WEAM002702

Operation & Maintenance Manual

PC12R-8
PC12R-8 HS
PC15R-8
PC15R-8 HS

HYDRAULIC EXCAVATOR

SERIAL NUMBER

PC12R-8 - F31493 and up
PC12R-8 HS - F31493 and up
PC15R-8 - F22262 and up
PC15R-8 HS - F22262 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.

KOMATSU
Utility

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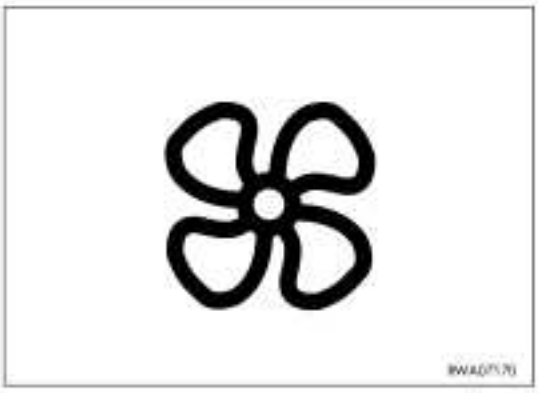
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1 - FAN SWITCH

This is a two-speed switch that operates the fan motor. If operated after the opening of the tap installed in the engine compartment, it ensures the circulation of warm air and serves as heating switch. (See "3.5.4 VENTILATION AND HEATING").



2 - WORKING LIGHT AND INSTRUMENT LIGHT SWITCH

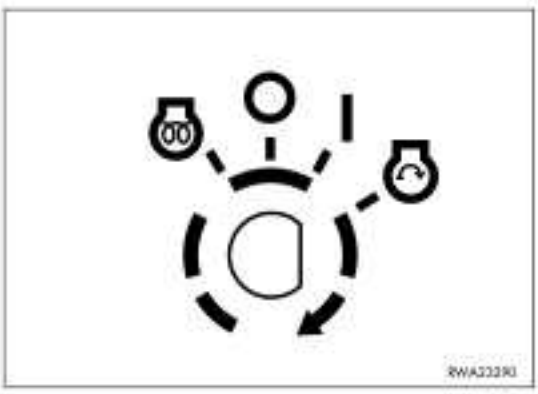
This is a rotary switch with three positions marked by the following symbols: OFF - 1- 2.

1) Enables the instrument light circuit
2) Enables the working light circuit



3 - IGNITION SWITCH

This is a rotary key switch with four positions marked by the following symbols: «⚷» - O (OFF) - I - «⚷» (START).
For further details on the use of this switch, see "3.6.2 STARTING THE ENGINE".



4 - ARM OVERLOAD ALARM SWITCH (if installed)

This is a two-position rotary switch and, if operated, makes it possible to define when the capacity limit has been reached.



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4.7.9 MAINTENANCE EVERY 500 HOURS OF OPERATION

N.	PART	OPERATION	PAGE
a	Engine oil filter	Change	166
b	Fuel filter	Change	167
c	Fuel pump precleaner	Change	168
d	Air cleaner	Change the cartridge	169
e	Radiators	Clean the outside	169
f	Hydraulic oil tank (Only for machines with synthetic biodegradable oil)	Drain condensate	170

4.7.10 MAINTENANCE EVERY 1000 HOURS OF OPERATION

N.	PART	OPERATION	PAGE
a	Travel reduction gears	Change the oil	171

4.7.11 MAINTENANCE EVERY 2000 HOURS OF OPERATION

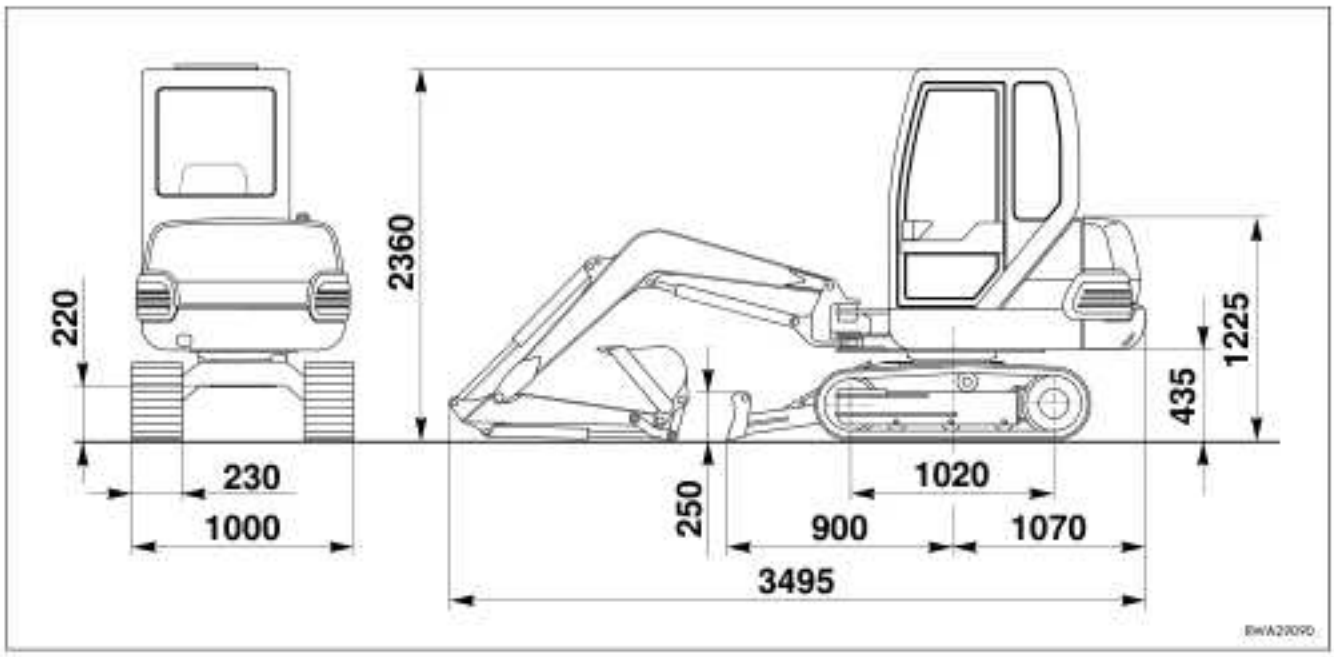
N.	PART	OPERATION	PAGE
a	Hydraulic oil and suction filter	Change the oil and clean the filter	172
b	Coolant	Change	174
c	Engine valves	Check the clearance	174
d	Alternator and starter	Check	174

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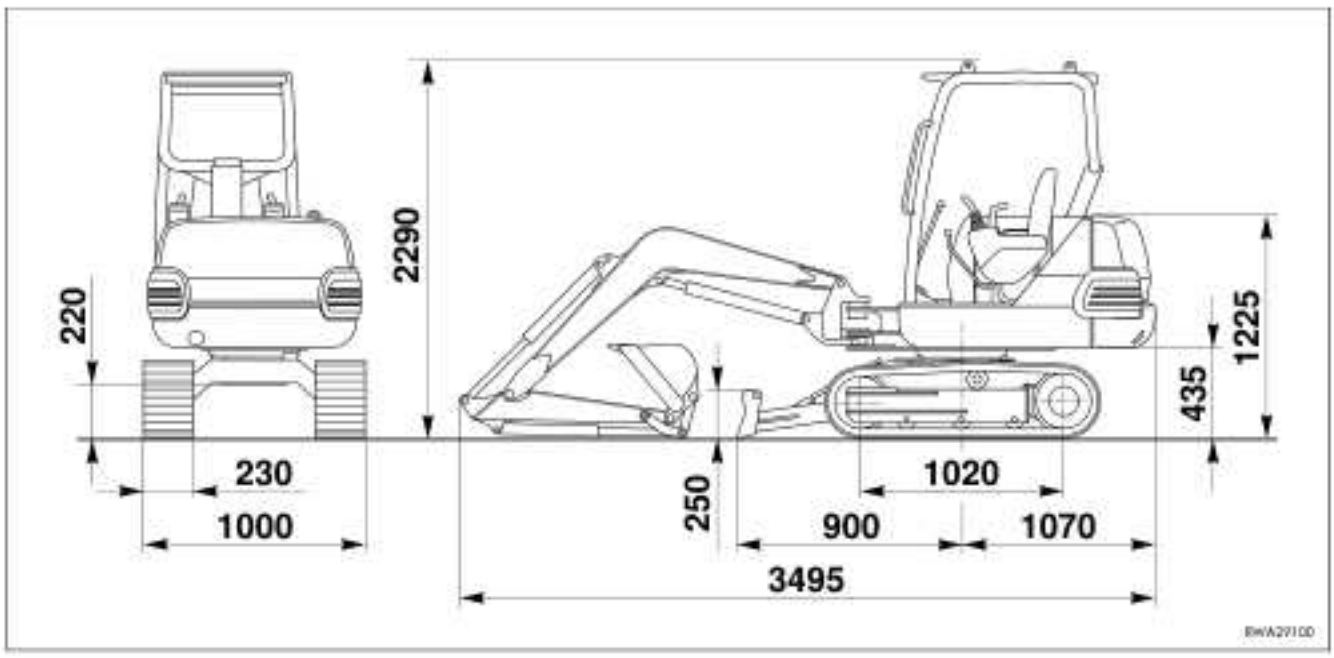
5.1 TECHNICAL DATA

5.1.1 STANDARD OVERALL DIMENSIONS PC12R

WITH CAB



WITH CANOPY



IMPORTANT

- **If the machine is equipped with the long arm instead of the standard arm, or with steel tracks instead of rubber tracks, the overall dimensions indicated in the drawing remain unchanged.**

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