# **CATERPILLAR®**

# Service Repair Manual

## **Models**

345C L Mobile Hydraulic Excavator

Model: 345C L MOBILE HYD POWER UNIT B6N

Configuration: 345C L Mobile Hydraulic Power Units B6N00001-UP (MACHINE) POWERED BY C13 Engine

#### Disassembly and Assembly 345C MHPU Mobile Hydraulic Power Unit Machine Systems

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i03874214

### Piston Motor (Hydraulic Fan) - Disassemble

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

### **Disassembly Procedure**

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-1861	Retaining Ring Pliers	1
В	9S-9152	Bearing Puller Gp	1

#### **Start By:**

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

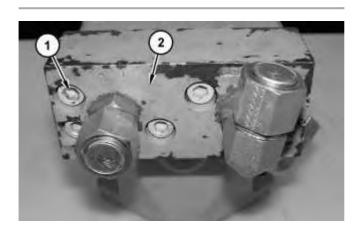


Illustration 1 g01175660

1. Remove bolts (1) and cover (2).

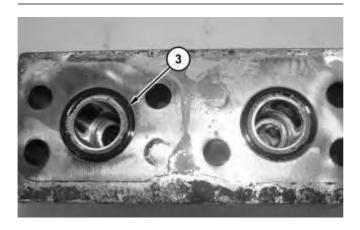


Illustration 2 g01175661

2. Remove O-ring seal (3).

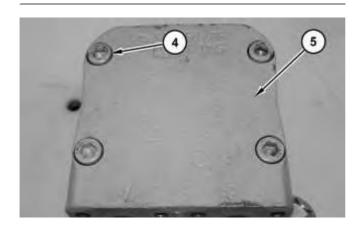


Illustration 3 g01175662



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.

3. Remove bolts (4) and head assembly (5).

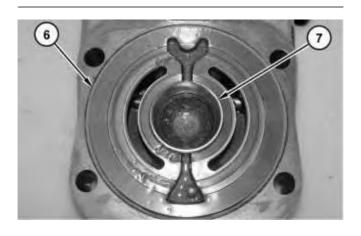


Illustration 4 g01175663

4. Remove O-ring seal (6) and bearing cup (7).

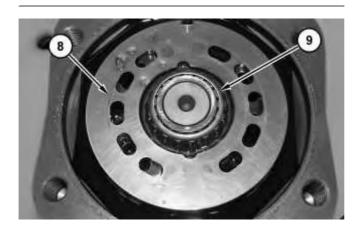


Illustration 5 g01175664

5. Remove port plate (8) and bearing cone (9).

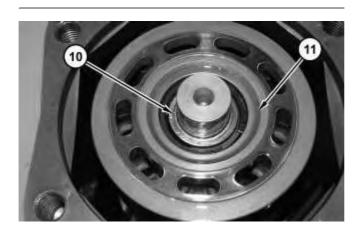


Illustration 6 g01175665

6. Remove shim (10) and rotating assembly (11).

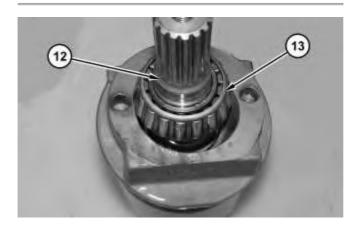


Illustration 7 g01175666

7. Remove shaft (12) and bearing cone (13).

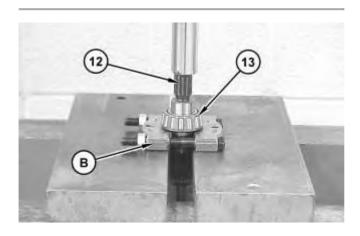


Illustration 8 g01176865

8. Use a suitable press and Tooling (B) in order to remove bearing cone (13) from shaft (12) .

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