



# Service Repair Manual

## **Models**

324E L and 324E LN Excavator

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Product: EXCAVATOR

Model: 324E L EXCAVATOR TLF

Configuration: 324E L & 324E LN Excavators TLF00001-UP (MACHINE) POWERED BY C7.1 Engine

## Disassembly and Assembly 324E and 329E Excavators and 329E MHPU Mobile Hydraulic Power Unit Machine Systems

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i04216221

### Travel Motor - Disassemble

SMCS - 4351-015

S/N - JCZ1-UP

S/N - K2L1-UP

S/N - KTE1-UP

S/N - LDG1-UP

S/N - PNW1-UP

S/N - PTY1-UP

S/N - RDX1-UP

S/N - RLD1-UP

S/N - TLF1-UP

S/N - TST1-UP

S/N - WJK1-UP

S/N - ZCD1-UP

### Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty

	1U-7506	Adapter	1
A	8T-4244	Nut	6
	8T-4223	Hard Washer	6
	-	Threaded RodM12 x 1.75 by 250 mm (10 in) long	1
	8T-0651	Bolt	1
B	8T-4167	Hard Washer	1
	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. Refer to Disassembly and Assembly, "Travel Motor - Remove".

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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, "Dealer Service Tool Catalog" for tools and supplies suitable to collect and contain fluids on Cat products.**

**Dispose of all fluids according to local regulations and mandates.**

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1. Thoroughly clean the outside of the travel motor prior to disassembly.
  2. Fasten the travel motor in Tooling (A) in a vertical position. The weight of the travel motor is approximately 60 kg (132 lb).
  3. 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.
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Illustration 1

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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.

**⚠ WARNING**

**Spring force can cause personal injury or death.**

**Do not repair until you have read the Operation and Maintenance Manual.**

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

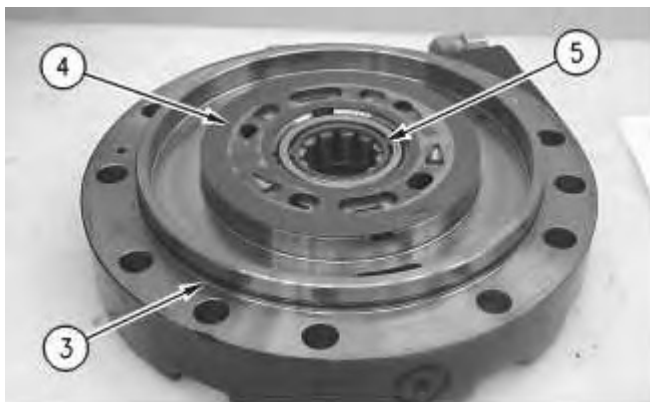


Illustration 2

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

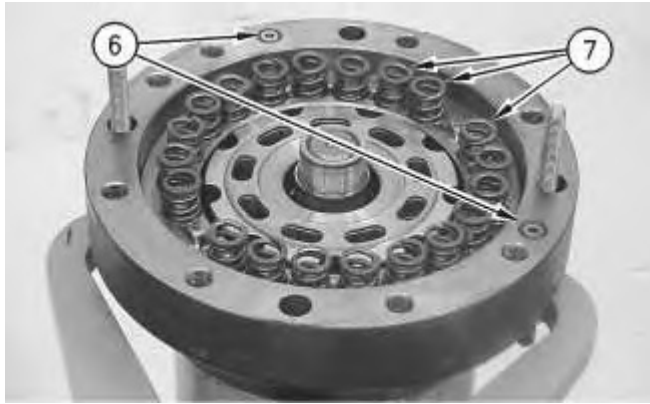


Illustration 3

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

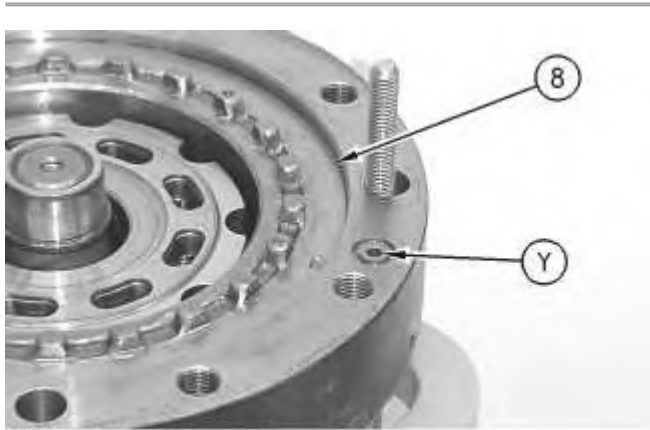


Illustration 4

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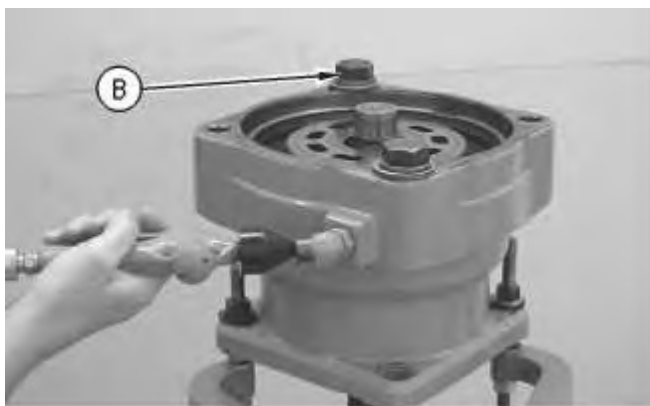


Illustration 5

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This is an example of the use of Tooling (B) .

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