

Tool Setter - LVDT Stiffness.

Equipment.

Force Gage (0 to 10 gram).
Special Fixture.

Purpose.

To set or test LVDT force.

Tolerance.

None.

Method.

1. Make a mark on the body of the LVDT, to reference its position in the tool setter casting.
2. Move the LVDT in the tool setter casting to ensure the orifice screw and exhaust is accessible.
3. Adjust the orifice screw until a force of between 1g and 2g is measured. (If the orifice screw is loose, apply a **small** amount of small thread lock to the threads.
4. Reset the LVDT back to its original position, and lock the clamp screw. **Do not over tighten the clamp screw.**
5. Retest with the force gauge.