# replacement parts industries, inc.

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*"The Alternate Source"*®

## MICROSWITCH KIT
## RPI Part #SCK007
## Installation & Usage Instructions

### THE RPI ADVANTAGE

The OEM microswitch is held in place with two small slotted pan head screws which are difficult to access. The compressor must be removed in order to remove these screws. The RPI microswitch comes with two Socket Head Cap Screws (RPI Part #ADS120) which are easy to install or remove when using the Hex Balldriver (5/64") (RPI Part #RPT297). The Hex Balldriver is designed to reach far into the autoclave to easily remove the screws, even at an angle, and without having to remove the compressor **(see Figure 1)**. *Caution: Disconnect the power to the autoclave before servicing and be sure the steam generator/boiler has completely cooled.*

**NOTE -** Microswitch Kit (RPI Part #SCK007) includes (2) #2-56 x 1/2" lg. Socket Head Cap Screws (RPI Part #ADS120) and (2) #2 Split Lockwashers (RPI Part #RPH253). The screws and lockwashers are also available separately and can be used with the OEM switch.

### INSTRUCTIONS

Apply Adhesive RTV108 (RPI Part #RPA874) to side of switch and mount to probe bracket angle. Apply a sealing bead of Adhesive RTV108 around switch housing to close off any leak paths between the switch and bracket. Allow Gasket Maker to thoroughly dry. Run a test cycle and watch for steam leaks.

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**NOTE -** Steam leaks can cause damage to the microswitch and other internal components.

- Inspect and clean cassette seal and cassette.
- Confirm that the cassette seal port holes are not damaged and that they are properly aligned within the cassette lid groove.
- Inspect and clean steam ports on probe bracket. If you observe excess debris that is not easily removed or if the steam ports appear to be worn or damaged, remove probe bracket for proper evaluation.

Use our Alignment Tool (RPI Part #SCT052) to quickly and easily align probe bracket steam ports to cassette seal port holes.

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## FIGURE 1



**TIP -** *Apply Adhesive RTV108 (RPI Part #RPA874) to side of switch and mount to probe bracket angle. Apply a sealing bead of Adhesive RTV108 around switch housing to close off any leak paths between switch and bracket.*

**Probe Bracket Angle**

**Hex Balldriver (5/64")**
**(RPI Part #RPT297)**

**Socket Head Cap Screw**
**(RPI Part #ADS120)**

**Lockwasher**
**(RPI Part #RPH253)**

**Microswitch Kit**
**(RPI Part #SCK007)**
*Includes Mounting Hardware (RPI Part #'s ADS120 & RPH253)*