



# **INSTALLING THE HOSE STAND & SPRAY WAND**



## **INSTALLATION MANUAL**

Kit Part Number 517-04-HSV

### **FOR SPRAYER MODELS:**

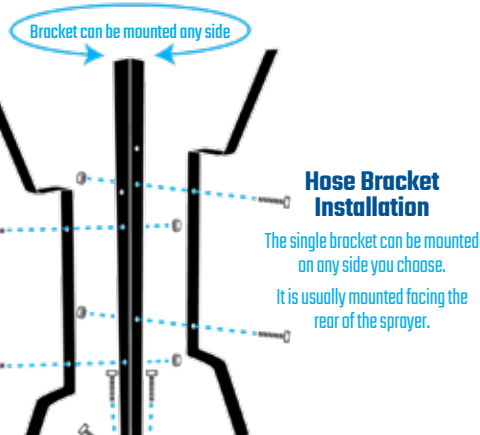
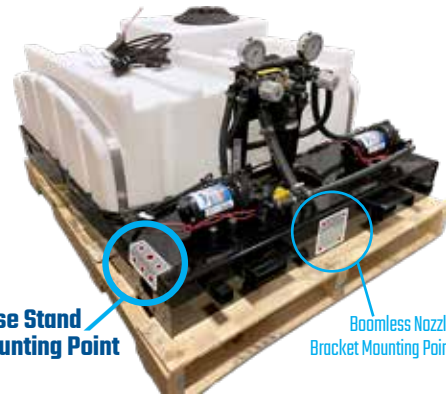
LPSI-B050W, LPSI-B080W, LPSI-B100W  
LPSI-B050Y, LPSI-B080Y, LPSI-B100Y



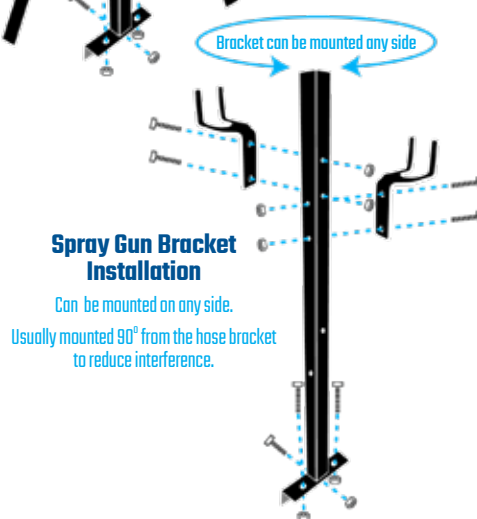
# Installing the Hose Stand

Your sprayer will likely arrive in a few pieces: the assembled sprayer itself, the hand wand, the hose stand or reel, the boomless nozzle bracket, and the Boominator nozzles. The pieces will come with all necessary mounting hardware, they just need to be bolted together and have the hoses attached.

1. **Unbox your hose reel or stand.** You should have the hose stand, 25' of hose, the hand wand, 7 bolts, 7 nuts and 2 hose clamps.
2. You will mount the stand to holes drilled in the left side frame rail, next to the left pump. There are also mounting holes on the right side rail if that makes more sense for your application, but it is generally mounted on the driver's side of the UTV.
3. **Bolt the stand to the frame.** You will insert two bolts through the top holes, and one bolt through the center hole on the side of the bracket. It does not matter if the bolt or the nut faces inside the frame. Whichever is easier for you. Make sure the stand is firmly seated on the frame, then lock the bolts down tightly.
4. **Attach the Hose Bracket.** The hose bracket can be mounted on any side of the stand, but is usually mounted facing the rear of the machine for easy access. The bracket bolts into the bottom two holes on the stand.



5. **Attach the Spray Gun Holder.** This is usually mounted facing the left side of the sprayer to minimize interference, but can be mounted on any open side of the stand. Play around a little bit to see what is most comfortable for you. The gun holder bolts into the top two holes on the stand.



**Congratulations!** Your hose stand is assembled and securely mounted to your sprayer! Now we just have to hook up the hose between the Pressure Control Center and the spray gun.

# Attaching the Hose



You should have a 25 foot section of hose in the box. Installation is simple. Just attach one end of the hose to the upward pointing hose barb on the sprayer (illustrated in orange above) and the other to the hose barb on the hand gun.

1. Slide the supplied hose clamp on the hose, leaving it loose. Lubricate both the inside of the hose and the hose barb itself with a little water or lubricant and slide the hose on the barb.
2. Now slide the hose clamp up so it will clamp down on the hose barb through the hose and tighten it with a screwdriver or nut driver until it is tight.
3. Run the hose to the stand the way you like it. You may decide to add a loose zip tie near the base of the stand to keep the supply hose in place. Coil the hose on the stand like you think you normally will.
4. Hang the gun in its holder and see how you like the way the hose lays as it enters the hose barb on the gun. Trim as necessary. The hose should lay nicely with the gun in its holder, still having plenty of slack.
5. Now attach the end of the hose to the barb on the hand wand. If you order the H30A spray gun, the hose barb fitting may not be attached yet. Screw it into the gun before attaching the hose.

**CONGRATULATIONS!**

**Your hand wand is fully assembled and you are ready to go out and start hand spraying!**

# Using the Spray Gun

On a BENCO sprayer, **the hand wand is run by the LEFT pump**. The hand wand will always be active any time the left pump is running.

For maximum pressure, we recommend using the spray gun without running the left spray tip(s). There is a handy ball valve right under the left pressure gauge that will allow you to shut off liquid flow to the left boom nozzles. Turn the valve's handle perpendicular to the valve body to shut off flow to the left rear boom. To resume spraying with the boom, turn the handle parallel to the valve's body.

However, the spray gun will be active any time the left pump is running, so you do NOT need to shut off the left boom to use the hand wand. Your BENCO sprayer is designed so that you can spot spray with the wand while you are spraying with the boom. You just may not have quite as much reach with the spray gun as you are dividing pressure between the two.

You **may notice the pump surging** on some models when in wand-only spraying mode. This is a normal safety feature of the pump. Surging is the result of the pump turning off and on due to the pressure building up and triggering the pressure safety switch on the pump.

To eliminate surging, adjust the pressure using the left throttling valve until the pressure is under 60 PSI and the surging subsides. Adjusting the pressure regulator adjusts the amount of pressurized water being diverted back to the tank. As long as the pressure doesn't exceed 60 PSI, the pump will keep running.

## SG-2200 Spray Gun

There are several professional quality **spray gun options** available for your BENCO Sprayer. Our newest and most popular is the HP adjustable wand. This hand wand can easily reach out 30+ feet and allows you to adjust the spray pattern from mist to stream from the side of the gun as you spray. This allows easy one-handed operation and prevents getting any chemicals on your hands.



## TeeJet H30A Spray Gun

Another popular option is the trusty TeeJet H30A brass spray wand. This is a perennial favorite, featuring a shut-off at the tip to all but eliminate drips. The adjustable tip is included. Just twist tip itself to adjust from stream to mist.



**BENCO has a variety of professional spray guns to meet any need. Please specify which gun you prefer when ordering your sprayer.**



Manufactured by  
**BENCO Products, Inc.**  
27093 Katie Rd. Tea, SD 57064

605.213.1010  
[www.BencoAg.com](http://www.BencoAg.com)

Rev B.24.01