

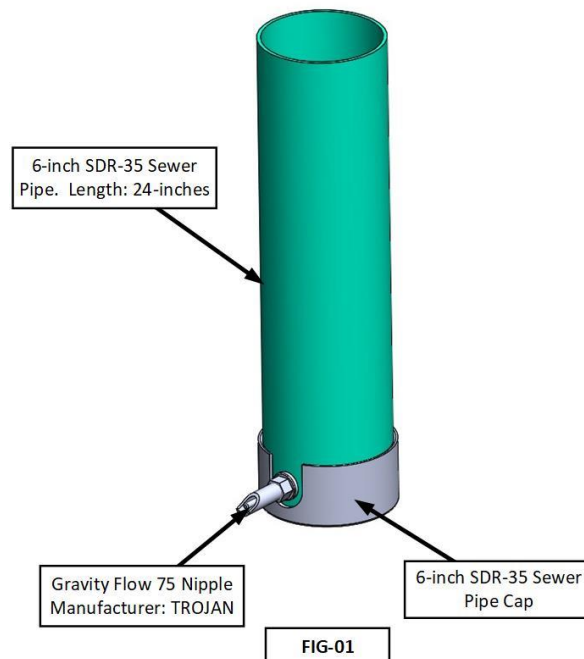
# EXTREME SHOW SUPPLY'S TUBE WATERER BRACKETS AND BUILDING A TUBE WATERER INSTRUCTIONS

The first thing you will want to do is build a tube waterer from readily available plumbing items:  
What you will need is:

- (1) A 24-inch long piece of 6-inch diameter SDR-35 pipe. This is NOT 6-inch PVC. Your Extreme Show Supply tube waterer brackets are designed to fit SDR-35 pipe. PVC is a larger diameter and will not fit into the brackets. SDR-35 is typically used for sewer and drain lines and is available at any hardware or building supply store. Normally the SDR pipe is green in color.
- (2) A 6-inch cap for the aforementioned tube
- (3) All-purpose PVC glue and primer
- (4) A Trojan gravity flow 75 nipple
- (5) Drill, 7/8" spade bit, and 2" hole saw bit
- (6) Reciprocating or hand saw
- (7) Safety glasses and hearing protection
- (8) Sandpaper/box-knife

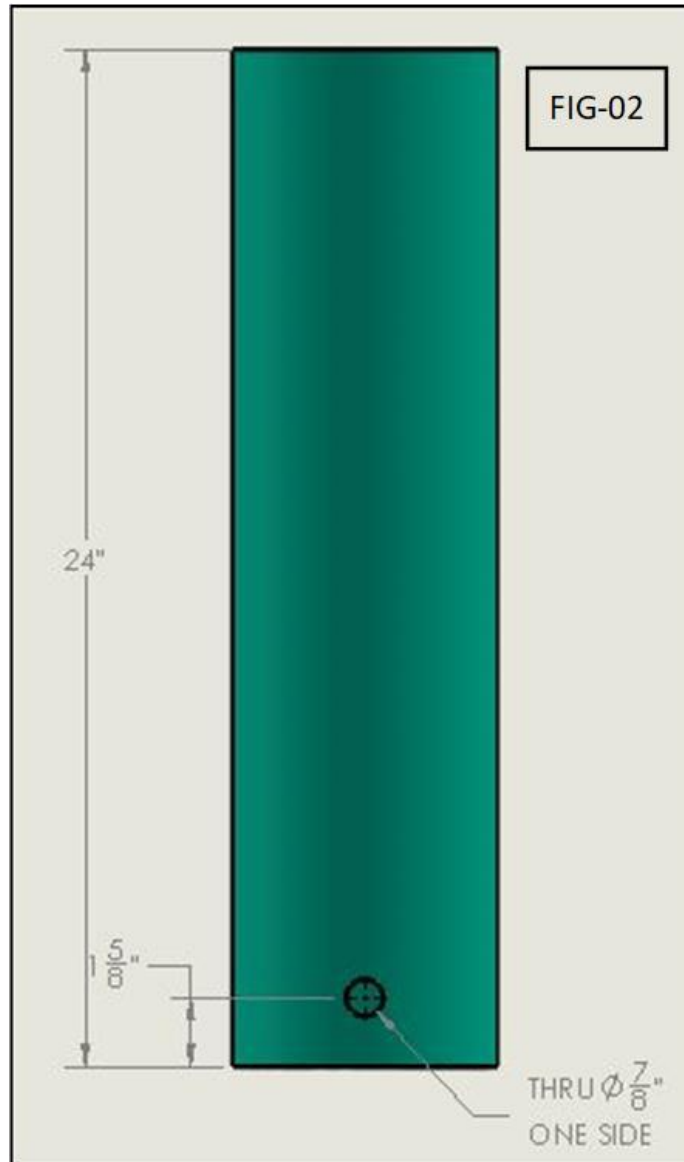
**NOTE: ALWAYS WEAR SAFETY GLASSES AND HEARING PROTECTION WHEN OPERATING POWERED TOOLS**

You will be fabricating a 6-inch tube waterer to install onto your Extreme Show Supply Swine Show Rack with the tube waterer brackets you purchased. See Fig-01



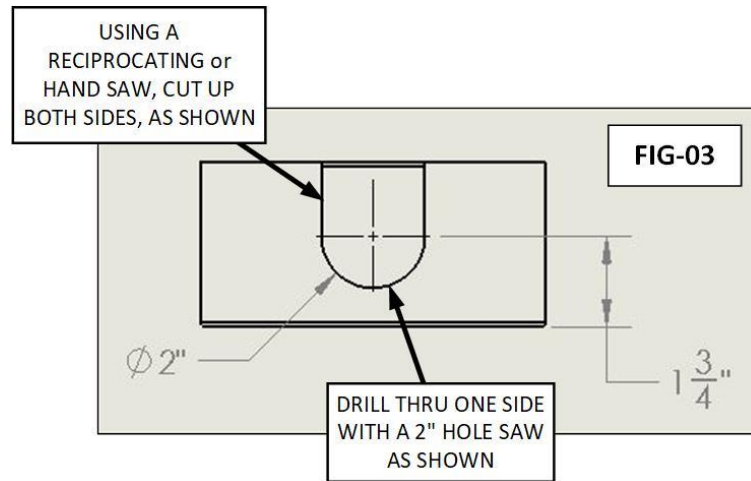
**BUILDING THE WATERER:**

- (1) If you bought a complete length of pipe, cut a section 24-inches in length. NOTE: a length longer can be used, but if using an Adjustable Fan Bracket with your Swine Show Rack (SSR), a longer waterer will interfere with it. A 24-inch tube waterer holds approximately 2.8-gal of water.
- (2) Take a piece of sand paper or box-knife and clean up the saw-cut edge
- (3) Using your drill with a 7/8" Spade bit, drill a hole through one side of tube 1-5/8" from bottom edge as shown in FIG-02.



- (4) Take your TROJAN Gravity Flow 75 Nipple and install it into the hole you just drilled. Assure nipple is oriented so the top is facing up, as shown in FIG-01. Tighten all fittings.

- (5) To prepare the cap: Take your drill with a 2" diameter hole saw and drill a hole, through one side. Using a reciprocating or hand saw, cut up both sides creating a slot as shown in FIG-03. Utilizing sandpaper or box-knife, clean all cut edges.



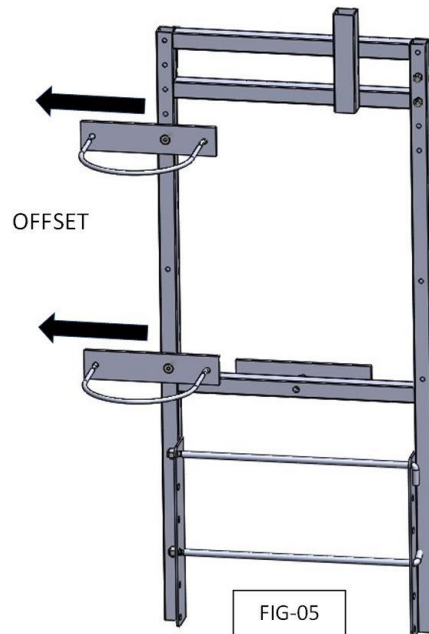
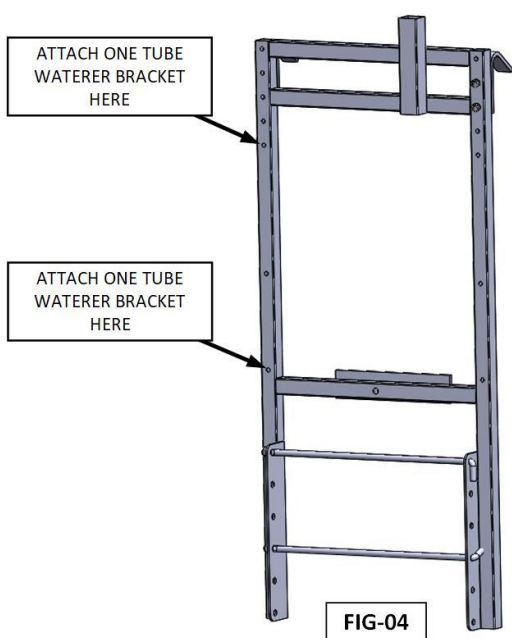
- (6) Glue on the cap: Prime both interface surfaces with PVC primer per manufacturer's instruction. Apply glue/cement to both interface surfaces per manufacturer's instructions and slide cap onto tube oriented so the slot lines up with the Trojan nipple as shown in FIG-1.



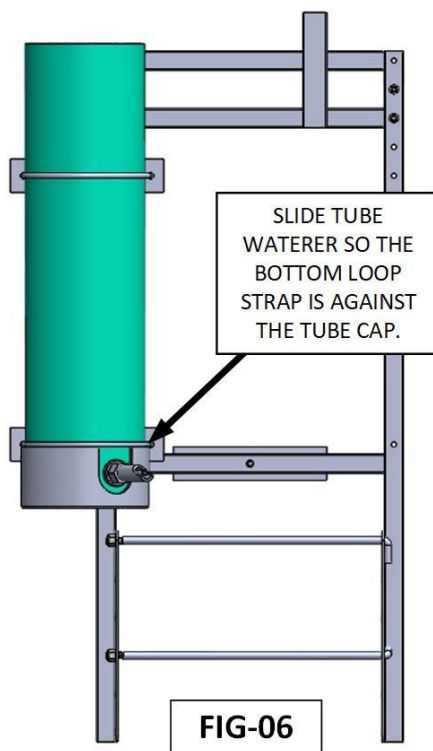
- (7) Allow glue/cement to fully cure.  
(8) Now that you have your tube waterer built, let's move onto attaching it to your SSR

### DIRECTIONS: Attaching the tube waterer brackets and tube waterer to your Swine Show Rack (SSR)

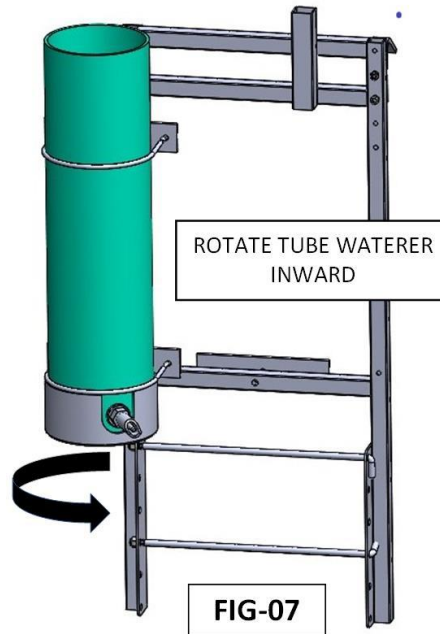
- (1) Attach both tube waterer brackets to the Swine Show Rack in the pre-drilled holes, as shown in FIG-04 and FIG-05. Note in FIG-05 that the brackets are 'offset' and that 'offset' is oriented to the outside of the Swine Show Rack.



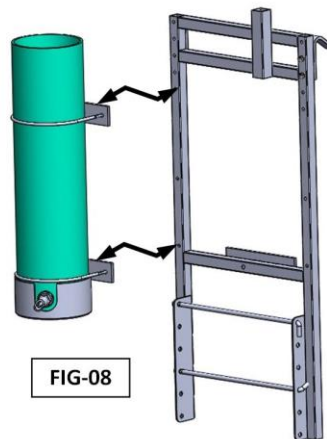
- (2) With the brackets attached to SSR, remove the loops from each tube waterer bracket and place tube waterer in place. Tube waterer should be oriented so the bottom loop strap rests against the tube cap. See FIG-06. This assures the tube waterer is clear of Extreme Show Supply's Quick-detachable (QD) Feed Bucket in the top vertical position. Place both loop straps on and lightly hand tighten the 1/4" nuts.



- (3) Rotate tube waterer, inward, approximately 25°, see FIG-07. This orients the water nipple over the corner edge of feed bucket, which allows 'spilled' water from swine drinking to fall into the feed bucket. This helps keep the swine's pen dry.



- (4) Tighten the 4-each ¼" nuts on strap loops. Your tube waterer is now complete and attached to your SSR.
- (5) The tube waterer can easily be removed/installed, as an assembly, to accommodate situations where the tube waterer is temporarily not desired. One instance, a day show where the showman desires to 'hand water', it can be easily removed. Since you assembled the tube waterer, as an assembly on your SSR, it will easily align when reinstalled.



- (6) Thank you for your purchase and confidence in Extreme Show Supply's products.