

Metal Stem  
2118F4Y

Key No.	Part Description
1	Body
2	Stem
3	High Temperature Packing
4	Packing Nut
5	Handle
6	Panel Mounting Nut
7	Hex Nut

## 2100 Series Valves

2118F4E  
2118F4Y  
2118F6Y



Kit #SP2100K5

# 2118 Series Valves

## Packing Replacement

*High Temperature Packing*

Kit includes: packing gland (1), Teflon® wafer (2), Graph-Lock wafer (2), stainless steel washers (5).

For Complete Listing of Model Numbers See Back Panel

### DISASSEMBLY

1. Unscrew hex nut and remove handle from stem.
2. Unscrew packing nut from housing and extract packing gland and packing. NOTE: To aid in extracting packing, remove stem up and down.
3. Thoroughly clean all packing surfaces (stem & housing with acetone or trichloroethane.

### Lubrication

1. Lubricate packing nut threads with a 4:1 mixture of freon/fluorolube T-80 oil.
2. Lubricate stem shaft (packing area) with nickel base Never-Seez NS-165 grease.

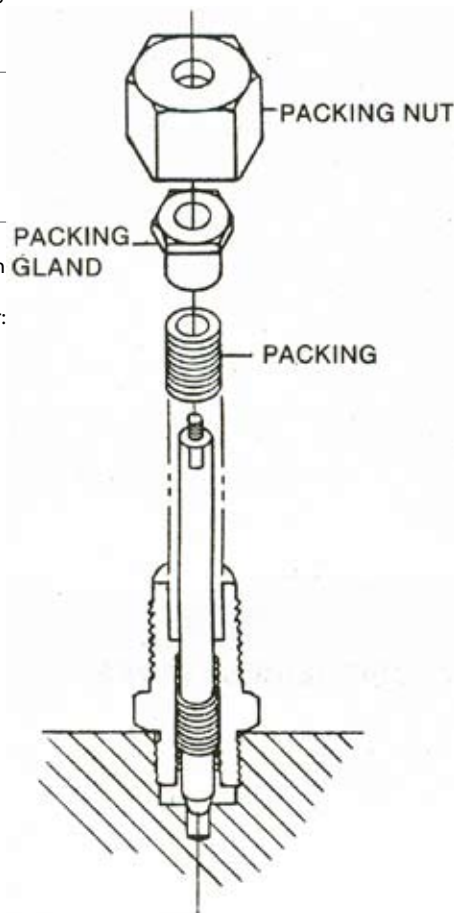
### ASSEMBLY

1. Teflon wafers, graph-lock wafers, and 316 SST washers must be individual stacked onto stem to form the high temperature packing sandwich. Slide washers and wafers onto stem, one at a time, in the following order:

316 SST Washer  
Graph-Lock Wafer  
316 SST Washer  
Teflon Wafer  
316 SST Washer  
Teflon Wafer  
316 SST Washer  
Graph-Lock Wafer  
316 SST Washer

Use care to avoid breaking or distorting graph-lock and teflon wafers. When all wafers and washers are assembled onto stem, gently tap down on sandwich to solidify packing.

2. Slide packing gland onto stem, insert into housing and gently press on packing gland until it bottoms out.
3. With valve in the open position, screw on packing nut fingertight.
4. Replace handle and tighten hex nut with 16-18 inch torque.
5. Close valve hand tight and tighten packing nut with the following torque:  
Carbon Steel Valves-70-80 inch lbs.  
Swnless Steel Valves-100-125 inch lbs



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

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

DISASSEMBLY

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Lubrication

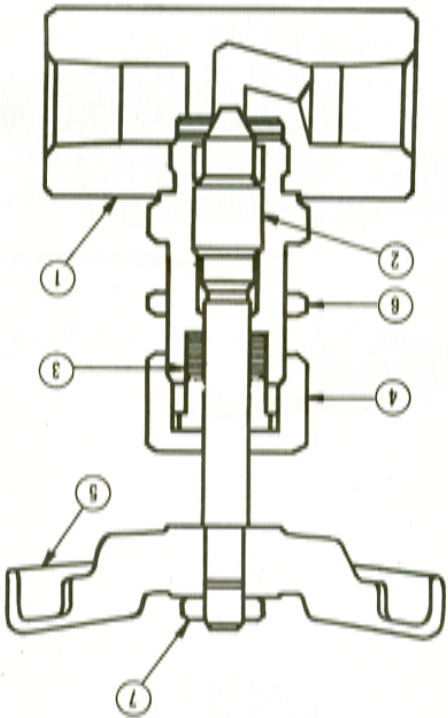
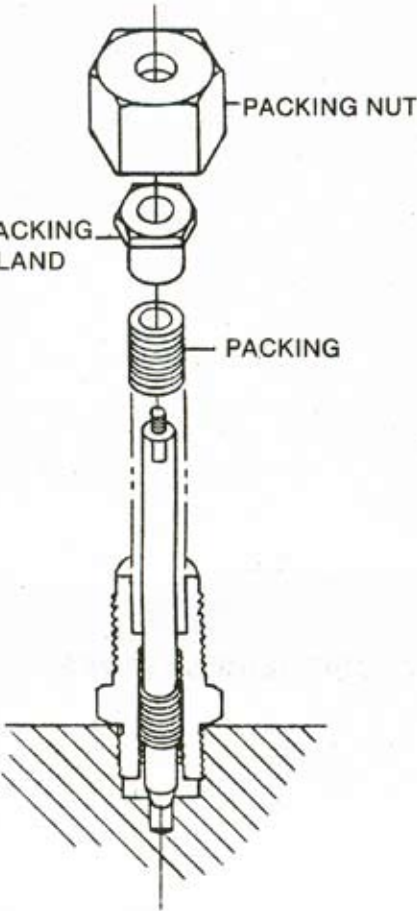
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ASSEMBLY

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  - Graph-Lock Wafer
  - 316 SST Washer
  - Teflon Wafer
  - 316 SST Washer
  - Teflon Wafer
  - 316 SST Washer
  - Graph-Lock Wafer
  - 316 SST Washer

Use care to avoid breaking or distorting graph-lock and teflon wafers. When all wafers and washers are assembled onto stem, gently tap down on sandwich to solidify packing.

- 2. Slide packing gland onto stem, insert into housing and gently press on packing gland until it bottoms out.
- 3. With valve in the open position, screw on packing nut fingertight.
- 4. Replace handle and tighten hex nut with 16-18 inch torque.
- 5. Close valve hand tight and tighten packing nut with the following torque:
  - Carbon Steel Valves-70-80 inch lbs.
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2118  
Series  
Valves

Packing  
Replacement

High Temperature Packing

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