

Part Description	Key
Hex Nut	6
Handle	5
Packing, Dyna-Pak®	4
Stem Tip	3
Stem	2
Body	1



Kit #SP1700K1

1711

1751

Series Valves

Packing and Seat Replacement

Hoke manufactures a complete line of precision needle valves for both general purpose and severe service applications. A variety of user benefits including reduced fugitive emissions and extended product life are provided by standard needle valve features such as Hoke's Dyna-Pak Packing and positive driven handwheel. Hoke's 1700 Series Valves perform well under severe service conditions. Added features include packing below stem threads, a nonrotating stem tip, and a hardened thread gland.

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: retainer (1), Teflon® wafers (3), spacers (3), top spacer (1), PCTFE seat (1), and screw (1).

For Complete Listing of Model Numbers See Back Panel

DISASSEMBLY

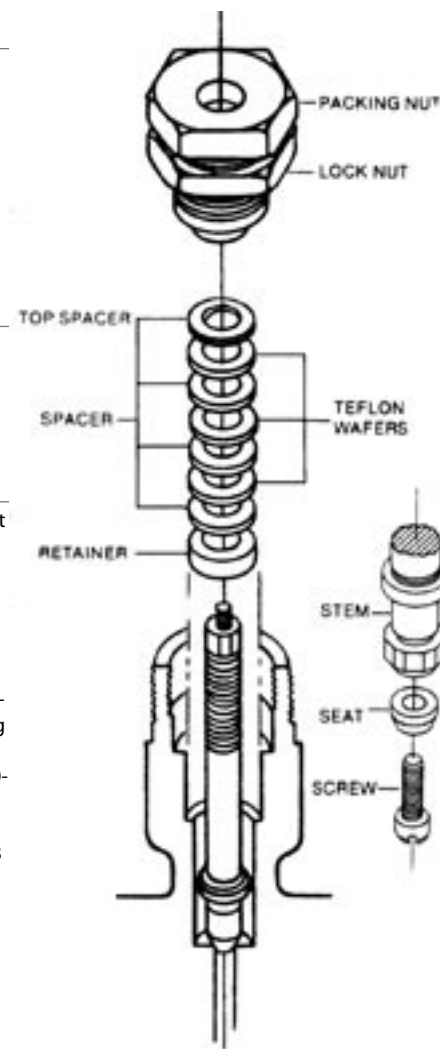
1. Remove plug button from top of handle.
2. Unscrew top hex nut and remove the handle.
3. Loosen lock nut and unscrew packing nut.
4. Lift stem out of valve, remove and discard top spacer, packing (wafers & spacers) and retainer.
5. On soft seated valves, remove screw on stem tip and discard PCTFE seat.
6. Thoroughly clean packing and sealing surfaces (stem and body) with acetone or trichloroethylene.

Lubrication

1. Lubricate stem threads with Never-Seez nickel compound.
2. Using Krytox 100 oil, lubricate O.D. threads of packing nut and stem O.D., below threads, which will contact packing.

ASSEMBLY

1. On soft seated valves, slip PCTFE seat onto screw. Coat screw threads with Loctite #262. Assemble seat to stem and torque to 4 inch-lbs.
2. Assemble new retainer, packing (wafers and spacers), and top spacer onto stem (Refer to exploded view). Again using Krytox oil, lubricate O.D. of packing, Teflon wafers.
3. From below, screw stem into packing nut until it backseats. Make sure lock nut is fully assembled to packing nut and stem is backseated.
4. Screw the packing nut into the body and torque to 80-100 inch-lbs. 5. While holding packing nut, torque the locknut to 20-30 inch-lbs. to secure the packing nut.
6. Attach handle to stem and tighten hex nut with 16-18 inch-lbs torque.
7. Lock the plug button into place.
8. Test valve at operating pressure.



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

DISASSEMBLY

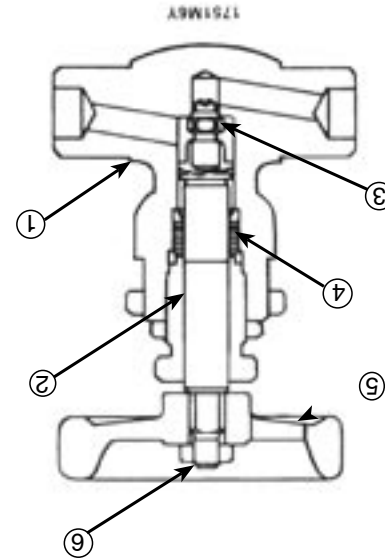
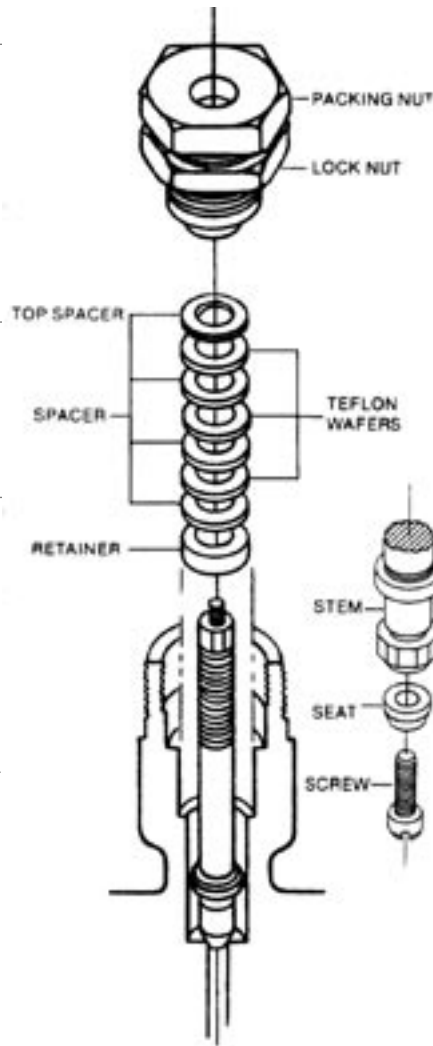
1. Remove plug button from top of handle.
2. Unscrew top hex nut and remove the handle.
3. Loosen lock nut and unscrew packing nut.
4. Lift stem out of valve, remove and discard top spacer, packing (wafers & spacers) and retainer.
5. On soft seated valves, remove screw on stem tip and discard PCTFE seat.
6. Thoroughly clean packing and sealing surfaces (stem and body) with acetone or trichloroethylene.

Lubrication

1. Lubricate stem threads with Never-Seez nickel compound.
2. Using Krytox 100 oil, lubricate O.D. threads of packing nut and stem O.D., below threads, which will contact packing.

ASSEMBLY

1. On soft seated valves, slip PCTFE seat onto screw. Coat screw threads with Loctite #262. Assemble seat to stem and torque to 4 inch-lbs.
2. Assemble new retainer, packing (wafers and spacers), and top spacer onto stem (Refer to exploded view). Again using Krytox oil, lubricate O.D. of packing wafers.
3. From below, screw stem into packing nut until it backseats. Make sure lock nut is fully assembled to packing nut and stem is backseated.
4. Screw the packing nut into the body and torque to 80-100 inch-lbs. 5. While holding packing nut, torque the locknut to 20-30 inch-lbs. to secure the packing nut.
6. Attach handle to stem and tighten hex nut with 16-18 inch-lbs torque.
7. Lock the plug button into place.
8. Test valve at operating pressure.



Key	Part Description
1	Body
2	Stem
3	Stem Tip
4	Packing, Dyna-Pak®
5	Handle
6	Hex Nut



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Hoke, Inc.
405 Centura Court
Spartanburg, SC 29303

59-651

Kit includes: retainer (1), Teflon® wafers (3), spacers (3), top spacer (1), pcfte seat (1), and screw (1).

For Complete Listing of Model Numbers See Back Panel

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