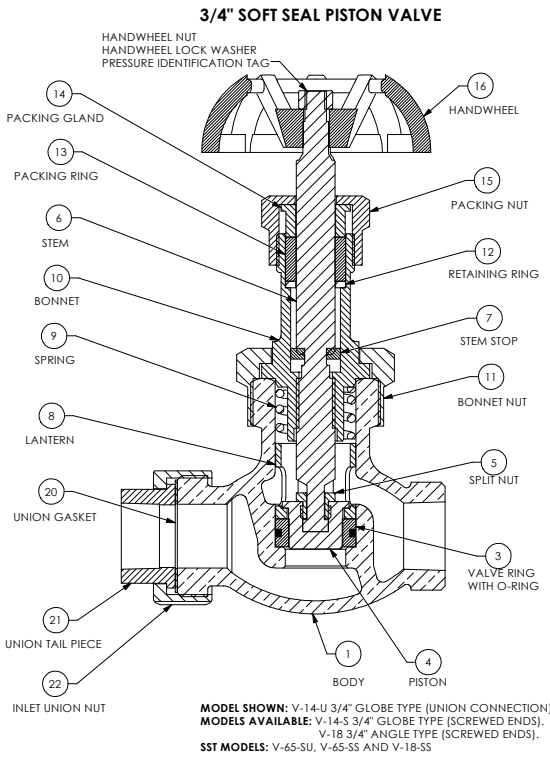
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The Strahman Soft Seal Piston Valve

V-14-U ¾" Globe (Shown)
V-18 ¾" Angle, V-14S (Screwed End)
V-65-SU ¾" Globe Stainless Steel
V-18-S ¾" Angle Stainless Steel
Note: Globe (Union Connection) Valve Shown.
Angle Valve Not Shown.

PARTS	
PART NO.	**PART**
1	BODY SCREWED ENDS
1	BODY SCREWED ENDS SS
1	BODY UNION TYPE
3	VALVE RING
4	PISTON
5	SPLITNUT
6	STEM (includes part 7)
7	STEM STOP (set of 6)
8	LANTERN
9	SPRING
10	BONNET Bronze
10	BONNET SS 303
11	BONNET NUT
11	BONNET NUT SS 303
12	RETAINING RING (set of 6)
13	PACKING RING
14	PACKING GLAND
15	PACKING NUT
15	PACKING NUT SS 303
16	BLACK HANDWHEEL
16	RED HANDWHEEL
17	HANDWHEEL NUT (set of 6)
20	UNION GASKET (set of 6)
20	SPIRAL WOUND GASKET Graphite
21	UNION TAIL PIECE
22	UNION INLET NUT
23	ANGLE RECESSED GASKET

Note: When installing new spring, splitnut no. 5 and piston no. 4 must be disassembled from stem no. 6. Install new spring over stem against bonnet. Reassemble splitnut and piston. Hold spring against bonnet.







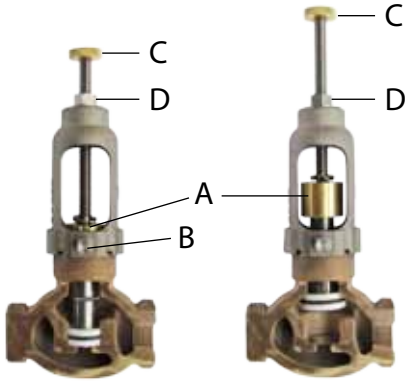


Fig. 1

Fig. 2



Fig. 3

Instructions for Use of Tools with Soft Seal Piston Valve

Extracting Valve Ring

First Remove bonnet and stem assembly by opening valve to wide open position and removing bonnet nut and working assembly free of body.

Second Insert pulling tool into ring pocket making sure that puller housing is located evenly on neck of valve body. Slotted cap 'A' should rest on lantern as shown in Fig. 1. Rotate until pin 'B' can be pressed into slot and hold while knurled nut 'C' counter clockwise until refusal.

Third With an adjustable wrench, turn hex nut 'D' in a clockwise direction until internal parts are fully extracted, as shown in Fig. 2.

Fourth Spin hex nut all the way back on so that withdrawn parts can be fully extended from puller housing, then turn knurled nut 'C' clockwise which will release parts from puller.

To Insert New Valve Ring

First Place valve ring, including O-ring, on seating tool as shown in Fig. 3 and drive into valve body as far as it will go keeping sealer tool as straight as possible.

Second Drop lantern into body with large I.D. and wider band facing up making sure lantern sits evenly on ring.

Third Before installing bonnet assembly into body, fully retract stem making sure spring is located between back of piston and bonnet. Install into body. Tighten down bonnet nut until refusal.

Precautions: Make sure ring pocket is free of scale, rust or other obstruction before replacing valve ring. Make sure parts are replaced in same order as removed.

Base ring no longer necessary (older valves only).