

# FLUID AND FILTERS

## RESERVOIR AND FILTERS

### General Information

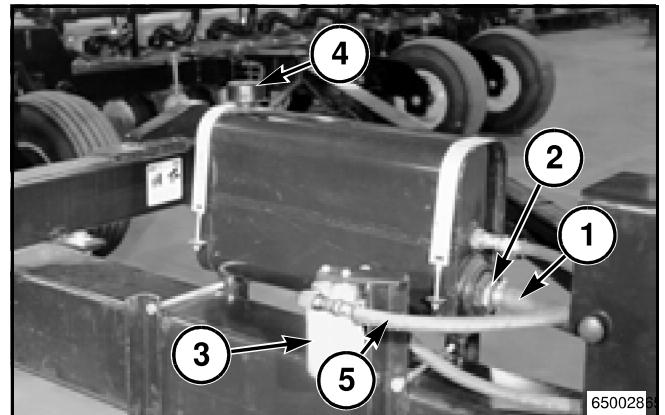
The planter models 9702 and 9722 will have a hydraulic reservoir for the hydraulic seed drive assembly.

Lower planter to ground and check fluid level daily using the combination breather / dipstick in top of the tank. Maintain fluid level between "F" and "L" marks on the dipstick. Add universal hydraulic transmission fluid as required.

At the beginning of each season, replace the fluid with new universal hydraulic transmission fluid.

**FIG. 1:** Hydraulic Tank Components

1. Supply Hose
2. Hex Fitting
3. Filter
4. Filler Cap
5. Filter-to-Tank Hose



**FIG. 1**

### Screen Filter

#### Removal

**FIG. 2:** Lower planter to ground.

Run PTO pump for a short period to warm fluid to suspend or trap fluid contaminants.

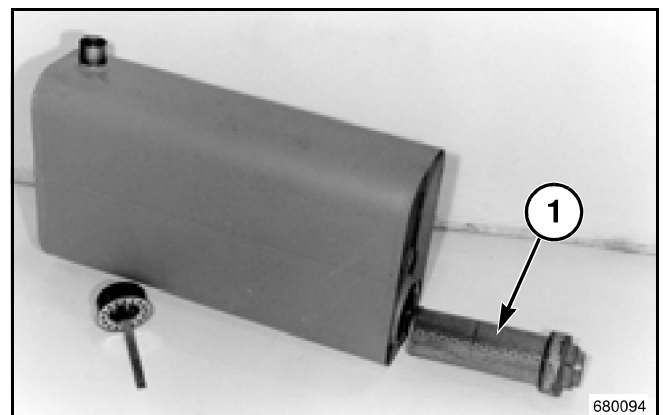
Stop tractor engine and turn off PTO.

Drain fluid by removing filter (1) and tank drain plug.

Remove pump supply hose at tank.

Remove internal filter screen by removing large hex fitting from tank.

Clean or replace screen as needed.



**FIG. 2**

# Fluid and Filters

---

## Installation

Make sure screen is clean and free of debris.

Reinstall fitting and reconnect hose.

*IMPORTANT: Do not use sealing tape to seal hex fitting pipe threads. Do not overtighten fitting.*

When completely drained, install new filter and drain plug.

Add about five gallons of fluid to tank through fill port. Fill to opening and install breather dipstick.

Operate pump for 10 - 20 seconds, then stop tractor engine and check fluid level. Add as needed.

## Spin-On FILTER

After the first 50 hours use and at the beginning of each season thereafter, replace the spin-on type filter.

*NOTE: Lift filter-to-tank hose above tank fluid level to minimize fluid loss when filter is removed.*

Always clean around the housing before removing the filter. Apply a light coat of oil on the new filter seal before installation.

Check fluid level and add as needed.

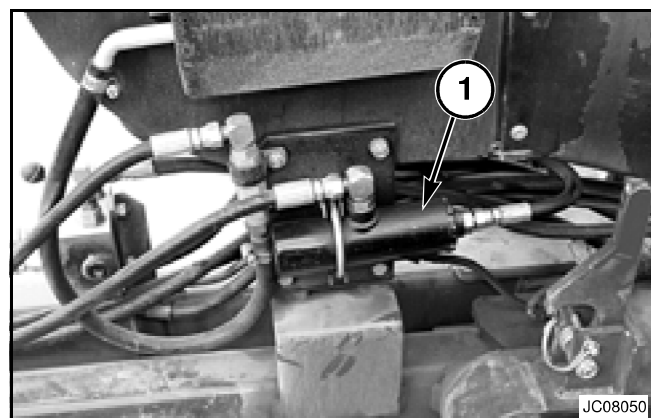
## IN-LINE FLUID FILTER

### General Information

**FIG. 3:** After the first 50 hours use and at the beginning of each season thereafter, replace the filter element (1) and O-ring with W247851 BS Filter Element Package. Always clean around the filter housing before removing the element.

*NOTE: Package can contain several O-rings for other applications. Use the new O-ring that matches the old one and discard the others.*

*NOTE: The filter element can be changed without draining the entire system. Add fluid as needed after replacing the element.*



**FIG. 3**