



# Service Repair Manual

## **Models**

336F L and 336F LN Excavator

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Product: EXCAVATOR

Model: 336F L EXCAVATOR WTZ

Configuration: 336F L & 336F LN Excavators WTZ00001-UP (MACHINE) POWERED BY C9.3 Engine

## Disassembly and Assembly 336F Excavator Machine Systems

Media Number -UENR0192-04

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i07195340

## Travel Motor - Disassemble

SMCS - 4351-015

## Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-2420	Transmission Repair Stand	1
B	421-5662	Lifting Eye Assembly	1
C	6V-5215	M8 X 1.25 X 16 MM Bolt	2
	9M-1974	M8 Hard Washer	2
D	1P-0510	Driver Gp	1

### Start By:

- Remove travel motor.

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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<sup>®</sup> products.**

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

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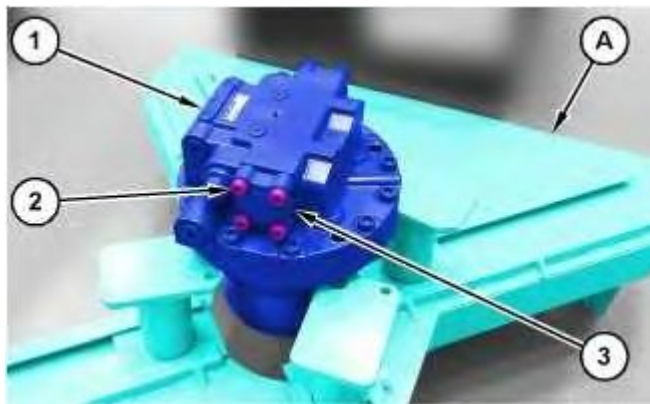


Illustration 1

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1. Fasten travel motor (1) in a vertical position on Tooling (A). The weight of travel motor (1) is approximately 82 kg (180 lb).



**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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2. Remove bolts (2) and cap (3).



**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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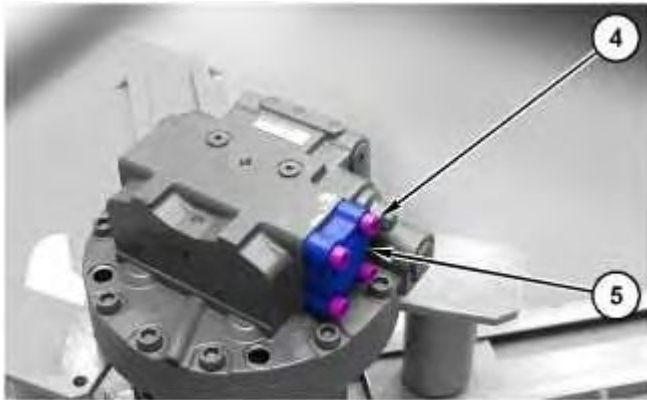


Illustration 2

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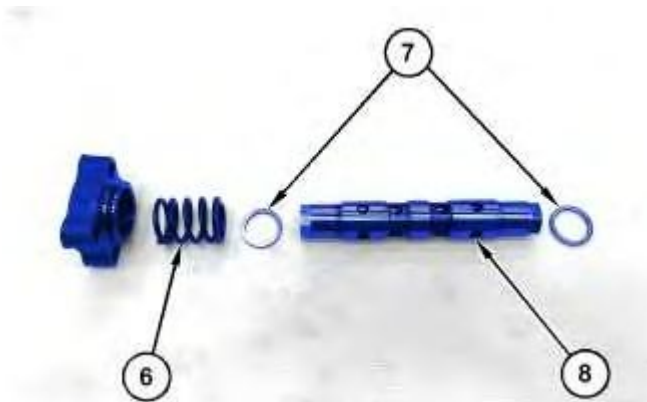


Illustration 3

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Illustration 4

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3. Remove bolts (4) and cap (5).
4. Remove spring (6), spring (9), spool assembly (8), and spring seats (7).

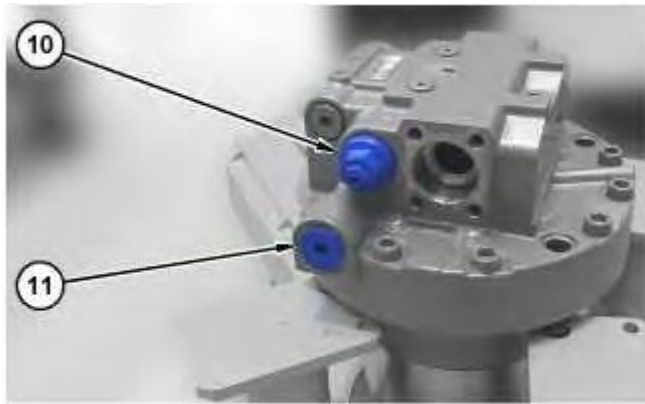


Illustration 5

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5. Remove plug (11), relief valve (10), and the O-ring seals.

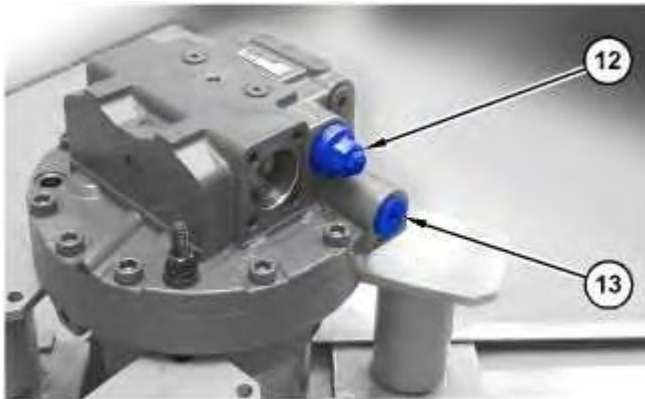


Illustration 6

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6. Remove plug (13), relief valve (12), and the O-ring seals.

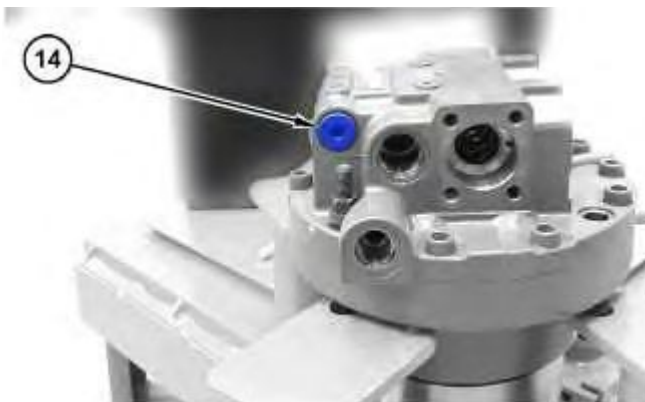


Illustration 7

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7. Remove plug (14), and the O-ring seal.
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