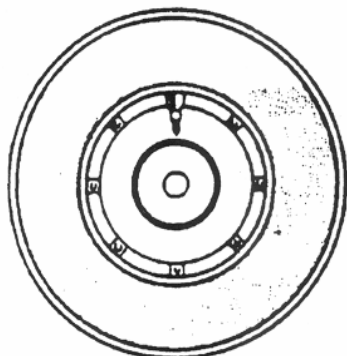


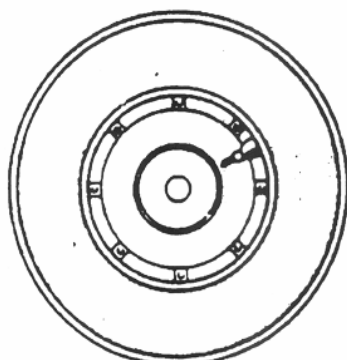
# To Fill Tires

## (1) STEM LEVEL ( APPROX. 75% FILLING)

- a. Turn tire until valve is at its highest position.
- b. See that the supply hose (10 ft. length) is in tank, well below the liquid level.
- c. Connect air supply to pump, start pump. During filling, the tire pressure can be checked at any time by turning control to Neutral position. Pressure is shown on compound gage.
- d. Continue filling until tire is about half full of liquid. This can be determined by tapping tire wall or by checking the amount of liquid pumped against total quantity. Turn control to EMPTY and allow trapped air to blow out through overflow then turn control to FILL direction.
- e. Continue to fill until liquid is slightly beyond stem level. This can be checked as outlined above.
- f. Turn control to EMPTY and allow trapped air in top of tube to blow out excess liquid down to stem level. The tire is now exactly stem level full with liquid..
- g. Turn pump control to NEUTRAL.
- h. Push in on adaptor plunger and turn right to screw core housing (or core) into place.
- i. Turn control to EMPTY. This will suck liquid out of work hose and prevent spilling any on ground.
- j. Remove core housing ejector from stem.
- k. Turn control to NEUTRAL. Turn off pump.
- l. Remove jack so weight of tractor is on tire.
- m. Adjust to recommended air pressure. Caution, Do not use standard tire pressure gage which would be damaged by liquids. Use a Schrader No. 9350 air-water type gage or equal, designed for liquid filled tires.
- n. Replace and tighten tire rim nut and valve cap.
- o. Flush out hose, and pump by immersing the ends of the two hoses in a pail of fresh water. Operate pump with control on EMPTY. This circulates water in all hoses. Disconnect hose and drain pump.

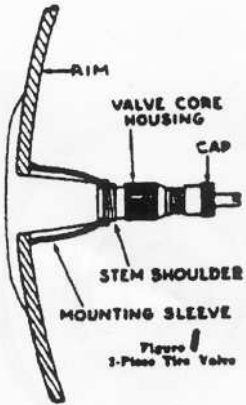


Stem Level Filling



Less Than Stem Level Filling

(A) TO ATTACH CORE HOUSING EJECTOR TO TWO-PIECE VALVE STEM:



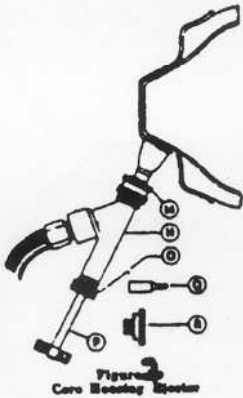
- a. Jack up tractor tire.
- b. If tire has just been mounted, inflate with air to 30 lbs. pressure to seat beads.
- c. Remove the core housing, see Fig. 1, of the two-piece valve (in the case of a one-piece valve stem, remove the core inside) and allow air to escape.
- d. After air has escaped, replace core housing (or core), but do not screw up tight.
- e. Remove mounting sleeve, see Fig. 1, and valve cap.
- f. Remove union M, Fig. 2, from ejector N and screw onto valve stem. Tighten with hand until nose of union seats firmly against stem shoulder.

DO NOT USE WRENCH OR PLIERS

- g. Connect ejector N to union M. Be sure rubber gasket is in the union. Tighten by hand.

DO NOT USE WRENCH OR PLIERS

- h. Push plunger P or core housing ejector in until it engages core housing. Turn plunger to left until core housing is unscrewed from the valve stem. Pull plunger back as far as possible. This suspends core housing in ejector N out of the way of the path for fluid.
- i. Attach free end of work hose (15 ft. length - Port A) to ejector. The tire is now ready for filling.



B. TO ATTACH CORE HOUSING EJECTOR TO ONE-PIECE VALVE STEM:

Only difference between filling tires with small one-piece valve and the two-piece valve is that two adaptors, Q and R, Fig 5, must be attached to the ejector N, so as to fit the small valve and remove the valve core. All operations are the same except f, g, and h.