS ---- 6- 5
HYDRAULIC CIRCUIT ---- 6- 9
ATTACHMENT REMOVAL AND INSTALLATION ---- 6- 10
ATTACHMENT OPERATIONS ---- 6- 14

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AIR CONDITIONER CONTROLS

Air Conditioner Control Panel



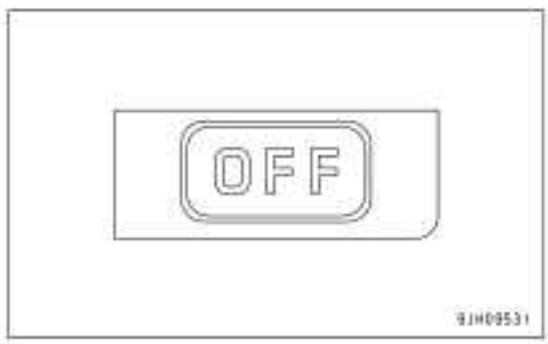
(1) OFF switch
(2) Fan switch
(3) Temperature control switch
(4) Vent selector switch
(5) Auto switch
(6) FRESH/RECIRC selector switch
(7) Display monitor
(8) Air conditioner switch
(9) Sunlight sensor

OFF Switch

Switch (1) is used to stop the fan and air conditioner.

REMARK

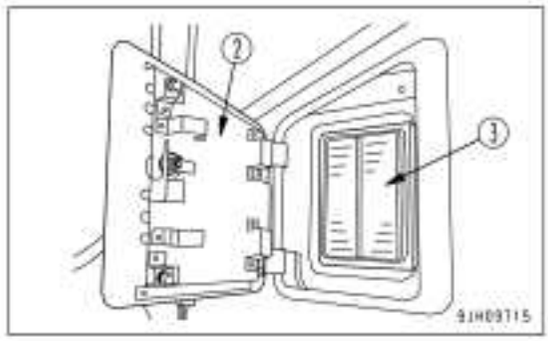
Even if this switch (1) is pressed, the monitor screen does not switch to the air conditioner adjustment screen.



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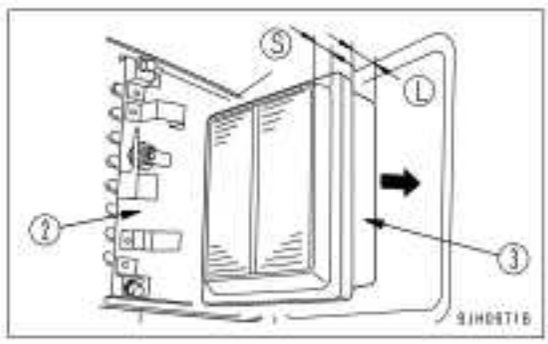
Cleaning Fresh Air Filter

1. Use the starting switch key to open cover (2) at the rear left of the operator's cab, then open cover (2) by hand and remove filter (3) inside the cover.
2. Clean the filter with compressed air. If there is oil on the filter, or if the filter is extremely dirty, wash it in a neutral agent. After rinsing it in water, dry it thoroughly before using it again.
   Replace the filter with a new part every year. If the clogging of the filter cannot be removed by blowing with air or washing in water, replace the filter immediately.
3. After cleaning, return filter (3) to its original position and close the cover. Use the starting switch key to lock the cover. Do not forget to remove the starting switch key.



REMARK

The FRESH filter must be installed facing in the correct direction. When installing, insert the long (L) end of filter (3) into the filter case first. If the short (S) end is installed first, cover (2) will not close.



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TRACK SHOES SELECTION

Select the most suitable track shoe to match the operating conditions.

Selection

Check the category from the uses in the table below, then select the shoes from the table below that.

- Category of use B and C are the wide shoe, so there are limits on the use. Check the precautions for use, examine the conditions of use thoroughly, and use the optimum shoes for the situation.
- When selecting the shoe width, choose the narrowest shoes possible to bring the machine within the range where there is no problem regarding the machine flotation and ground contact pressure. If wider shoes than necessary are used, the load on the shoe will increase, this may cause problems such as bending of the shoe, cracking of the link, damage of the pin, and looseness of the shoe bolts.

Category	Use	Precautions when using
A	Rocky ground, riverbeds, normal soil	• On rough ground with large obstacles such as boulders or fallen trees, travel at low speed.
B	Normal soil, soft ground	• These shoes cannot be used on rough ground where there are large obstacles such as boulders or fallen trees. • Travel at high speed (Hi) only on flat ground. If it is impossible to avoid going over obstacles, travel slowly in low speed (Lo).
C	Extremely soft ground (swamp)	• In the case of A and B, use only in places where the machine sinks and it is impossible to travel. • These shoes cannot be used on rough ground where there are large obstacles such as boulders or fallen trees. • Travel at high speed (Hi) only on flat ground. If it is impossible to avoid going over obstacles, travel slowly in low speed (Lo).
D	Paved road surfaces	• Be careful when using flat shoes on slopes. They have low gradeability.
E	Paved road surfaces	• To protect the road liner, always follow the precautions in Section ROAD LINERS(3-172 PAGE).

	PC120-8	
	Specification	Category
Standard	500 mm (1 ft 8 in) Triple	A
Option	600 mm (1 ft 12 in) Triple	B
Option	700 mm (2 ft 4 in) Triple	C
Option	510 mm (1 ft 8 in) Single	A
Option	750 mm (2 ft 6 in) Swamp	C
Option	480 mm (1 ft 7 in) Flat	D
Option	500 mm (1 ft 8 in) Road liner	E

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