

Product: EXCAVATOR
Model: 313B EXCAVATOR BAS
Configuration: 313B CR EXCAVATOR BAS00001-UP (MACHINE)

Disassembly and Assembly 313B Excavator Machine Systems

Media Number -REN4003-02

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i01220993

Final Drive and Travel Motor - Disassemble

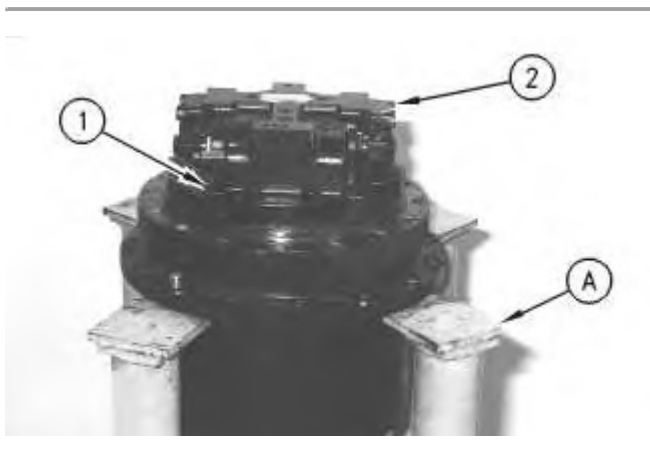
SMCS - 4050-015; 4351-015

Disassembly Procedure

Table 1

Required Tools			
Tool	Part Number	Part Description	Qty
(A)	1P-2420	Transmission Repair Stand	2
(B)	8B-7548	Push-Puller Tool Group	1
	3H-0465	Push-Puller Plate	2
(C)	138-7573	Link Bracket	3

Disassembly Procedure of the Travel Brake Valve



1. Fasten the final drive and the travel Motor to Tooling (A), as shown.
2. Remove bolts (1) in order to remove travel brake valve (2) .

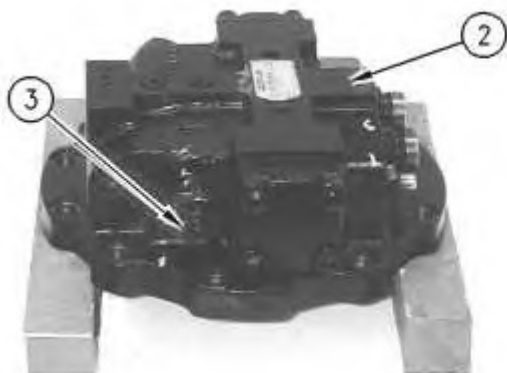


Illustration 2

3. Place travel brake valve (2) on wood blocks, as shown.
4. Remove relief valve (3) .



Illustration 3

5. Remove backup rings (5). Remove O-ring seal (7) .
 6. Remove backup ring (4). Remove O-ring seal (6) .
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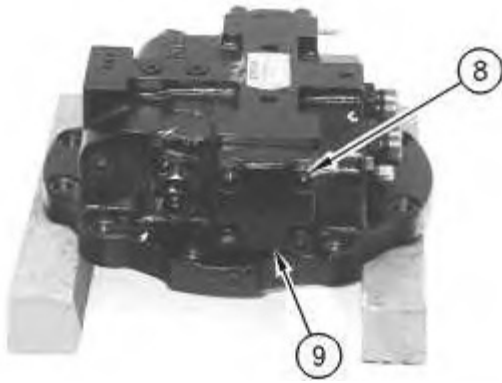


Illustration 4

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 **WARNING**

Sudden release of spring force can cause injury.

To prevent the possibility of injury, follow the procedure to relieve the spring pressure.

7. Remove two mounting bolts (8) that are diagonal to each other.
8. Alternate between the two remaining bolts. Slowly remove the bolts until the spring pressure is released.
9. Remove cap (9) from the travel brake valve.

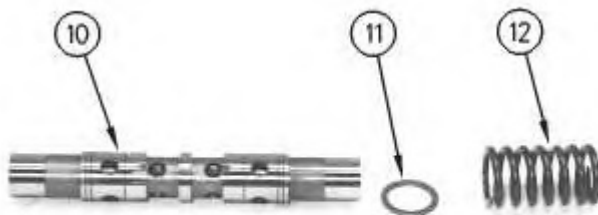


Illustration 5

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Note: Spool assembly (10) should not be disassembled. Spool assembly (10) is not serviced.

10. Remove spring (12), washer (11), and spool (10) from the travel brake valve.

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