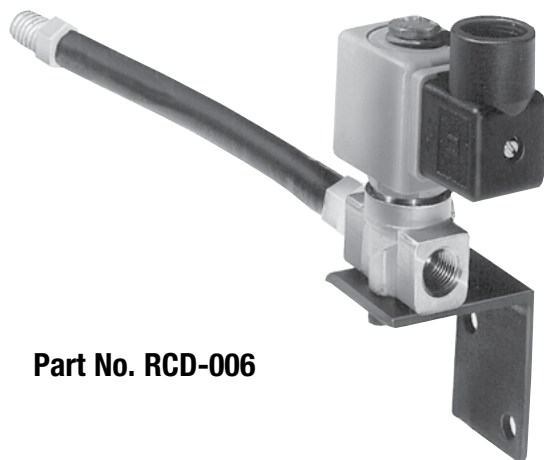




## SOLENOID AIR VALVE ASSEMBLY INSTALLATION MANUAL



**Part No. RCD-006**

### DESCRIPTION

**Part No. RCD-006 Solenoid Air Valve Assembly** consists of the following parts:

**Solenoid Valve**—Three-way normally closed, quick exhaust with 120V, 60HZ operating coil(1)

**Connector**—90° female with ½" conduit hub (1)

**Mounting Bracket**—Angle type with four drilled mounting holes (1)

**Valve Mounting Screws**—Socket head type (2)

**Valve Mounting Lock Washers**—External tooth type (2)

**Flexible Rubber Hose With Fittings**—

6" length (1) (When solenoids are furnished to operate gate assemblies or furnished as a replacement part, the hose is not supplied.)

### INSTALLATION

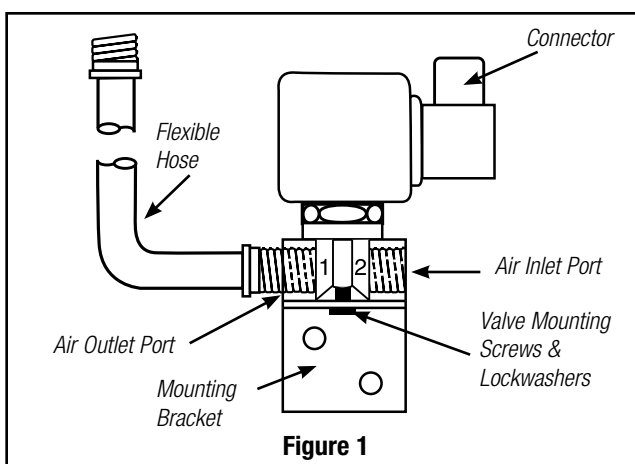
A packing list is always enclosed showing exactly what material was shipped on this order. Please check the components actually received against this packing list immediately.

Assemble the mounting bracket to the base of the valve and orient this assembly so that the air outlet port marked "1" on the valve body points toward the air cylinder and is within reach of the flexible hose. Next attach the hose to the No. 1 port on the solenoid valve and mount the valve assembly on the machine frame allowing sufficient flexibility to accommodate cylinder movement (see Figure 1).

*Note: It is extremely important to use the rubber hose provided for the connection between the solenoid valve and the air cylinder. It provides the necessary flexibility, size, and length for proper exhaust of cylinder air. These are all required for successful machine operation for trip control on a full revolution clutch mechanical power press.*



**This air valve requires clean air. Blow all lines clean of dirt, scale, etc., before making final connection.**



**Figure 1**

### WIRING

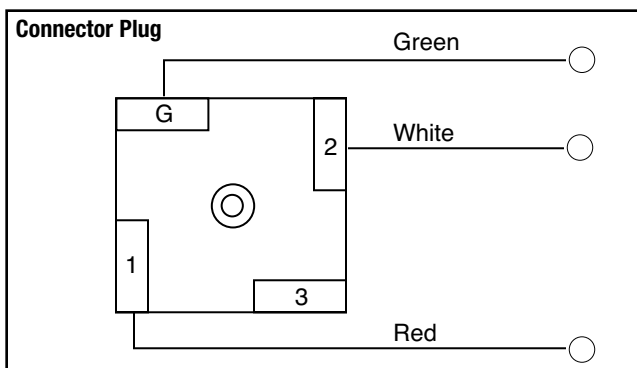
Please refer to the control schematic for proper wire numbers.

Run one red wire to No. [1] terminal.

Run one white wire to No. [2] terminal.

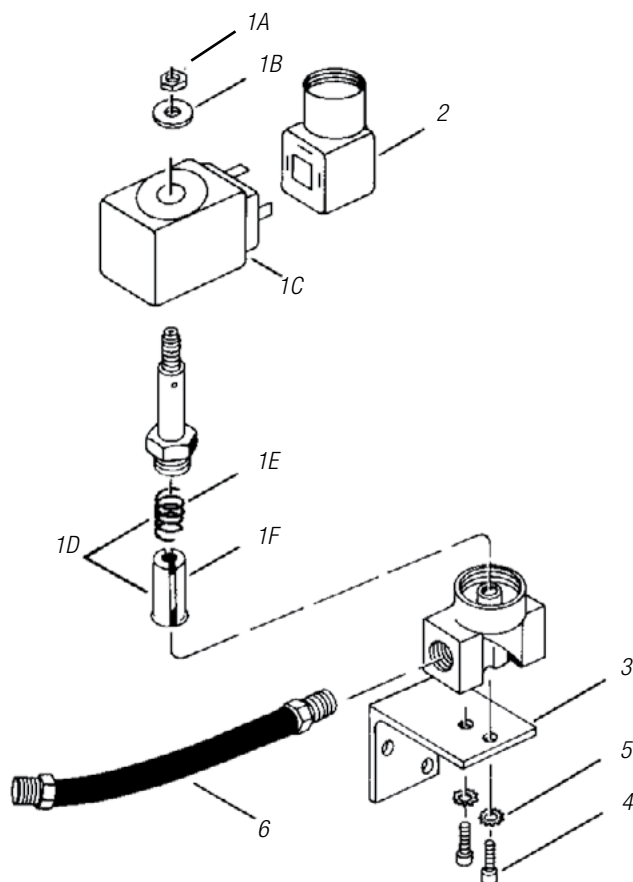
Run one green wire to No. [G] terminal.

*Note: No. [3] terminal is **not** used.*



# REPLACEMENT PARTS

## Solenoid Air Valve



Item	Part No.	Description
1	<b>RCD-047</b>	Solenoid Valve
1A	—	Nut - Metric Thread M20 x 1
1B	—	WaveWasher
1C	<b>RCD-004</b>	Coil - 120V, 60Hz
1D	<b>RCD-016</b>	Plunger Repair Kit including Parts 1E - Spring and 1F - Plunger Body
1E	—	Plunger Spring
1F	—	Plunger Body
2	<b>RCS-037</b>	Connector
3	<b>RCD-011</b>	Mounting Bracket
4	<b>FSC-019</b>	Cap Screw (2) 10-24 x 3/8" Socket Head
5	<b>FST-510</b>	Lock Washer (2) No. 10 External Tooth
6	<b>RCS-009</b>	Hose - Flexible (6" Long)



This equipment is specifically chosen for this application and must not be replaced except by an exact replacement. If repairs are required, use only the above referenced parts.

## WARRANTY, DISCLAIMER AND LIMITATION OF LIABILITY

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