

Product: EXCAVATOR

Model: 330D L EXCAVATOR B6H

Configuration: 330D L Excavators B6H00001-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

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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

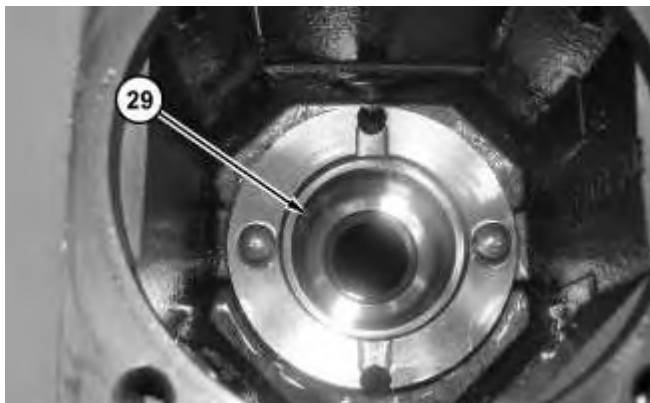


Illustration 1

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1. Install bearing cup (29).

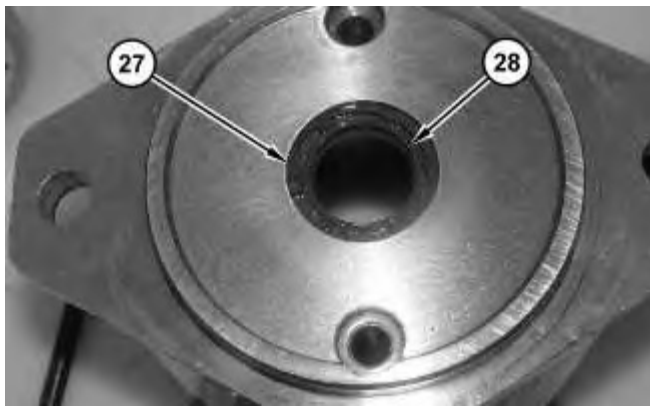


Illustration 2

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

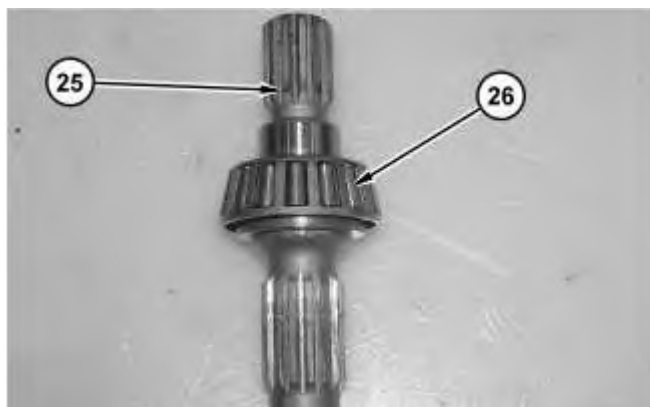


Illustration 3

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

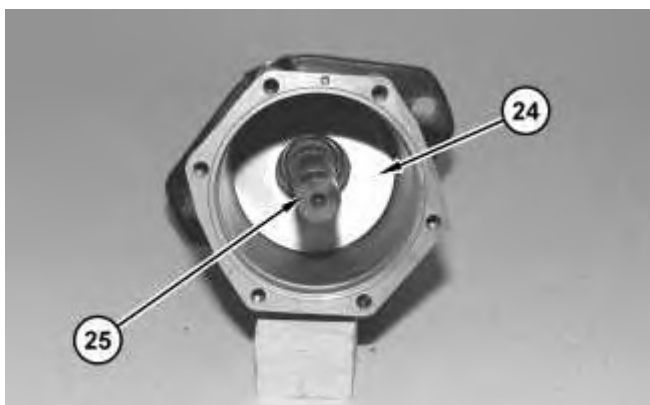


Illustration 4

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

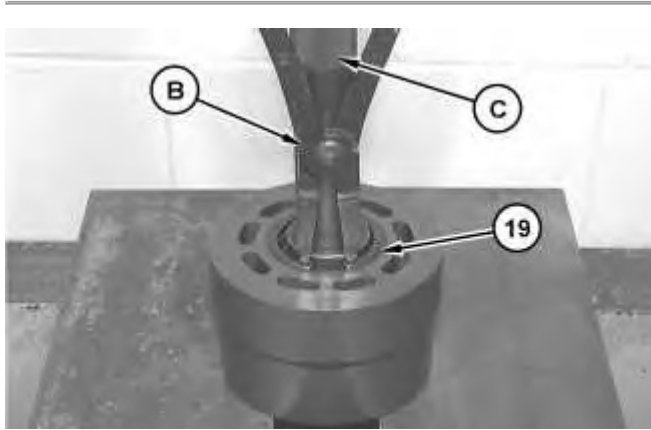


Illustration 5

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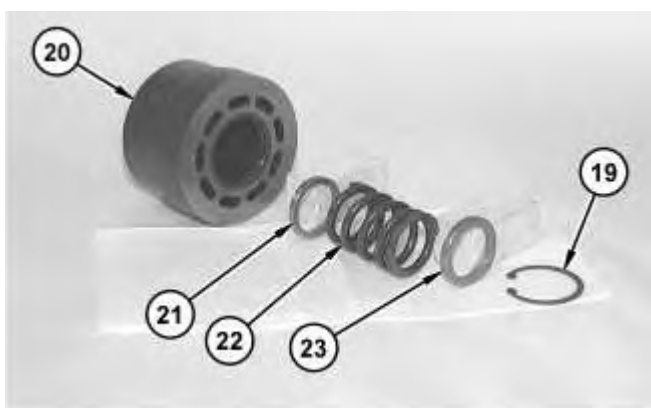


Illustration 6

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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.

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

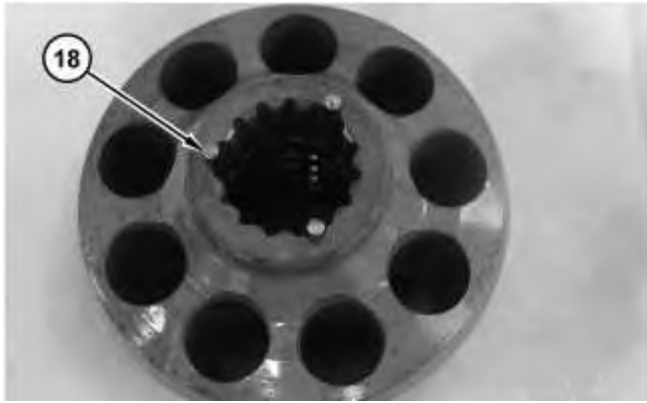


Illustration 7

g01207282

9. Install pins (18).

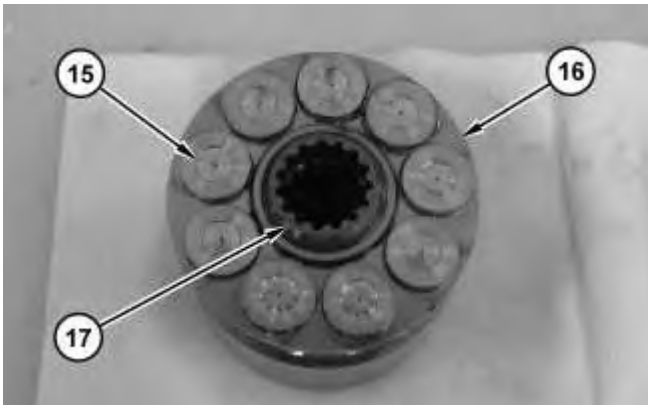


Illustration 8

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

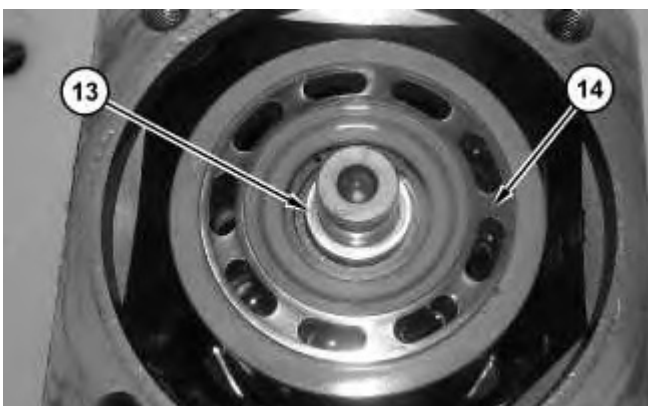


Illustration 9

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

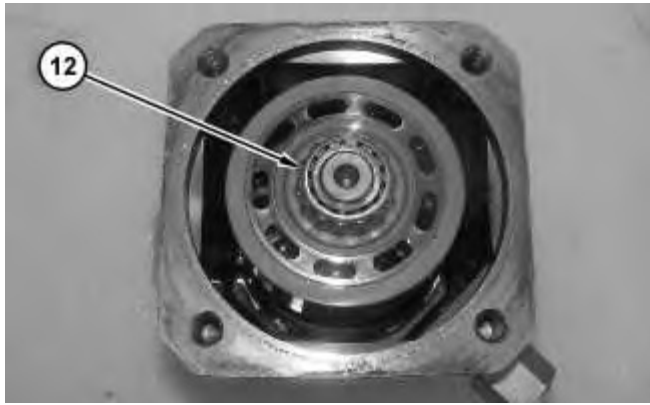


Illustration 10

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13. Install bearing cone (12).

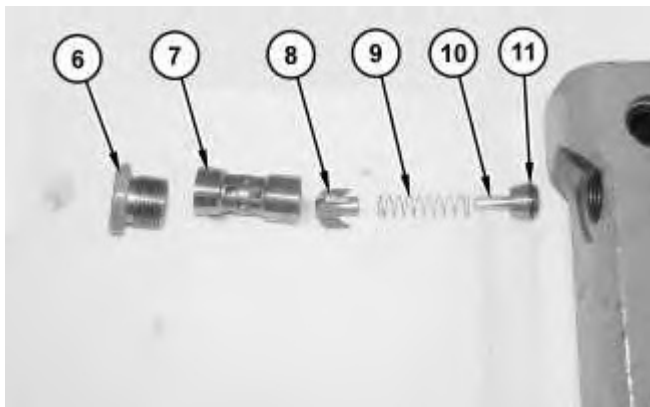


Illustration 11

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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).

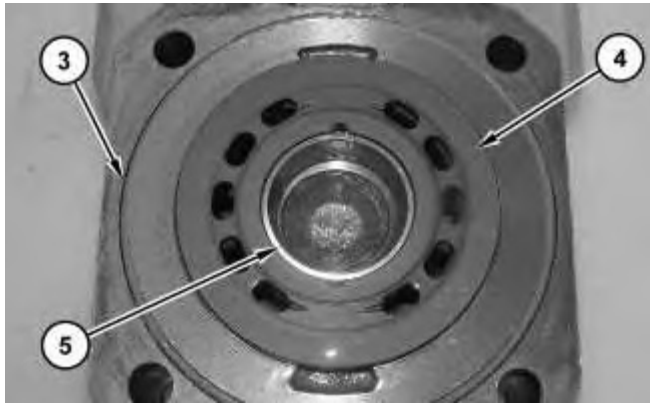


Illustration 12

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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).

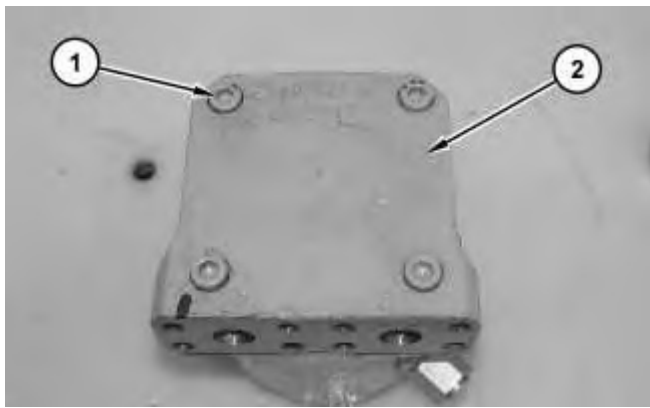


Illustration 13

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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.

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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