

## **MANIFOLD INSTALLATION AND OPERATING INSTRUCTIONS**

### **TWO GAUGE MANIFOLD - INVENTORY NO. 820217**

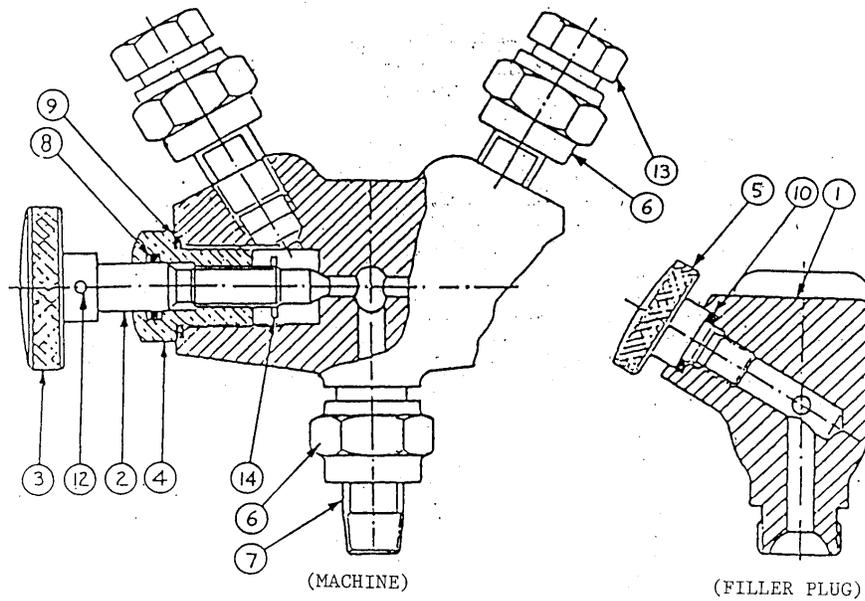
Use of a manifold facilitates operation of the Mullen® Tester in different pressure ranges. Two (2) different range gauges can remain connected to the tester and used alternately.

#### **1. INSTALLATION INSTRUCTIONS:**

- a. Remove the present gauge using a 5/8" wrench, engaging the flats provided for this purpose, located on the gauge stem.
- b. Use thread or wrap Teflon tape around the threaded area of the manifold pipe end.
- c. Insert the Manifold pipe end in the "Gauge Connection Body", leaving the filler plug side in the upward position.
- d. Attach the gauges to the Manifold.
- e. Add tester fluid and purge the tester and gauges of air. Refer to the instructions captioned "Purging Air from the Tester and Gauge", Steps 10 through 17b.

#### **2. OPERATING INSTRUCTIONS:**

- a. Remove pressure from the system. Open both valves shown as (3) in Drawing #25041-1/4. All gauges should read zero.
- b. Close the valve on the gauge which is **NOT** going to be used for testing. This prevents over-pressurizing low range gauges. Also, more accurate readings are obtained. The expansivity of a multiple gauge system affects the rate of pressurization, thereby altering ultimate burst strength readings. By using only one (1) gauge at a time, expansivity effects are minimized.
- c. Perform tests according to standard procedures.



### MANIFOLDS

ATGC-110X - TWO-GAUGE / INV. NO. 820217

ATGC-115X - THREE-GAUGE MANIFOLD / INV. NO. 820219

<u>ITEM NO.</u>	<u>INV. NO.</u>	<u>DESCRIPTION</u>	<u>2-GAUGE QTY REQ.</u>	<u>3-GAUGE QTY REQ.</u>
1	820216	ATGC-110 MANIFOLD BODY	1	----
1	820218	ATGC-115 MANIFOLD BODY	----	1
2	820209	FTGC-104 VALVE STEM	2	3
3	820056	FTGC-305 VALVE STEM KNOB	2	3
4	820211	FTGC-106 VALVE STEM GUIDE	2	3
5	820207	FTGC-102 FILLER PLUG	1	1
6	820204	FTGC-68 COUPLING NUT	3	4
7	820203	FTGC-67 SWIVEL SEAT	3	4
8	820722	S-7-9 "O" RING	2	3
9	820724	S-7-13-115 "O" RING	2	3
10	820721	S-7-8-110 "O" RING	1	1
12		10-32 X 3/8" LG SET SCREW	2	3
13	820205	FTGC-72 CONNECTOR	2	3
14		ROLL PIN	2	3