



Service Repair Manual

Models

325C and 325C L Excavator

Product: EXCAVATOR

Model: 325C L EXCAVATOR LTD

Configuration: 325C & 325C L Excavators LTD00001-UP (MACHINE) POWERED BY 3126B Engine

Disassembly and Assembly 325C Excavator Machine Systems

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i02344154

Piston Motor (Hydraulic Fan) - Disassemble

SMCS - 1386-015-QP; 5058-015-FM; 5058-015-HFN

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	9S-9152	Bearing Puller Gp	1
B	1B-2886	Bolt (1/2 in X 13 X 3 3/4 in)	1
	1F-7958	Nut (1/2 in X 13 in)	1
	8T-4223	Hard Washer	1
	8T-4122	Hard Washer	1
	1P-1854	Retaining Ring Pliers	1
C	1P-1857	Retaining Ring Pliers	1

Start By:

- Remove the piston motor. Refer to Disassembly and Assembly, "Piston Motor (Hydraulic Fan) - Remove".

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.

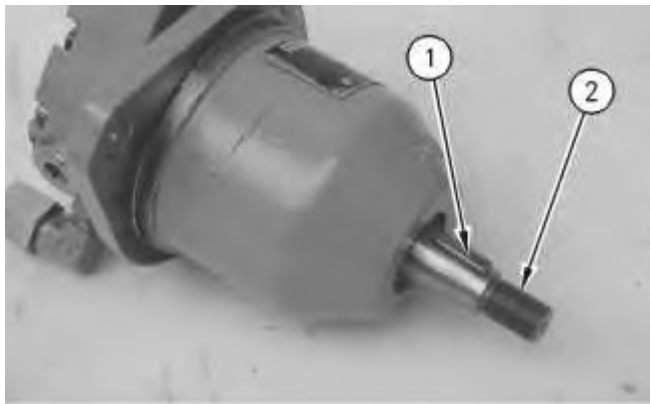


Illustration 1

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1. Remove key (1) from shaft (2) .

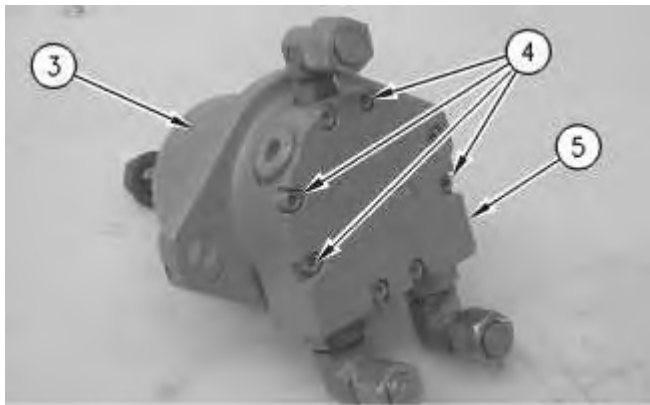


Illustration 2

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2. Remove bolts (4) that secure that secure cover (5) to housing (3) .

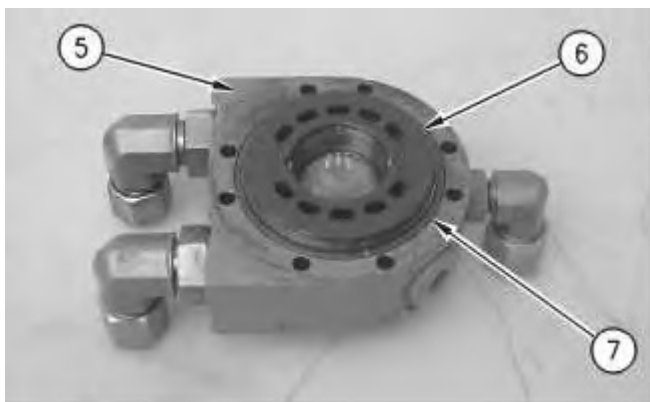


Illustration 3

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3. Remove port plate (6) and O-ring seal (7) from cover (5) .



Illustration 4

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4. Remove bearing cup (8) from cover (5) .

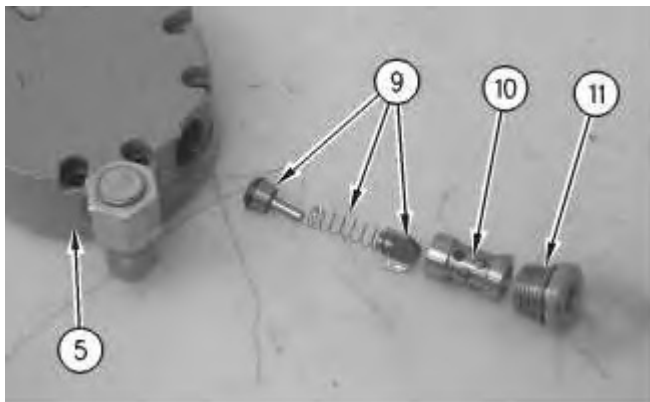


Illustration 5

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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.

5. Remove plug (11) , sleeve (10) , and valve assembly (9) from cover (5) .
-

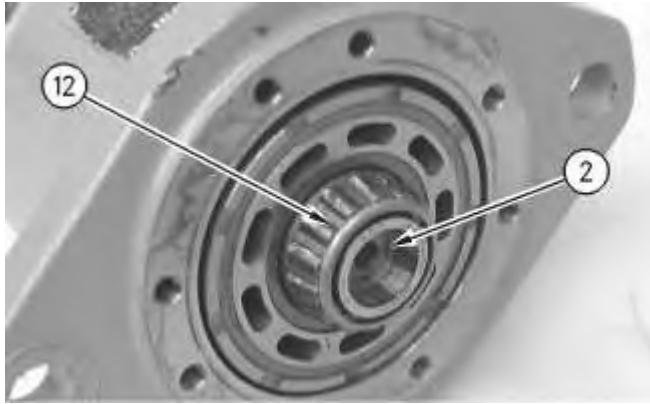


Illustration 6

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6. Remove bearing cone (12) from shaft (2) .

Note: Bearing cone (12) is a slip fit.

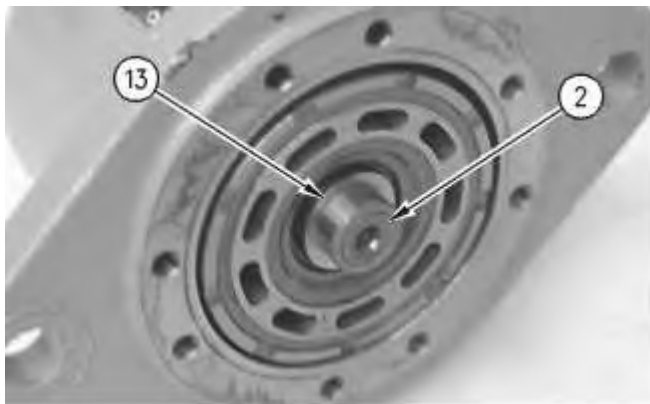


Illustration 7

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7. Remove shim (13) from shaft (2) .



Illustration 8

g00882174

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