

# Instruction Bulletin

Replaces 65013-012-58D 09/1997

## Contact Kit with Diaphragm, Class 9998 Type PC242 For Use on Pressure and Float Switches, Class 9013 Type F; 9035 Type D; 9036 Type D; 9037 Type D, E, and H; and 9038 Type A, B, C, D, and J

Retain for future use.

### Kit Contents

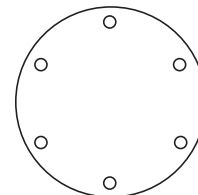
Refer to Table 1 for kit contents.

**NOTE:** The diaphragm (shown in Figure 1) is for use with pressure switches only.

Table 1: Kit Contents

Quantity	Part
1	Stationary contact block with 2 mounting screws
2	Movable contact assemblies
2	Movable contact guide pins
2	Cotter pins
1	Diaphragm (for pressure switches only)
2	Movable contact spring

Figure 1: Diaphragm



### Installation

- Determine the device style of the contact carrier. Refer to Figures 2 and 4.
- Follow the instructions for the appropriate contact carrier style.
- Confirm the proper operation of the switch after replacing the contacts or diaphragm.

#### Cotter Pin Style

##### Replacing the Contacts

- Remove the two contact block mounting screws and the stationary contact block.
- Remove the cotter pins and the movable contacts. Retain the guide pins and the cup washers for use with the new contacts.
- Install the new contacts and springs to the old cup washers and guide pins. The large end of the spring goes in the cup washer. See Figure 3.
- Install the assemblies into the contact insulator, then add the new cotter pins.
- Install the new stationary contact block on the frame. Torque the screws to 8–12 lb-in.

Figure 2: Cotter Pin Style Contact Carrier

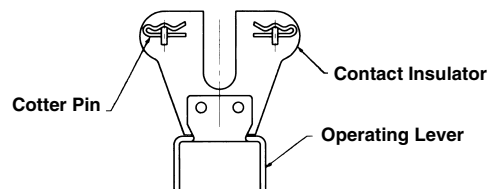
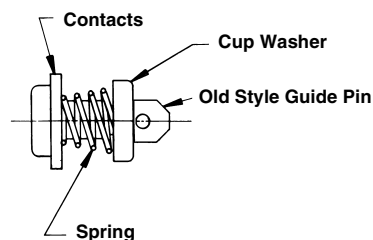


Figure 3: Installing New Contacts and Springs



**⚠ DANGER**

**HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH**

Turn off all power supplying the switch before servicing or installing this kit.

**Failure to follow these instructions will result in death or serious injury.**

## Spring Style

With conical spring and cup washer, or  
with barrel spring and no cup washer

### Replacing the Contacts

1. To release the movable contacts, press the end of the contact guide pin with a screwdriver or similar instrument as shown in Figure 5 until it snaps free from the contact insulator. (Release both guide pins in this manner.)
2. Remove the two contact block mounting screws, then remove the stationary contact block assembly. See Figure 5.
3. Remove the movable contacts, contact springs, cup washers (if present), and guide pins. Retain the old cup washers for use with the new contacts.
4. To install the new movable contacts, insert the new guide pin first into the movable contact, then into the spring and the cup washer (if present). The large end of the spring goes in the cup washer. See Figure 6 for the correct orientation.
5. Snap the guide pin assemblies into the contact insulator.
6. Install the new stationary contact block assembly with the two mounting screws. Torque the screws to 8–12 lb-in.

### Replacing the Diaphragm (Pressure Switches Only)

Replace the diaphragm (Figure 1 on page 1) as follows:

1. Turn the device upside down and remove the six flange screws, the flange, and the old diaphragm. Discard the old diaphragm.
2. Align the new diaphragm with the tapped holes in the frame, then re-install the flange and the six flange screws.
3. Torque the flange screws to 10–12 lb-in.

Figure 4: Spring Style Contact Carrier

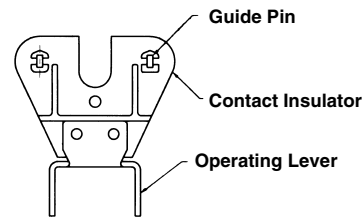


Figure 5: Removing Old Contacts

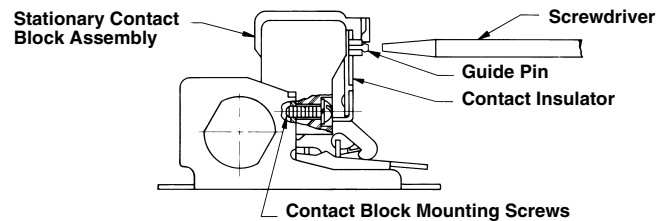


Figure 6: Installing New Contacts—Conical Spring

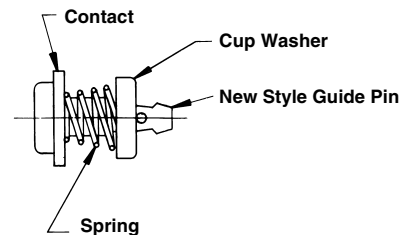


Figure 7: Installing New Contacts—Barrel Spring

