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*Halsey Taylor.*

# Stem Repair Self-Closing

## Repair procedure for the self-closing stem assemblies;

**No. 60-01128-51-640, No. 60-01128-51-650,  
No. 60-01166-51-640 and No. 60-01166-51-650**

To repair a self-closing stem assembly with repair kit No.60-08250-51-550, proceed as follows:

1. Shut off water supply at the supply stop.
2. Remove the handle cap and the lock sleeve.
3. Unscrew the adjusting nut.
4. Remove the washer "J", the handle, and the nylon bearing.
5. If only the bearing is to be replaced, insert the new bearing and reverse the above procedure. When reassembling, be sure to tighten the adjusting nut only slightly. Overtightening will lift the seat and prevent complete water shutoff. To replace additional parts, follow steps No. 1-4 and proceed as follows:
6. Carefully unscrew the valve incline. This will release the preload on the valve spring and packing spring. Remove the packing "H", the washer "G", the packing spring "F", the valve spring washer "F" and the valve spring "C". Using the replacement parts from the repair kit, reverse the above procedures for reassembly.
7. Be sure the packing "C" is adequately greased with a graphite-type lubricant before reassembling.
8. Be sure to replace gasket "D" in the base of the valve incline. After the valve incline has been installed on the stem, preload springs by temporarily assembling washer "J" and adjusting nut against valve incline, compressing springs enough to permit valve incline to thread into valve body. With valve incline screwed tightly in valve body the adjusting nut and washer can be removed. Assemble the remainder of the parts in their proper order.
9. Apply a small amount of any type of lubricant other than graphite to the bearing and place it on the stem.
10. Reinstall the handle, washer "J", and adjusting nut. Tighten the adjusting nut slightly, overtightening will lift the seat and prevent complete water shut off. Place the lock sleeve over the stem and adjusting nut, and replace the cap.

### Replacement of seat washer only:

1. Shut off water at supply stop.
2. Remove entire stem assembly.
3. Remove screw "A" and replace washer "B". Reassemble by reversing the above procedures.

### No. 60-08250-51-550 Stem Assembly Repair Kit Parts List

Ref.	No.	Description	Qty.	Part No.
	A	Screw	1	11-00110-08-550
	B	Seat Washer	1	10-00354-40-560
	C	Valve Spring	1	11-00357-35-550
	D	Gasket	1	10-00460-06-740
	E	Washer	1	11-01132-08-550
	F	Packing Spring	1	11-01133-42-550
	G	Washer	1	11-01134-08-550
	H	Packing	1	10-01135-40-550
	J	Washer	1	11-01137-08-550
	K	Renewable Seat	1	16-06451-08-640
	L	Large O'ring	1	10-14203-40-550
	M	Small O'ring	1	10-14208-40-550

xxx 640 for Bright Chrome  
650 for Satin Chrome

Parts drawings for only the most common HALSEY TAYLOR Fittings are shown here, but the complete line of repair parts is in stock.

If you desire parts drawings for fittings not shown contact us for a custom catalog section.

