



ITEM	PART NO.	DESCRIPTION
1	CP15168-IENP	Jam Nut, Steel-Electroless Nickel Plated
2	CP14933-SS	Screw, Stainless Steel (2 Req'd)
3	CP15166-I	Coil Cover, Steel- Nitrotec Finish
4	CP38073-IENP	Armature Stop, Steel-Electroless Nickel Plated
5	CP15163-NYB	Coil Assembly, Nylon Encapsulated (Black)
6	CP14927-3-I	Strap, Steel- Nitrotec Finish
7	CP15169-2-302SS	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 (Standard) 2 Req'd
12**	CP14818-VI	Diaphragm, Viton (Optional) 2 Req'd
13	CP25678-SS	Seat Washer Retainer, Stainless Steel (2 Req'd)
14*	CP14802-1-EPR	Seat Washer, EPDM Rubber (Standard) 2 Req'd
14**	CP14802-VI	Seat Washer, Viton (Optional) 2 Req'd
15	CP14811-SS	Spacer, Stainless Steel (2 Req'd)
16	CP21672-1-PPB	Body, Polypropylene (Black) For Model AA144A-1-3 (NPT)
	CPB21672-1-PPB	Body, Polypropylene (Black) For Model AAB144A-1-3 (BSPT)
17	CP21674-SS	Stem, Stainless Steel
18	CP15162-SS	Lower Diaphragm Piston, Stainless Steel
19	CP38075-NYB	Lower Diaphragm Housing, Nylon-Glass Filled (Black)
20	CP14804-1-I	Bottom Plate, Steel-Nitrotec Finish
21	CP21673-SS	Screw, Stainless Steel (4 Req'd)
22	CP21737-NYB	Connecting Nipple, Nylon (Black) Use Only For Multiple Units

No. AA144A-1-3, Three-Way Directo Valve By-Pass Valve (NPT Conn.)  
 No. AAB144A-1-3, Three-Way Directo Valve By-Pass Valve (BSPT Conn.)  
 No. AA144A-3-3, Three-Bank Three-Way Directo Valve By-Pass Valve (NPT Conn.)  
 No. AAB144A-3-3, Three-Bank Three-Way Directo Valve By-Pass Valve (BSPT Conn.)

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

**DESCRIPTION:**  
 AA(B)144A-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 144A-1-3**  
 SHEET OF