



ITEM	PART NO.	DESCRIPTION	
1	CP15168-IENP	Jam Nut, Steel-Electroless Nickel Plated	
2	CP14933-SS	Screw, Stainless Steel (2 Req'd)	
3	CP15166-1-IZP	Coil Cover, Steel, Zinc Plated	
4	CP38073-IENP	Armature Stop, Steel-Electroless Nickel Plated	
5	CP15163-NYB	Coil Assembly, Nylon Encapsulated (Black)	
6	CP14927-4-IZP	Strap, Steel, Zinc Plated	
7	CP15169-SS	Washer, Type 302 Stainless Steel	
*	8	CP38076-302SS	Spring, Type 302 Stainless Steel
9	CP38074-NYB	Upper Diaphragm Housing, Nylon-Glass Filled (Black)	
10	CP38072-IENP	Armature, Steel-Electroless Nickel Plated	
*	11	CP14813-1-IENP	Retaining Ring, Steel-Electroless Nickel Plated
*	12	CP14818-EPR	Diaphragm, EPDM Rubber (2 Req'd)
	13	CP25678	Seat Washer Retainer, Brass (2 Req'd)
*	14	CP14802-1-EPR	Seat Washer, EPDM Rubber (2 Req'd)
	15	CP14811	Spacer, Brass (2 Req'd)
16	CP21672-1-PPB	Body, Polypropylene (Black) For Model AA144F-1-3 (NPT)	
	CPB21672-1-PPB	Body, Polypropylene (Black) For Model AAB144F-1-3 (BSPT)	
17	CP21674	Stem, Brass	
18	CP15162	Lower Diaphragm Piston, Brass	
19	CP38075-NYB	Lower Diaphragm Housing, Nylon-Glass Filled (Black)	
20	CP14804-3-IZP	Bottom Plate, Steel, Zinc Plated	
21	CP21673-SS	Screw, Stainless Steel (4 Req'd)	
22	CP21737-NYB	Connecting Nipple, Nylon (Black) Use Only For Multiple Units	

No. AA144F-1-3, Three-Way Directo Valve By-Pass Valve (NPT Conn.)

No. AAB144F-1-3, Three-Way Directo Valve By-Pass Valve (BSPT Conn.)

PK-AB144A-1-3-KIT, Spare Parts Kit (Includes All Items Marked With \*)

**DESCRIPTION:**  
AA(B)144F-1-3  
THREE-WAY SOLENOID OPERATED  
BY-PASS DIRECTOVALVE®



**Spraying Systems Co.®**  
Spray Nozzles and Accessories  
P.O. Box 7900 - Wheaton, IL 60189-7900

Rev. No. 1

Ref.

Parts List No.  
**PL 144F-1-3**  
SHEET OF