



Service Repair Manual

Models

302.4D Mini Hydraulic
Excavator

Product: MINI HYD EXCAVATOR

Model: 302.4D MINI HYD EXCAVATOR LJM

Configuration: 302.4D Mini Hydraulic Excavator LJM00001-UP (MACHINE)

Disassembly and Assembly

301.7D, 302.2D and 302.4D Mini Hydraulic Excavators Machine Systems

Media Number -UENR3254-01

Publication Date -01/05/2015

Date Updated -12/05/2015

i05221254

Final Drive and Travel Motor - Disassemble

SMCS - 4050-015; 4351-015

Disassembly Procedure

Start By:

- A. Remove the final drive.



Illustration 1

g03337634

1. Remove sprocket (1).
-

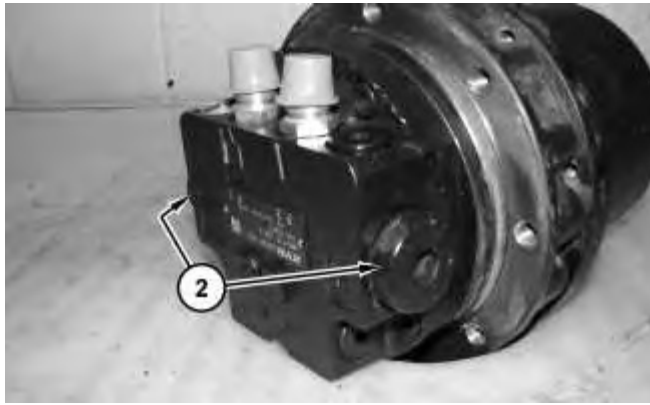


Illustration 2

g03337638

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.

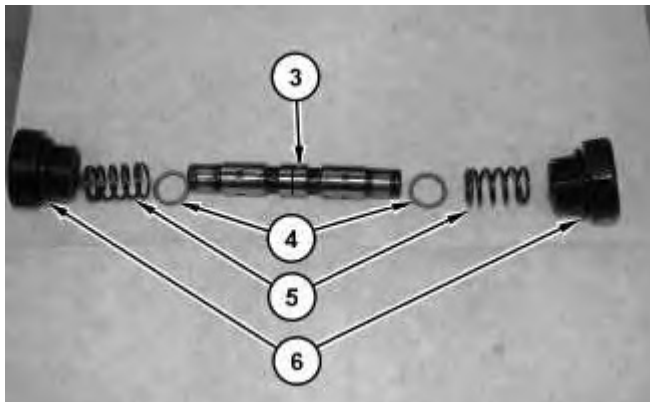


Illustration 3

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2. Remove plugs (2) and O-ring seals (6). Remove springs (5). Remove washers (4) and valve spool (3).

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Media Number -UENR3254-01

Publication Date -01/05/2015

Date Updated -12/05/2015

i05221337

Final Drive and Travel Motor - Assemble

SMCS - 4050-016; 4351-016

Specifications

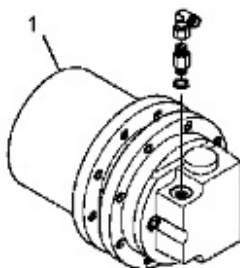


Illustration 1

g03176957

Table 1

| Specification for 399-3043 Travel Motor Gp | | | |
|--|-----|------|--|
| Item | Qty | Part | Specification Description |
| 1 | - | - | Maximum displacement per revolution is 20.7 cc (1.3 cubic inch). |
| | | | Maximum motor speed is 1250 rpm. |

Assembly Procedure

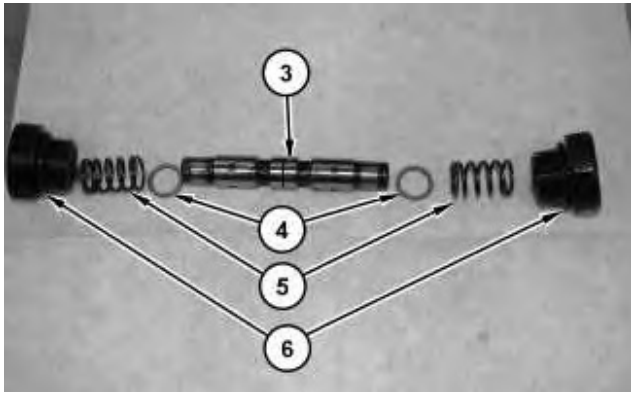


Illustration 2

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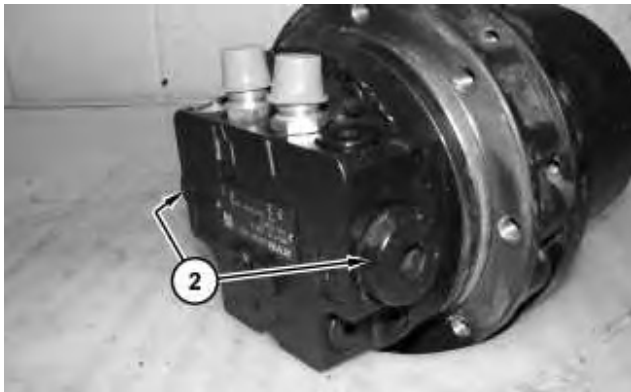


Illustration 3

g03337715

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. Install valve spool (3) and washers (4). Install springs (5). Install O-ring seals (6) onto plugs (2) .
2. Install plugs (2) into the final drive motor.

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