



# Service Repair Manual

## **Models**

345B and 345B L Series II  
Excavator

---

## NOTICE

**Keep all parts clean from contaminants.**

**Contamination of the hydraulic system with foreign material will reduce the service life of the hydraulic system components.**

**To prevent contaminants from entering the hydraulic system, always plug or cap the lines, fittings, or hoses as they are disconnected. Cover any disassembled components and clean them properly before assembly.**

**Clean the hydraulic system properly after any major component exchange or especially after a component failure, to remove any contamination.**

---

**Note:** If a failure occurs, an accurate diagnosis of the cause can prevent a recurrence. Information is available to analyze failures for piston pumps and motors. Refer to Special Publication, SEBD0641, "Analyzing Axial Piston Pump and Motor Failures".

**Note:** Inspect all parts. If any parts are worn or damaged use new parts for replacement. The installation of used parts during reconditioning is acceptable. Reuse and salvage information is available on piston pumps. Refer to Guideline for Reusable Parts and Salvage Operations, SEBF8032, "Piston Pumps and Motors". During reconditioning, correct any conditions that might have caused the original failure.

1. Thoroughly clean the outside of the travel motor prior to disassembly. Fasten the travel motor to a suitable holding fixture in a vertical position. The weight of the travel motor is 141 kg (310 lb).



Illustration 1

g00627438

2. Remove displacement change valve (1) from the head of the travel motor.
-

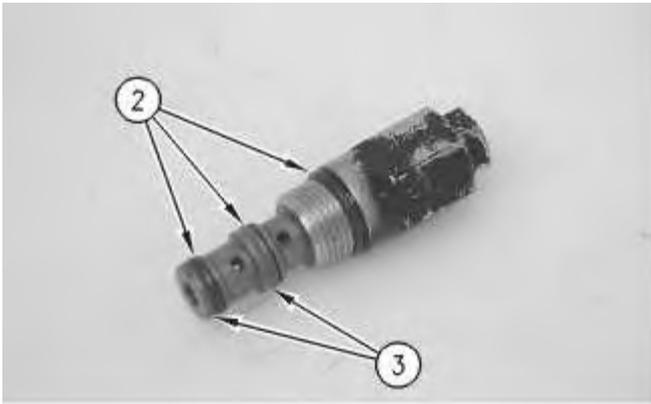


Illustration 2

g00624938

3. Remove three O-ring seals (2) and two rings (3) from the displacement change valve.



Illustration 3

g00628657

4. Remove three plugs (5) from the head. Remove an O-ring seal from each plug.
5. Remove six outer bolts (4) from the head of the travel motor.

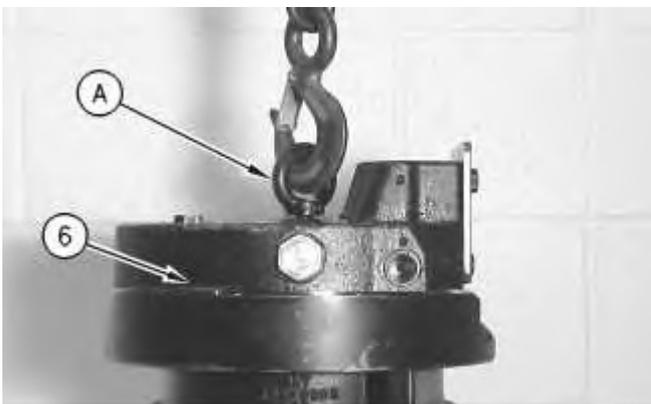


Illustration 4

g00624949

- Use Tooling (A) and a suitable lifting device to remove the head of the travel motor from the travel motor housing. The head weighs 43 kg (95 lb).

**Note:** There are three pins (7) that may fall out of the inside of the head when the head is removed.

**Note:** Be careful during the removal of head (6) from the travel motor housing. Be careful not to scratch mating surfaces or damage the mating surfaces of the components.

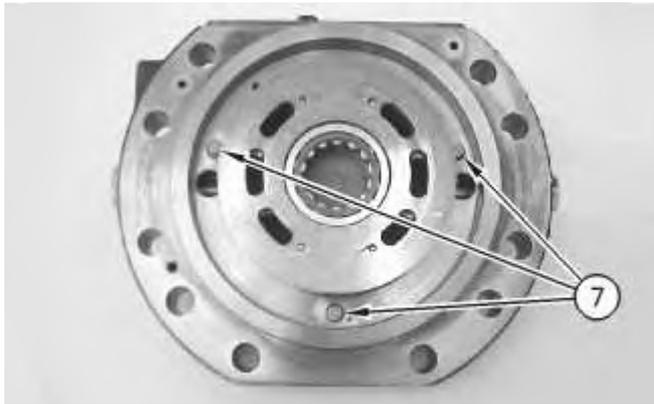


Illustration 5

g00624953

- Turn over the head. If three pins (7) are in the bottom side of the head, remove the pins.

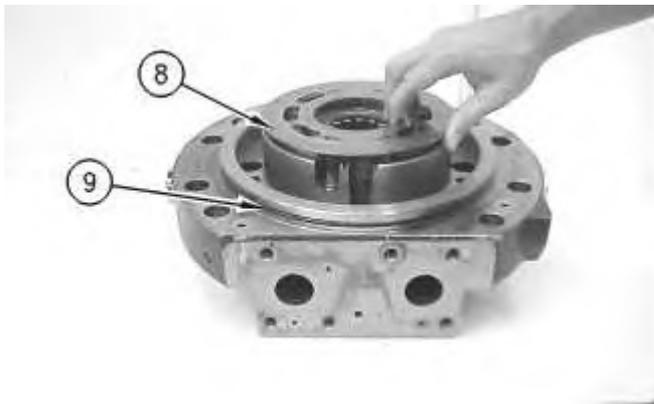


Illustration 6

g00627405

- Remove port plate (8) and O-ring seal (9) from the head.
-

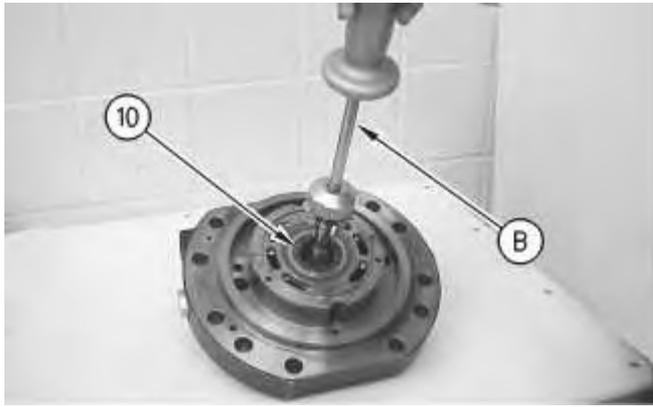


Illustration 7

g00625967

9. Use Tooling (B) in order to remove bearing (10) from the head of the travel motor.

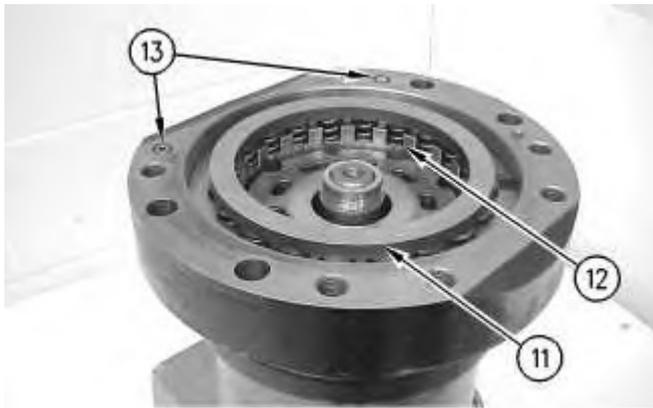


Illustration 8

g00627391

10. Remove plate (11) and remove springs (12) from the travel motor housing.
11. Remove O-ring seals (13) from the upper surface of the travel motor housing.

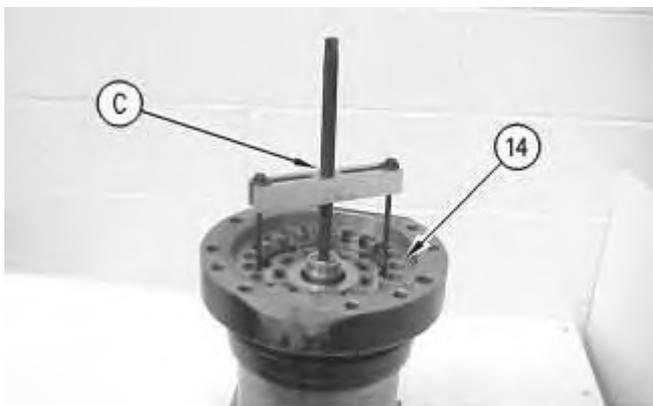


Illustration 9

g00627377

Thank you so much for reading.  
Please click the “Buy Now!”  
button below to download the  
complete manual.



After you pay.

You can download the most  
perfect and complete manual in  
the world immediately.

Our support email:

[ebooklibonline@outlook.com](mailto:ebooklibonline@outlook.com)