UEAM005400

Operation & Maintenance Manual

PC800-8

PC800LC-8

HYDRAULIC EXCAVATOR

SERIAL NUMBER
PC800-8 - 50001 and up
PC800LC-8 - 50001 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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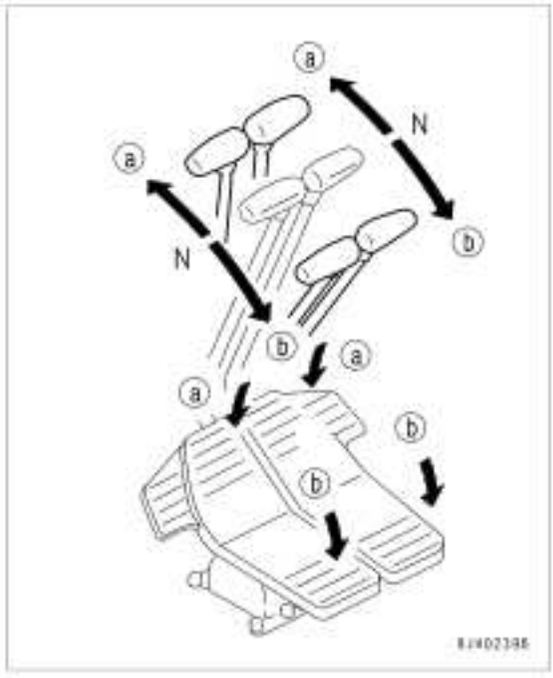
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Travel Levers (with Pedals and Auto-deceleration Device)

⚠ WARNING

- **Do not rest your foot on the pedal during operations. If the pedal is depressed by mistake, the machine may suddenly move and cause a serious accident. Be extremely careful when operating the pedal for travel or steering operations. When you are not using the pedal, do not rest your foot on it.**
- **If the track frame is facing the rear, the direction of travel operations will be reversed when the travel lever is operated. (The machine will travel forward when operated in reverse, and in reverse when operated forward; the left and right directions will also be reversed.)**
- **When operating the travel levers, check if the track frame is facing the front or the rear. (If the sprocket is at the rear, the track frame is facing the front.)**



This lever (2) is used to change the direction of travel between forward and reverse. ( ) shows the pedal operation.

(a) FORWARD: The lever is pushed forward

(The pedal is angled forward)

(b) REVERSE: The lever is pulled back

(The pedal is angled back)

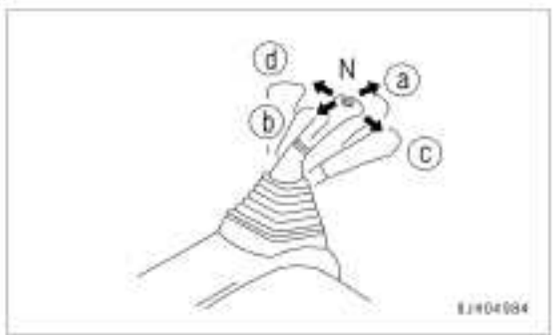
N (Neutral): The machine stops

REMARK

If the lever is shifted to the FORWARD or REVERSE position from the Neutral position, the alarm sounds to warn that the machine is starting to move.

Work Equipment Control Lever

Left work equipment control lever (3) is used to operate the arm and upper structure.



Arm operation

(a) Arm OUT

(b) Arm IN

Swing operation

(c) Swing to right

(d) Swing to left

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EVERY 1000 HOURS MAINTENANCE

Maintenance for every 10, 100, 250, and 500 hours of service should be performed at the same time.

REPLACE FUEL MAIN FILTER CARTRIDGE

⚠ WARNING

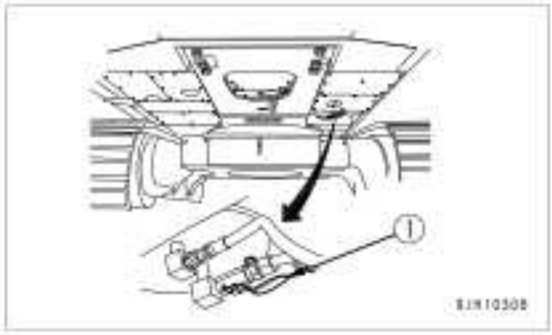
- **After the engine has been operated, all parts are at high temperature, so do not replace the filter immediately. Wait for all parts to cool down before starting the operation.**
- **High pressure is generated inside the engine fuel piping system when the engine is running. When replacing the filter, wait for at least 30 seconds after stopping the engine to let the internal pressure go down before replacing the filter.**
- **Do not bring any fire or flame close.**
- **Be careful when opening the air bleed plug in the fuel filter head. It is still under pressure, so fuel may spurt out.**

NOTICE

- **Genuine Komatsu fuel filter cartridges use a special filter that has highly efficient filtering ability. When replacing the filter cartridge, always use a genuine Komatsu part.**
- **The common rail fuel injection system used on this machine consists of more precise parts than the conventional injection pump and nozzle. If any part other than a genuine Komatsu filter cartridge is used, dust or dirt may get in and cause problems with the injection system. Always avoid using substitute parts.**
- **When carrying out inspection or maintenance of the fuel system, pay more attention than normal to the entry of dirt. If dirt is stuck to any part, use fuel to wash it off completely.**

- Prepare a container to catch drain fuel.
- Prepare a filter wrench

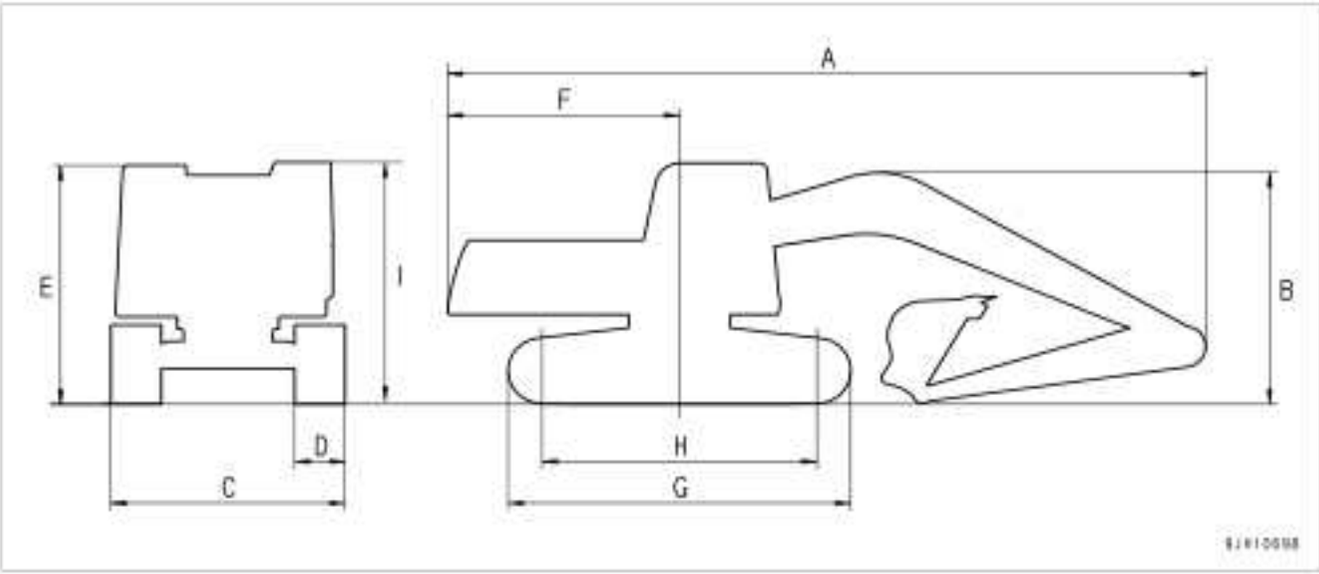
1. Turn valve (1) at the bottom of the fuel tank to the right to close it.



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SPECIFICATIONS

	Item	Unit	PC800-8	PC800LC-8
	Operating weight (with operator)	kg	79,850	84,565
	Bucket capacity	m^3	4.0	4.0
	Name of engine	-	Komatsu SAA6D140E-5 diesel engine	
	Flywheel horsepower	HP/rpm	487/1,800	487/1,800
A	Overall length	mm	13,030	13,895
B	Overall height	mm	4,615	4,850
C	Overall width	mm	4,110	4,210
D	Track shoe width	mm	710	810
E	Height of cab	mm	3,640	3,640
F	Radius of upper structure	mm	4,300	4,300
G	Length of track	mm	5,810	6,330
H	Tumbler center distance	mm	4,500	5,020
	Min.ground clearance	mm	840	840
	Travel speed (Low/High)	km/h	2.8/4.2	2.8/4.2
	Swing speed	rpm	6.8	6.8



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