REMOVE MAIN HYDRAULIC PUMP

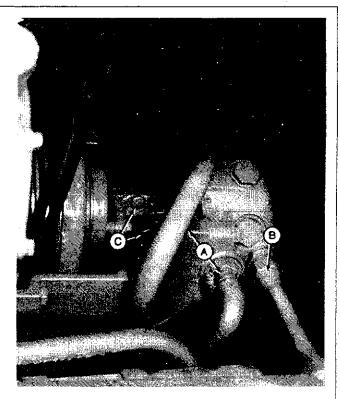
- 1. Relieve hydraulic pressure by turning steering wheel.
- 2. Disconnect battery ground cable.
- 3. Raise hood.
- 4. Remove right and left side shields, clean pump and pump area.



CAUTION: High pressure can exist at any hydraulic connection. Avoid injury from high pressure leaks by relieving system pressure before disconnecting any hydraulic lines, fittings or connections.

- 5. Drain radiator and oil cooler, remove radiator.
- 6. Disconnect 8650 filter to pump hoses (A), pump to attenuator line (B), and pump to filter bleed line.
- 7. Loosen hydraulic pump drive cap screws (C).

(See Remove Radiator, Remove/Install Cooling System, Section 25)



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- 8. Remove hydraulic pump to steering valve line (B) and loosen pump drive cap screws (C).
- 9. Remove four pump to pump support cap screws (A) and remove hydraulic pump.

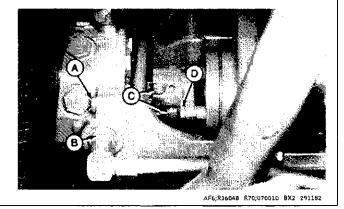
NOTE: Removing pump drive waffle plate cap screws (D) and turning the pump crank shaft provides better access to pump drive cap screws.

A-Pump Support Cap Screws

C-Pump Drive Cap Screws D-Drive-To-Waffle Plate

B-Steering Valve Line

Cap Screws

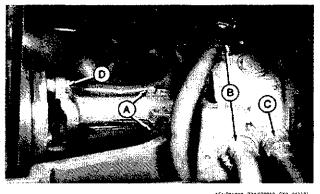


- 10. Disconnect 8450 filter to pump hydraulic lines (B), pump to attenuator line (C), and pump to filter bleed line.
- 11. Loosen hydraulic pump drive cap screws (A).

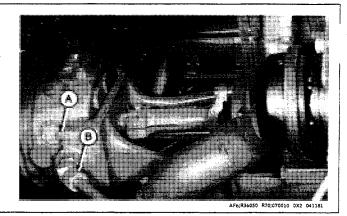
NOTE: Removing pump drive to waffle plate cap screws (D) and turning the pump drive shaft provides better access to pump drive cap screws.

- A-Pump Drive Cap Screws
- B--Filter-To-Pump Lines
- C-Attenuator Line

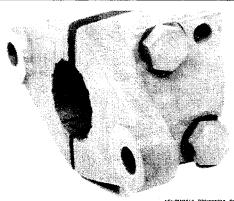
D-Drive-To-Waffle Plate Cap Screws



- 12. Disconnect pump to steering valve line (B).
- 13. Remove four pump to pump support cap screws (A) and remove hydraulic pump.

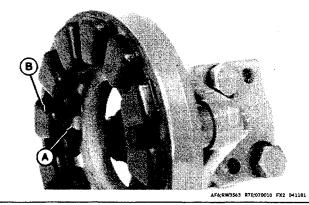


14. Remove pump drive and inspect for damage.



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15. Inspect drive cushion (B) and front coupler half (A) for damage or wear.



INSTALL MAIN HYDRAULIC PUMP

- 1. Install hydraulic pump by reversing removal steps.
- 2. Torque pump-to-pump support cap screws to 115 N·m (85 lb-ft).
- 3. Tighten pump drive shaft and drive coupler cap screws to 47 N·m (35 lb-ft).

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