

**SL-VCMA**

Single-Latch Vertically Compliant Manual Actuator

# *Maintenance and Inspection*

## Guide

*The Right Contacts®*

**Johnstech®**

# *Johnstech Mission Statement*

## *To Provide*

The worldwide market with superior micro-contact interfacing solutions by providing customers with high-value results through the development, introduction, and enhancement of advanced technologies.

## *To Be*

An employer of choice by providing a challenging and fulfilling work experience to our employees, while recognizing and rewarding excellence.

## *To Continue*

To develop an organization that ensures sustainable, consistent results and optimum growth.

## *About Johnstech*

Johnstech International Corporation is a leading provider of interconnect solutions for semiconductor manufacturers. Our unique approach to semiconductor test and test interfaces has proven to be an important asset to semiconductor manufacturers requiring higher first pass yields and lower cost of test in this rapidly changing industry.

Johnstech's high performance test contactors are based on our patented technology and provide superior electrical and mechanical performance. Solutions are available for Pad, Leaded, Edge, and other packages. Johnstech also partners with handler, tester, and load board manufacturers to ensure appropriate interfaces. Johnstech provides service and support worldwide.

Founded in 1990, the company's patented technology was introduced to the market in 1992.

Johnstech is headquartered in Minneapolis, Minnesota. It has sales and support offices in the United States, Europe, Japan, Korea, Taiwan, China, and Southeast Asia (Singapore, Malaysia, Thailand, Philippines).

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*For further assistance or questions about anything contained within this Maintenance and Inspection Guide, fill-out our Tech Help form at:*

*[www.johnstechhelp.com](http://www.johnstechhelp.com)*

*All forms will be responded to within two business days.*



## ***SL-VCMA Procedure***



Leadbacker

O-Ring

## ***SL-VCMA***

### ***Introduction***

The Single-Latch Vertically Compliant Manual Actuator (SL-VCMA) is a clamshell style manual actuator used with Johnstech Pad Series contactors on selected housings.

The SL-VCMA has an O-Ring located underneath the knob of the manual actuator. The purpose of the O-Ring is to hold the leadbacker in place.

### ***Replacement of the O-Ring and/or leadbacker***

#### ***Step 1: Prepare the SL-VCMA***

Rotate the knob to the TEST position.

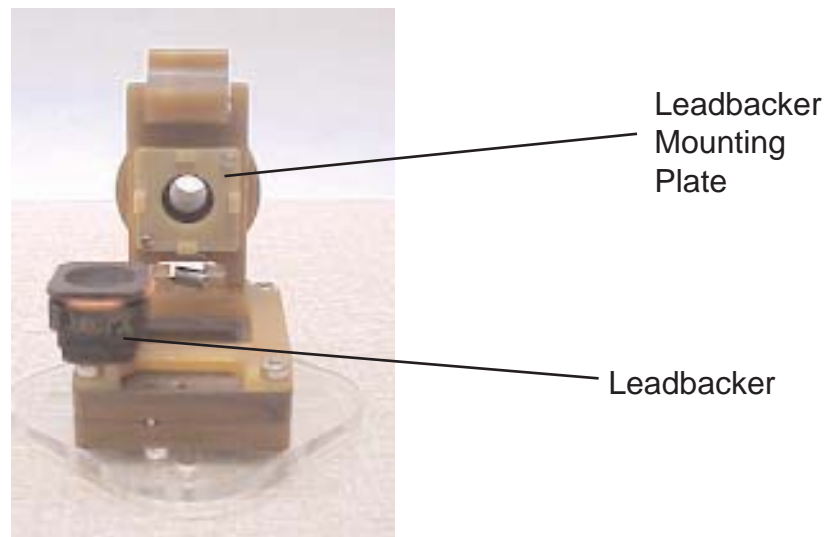
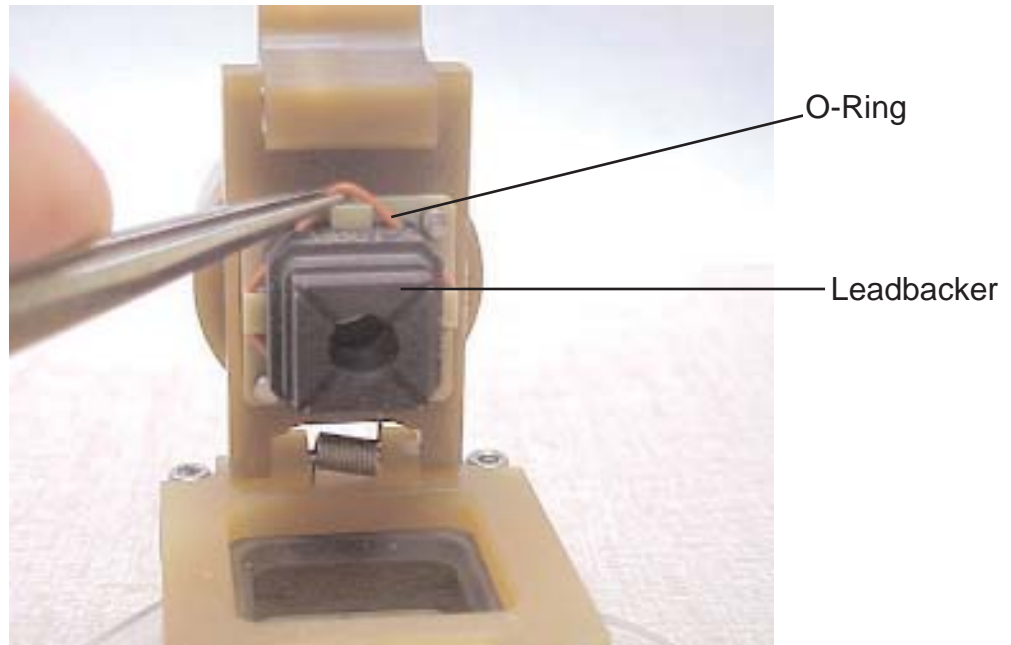
## ***SL-VCMA***

## ***SL-VCMA Procedure***

### ***Step 2: Remove the O-Ring and/or Leadbacker***

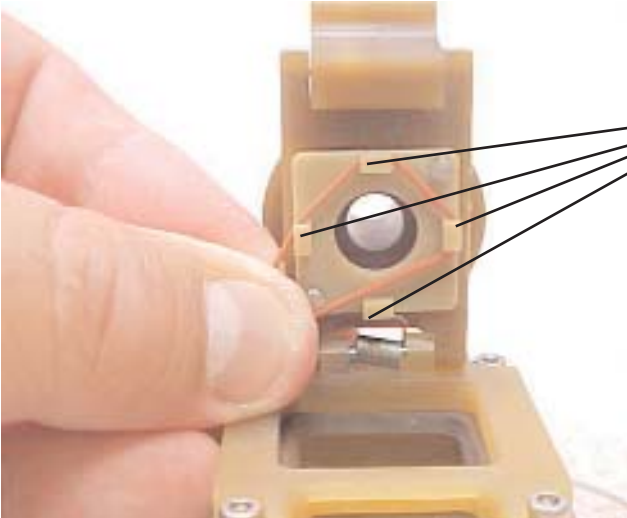
With a fine-tip tweezers or other appropriate tool, carefully lift the O-Ring off the Leadbacker Mounting Plate hooks and remove the Leadbacker.

***Caution:*** Care must be taken not to nick or cut the O-Ring with the tool.



***SI-VCMA Procedure***

***SL-VCMA***



Leadbacker  
Mounting  
Plate Hooks

***Step 3: Install the O-Ring***

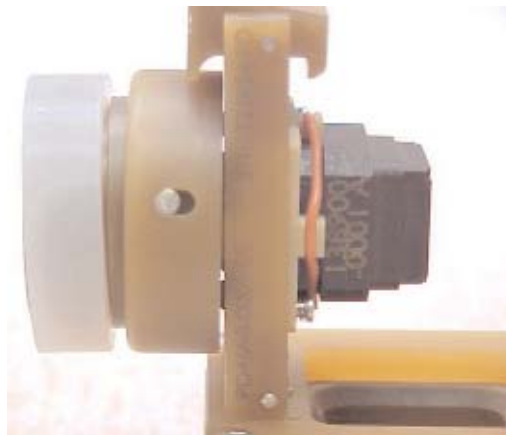
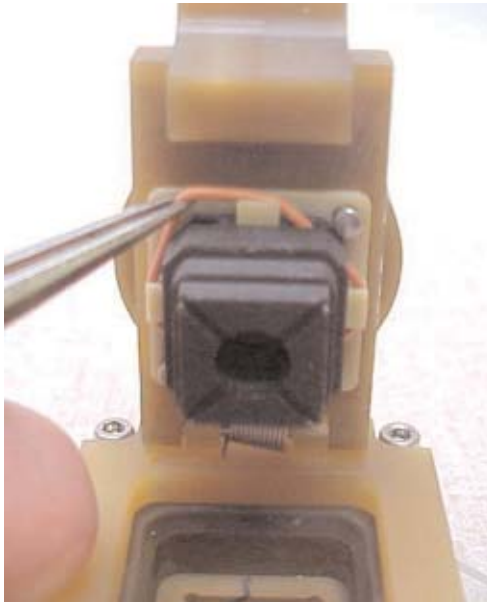
To replace the Leadbacker, mount your new O-Ring on the Leadbacker Mounting Plate hooks as shown.

***Important:*** Make sure the knob is rotated to the TEST position.

## Step 4: Install the Leadbacker

With a fine-tip tool, carefully work the new O-Ring into the grooves on the Leadbacker.

The replacement of the O-Ring and/or Leadbacker is now complete. The SL-VCMA is now ready to use.





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