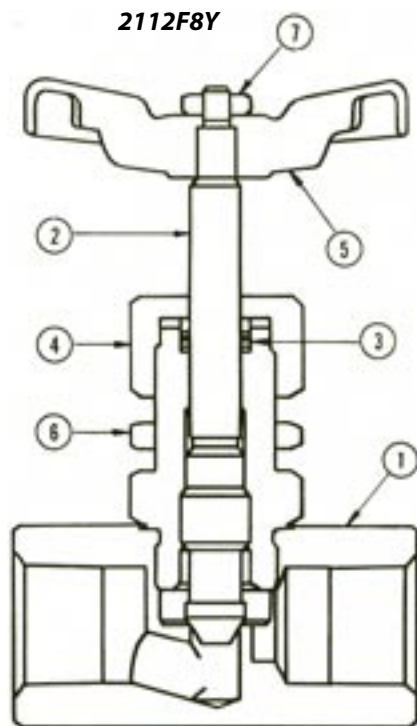


2100 Series Valves	
Key No.	Part Description
1	Body
2	Stem
3	Packing, Dyna-Pak
4	Bonnet
5	Handle
6	Panel Mounting Nut
7	Hex Nut



2100 Series (Hard and Soft Seats)

2112B8E
2112F8B
2112F8Y
2152F8Y



Kit #SP2100K4 2100 Series Valves

Packing and Seat Replacement

F8 Models Only

Kit includes: ring gland, Teflon® wafers (2), spacers (2), Kel-F® seat, roll pin, and screw (2).

For Complete Listing of Model Numbers See Back Panel

DISASSEMBLY

To Replace Soft Seat

1. Remove housing lock roll pin by carefully prying with dyke pliers and unscrew housing.
2. Remove screw from stem tip and discard KEL-F® seat.
3. If packing is also to be replaced, follow steps 4, 5, and 6 except, for more easy removal of packing, stem can be completely unscrewed through bottom of housing.

To Replace Packing

4. Unscrew the hex nut from stem and remove handle.
5. Unscrew packing nut from housing and extract ring gland and packing, (wafers & spacers) NOTE: It may be necessary to carefully pry parts loose from housing.
6. Thoroughly clean packing sealing surfaces (stem and housing) with acetone or trichloroethylene.

LUBRICATION

1. Lubricate replacement packing, packing nut threads and stem packing area with a 4:1 mixture of freon and fluorolube T-80 oil.
2. If housing has been removed, lubricate housing and body sealing surfaces with 4:1 mixture of freon and fluorolube T-80 oil.

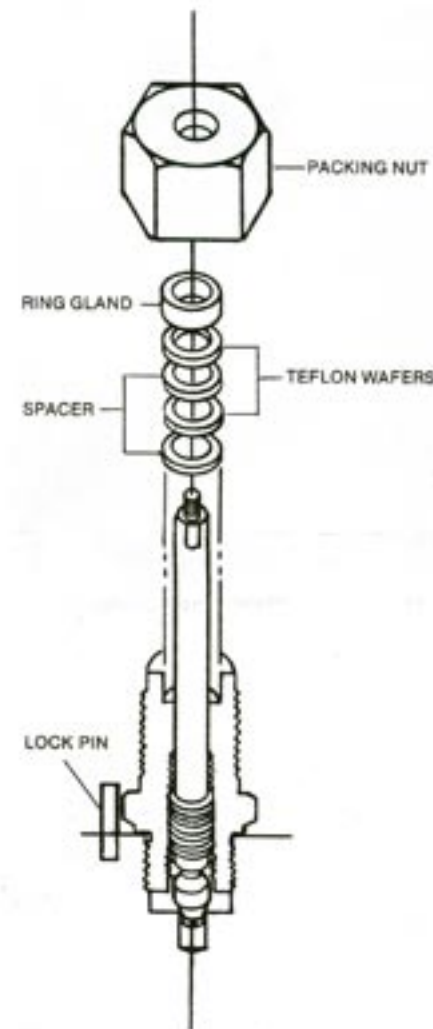
Assembly

To Replace Soft Seat

1. Slip Kel-F seat onto screw, apply one drop Loctite #262 to screw threads and secure seat to stem with 4 inch lbs. torque.
2. Screw stem through bottom of housing until back-seated.
3. Screw housing into body and tighten with following torques:
 1. Brass Valves - 30-40 ft. lbs.
 2. Stainless Steel Valves - 55-65 ft. lbs.
 3. Carbon Steel Valves - 20-30 ft. lbs.
4. Replace lock roll pin into hole provided in top of valve body.
5. If packing is also to be replaced follow steps 6, 7, 8 and 9.

To Replace Packing

6. Replace packing as illustrated in reverse order of disassembly. Note that the ring is the thicker washer and is assembled last.
7. With packing fully inserted in housing, replace packing nut and handle.
8. With valve in open position, secure handle with hex nut using 16-18 inch lbs. torque.
9. With valve in closed position, tighten packing nut with:
 - Brass & SST - 100-125 inch lbs. torque.
 - Carbon Steel - 70-80 inch lbs. torque.



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



Hoke, Inc.
405 Centura Court
Spartanburg, SC 29303

DISASSEMBLY

To Replace Soft Seat

- 1. Remove housing lock roll pin by carefully prying with dyke pliers and unscrew housing.
- 2. Remove screw from stem tip and discard KEL-F® seat.
- 3. If packing is also to be replaced, follow steps 4, 5, and 6 except, for more easy removal of packing, stem can be completely unscrewed through bottom of housing.

To Replace Packing

- 4. Unscrew the hex nut from stem and remove handle.
- 5. Unscrew packing nut from housing and extract ring gland and packing, (wafers & spacers) NOTE: It may be necessary to carefully pry parts loose from housing.
- 6. Thoroughly clean packing sealing surfaces (stem and housing) with acetone or trichloroethylene.

LUBRICATION

- 1. Lubricate replacement packing, packing nut threads and stem packing area with a 4:1 mixture of freon and fluorolube T-80 oil.
- 2. If housing has been removed, lubricate housing and body sealing surfaces with 4:1 mixture of freon and fluorolube T-80 oil.

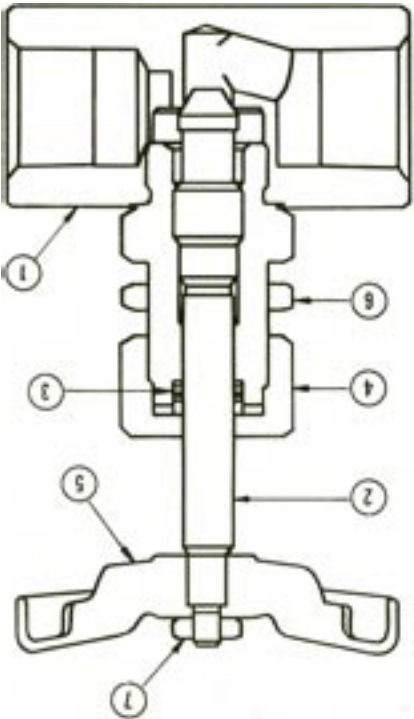
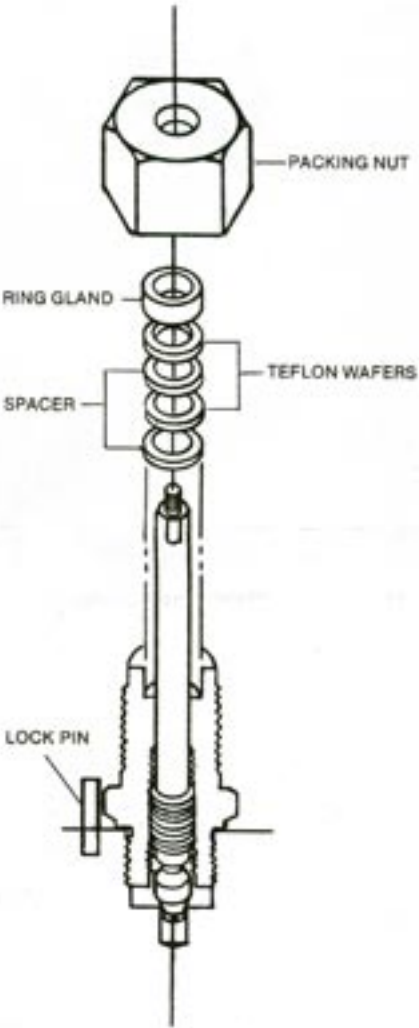
Assembly

To Replace Soft Seat

- 1. Slip Kel-F seat onto screw, apply one drop Loctite #262 to screw threads and secure seat to stem with 4 inch lbs. torque.
- 2. Screw stem through bottom of housing until back-seated.
- 3. Screw housing into body and tighten with following torques:
 - 1. Brass Valves - 30-40 ft. lbs.
 - 2. Stainless Steel Valves - 55-65 ft. lbs.
 - 3. Carbon Steel Valves - 20-30 ft. lbs.
- 4. Replace lock roll pin into hole provided in top of valve body.
- 5. If packing is also to be replaced follow steps 6, 7, 8 and 9.

To Replace Packing

- 6. Replace packing as illustrated in reverse order of disassembly. Note that the ring is the thicker washer and is assembled last.
- 7. With packing fully inserted in housing, replace packing nut and handle.
- 8. With valve in open position, secure handle with hex nut using 16-18 inch lbs. torque.
- 9. With valve in closed position, tighten packing nut with:
 - Brass & SST -100-125 inch lbs. torque.
 - Carbon Steel - 70-80 inch lbs. torque.



2100 Series (Hard and Soft Seats)

- 2112B8E
- 2112F8B
- 2112F8Y
- 2152F8Y



Kit #SP2100K4
2100
Series
Valves

Packing and Seat
Replacement

F8 Models Only

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: ring gland, Teflon® wafers (2), spacers (2), Kel-F® seat, roll pin, and screw (2).

For Complete Listing of Model Numbers See Back Panel

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