



# Service Repair Manual

## **Models**

336D L Excavator

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Product: EXCAVATOR

Model: 336D L EXCAVATOR ZML

Configuration: 336D L Excavator ZML00001-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

i02732015

## Piston Pump (Hydraulic Fan) - Assemble

SMCS - 1387-016-QP; 5070-016-HFN

### Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
B	1P-1857	Retaining Ring Pliers	1
D	8T-5096	Dial Indicator Gp	1



Illustration 1

g01212915

1. Lower the temperature of bearing cup (49). Install bearing cup (49).

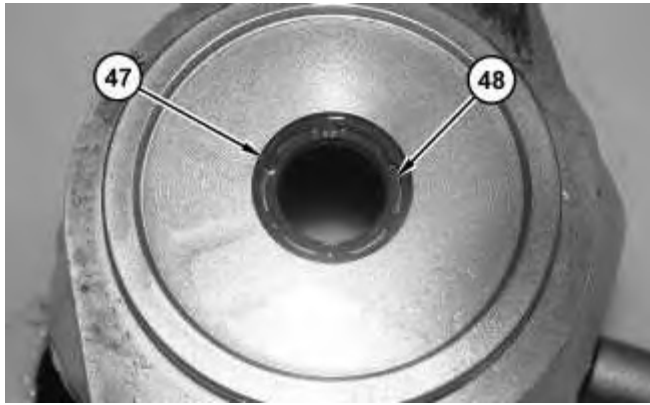


Illustration 2

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2. Install lip seal (48).
3. Use Tooling (B) in order to install retaining ring (47).

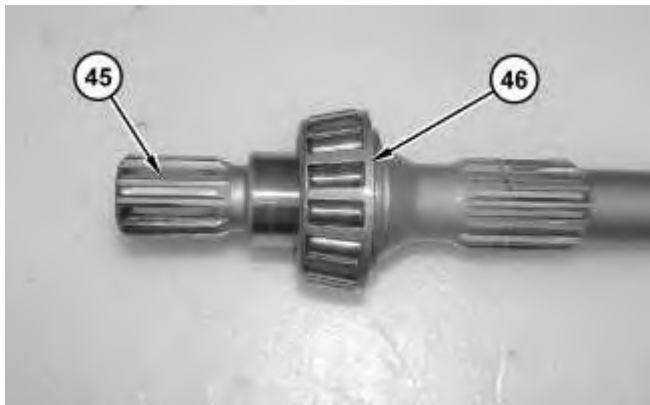


Illustration 3

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4. Raise the temperature of bearing cone (46).
5. Install bearing cone (46) onto shaft (45).

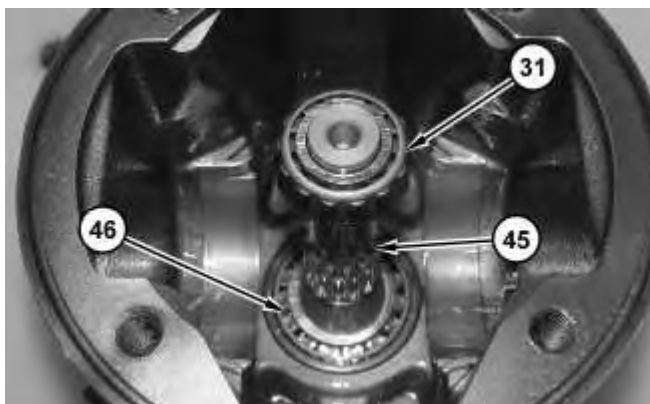


Illustration 4

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6. Install bearing cone (46), shaft (45), and bearing cone (31).

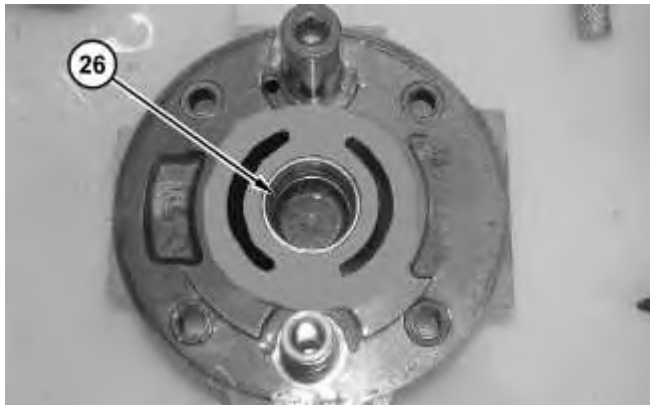


Illustration 5

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7. Lower the temperature of bearing cone (26). Install bearing cone (26).

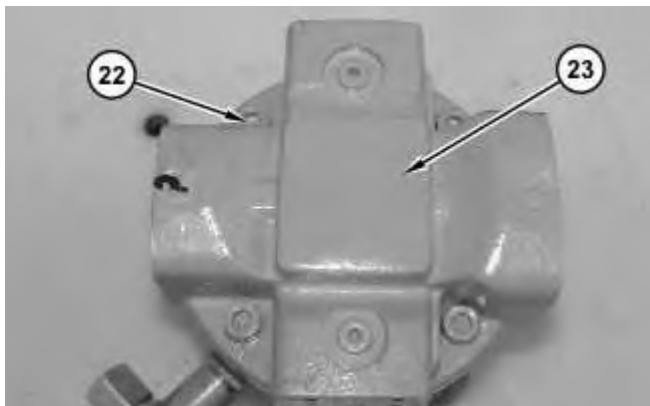


Illustration 6

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8. Position head (23) onto the housing.
9. Install bolts (22).

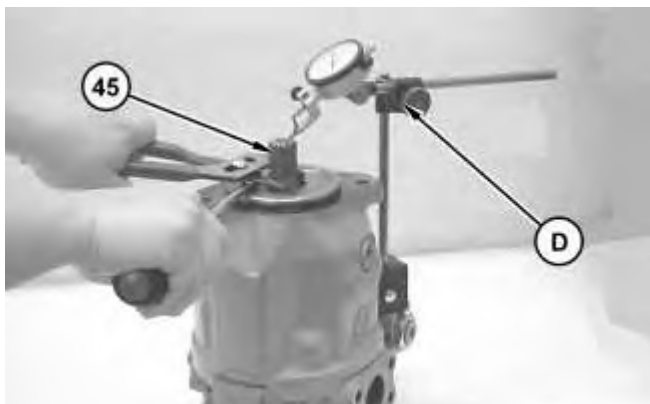


Illustration 7

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10. Use Tooling (D) in order to determine the end play of shaft (45).
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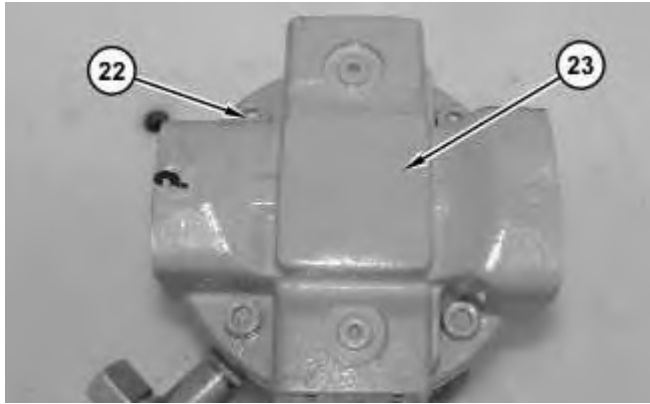


Illustration 8

g01212900

11. Remove bolts (22) and head (23).

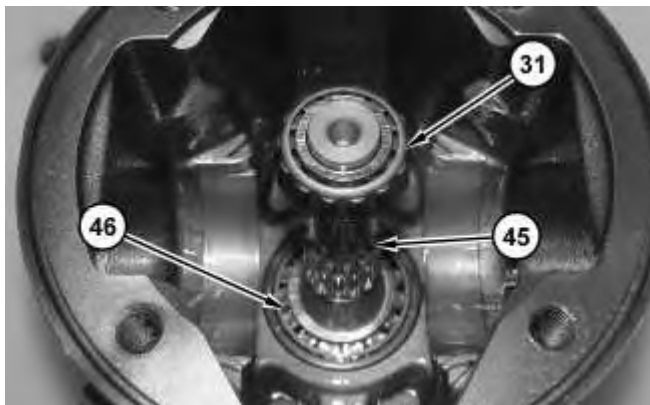


Illustration 9

g01213405

12. Remove bearing cone (31).

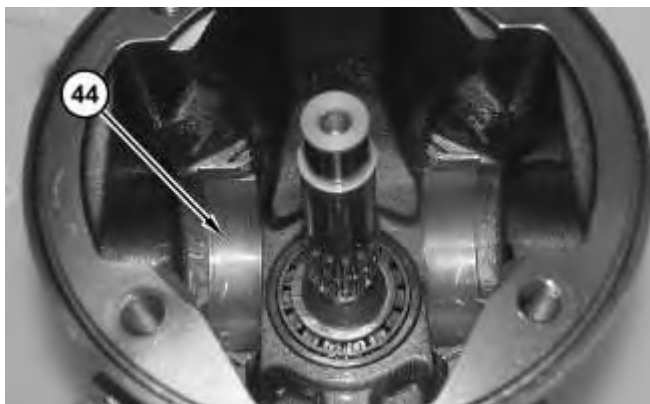


Illustration 10

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13. Install bearings (44).

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