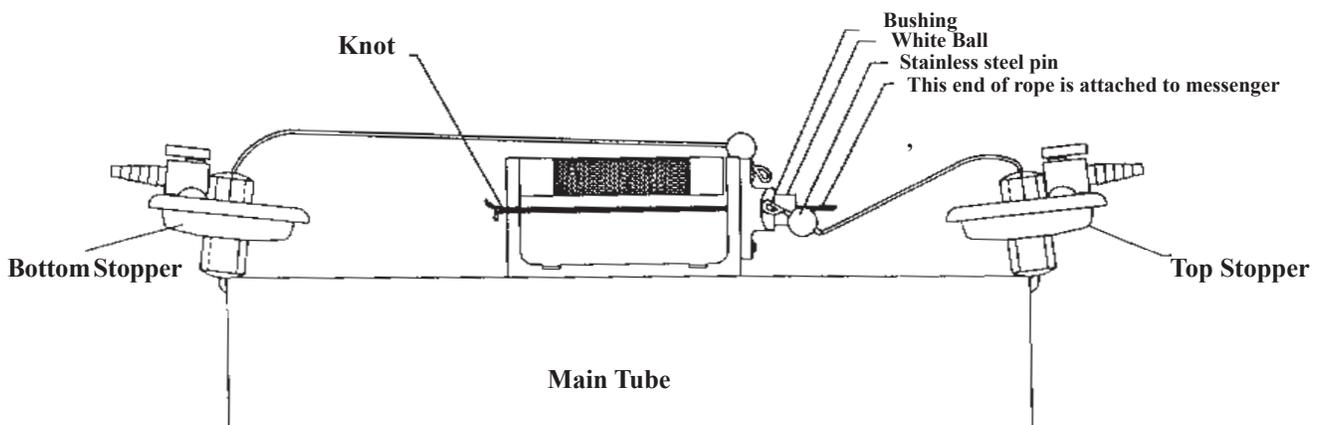


Operating Instructions for 1960-1980 Vertical Beta™ Bottles

- The bottle release mechanism is designed to be used *only* in a *non-series* operation mode.
- A messenger is required to activate the trip. Wildco® recommends an 11 oz. messenger (such as **45-B10**) unless there is a very long air drop and the bottle is close to the surface of the water, in which case a lighter-weight messenger may be desirable, along with **45-B40** Shock Absorber.
- **Do not use a messenger heavier than 11 oz!** Damage to your sampler may result.

Procedure:

1. Make a preliminary inspection prior to use of the bottle. Close the air vent and the drain valve.
2. Place the bottle so that the bushing on the trip mechanism is on the top of the handle.
3. Run a line or cable through the hole in the trip assembly and knot the line or secure the cable so that it cannot pull back through the hole. It must be securely fastened to hold the weight of the bottle when filled with the sample.
4. Find the two stainless steel (SS) pins in the trip assembly. One pin is about 1/4" above the plastic trip assembly, and the other one is covered by an "ear" which is part of the trip assembly.
5. Grasp the round, white ball on the cable assembly. Pull the stopper out of the end of the main tube. With the other hand, depress the bushing on the trip assembly so the loop in the cable can be inserted between the main body of the trip assembly and the bottom of the "ear." Then release the bushing. This will lock the top stopper in the open position.
6. Hook the other cable loop on the pin which projects above the plastic trip assembly. The bottle is now in the "SET" position.
7. Lower the bottle to desired depth in the water, keeping the line taut. Pull the bottle sideways to obtain a water sample for the desired depth. Drop the messenger down the line. It will strike the tripping mechanism, causing the cables to release and the stoppers to close, trapping the sample inside the bottle.



Warranty and Parts:

We replace all missing or defective parts free of charge. All products guaranteed free from defect for 90 days. This guarantee does not include accident, misuse, or normal wear and tear and applies to original purchaser only.

P/N 031872

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Recommended Accessories:

- **45-B10** 11 oz. split messenger
- **45-B40** messenger shock absorber
- Line, cable and chain. We recommend 5 mm (3/16") dia line, or 3 mm (1/8") dia cable
- Winches and winch mount
- **910-G22** Molded Plastic Utility Case, Large
- Hand reel

Vertical Beta™ Bottles 1960-1980

Warning: Test before you sample!

We recommend that any new sampler be thoroughly cleaned prior to any sampling. In the event you are performing chemical sampling, before any sampling is done, first fill the sampler with distilled, contaminant-free water and test to determine what contaminants may be present in the sample.

We also recommend that the above procedure be repeated throughout the sampling season.

Beta™ bottles are not recommended for organic chemical sampling.

<u>Description</u>	<u>1960 Parts</u>	<u>1980 Parts</u>
A. End seals with air/drain valve (each)	1960-L11 (Seals) 1120-L37 (Drain valve)	1960-L11 (Seals) 1120-L37 (Drain valve)
B. Tubing Assembly	1960- L33	1980-L33
C. Handle	1120-L122	1120-L122
D. Cable Assembly (2 pack)	1960-L125	1980-L125
E. Trip Assembly	1120-L130	1120-L130
A, B, D, 014 & 018 Center Assembly	1960-L137	1980-L137
017. Hose Clamp (2 pack)	1160-L17	1160-L17
018. Gasket Kit	1960-L32	1960-L32

