

Service of the Tom Thumb

The Thumb has been designed to require minimal service with very few replaceable items. The gauge and blow-off valves should be checked at least every 12 months or when the gauge at zero pressure reads outside the black band.

It is recommended that all "O" rings should be replaced every 2-3 years.

If the gauge is removed a once-only diamond washer

Pt.No. 9901-28 must be replaced. .

DO NOT RE-USE DIAMOND WASHER

The over pressure Blow-off valve is factory pre-set and sealed so adjustment by the user is not recommended.

The variable blow-off valve has no user re-placeable parts or parts that should suffer from wear and should not be dismantled or adjusted.

There are various fixed maximum safety blow-off valves pre-set at 20,30,40,& 50 cms H²O to a tolerance of +/- 5cms H²O

The variable valve is accurate to +/- 1 cm H²O

The Gauge- is accurate to +/- 1cms H²O if the reading is within the black band at zero.

If problems with the valve are suspected return to Viamed.

Recommended Service Spares

| | | |
|--------------------------|---------|---------|
| Gauge | 9901-15 | |
| Hose assembly & 02 probe | | 9901-16 |
| Service Kit - | TT500 | |

Includes

| description | Quantity | Part Number |
|----------------------|----------|-------------|
| "O" ring seals 1/8in | (4) | 4701-13 |
| "O" ring Main valve | (1) | 4701-18 |
| "O" Main valve | (2) | 4701-64 |
| Diamond washers | (2) | 9901-28 |
| Gauge Face | (1) | 9901-32 |

Most of the items on the Tom Thumb are not position related and can be easily moved.

The following should be noted:-

The Flowmeter can only be used in one position.

The adjustable valve should always be mounted vertical upwards and the fixed blow-off valve should always be fixed vertical downwards.

After reconfiguration the unit should be tested before use.