



# Service Repair Manual

## **Models**

336D2 and 336D2 L Excavator

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Product: EXCAVATOR

Model: 336D2 EXCAVATOR WDC

Configuration: 336D2 & 336D2 L Excavators WDC00001-UP (MACHINE) POWERED BY C9 Engine

## Disassembly and Assembly

### 330D, 336D, 336D2, 340D and 340D2 Excavators and 336D MHPU Mobile Hydraulic Power Unit Machine Systems

Media Number -REN8648-30

Publication Date -01/03/2015

Date Updated -15/08/2018

i02415273

## 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
B	1P-1861	Retaining Ring Pliers	1
C	1P-0510	Driver Gp	1

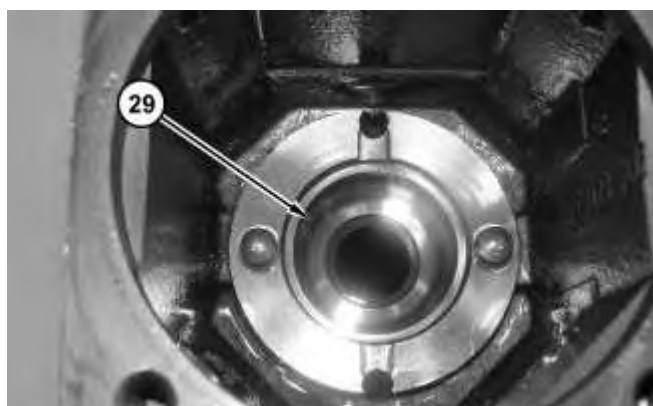


Illustration 1

g01207288

1. Install bearing cup (29).

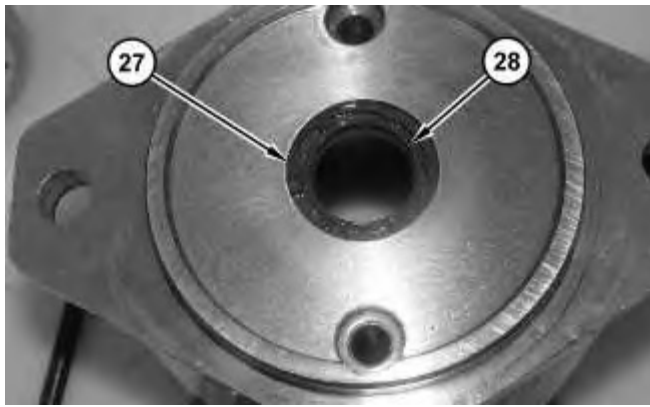


Illustration 2

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2. Install lip seal (28).
3. Use Tooling (C) in order to install retaining ring (27).

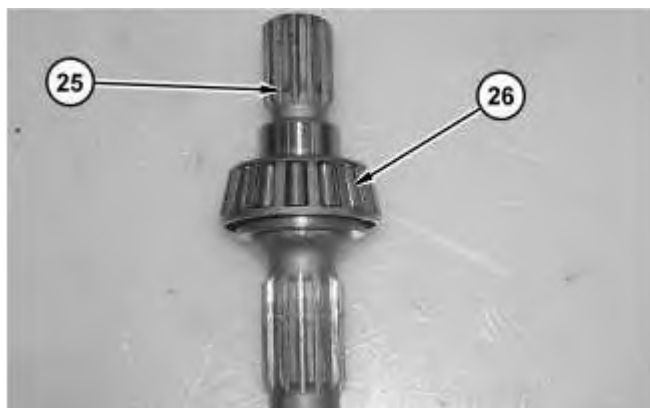


Illustration 3

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4. Raise the temperature of bearing cone (26).
5. Install bearing cone (26) onto shaft (25).

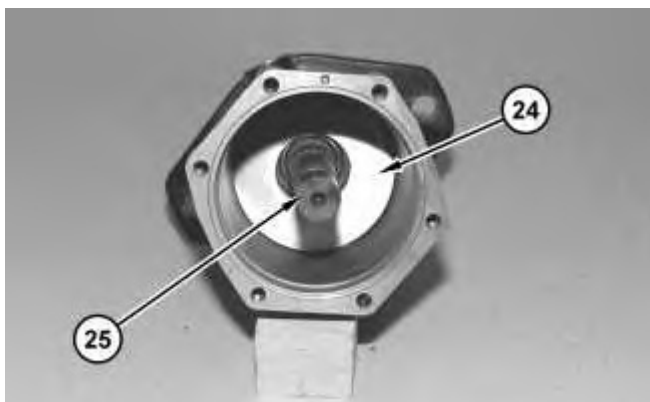


Illustration 4

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6. Install shaft (25) and swashplate (24).

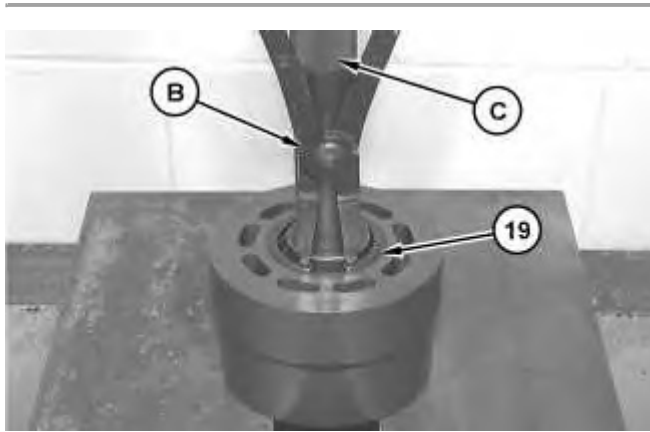


Illustration 5

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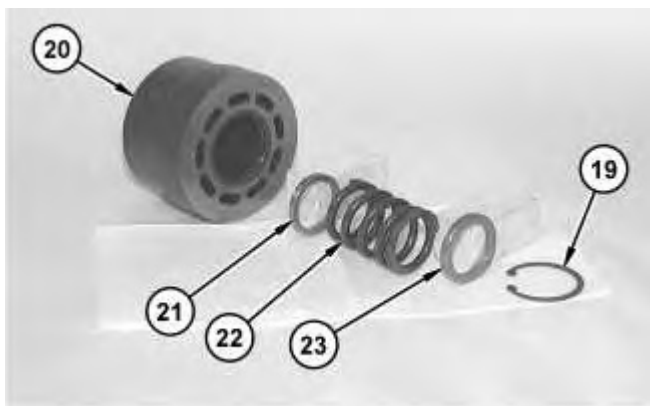


Illustration 6

g01207284



**Improper assembly of parts that are spring loaded can cause bodily injury.**

**To prevent possible injury, follow the established assembly procedure and wear protective equipment.**

- 
7. Install shim (21), spring (22), and shim (23).
  8. Use Tooling (C) and Tooling (B) in order to install retaining ring (19).
-

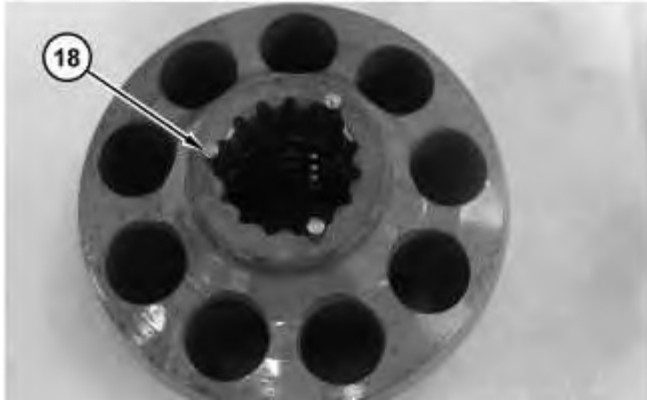


Illustration 7

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9. Install pins (18).

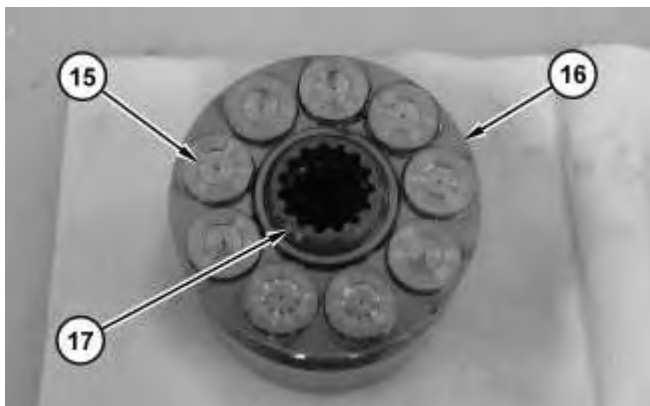


Illustration 8

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10. Install bearing (17).
11. Install pistons (15) and retainer (16).

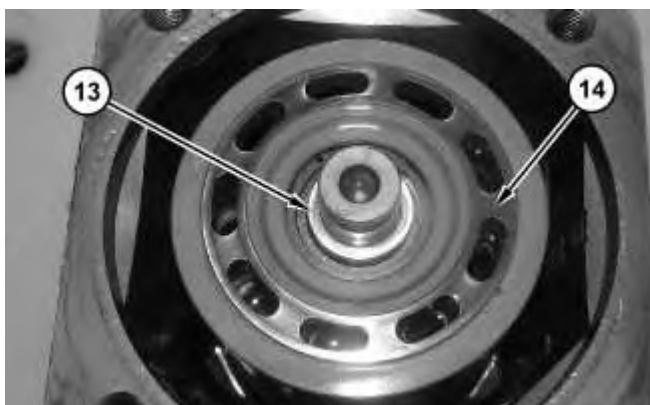


Illustration 9

g01207280

12. Install rotating group (14) and shim (13).

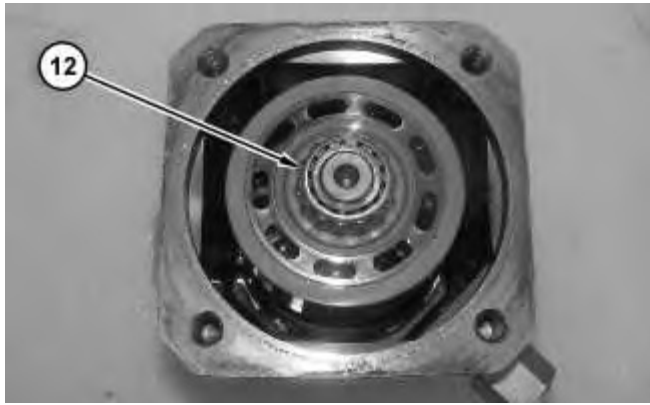


Illustration 10

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13. Install bearing cone (12).

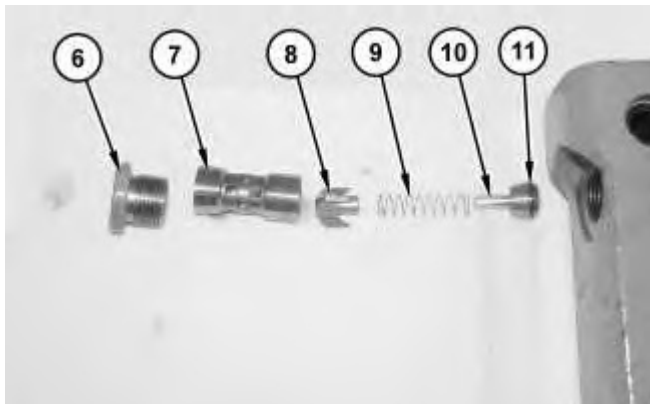


Illustration 11

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**WARNING**

**Improper assembly of parts that are spring loaded can cause bodily injury.**

**To prevent possible injury, follow the established assembly procedure and wear protective equipment.**

14. Install O-ring seal (11), poppet (10), spring (9), poppet (8), sleeve (7), and plug (6).

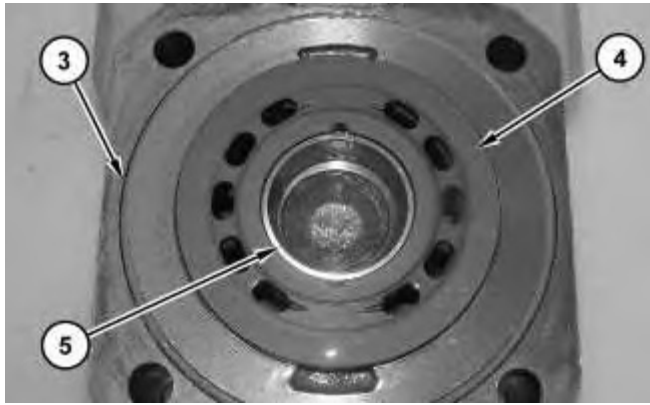


Illustration 12

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15. Lower the temperature of bearing cup (5).
16. Install bearing cup (5), port plate (4), and O-ring seal (3).

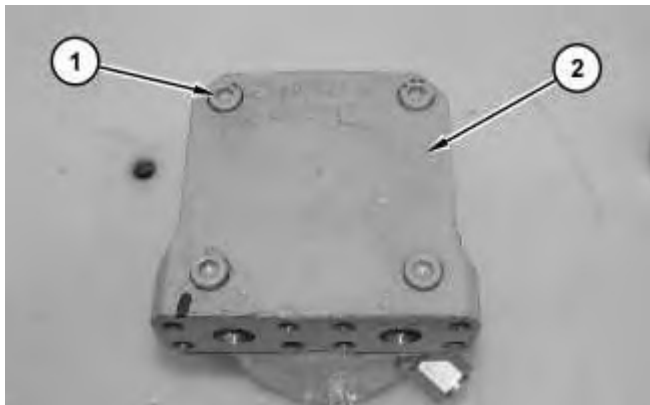


Illustration 13

g01207275



**Improper assembly of parts that are spring loaded can cause bodily injury.**

**To prevent possible injury, follow the established assembly procedure and wear protective equipment.**

17. Install head (2) and bolts (1).

**End By:**

- a. Install the piston motor. Refer to Disassembly and Assembly, "Piston Motor (Hydraulic Fan) - Install".

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