



Service Repair Manual

Models

330D FM EXCAVATOR

Product: EXCAVATOR

Model: 330D FM EXCAVATOR L2K

Configuration: 330D Forest Swing Machine L2K00001-UP (MACHINE) POWERED BY C9 Engine

Disassembly and Assembly 330D Forest Machine Machine Systems

Media Number -KENR5988-00

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i05861332

Travel Motor - Assemble

SMCS - 4351-016

Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1U-7563	Hex Wrench	1
C	6V-3821	Bolt	1
E	136-1452	Retaining Ring Pliers	1
F	1P-0510	Driver Group	1
G	149-4935	Measuring Tool	1

Note: Replace all O-ring seals and gaskets. Apply a light film of hydraulic oil to all components before assembly.

Note: Cleanliness is an important factor. Before assembly, clean all parts 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.

Note: The assembly procedure begins with the head. The assembly procedure for the body follows.

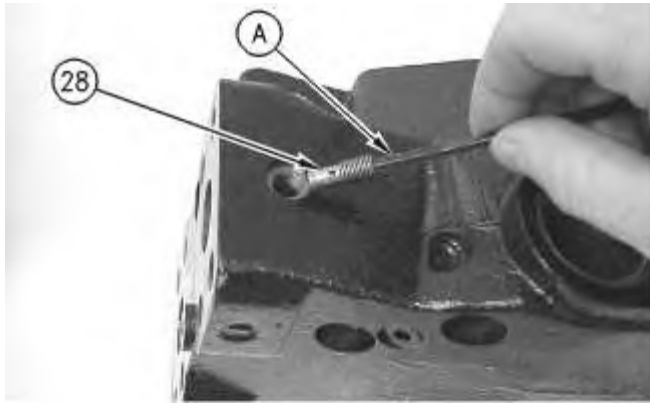


Illustration 1

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1. Use Tooling (A) in order to install shuttle valve (28) .

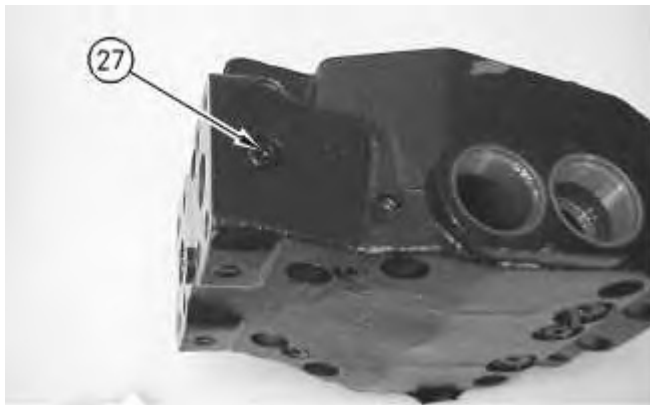


Illustration 2

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2. Install plug (27) .

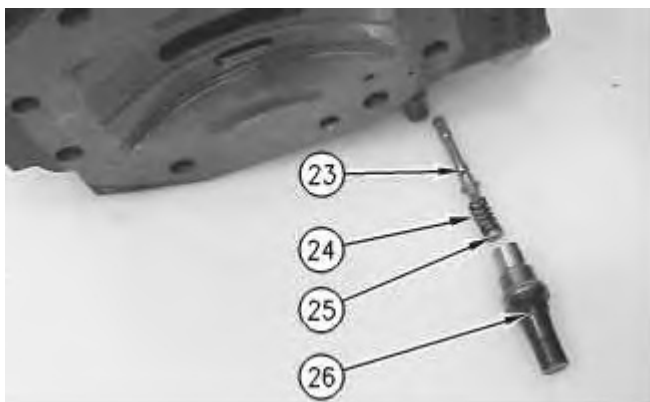


Illustration 3

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3. Assemble spool (23) , spring (24) , seat (25) , and cap (26) .



Illustration 4

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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.

4. Install valve assembly (22) .
5. Install the spool, the spring, the seat, and the cap on the other side of the head.

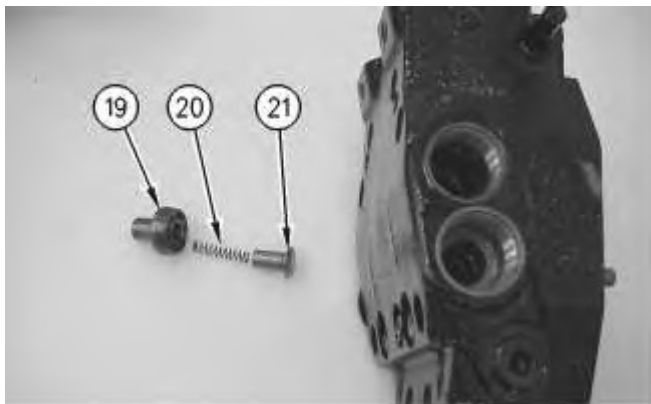


Illustration 5

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6. Assemble poppet (21) , spring (20) and valve assembly (19) .
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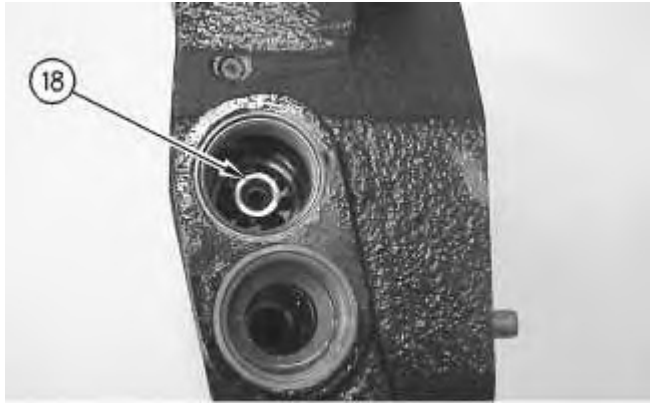


Illustration 6

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7. Install valve assembly (18) .
8. Install the poppet, the spring, and the valve assembly on the other side of the head.

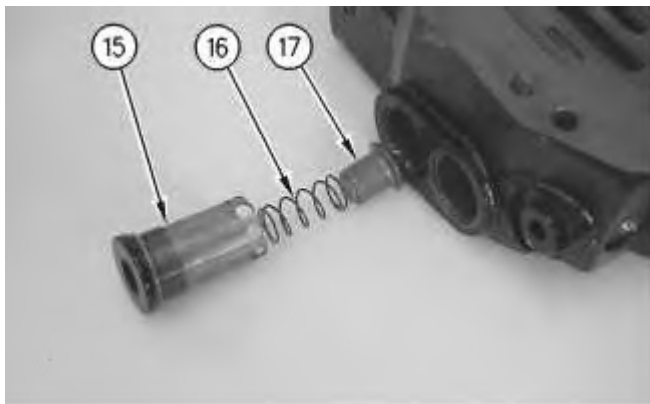


Illustration 7

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9. Assemble seat (17) , spring (16) , and cap (15) .

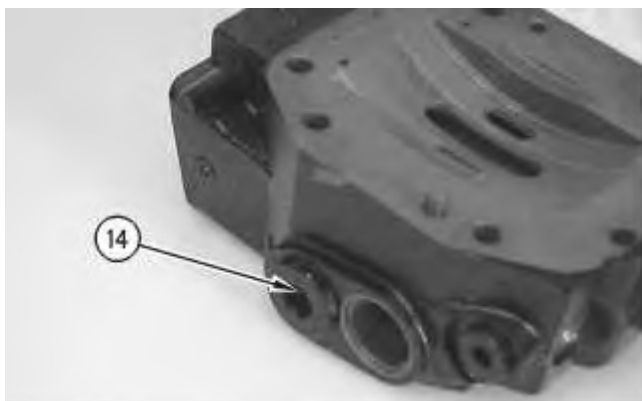


Illustration 8

g00841855

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