

Illust. 3
Hydraulic Pump Location (Power Shift Machines).

- 1. Equipment pump inlet line.
- 2. Equipment pump.

- 3. Torque converter assembly.
- 4. Transmission pump.

The following hydraulic schematics illustrate the different combinations of equipment available and provide a method of tracing the hydraulic oil flow to the various components. The schematics are not an indication of the type of equipment that is or would be on any one machine. The backhoe and ripper circuits have been shown in dotted lines for clarity and as an aid for faster identification. The following

schematics show the oil flow up to the backhoe only. For schematics and testing of the backhoe refer to Blue Ribbon Service Manual GSS-1371 on the model 3141 or GSS-1448 on the model 3142A. For servicing the backhoe refer to the Blue Ribbon Service Manual, GSS-1372.

(Continued on next page)

## GENERAL DESCRIPTION - Continued To ripper hoses Angle cylinders Diverter valve Tilt 'cylinder Quick disconnects to Control valve backhoe hoses assembly Hose connections to provide loop circuit (applies only when backhoe is not attached) Diverter valve Hydraulic pump Lift (dual element) cylinders Differential check valve Hydraulic pump (single element) High pressure fluid · Heat exchanger Low pressure return fluid Hydraulic reservior Pump inlet fluid CE-94941A

Illust. 4 **Equipment Hydraulic System Schematic for** T and TD-7 SERIES C and TD-8 SERIES C Crawler Tractors (Not for Agricultural Machines). (With Model 3141 Backhoe)

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