

Assembly instructions for Adjustable Valve 9901-18.

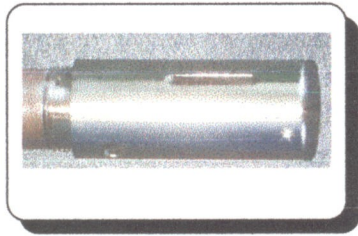


FIG 1

Insert P/N 9901-04 into P/N 9901-08 as per Fig 1
Screw until Just Visible
through slot in 9901-08

Screw 9901-10 onto the end
of 9901-09.

Lightly grease
the thread of 9901-09 and
the slotted groove.

Stand 9901-09 upright.

Slid 9901-09 into 9901-08
and screw 9901-13 into
9901-10 tighten until
9901-09 can turn finger tight
i.e. not loose.

Insert spring 9901-26
Grease the spindle of
9901-12

Slot 9901-12 into 9901-09
through the spring.

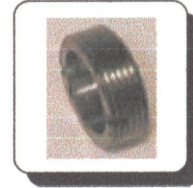
Hold 9901-12 in place while
attaching 9901-11

Insert the 3 holding screws
9901-14 into 9901-08

Attach O Ring P/N 4701-13
to P/N 9901-11

Valve is ready to be
calibrated.

9901-04
Adjustable Collar



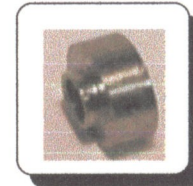
9901-08
Valve Body



9901-09
Adjustable Screw



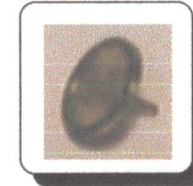
9901-10
Internal Stop



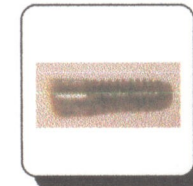
9901-11
Valve Seating



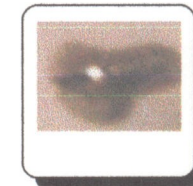
9901-12
Valve Seat



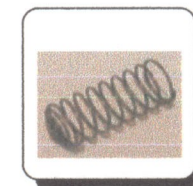
9901-13
Side Screw



9901-14
Securing Screw



9901-26
Adjustable Valve Spring



Calibration Instructions for Adjustable Valve 9901-18

Attach 9901-18 to Test Block

Turn adjustment on the valve (P/N 9901-09) until the side pin touches the top of the valve.

Set flowmeter to 10 lpm.

Block test gauge output with finger to take readings.

Gauge Should read <5 at first.

Adjust valve until required setting is reached. (As set by customer)

Stop the flow.

Remove 9901-11, 9901-12, 9901-26 from Valve - Ensure adjustment screw 9901-09 is not moved.

Tighten internal stopper 9901-04 until it touches 9901-10.

Re-grease spindle (P/N 9901-12) and re-assemble valve.

Set flow to 10 Lpm

Check Valves maximum setting is correct (As set by customer) - If setting is incorrect repeat calibration from beginning.

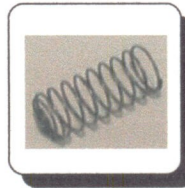
Affix Label to top of adjustable valve specifying pressure it has been calibrated too.



9901-11



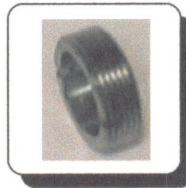
9901-12



9901-26



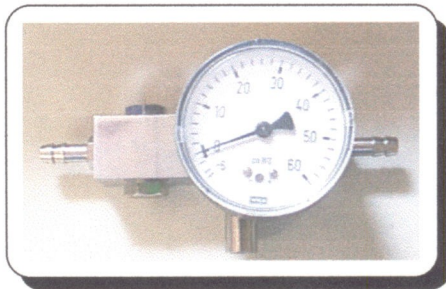
9901-09



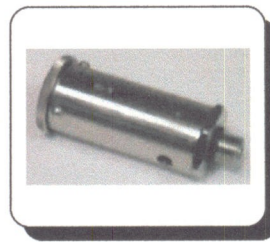
9901-04



9901-10



Tom Thumb Test Block



9901-18 (Adj. Valve)

Calibration Instructions for Adjustable Valve 9901-18

Attach 9901-18 to Test Block

Turn adjustment on the valve (P/N 9901-09) until the side pin touches the top of the valve.

Set flowmeter to 10 lpm.

Block test gauge output with finger to take readings.

Gauge Should read <5 at first.

Adjust valve until required setting is reached. (As set by customer) ie. 30Lpm,40Lpm.

Stop the flow.

Remove 9901-11, 9901-12, 9901-26 from Valve - Ensure adjustment screw 9901-09 is not moved.

Tighten internal stopper 9901-04 until it touches 9901-10.

Re-grease spindle (P/N 9901-12) and re-assemble valve.

Set flow to 10 Lpm

Check Valves maximum setting is correct (As set by customer) - If setting is incorrect repeat calibration from beginning.

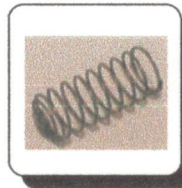
Affix Label to top of adjustable valve specifying pressure it has been calibrated too.



9901-11



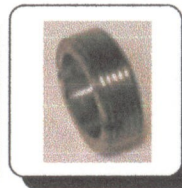
9901-12



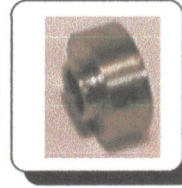
9901-26



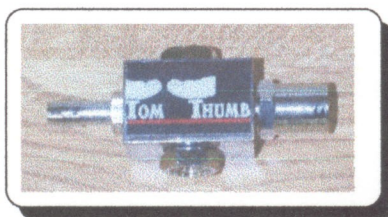
9901-09



9901-04



9901-10



Tom Thumb Test Block



Test Guages



9901-18 (Adj. Valve)