

Stem Repair Lever Activated

**Repair procedure for the lever activated stem assembly;
No. 60-14202-51-550**

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

1. Shut off water supply at the supply stop.
2. Loosen set screw, remove hex bushing and washer.
3. Remove lever arm from valve stem.
4. Carefully unscrew seal cap. This will release the preload on the valve spring.
5. Remove large O'ring "L" from the seal cap. Replace with new O'ring from kit.
6. Remove small O'ring "M", washer "J", and valve spring "C" from the valve stem. Using the replacement parts from the repair kit reverse the above procedures for reassembly.
7. After the seal cap has been installed on the stem, preload the spring by temporarily assembling the washer and hex bushing, compressing the spring enough to permit the seal cap to thread into the valve body. With the seal cap screwed tightly in valve body, the hex bushing and washer can be removed. Place the lever arm on the valve stem and push button stem. Replace the washer and hex bushing. Tighten the hex bushing snug against the lever arm. Do not over tighten as to cause water to trickle from the projector. Tighten the set screw.

If further adjustments are needed, see Routine Maintenance and Service, page 6.

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 |

Replacement of removable seat. Brass regulator only.

1. Shut off water at supply stop.
2. Remove entire stem assembly.
3. Use standard $\frac{1}{4}$ " square rod key to remove seat "K".
4. Reassemble by reversing above procedures.

