

Gun Holder (626-508) Installation Instructions

684-050

Tools needed: 1 adjustable wrench, 1 set of Allen wrenches

1. Turn off the air supply to the Gun Flush Box and remove any spray guns from the box.
2. Remove the trigger arm from the Gun Flush Box. The trigger arm is located on the left side of the gun holder (626-508) as you look inside of the Gun Flush Box from the front. It is 6" long and pivots around a bolt mounted through the side of the box. This arm is removed by removing the nut located at it's pivot point. After removing the nut, remove the lock washer and the pivot bushing from the mounting bolt. The trigger arm will then slide out. Gently pull the trigger arm completely out of the Gun Flush Box, leaving the air tubing connected.
3. Remove the side adjustment bolts and washers from the side of the Gun Flush Box. These bolts are located on the right side of the Gun Flush Box as you look at the box from the front. These are the bolts that are attached through the 4" vertical slots.
4. Pull the gun holder completely out through the top of the Gun Flush Box (the mounting bracket will still be attached).
5. Remove the mounting bracket from the old gun holder and attach it to the new gun holder. The mounting bracket is attached by the two bolts that run through the bracket and into the holder. Note that the mounting holes in the new gun holder are offset from each other. This change allows the holder to be mounted at an angle inside of the Gun Flush Box.
6. Place the new gun holder in the Gun Flush Box and loosely attach the side adjustment bolts and washers. Then slide the gun holder in the side adjustment slots to the proper location on the Gun Flush Box. The proper location for the Pro 4500 gun is at the bottom of the slots, while the proper location for Pro 3500 gun is slightly lower than the midpoint of the slots. These locations are scribed on the inside of the box for reference.
7. Tighten the side adjustment bolts. The adjustment bolts should be located as close to the same distance from the bottom of the slots as possible. This will allow the gun holder to sit at an angle in the Gun Flush Box.
8. Mount the trigger arm back inside of the Gun Flush Box by attaching the rotation bushing, lock washer and nut.
9. Verify that the white, "V" shaped block located on the lid of the Gun Flush Box is adjusted to the end of it's slot. This adjustment will allow the block to be as far away as possible from the electrostatic switch on the gun upon closing the lid.
10. To test the new Gun Flush Box and holder follow these steps.
 - A. Open the lid on the gun flush box.
 - B. Locate the 4 bulkhead fittings on the bottom left side of the Gun Flush Box as you look at it from the front. These fittings are labeled "P", "A", "C", and "S".
 - C. Label and remove the air lines that are attached to the "A" and "S" bulkheads. These are push-in type fittings, so push on the base of the fitting before pulling out the air line.
 - D. Turn the air supply back on to the Gun Flush Box. There should be no air rushing out of the open bulkhead fittings.
 - E. Close the lid on the Gun Flush Box (there should not be a gun in the box).
 - F. Verify that there is no air at the "S" bulkhead when the lid on the box is open, but that there is air at the "S" bulkhead when the lid is closed. If this is not the case, then the limit switch located near the lid on the upper right hand corner of the Gun Flush Box needs to be adjusted or replaced.
 - G. Disconnect the atomizing air and the fluid hose from the gun and set the electrostatics switch on the gun to the off position.
 - H. Place the gun in the Gun Flush Box and close the lid on the box .
 - I. Verify that there is no air at the "S" bulkhead, but there is air at the "A" bulkhead when the lid is closed. If this is not the case, then the limit switch located in the white, "V" shaped block on the lid of the Gun Flush Box needs to be adjusted or replaced. The side adjustment slots on the Gun Flush Box may also be used to slightly adjust the gun holder to the optimal position. Also, try bumping the

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gun in the box with the lid closed to make sure that the conditions do not change upon movement of the gun.

- J. Remove the gun from the box and verify that the electrostatic switch is still in the off position.
- K. Repeat steps H - J twenty times before replacing the air lines and beginning operation.