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## TECHNICAL SERVICE BULLETIN

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### **SEALING BAR FOR MVS SERIES VACUUM MACHINES**

(MVS-31, MVS-41, MVS-45, 45-II, 45-L, 45-L-II, MVS-48, 48-DV, MVS-50, MVS-65)

#### **How to check/diagnoss if seal bar is not cutting/sealing?**

1. Confirm seal time value set on the control panel.

2. Pop out seal bar



a. check continuity between wire clamp screw on each end of seal bar (point A to point H)  
if no continuity, check for breakage along the wires.



b. check continuity between each clamp and the stem next to it (point A and B, also point G and H)  
if no continuity, check condition of wire between the clamp and the stem  
(wire AC, also wire JH)



4. Check continuity between top of bladder stem (in the tub) and connector screw on the bladder (under the tub)  
(point D and E, also point K and L)

if no continuity, check condition of wire in the bladder from the stem to the connector screw  
(wire FE, also wire LM)



5. Check wire connection to the bladder underneath the tub (point N to E, also point P to L)

6. Check if there is voltage going in to the contactor (measure between point U and V) (except for MVS-31)

7. Manually engage sealing contactor and check for voltage coming out from sealing contactor (except for MVS-31)  
(measure between point S and T)
8. Manually engage sealing contactor and check voltage going into sealing transformer (except for MVS-31)  
(measure between point Q and R)
9. Manually engage sealing contactor and check voltage coming out from sealing transformer (except for MVS-31)  
(measure between point N and P)

**CONTINUITY AND VOLTAGE TEST POINTS**

