

Keep with Operators Manual

## STABILIZER LOCK VALVE PLUMBING KIT 6', 7', 8' & 9' BACKHOES

Plumbing kit can be installed using tools ordinarily available.

Shut off engine and engage brakes during installation.

### PLUMBING LOCK VALVE TO BACKHOE (Figures 1 & 2)

1. Locate and drill 3/8" mounting holes on each side of console. (See Figure 1 for location of mounting holes.)

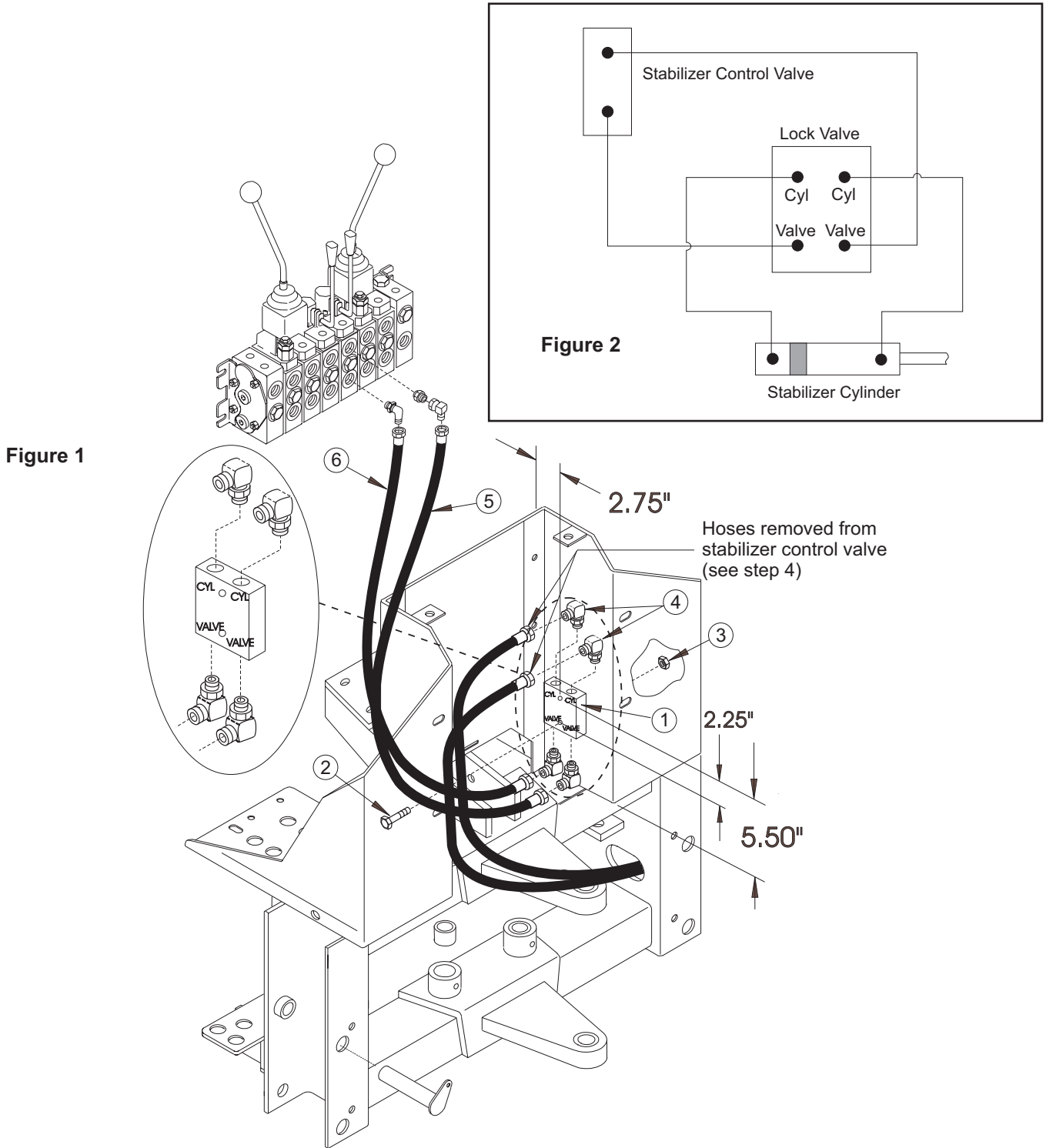
**NOTE:** An angle drill is recommended for drilling mounting holes because of possible interference either with hydraulic hoses or outboard side panels.

2. Install 90° fittings (4) into all four ports of lock valve (1). Fittings must point toward center of backhoe when installed.
3. Mount lock valves (1) to inside of console with "Cyl" ports to top and "Valve" ports to bottom. Use 5/16" x 2.00" cap screws (2) and lock nuts (3) to fasten valves to console.
4. Remove hoses at left stabilizer control valve. Install hoses that were removed from control valve to the ports marked "Cyl" on left lock valve. The hose that came from the top port of the stabilizer control valve will be installed into the right top "Cyl" port of lock valve. The hose that was in the bottom port of the stabilizer control valve will be installed into the top left "Cyl" port of the lock valve (See Figure 2).
5. Install the 15" hoses (6) from lower port of stabilizer control valve to the lower left "valve" port of the lock valve (See Figure 2).
6. Install the 17" hoses (5) from the upper port of the stabilizer control valve to the lower right "valve" port of the lock valve (See Figure 2).
7. Repeat procedure outlined in step 4, 5 and 6 for the right side lock valve.
8. Tighten all fittings. Check the function of stabilizers, when pulling the handle back towards operator the stabilizer should raise. If operation is not correct, check routing of hoses as according to hydraulic diagram.



**WARNING:** Escaping fluid under pressure can penetrate skin causing serious personal injury.

- Do not use your hands to check for leaks. Use a piece of cardboard or paper. Always wear eye protection when searching for leaks.
- Stop engine and relieve pressure before connecting and disconnecting lines.
- Tighten all connections before starting engine or pressurizing lines.
- If any fluid is injected into skin, obtain medical attention immediately or gangrene may result.



**PARTS LIST - LOCK VALVE PLUMBING KIT**

ITEM	SMC NO.	NH NO.	DESCRIPTION	QTY.
1	47295		LOCK VALVE	2
2	G180087		SCREW, Cap, 5/16-18 x 2	4
3	G9413447		NUT, Lock, 5/16-18	4
4	32845-1		FITTING, Elbow, 90°, 9/16-18 x 9/16-18	8
5	32837-2		HOSE, 1/4 x 17	2
6	32837-7		HOSE, 1/4 x 15	2