CEAM008501

Operation & Maintenance Manual

KOMATSU®

PC300LL-6

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC300LL-6 A84001 and up

ENGINE 6D114E-1

April 2016

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SHIPPING

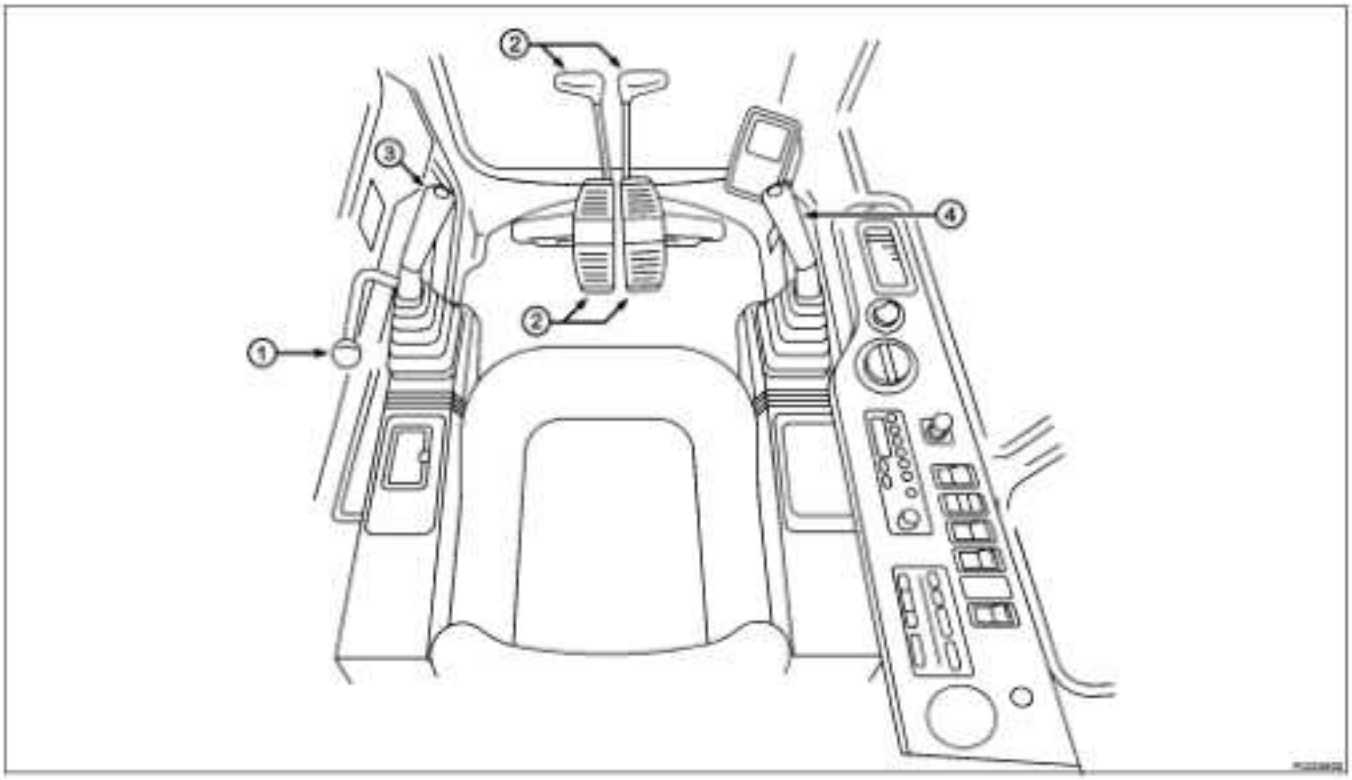
- When shipping the machine on a hauling vehicle, obey all state and local laws governing the weight, width, and length of a load. Also obey all applicable traffic regulations. Take into account the width, height and weight of the load when determining the shipping route.

Height, width and weight ➜ see "SPECIFICATIONS AND DIMENSIONS" on page 4-2.

- When traveling over bridges or structures on private land, check that the bridge or structure can withstand the weight of the machine. When traveling on public roads, check with the local authorities and follow their instructions.
- If the machine is equipped with the optional cab riser, tilt the cab into its transportation position before transporting the machine. Additionally, if the shipping conditions require, replace the safety cable with the machine shipping bar before transporting the machine.
- Always lock the cab door securely.

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CONTROL LEVERS AND PEDALS



1. Safety Lock Lever

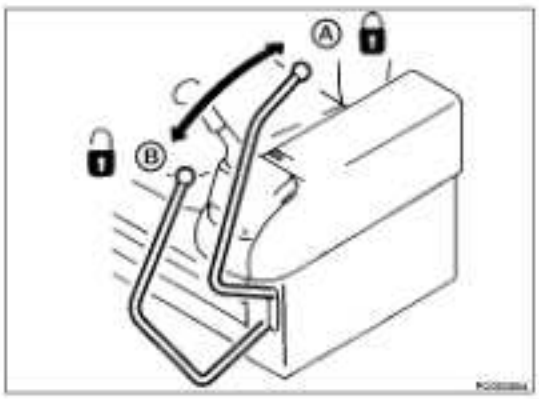
WARNING

When leaving the operator's compartment, set the safety lock lever securely to the lock position. If the control levers are not locked, and they are touched by mistake, this may lead to a serious accident. If the safety lock lever is not placed securely in the lock position, the control levers may not be properly locked. Check that the situation is as shown in the diagram.

When the safety lock lever is raised, take care not to touch the work equipment control lever. If the safety lock lever is not properly locked at the up position, the work equipment and swing will move, creating a potentially dangerous situation.

When the safety lock lever is lowered, take care not to touch the work equipment control lever.

The lever locks the controls for the work equipment, swing, travel, and optional attachments. Pull the lever up (A) to apply the lock. The lock lever is a hydraulic lock, so even if it is in the lock position, the work equipment and travel levers will move, but the work equipment, travel, and swing will not work. Push the lever down (B) to disengage the lock.



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EVERY 500 HOURS SERVICE

PREVIOUS MAINTENANCE

Carry out maintenance for every 50, 100 and 250 hours service at this time.

REPLACE FUEL FILTER CARTRIDGE

WARNING

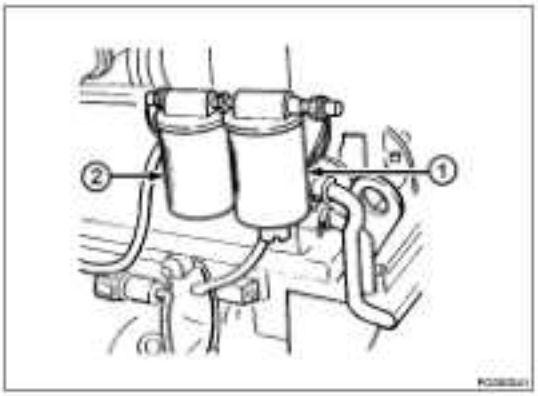
The engine is at high temperature immediately after the machine has been operated. Wait for the engine to cool down before replacing the filter. Do not bring fire or sparks near the fuel.

Fuel catch container ..... Min 4 L capacity

1. Position a catch container under the primary (1) and secondary (2) fuel filter cartridge. Loosen the drain plug at the bottom of the primary cartridge and drain fuel.
2. Before loosening the filter, clean the filter head to prevent dirt or foreign material from entering the system. Remove the fuel filter from the filter header by turning counterclockwise. A filter wrench can be used if unable to turn the filter by hand. Discard the fuel filter in a suitable container.
3. Thoroughly clean the fuel filter header with kerosene or diesel fuel to prevent dirt or foreign material from falling into the new filter. Keep the new filter in the original package until ready for installation.
4. Fill fuel filters with clean fuel. Apply a light coating of clean engine oil or chassis grease to the seal surface on the new filter.
5. Install, but do not spin, the new filter, turning it until the seal just contacts the filter head. Make aligning marks on the filter and the filter header and tighten the filter an additional 1/2 to 3/4 turn.

Remark

Do not over tighten the filter or use any tools for installation because this can damage the gasket and filter. Mechanical over tightening may distort the filter header threads or damage the element seal.

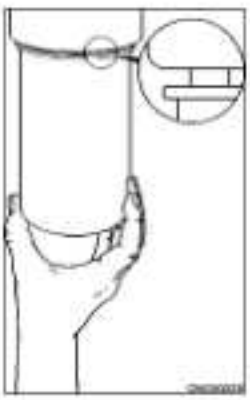


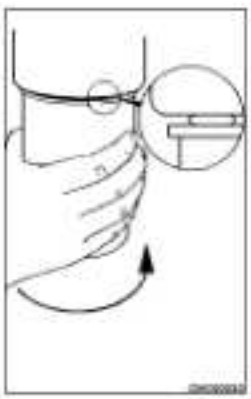












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