Heavy Duty, Treadle Operated

Description
This treadle-operated foot switch has two precision unit switches. Each of these has a normally open and a normally closed circuit. The switch, as shipped, is set up for three-position spring return of the treadle lever. The cam block may be rotated to provide either two- or three-position maintained contact. See back side for Cam Positioning instructions.

Installation
This foot switch may be mounted in any convenient position. When installed, it will give a long service life with a minimum amount of maintenance. Four stamped function nameplates are included with the switch: “Start,” “Stop,” “Forward,” and “Reverse.” Mount the two plates which best suit the application.

Adjustment
This switch does not require adjustment or readjustment.

Renewal Parts
When ordering renewal parts, give this Document No. Z74, Item No., Description, Quantity, Part No., and the Complete Number stamped on the label.

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description of Part</th>
<th>No. Req.</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Case Complete (includes items 4 and 12)</td>
<td>1</td>
<td>SD0316900</td>
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<tr>
<td>2a</td>
<td>Switch - SPDT</td>
<td>As Req.</td>
<td>1950-1-B-A-00</td>
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<tr>
<td>2b</td>
<td>Switch - DPDT</td>
<td>As Req.</td>
<td>1950-4-B-A-00</td>
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<td>2c</td>
<td>Air Switch</td>
<td>As Req.</td>
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<tr>
<td>3</td>
<td>Pin</td>
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<td>4</td>
<td>Bearing</td>
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<td>5</td>
<td>Shaft</td>
<td>1</td>
<td>M0651400</td>
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<td>6</td>
<td>Spring</td>
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<td>Sleeve</td>
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<td>8</td>
<td>Spring pin 5/32&quot; dia. x 1/2&quot; long</td>
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<td>Roller</td>
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<td>Plunger</td>
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<td>Cam Block</td>
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<td>12</td>
<td>Bearing</td>
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<td>Sealing Washer</td>
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<td>Treadle Level</td>
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<td>Cover Complete (includes item 20 and cover screws) With Shield Without Shield</td>
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<td>SD0317600 SD0316800</td>
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<td>Spring</td>
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<td>Bracket</td>
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<td>19</td>
<td>Flat Head Screw #10-32 x 7/8&quot;</td>
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<td>20</td>
<td>Gasket</td>
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</table>
Cam Positioning
Item 11 (Fig. 1 and Fig. 2) illustrates the three available cam faces that control the treadle positions. When the switch leaves the factory, the cam is assembled for three-position spring return. This is shown on the left face of Figure 1. The right face of Figure 1 is for two-position maintained contact. The left face of Fig. 2 is for three-position maintained contact.

To Change Cam Positions
(Fig. 3) Remove the screw in the center of the cam block. Lift the cam block straight up. Allow the cam follower to rise with the block. When the cam block is up as high as it will go, tip it as shown in Fig. 3 and remove. Turn the cam block to provide the desired face as described on Cam Positioning paragraph above. Install the cam block observing the procedure described above.

Lubrication
This limit switch was lubricated at the factory and should not require lubrication for the life of the switch.