



Service Repair Manual

Models

308C CR Mini Hydraulic
Excavator

Product: MINI HYD EXCAVATOR

Model: 308C MINI HYD EXCAVATOR KCX

Configuration: 308C CR Excavator KCX00001-UP (MACHINE) POWERED BY 4M40 Engine

Disassembly and Assembly 308C Excavator Machine Systems

Media Number -REN5848-02

Publication Date -01/11/2007

Date Updated -12/11/2007

i01701366

Bucket - Install

SMCS - 6101-012

Installation Procedure

Note: Make sure that the stick pin bore, the bucket pin bores, the bucket pins, the flange and the O-ring seals are thoroughly clean prior to installation of the bucket.

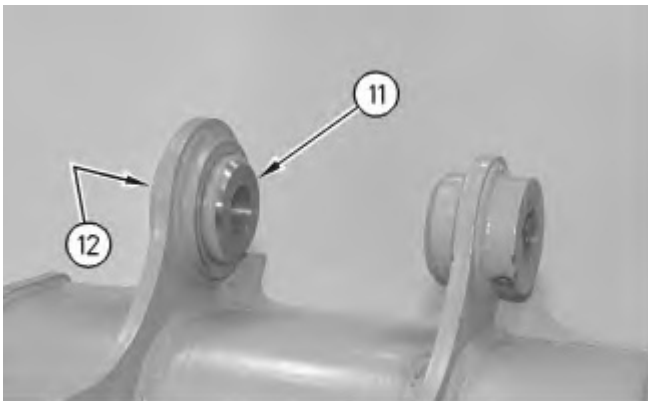


Illustration 1

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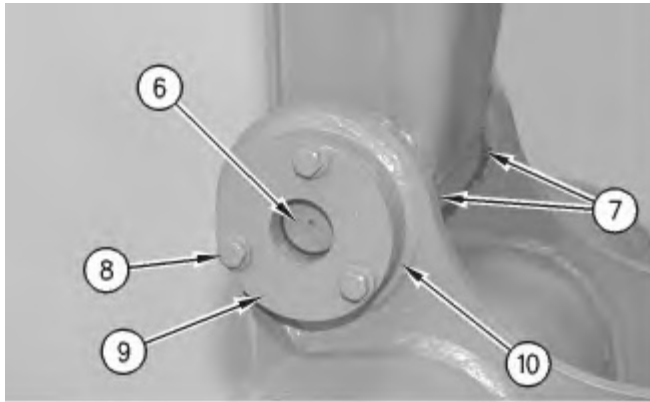


Illustration 2

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1. Check the condition of O-ring seals (7). If the O-ring seals are worn or damaged, use new parts for replacement.
2. Put a thin coat of **5P-0960** Molybdenum Grease on the outside machined surface of flange (11). Put a thin coat of **5P-0960** Molybdenum Grease in the bore of flange (11). Install flange (11) in the bucket. Install dowel (12) in the flange.
3. Lower the stick into the bucket and align the pin bores. Move the bucket until one side of the bucket makes contact with the stick. Measure the clearance between the bucket and the stick at flange (11). Add a minimum of three shims between plate (9) and flange (11). Add shims until the clearance between the stick and the bucket is 0.5 mm (0.02 inch) to 1.0 mm (0.04 inch).
4. Put a thin coat of **5P-0960** Molybdenum Grease on bucket pin (6). Install bucket pin (6) and O-ring seals (7). Align the retaining bolt hole in the bucket pin with the retaining bolt hole in the bucket. Install the retaining bolt and nuts (2).

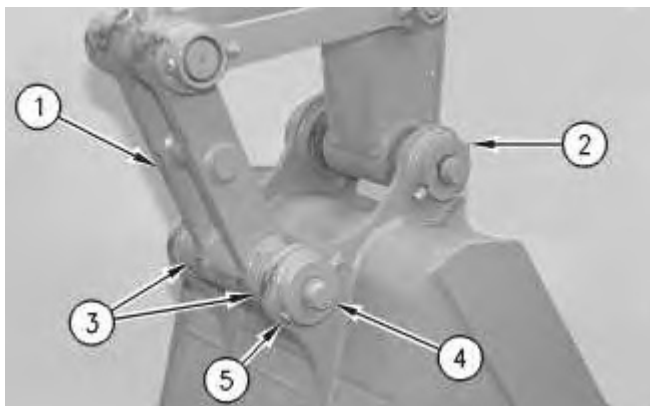


Illustration 3

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5. Align the pin bore in link assembly (1) with the pin bores in the bucket.
6. Put a thin coat of **5P-0960** Molybdenum Grease on bucket pin (4). Install bucket pin (4) and O-ring seals (3).
7. Align the retaining bolt hole in the bucket pin with the retaining bolt hole in the bucket. Install retaining bolt (5) and the nuts.

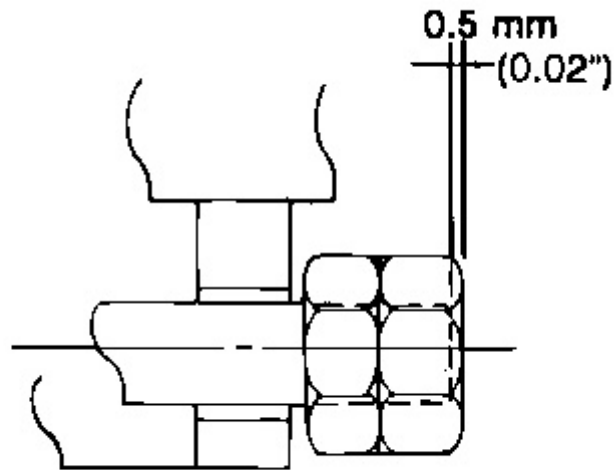


Illustration 4

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8. Tighten retaining nuts (2) and (5). Position the outside nut even with the end of the retaining bolt or 0.5 mm (0.02 inch) beyond the end of the retaining bolt. Tighten the inside nut against the outside nut to a torque of $70 \pm 15 \text{ N}\cdot\text{m}$ ($50 \pm 10 \text{ lb ft}$).
9. Lubricate the bucket control linkage. Refer to Operation and Maintenance Manual, SEBU7421, "Bucket Linkage - Lubricate" for the correct procedure.

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i01944367

Bucket Linkage - Remove

SMCS - 6513-011

Removal Procedure



When the pin assembly is removed, the linkage assembly may swing out of the bucket. To prevent possible personal injury, do not stand in front of the linkage assembly when the pin assembly is being removed.

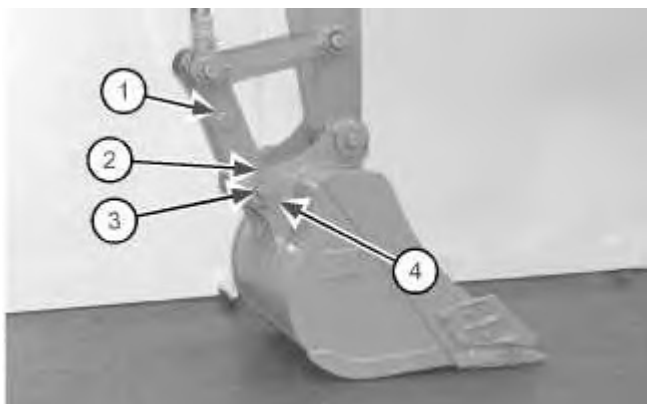


Illustration 1

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1. Position the bucket and the stick on the ground.
2. Remove retaining bolt (4) and nuts (2) from bucket pin (3).

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