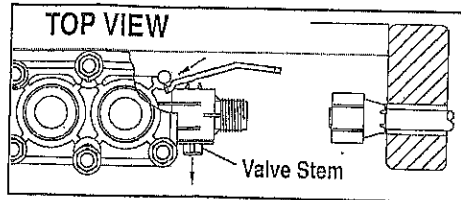


## HOW TO REPLACE A VALVE STEM IN A MANABLOC PRODUCED AFTER MAY 1995

1. Turn off the main water supply to the MANABLOC and drain the system to a point below the valve with the stem to be replaced.
2. Unscrew the Lock-In compression nuts on that port and the port directly above and below it. Pull the distribution lines out of the ports and slide them away from the ports.
3. Grip the end of the removal tool (opposite the end with the notch) and slide the tool behind the port. Fit the notched end of the tool under the tie rod and on the center rib behind the port. See illustration arrow.

4. Pull the tool toward you. If the tool is positioned properly, the stem will pop out of the valve slightly. If the stem does not pop out, reposition the tool and try again.



Do not use excessive force.

5. Grasp the diamond-shaped end of the stem with pliers and pull the stem out of the valve and discard. Check the inside of the valve bore. If there is foreign matter in the bore, wipe the valve out with a clean LINT-FREE rag or paper towel only. If the valve bore is clean, leave it alone and proceed to the next step.
6. Grasp the new appropriately colored stem by the diamond-shaped end. Inspect the stem and carefully remove any debris. Insert the other end of the stem in the valve bore and while twisting the stem slightly, push it in until the hooks snap into place in the base of the valve body.
7. Turn the stem to the open position and reattach the distribution lines to the ports. Hand tighten the Lock-In compression nuts, then wrench tighten 1/4 to 1/2 turn. Hand tighten only for PEX Press/PEX Crimp adapters.
8. Turn on the main water supply and check the system for leaks.

MBRS5INST 1107