



Service Repair Manual

Models

M318C WHEELED Excavator

Product: WHEELED EXCAVATOR

Model: M318C WHEELED EXCAVATOR H2D

Configuration: M318C Excavator H2D00001-UP (MACHINE) POWERED BY 3056E Engine

Disassembly and Assembly M318C and M322C Excavators Machine Systems

Media Number -REN9207-02

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i01904844

Travel Motor - Disassemble

SMCS - 4351-015; 79PC-015

Disassembly Procedure

Table 1

| Required Tools | | | |
|----------------|-------------|------------------------|-----|
| Tool | Part Number | Part Description | Qty |
| A | 138-7575 | Link Bracket | 2 |
| B | 1P-1861 | Retaining Ring Pliers | 1 |
| C | 1U-7600 | Slide Hammer Puller Gp | 1 |
| D | 8H-0663 | Bearing Puller Gp | 1 |
| E | 1P-1857 | Retaining Ring Pliers | 1 |

Start By:

- a. Remove the travel motor. Refer to Disassembly and Assembly, "Travel Motor - Remove".

Note: Cleanliness is an important factor. Before you begin the disassembly procedure, the exterior of the components should be thoroughly cleaned. This will help to prevent dirt from entering the internal mechanism. Precision components can be damaged by contaminants or by dirt. Perform disassembly procedures on a clean work surface. Keep components covered and protected at all times.

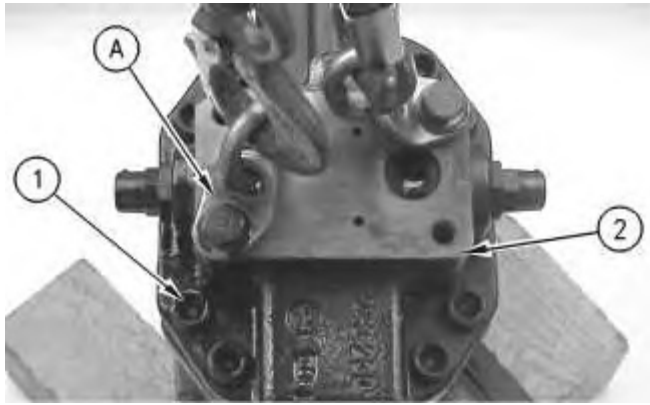


Illustration 1

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1. Attach Tooling (A) and a suitable lifting device to head assembly (2).
2. Remove bolts (1).
3. Remove housing assembly (2).



Illustration 2

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4. Remove bolts (3).
5. Remove valve (4).

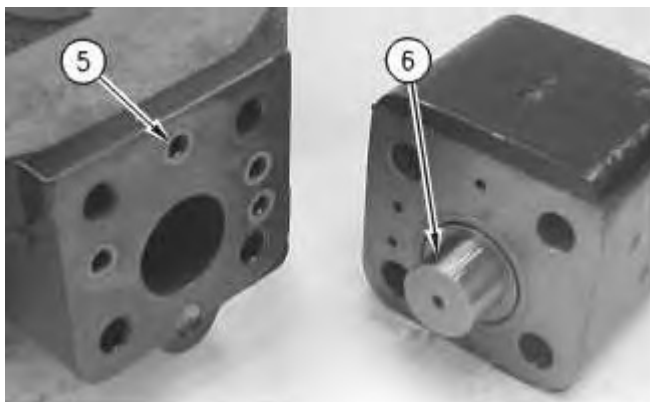


Illustration 3

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6. Remove O-ring seals (5).

7. Remove valve (6).



Personal injury can result from parts and/or covers under spring pressure.

Spring force will be released when covers are removed.

Be prepared to hold spring loaded covers as the bolts are loosened.



Illustration 4

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8. Remove valve (7), plug (8), and the O-ring seal.

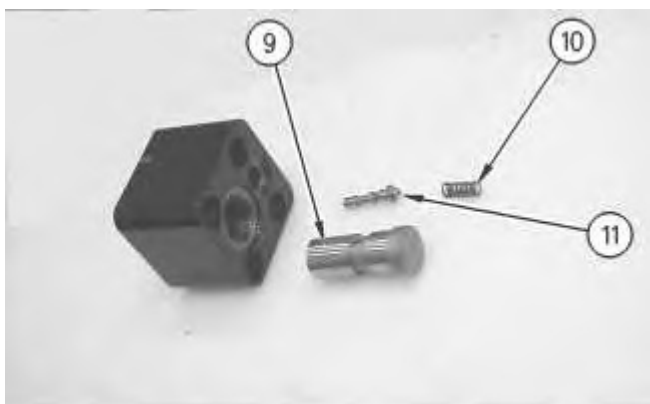


Illustration 5

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9. Remove valve (9).

10. Remove spring (10) and spool (11).

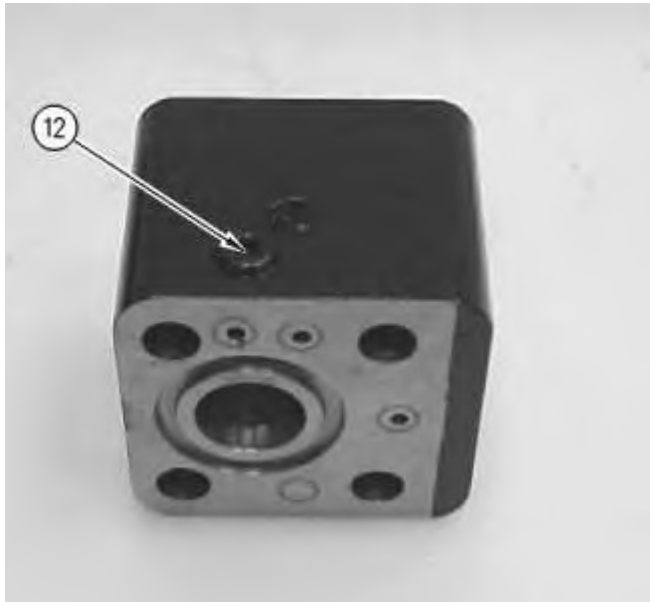


Illustration 6

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11. Remove plug (12) and the O-ring seal.



Illustration 7

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12. Remove plug (13).

 **WARNING**

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