

SECTION 5 MAINTENANCE

5.1 TROUBLESHOOTING

Vibraswitches do not normally require any maintenance or repair; however, listed below are some of the possible malfunctions that may occur and their recommended solutions (Ref.: Figure 4-1).

A) Vibraswitch will not reset

- 1- Dirt and/or iron metal chips on magnets - clean magnets.
- 2- Broken leaf spring - (Ref. Figure 4-1). Return the Vibraswitch to the factory for repair.
- 3- Open reset coil - check for continuity and proper coil resistance (Ref.: Table 5-1).

Table 5.1 - Coil Resistance

Voltage (AC or DC)	Space Heater Resistor (Ohms)
48 VDC	230
24 VDC	50
120 VAC	Check for continuity (Diode prevents actual resistance reading)
117 VAC	840

B) Unable to Adjust Setpoint Setting to Obtain Tripping

Improper air gap between Holddown (lower) Magnet and Armature. Return the Vibraswitch to the factory for repair.

C) Switch Does Not Actuate

1- Defective switch - verify by manually moving the Armature to the latched (tripped) position and listen for an audible click for the switch. Verify contact by performing a continuity check.

2- Switch improperly positioned - The switch plunger should be just free of the Armature when in the set (untripped) position.

NOTE If the switch does not pass either of the tests above, return the Vibraswitch to the factory for repair.

Vibraswitch

900SA645 SERIES

**Model 366-D Mounted In A
Crouse-Hinds Enclosure**

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