



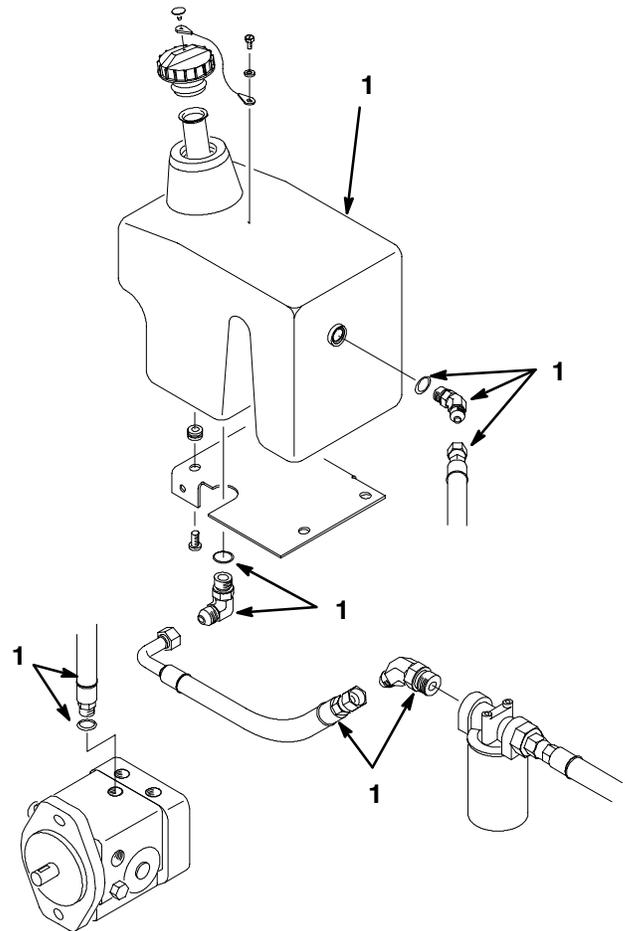
Hydraulic Tank Kit for Sand Pro®

Part No. 99-6925

**Installation
Instructions**

Draining Hydraulic Tank

1. Ensure any pressure is relieved in the hydraulic lines.
2. Park the machine on a level surface, turn the engine off, and remove the key to prevent accidental starting of the engine.
3. Pivot the seat upward.
4. Disconnect the tube from the bottom fitting on the hydraulic tank and let the oil flow into a drain pan. Dispose of the oil properly.
5. Replace the hydraulic oil filter.
 - A. Clean the area around the hydraulic oil filter.
 - B. Remove the filter from the bottom of the filter housing and allow the oil to flow into a drain pan. Use bottom type filter wrench. Dispose of oil and oil filter properly.
 - C. Apply a film of oil on the filter gasket. Install the new filter by hand until the gasket contacts the mounting head. Tighten the filter an additional 3/4 turn.


Figure 1

Sand Pro 2000 and 3000

Removing Hydraulic Tank

1. Disconnect and discard all fittings securing hydraulic lines to the hydraulic tank (Fig. 1 & 2).
2. Remove and retain the hydraulic tank cap and screen filter from filler neck of hydraulic tank.
3. Remove fasteners securing hydraulic tank to frame and remove tank. Discard tank but retain mounting fasteners (Fig. 1 & Fig. 2).
4. Disconnect and discard hydraulic lines that connect tank to hydraulic filter and tank to hydraulic pump. Remove and discard fitting in hydraulic filter (Fig. 1 & 2).

1. Remove and discard

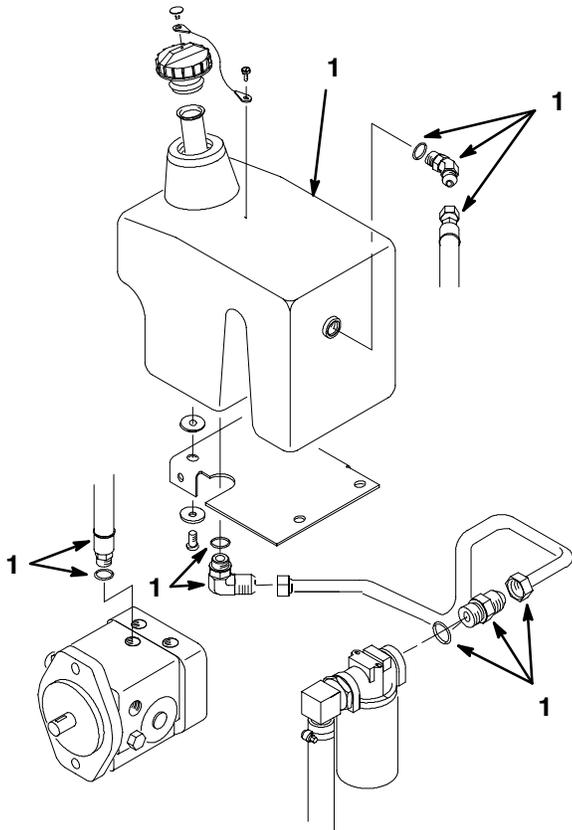


Figure 2

Sand Pro 2020 and 3020

1. Remove and discard

Installing Hydraulic Tank

IMPORTANT: Before installing any hydraulic fittings, make sure o-rings are lubricated with hydraulic oil and positioned correctly.

Sand Pro 2000 and 3000

1. Thread a new 3/4" 45° fitting and 7/8" 45° fitting in new hydraulic tank and position as shown in Figure 3.

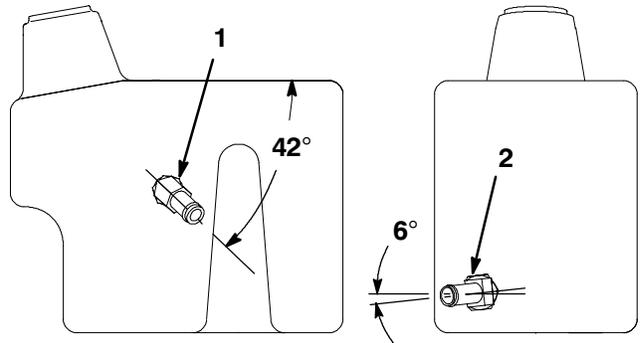


Figure 3

1. 3/4" 45° fitting
2. 7/8" 45° fitting

2. Mount new tank to frame using fasteners previously removed.
3. Thread a 3/4" 45° fitting into hydraulic pump and position as shown in figure 4.

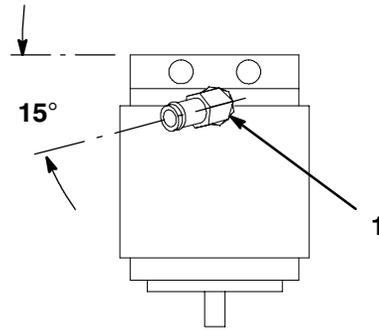


Figure 4

1. 3/4" 45° fitting

4. Thread the 3/4" NPT 90° fitting into the hydraulic filter head and position as shown in figure 5.

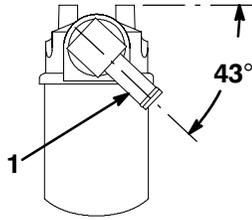


Figure 5

1. 3/4" NPT 90° fitting

5. Connect the 1/2" diameter hose from the hydraulic pump to the front of the hydraulic tank (Fig. 6).
6. Connect the 3/4" diameter hose from the hydraulic filter to the side of the hydraulic tank (Fig. 6).

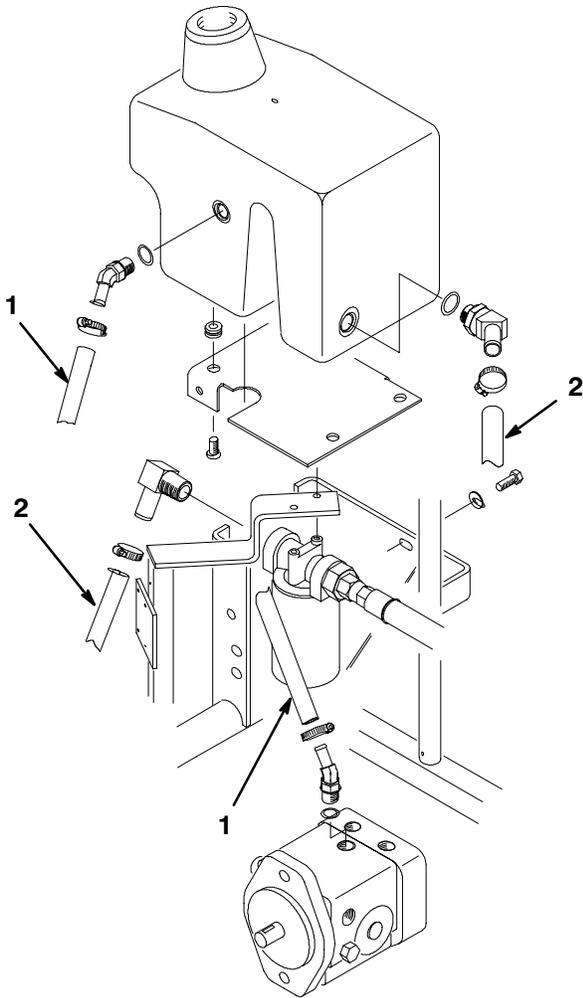


Figure 6

Sand Pro 2000 and 3000

1. 1/2" diameter hose
2. 3/4" diameter hose

Sand Pro 2020 and 3020

1. Thread new 3/4" 90° fitting and 7/8" 90° fitting in new hydraulic tank and position as shown in Figure 7.

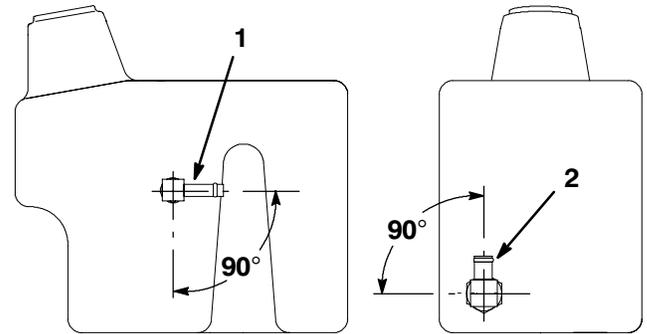


Figure 7

1. 3/4" 90° fitting
2. 7/8" 90° fitting

2. Mount new tank to frame using fasteners previously removed.
3. Thread a 3/4" 45° fitting into hydraulic pump and position as shown in figure 8.

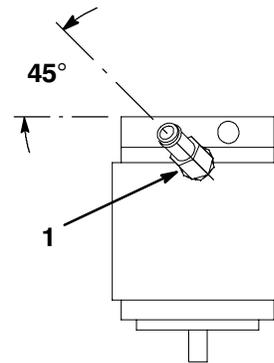


Figure 8

1. 3/4" 45° fitting

4. Thread the 1-1/16" NPT 90° fitting into the hydraulic filter head and position as shown in figure 9.

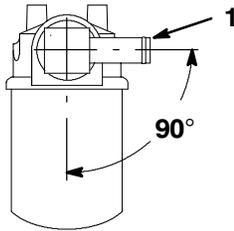


Figure 9

1. 1-1/16" NPT 90° fitting

5. Cut the 1/2" diameter hose to 16 inches. Connect the hose from the hydraulic pump to the front of the hydraulic tank (Fig. 10).
6. Cut the 3/4" diameter hose to 13-3/4 inches. Connect the hose from the hydraulic filter to the side of the hydraulic tank (Fig. 10).

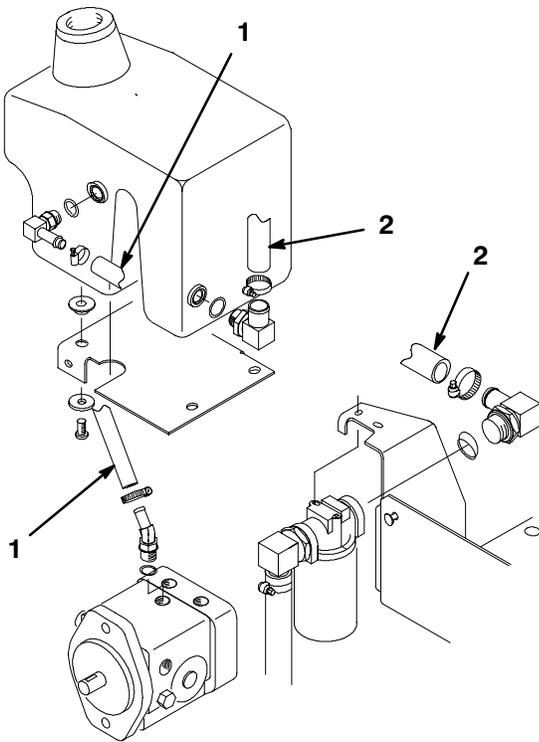


Figure 10

Sand Pro 2020 and 3020

1. 1/2" diameter hose
2. 3/4" diameter hose

Filling Hydraulic Tank

1. Fill the reservoir to the proper level using the appropriate hydraulic oil; refer to Check Hydraulic System in the Traction Unit Operator's Manual.
2. Place all controls in neutral or disengaged position and start the engine. Run the engine at lowest possible RPM to purge the system of air.
3. Run the engine until the lift cylinder extends and retracts and forward and reverse wheel motion is achieved.
4. Stop the engine and check the oil level in the reservoir. Add oil if necessary.
5. Check all connections for leaks, kinked lines, and loose fittings.

DANGER

POTENTIAL HAZARD

- Hydraulic fluid is under pressure.

WHAT CAN HAPPEN

- Hydraulic fluid escaping under pressure can penetrate skin and cause injury.
- Fluid accidentally injected into the skin must be surgically removed within a few hours by a doctor familiar with this form of injury or gangrene may result.

HOW TO AVOID THE HAZARD

- Keep body and hands away from pin hole leaks or nozzles that eject high pressure hydraulic fluid.
- Use cardboard or paper to find hydraulic leaks.

6. Lower the seat.