Quick Sheet Instructions

Big Tom Pro Turkey Drinker
820635 & 820636

ASSEMBLY INSTRUCTIONS

NOTE: If retrofitting existing drinkers, skip ***Assembly Instructions*** Steps 1-5 and see ***Removal of Installed Drinker*** section below.

1. Snap the hanger bracket (VH340 or VH340AL) on the conduit or extruded aluminum support channel and the water pipe next to the saddle. Please refer to Figure 1.

   NOTE: When used with 820127 couplers, maintain at least 6" spacing between the hanger bracket and the coupler.

2. Tighten the top hanger bracket bolt, as shown in Figure 1.
3. Snap the Big Tom turkey cup (VT185L) onto the water pipe. Slide the cup onto the hanger bracket and hook the lock tab of the cup into the side of the saddle, as shown in Figure 2.
4. Place the nut (820247) into the square on the side of the cup. Align the holes and push the bolt (VT185SCREWLG) through, screwing the bolt into the nut until tight, as shown in Figure 3.
5. Install the 820634 Big Tom Pro nipple (included in 820444K) into the saddle by using a Val Installation/Removal Tool (VAL-TOOL). Please refer to assembly detail in Figure 8.
6. Drop the pin pivot (820401K) into the large opening of the pin stop (820287) so that the pin hangs out the bottom. Then place the pin lifter (820402) in the pin stop with the pin lifter flat against the pin pivot, as shown in Figure 4.
7. Place the pin stop assembly into the cup, align the lock pins on the pin stop with the drinker J-lock then push straight up until the pin stop assembly completely locks into the J-lock arm, as shown in Figure 5.

   NOTE: Ensure the trigger pin pivot moves freely up, down, and around.

8. **OPTIONAL**: Place float ball (820629) into the cup to automatically activate drinker for young birds.

Figure 1

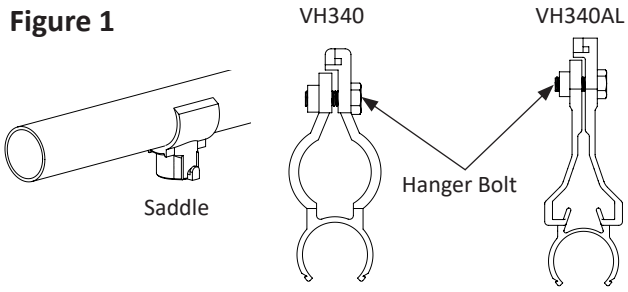
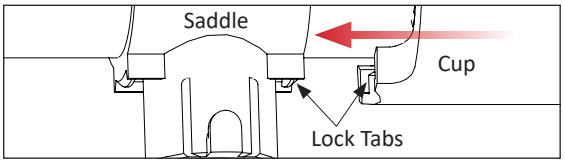


Figure 2



NOTE: Hook must be fully locked onto saddle.

Figure 3

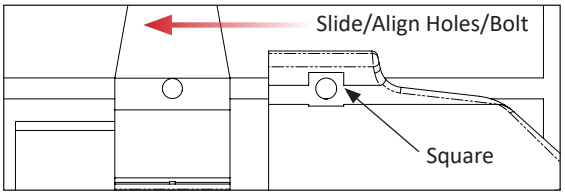


Figure 4

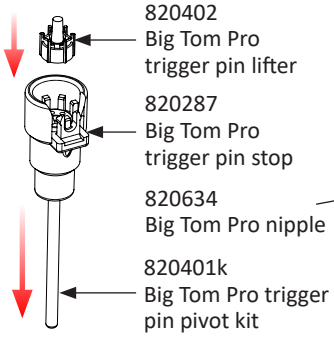
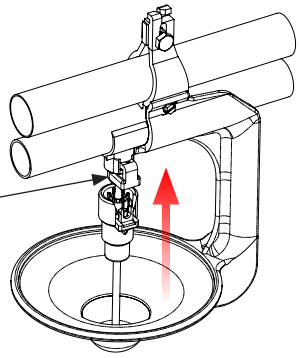


Figure 5



REMOVAL OF INSTALLED DRINKER

1. Using a flat screw driver, insert the flat head into the slot between the drinker and pin stop. Twist the screw driver until the pin stop releases from the drinker. Remove the pin stop assembly, as shown in Figure 6.
2. Unlock the drinker from the saddle by using a Val Installation/ Removal Tool (VAL-TOOL). Pull down to remove the drinker, as shown in Figure 7.
3. Install a new drinker by using a Val Installation/Removal Tool (VAL-TOOL) to lock it into place, as shown in Figure 8.

Figure 6

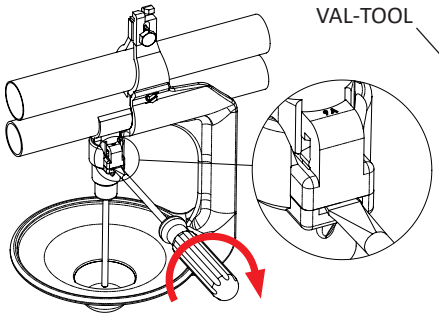


Figure 7

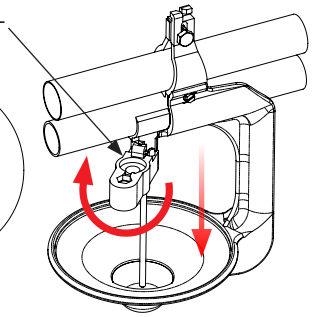
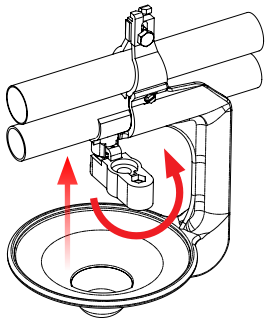
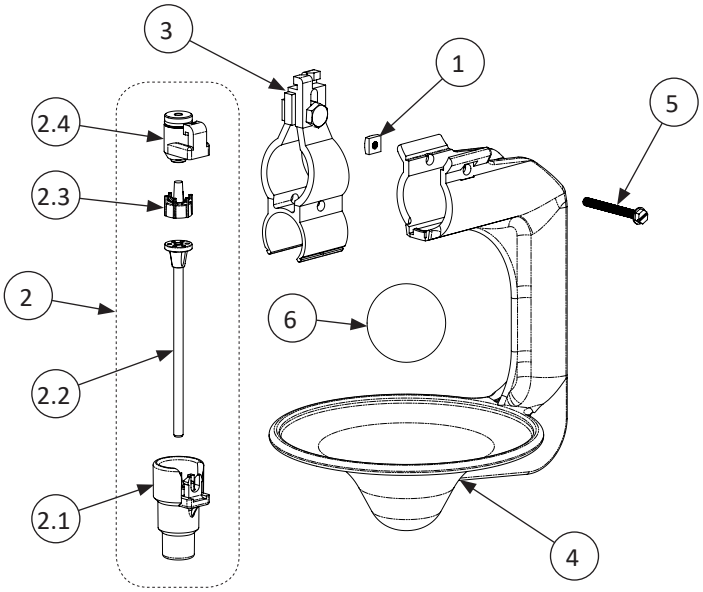


Figure 8



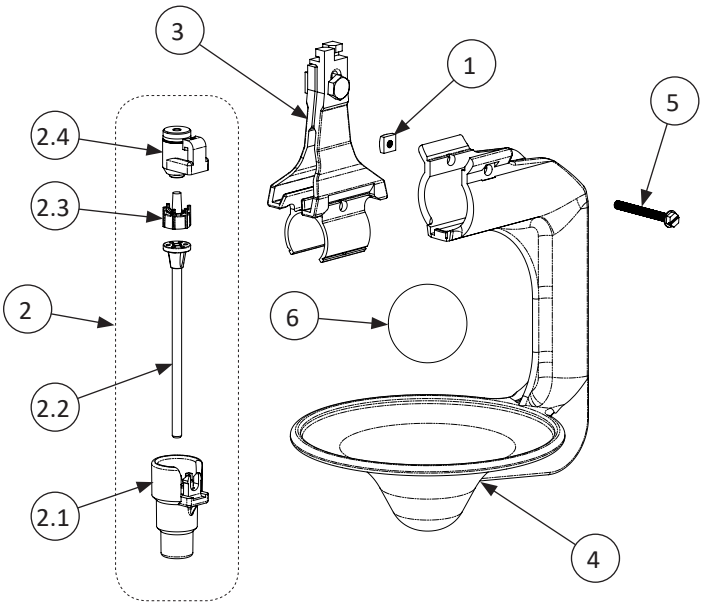
(Return to Step 6 of ***Assembly Instructions*** to complete installation.)

820635 - EXPLODED DRAWING AND REPAIR PARTS LIST



KEY	PART #	DESCRIPTION	QTY
820635 - PARTS LIST			
1	820247	#8-32 SQUARE NUT (11/32” WD X 1/8” THR)	1
2	820444K	BIG TOM PRO TURKEY DRINKER PIN STOP KIT	1
2.1	820287	BIG TOM PRO TRIGGER PIN STOP	1
2.2	820401K	BIG TOM PRO TRIGGER PIN PIVOT KIT	1
2.3	820402	BIG TOM PRO TRIGGER PIN LIFTER	1
2.4	820634	BIG TOM PRO NIPPLE	1
3	VH340	HANGER BRACKET W/ NUT & BOLT	1
4	VT185L	LARGE BIG TOM TURKEY CUP	1
5	VT185SCREWLG	#8-32 X 1=1/2” HEX SCREW	1
OPTIONAL ITEMS			
6	820629	1.575” DIA. GREEN FLOAT BALL	1

820636 - EXPLODED DRAWING AND REPAIR PARTS LIST



KEY	PART #	DESCRIPTION	QTY
820636 - PARTS LIST			
1	820247	#8-32 SQUARE NUT (11/32” WD X 1/8” THR)	1
2	820444K	BIG TOM PRO TURKEY DRINKER PIN STOP KIT	1
2.1	820287	BIG TOM PRO TRIGGER PIN STOP	1
2.2	820401K	BIG TOM PRO TRIGGER PIN PIVOT KIT	1
2.3	820402	BIG TOM PRO TRIGGER PIN LIFTER	1
2.4	820634	BIG TOM PRO NIPPLE	1
3	VH340AL	HANGER BRACKET W/ NUT & BOLT F/ ALUM	1
4	VT185L	LARGE BIG TOM TURKEY CUP	1
5	VT185SCREWLG	#8-32 X 1=1/2” HEX SCREW	1
OPTIONAL ITEMS			
6	820629	1.575” DIA. GREEN FLOAT BALL	1