

# **INSTALLATION INSTRUCTIONS**

## **UNIVERSAL T-FS-SAND-KIT**

### **T-FS-SAND-KIT**

5/8" sanding disc backs and centralizers for all Bravo Systems Fittings

- One 8" Disc with 5/8" nut
- One 7" Disc with 5/8" nut
- One 6" Disc with 5/8" nut
- One 5-1/2" Disc with 5/8" nut
- One 4-1/2" Disc with 5/8" nut
- One 2-1/2" Disc with 5/8" nut
- Handle
- Threaded Bolt
- 10 Pack Sandpaper for all 4 sizes 7", 6" & 4.5"

### **REQUIRED TOOLS**

(NOT PROVIDED)

- Trichlorethylene or Acetone
- Hole saws with 1/4" centralizer
  - 4" F-Series - 5" hole saw
  - 3" & 2" F-Series - 4" hole saw
  - B33/B32/B32.7 - 4-1/2" hole saw
  - B17/F17/F10 - 2-1/2" hole saw
- 1/4" Drill bit & Drill
- Coarse Grit Sand Paper



# ABRADING THE FIBERGLASS SUMP WALLS

1) First prepare your fittings by laying them out as independent assemblies and identifying the parts. Clean the surfaces of all fittings with trichloroethylene or acetone to remove any contamination. Do not lay them on dirt, water, debris or other contaminated surfaces. When dusting off, use a shop brush, chip brush or compressed air. **Do not use rags, cloth or cloth-like material**



**MAKE SURE THAT YOU DO NOT PLAN YOUR HOLE SAW CUTS TO BE PLACED WITHIN 4" FROM ALL CORNERS OR EDGES.**

2) Dust off Sump walls (inside and out) and **drill your pilot holes** centered on the planned fitting locations using a 1/4" Drill bit. Proceed when done to cut your holes with appropriate size hole saw with 1/4" centralizer. **Use the appropriate diameter hole saw for your fittings, per their instruction manual to cut your holes.** Hand-sand the rough edges made by the hole saw.

3) Use the Sanding Kit (**Fig. 3**) with an air powered source to lightly abrade each hole until the surfaces are flat and even and white fiberglass is open and visible. (**Fig. 3b**).

## USE THE DISC DIAMETER COMBINATIONS FOR THE FOLLOWING FITTINGS.

NOTE: The smaller diameter disc always faces away from the grinder, Hex nut outwards. The steel back plate's Hex nut faces toward the grinder. All sanding disc combinations for SingleWall or DoubleWall.

4" F-Series / 3" LCX:	8" steel disc back, 7" sanding disc, 5-1/2" steel disc front
3" & 2" F-Series:	7" steel disc back, 7" sanding disc, 4-1/2" steel disc front
B33 / B32 / B32.7:	6" steel disc back, 6" sanding disc, 4-1/2" steel disc front
B17 / F17 / F10:	4-1/2" steel disc back, 4" sanding disc, 2-1/2" steel disc front

4) Dust or off the abraded sump walls. Again ensure that the fittings stay clean and free of debris.

