

**THANK YOU...**

Thank you for purchasing the SuperPole™ FRS. We are confident that you will find the unique design and durable construction of this product to be of great assistance in your daily routine.

To fully enjoy your SuperPole™ FRS, please take a few moments to read these instructions. You should store these instructions in a safe place for future reference.

**SAFETY CONSIDERATIONS**

**CAUTION:** It is your responsibility to see that your SuperPole™ FRS is properly assembled, installed, and cared for. Failure to follow instructions in this manual could result in serious injury.

**SUPERPOLE FRS™ INSTALLATION / MAINTENANCE**

The SuperPole™ FRS should only be installed in concrete slab type floors of structurally sound design. We recommend that you have your SuperPole™ FRS installed by a qualified contractor who should pay attention to location of any in-floor structures or conduits. The locking pins on the bottom of the SuperPole™ FRS should be inspected regularly for damage. The floor receptacles should be inspected regularly. Maximum suggested user weight of 450 lbs/205kg.

**WARRANTY**

All HealthCraft™ Products are covered by a one year limited warranty with the exception of hand grips which are subject to normal wear. Buyer hereby indemnifies, agrees to hold harmless and defend HealthCraft™ Products Inc. from and against any and all liabilities, claims, (founded and unfounded), losses, damages, costs and expenses (including without limitation consequential damages and reasonable professional fees) resulting from buyers specification, application, or improper use of goods described hereon; buyers omission or neglect.

HealthCraft™ Products Inc. does not assume any liability for damage resulting from services performed by others or faulty installation, misuse or misapplication of goods sold by HealthCraft™ Products Inc.

HealthCraft™ Products Inc. shall not be liable for prospective profits or special, indirect, or consequential damages, or for the cost of any corrective work done without HealthCraft™ Products Inc. prior approval. HealthCraft™ Products Inc. total liability hereunder shall in no event exceed the purchase price of the goods specified hereon.

**WARNING - PATIENT ENTRAPMENT!**

The potential risk of entrapment (limb, neck, head, torso) between the rail and adjacent item (i.e. bed) can be reduced or avoided by the following strategies:

1. Consider situations that could change with time or usage such as mattress compression, patient movement.
2. Realize that this product is not intended as a physical constraint or barrier to exiting the bed.

**GETTING STARTED**

We strongly recommend that you give thought as to the optimal location of your SuperPole™ FRS before installation. The following questions may help you to decide upon a location:

- a. What motions will you be going through? (pulling up to standing, lowering to sitting, transferring from chair to toilet, etc.)
- b. What is your strongest side/hand?
- c. What is your complete transfer path? Will the location allow for full support over most of your path of motion?
- d. Will the pole be far enough away to allow you to stand comfortably?

**SUPERPOLE FRS™ PLACEMENT**

**NOTE:** If using the SuperBar Add On Kit (SPB-AK), please refer to the instructions for the SuperBar to help determine placement of SuperPole™ FRS.

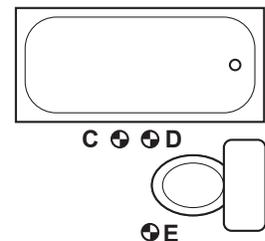
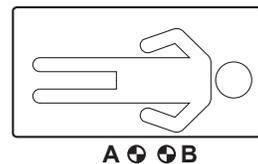
**BEDROOM**

Locate unit adjacent to hip/belt line and as close to bed as possible while allowing clearance for bed coverings.

**TOILET and / or BATHTUB**

**Toilet** - suggested to locate floor receptacle between three to ten inches forward of the knees and two to six inches to side of knees when seated such as position C or D.

**Bathtub** - locate floor receptacle close to outer edge of tub, approximately half way along its length such as position D or E.

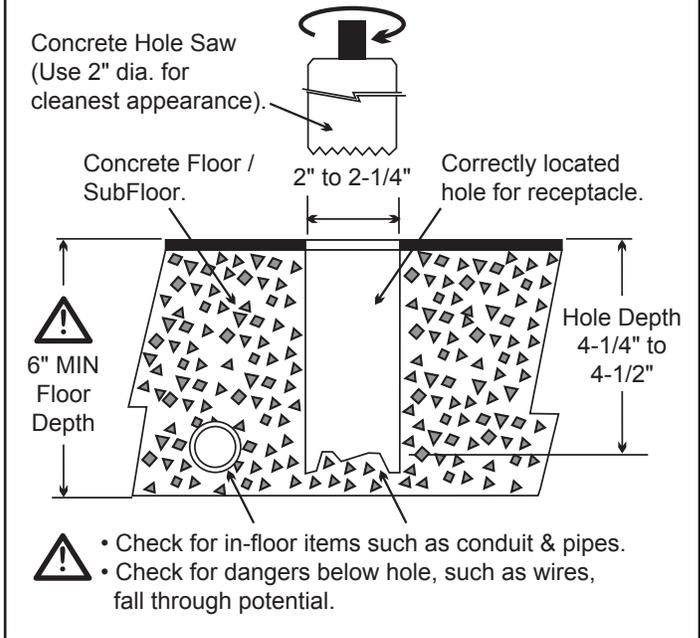


## FLOOR RECEPTACLE INSTALLATION

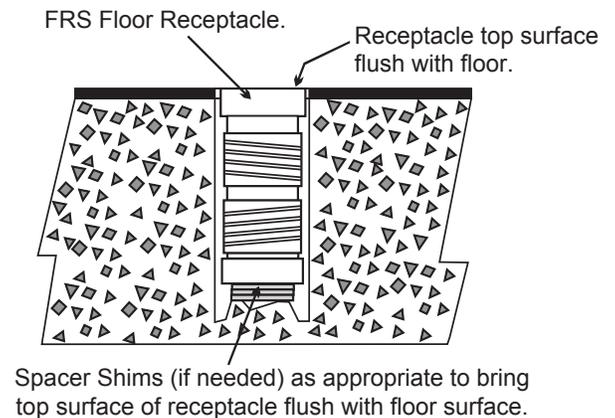
Read these instructions in their entirety prior to commencing installation or use of the SuperPole™ FRS .

1. Using suggestions on page 1, determine a proposed location for installation of the floor receptacle(s).
2. Check that the concrete floor is in good condition, and that the depth of the slab is at least six inches prior to drilling. **IMPORTANT** - Determine if there are any conduits, wires, pipes or such within the floor to be avoided during drilling, or a potential for the bottom of the hole to fall through.
3. Select a locally available anchoring cement or embedment grout to be used for the installation. It should have a hardened bond and pullout strength of at least 2000 psi, compatibility with your floor cleaning chemicals, and a pourable semi-liquid like consistency. (Suggestions for this grout include HILTI HIT-HY150, from HILTI or Anchorite Embedment Grout from C.C. Chemicals Canada). Your selected grout should be confirmed to be in accordance with any local codes in your area for safety, disposal, and germ prevention.
4. Prepare to drill the hole for the receptacle. It is recommended to create the hole with a 2" to 2-1/4" diameter diamond type coring hole saw. The two inch size results in the cleanest appearance of the hole with a minimal appearance of grout around the receptacle, but requires a flowable grout to fill into the small area around the receptacle.
5. Referring to **Figures 1, 2 & 3**, the hole should be drilled to 4-1/4" to 4-1/2" deep, and aligned as true vertical. Follow the grout manufacturers' guidelines for hole preparation such as cleaning and roughening the hole prior to using grout.
6. Referring to **Figure 2**, prior to mixing the grout, make a test and lower the receptacle into the hole. Test that the top of the receptacle does not sit above floor level. You may choose to use thin metal pieces such as large washers to place under the receptacle to shim it such that the top of the receptacle is flush with the floor surface.
7. Once the hole and receptacle have been prepared for installation, prepare the grout following manufacturer's directions. Referring to **Figure 3**, place/pour an amount of the grout in the bottom of the drilled hole. You may also apply some of the grout onto the sides of the receptacle to pre-coat it for better adhesion.

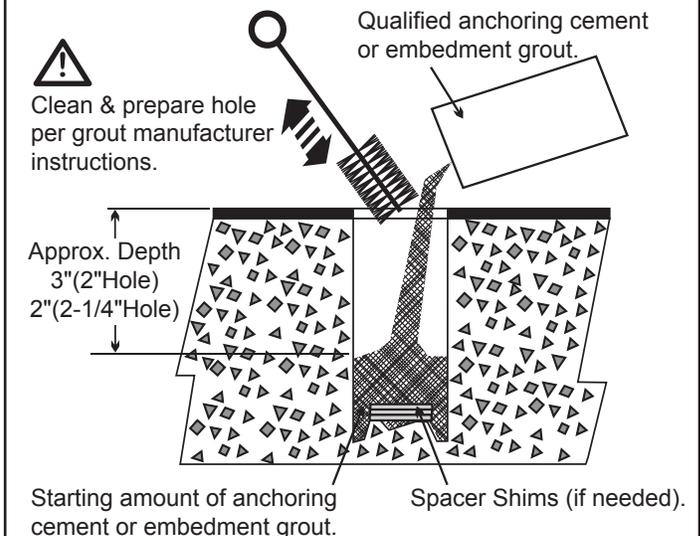
**Figure 1: Locate & Drill Hole for Receptacle.**



**Figure 2: Test Hole Diameter and Depth.**



**Figure 3: Clean Hole & Add Anchoring Grout.**



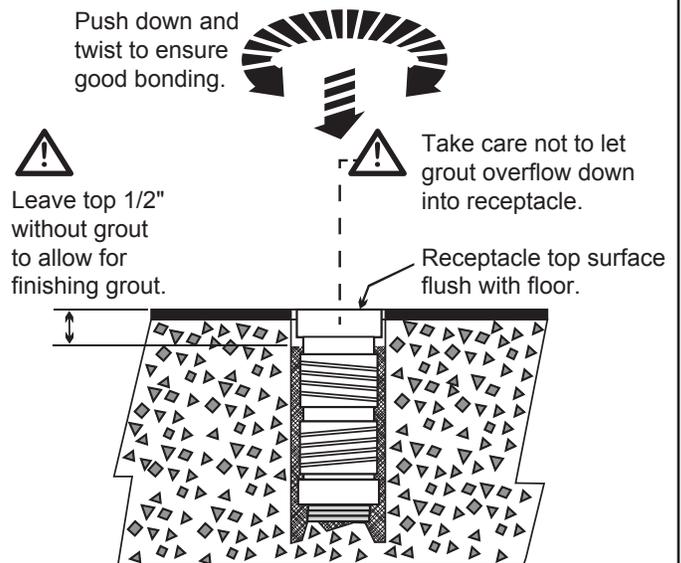
## FLOOR RECEPTACLE INSTALLATION (con't)

8. Next, referring to **Figure 4**, remove the cap of the receptacle (as shown on page 2) and place a crumpled rag/towel inside the receptacle to guard against any grout entering the receptacle. Next, twist and force the receptacle down into the grout until the top of it is exactly flush with the floor surface. If the grout does not rise up around the outside of the receptacle to within approx. 1/2" of the top of the receptacle, remove the receptacle, add more grout, and repeat. If the grout overflows prior to the receptacle being fully lowered, remove the receptacle and take out an amount of the grout and reinstall the receptacle. Referring to **Figure 5**, once the level of the grout has been finalized at 1/2" below the floor surface, ensure that the receptacle is exactly vertical. This may be accomplished by inserting the FRS pole as a guideline, and correcting with the guidance of a bubble level.

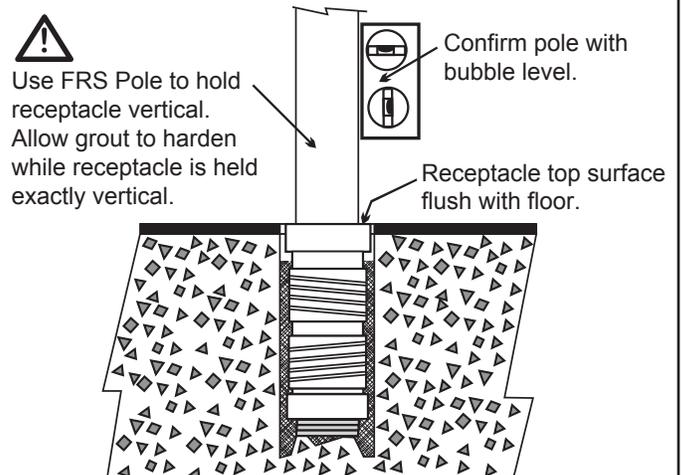
9. **IMPORTANT** - During installation take great care to prevent the liquid grout getting down into the inside of the receptacle. This can foul up the thread and pin holes at the bottom of the receptacle. When sinking the receptacle into the grout, keep the receptacle covered or use a cloth rag inside the receptacle. Should any grout enter the receptacle, immediately remove the receptacle, and clean it out to prevent it from hardening.

10. Referring to **Figure 6**, after the initial grout has hardened, add more grout around the top of the receptacle and smooth it to be flush with the floor. Wait the recommended time for hardening of the grout prior to use.

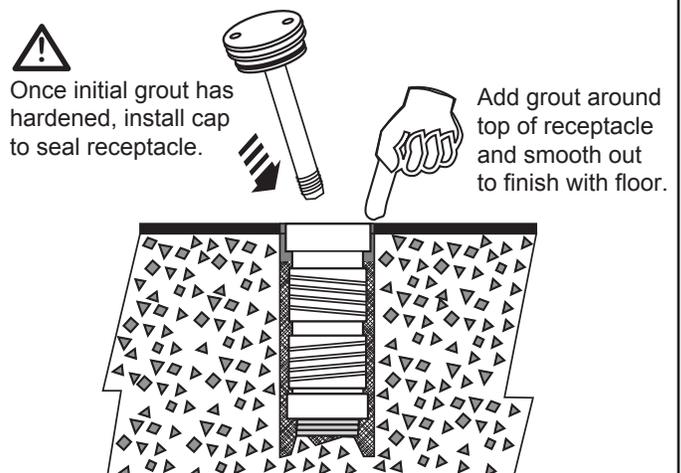
**Figure 4: Insert Receptacle into Grout.**



**Figure 5: Confirm Vertical & Let Grout Harden.**

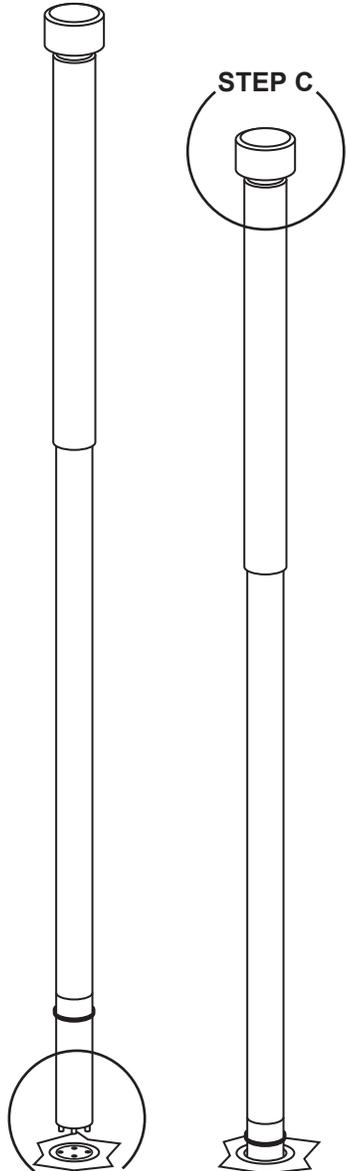


**Figure 6: Cap Receptacle & Finish Top Grout.**



## FRS POLE INSTALLATION

**STEPS A,B,C** (Reverse steps to remove pole from socket)



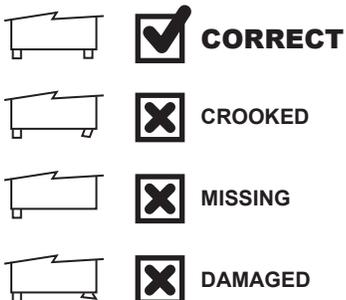
### STEPS A&B

FRS Pole used to remove floor receptacle

FRS Pole installed into floor receptacle

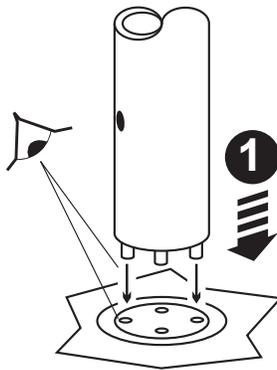
### ⚠ CAUTION

Inspect drive pins on bottom of pole.

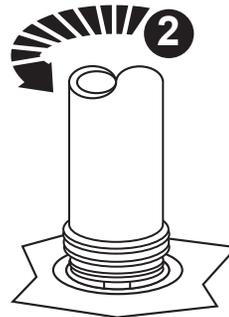


## A. REMOVE FLOOR RECEPTACLE CAP.

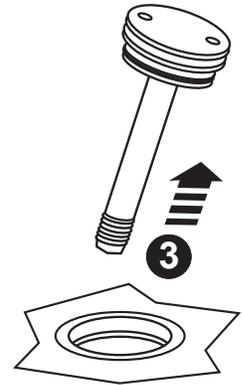
Line up drive pins with drive holes in cap by eye.



Engage drive pins into drive holes, and twist pole (approx 6 turns) to release cap.

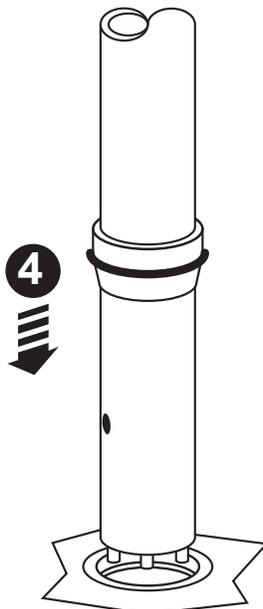


Remove cap from floor receptacle.



## B. INSERT & SECURE FRS POLE INTO FLOOR RECEPTACLE.

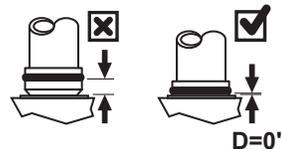
**GENTLY** lower pole into floor receptacle



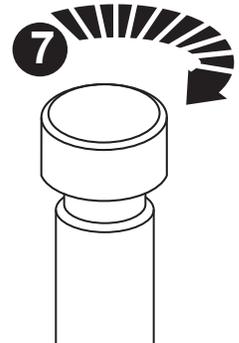
Rotate pole until it drops down and stops rotating.



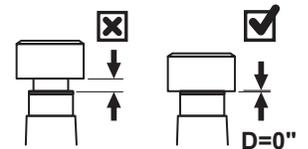
⚠ **CAUTION** - Rubber sealing ring should sit tight against the top edge of the floor receptacle.



Rotate top knob to lock pole into receptacle.

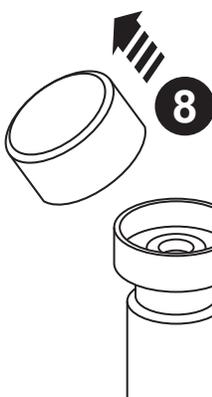


⚠ **CAUTION** - Rotate top knob until bottom surface is tight against top edge of pole.

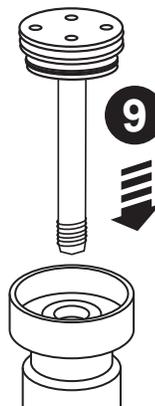


## C. STORE RECEPTACLE CAP.

Remove rubber cover from knob on top of pole.



Insert floor receptacle cap into knob for storage.



Replace rubber cover onto knob.

