

Product: EXCAVATOR

Model: 330B L EXCAVATOR 5LS

Configuration: 330B & 330B L Excavators 5LS00001-UP (MACHINE) POWERED BY 3306 Engine

Disassembly and Assembly 3304B and 3306B Engines for Caterpillar Built Machines

Media Number -SEN5598-09

Publication Date -01/01/2013

Date Updated -25/01/2013

i00987670

Connecting Rod Bearings - Install

SMCS - 1219-012

Installation Procedure

Table 1

Tool	Part Number	Part Description	Qty
A	-	Plastigage	-

NOTICE

Keep all parts clean from contaminants.

Contaminants may cause rapid wear and shortened component life.

Note: Install the connecting rod bearings dry when the clearance checks are made. Put clean engine oil on the connecting rod bearings for final assembly.

1. Install the upper half of the connecting rod bearing in the connecting rod.
2. Install the lower half of the connecting rod bearing in the connecting rod.

Note: Align the tabs on the back of the connecting rod bearings with the tab grooves in the connecting rod.

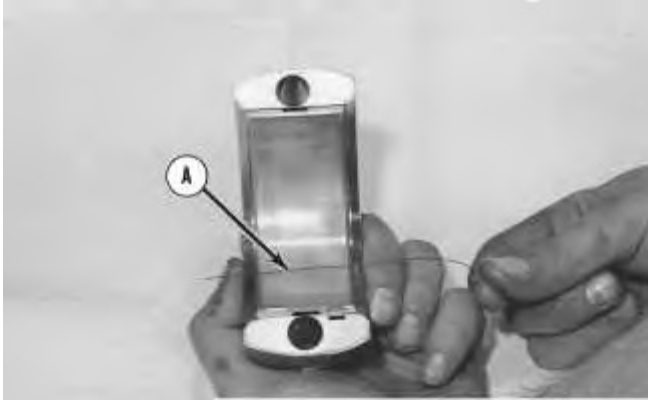


Illustration 1

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3. In order to check the connecting rod bearing clearance, put Tool (A) on the connecting rod bearing, as shown.
4. Put clean engine oil (SAE 30) on the connecting rod bolts.

NOTICE

When the connecting rod caps are installed, ensure that the identification marks are aligned.

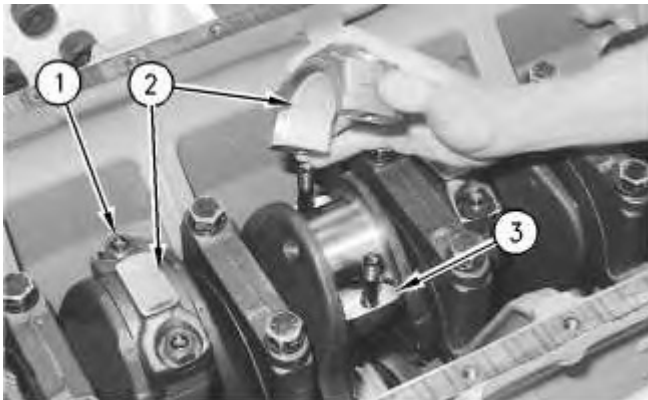


Illustration 2

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Note: Do not turn the crankshaft when Tool (A) is positioned.

5. Ensure that connecting rod (3) is in position on the crankshaft. Install connecting rod cap (2) and connecting rod nuts (1) on connecting rod (3) .
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