

## **Tool Setter - LVDT Cleaning.**

### **Equipment.**

Alcohol.  
Cotton swab.  
Permanent marker pen.

### **Purpose.**

LVDT maintenance after air contamination.

### **Tolerance.**

None.

### **Method.**

1. Disconnect the LVDT from the air supply.
2. Make a permanent mark on the probe tip end cap, and the body of the LVDT for alignment.
3. Remove the three screws from the probe tip end cap, and remove. Be careful not to drop the probe tip and shaft.
4. Remove the probe tip and shaft, note orientation.
5. On the core end of the shaft, there should be a mark that lines up with the only screw hole that is aligned with one of the sides of the square hole. If there is not, make a mark with a permanent marker pen.
6. Soak the cotton swab in alcohol, clean the inside of the LVDT, and the probe tip shaft.
7. Re-assemble noting reference marks.
8. Check axial stiffness.