



Service Repair Manual

Models

318F L Excavator

Product: EXCAVATOR

Model: 318F L EXCAVATOR HCP

Configuration: 318F L Excavator HCP00001-UP (MACHINE) POWERED BY C4.4 Engine

Disassembly and Assembly 316F, 318F Excavator Machine Systems

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i07505849

Travel Motor - Disassemble

SMCS - 4351-015

S/N - HCP1-UP

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-2420	Transmission Repair Stand	1
	FT-0957	Positioning Gp	4
B	-	M16x2 Threaded Rod	3
	8T-1757	Nut	6
	9X-8268	Washer	6
C	421-5662	Lifting Eye Assembly	1
D	421-5663	Lifting Eye Assembly	2
E	1U-9895	Crossblock	1
	3H-0465	Push-Puller Plate	2
	8T-0298	Bolt	2

Start By:

- a. Remove the travel motor.
-

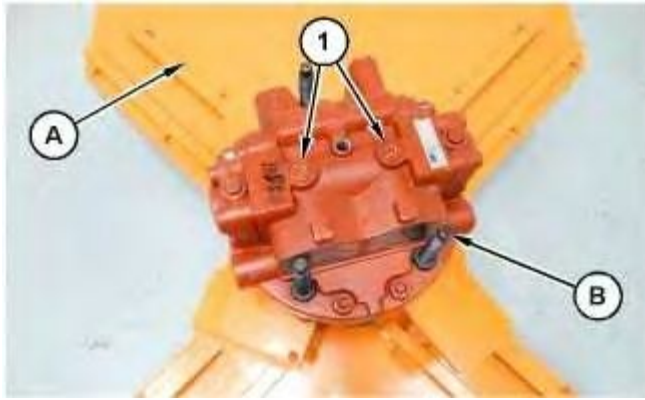


Illustration 1

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1. Attach the travel motor to Tooling (A) and (B). The weight of the travel motor is approximately 70 kg (154 lb).
2. Remove plugs (1) and the O-ring seals.



Illustration 2

g06344110

3. Remove plug (2) and the O-ring seal. Repeat for the opposite side.



Illustration 3

g06341912

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.

4. Remove plug (2A) and the O-ring seal. Repeat for the opposite side.



Illustration 4

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5. Remove spring (3).



Illustration 5

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6. Remove spool (4).
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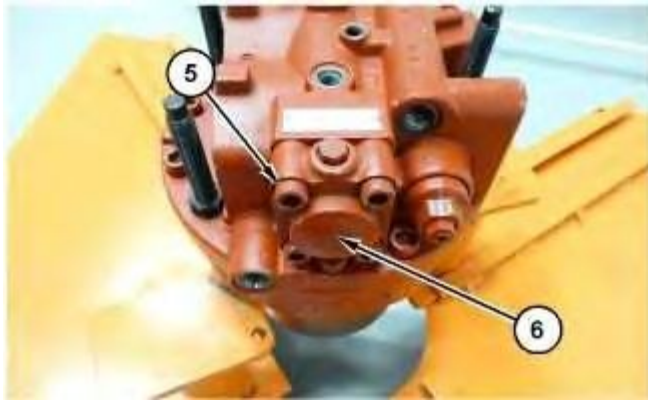


Illustration 6

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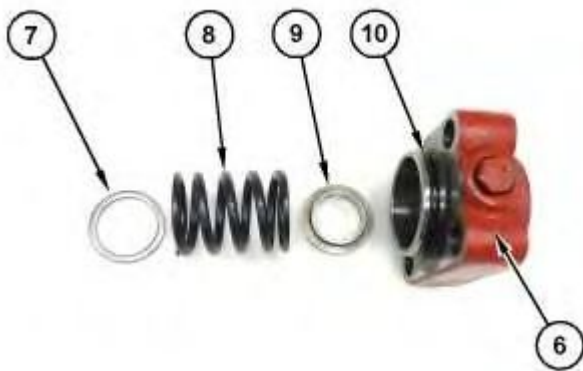


Illustration 7

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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.

-
7. Remove bolts (5) and cap (6). Repeat for the opposite side.
 8. Remove O-ring seal (10) from cap (6). Remove guide (9), spring (8), and washer (7) from the head assembly. Repeat for the opposite side.
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