Operation & Maintenance Manual

SEAM034106T

PC60-7

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC60-59869 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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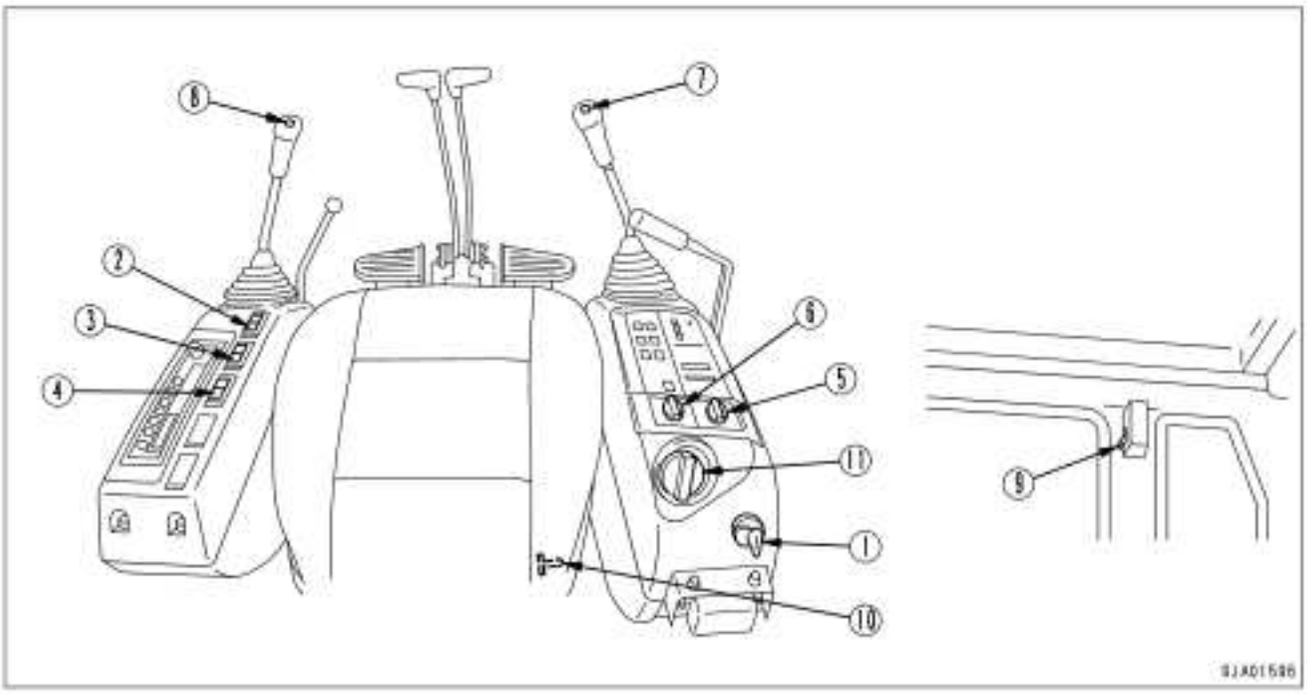
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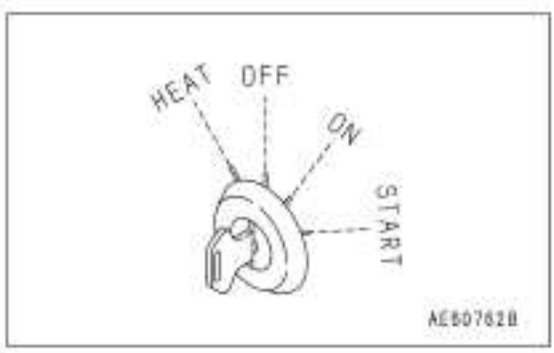
SWITCHES



(1) Starting Switch
(2) Travel Speed Selector Switch (except machines with blade specification)
(3) Swing Lock Switch
(4) Windshield Wiper Switch
(5) Lamp Switch
(6) Cab Heater Switch
(7) Horn Switch
(8) Swift Deceleration Switch
(9) Room Lamp Switch
(10) Swing Brake Cancel Switch
(11) Fuel Control Dial

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The key can be inserted or withdrawn.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 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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EVERY 250 HOURS MAINTENANCE

Maintenance for every 50 hours service should be carried out at the same time.

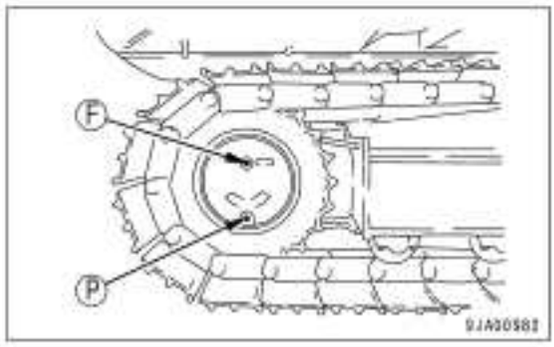
Final Drive Case Oil Level - Check/Add

⚠ WARNING

- **The parts and oil are at high temperature after the engine is stopped, and may cause serious burns. Wait for the temperature to go down before starting the operation.**
- **If there is still pressure remaining inside the case, the oil or plug may fly out. Loosen the plug slowly to release the pressure.**

- Prepare a hexagonal wrench (Width across flats: 8 mm (0.3 in)).

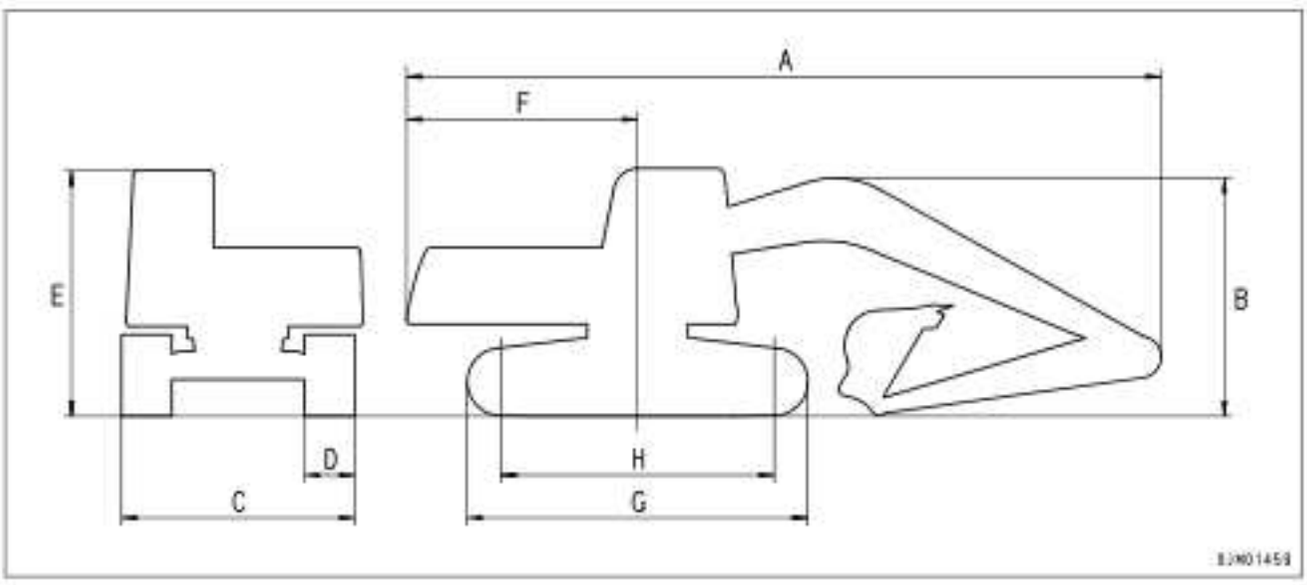
1. Set so that plug (F) is at the top, with plug (F) and plug (P) prependicular to the ground.
2. Using a hexagonal wrench, remove plug (F) and check that the oil level is within a range from the bottom of the plug hole to a point 10 mm(0.4 in) below it.
3. If the oil level is too low, install plug (F), operate the travel levers, and drive forward or in reverse to rotate the sprocket one turn. Then repeat Step 2 to check again.
4. If the oil level is still too low, add engine oil through the hole in plug (F) until the oil overflows.
5. After checking, install plug (F).



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SPECIFICATIONS

	Item	Unit	PC60-7 AVANCE	PC60-7 AVANCE long arm specified
	Operating weight	kg(lb)	6200(13,671)	6270(13,825)
	Operating weight (with blade specification)	kg(lb)	6800(14,994)	6800(14,994)
	Bucket capacity	m^3 (cu.yd)	0.25(0.32)	0.18(0.23)
	Name of engine	—	Komatsu 4D95LE-2 diesel engine	
	Engine horsepower	kW(HP)/rpm	29.79(40)/2100	29.79(40)/2100
A	Overall length	mm(ft in)	6080(19'11")	6080(19'11")
B	Overall height	mm(ft in)	2500(8'2")	2500(8'2")
C	Overall width	mm(ft in)	2150(7'1")	2150(7'1")
	Overall width (with blade specification)	mm(ft in)	2260(7'5")	2260(7'5")
D	Track width	mm(ft in)	450(1'6")	450(1'6")
E	Height of cab	mm(ft in)	2590(8'6")	2590(8'6")
F	Tail swing radius	mm(ft in)	1750(5'9")	1750(5'9")
G	Overall length of track	mm(ft in)	2760(9'1")	2760(9'1")
H	Length of track on ground	mm(ft in)	2130(6'12")	2130(6'12")
	Min. ground clearance	mm(ft in)	350(1'2")	350(1'2")
	Travel speed (Low/High)	km/h(MPH)	2.8(1.7)/4.5(2.8)	2.8(1.7)/4.5(2.8)
	Swing speed	rpm	12.0	12.0



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