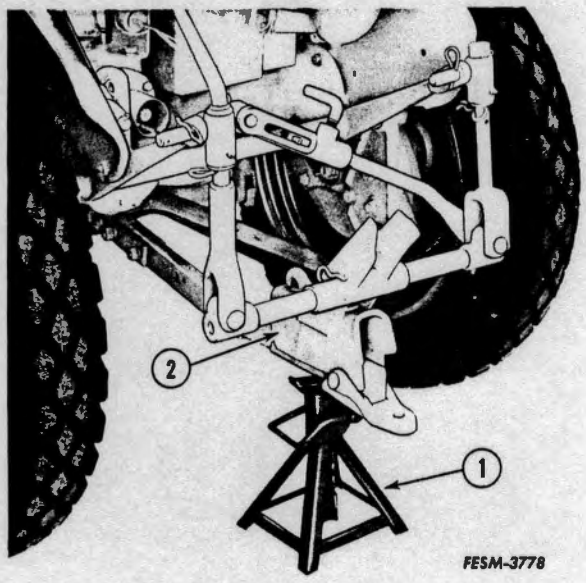
Step 3. Clean thoroughly all external surfaces of the hydraulic block, manifold, and pump, and examine these surfaces for evidence of fluid leakage during and after performance of Step 4.

Step 4. Start the tractor engine and move the Touch-Control hand levers back and forth several times to eliminate air from the system. Note the speed of the rockshaft with the engine running at (a) half throttle and (b) high idle speed in order to determine the efficiency of the system. At high idle speed the rockshaft should complete its stroke in the lifting direction in approximately 1 to 2 seconds. If the time required to make a complete movement in the lifting direction exceeds the normal, see Condition 2A in the Trouble Shooting Chart.

If the rockshaft arms do not move, note the pressure reading on the hydraulic gauge. If the pressure is high, refer to the Trouble Shooting Chart, Condition 1. If there is little or no pressure, refer to Condition 2. Either of these irregular conditions must be corrected before you can proceed with Step 5.



Step 5. With the engine running, place the hand levers at the following locations for 10 seconds.

(a) At each of the extreme end positions on the operating lever quadrant. If the pressure in the system remains high only at the end of the rockshaft stroke, see Condition 3 in the Chart.

(b) At any intermediate position on the operating lever quadrant. If the pressure remains high, see Condition 4.

Step 6. With the tractor engine running, place the hand levers in a central position on the operating lever quadrant. Then, after the rockshaft arm has come to rest, pencil-mark the position of the rockshaft on the fuel tank. Observe, for a period of two minutes, whether there is any movement from the marked position. Then stop the tractor engine and, after an interval of five minutes, check to determine whether there has been any movement. If movement is observed in either case, see the Trouble Shooting Chart, Condition 5.

Step 7. Remove the weights and the pry bar. Place a jack stand (1) or block under the pull bar (2) and attempt to raise the rear of the tractor by applying down pressure on the hitch. If the pressure in the system exceeds 1500 psi, see Condition 9 in the Chart.

Pencil mark the position of the rockshaft arm on the fuel tank. Stop the engine and, after an interval of five minutes, check to determine whether there has been any movement. If movement is observed, see Condition 6.

1. Stand
2. Pull bar