



# Service Repair Manual

## **Models**

M320F Wheeled Excavator

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Product: WHEELED EXCAVATOR

Model: M320F WHEELED EXCAVATOR FB2

Configuration: M320F Wheeled Excavator FB200001-UP (MACHINE) POWERED BY C7.1 Engine

## **Disassembly and Assembly**

### **M314F, M316F, M318F, M320F and M322F Wheeled Excavator and Material Handler Machine Systems**

Media Number -UENR6142-09

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i06216293

## **Piston Pump (Swing) - Assemble**

SMCS - 5070-016-ZW

S/N - F2W1-UP

S/N - F2Z1-UP

S/N - F4A1-UP

S/N - F4D1-UP

S/N - F6N1-UP

S/N - F6P1-UP

S/N - F8B1-UP

S/N - FB21-UP

S/N - FB31-UP

S/N - FB41-UP

S/N - FB51-UP

S/N - FB61-UP

S/N - FB71-UP

S/N - FB81-UP

S/N - FB91-UP

S/N - FBW1-UP

## Assembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
A	1P-0510	Driver Gp	1
B	1P-1861	Retaining Ring Pliers	1
C	5P-4758	Internal Pliers	1
E	1P-1859	Retaining Ring Pliers	1
F	1P-1857	Retaining Ring Pliers	1
G	1S-4208	Spanner Wrench	1
H	135-8292	Alignment Plug	1
J	135-8296	Test Ring	1
K	128-2744	Measuring Bell	1
L	135-8294	Measuring Hub	1
M	4C-6142	Spacer	1



Illustration 1

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1. Install retainer (78).



Illustration 2

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2. Install springs (77) and (76).



Illustration 3

g00582628

3. Install retainer (75).

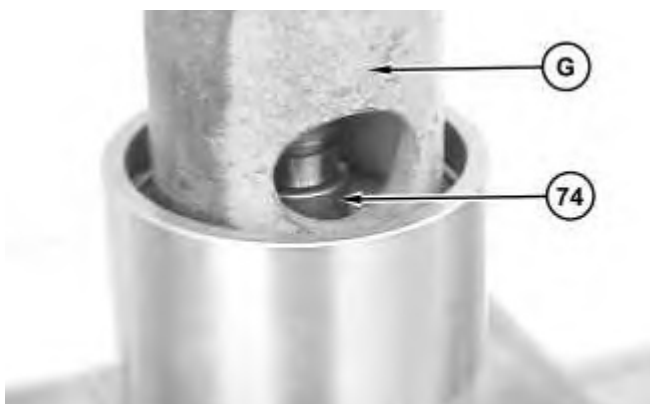


Illustration 4

g03603999

 **WARNING**

**Improper assembly of parts that are spring loaded can cause bodily injury.**

**To prevent possible injury, follow the established assembly procedure and wear protective equipment.**

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4. Use a suitable press and Tooling (G) to relieve the pressure on the spring. Install spacer (74). Slowly release the pressure on the spring.

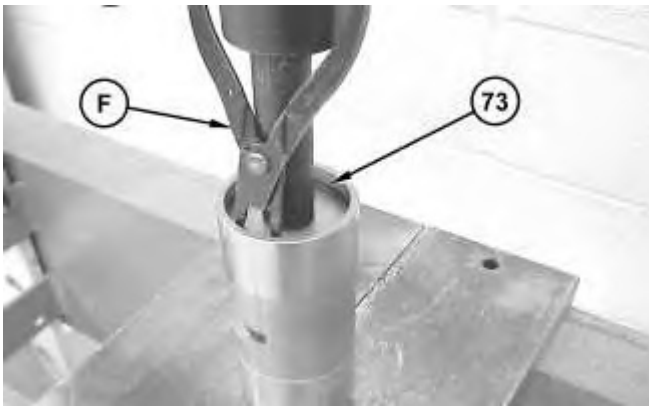


Illustration 5

g03603956

**! WARNING**

**Improper assembly of parts that are spring loaded can cause bodily injury.**

**To prevent possible injury, follow the established assembly procedure and wear protective equipment.**

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5. Use a suitable press to relieve the pressure on the spring. Use Tooling (F) in order to install retaining ring (73). Repeat Steps 1 through 5 for the other side of the valve.



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