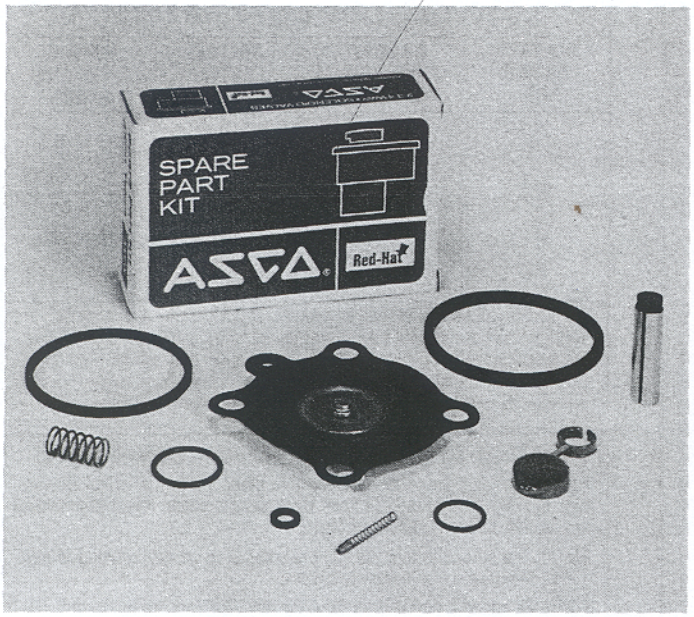
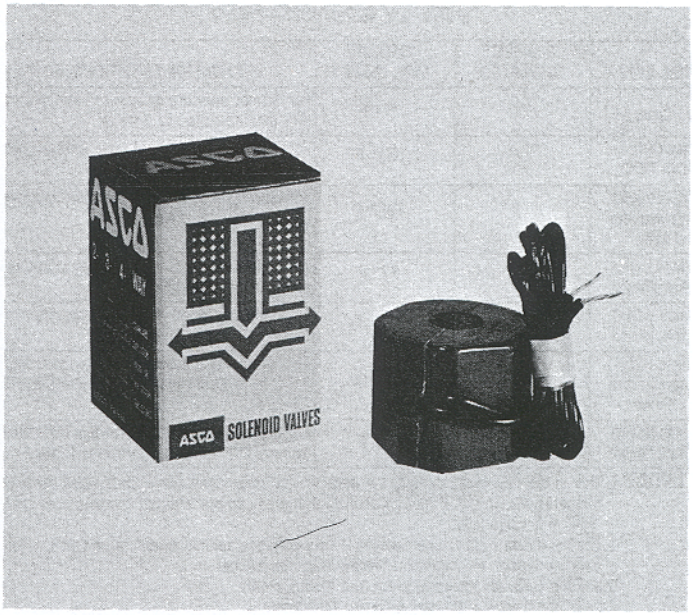
SPARE PARTS KITS
REPLACEMENT COILS AND ACCESSORIES
FOR ASCO SOLENOID VALVES

KITS AND COILS

Form No. V-5192 AR4





SPARE PARTS KITS

Kits contain all necessary internal operating parts with gaskets, "O" rings, etc.

REPLACEMENT COILS

Coil types available are listed under coil classification Figure 1 (over)

FOR KIT OR COIL NUMBER REFER TO VALVE CATALOG OR SUPPLY VALVE CATALOG NUMBER, SERIAL NUMBER AND VOLTAGE

FOR CONVENIENCE, USE THE HANDY ORDER BLANK BELOW

ASCO Valves
Automatic Switch Co. FLORHAM PARK, NEW JERSEY

ORDER BLANK

***To:* AUTOMATIC SWITCH CO.**

DISTRICT OFFICE, SALES REPRESENTATIVE OR ASCO AUTHORIZED STOCKING DISTRIBUTOR

For the address of the office nearest you, refer to the white pages of your telephone directory under ASCO or Automatic Switch Co.

AUTOMATIC SWITCH CO. Florham Park, N. J. 07932

NAME

STREET ADDRESS

ITY STATE

SHIP VIA

SIGNED

DATE: ORDER NUMBER

PLEASE SEND THE FOLLOWING:

QUANTITY	SPARE PARTS KIT	REPLACEMENT COIL

ACCESSORIES

VALVE CATALOG NO.

SERIAL NO.

VOLTAGE

ASCO Valves
Automatic Switch Co. FLORHAM PARK, NEW JERSEY

FORM NO. V-5192 AR4 PRINTED IN U.S.A. 1974

SOLENOID VALVE COIL DATA

COILS

ASCO®

Form No. V-5192 AR4

COIL CLASSIFICATION

COIL TYPE	GRADE OF INSULATION	AMBIENT TEMP. (NOTE 1)	APPLICATION CONDITIONS (NOTE 2)
Class A	A	77° F	For normal pressure or ambient temperatures (For molded coils see Note 3)
Class F (FT) High Temp.	F	167° F	For high ambient or fluid temperatures (Notes 3 & 5)
Class F (FB) Intermediate Power	F	122° F	For higher valve pressure ratings, high ambient or fluid temperatures (Note 3)
Class F (FF) High Power	F	77° F	For higher valve pressure ratings at normal ambient temperatures (Note 3)
Class H (HT) High Temp.	H	212° F	For Higher ambient or fluid temperatures than Class F (Notes 4 & 5)
Class H (HB) Intermediate Power	H	167° F	For higher valve pressure ratings, plus higher ambient or fluid temperatures than Class F (Note 4)
Class H (HP) High Power	H	77° F	For higher valve pressure ratings than Class F, at normal ambient temperatures (Note 4)

NOTES:
1. This is the maximum ambient temperature for continuous duty. Coils rated for ambient temperatures of 77° F may be employed in areas where ambient temperatures reach 104° F occasionally.
2. The maximum fluid temperature will vary between solenoids and valve types, refer to catalog listings for maximum temperature limitations.
3. Molded coils are moisture proof and fungus proof.
4. Coils are fungus proof and radiation resistant.
5. Suitable for 24, 120, 240, 480 volts, A-C 60 HZ (or 50 HZ in 110 volt multiples)

Fig. 1

CONTINUOUS DUTY RATING

VOLTAGE RATING A-C	NORMAL OPERATING RANGE	VOLTAGE RATING D-C	NORMAL OPERATING RANGE
24	22-24	6	5.1 - 6.3
120	110-120	12	10.2 - 12.6
240	220-240	24	20 - 25
480	440-480	120	102 - 126

All ASCO valves are tested to operate at 15% under the nominal voltage and are capable of operating for short periods at 10% over the nominal voltage. For wider voltage ranges than shown above, a different coil must be used.

Fig. 3

INSTRUCTIONS FOR REPLACING COIL

Turn off electric power supply and line pressure to the valve. Disconnect the coil lead wires. Remove the solenoid cover. Disassemble and reassemble in order shown in Fig. 2.

NOTE: The solenoid must be fully reassembled as the housing is part of and completes the magnetic circuit.

NOTE: To change from Alternating Current (A-C) to direct Current (D-C) or reverse, it is necessary to change the complete solenoid.

Fig. 4

ACCESSORIES

Please send information on the following:

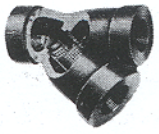
☐ STRAINERS

☐ SPEED CONTROL VALVES

Maintenance Instructions for ASCO valves will be gladly furnished. To request copies, specify the valve catalog number.

STRAINERS

Remove dirt and pipe scale from the line to reduce friction and provide longer life for equipment.



SPEED CONTROL VALVES

For controlling cylinder piston speeds. Used with ASCO 3 and 4 way solenoid valves.

EXPLODED VIEWS

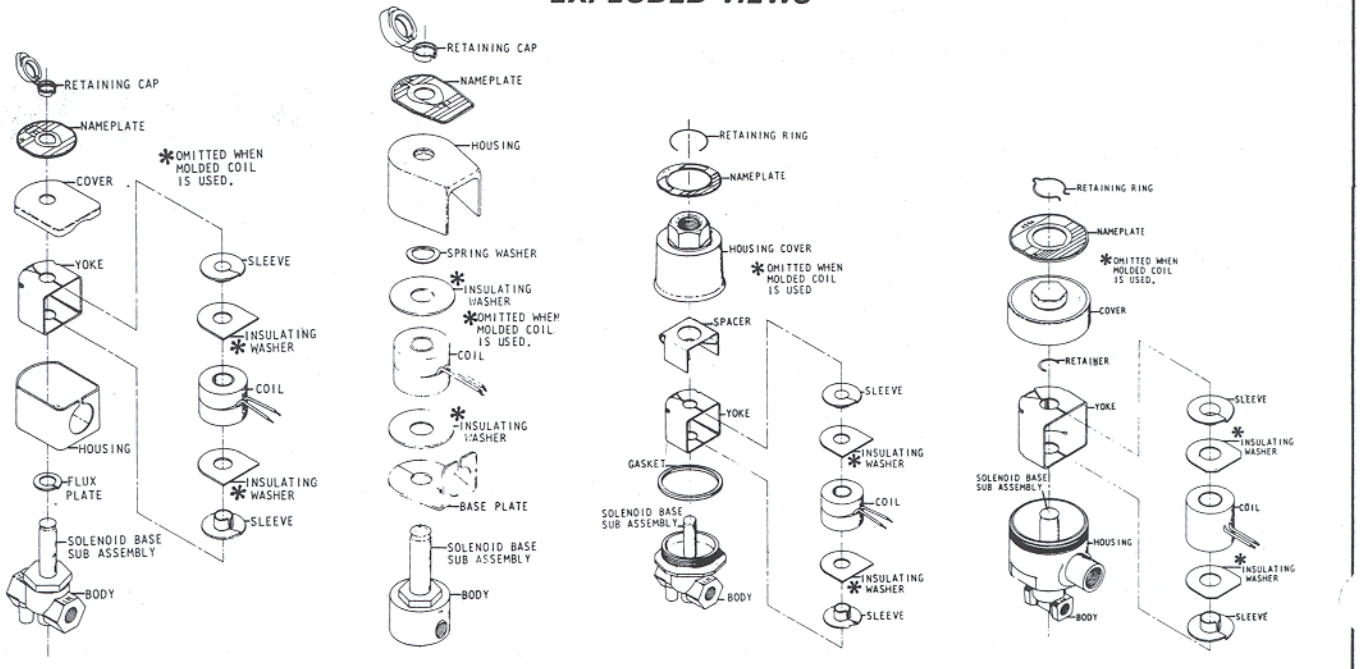


Fig. 2