



# Service Repair Manual

## **Models**

336D2, 336D2 L and  
336D2 GC Excavator

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Product: EXCAVATOR

Model: 336D2 L EXCAVATOR HBK

Configuration: 336D2, 336D2 L & 336D2 GC Excavators HBK00001-UP (MACHINE) POWERED BY C9 Engine

## Disassembly and Assembly 336D 2L and 340D 2L Excavators Machine Systems

Media Number -M0065626-02

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i06605028

### Travel Motor - Disassemble

SMCS - 4351-015

### Disassembly Procedure

Table 1

| Required Tools |             |  |     |
|----------------|-------------|--|-----|
| Tool           | Part Number | Part Description                           | Qty |
| A              | 1U-7506     | Adapter                                    | 1   |
|                | 8T-4244     | Nut  | 6   |
|                | 8T-4223     | Hard Washer                                | 6   |
|                | -           | M12 x 1.75 x 250 mm (10 inch) Threaded Rod | 1   |
| B              | 8T-0651     | Bolt                                       | 1   |
|                | 8T-4167     | Hard Washer                                | 1   |
| C              | 3E-3882     | Eyebolt                                    | 1   |
| D              | 1P-1859     | Retaining Ring Pliers                      | 1   |
| E              | 1P-0510     | Driver Gp                                  | 1   |
|                | 9S-9152     | Bearing Puller Gp                          | 1   |
| F              | 1P-1861     | Retaining Ring Pliers                      | 1   |

#### Start By:

- a. Remove the travel motor.
  1. Fasten the travel motor in Tooling (A) in a vertical position. The weight of the travel motor is approximately 88 kg (195 lb).

- Put an alignment mark across the head and the body of the travel motor for assembly purposes. The head must be reinstalled in the head's original position on the body of the travel motor.



Illustration 1

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## **WARNING**

**Personal injury can result from being struck by parts propelled by a released spring force.**

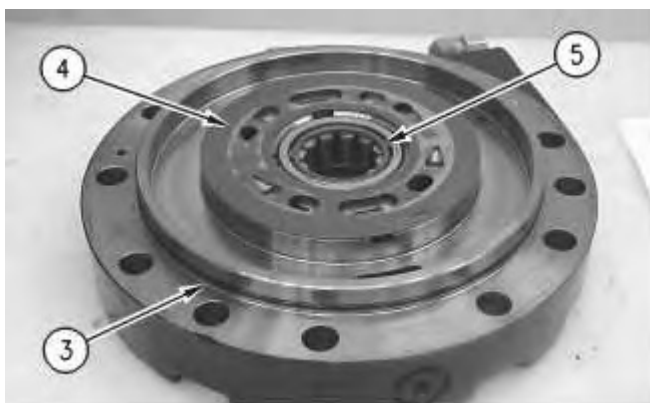
**Make sure to wear all necessary protective equipment.**

**Follow the recommended procedure and use all recommended tooling to release the spring force.**

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**Note:** During the removal of head (2) from the travel motor, be careful not to damage the mating surfaces of the components.

- Remove bolts (1).
- Remove head (2) from the body of the travel motor.



5. Remove O-ring seal (3), port plate (4), and bearing (5).

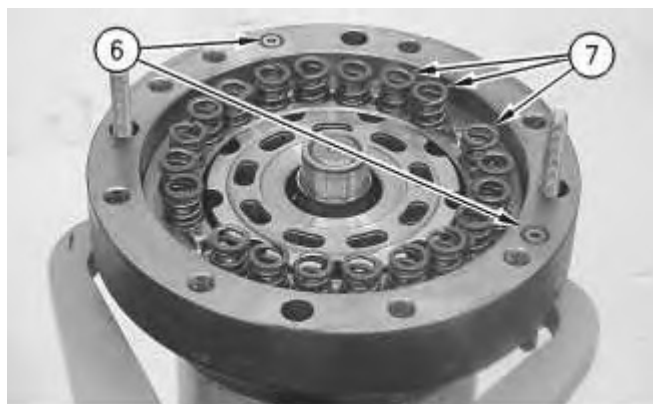


Illustration 3

6. Remove O-ring seals (6). Remove springs (7).

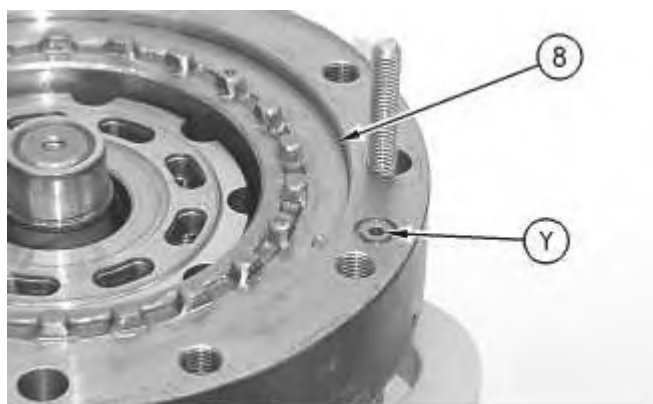


Illustration 4

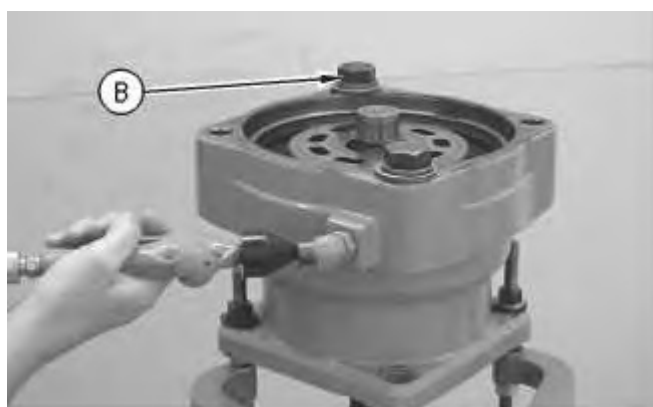


Illustration 5

Example of the use of Tooling (B).

- Place a shop towel over brake piston (8). Retain brake piston (8) with Tooling (B). Apply approximately 525 kPa (75 psi) of shop air pressure to brake release Port (Y). Make sure that the shop air pressure is free of water. Brake piston (8) will move up the piston guide, and out of the piston guide. Remove brake piston (8) from the body of the travel motor.



Illustration 6

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- Remove seal (9) and backup ring (10) from the brake piston.
- Remove seal (11) and backup ring (12) from the brake piston.



Illustration 7

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- Remove plates (13) and friction discs (14).

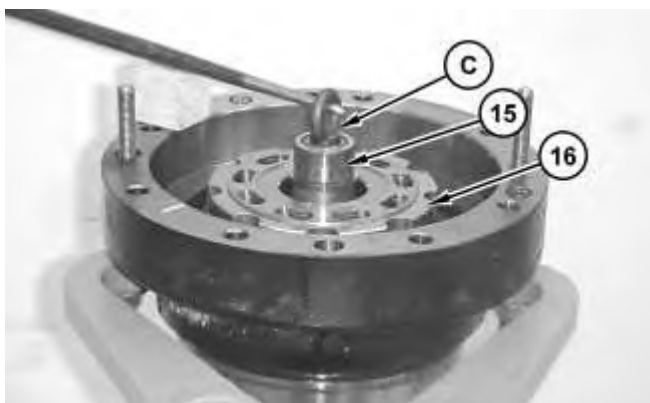


Illustration 8

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