

I had the written directions that someone had sent to me. I made the diagrams and took pictures of the bailer that I made. My measurements may differ from those in the xls file but they should be close enough. I made this with a Dremel tool and made several before this one before I was satisfied with the results. The parts are cheap so practice all you want to. Note that I did not use the pipe with the area made for a wrench but instead used plain grey PVC pipe. If you have any questions please contact me. Jim Faller

The Sailor Bailer Replacement Valve that “SUCKS”

Parts needed - PVC PIPE, O-RINGS & MYLAR SEAL

A 1 x 7/8 x 1/16 - #66 O-ring

B 1 x 7/8 x 1/16 - #66 O-ring

C 1 1/16 x 7/8 x 3/32 - #17 (or 1 1/8 x 7/8 x 1/8) O-ring

D 1 1/4" circle of 1/32 - 1/16" Sheet Mylar or PVC

E 8" x 3/4" ID (1 1/16 OD) PVC pipe

Lowes has PVC pipe with an expanded center section for using a wrench (option-use screw on cap for base).

Cut it in half at the expansion and you have two 4" sections with a base (option - cut section of cap for base).

The base will support the O-ring when it is squeezed up tight against the bailer.

Score pipe 1/32" to keep upper O-rings in place.

Cut with saw and then drill out the rest to configure into bailer valve.

Use PVC adhesive to bond E to pipe.

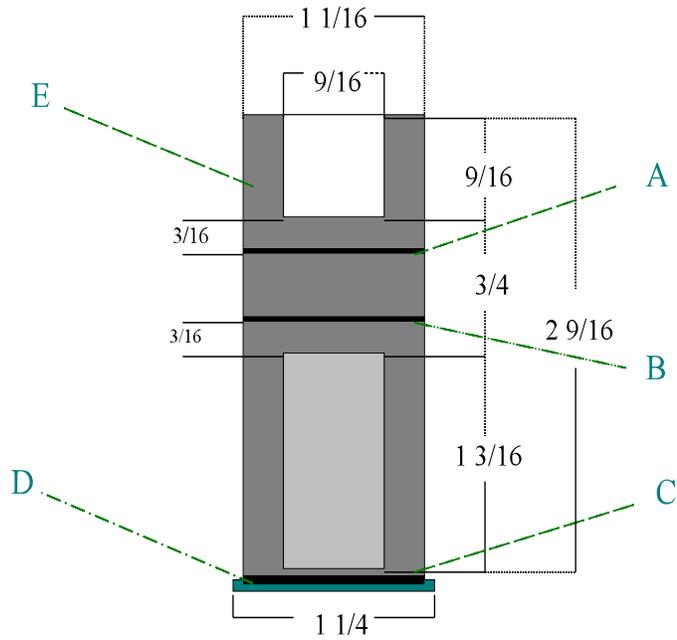
Drill the 1/4" hole 1/32" short and then adjust by reaming until valve locks when turned.

OLD Bailer 1 5/32" ID & Valve 1 1/8" OD

NEW Bailer 1 5/32" ID & Valve 1 1/16" OD

Drawings are not to scale.

FRONT VIEW



SIDE VIEW

