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*Halsey Taylor*

# DIAPHRAGM REPAIR KIT

Halsey Taylor automatic stream regulator; valve diaphragm type; furnished in brass, chromium plate or CELCON®. All parts are accessible and easily replaceable. This regulator maintains a uniform height of drinking stream under varying pressures (20 to 90 psi) without waste of water.

**Repair procedure for diaphragm regulator**

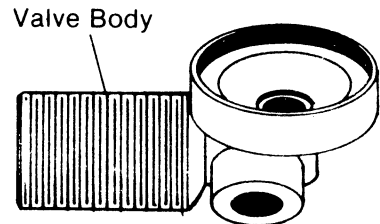
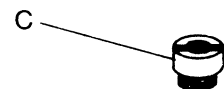
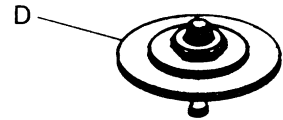
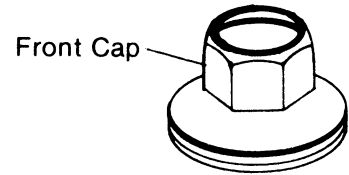
1. Remove the large front cap from valve body. Following this, remove the compression spring "A" and the thrust ring "B". After this is accomplished, remove rubber diaphragm and piston assembly "D". When removing diaphragm-piston assembly, a small amount of water may leak from behind the diaphragm, but it is not necessary to shut off supply water since the stop is upstream from the stream control valve.

2. Using a broad bladed screwdriver, unscrew regulator bushing "C" which is in the bottom center of the regulator chamber.

3. Use all parts contained in diaphragm replacement kit No. 60-08050-51-550. First, screw the new regulator bushing "C" firmly in place. Then, insert the new diaphragm-piston assembly "D" and place large thrust ring "B" against the rubber diaphragm. Make sure the thrust ring is pressed firmly in place. Place compression spring "A" on the adjusting screw spud on the inside of the large front cap. Screw on the large front cap.

4. Adjust the stream height to approximately 1½" above the projector guard by turning the adjusting screw. Turn adjusting screw clockwise to raise and counterclockwise to lower the projector stream height. You will note that at the height of approximately 1½" the two streams of water will merge to form a large mound of water for which Halsey Taylor is so famous.

5. This regulator maintains a uniform stream height when water pressure varies from 20-90 psi. Higher water pressure may require installation of a pressure reducing valve in the supply line.



**Replacement Kit No. 60-08050-51-550**  
**Parts List**

Ref. No.	Description	Qty.	Part No.
A	Compression Spring	1	11-00911-35-550
B	Thrust Ring	1	11-01186-08-550
C	Bushing (brass regulator)	1	16-14755-08-550
C	Bushing (CELCON® regulator)	1	16-14754-08-550
D	Diaphragm Assembly	1	60-14757-51-550

