

Product: MINI HYD EXCAVATOR

Model: 304 MINI HYD EXCAVATOR NAD

Configuration: 304CR Mini Hydraulic Excavator NAD00001-UP (MACHINE) POWERED BY S4L2 Engine

## Disassembly and Assembly

### 304 Mini Hydraulic Excavator Engine Supplement and Machine Systems

Media Number -REN6668-01

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i01823295

## Travel Motor - Disassemble

SMCS - 4351-015; 79PC-015

## Disassembly Procedure

Table 1

| Required Tools |             |                  |     |
|----------------|-------------|------------------|-----|
| Tool           | Part Number | Part Description | Qty |
| A              | 1P-1862     | Snap Ring Pliers | 1   |
| B              | 1U-7588     | Pry Bar          | 2   |

### Start By:

- A. Remove the piston motor (travel). Refer to Disassembly and Assembly, "Piston Motor (Travel) - Remove" in this manual.

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### NOTICE

Care must be taken to ensure that fluids are contained during performance of inspection, maintenance, testing, adjusting and repair of the product. Be prepared to collect the fluid with suitable containers before opening any compartment or disassembling any component containing fluids.

Refer to Special Publication, NENG2500, "Caterpillar Tools and Shop Products Guide" for tools and supplies suitable to collect and contain fluids on Caterpillar products.

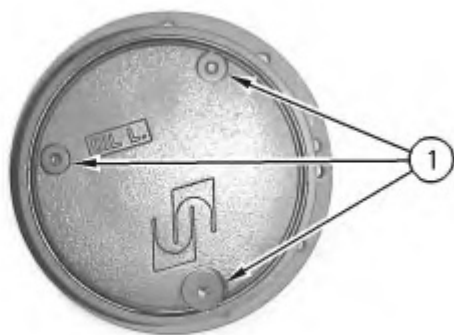
Dispose of all fluids according to local regulations and mandates.

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**Note:** Put identification marks on the travel motor and on all lines for installation purposes. Plug all lines. This will help to prevent fluid loss and this helps to keep contaminants from entering the system.

**Note:** Cleanliness is an important factor. Before the disassembly procedure, the exterior of the component should be thoroughly cleaned. This will help to prevent dirt from entering the internal mechanism.

1. Put an alignment mark across the section of the travel motor and the final drive for assembly purposes. The parts must be reinstalled in the original locations of the parts.



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Illustration 1

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2. Remove plugs (1). Drain the oil.



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Illustration 2

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3. Remove bolts (2). Remove plate (3).
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Illustration 3

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4. Remove port plate (4) .



Illustration 4

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5. Remove barrel assembly (5) .

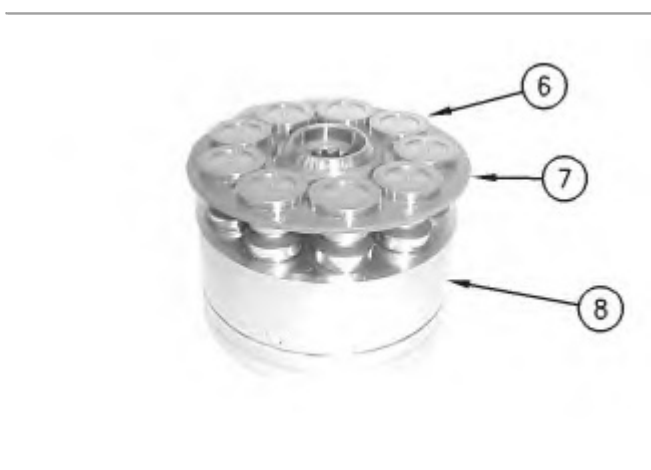


Illustration 5

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