CEAM026502

Operation & Maintenance Manual

PC210LC-10

HYDRAULIC EXCAVATOR

SERIAL NUMBERS PC210LC-10 A10001 and up

ENGINE 6D107E-2

March 2016

KOMATSU®

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OPERATION

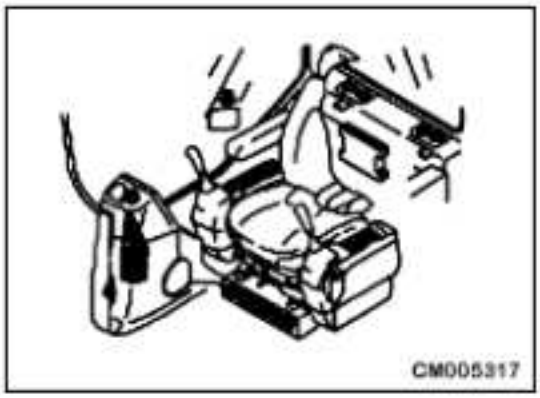
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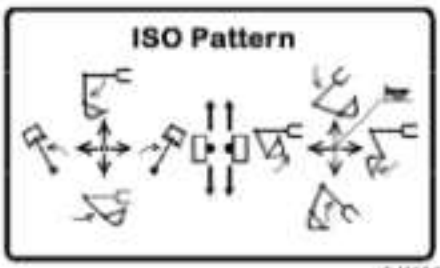
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WORK EQUIPMENT CONTROL LEVER

⚠ WARNING

- The operation control pattern is set from the factory to standard ISO pattern.
- The machine may be equipped with an optional control pattern valve. The method of changing the controls is outlined in the ATTACHMENTS and OPTIONS section. Before operating the machine, read and understand this information.
- When changing the control pattern always change the control pattern card (displayed on RH window) to match the control settings on the machine.

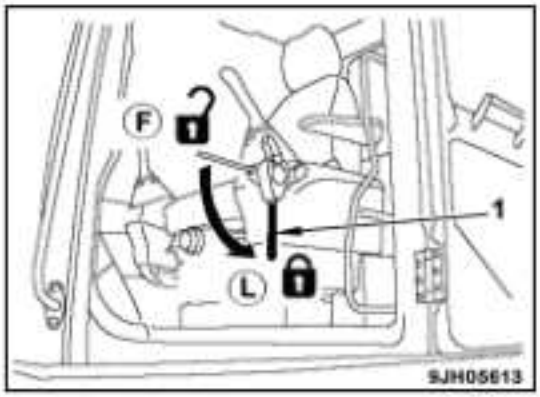




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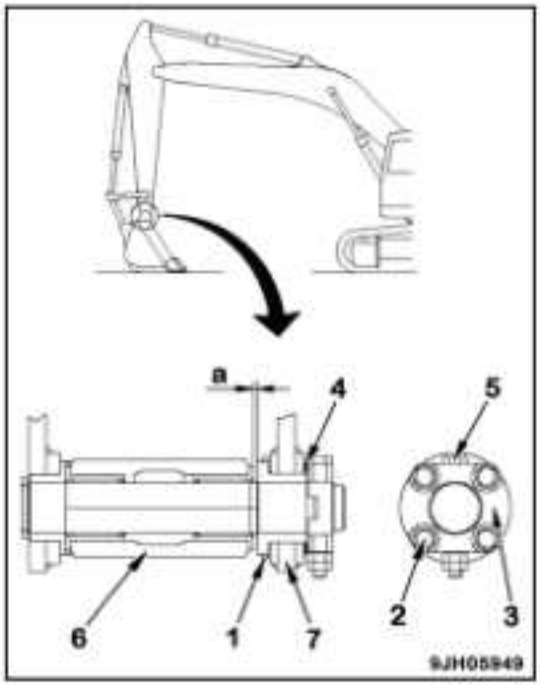
Adjust Bucket Clearance



⚠ WARNING

- **It is dangerous if the work equipment is mistakenly moved when adjusting the bucket clearance.**
- **Set the work equipment in a stable condition, stop the engine, then set lock lever (1) securely to the LOCK position (L).**

1. Set the work equipment to the position shown in the diagram on the right, then stop the engine and set the lock lever (1) to the LOCK position (L).
2. Shift O-ring (1) and measure the amount of play "a".
   Measurement is easier if you move the bucket to one side so that all the play can be measured at one place (the left side in the diagram).
   Use a clearance gauge for easy and accurate measurement.
3. Loosen 4 plate mounting bolts (2), and loosen plate (3).
   The shim is a split type, so the operation can be carried out without removing the bolts.
4. Remove shim (4) corresponding to the amount of play "a" measured above.
   [Example]
   In the case of play of 3 mm (0.118 in), remove two 1.0 mm (0.039 in) shims and one 0.5 mm (0.020 in) shim. Play becomes 0.5 mm (0.020 in). For shim (4), two types of 1.0 mm (0.039 in) and 0.5 mm (0.020 in) are used.
   When play "a" is smaller than one shim, do not carry out any maintenance.
5. Tighten the four bolts (2).
   If the bolts (2) are too stiff to tighten, pull out pin stopper bolt (5) for easier tightening.

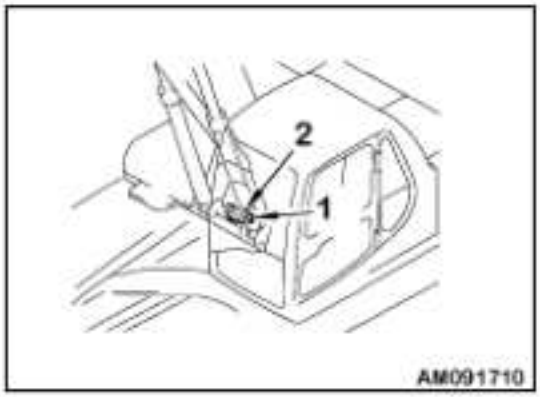


Remark

Item (6) is the arm
Item (7) is the Bucket

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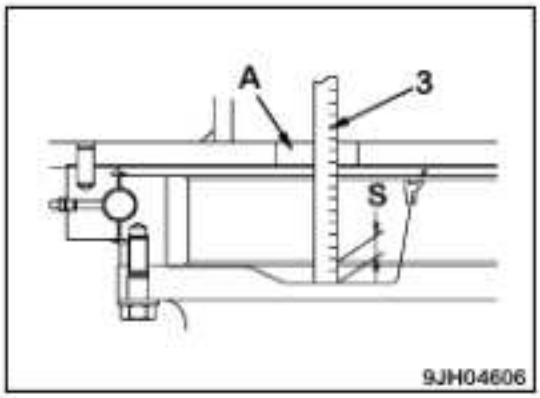
Check Swing Pinion Grease Level, Add Grease



Prepare a ruler.

1. Remove bolts (1) (2 bolts) on the top of the revolving frame and remove cover (2).
2. Insert ruler (3) into the grease through inspection and adjustment hole (A). Check that the height of grease (S) in the area passing the pinion is at least 9 mm (0.355 in). Add grease if the level is low.
3. Check if the grease is milky white. If it is milky white, it is necessary to change the grease. Please contact your Komatsu distributor.

Total amount of grease: . . . . . .14.6 liters (3.9 US gal)



4. Install cover (2) with bolts (1).

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