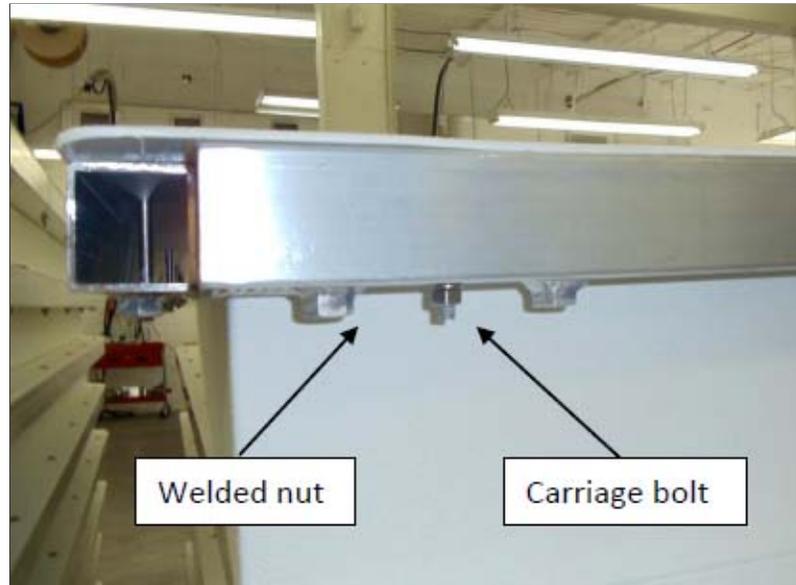
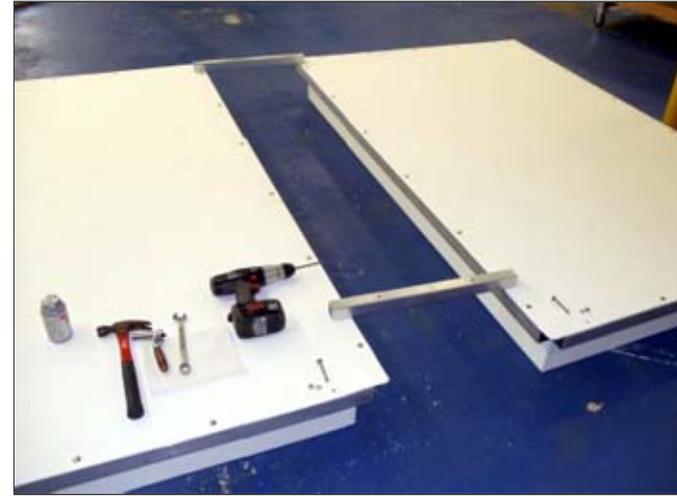


## ACCUDOCK® HOW TO CONNECT FLOATS TOGETHER



A typical float corner (where you will connect floats together) has a carriage bolt and two welded nuts.

WATCH THIS VIDEO - THEN READ THE INSTRUCTIONS BELOW.



1. Above shows the straight connector pieces and two floats - to connect floats together end to end, (two 4 X 8's make a 4 X 16), or side to side (two 4 X 8's make an 8 X 8).

The tools you will need are:

3/4 wrench/socket

1/2 wrench/socket

Hammer

cordless drill with 21/64" (if not available use 5/16") bit.



Remove carriage bolt



slide in connector



drill out hole if necessary



Re-insert bolt - DON'T TIGHTEN YET - connector should be loose so floats are easier to push together.

**2.** Remove the end carriage bolts on the two floats to be connected together. Slide the connectors into the frame of one of the floats. Line up the holes in the connector piece with the bolt hole, and re-insert the carriage bolt and then the lock washer and nut - **don't tighten the nut until both frames are pushed together completely.** (you may need to run a 3/8's drill bit down thru the bolt hole - polyethylene expands with temperature changes, and make it difficult to re-insert the bolt)



**3.** Line up the connector pieces with the next float and slowly push the two floats together - making sure to push them together evenly - if one side gets pushed in too far ahead of the other side, it will bind and not go in. (you can apply a little dish soap on the connector to help it slide more easily)



Quick hole drill out



re-insert carriage bolt



tighten - DON'T OVER TIGHTEN



Tighten the other carriage bolt that was left loose until floats were pushed together.

4. Push the two floats together fully and insert the second carriage bolts. Tighten down the carriage bolts. (run the 3/8 drill bit down thru the hole to make reinsertion of the bolt easier - as needed)

### PROPER TIGHTENING OF NUTS AND SET BOLTS

The first inclination is to tighten down as hard as possible - DO NOT DO THIS. Tighten the carriage bolts **only until snug - do not over tighten**. Tighten the carriage bolt nut until the lock washer flattens out then another half turn. See video above - which shows the bolts being tightened to proper tightness.



5. Now you are ready to insert the set bolt/screws: Apply anti-seize to the set bolts. Insert the set bolts/screws.



Anti-seize



screw in set bolts by hand



6. Now tighten the set bolts - **tighten by hand, then another 3/4 turn with a wrench.**

7. Re-check the set bolts once you have them tightened - to ensure they are all properly tightened, as sometimes tightening one set bolt leaves others less tight.

Connecting the floats together is best achieved on land, or in shallow water. If you connect in deeper water - the floats must be kept **level** in the water in order to slide the connector piece into the adjoining float. If you are connecting the floats together and standing on the floats - it may be necessary to move back into the

center of the float in order to pull the two floats together.

If you have any additional questions - re-watch the video above - or call Accudock at 954-785-7557. We are available 24 hours a day to handle your questions.

**ADDITIONAL INFORMATION:** Why are there both carriage bolts and set bolts?

The carriage bolts hold the connector in position in the frame. The connectors were made a little smaller than the frame slot diameter, to allow them to slide in more easily. Tightening down the carriage bolt TOO HARD does not totally keep the connector from moving a little - due to the fact that it is smaller than the frame it is inserted in.

The set bolts/screws job is to push up on the connector and take any movement out of the connector. Proper tightening of the set screws ensures that the Accudock Frame System acts as one continuous frame - throughout the length of your dock - no rocking or pivoting between sections.

Failure to insert and properly tighten the set screws, will allow the dock to "wobble" around due to effects of waves and water motion, and wear out the connectors, causing potential failure between the connection points. Proper insertion of the set screws ensures you enjoy years and years of enjoyment on a very stable floating dock system.