OPERATING INSTRUCTIONS
SCREW CAP COMBO VALVE

NOTE: VALVE BODY IS STATIONARY. ONLY THE CAP TURNS

TO CONNECT TUBING: Push 3/16" ID fluoropolymer tubing over end of stem (Figure 1), or attach compression fitting, after cutting off tapered end of stem. Vinyl or Silicone tubing is not recommended, due to leachables.

TO OPEN VALVE: Turn cap counter-clockwise 1/2 turn only (Figure 2). Use raised, round bump on top side of cap as a reference point. When valve is open there is a gap of approximately 1/16" between cap and top of valve body.

TO CLOSE VALVE: Turn cap clockwise until you feel additional resistance. Cap does not contact valve body. There is a slight space between cap and valve body when cap is closed (Figure 3).

TO TAKE A SYRINGE SAMPLE: Use only Point Style #5 needle (with Cone Tip and Side Port hole) to pierce septum. Insert needle through hole in cap, approximately 3/4" into valve body (Figure 4). Do not use Needle Point Style #1, #2, or #3.

TO REPLACE SEPTUM: Turn cap open until it contacts the cap stop. Then push tab attached to bottom OD of cap slightly outward with a small flat screwdriver, so it clears the cap stop, and remove cap (Figure 5). Insert a small diameter rod (i.e. a paper clip) into hole on top of cap to push out the septum (Figure 7). Insert new septum into the valve cap with the shiny side facing the bag (Figure 8). Push new septum into place using the end of valve stem. Thread cap back onto valve.

NOTE: Screw Cap Combo Valve septa are made of ultra-low bleed silicone with a PTFE fluoropolymer face on the side next to the gas bag.