



## NOZZLE KITS

## NOZZLE REPAIR KITS

### P/N 8080001 Field Service Kit

**For all 1.0" and 1.5" nozzles and ball shut-offs (1.0" ID Ball) • Kit contains the following parts:**

- |                                    |                          |
|------------------------------------|--------------------------|
| 1 Adjustable Seat                  | 1 Actuator Shaft Screw   |
| 1 O-Ring for Adjustable Seat       | 1 Handle Pivot Screw     |
| 1 Actuator Shaft O/S               | 1 O-Ring for Pivot Screw |
| 1 Drive Pin for O/S Actuator Shaft | 1 O-Ring for Body Base   |
| 1 Actuator Shaft N/S               | 1 Repair Instructions    |
| 1 O-Ring for Actuator Shaft        |                          |

**This kit can be used on the following nozzles and ball shut-offs:**

L-0 (N/S)	SFL-BG	SM-10FG (O/S)	4000-01 (O/S)
L-0 (O/S)	SFL-OG (N/S)	SM-10FB (N/S)	4000-02 (N/S)
L-OE (N/S)	SFL-OG (O/S)	SM-10FB (O/S)	4000-02 (O/S)
L-OE (O/S)	SFS-0 (N/S)	LB-275 (N/S)	4000-03 (N/S)
L-OG (N/S)	SFS-0 (O/S)	LB-275 (O/S)	4000-03 (O/S)
L-OG (O/S)	SFS-OG (N/S)	LB-275A (N/S)	4000-10 (N/S)
NSL	SFS-OG (O/S)	LB-275A (O/S)	4000-10 (O/S)
S-0 (N/S)	SM-3F (N/S)	LB-275GA (N/S)	4000-11 (N/S)
S-0 (O/S)	SM-3F (O/S)	LB-275GA (O/S)	4000-11 (O/S)
S-OE (N/S)	SM-3FG (N/S)	SB-275 (N/S)	4000-12 (N/S)
S-OE (O/S)	SM-3FG (O/S)	SB-275 (O/S)	4000-12 (O/S)
SFL-0 (N/S)	SM-10F (N/S)	SB-275A (N/S)	4000-13 (N/S)
SFL-0 (O/S)	SM-10F (O/S)	SB-275A (O/S)	4000-13 (O/S)
SFL-B	SM10FG (N/S)	4000-01 (N/S)	

(Optional ball is P/N 15076000)

### P/N 81464001 Field Service Kit

**For 1.5" SFM HP/LP • Kit contains the following parts:**

- |                               |                                 |
|-------------------------------|---------------------------------|
| 2 O-Rings for Adjustable Seat | 2 Self-Adjusting Seats (UHMWPE) |
| 2 O-Rings for Actuator        | 2 Actuator Shaft Square Drive   |
| 2 O-Rings for Body Adapters   | 1 Repair Instructions           |

(Optional ball is P/N 17328001)

### P/N 81165001 Field Service Kit

**For SFL-O-DI (De-icing) • Kit contains the following parts:**

- |                              |                               |
|------------------------------|-------------------------------|
| 1 O-Ring for Adjustable Seat | 1 Actuator Shaft Screws       |
| 1 Drive Pin for Handle       | 1 Adjustable Seal             |
| 1 O-Ring for Actuator        | 1 Actuator Shaft              |
| 1 O-Ring for Pivot Screw     | 1 Handle Pivot Screw          |
| 2 O-Rings for Center Barrel  | 1 Actuator Shaft Square Drive |
| 1 O-Ring for Base Adapter    | 1 Repair Instructions         |

(Optional ball is P/N 15076)

### P/N 81463001 Field Service Kit

**For PSFS-HP, PSFS-HPG • Kit contains the following parts:**

- |                               |                               |
|-------------------------------|-------------------------------|
| 2 O-Rings for Adjustable Seat | 2 Seats                       |
| 2 O-Rings for Actuator        | 2 Actuator Shaft Square Drive |
| 2 O-Rings for Body Adapters   | 1 Repair Instructions         |

(Optional ball is P/N 17333001)

### P/N 80902001 Field Service Kit

**For all 1.75", 2.0", and 2.5" nozzles and ball shut-offs (1.375" ID Ball) • Kit contains the following parts:**

- |                                    |                          |
|------------------------------------|--------------------------|
| 1 Adjustable Seat                  | 1 Actuator Shaft Screw   |
| 1 O-Ring for Adjustable Seat       | 1 Handle Pivot Screw     |
| 1 Actuator Shaft O/S               | 1 O-Ring for Pivot Screw |
| 1 Drive Pin for O/S Actuator Shaft | 1 O-Ring for Body Base   |
| 1 Actuator Shaft N/S               | 1 Repair Instructions    |
| 1 O-Ring for Actuator Shaft        |                          |

**This kit can be used on the following nozzles and ball shut-offs:**

A	SM-20FG (O/S)	DB-275 (N/S)
D (N/S)	SM-30F (N/S)	DB-275 (O/S)
D (O/S)	SM-30F (O/S)	DB-275A (N/S)
DSF (N/S)	SM-30FLP	DB-275A (O/S)
DSF (O/S)	SM-30FG (N/S)	DB-275AT
DSM-30F (N/S)	SM-30FG (O/S)	DB-275-GAT
DSM-30F (O/S)	SM-30FGLP	B-278
DSM-30FLP	SOS	B-278L
DSF-30FG	B-275 (N/S)	4000-16
DSM-30FGLP	B-275 (O/S)	4000-17
SF	B-275A (N/S)	4000-20 (N/S)
SFM	B-275A (O/S)	4000-20 (O/S)
SFM-G	B-275AT	4000-23 (N/S)
SM-20F (N/S)	B-275-GA (N/S)	4000-23 (O/S)
SM-20F (O/S)	B-275-GA (O/S)	4000-26 (N/S)
SM-20FG (N/S)	B-275-GAT	4000-26 (O/S)

(Optional ball is P/N 17304000)

### P/N 81277001 Field Service Kit

**This 1 3/8" double drive kit can be used on the following nozzle types: B-375-A, B-375-AT, B-375-GA, B-375-GAT, DB-375-A, DB-375-AT, DB-375-GA, DB-375-GAT**

**• Kit contains the following parts:**

- |                                 |                                |
|---------------------------------|--------------------------------|
| 2 O-Rings for Adjustable Seat   | 1 O-Ring for F/S Base          |
| 2 O-Rings for Actuator Shafts   | 2 Actuator Shaft Square Drives |
| 3 O-Rings for Body Adapters     | 1 Repair Instructions          |
| 2 Self-Adjusting Seats (UHMWPE) |                                |

(Optional 1.375" single cut-away ball is P/N 17326001)

(Optional 1.375" double cut-away ball is P/N 17323000)

(Optional 1.375" full round ball is P/N 17328001)

### P/N 81151001 Field Service Kit

**For SFL-GN (MIL-N-24408B Rev. D or MIL-N-24408B Rev. E)**

**• Kit contains the following parts:**

- |                                    |                              |
|------------------------------------|------------------------------|
| 2 Pins                             | 2 O-Rings for Upstream Seat  |
| 2 O-Rings for Actuator Shafts      | 1 O-Ring for Downstream Seat |
| 2 Actuator Shaft Screws            | 2 Actuator Shafts            |
| 1 O-Ring for F/S Base              | 1 Repair Instructions        |
| 2 Self-Adjusting Seats (UHMWPE)    |                              |
| 1 O-Ring for inside Center Barrel  |                              |
| 1 O-Ring for outside Center Barrel |                              |
| 1 O-Ring for Pistol Grip to Body   |                              |

### VALVE REPAIR KITS

#### Field Service Kits for 800 and 2800 Series Apparatus Valves

For all **800** and **2800** series apparatus valves • Kit contains the following parts:

- 1 Seat
- 1 O-Ring for Seat
- 1 Seat Retainer
- 1 O-Ring for Seat Retainer
- 1 O-Ring for Actuator Shaft
- 1 O-Ring for Pivot Bolt
- 3 O-Rings for Body

Kits available for:

- 890** 1.0" Valve .....Kit P/N 8042600 **12891** 1.5" Valve .....Kit P/N 80427001
- 891** 1.5" Valve .....Kit P/N 8042700 **12892** 2.0" Valve .....Kit P/N 80428001
- 892** 2.0" Valve .....Kit P/N 8042800 **12893** 3.0" Valve .....Kit P/N 80421001
- 893** 3.0" Valve .....Kit P/N 8042100 **12896** 2.5" Valve .....Kit P/N 80326001
- 896** 2.5" Valve .....Kit P/N 8032600 **B-94** 2.5" Valve .....Kit P/N 80326001

Balls available for: **800** and **2900** Series Apparatus Valves

- 1" .....P/N 15076000
- 1.5" .....P/N 15077000
- 2" .....P/N 17305000
- 2.5" .....P/N 15079000
- 3" .....P/N 15080000

P/N 11736001 .....zinc anode for a 9786 valve

#### Field Service Kit for Copperhead IV

P/N 65490000..... Seal Kit with Ball  
P/N 65491000..... Seal Kit

#### Field Service Kits for 2900 Series Apparatus Valves

For all **2900** series apparatus valves • All kits (except for 2940) contain the following parts:

- 1 Valve Ball\*
- 2 Seats\*
- 3 O-Rings for Seat\*
- 3 O-Rings for Body
- 3 O-Rings for Seat Retainer

Kits available for:

- 2915** 1.5" Valve .....Kit P/N 81105001
- 2920** 2.0" Valve .....Kit P/N 81106001
- 2925** 2.5" Valve .....Kit P/N 81107001
- 2930** 3.0" Valve .....Kit P/N 81108001
- 2940** 4.0" Valve (O/S) .....Kit P/N 81109001\*
- 2940** 4.0" Valve (N/S) .....Kit P/N 81140001\*

\*Kits for 2940 valve (P/N 81109001 and 81140001) have only 1 seat, 1 O-Ring seat, and no valve ball. (Optional ball is P/N 17317001)

Note: New style (N/S) 2940 has 95 or 96 embossed on body casting above or below the heart.

#### Universal Seal Kits for use with the Elkhart Brass Unibody line or Akron Brass Apparatus Valves.

Kits contain the following parts:

- |                           |                                |
|---------------------------|--------------------------------|
| <b>1.5" – 3.5" valves</b> | <b>4" Valves</b>               |
| 2 Valve Seats             | 1 Valve Seat                   |
| 1 Trunnion O-ring         | 1 Gear Case Adapter O-ring     |
| 3 Actuator Shaft O-rings  | 2 Actuator Shaft O-rings       |
|                           | 2 Seat Retainer O-rings        |
|                           | 2 Face Seals                   |
|                           | Seal Kit                       |
|                           | Seal Kit with Ball             |
| <b>EB15/EB20</b>          | P/N 65476000 .....P/N 65477000 |
| <b>EB25</b>               | P/N 65478000 .....P/N 65479000 |
| <b>EB30/EB35</b>          | P/N 65480000 .....P/N 65481000 |
| <b>EB40</b>               | P/N 65482000                   |

### APPLIANCE REPAIR KITS

#### P/N 80671001 Field Service Kit for B-90 Series

One Kit required for each 2.5" Inlet/Outlet on a:

- |              |              |              |
|--------------|--------------|--------------|
| <b>B-95</b>  | <b>B-97</b>  | <b>B-99</b>  |
| <b>B-95A</b> | <b>B-97A</b> | <b>B-99A</b> |
| <b>B-96</b>  | <b>B-98</b>  |              |
| <b>B-96A</b> | <b>B-98A</b> |              |

Kits contains the following parts:

- 1 Seat
- 1 O-Ring for Seat
- 1 O-Ring for Actuator Shaft
- 1 O-Ring for Pivot Bolt
- 1 Swivel Gasket (2.5")

(Optional ball is P/N 17303000)

#### P/N 80632001 Field Service Kit for B-100 (O/S)

For **B-100** gated wye • Kit contains the following parts:

- 2 Adjustable Seats
- 2 O-Rings for Adjustable Seat
- 2 O-Rings for Outlet Adapter
- 2 O-Rings for Actuator Shaft
- 2 O-Rings for Pivot Screw

(Optional ball is P/N 17304000)

#### P/N 80633001 Field Service Kit for B-100A (O/S) (Pre '93)

For **B-100A (O/S) (not B-90 series)** gated wye • Kit contains the following parts:

- 2 Adjustable Seats (Elk-O-Lite)
- 2 O-Rings for Adjustable Seat
- 2 O-Rings for Outlet Adapter
- 2 O-Rings for Actuator Shaft
- 2 O-Rings for Pivot Screw

(Optional ball is P/N 17304000)

O/S has two notches on the aluminum seats

#### P/N 80947001 Field Service Kit for B-100 or B-100A (N/S)

For **B-100A (N/S)** gated wye • Kit contains the following parts:

- 2 Self-Adjusting Seats (UHMWPE)
- 2 O-Rings for Self-Adjusting Seat
- 2 O-Rings for Outlet Adapter
- 2 O-Rings for Actuator Shaft
- 2 O-Rings for Pivot Screw

(Optional ball is P/N 17304000)

N/S has smooth plastic seats

Available B100B/B100A handles: P/N 80121004 (knob), P/N 36313001 (molded urethane), P/N 36313100 (forged aluminum), and P/N 36319001 (short tab).

\*Changing from one handle style to another may require additional parts.