



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" ValveKit P/N 8042600 **12891** 1.5" ValveKit P/N 80427001
- 891** 1.5" ValveKit P/N 8042700 **12892** 2.0" ValveKit P/N 80428001
- 892** 2.0" ValveKit P/N 8042800 **12893** 3.0" ValveKit P/N 80421001
- 893** 3.0" ValveKit P/N 8042100 **12896** 2.5" ValveKit P/N 80326001
- 896** 2.5" ValveKit P/N 8032600 **B-94** 2.5" ValveKit 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 11736001zinc 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" ValveKit P/N 81105001
- 2920** 2.0" ValveKit P/N 81106001
- 2925** 2.5" ValveKit P/N 81107001
- 2930** 3.0" ValveKit 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:

- | | |
|---------------------------|--------------------------------|
| 1.5" – 3.5" valves | 4" Valves |
| 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 |
| EB15/EB20 | P/N 65476000P/N 65477000 |
| EB25 | P/N 65478000P/N 65479000 |
| EB30/EB35 | P/N 65480000P/N 65481000 |
| EB40 | 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-95 | B-97 | B-99 |
| B-95A | B-97A | B-99A |
| B-96 | B-98 | |
| B-96A | B-98A | |

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.