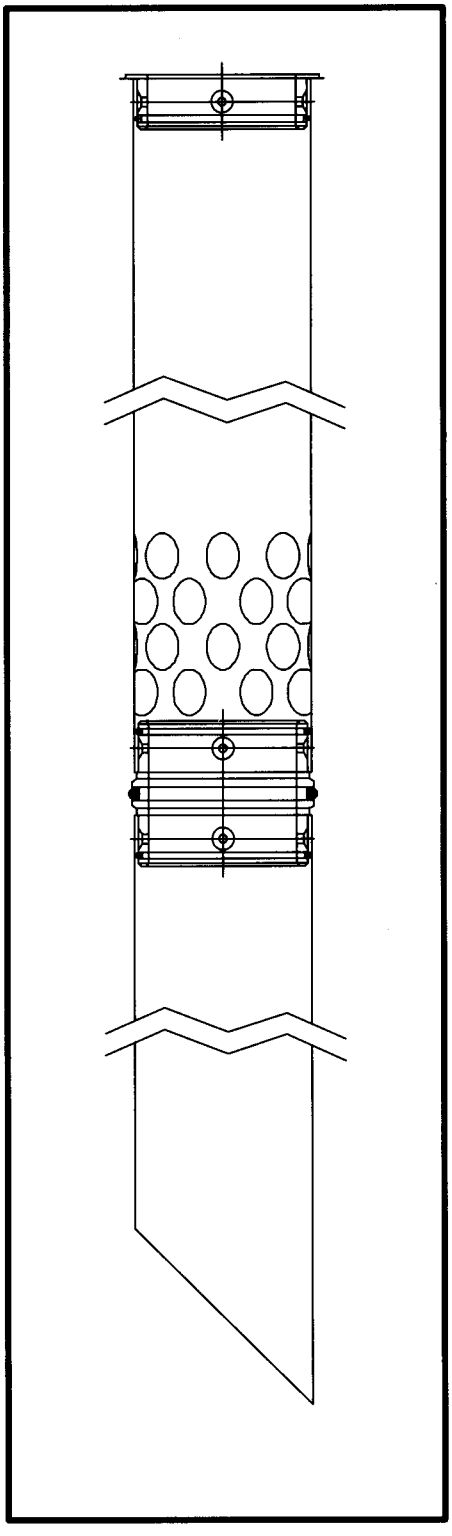
INSTALLATION INSTRUCTIONS

THE NEW TUBE-TOP-REMOTE FILL ASSEMBLY (708-320)

Standard: with top adapter
Optional: with check valve assembly



OPTIONAL INSTALLATION INSTRUCTIONS

FOR USING 708-453 AUTO LIMITER WITH 708-320 TUBE-TOP-REMOTE FILL ASM.

Use instruction #6136 and start with step 1, 2, 3, 4, 5, skip 6 thru 10 and now wrap the paper drilling template around one end of lower drop tube and tape the ends. Next continue with steps 11, 12, 13, 14,15, 16. Next use instruction #6002 steps 1, 2, step 3 will determine where to cut off lower drop tube of 708-320 remote fill asm. Skip step 4. Continue with step 5 which is 708-320 lower drop tube. Continue with steps 6 thru 11, step 12 is what is left over after step 3. Continue with step 13 & 14. Now use instruction #6136 steps 17 & 18. Finish by using instruction #6002 steps 18 & 19.

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2814 McCracken Avenue, Muskegon, MI 49441

Installation Instructions
708-320 Remote Fill Assembly
(Please read before beginning)

IMPORTANT: ***Check to make sure all parts have been provided and do not substitute parts other than supplied.***

WARNING! FAILURE TO FOLLOW INSTRUCTIONS OR SUBSTITUTION OF OTHER PARTS MAY CAUSE FAILURE OF THE DEVICE WHICH MAY CREATE A HAZARDOUS CONDITION AND/OR ENVIRONMENTAL DAMAGE.

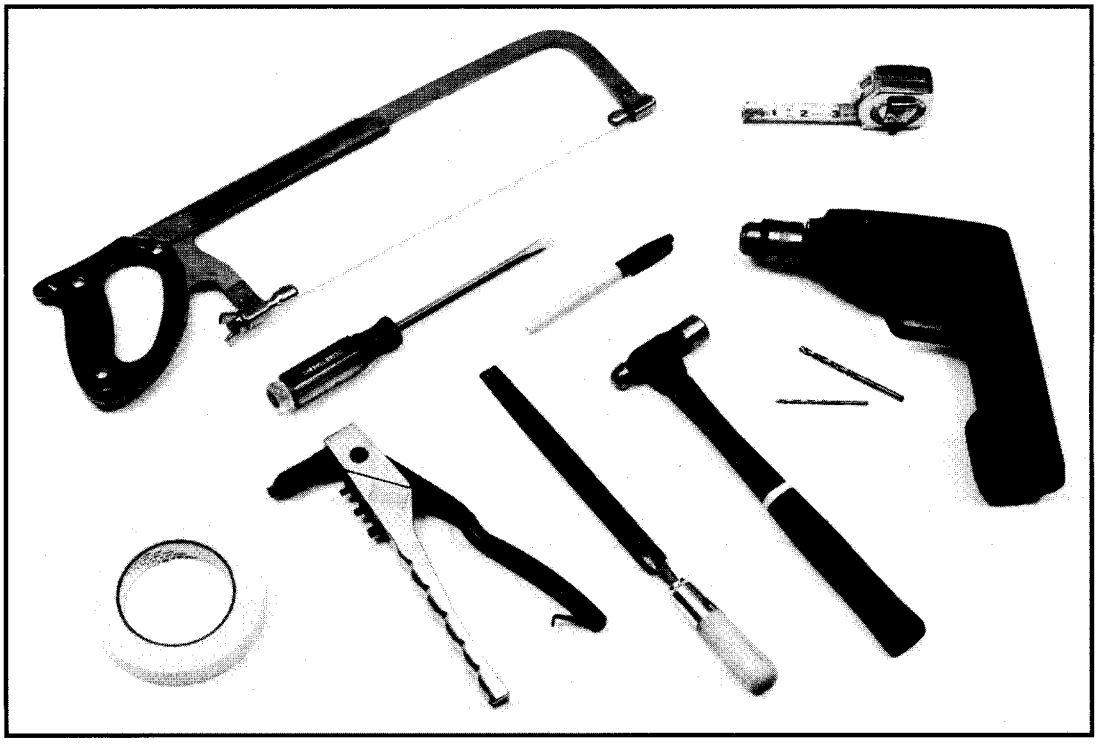
WARNING! EBW PRODUCTS SHOULD BE USED IN COMPLIANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. PRODUCT SELECTION SHOULD BE BASED ON PHYSICAL SPECIFICATIONS AND LIMITATIONS AND COMPATIBILITY WITH ENVIRONMENT AND MATERIAL TO BE HANDLED. EBW MAKES NO WARRANTY OF FITNESS FOR A PARTICULAR USE.

TOOLS *(needed for installation & assembly)*

1. One each, new or sharp 1/16" and 3/16" Drill bit.
2. Drill
3. Tape Measure
4. Half round fine file
5. Hammer
6. Hacksaw with fine tooth blade
7. Screwdriver - Flat Blade
8. Masking or Electrical Tape
9. Pop Rivet Tool
10. Permanent marker

PACKING LIST

3 Upper Drill Template 708-221-01
1 Tapered punch 708-172
12 3/16 closed end pop rivets 11070-06
3 "O"-Rings 11003-22
1 "O"-Ring 11003-34
1 Instruction Manual - Form #6136
1 Epoxy Sealant #11372-01
1 Adaptor top 708-202-01
1 Adaptor bottom 708-201-01
1 Tube top remote fill 708-236-01
1 Gasket drop tube 11182-01
1 Check valve assembly 708-321-01 (optional units only)



Installation Instructions

(708-320)
TUBE-TOP-REMOTE FILL ASSEMBLY

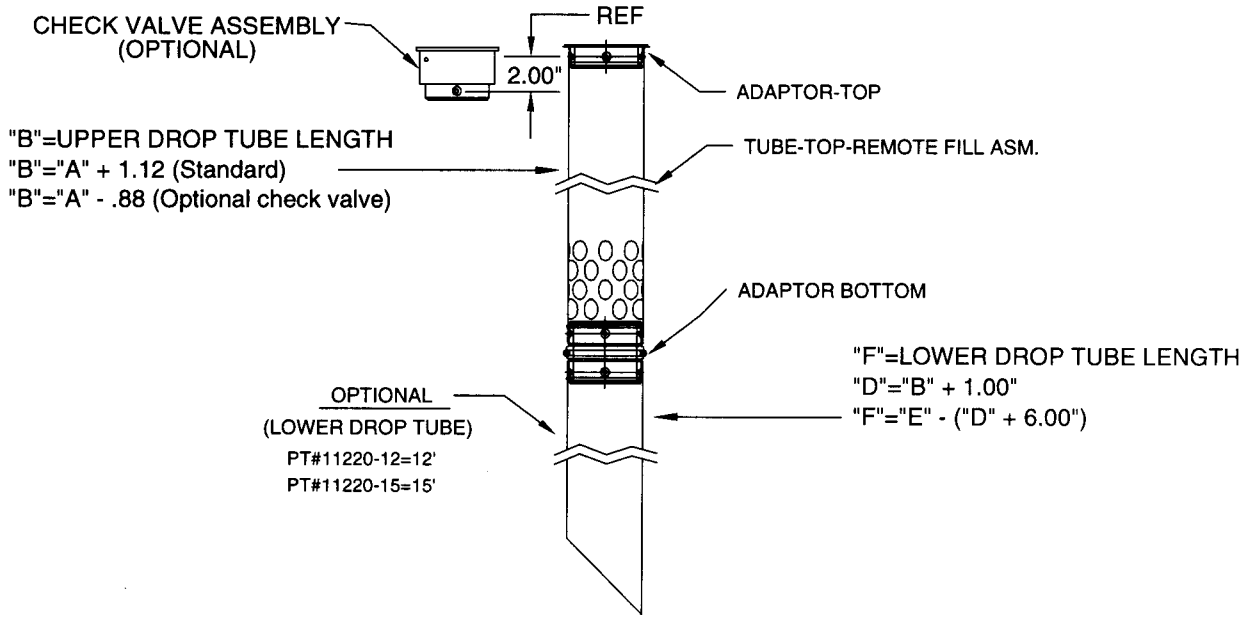


FIGURE "A"

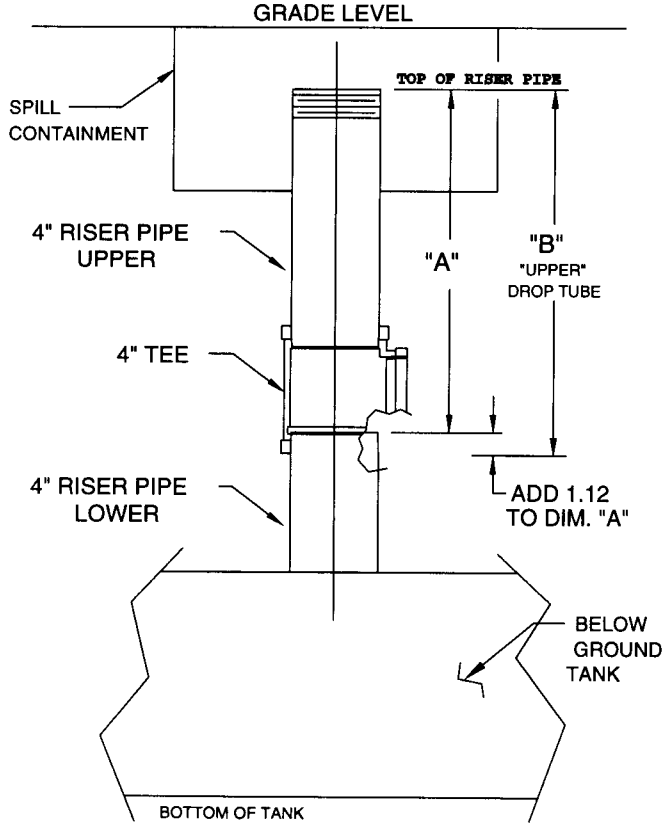


FIGURE "B"

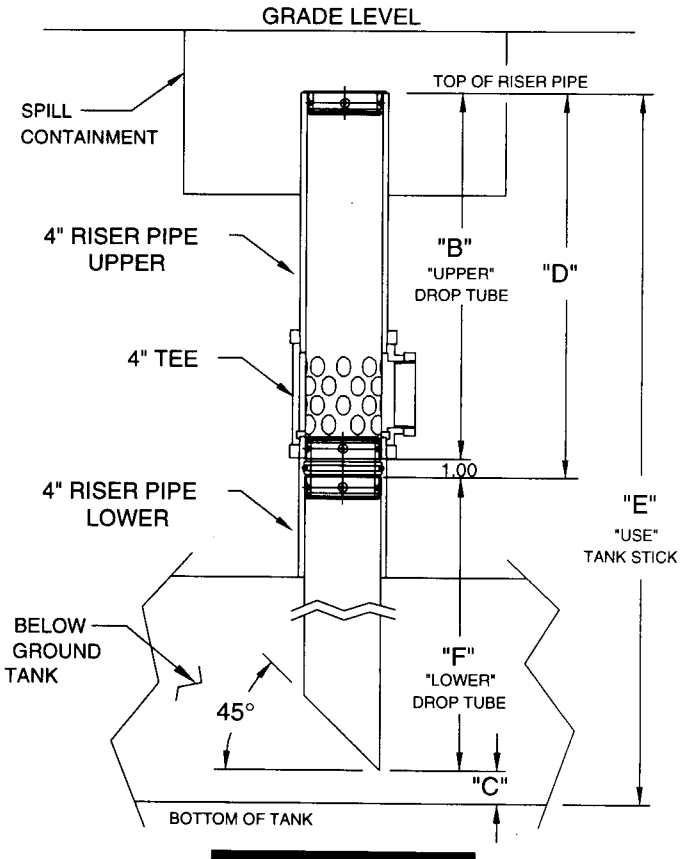


FIGURE "C"

NOTE: "C"=6" MAX
OR PER LOCAL
REQUIREMENTS

1. All ends of 4" diameter riser pipes must be reamed and deburred to remove internal ridge caused by cutting off or threading. failure to do so may damage "O"-ring seal and cause vapor leakage.

2. After 4" tee and upper riser pipe are threaded together measure from top edge of upper riser pipe to top edge of lower riser pipe to obtain dimension "A" see figure "B"

3. Standard units with top adapters add dimension "A" to 1.12 to obtain dimension "B".

"A" + 1.12 = "B"

Optional units with check valve assembly subtract .88 from dimension "A" to obtain dimension "B".

"A" - .88 = "B"

4. Measure and mark dimension "B" on the upper aluminum drop tube opposite the end with the 1.0" diameter holes

5. Cut drop tube off making sure that the cut is square with the tube. Deburr the sawed end.

6. Add dimension B + 1.0" to obtain length "D". Measure from the top of upper riser pipe to the bottom of the tank to obtain length "E". See figure "C".

7. Subtract length "D"plus 6.0" or per local code from dimension "E" to obtain lower drop tube length "F".

"E" - "D" + 6.0" or local code = "F"

8. Measure and mark length "F" on lower drop tube.

9. Cut lower drop tube making sure that the cut is square with the tube. Opposite end should be cut at 45°. See figure "C". Deburr sawed ends.

10. Wrap the paper drilling template around the end opposite the 45° cut and tape the ends.

11. Carefully drill (4) four 1/16" pilot hole through the drop tube on centerline of drill template. enlarge the 1/16" holes to 3/16". Repeat the drilling procedure to both ends for the upper drop tube. De-burr all drilled holes.

12. Install appropriate "O"-rings into the grooves on the adaptor-bottom and adaptor-top. The large "O"-ring fits into the center large groove to the adaptor-bottom.

13. Mix approximately 1/2 of the total sealant provided in the kit (follow instructions on back of package). Apply sealant to inside diameter of drilled end of lower drop tube. Coverage should be completely around the tube. Position this end on adaptor-bottom and carefully push the drop tube down past the "O"-ring until it rests on the shoulder

NOTE: Failure to apply sealant correctly may cause failure of vapor decay tests.

14. Rotate lower drop tube so that the (4) four holes line up with the four holes in the adaptor-bottom. Using the tapered punch, carefully dimple the four holes in the drop tube into the countersunk holes to the adaptor-bottom.

15. Install four 3/16" diameter closed end pop rivets into the counter sunk holes. Use only the aluminum pop rivets provided. IMPORTANT: The heads of the rivets must be flush or below the exterior surface of the drop tube.

16. Position the end of the upper drop tube which has the 1.0" diameter holes on the opposite end of the adaptor-bottom. Push down to the shoulder, dimple and rivet, as in steps 14 & 15. Repeat this operation for the upper adaptor-top.

17. Install the flat rubber gasket under the upper drop tube flange. Apply a liberal amount of grease to the "O"-ring area of adaptor-bottom and inside of the upper riser pipe.

18. Carefully lower complete remote fill drop tube assembly down the riser pipe, being careful not to damage the "O"-ring, when entering the upper & lower riser pipes.

19. Install a vapor tight threaded cap onto riser pipe for standard model. Top or side seal cap and adapters can be used with optional check valve model.