SEAM022902

Operation & Maintenance Manual

KOMATSU®

PC1800-6

HYDRAULIC EXCAVATOR

SERIAL NUMBERS **PC1800-6 -10002** and up

December 1999

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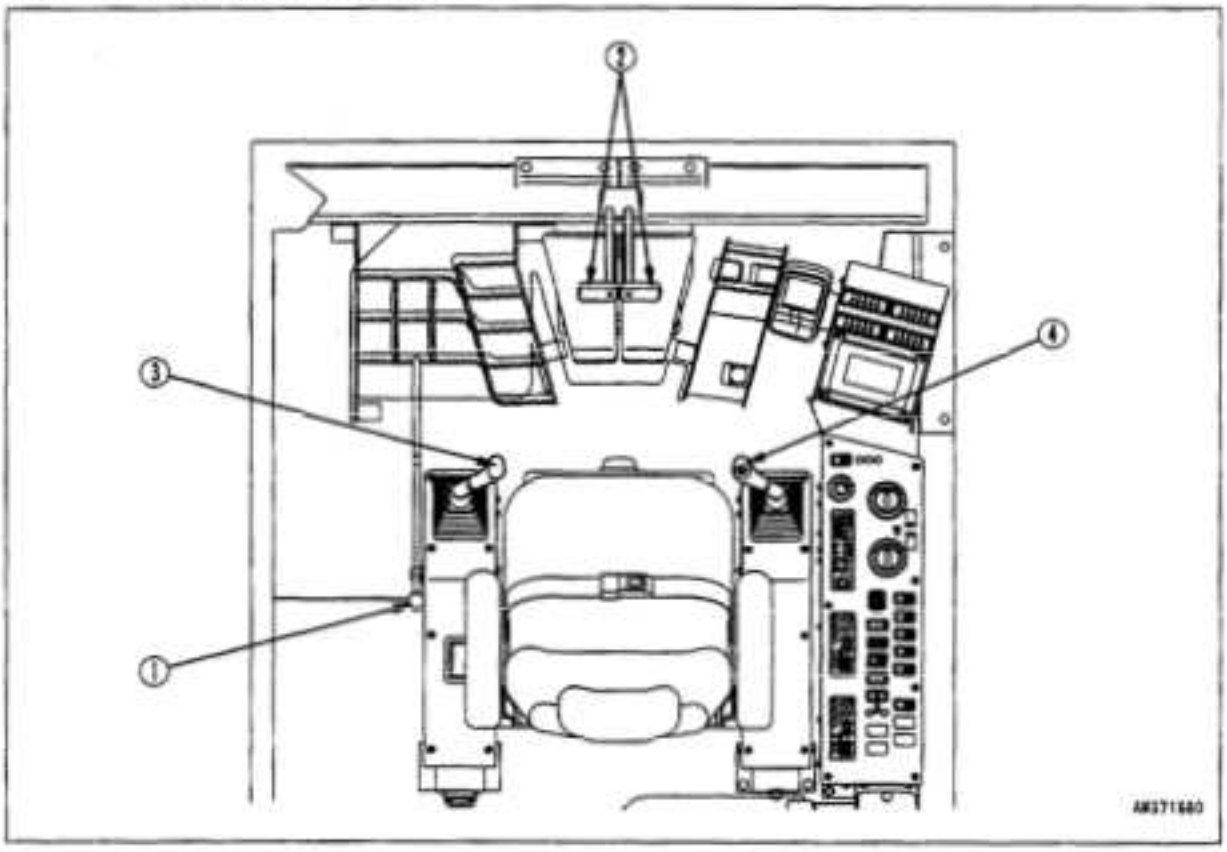
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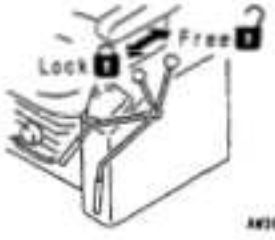
11.4 CONTROL LEVERS, PEDALS



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

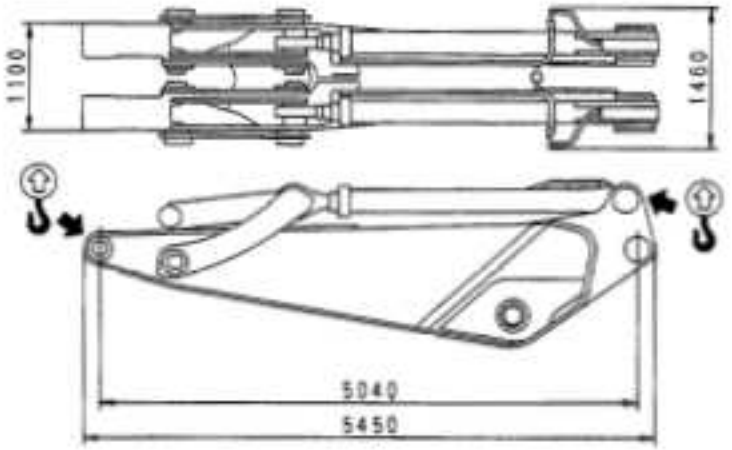


This lever locks the controls for the work equipment, swing, travel, and optional attachments.

Push the lever down apply the lock.

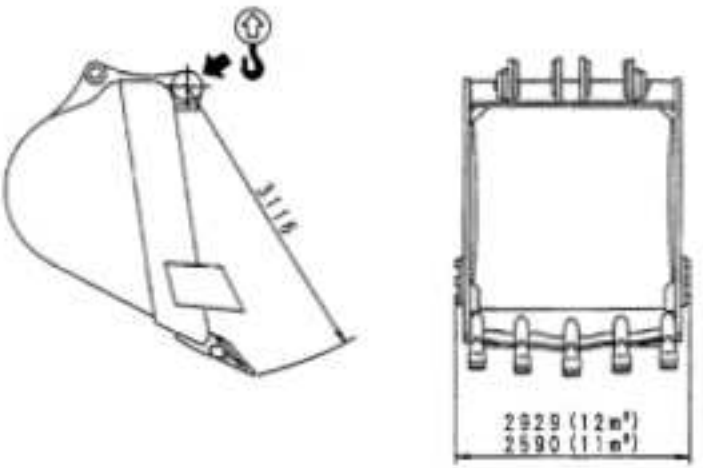
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Weight: 11600 kg
(25520 lb)



AM372360

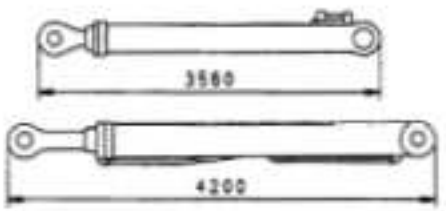
Weight: 9370 kg (11m³)
(20657 lb)
9985 kg (12m³)
(22013 lb)



AM372380

Weight: 1288 kg x 2 = 2750 kg
(2834 lb x 2 = 5668 lb)

Weight: 1928 kg x 2 = 3856 kg
(4242 lb x 2 = 8484 lb)



AE180480

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24.7 EVERY 250 HOURS SERVICE

Maintenance for every 10 hours should be carried out at the same time.

Carry out the following maintenance only after the first 250 hours.

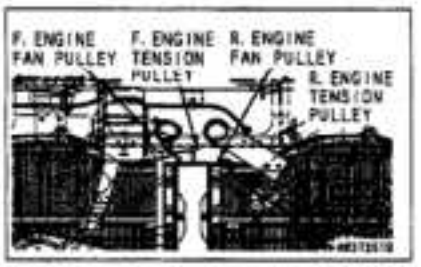
- **FUEL FILTER, REPLACE CARTRIDGE**
- **SWING MACHINERY CASE CHANGE OIL**
- **PTO CASE, CHANGE OIL**
- **FINAL DRIVE CASE, CHANGE OIL**
- **ENGINE VALVE CLEARANCE, CHECK AND ADJUST**

For detail of the method of replacing or maintaining, see the section on EVERY 100 HOURS, 500 HOURS, 1000 HOURS AND 2000 HOURS SERVICE.

24.7.1 GREASE FAN PULLEY ASSEMBLY, TENSION PULLEY ASSEMBLY

Add grease through the fittings marked by arrows.

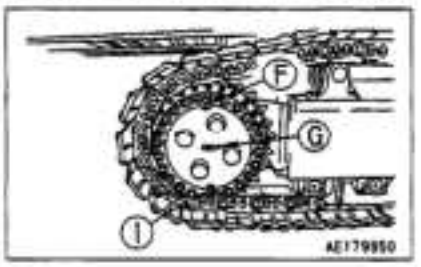
1. Fan pulley assembly (2 points)
2. Tension pulley assembly (2 points)



24.7.2 CHECK OIL LEVEL IN FINAL DRIVE CASE, ADD OIL

⚠WARNING

- **The oil is at high temperature immediately after the machine has been operated. Wait for the oil to cool 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.



1. Stop the machine so that the plug ① on the outside of machine is at the lowest position.
2. Remove plug Ⓖ and check that the oil level is near the bottom of the plug hole.
   If necessary, add engine oil through oil filler Ⓕ.

NOTICE

For detail of the oil to use, see "20. USE OF FUEL, COOLANT AND LUBRICANTS ACCORDING TO AMBIENT TEMPERATURE".

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