



**WARNING**  
**THIS NOZZLE IS NOT CONSIDERED TO BE EXPLOSION PROOF. USE IN AN EXPLOSIVE OR FLAMMABLE ENVIRONMENT MAY RESULT IN SEVERE INJURY OR DEATH.**

ITEM	PART NO.	DESCRIPTION
1	CP1325-SS	Cap, Stainless Steel
2	SPARE PART KIT No. AB10000AUH-03-VI-KIT	O-Ring, Viton®
3		Seat Insert, Stainless Steel
4		O-Ring, Viton®
5		Plunger Sub-Asb., Type 18-FM & 302 St. Steel with Viton®Insert
* 6		Spring, Type 302 Stainless Steel
7		Cover Body, NPT Version, Type 18-FM Stainless Steel Cover Body, BSPT Version, Type 18-FM Stainless Steel
8	SPARE PART KIT No. AB10000-ELEC-VI-KIT	O-Ring, Viton®
9		O-Ring, Viton® (2 Required)
10		Coil, 24VDC, Glass-Filled PPS with NY Encapsulation
* 11		Electrical Connector, M8 - 3 Pole (Pico Size)
* 12		Socket Hd. Screw & O-Ring Sub-Asb., St. Steel & Viton (2 Required)
13		Inlet Body, 1/8 NPT, Type 18-FM Stainless Steel Inlet Body, 1/8 BSPT, Type 18-FM Stainless Steel
● 14	50699-5-PVC	Cable Cordset, M8 - 3 Pole (Pico size), Straight Female, PVC

**Notes:**  
 If AA(B)10000AUH-03-EPR is ordered, replace all -VI with -EPR in part numbers  
 ● 50699-5 Cable is available in Polyurethane (PUR) as an option.  
 { Replacement springs can be ordered in packs of 10 with part number AB50691-SS-PKG  
 \* { Replacement M8 Electrical Connectors can be ordered in packs of 5 with part number AB50686-VI-PKG  
 { Replacement Socket Head Screws can be ordered in packs of 20 with part number AB72417-1/2-SSVI-PKG

Wiring Instructions

1. From Cable Cordset (Item 14), connect the blue and brown wires to signal device. The black wire is not used, and can be cut back.
2. The two wires may be connected to either of the signal device's outputs. Polarity is not important.
3. Use of a high speed "fly back" diode may be required to help prevent reverse bias current feeding back to signal device.

Rebuild Instructions for Spare Part Kit AB10000AUH-03-VI-KIT

1. Remove Cap (Item 1), and UniJet Tip from Cover Body (Item 7).
2. Unscrew Seat Insert (Item 3) with O-rings (Items 2 and 4) from Cover Body, and allow Plunger (Item 5) and Spring (Item 6) to fall free.
3. Inspect and replace worn items.
4. Place both O-rings on Seat Insert, and slip Spring on Plunger.
5. Insert Plunger and Spring into Nozzle, and replace Seat Insert by screwing into Cover Body.
6. Replace UniJet Tip, and Cap.

Rebuild Instructions for Spare Part Kit AB10000-ELEC-VI-KIT

1. Remove two Screws (Item 12) from Inlet body (Item 13), and pull away from Cover body.
2. Disconnect Coil (Item 10) from Connector (Item 11), and unscrew Connector from Inlet body.
3. Replace O-rings (Items 8 & 9) in the Cover body and Coil.
4. Replace new Connector into Inlet body, then attach Coil to Connector.
5. Replace the Inlet body components into the Cover body, and use new Screws to assemble to the Cover body.

**DESCRIPTION:**  
 AA10000AUH-03  
 &  
 AAB10000AUH-03  
 PULSAJET® 10000  
 AUTOMATIC  
 SPRAY NOZZLE



**Spraying Systems Co.®**  
 Spray Nozzles and Accessories  
 P.O. Box 7900 - Wheaton, IL 60187-7901

Rev. No. 10	<b>MAINTENANCE INSTRUCTION NO.</b> <b>10000AUH-03</b> SHEET ---- OF ----
Ref. ----	