



Installation Instructions

PART NUMBER	158-8215, 158-8215E	
PART DESCRIPTION	TANK RESERVOIR UPGRADE	
REV DATE	8/14/2012	
MACHINE MODELS	CROSSFIRE LANE MACHINES	

TOOLS NEEDED	PARTS
Phillip Screwdriver 3/8" Wrench Razor Knife Rags 7/16" Wrench Wire Cutters 3/4 Deep Socket and Ratchet 1/2" Wrench Silicone Regular Flat Head Screwdriver	
TECHNICAL NOTE	
Please thoroughly read the instructions prior to performing the installation of this assembly. To avoid any potential problems, if at any time during the process you have a question, stop and contact our Tech Support department at the numbers listed below.	

STEPS

1. Lay machine down in the operating position. Make sure power is disconnected from the machine. Open the Oil Compartment Lid.
2. Remove the two screws that mount the Conditioner fill tube angle to the machine. Remove the clamp that secures the tubing to the white fitting on top of the tank. Discard angle, tubing, and fasteners.

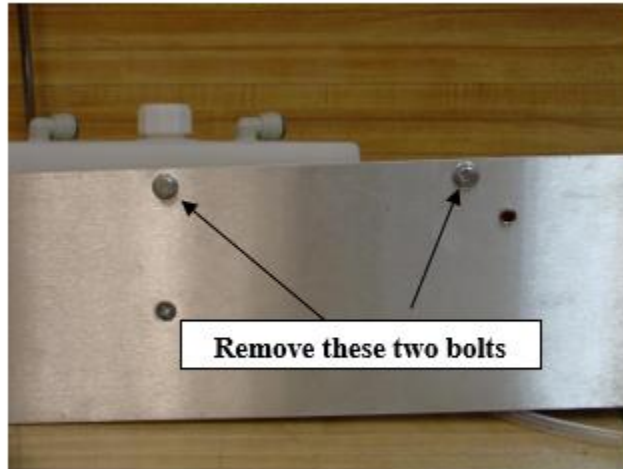


Within USA - 1-800-280-2695
 Outside USA - +1 863-734-0200
www.kegel.net
 E-Mail: tech@kegel.net

Rev. 9/20



3. Use a $\frac{3}{4}$ " deep socket to remove the white fitting from the top of the reservoir tank.
4. Screw the NEW threaded elbow fitting into to the top of the tank where the white fitting was previously. The opening in the elbow needs to be facing 4 o'clock (from behind the machine and looking down at the elbow) when tight.
5. There is a rectangular cover plate on top of the tank reservoir, remove the four fasteners that secure this plate to the tank. You may have to use a flat head screwdriver to pry the plate up. Remove all silicone from the top of the tank (be careful not to get any silicone inside the tank). Save washers.
6. The tubing that connects to the fitting in the old plate has to be disconnected from the plate, it will be re-used.
7. Take the New Auxiliary tank assembly and lay it on the recovery tank.
8. You will now need to insert the new plate and float assembly into the reservoir tank. Run a bead of silicone around the area where the plate will seal against the top of the tank. Place float plate on top of tank (plate will only fit one way) and fasten using the NEW screws ($\frac{3}{4}$ " long) provided and the washers you removed from the old plate. Do not over tighten the screws. Wipe up any excess silicone from around the edge of the plate. Allow silicone to cure before operating machine
9. Remove the two top bolts (refer to image below) on the auxiliary tank mount plate. These bolts mount the plate to the machine. Once the bolts are removed, place the plate assembly against the inside of the machine rear wall. When the plate is properly aligned, you will see the red LED light though the frame. Insert the fasteners back in the same holes they were removed from. The fastener on the left will go through the frame, the plate, and then into the tank. The fastener on the right will go through the frame and the plate and will need to be secured using the washers and nut.



10. Insert the hose that comes from the right side of the valve into the new elbow fitting on top of the reservoir tank (hose may need to be trimmed to fit).
11. Insert the stem elbow (provided in kit) into the left-most elbow on top of the auxiliary tank.
12. Insert the hose (hose may need to be trimmed to fit) that comes from the plate on top of the reservoir tank into the stem elbow you just installed.
13. Connect plug from Upgrade plate with the connector from the machine wire harness (located under the keypad).
14. Now take the vent hose (connected to the tee fitting) that has the filter on one end and insert it into the remaining elbow on top of the Auxiliary tank. The hose should run under the keypad assembly and then into the elbow (trim hose if necessary).
15. Fill the NEW auxiliary tank with conditioner.

NOTE: THE PROGRAMMING OF THE KEYPAD & PLC IS DIFFERENT FOR THE XF MODELS. IF PROGRAMMING A MODEL A OR B MACHINE (XF-0908 & BELOW), FOLLOW STEPS # 16-26. IF PROGRAMMING A MODEL C MACHINE (XFO-0909E & ABOVE), FOLLOW STEPS # 27 – 34

XF MODELS A & B PROGRAMMING (STEPS #16-26)

16. Apply power to the machine. On the keypad, scroll through the menus until you come to the System Upgrade & Options screen.

17. Press the MOD key.

18. You will now need to enter the password to access this screen. The password is 123.

19. Use the UP Arrow key to change the first digit to a "1".

20. Press the Right Menu key. UP Arrow and change the second digit to a "2".

21. Press the Right Menu Key. UP Arrow and change the third digit to a "3".

22. Press the ENTER key.

23. Press the ENTER key again to menu past the Pad option.

24. You will now be on the Auxiliary tank screen.

25. Press the MOD key.

26. Use the UP Arrow key to change the screen to "YES". Press ENTER and then Press ESC.

XF MODEL C PROGRAMMING (STEPS 27 – 34)

27. Apply power to the machine. On the keypad, scroll through the menus until you come to the COPYRIGHT screen.
28. Press the Down Arrow three times until you come to the DATA MEMORY screen.
29. Press the Menu key until you come to the HOLDING RELAYS screen.
30. Press the UP Arrow key until you come to either the HR 410 (8-Pad Tournament Edition) or HR 411 (Tank Upgrade ONLY).
31. Press the Next key.
32. Press the Down Arrow key to turn the function “ON”.
33. Press the F6 key to lock the function.
34. Remove power from the machine (reboots the PLC).
35. Run the machine and test for proper operation.

