

Key No.	Part Description
1	Body
2	Handle
3	Plug Button
4	Stem
5	Seat Assembly
6	Ball
7	Spring
8	Seat Washer / O-ring
9	End Fitting
10	End Fitting O-ring / Washer

7200 Series Rotoball Valves

7200 Series Valves

7222F6Y 7223F6Y
7222F8Y 7223F8Y
7222G8Y 7223G8Y



Kit #SP7220K1 7200 Series Valves

Seat Replacement

For catalog information, contact your local Hoke stocking distributor or call Hoke, Inc. at (864) 574-7966.



Hoke, Inc.
405 Centura Court
Spartanburg, SC 29303

Kit includes: seat washers (2), end fitting washer (1), seat assemblies (2), seat O-rings (2), end fitting O-ring (1).

For Complete Listing of Model Numbers See Back Panel

DISASSEMBLY

1. Pry off hole plug and remove screw.
2. Lift off handle and all washers (Save Parts).
3. Unscrew end fitting and remove spring, washers or O-Rings and upstream seat assembly.
4. With valve in closed position, drop ball out.
5. Push down stem and remove with washers.
6. Remove downstream seat assembly and seat washer or O-Ring.
7. Inspect ball. If groove is damaged or surface worn, replace. NOTE: Damage to ball groove may indicate stem tang wear. Check stem tang. If worn, replace. (Use applicable Packing Kit).

Cleaning & Lubrication

O-Ring Packed Valves

1. Lubricate all O-Rings with Krytox #206 grease.

All Valves

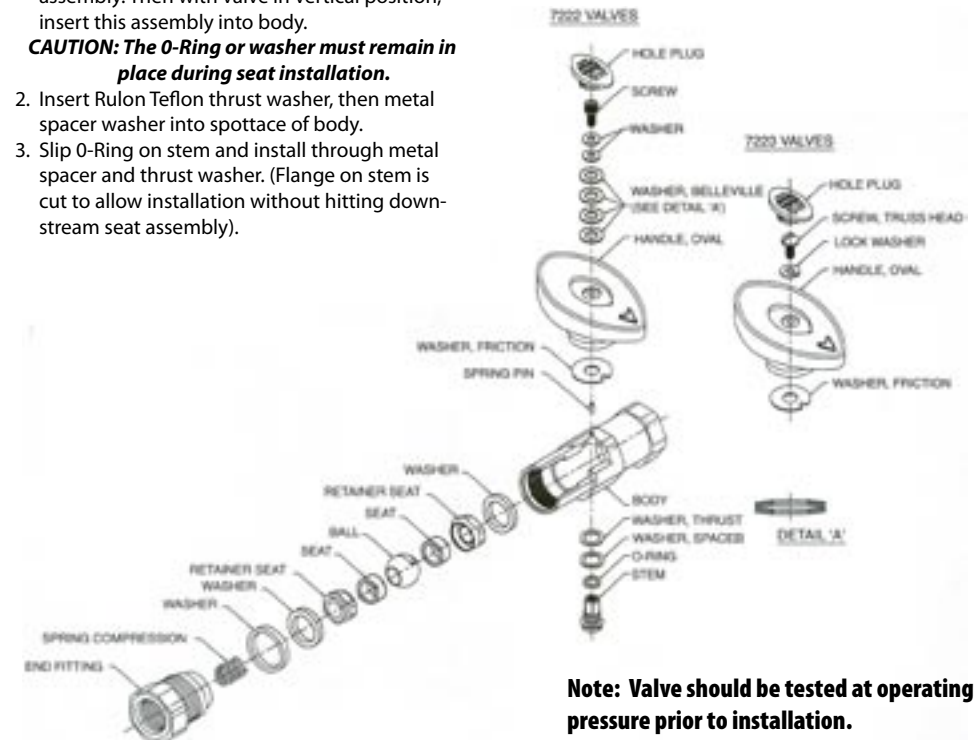
1. If necessary, clean all metallic sealing surfaces with acetone or methylene chloride. Smear Krytox® #206 grease on spring before installing into end fitting (This will keep spring positioned when end fitting is threaded into valve).
2. Lubricate entire ball, end fitting threads, and all Teflon® washers with Krytox® Oil #100.

ASSEMBLY

1. Place a seat O-Ring or washer onto back of seat assembly. Then with valve in vertical position, insert this assembly into body.

CAUTION: The O-Ring or washer must remain in place during seat installation.

2. Insert Rulon Teflon thrust washer, then metal spacer washer into spottace of body.
3. Slip O-Ring on stem and install through metal spacer and thrust washer. (Flange on stem is cut to allow installation without hitting downstream seat assembly).



4. Orient stem so that tang is parallel to valve axis and drop ball into place. NOTE: Ball must be against seat.
5. Follow Step No. 1 for upstream seat assembly.
6. Install end fitting O-Fting or washer onto body flat.
7. Install spring into counterbore of end fitting. Then thread into body with 35-40 ft.-lbs. NOTE: END FITTING MUST BE FLUSH WITH BODY WHEN TIGHT.

HANDLE INSTALLATION

Teflon Seat Washer Valves (7222)

1. Slip handle on stem until flush with body.
2. Assemble four Belleville washers and two flat washers onto stem. (See exploded view). Tighten with stem screw.
3. Push on plug button.

O-Ring Packed Valves (7223)

1. Place friction washer over stem, push handle onto stem until flush.
2. Secure handle with lock washer and stem screw.
3. Push on plug button.

Note: Valve should be tested at operating pressure prior to installation.

DISASSEMBLY

- 1. Pry off hole plug and remove screw.
- 2. Lift off handle and all washers (Save Parts).
- 3. Unscrew end fitting and remove spring, washers or O-Rings and upstream seat assembly.
- 4. With valve in closed position, drop ball out.
- 5. Push down stem and remove with washers.
- 6. Remove downstream seat assembly and seat washer or O-Ring.
- 7. Inspect ball. If groove is damaged or surface worn, replace. NOTE: Damage to ball groove may indicate stem tang wear. Check stem tang. If worn, replace. (Use applicable Packing Kit).

Cleaning & Lubrication

O-Ring Packed Valves

- 1. Lubricate all O-Rings with Krytox #206 grease.

All Valves

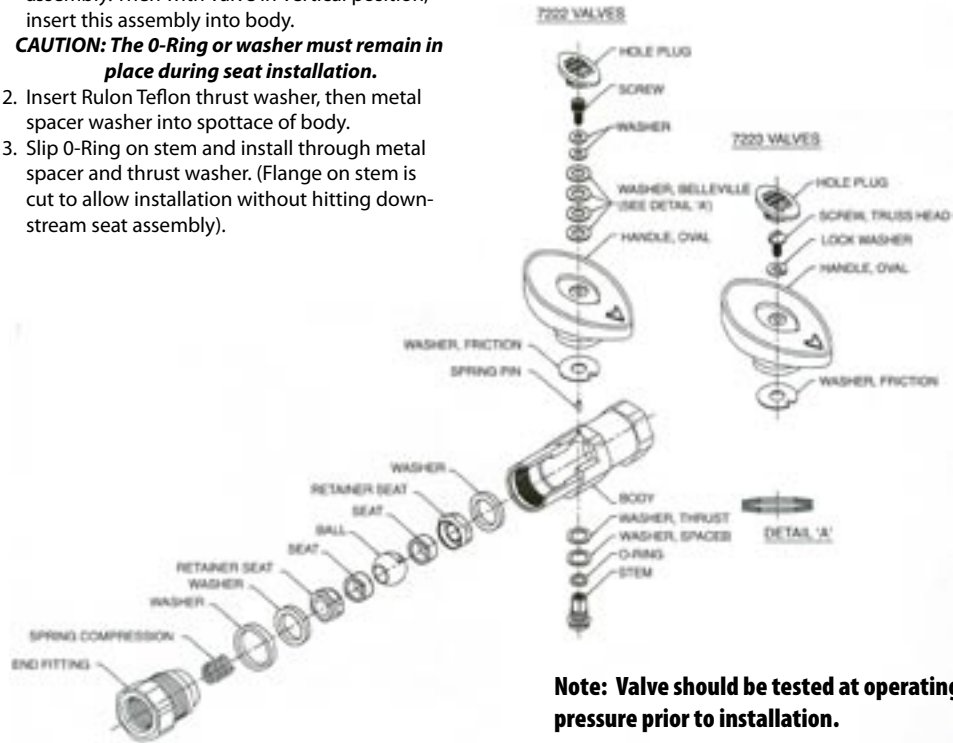
- 1. If necessary, clean all metallic sealing surfaces with acetone or methylene chloride. Smear Krytox® #206 grease on spring before installing into end fitting (This will keep spring positioned when end fitting is threaded into valve).
- 2. Lubricate entire ball, end fitting threads, and all Teflon® washers with Krytox® Oil #100.

ASSEMBLY

- 1. Place a seat O-Ring or washer onto back of seat assembly. Then with valve in vertical position, insert this assembly into body.

CAUTION: The O-Ring or washer must remain in place during seat installation.

- 2. Insert Rulon Teflon thrust washer, then metal spacer washer into spottace of body.
- 3. Slip O-Ring on stem and install through metal spacer and thrust washer. (Flange on stem is cut to allow installation without hitting downstream seat assembly).



- 4. Orient stem so that tang is parallel to valve axis and drop ball into place. NOTE: Ball must be against seat.
- 5. Follow Step No. 1 for upstream seat assembly.
- 6. Install end fitting O-Fting or washer onto body flat.
- 7. Install spring into counterbore of end fitting. Then thread into body with 35-40 ft.-lbs. NOTE: END FITTING MUST BE FLUSH WITH BODY WHEN TIGHT.

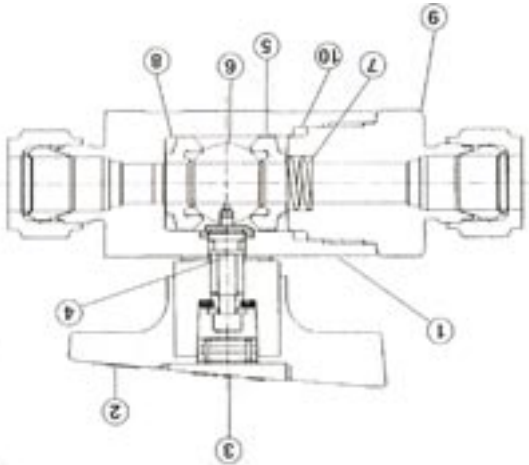
HANDLE INSTALLATION

Teflon Seat Washer Valves (7222)

- 1. Slip handle on stem until flush with body.
- 2. Assemble four Belleville washers and two flat washers onto stem. (See exploded view). Tighten with stem screw.
- 3. Push on plug button.

O-Ring Packed Valves (7223)

- 1. Place friction washer over stem, push handle onto stem until flush.
- 2. Secure handle with lock washer and stem screw.
- 3. Push on plug button.



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1	Body
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