Operation & Maintenance Manual

TEN00056-02

GALEO
PC300,300LC-7
PC350,350LC-7

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC300,300LC-45001 and up
PC350,350LC-25001

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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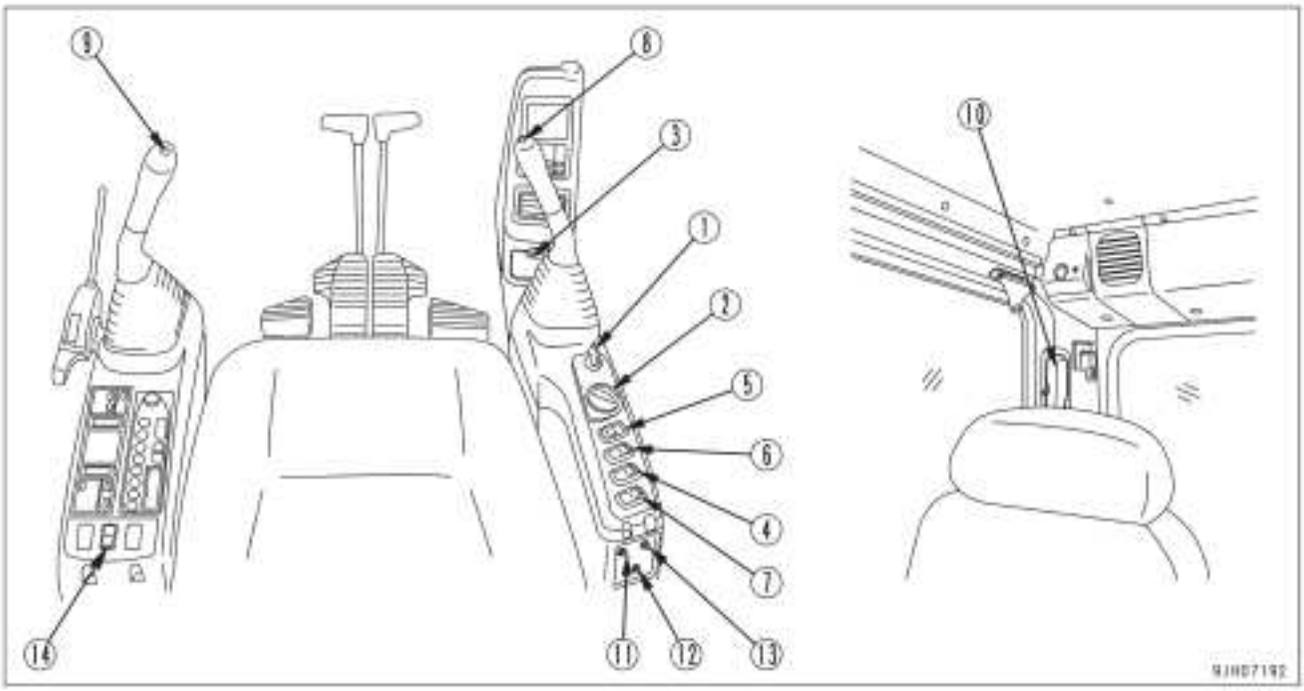
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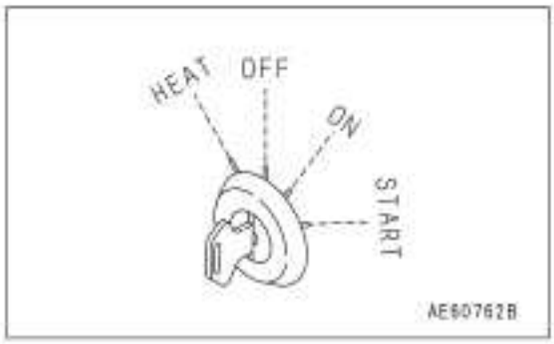
SWITCHES



(1) Starting switch
(2) Fuel control dial
(3) Cigarette lighter
(4) Swing lock switch
(5) Lamp switch
(6) Alarm buzzer stop switch
(7) Machine push-up switch
(8) Horn switch
(9) Knob switch
(10) Room lamp switch
(11) Emergency pump drive switch
(12) Emergency fuel solenoid drive switch
(13) Swing brake cancel switch
(14) Rotating lamp switch (if equipped)

STARTING SWITCH

This switch (1) is used to start or stop the engine.



OFF position
The key can be inserted or withdrawn. The switches for the electric system except the room lamp, are all turned off and the engine is stopped.

ON position
Electric current flows in the charging and lamp circuits. Keep the starting switch key at the ON position while the engine is running.

START position
This is the engine-start position. Keep the key at this position during cranking. Immediately after starting the engine, release the key. It will automatically return to the ON position.

HEAT (preheat) position
When starting the engine in winter, set the key to this position. Whenthe key is set to the HEAT position, the pre-heating monitor lightsup. Keep the key at this position until the monitor lamp flashes.Immediately after the pre-heating monitor flashes, release the key.The key automatically returns to the OFF position. Then, start the engine by turning the key to the START position.

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MAINTENANCE PROCEDURE

INITIAL 250 HOURS MAINTENANCE (ONLY AFTER THE FIRST 250 HOURS)

Carry out the following maintenance only after the first 250 hours of operation on new machines.

- Replace fuel filter cartridge

  Special tools are needed for inspection and maintenance, so contact your Komatsu distributor.

For details of the method of replacing or maintaining, see the section on EVERY 500 HOURS and 2000 HOURS SERVICE.

INITIAL 1000 HOURS MAINTENANCE (ONLY AFTER THE FIRST 1000 HOURS)

Carry out the following maintenance only after the first 1000 hours of operation on new machines.

- Check engine valve clearance,adjust

  Special tools are needed for inspection and maintenance, so contact your Komatsu distributor.

For details of the method of replacing or maintaining, see the section on EVERY 2000 HOURS SERVICE.

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SELECTING TRACK SHOE

Select the appropriate track shoe to match the operating conditions.

METHOD OF SELECTING TRACK SHOE

Check the category from the usage table below and select the track shoe from the table at the bottom.

- Use category B is for wide shoes. There are limits for the use of wide shoes, so check carefully when using. Investigate the conditions of use carefully and consider the situation to select the most suitable track shoe.
- When selecting the shoe width, shoe possible that will cause no problem within the range for flotation and ground contact pressure of the machine. If a larger width of the necessary is used, there will be a greater load on the track shoe, and this will cause problems such as bending of the track shoes, cracking of the links, breakage of pins, and loosening of shoe bolts.

Table 1

Category	Use	Precautions for use
A	Rocky ground, riverbeds, normal soil	• On rough ground where there are large obstacles such as boulders or fallen trees, travel at Lo speed.
B	Normal soil, soft ground precautions for use	• These shoes cannot be used on rough ground where there are large obstacles such as boulders or fallen trees. • Travel at Hi speed only on flat ground, and if it is impossible to avoid going over obstacles, shift down and travel at half speed in Lo.
C	Paved road surface	• Be careful on slopes. Flat shoes have low gradeability

Table 2

	PC300-7		PC350-7		PC300LC-7		PC350LC-7	
	Specifications	Category	Specifications	Category	Specifications	Category	Specifications	Category
Standard	600mm Triple	A	600mm Triple	A	700mm Triple	B	600mm Triple	A
Option	700mm Triple	B	700mm Triple	B	600mm Triple	A	700mm Triple	B
Option	800mm Triple	B			800mm Triple	B		
Option	700mm Flat	C			700mm Flat	C		

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