TEN00202-00

Operation & Maintenance Manual

HYDRAULIC
EXCAVATOR

GALEO

PC78MR-6

SERIAL NUMBERS 3253 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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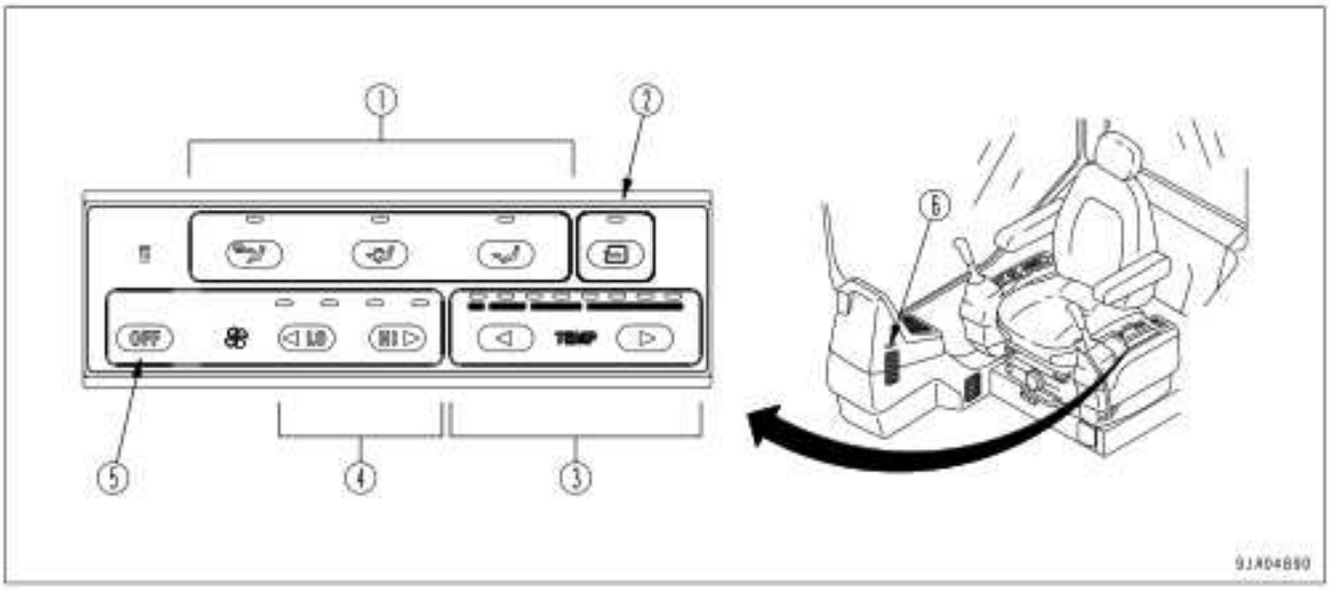
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HEATER AND DEFROSTER CONTROLS

(If equipped)

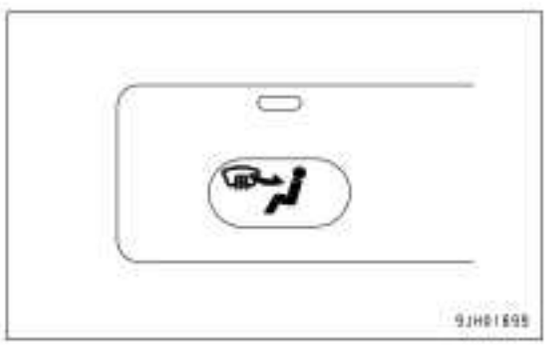
Heater and Defroster Control Panel

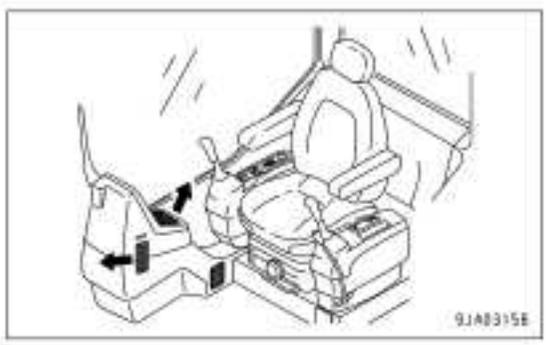


(1) Vent selector switch
(2) FRESH/RECIRC selector switch
(3) Temperature control switch
(4) Air flow selector switch
(5) OFF switch
(6) Defroster selector lever

Vent Selector Switch (Sending Air to Face)

If this switch (1) is pressed, the air from the heater is all directed to the face.





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EVERY 500 HOURS MAINTENANCE
Replace Fuel Filter Cartridge ---- 4- 63
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Clean, Check Radiator Fins, Oil Cooler Fins and Condenser Fins ---- 4- 67
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EVERY 1000 HOURS MAINTENANCE
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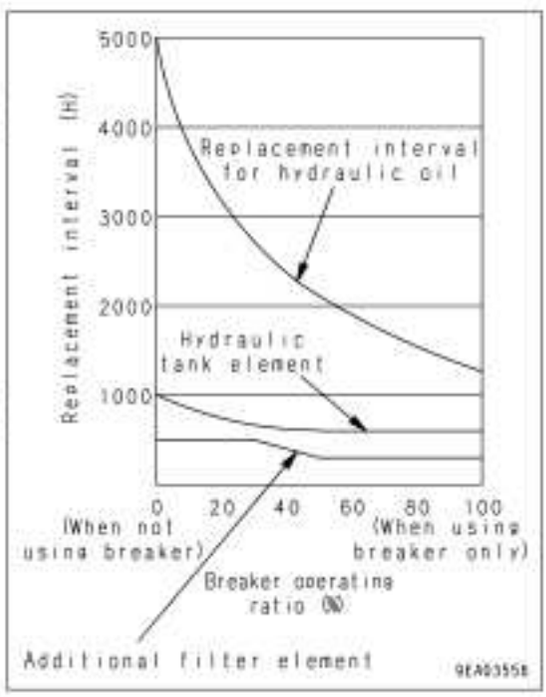
EVERY 4000 HOURS MAINTENANCE
Check Water Pump ---- 4- 76

EVERY 5000 HOURS MAINTENANCE
Change Oil in Hydraulic Tank, Clean Strainer ---- 4- 77

MAINTENANCE INTERVAL FOR HYDRAULIC BREAKER

For machine equipped with a hydraulic breaker, the hydraulic oil deteriorates faster than for normal bucket digging operations, so set the maintenance intervals as follows.

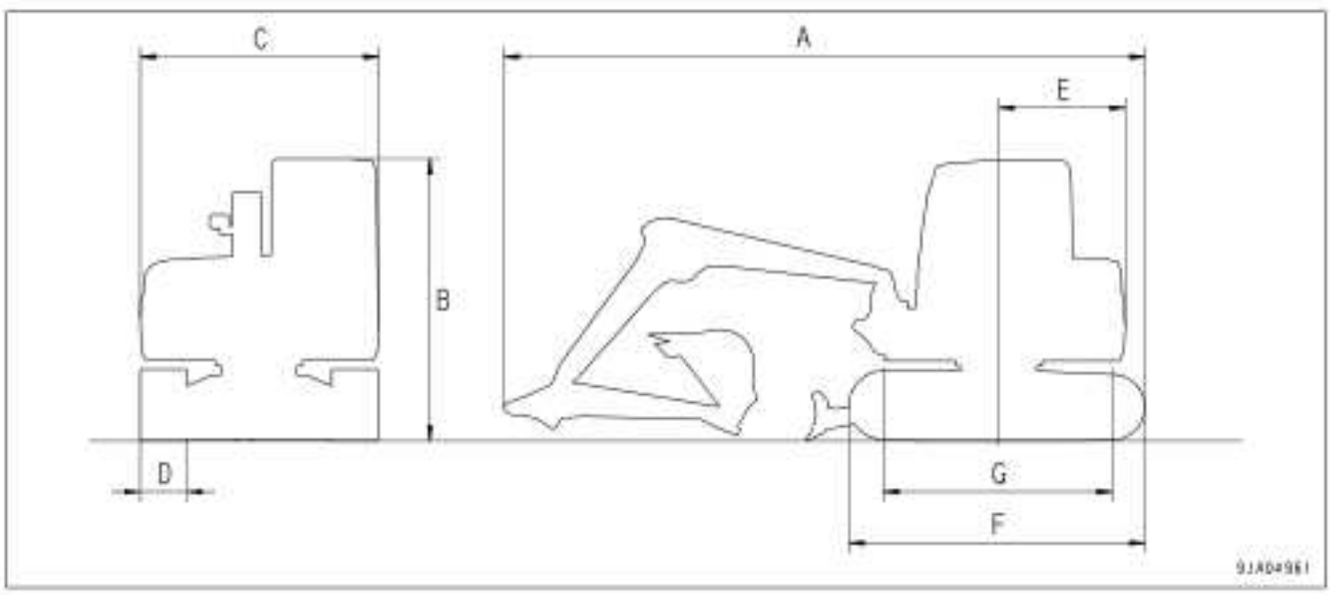
- **Replace hydraulic filter element**
  On a new machine, replace the element after the first 100 to 150 hours, then carry out further replacement of the element according to the table on the right.
- **Change oil in hydraulic tank**
  Change the oil according to the table on the right.
- **Replacing additional filter element for breaker (if equipped)**
  Use a guideline of 250 hours for use of the breaker (operating ratio for the breaker: 50 % or more), and replace the element according to the table on the right.



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SPECIFICATIONS

	Item	Unit	Steel shoe specified	Road linre speicified
	Operating weight (blade specified)	kg (lb)	8,270 (18,235)	8,300 (18,301)
	Bucket capacity	m^3 (cu/yd)	0.28 (0.37)	
	Name of engine	-	Komatsu 4D95LE-3-A diesel engine	
	Engine horsepower	kW (HP)/rpm	40.5 (54.0)/1,850	
A	Overall length	mm (ft in)	6,200 (20' 4")	6,230 (20' 5")
B	Overall height	mm (ft in)	2,730 (8' 11")	2,750 (9')
C	Overall width	mm (ft in)	2,330 (7' 8")	
D	Track width	mm (ft in)	450 (1' 6")	
E	Radius of upper structure	mm (ft in)	1,310 (4' 4")	
F	Length of track	mm (ft in)	2,840 (9' 4")	2,900 (9' 6")
G	Tumbler canter distance	mm (ft in)	2,235 (7' 4")	
	Min. ground clearance	mm (ft in)	360 (1' 2")	400 (1' 4")
	Travel speed (Low/High)	km/h (MPH)	2.8/4.2 (1.7/2.6)	
	Continuous swing speed	rpm	10.0	



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