



Service Repair Manual

Models

302.5C Mini Hydraulic
Excavator

Product: MINI HYD EXCAVATOR

Model: 302.5C MINI HYD EXCAVATOR GBB

Configuration: 302.5C Mini Hydraulic Excavator GBB00001-UP (MACHINE) POWERED BY S3L2 Engine

Disassembly and Assembly 302.5C Mini Hydraulic Excavator Machine Systems

Media Number -REN9147-00

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i02370597

Final Drive and Travel Motor - Disassemble

SMCS - 4050-015; 4351-015

Disassembly Procedure

Table 1

| Required Tools | | | |
|----------------|-------------|--------------------------|-----|
| Tool | Part Number | Part Description | Qty |
| A | 1P-1857 | Retaining Ring Pliers | 1 |
| B | 8B-7554 | Bearing Cup Puller Gp | 1 |
| C | 1P-1855 | Retaining Ring Pliers | 1 |
| D | 1P-1859 | Retaining Ring Pliers | 1 |
| E | 1P-1863 | Retaining Ring Pliers | 1 |
| F | 154-6181 | Forcing Screw | 2 |
| G | 5P-5197 | Retaining Ring Pliers As | 1 |

Start By:

- A. Remove the track motor. Refer to Disassembly and Assembly, "Final Drive and Travel Motor - Remove".
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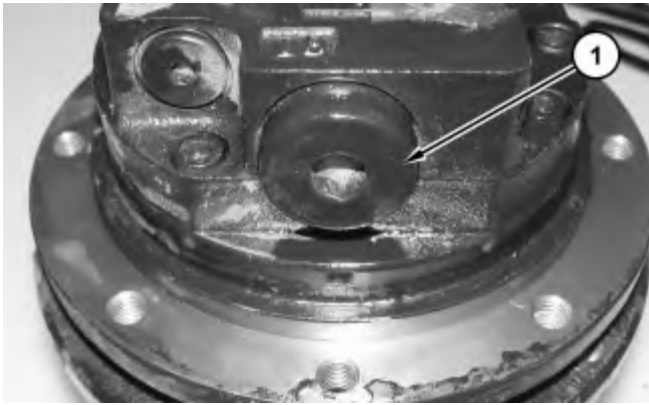


Illustration 1

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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.

1. Remove plug (1) and the O-ring seal.

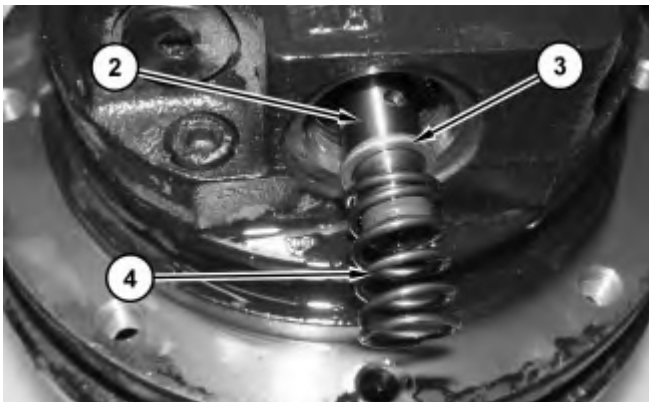


Illustration 2

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2. Remove spring (4) and washer (3) .
3. Remove spool (2) .
4. Repeat Steps 1 through Steps 2 for the opposite side.

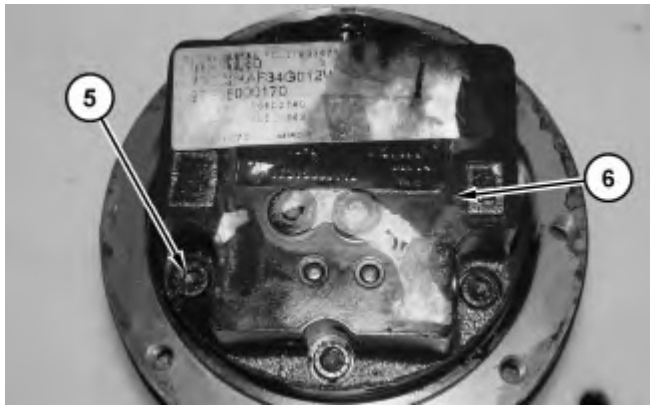


Illustration 3

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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 bolts (5) and head assembly (6) .



Illustration 4

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6. Remove bearing (7) .
-

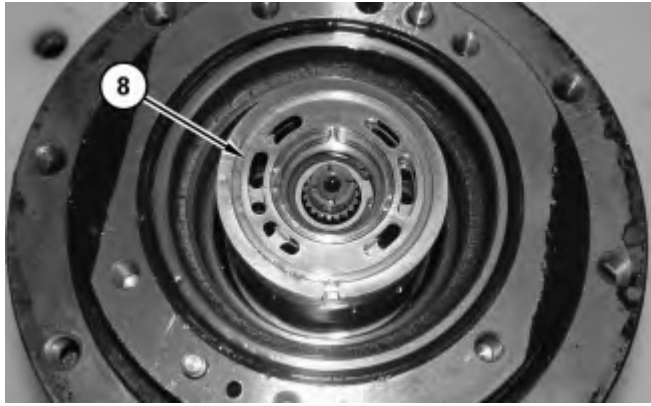


Illustration 5

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7. Remove port plate (8) .

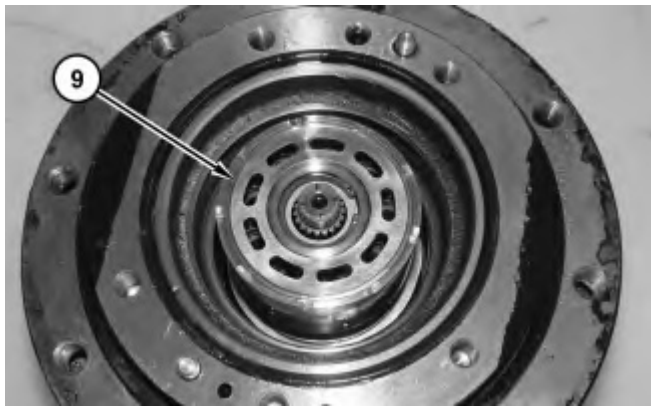


Illustration 6

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8. Remove barrel assembly (9) .



Illustration 7

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