

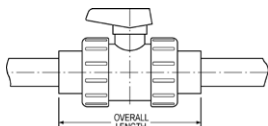


True Union 2000 Ball Valve Retrofit Kit INSTALLATION INSTRUCTIONS



RFK-3A-1000

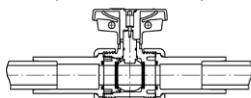
Retrofit Kit is designed for in-line replacement of other brand ball valves with Spears True Union 2000 Ball Valves. Kit includes one pair (2) extended socket-type end connectors with O-rings installed. The following instructions are to be used in addition to installation instructions included with new valve. Read all instructions before proceeding.



**BALL VALVE FOR
REPLACEMENT**



**PIPE LAYING LENGTH
AFTER CUTTING**



**TRUE UNION 2000
BALL VALVE INSTALLED
WITH RETROFIT KIT**

Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
L	5-5/16	6-1/4	6-11/16	7-1/8	8-3/16	5-15/16	12	12-1/16	13-3/16

L ± 1/16

- Step 1:** Mark and cut old valve from line according to specified "L" dimension in chart. Pipe ends must be cut square.
- Step 2:** Deburr and bevel pipe ends. All burrs on the pipe O.D and I.D must be removed. The O.D should be beveled 10° to 15°.
- Step 3:** Remove union nuts from new True Union 2000 Ball Valve and slide over pipe making sure the nut threads will face the valve when installed.
- Step 4:** Install Retrofit Kit end connectors according to solvent cement welding procedures included with valve. End connector socket must be fully seated on pipe. Allow to properly cure before proceeding. **DO NOT allow primer or cement to come in contact with the end connector O-ring face, union nuts, or other internal valve components.**
- Step 5:** Install new True Union 2000 Valve cartridge between newly installed retrofit end connectors according to installation instructions included with new valve. **DO NOT use union nuts to draw together any gaps between end connector and valve.** Free system components to compensate if necessary.



SPEARS® MANUFACTURING COMPANY • CORPORATE OFFICE

15853 Olden St., Sylmar, CA 91342 • PO Box 9203, Sylmar, CA 91392
(818) 364-1611 • www.spearsmfg.com



PACIFIC SOUTHWEST

15860 Olden St.
Sylmar (Los Angeles), CA 91342
(818) 364-1611 • (800) 862-1499
Fax (818) 367-3014

NORTHWEST

4103 C St. NE Suite 200
Auburn (Seattle), WA 98002
(253) 939-4433 • (800) 347-7327
Fax (253) 939-7557

ROCKY MOUNTAIN

4680 Florence St.
Denver, CO 80238
(303) 371-9430 • (800) 777-4154
Fax (303) 375-9546

SOUTH CENTRAL

1000 Lakeside Parkway
Flower Mound, TX 75208
(469) 528-3000 • (800) 441-1437
Fax (469) 528-3001

UTAH

5395 West 1520 South
Salt Lake City, UT 84104
(303) 371-9430 • (800) 777-4154
Fax (303) 375-9546

NORTHEAST

590 Industrial Dr., Suite 100
Lewisberry (Harrisburg), PA 17339-9532
(717) 938-8844 • (800) 233-0275
Fax (717) 938-6547

SOUTHEAST

4205 Newport Pl., Suite 100
Lawrenceville (Atlanta), GA 30043
(678) 985-1263 • (800) 662-6326
Fax (678) 985-5642

FLORIDA

9563 Parksouth Court
Orlando, FL 32837
(407) 843-1960 • (800) 327-6390
Fax (407) 425-3563

MIDWEST

1 Gateway Ct., Suite A
Bolingbrook (Chicago), IL 60440
(630) 759-7529 • (800) 662-6330
Fax (630) 759-7515

INTERNATIONAL SALES

15853 Olden St.
Sylmar (Los Angeles), CA 91342
(818) 364-1611 • Fax (818) 898-3774