

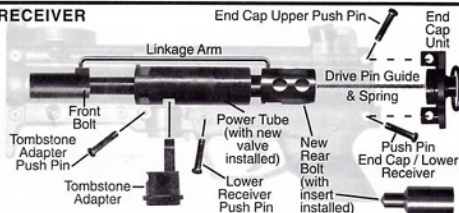
1) □ INSTALL NEW VALVE INTO POWER TUBE

- 1) □ Keep the notches for Tombstone aligned and insert new valve with o-ring in place and oiled.
- 2) □ Insert Tombstone to check power tube/valve alignment.



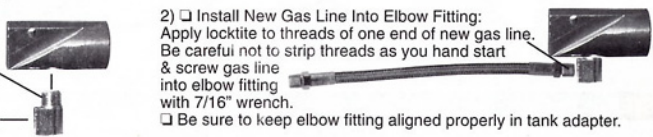
□ REINSTALL DRIVE ASSEMBLY PARTS INTO UPPER RECEIVER

- 1) □ Assemble front bolt, power tube (with new valve installed); new bolt (with oiled o-ring in place and bolt insert inside); and hold together with linkage arm positioned into top of front bolt and rear bolt as shown.
- 2) □ Insert reassembled parts until Tombstone adapter can be inserted and velocity screw can be accessed. (You may need to jiggle marker while sliding parts in). With Tombstone adapter inserted, insert push pin to hold Tombstone adapter in place.
- 3) □ Insert drive spring & drive pin, end cap unit and top end cap push pin.
- 4) □ Reinstall lower receiver to upper receiver and insert 2 lower receiver push pins to secure.



□ ASSEMBLE NEW GAS LINE, 90° ELBOW AND TANK ADAPTER:

- 1) □ Apply locktite to threads of new 90° elbow and be careful not to strip threads as you hand start & screw elbow into tank adapter with 1/2" wrench.
□ Align elbow fitting as shown.
- 2) □ Install New Gas Line Into Elbow Fitting: Apply locktite to threads of one end of new gas line. Be careful not to strip threads as you hand start & screw gas line into elbow fitting with 7/16" wrench.
□ Be sure to keep elbow fitting aligned properly in tank adapter.



□ INSTALL REGULATOR HOOK-UP, LOW PRESSURE CHAMBER, GAS LINE AND REGULATOR

1) □ INSTALL REGULATOR HOOK-UP:

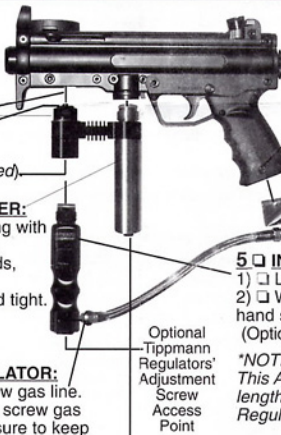
- 1) □ Align threads into front grip nut.
- 2) □ Align top to fit into receiver slot.
- 3) □ Start Hook-Up bolt into front grip nut with 1/4" socket (don't tighten until specified).

2) □ INSTALL LOW PRESSURE CHAMBER:

- 1) □ Lubricate low pressure chamber o-ring with gun oil.
- 2) □ While being careful not to strip threads, insert through Hook-Up and hand start & screw into Tombstone adapter until hand tight.
- 3) □ Complete Tightening Hook-Up with 1/4" socket.

3) □ ATTACH NEW GAS LINE TO REGULATOR:

- 1) □ Apply locktite to threads on end of new gas line.
- 2) □ Be careful not to strip threads as you screw gas line into Regulator with 7/16" wrench. Be sure to keep 90° elbow fitting aligned properly in tank adapter.



4) □ ATTACH TANK ADAPTER TO LOWER RECEIVER:

- 1) □ Align tank adapter into lower receiver and
- 2) □ Insert receiver bolt, with 1/8" allen wrench to complete tank adapter installation.

5) □ INSTALL REGULATOR* INTO HOOK-UP

- 1) □ Lubricate regulator o-ring with gun oil.
- 2) □ While being careful not to strip threads, hand start & screw into Hook-up until hand tight. (Optional Tippmann Regulator shown)

*NOTE: Install regulator of your choice. This A-5 Low Pressure Kit contains gas line length for installing optional Tippmann Regulator part # H-VR(BL).

REGULATOR TUNING / SETUP

If you do have a pressure gauge:

- 1) Set input pressure to 325 psi by adjusting regulator. (Adjust Tippmann Regulator screw with 3/32" allen wrench.)
- 2) Adjust velocity screw to desired velocity.

If you do not have a pressure gauge: (A chronograph will be required for this setup)

- 1) Screw velocity screw all the way in.
- 2) Back the velocity screw out 4 1/2 turns.
- 3) Set input pressure so approximately 280 fps is achieved by adjusting the regulator. (Adjust Tippmann Regulator screw with 3/32" allen wrench.)
- 4) For different velocities adjust velocity screw from there.



OPTIONAL PRESSURE GAUGE: Part # 02-101

NOTE: Marker must be prepared for safe disassembly as per STEP 1 before pressure gauge installation or removal.

- 1) □ To install optional pressure gauge first remove 1/8" Pipe Plug from bottom of low pressure chamber.
- 2) □ Clean threads of low pressure chamber.
- 3) □ Put locktite on threads of pressure gauge then while being careful not to strip threads, hand start & screw in until tight.

NOTE: IF YOU HAVE A RESPONSE TRIGGER KIT ON YOUR A-5:

You will need to contact Tippmann Pneumatics at 260-749-6022 for the following parts which will be shipped to you free of charge.

- 1) New 1/8" Banjo "T" fitting
- 2) New Flow Control with 1/8" Barb Fitting.