

QB-FS Manual

FAT SPACER FOR THE QB78/79 AIR RIFLE



The **QB-FS** is a spacer designed to provide additional bottle to barrel clearance for the **QB79** air rifle or shroud to gas tube clearance on the **QB78**. The **FS** utilizes the standard breech and raises it above the height of the stock breech moving the breech and barrel higher, The **FS** spacer insures barrel clearance when using standard 2" diameter HPA or Co2 tanks. It is high enough to clear a 1.125" dia shroud when used with a 2" bottle on a **QB79** It is made to be used with the icemaker transfer port mod and with the barrel floated. The spacer is made from CNC machined anodized aluminum.

The kit includes the following

- 1 Front breech mounting screw
- 1 Rear breech mounting screw
- 2 cocking pin (High)
- 1 Fat Spacer

Instructions

Make sure your gun is degassed

Refer to your [QB78/79](#) manual for removing the action from the stock.

You will need to counter bore the transfer port hole on the breech to accept the polytube if not already done. We also suggest double set screwing the breech To float the barrel securely. Dimple the barrel for the second set screw. **If you would like a breech with these mods already done contact us, we usually have them in stock .**

Remove the breech from the gas tube.

Remove the pins from the hammer and the cocking block. Replace with the new pins. The larger diameter goes into the holes. They should slide easily in and out of the holes . . If not chuck them up in a cordless drill and polish the end that goes into the hole by hitting with 200 grit sandpaper while the drill is on. I usually wrap the sandpaper around the pin diameter and squeeze light with my fingers while I run the drill slowly.

Place the spacer on the gas tube and estimate the size of the polytube needed to Go from the valve through the hole in the spacer and into the counter bore on the bottom of the breech. Leave the poly tube a bit longer than necessary so everything gets compressed when screwed together.

Before fully tightening the breech screws test fire (ungassed) and be sure no binding occurs during cocking or firing. It may be necessary to move the breech slightly from side to side on the gas tube to get good alignment.

Don't over tighten the front and rear cocking screws

End View



Qb79 action with spacer installed

