

# Procedure to Re-Plumb Telescoping Valve with Floor Stand Mounting Bracket

- 1 Lower valve to low water level.
- 2 Shut off water supply to tank.
- 3 Raise valve back to high water level.
- 4 Using a rope, place it around slip tube below bale risers, then tie it off temporarily to floor stand mounting bracket.
- 5 Adjust valve so the rope is supporting weight of slip tube.
- 6 Remove the two bolts connecting the bale crossbar to the bale risers.
- 7 Adjust valve enough to remove bale crossbar from stem.
- 8 Attach bale crossbar back onto bale risers. Make sure the hole in the crossbar is facing up and down (vertical).
- 9 Remove the four bolts holding floor stand to mounting bracket.
- 10 Remove floor stand assembly from floor stand mounting bracket.
- 11 Using a level on top of mounting bracket, check the mounting bracket for being level both front to back and right to left.
- 12 Using two ropes, attach one to one side and one to the other side of the one inch square bale crossbar, leaving the threaded hole exposed.
- 13 Tie off the two ropes, one on each side, to the angled braces on the mounting bracket. Keep ropes from sliding by using vise grips.
- 14 Remove the 1st rope used to hold slip tube in place on step 4.
- 15 Using a level, place it onto side of slip tube. Check and adjust to make plumb in both directions.

- 16 Using a piece of string line approximately 30 inches long, tie it around the top plate of the floor stand mounting bracket (the 12 inch width way) DO NOT TIE IT TIGHT, string should be loose and dangle down when pulled from underside of biggest slot.
- 17 Using a plumb-bob with a string attached to it, tie end of plumb-bob string to the top string from step 16 that is on top of mounting bracket, going through largest slot using a slip not. This will self-center the plumb-bob with the largest slot.
- 18 Using the plumb-bob, check mounting bracket alignment with threaded hole on bale crossbar. In and out adjustment of top of string may be needed. Once alignment is verified  $\pm 1/8$  inch, mark mounting bracket where the top string is in alignment. This mark will be used to set floor stand in step.
- 19 Remove plumb-bob and top string. Place floor stand assembly back onto mounting bracket. Install four bolts onto floor stand but DO NOT TIGHTEN. Center floor stand on mounting bracket using the marks on mounting bracket done in step 18.
- 20 Operate hand wheel to align stem with threaded hole in bale crossbar. Once verified snug the four bolts on floor stand.
- 21 Reattach 1st rope as done in step 4 and tie it off to mounting bracket. Try to keep as vertical as possible.
- 22 Remove vise grips and ropes from angled braces on mounting bracket. Remove the two ropes from bale crossbar.
- 23 Remove bale crossbar from bale risers again and attach it to stem again.
- 24 Operate hand wheel to adjust height to attach bale crossbar to bale risers using two  $1/2$  inch bolts supplied.
- 25 Operate hand wheel to create slack in rope and remove rope.
- 26 Operate valve to check for operation with minimal resistance once verified tighten 4 bolts on floor stand fully.
- 27 Once valve moves freely turn water supply to tank back on.

