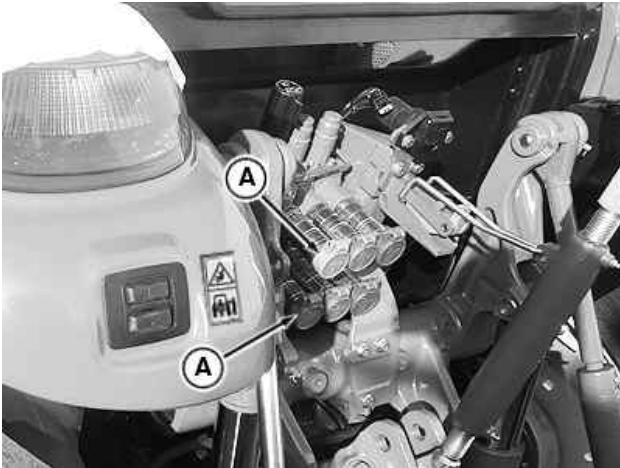


Hydraulics Operation

Warm Transmission/Hydraulic Oil



APY48012—UN—14APR21



APY33190—UN—08JUN20

A—SCV I Couplers
B—SCV I Lever

Steering, transmission, and hydraulic systems are slow to function when machine is started in cold weather. To warm oil up quicker for improved cold-weather operation, follow procedure as required.

1. Connect jumper hose to SCV I couplers (A).
2. If SCV is equipped with flow control, open flow control knob fully to allow maximum flow.
3. Start engine and set idle to 1200 rpm.
4. Hold SCV I lever (B) forward or rearward until hydraulic oil warms to the operating temperature.
5. To check warm-up progress, turn steering wheel side-to-side. When the wheel turns smoothly, oil has warmed to the operating temperature.
6. Return SCV levers to neutral.
7. Adjust flow control knobs to original setting.
8. Remove jumper hose.

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constant-flow hydraulic system. The machine is equipped with three gear pumps:

- Implement pump
- Steering pump
- Transmission lube pump

The hydraulic and steering/transmission lubrication systems are functionally separate. Both systems and the transmission utilize a common reservoir. The priority of the hydraulic circuit is the hitch, then mid-mount SCVs, and finally the rear SCVs, which are supplied by the implement pump. Steering and brakes are supplied by the steering pump and are given priority over other functions.

Hydraulic trailer brakes (not supplied by steering pump) are priority on the implement pump (if equipped).

For additional information on operating the hydraulic system functions, see the following sections in this Operator's manual:

- Hitch and Drawbar Operation
- Selective Control Valve Operation

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Open Center Hydraulics

The open center hydraulic system is a gear-driven,