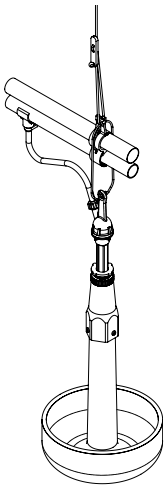
# Quick Sheet Instructions

## Turkey Bell Drinker
## VTB105, VTB100



## Assembly Instructions

*The Val-Co® VTB105 and VTB100 are shipped as sub-assemblies and will require some assembly. Refer to Parts List drawings for views of each assembly and available replacement parts.*

1. Assemble the valve assembly to the turkey bell bowl assembly. Screw the threads of the bowl adapter into the threads of the collar 1-3 turns to hold the bowl securely, as shown in Figure 1.

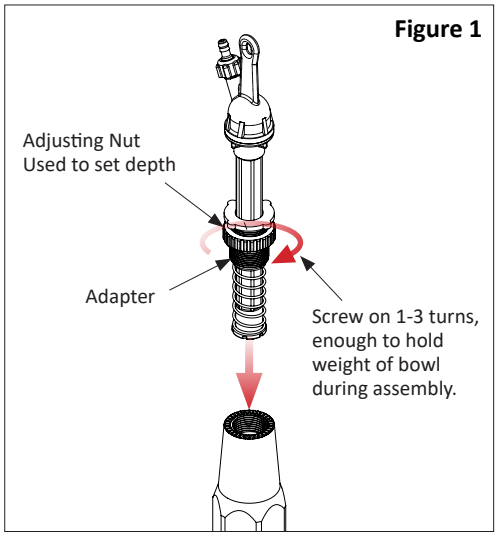
**Be sure adjuster nut is on the bowl adapter and screwed into the top of the bowl adapter by at least (1) thread, but not more than (3) threads.**

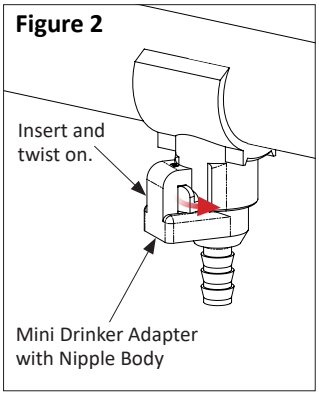
2. Install Mini Drinker Adapter (VM101) into watering line saddle as shown in Figure 2. Push tube (BG222) onto barbs to connect the mini drinker to the Bell Drinker valve as shown in Figures 3, 4, and 5.
3. Hang bell drinker from Hanger Bracket using the clip (VTB170), rope (VD319), and height adjustment strap (VS341), as shown in Figure 5. Clip and height adjustment shown in Figures 6 and 7.
4. Turn the water to the drinker on.

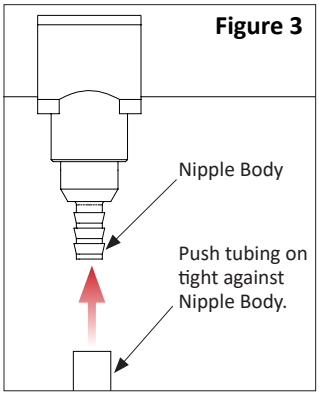
**There should be little to no water coming from the trigger valve.**

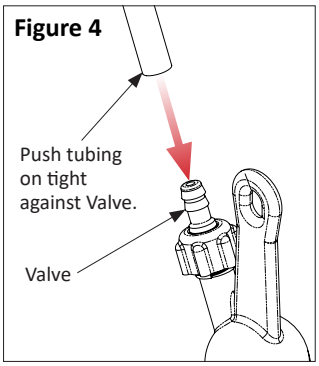
## Water Flow Adjustment

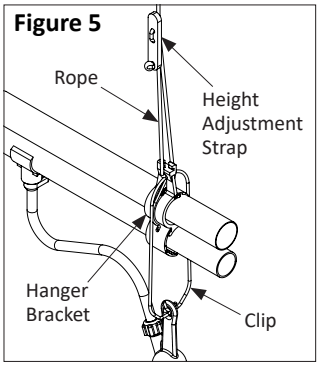
5. Gently spin the bowl up while holding the adjusting nut until water starts running from the valve.
   a. If the water stops running too quickly (water level below 1/2”), screw the bowl up slightly (less than 1/2 turn).
   b. If the water does not stop running soon enough (water level above 1-1/4”), screw the bowl down slightly (less then 1/2 turn).
6. Once the desired water level is achieved, carefully tighten the green lock nut without changing the relationship between the bowl adapter and the adjusting nut.
7. Future adjustments, should they be needed, are accomplished in a similar manner as Step 5. If a slight adjustment is needed, Steps 5a or 5b should provide the desired results, while a larger adjustment would warrant starting at the beginning of Step 5.

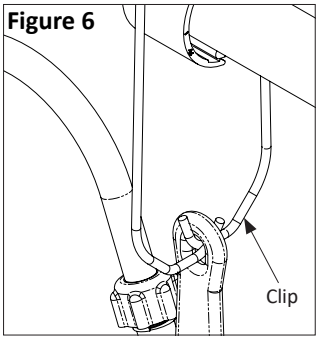


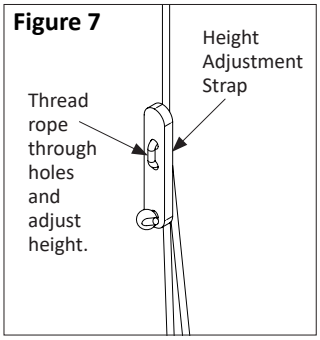



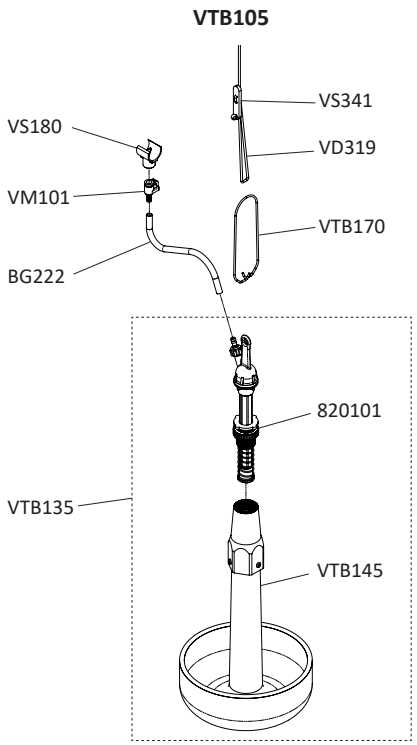



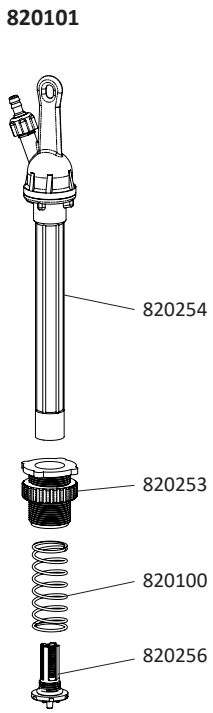



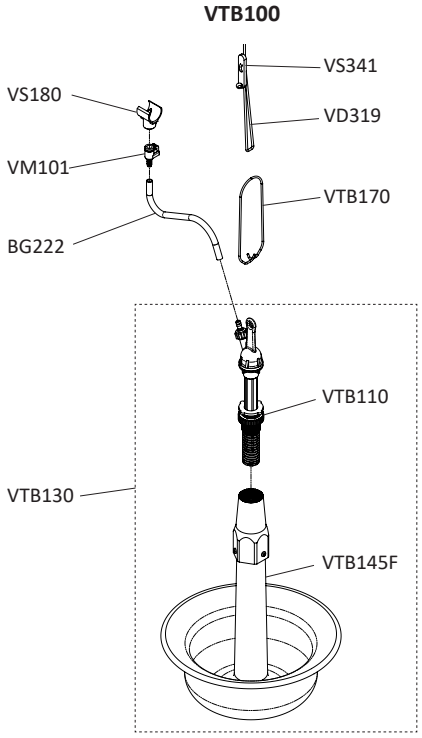
## VTB105 Turkey Bell Drinker - Parts List

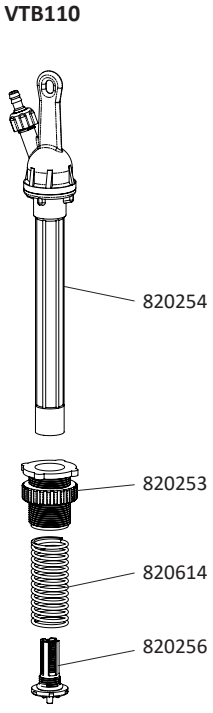



| PART # | DESCRIPTION | QTY |
|---|---|---|
| **VTB105 - TURKEY BELL DRINKER** | | |
| BG222 | 1/4” GREEN PVC TUBING | 1.5 |
| VD319 | 1/8” POLYESTER CORD | 2 |
| VM101 | MINI DRINKER ADAPTER WITH NIPPLE BODY | 1 |
| VS341 | HEIGHT ADJUSTMENT STRAP | 1 |
| VTB135 | TURKEY BELL DRINKER, BOWL AND VALVE ASSEMBLY | 1 |
| VTB170 | TURKEY BELL CLIP | 1 |
| **VTB135 - TURKEY BELL DRINKER, BOWL AND VALVE ASSEMBLY** | | |
| VTB145 | TURKEY BELL DRINKER BOWL ASSEMBLY | 1 |
| 820101 | TURKEY BELL DRINKER VALVE ASSEMBLY | 1 |
| **820101 - TURKEY BELL DRINKER VALVE ASSEMBLY** | | |
| 820100 | SPRING, SS, 1.017” OD, 2.464” LG, .072 DIA | 1 |
| 820253 | ADJUSTABLE NUT ASSEMBLY | 1 |
| 820254 | STEM ASSEMBLY | 1 |
| 820256 | TRIGGER PIN ASSEMBLY | 1 |
| **ACCESSORY** | | |
| VS180 | J-LOCK SADDLE, ANGLED STEM | 1 |

## VTB100 Turkey Bell Drinker, Flange - Parts List




| PART # | DESCRIPTION | QTY |
|---|---|---|
| **VTB100 - TURKEY BELL DRINKER, FLANGE** | | |
| BG222 | 1/4” GREEN PVC TUBING | 1.5 |
| VD319 | 1/8” POLYESTER CORD | 2 |
| VM101 | MINI DRINKER ADAPTER WITH NIPPLE BODY | 1 |
| VS341 | HEIGHT ADJUSTMENT STRAP | 1 |
| VTB130 | TURKEY BELL DRINKER, FLANGE, BOWL AND VALVE ASSEMBLY | 1 |
| VTB170 | TURKEY BELL CLIP | 1 |
| **VTB130 - TURKEY BELL DRINKER, FLANGE, BOWL AND VALVE ASSEMBLY** | | |
| VTB145F | TURKEY BELL DRINKER BOWL ASSEMBLY, FLANGE | 1 |
| VTB110 | TURKEY BELL DRINKER VALVE ASSEMBLY, FLANGE | 1 |
| **VTB110 - TURKEY BELL DRINKER, FLANGE, VALVE ASSEMBLY** | | |
| 820614 | SPRING, SS, 1.075” OD, 2.466” LG, .089 DIA | 1 |
| 820253 | ADJUSTABLE NUT ASSEMBLY | 1 |
| 820254 | STEM ASSEMBLY | 1 |
| 820256 | TRIGGER PIN ASSEMBLY | 1 |
| **ACCESSORY** | | |
| VS180 | J-LOCK SADDLE, ANGLED STEM | 1 |


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