

Product: EXCAVATOR

Model: 330C EXCAVATOR JNK

Configuration: 330C & 330C L Excavators JNK00001-UP (MACHINE) POWERED BY C-9 Engine

## Disassembly and Assembly 330C Excavator Machine Systems

Media Number -REN5438-14

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i02344155

# Piston Motor (Hydraulic Fan) - Assemble

SMCS - 1386-016-QP; 5058-016-FM; 5058-016-HFN

## Assembly Procedure

Table 1

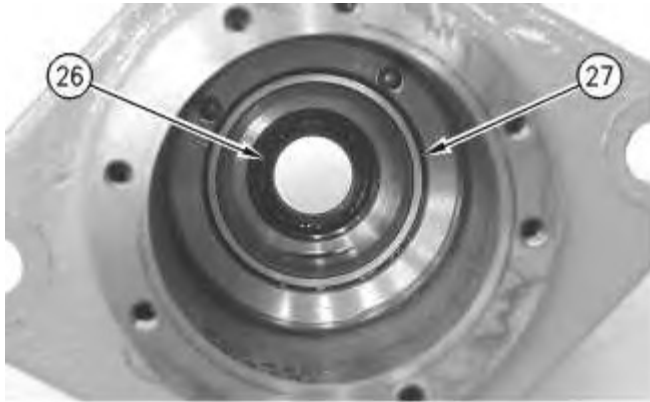
Required Tools			
Tool	Part Number	Part Description	Qty
A	9S-9152	Bearing Puller Gp	1
C	1P-1857	Retaining Ring Pliers	1
D	1P-0510	Driver Gp	1
E	1U-6396	O-Ring Assembly Compound	1
F	1P-1854	Retaining Ring Pliers	1

**Note:** O-rings, gaskets, and seals should always be replaced. A used O-ring may not have the same sealing properties as a new O-ring. A reconditioning procedure should not be degraded because of a low cost component such as an O-ring or a gasket. Use Tooling (E) during the assembly procedure.

**Note:** Cleanliness is an important factor. Before assembly, all parts should be thoroughly cleaned in cleaning fluid. Allow the parts to air dry. Wiping cloths or rags should not be used to dry parts. Lint may be deposited on the parts which may cause later trouble. Inspect all parts. If any parts are worn or damaged, use new parts for replacement. All disassembly and all assembly procedures must be performed on a clean work surface and in a clean hydraulic area. Keep cleaned parts covered and protected at all times.

**Note:** Apply a light film of SAE 10W oil to all components before assembly.

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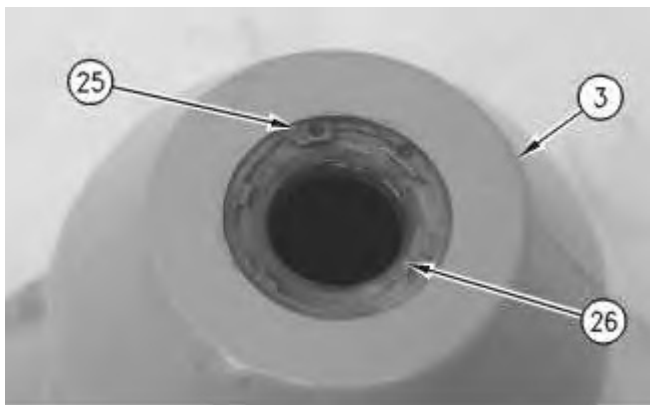
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Illustration 1

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1. Use Tooling (D) in order to install bearing cup (27) .

**Note:** Bearing cup (27) must be fully seated. Bearing cup (27) must be properly seated in order for the motor to assemble properly.



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Illustration 2

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2. Rotate housing (3) . Use Tooling (D) in order to install seal (26) .
  3. Use Tooling (C) in order to install retaining ring (25) .
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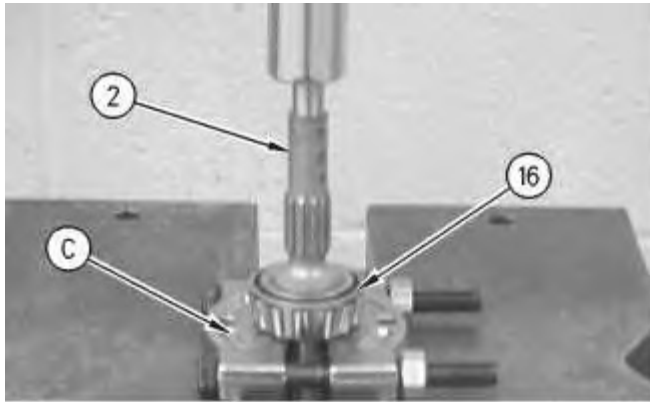


Illustration 3

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4. Install shaft (2) and bearing cone (16) in a suitable press. Press bearing cone (16) onto shaft (2) .

**Note:** Bearing cone (16) must be fully seated. Bearing cone (16) must be properly seated in order for the motor to assemble properly.

5. Assemble the rotating group in the following manner:

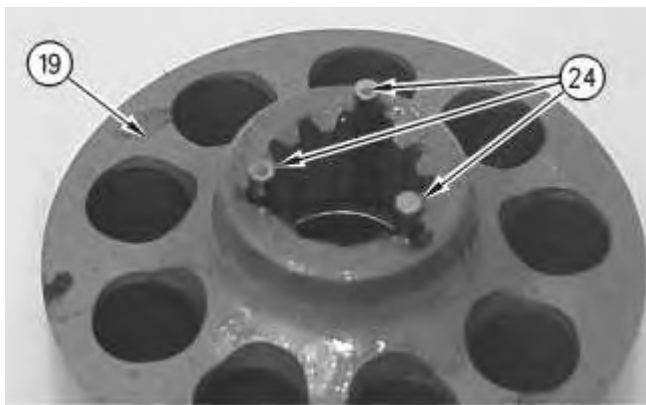
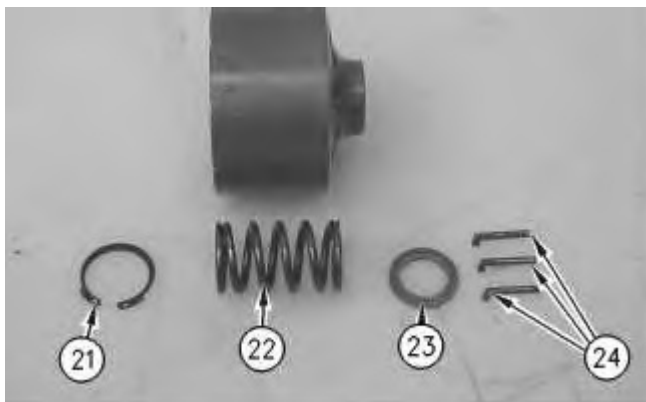


Illustration 4

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- a. Install pins (24) in the top of barrel assembly (19) .



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