Harvest

PD2B-i POD FIELD SERVICE MANUAL

REVISION HISTORY

Rev	Description	Date
A	Initial Release	5/6/24

REPAIR TOOL LIST

- Wrench, adjustable, at least 1 1/2”
- Wrench, 1 1/2”
- Wrench, 1-5/16”
- Wrench, 7/16”
- Wrench, 3/16”
- Wrench, 7/8”, for pump bushings
- Hex tool, 1/16” drive
- Hex tool, 1/8” drive
- Hex tool, 3/32” drive
- Philips screwdriver
- Pliers, Needle nose
- Pliers, diagonal cutter
- Sharkbite 1/2” fitting removal tool (or “disconnect tongs”)

REPAIR CONSUMABLES LIST

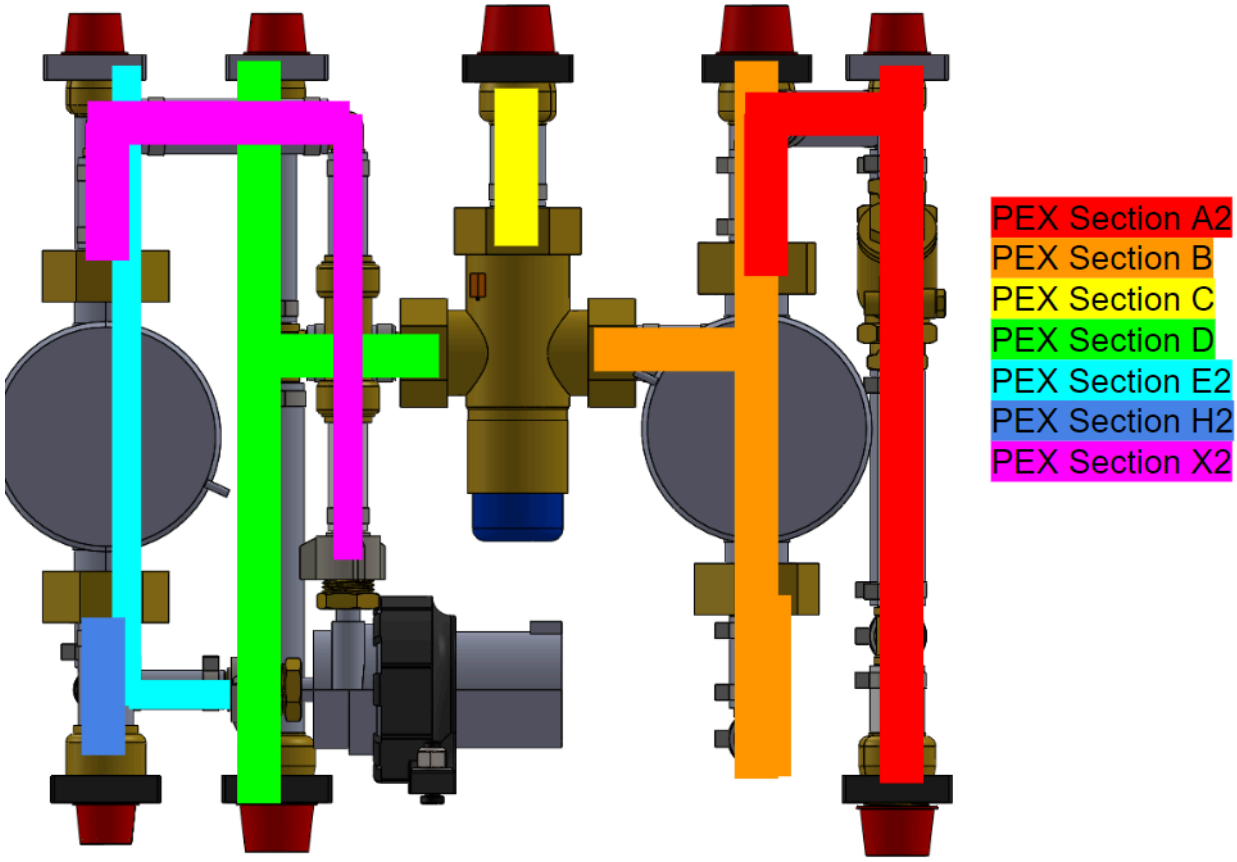
- Zip ties or Twist ties
- Pipe Thread sealant - Blue Monster
- Isopropyl alcohol
- Materials for labeling wires

DIAGNOSTIC TOOL LIST

- Digital manometer
- Cat 5 or 6 cable (qty 2)
- Cat 5 breakout junction box (qty 2)
- Digital multimeter and current clamp (ac capable, with low amp measurement)
- Pod internal sensor wiring - jumper cables
- Kill-a-Watt or equivalent power measurement device
- Outlet splitter
- USB extender
- Thermocouple
- Spare thermostat

Harvest

PEX SECTION IDENTIFICATION GUIDE



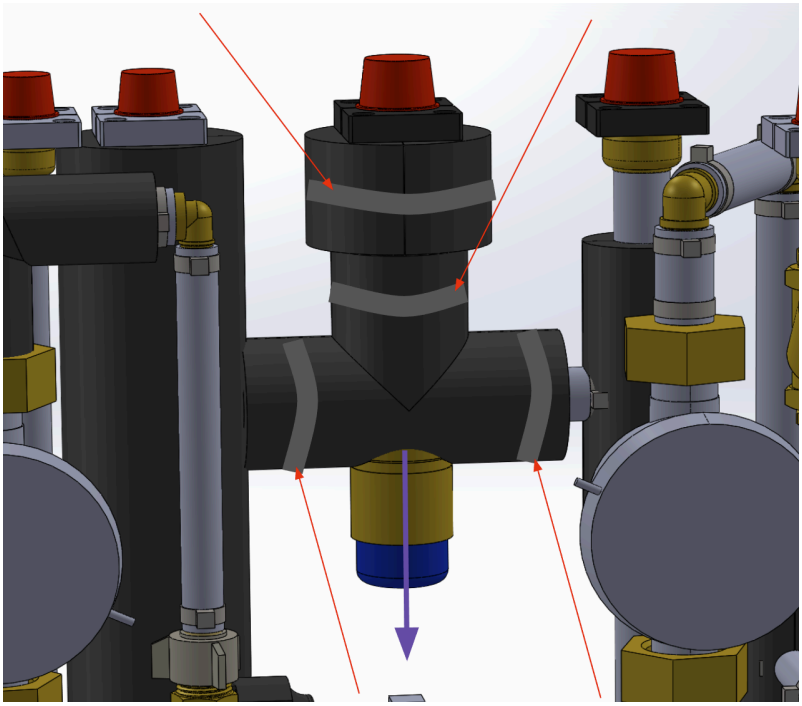
MIXING VALVE

Adjustment:

- ☐ Open front panel
- ☐ Refer to mixing valve service manual for full adjustment instructions:
  100489 Install and Service Resideo AM-1.pdf
- ☐ Loosen screw on locking cap (requires short screwdriver)
- ☐ Pull down locking cap to free the adjustment mechanism.
- ☐ Rotate clockwise for hotter, counter-clockwise for colder mix. 125 F is 180 degrees from max. The resolution is 30 degrees rotation per 4 degree F
- ☐ Replace locking cap to locked position

Removing:

- ☐ Drain the system
- ☐ Open front panel
- ☐ Remove velcro straps from insulation around mixing valve and DHW line (red arrows)



WARNING: COMPONENTS MAY STILL BE HOT

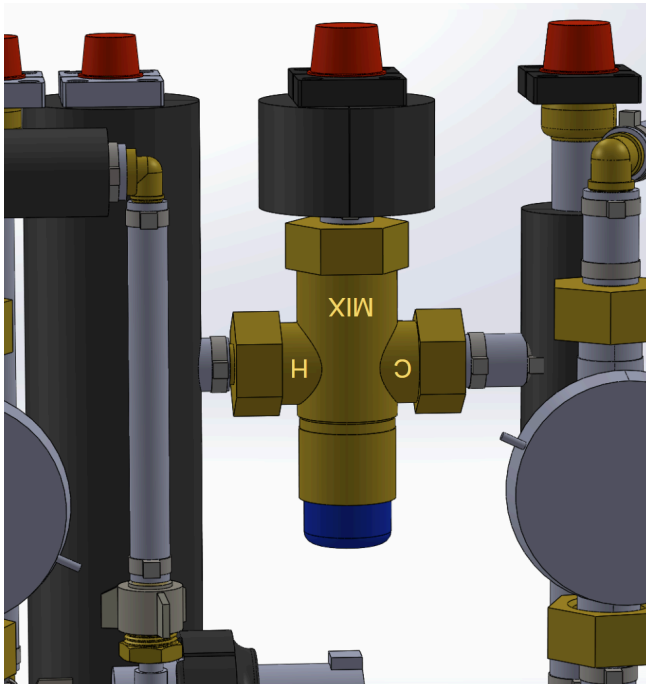
- ☐ Remove insulation from around top segment
- ☐ Pull down carefully on insulative tee to remove from mixing valve (purple arrow)
- ☐ Optional: place towel at bottom of enclosure to catch excess moisture during disassembly
- ☐ Unscrew 3 couplers on mixing valve (1 1/2” wrench)
- ☐ Remove mixing valve from enclosure

Service:

- ☐ For information on how to:
  Clean or replace check valves
  Clean or replace thermostat mechanism
- ☐ Refer to mixing valve service manual:
  100489 Install and Service Resideo AM-1.pdf

Replacing:

- ☐ Use Field Replaceable Unit (FRU) # 201088
- ☐ Use new gaskets:
  Mfr PN: AMU200-RP
  Manufacturer: Resideo Braukmann
  FRU #: 201059
- ☐ Put mixing valve into enclosure, and tighten the coupler nuts (1 1/2" wrench)
- ☐ Check the orientation - Hot port goes to left when facing the Pod (marked 'H')

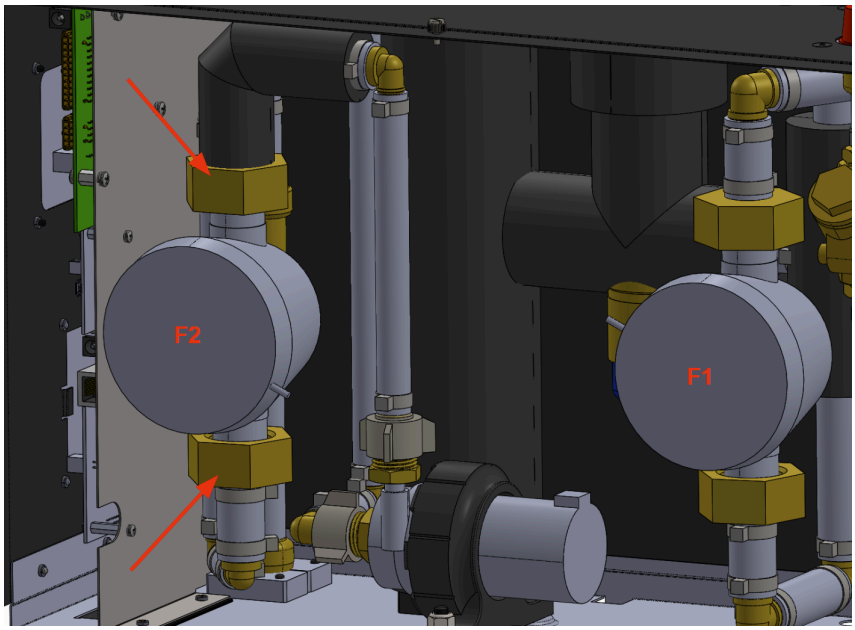


- ☐ Fill system, check for leaks
- ☐ Adjust to target temperature setting
- ☐ Add back insulation around valve and DHW line
- ☐ Add velcro clasps to insulation
- ☐ Close and secure front panel

FLOW METERS

Removing:

- ☐ Drain system
- ☐ Open front panel
- ☐ F1 is the meter on the **Right**, F2 is the meter on the **Left**.
- ☐ Find the connector labeled “F1” or “F2” depending on which you are replacing, and unplug it.
- ☐ Untangle the wire from the cable management. Cut cable zip ties where necessary
- ☐ If removing F2, remove the insulation on the elbow immediately above the meter. You will need to undo the two velcro straps to do this.
- ☐ Unscrew coupler nuts (red arrows) using a wrench (1 1/2” wrench) , while holding the meter in place. You can use Harvest PN#201116, a thin-profile 1-5/16”, wrench to hold on to the flow meter hex profile.
- ☐ Remove meter



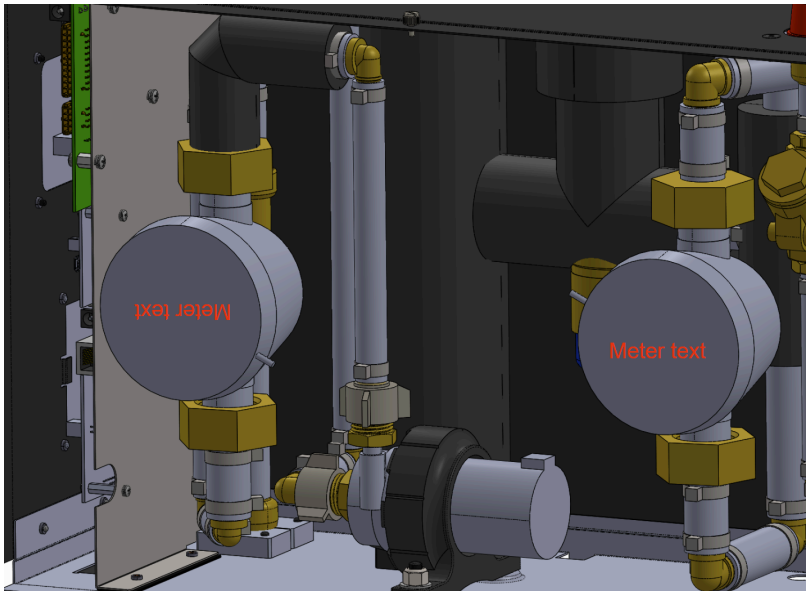
Service

- ☐ Limited service is possible, a clog at the inlet screen could be gently cleaned, but associated particles should not be pushed into the meter. Rinse with clean water afterwards

Replacing:

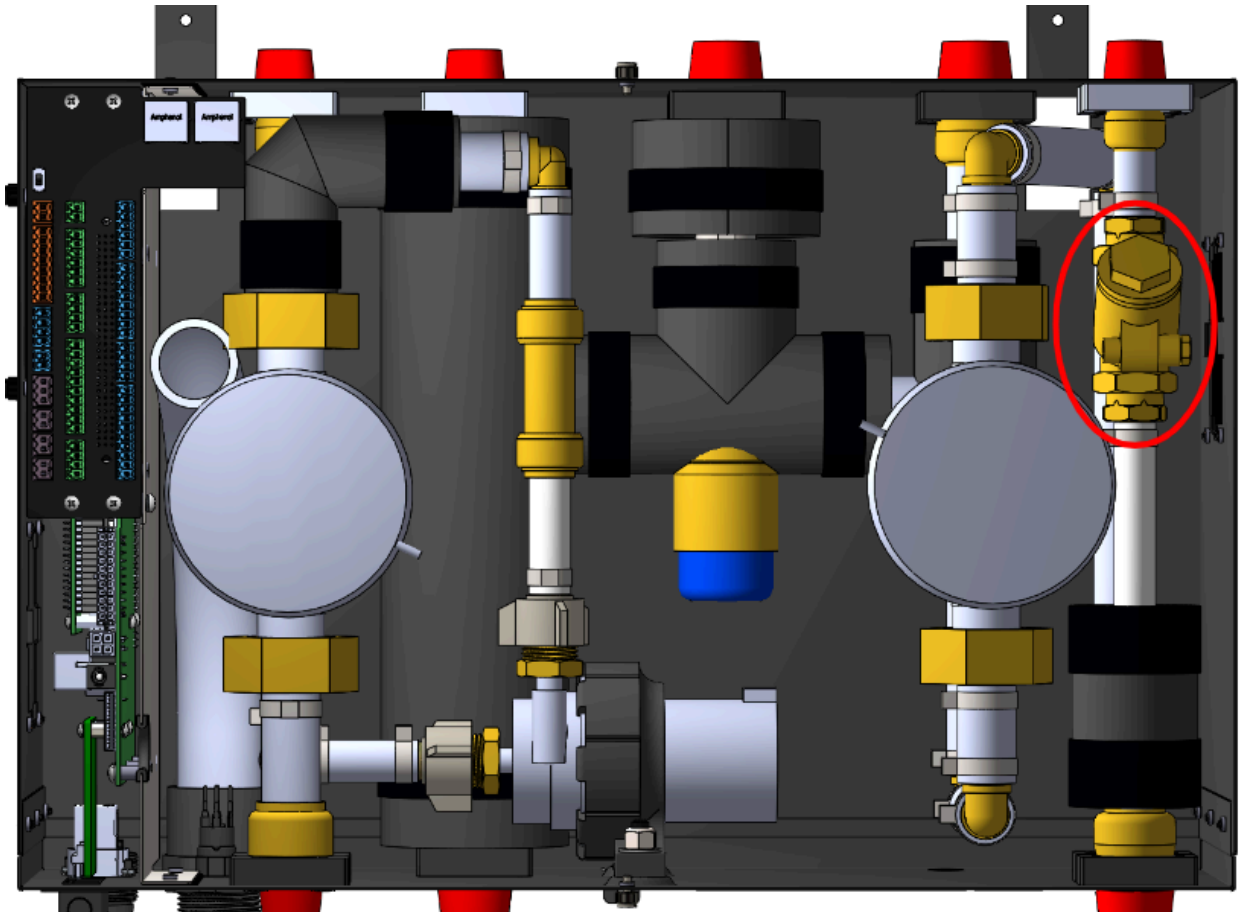
- ☐ Use Field Replaceable Unit (FRU) PN# 201083
- ☐ Put meter in place, noting orientation.

- ☐ F2 (the left meter) must be installed with the display upside down and facing toward the front panel. Arrow on the side will be pointed DOWN.
- ☐ F1 must be installed upright with the display facing toward the front panel. Arrow on the side will be pointed UP. See below image.



- ☐ Screw on and tighten couplers (1 1/2” wrench), while holding the meter in place. You can use a thin-profile 1-5/16”, wrench to hold on to the flow meter hex profile.
- ☐ Refill system, checking for leaks, tighten further as needed
- ☐ Plug in sensor to corresponding labeled connector. Either “F1” or “F2”, depending.
- ☐ Secure wire in place with cable tie
- ☐ Reattach front panel

SWING CHECK VALVE SERVICING

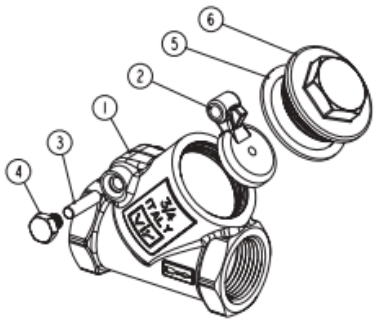


Removing:

In general, removal of the swing check valve is not recommended. The check valve contains an integrated service port, through which maintenance and repair can be performed.

Material

	Part	Material	Specification
1	Body	Lead Free Brass	ASTM B927 C28500
2	Disc	Lead Free Brass	ASTM B927 C28500
3	Stem	Lead Free Brass	ASTM B927 C28500
4	Screw	Lead Free Brass	ASTM B927 C28500
5	Gasket	PTFE	PTFE
6	Cap	Lead Free Brass	ASTM B927 C28500



Service or Repair

- ☐ Drain the system
- ☐ Remove service port cover (6)
- ☐ Remove and clean valve disc (2)
- ☐ Clean valve seat (inside of body (1))
- ☐ Clean and reinstall stem (3), replace if necessary
- ☐ Re-install service port cover, use replacement gasket (5)
  Mfr PN: AMU200-RP
  Manufacturer: Resideo Braukmann
  FRU#: 201059
- ☐ Fill and pressurize system, check for leaks and adjust as necessary
- ☐ Close front panel

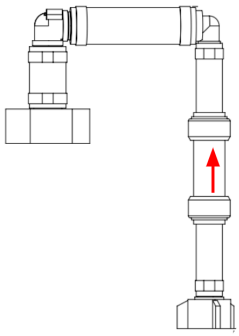
SPRING CHECK VALVE INSPECTION

Removing:

- ☐ Follow instructions for removing section X2
- ☐ Using a permanent marker, mark on the PEX tube where it exits from the spring check valve. This will be used to ensure proper reattachment
- ☐ Use a sharkbite disconnect tool (1/2” size) to remove the swing check valve from the rest of Section X2.
- ☐ Look into both ends of the spring check valve, checking for obstructions.
- ☐ Remove obstructions as needed

Replacing:

- ☐ Check that the arrow on the spring check valve is facing the correct direction as you reattach. It should point in the direction of the elbow, and away from the straight section with the swivel connector.



- ☐ make sure the pex end is clean of debris, then push into the end of the spring check valve until it stops. The mark made earlier should go up to the lip of the valve entrance.

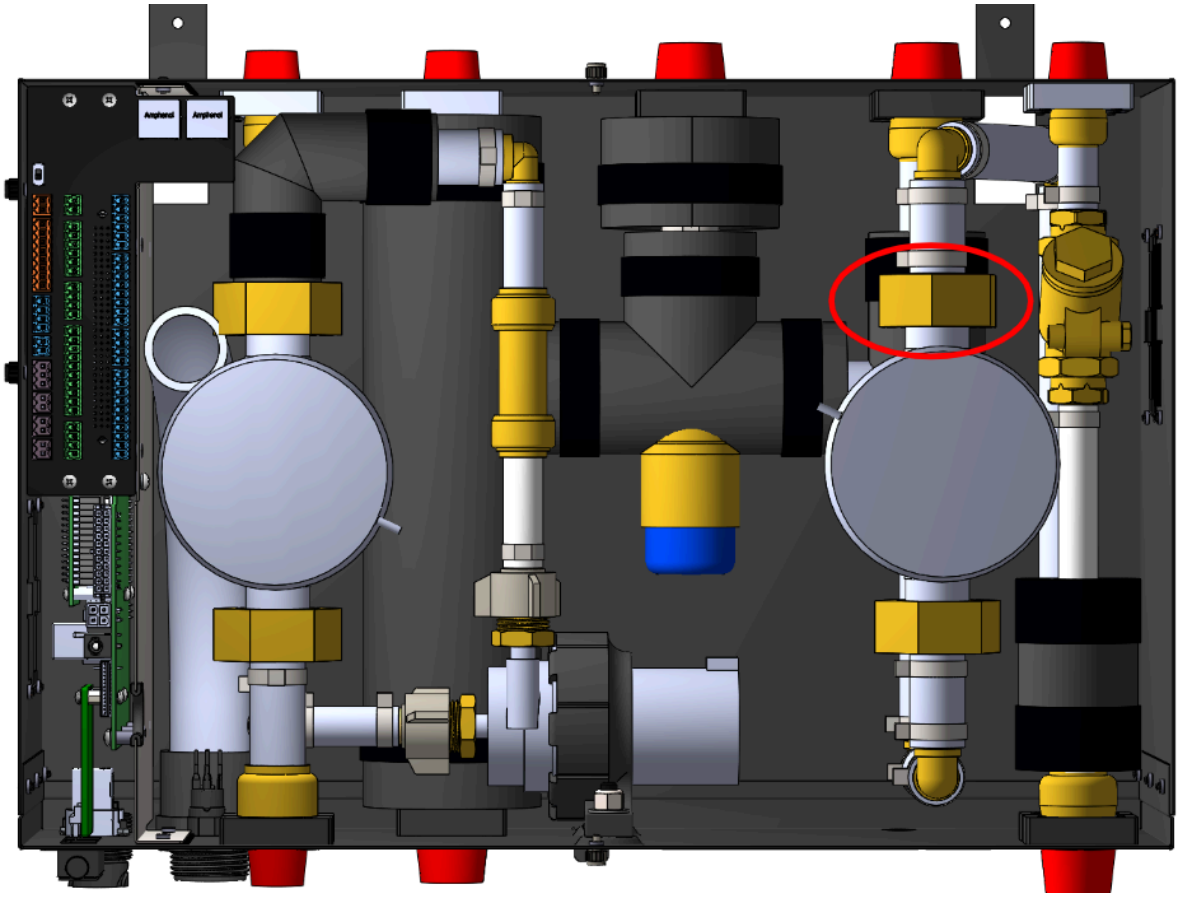
- [ ] Reattach following instructions in section PEX Section X2 in the manual.

PEX SECTION A2

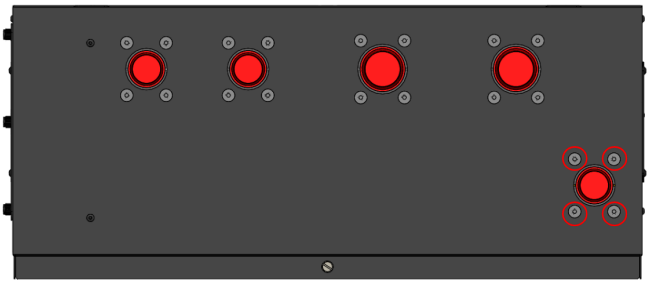
Use Field Replaceable Unit (FRU) # 201836

Removing:

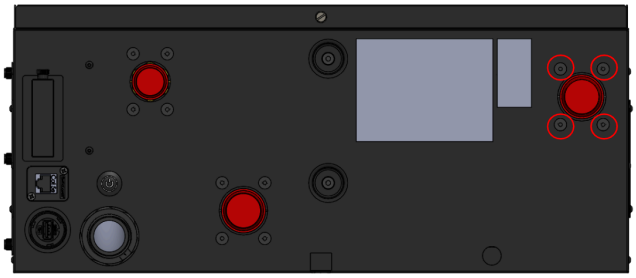
- [ ] Drain the system
- [ ] Remove external connections to ports A and F
- [ ] Open the front panel
- [ ] Find the connector labeled “T5” in the main plumbing compartment, and unplug it Remove cable from any cable management ties inside the pod, so it is only attached on the one end buried in the PEX insulation
- [ ] Unscrew the right Flow meter top coupler nut (1 1/2” wrench) shown below. You will need to hold the flow meter to provide counter rotation



- [ ] Unscrew the flat head hex screws from around ports A and F (circled in red below). Hold on to these screws for reattachment.



(top)



(bottom)

- ☐ Remove the 4 black brackets from behind the ports.
- ☐ You should now be able to remove Pex Section A

Replacing:

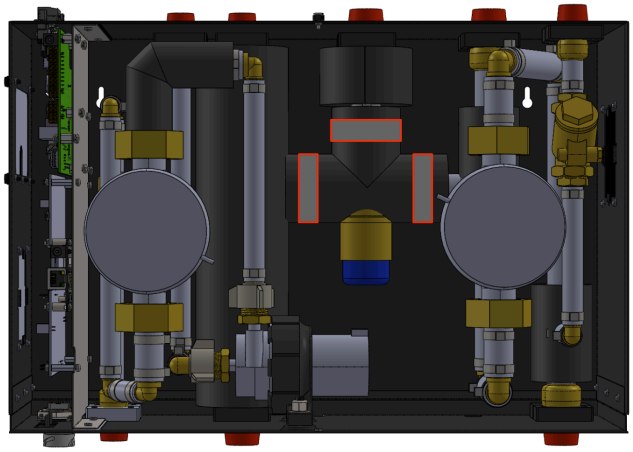
- ☐ Insert the PEX section into the pod
- ☐ Loosely screw in the Flow Meter
- ☐ Add the black brackets onto the brass bulkhead adapters. The smaller brackets go on the inside of port A, the larger brackets inside port F. Make sure the brackets fit snugly and are aligned with the holes in the enclosure wall. If a bracket does not fit, you may need to rotate the adapter by hand to match the hex profile of the hex profile on the inside of the bracket.
- ☐ Secure the brackets using the flat head screws
- ☐ Fully screw on the coupling nut attaching the flow meter (1 1/2” wrench)
- ☐ Reattach external connections to ports A and F
- ☐ Fill the system and check for leaks
- ☐ Locate the cable end in the plumbing compartment labeled “T5” and connect the wire coming off the segment with it.
- ☐ Secure the cable using the wire tie attach points
- ☐ Close the front panel

PEX SECTION B

Use Field Replaceable Unit (FRU)# 201096

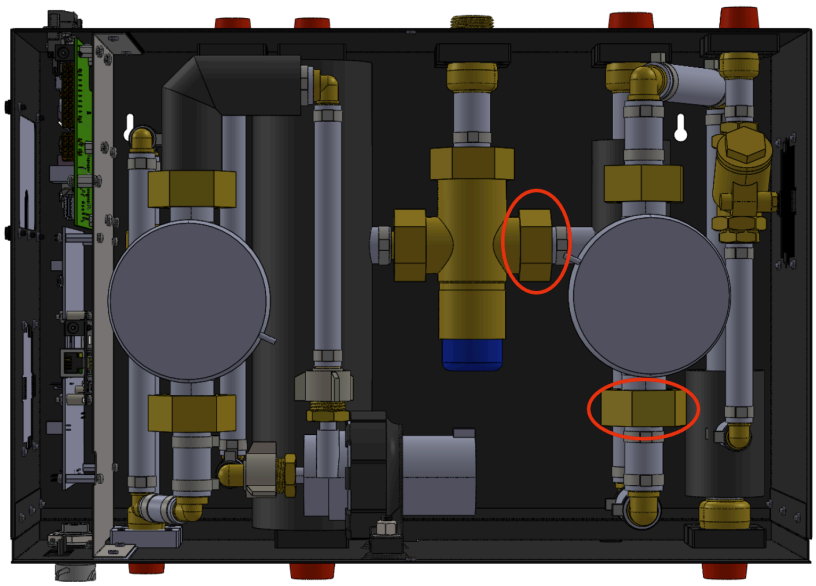
Removing:

- ☐ Drain the system
- ☐ Remove external connections to port B
- ☐ Open front panel
- ☐ Find the connector labeled “T2” in the main plumbing compartment, and unplug it. Remove cable from any cable management ties inside the pod, so it is only attached on the one end buried in the PEX insulation
- ☐ Remove velcro straps from insulation around mixing valve (shown outlined in red)

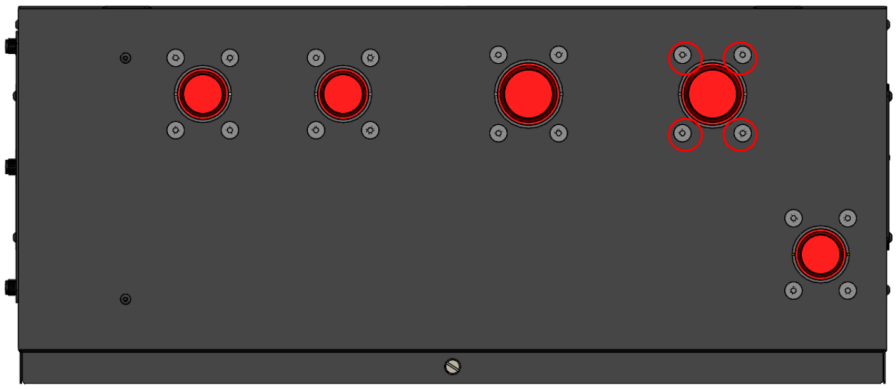


WARNING: COMPONENTS MAY STILL BE HOT

- ☐ Pull down carefully on insulative tee to remove from mixing valve
- ☐ Unscrew coupler at the bottom of the right side flow meter, and also the coupler on the right side of the mixing valve (1 1/2” wrench).



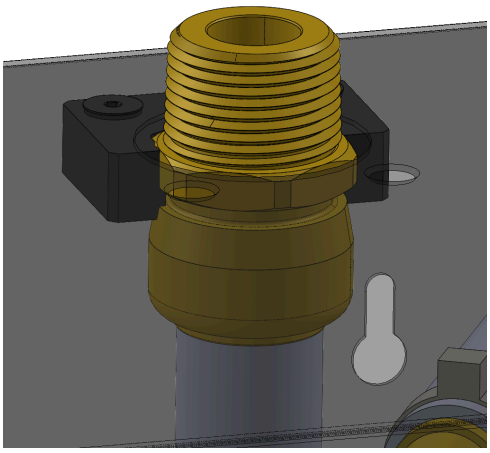
- [ ] Unscrew the 4 screws from the top of the pod that are located around port B. Circled in red below



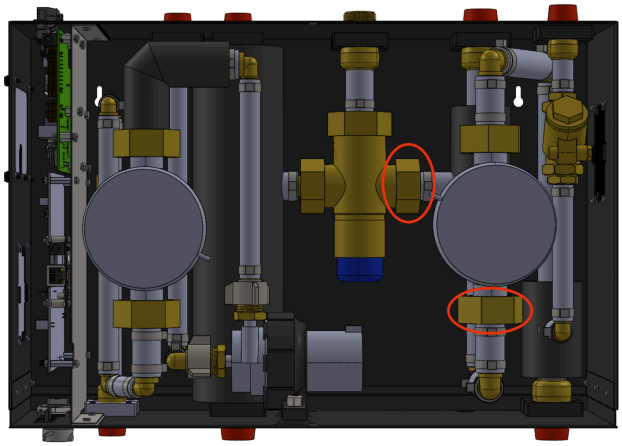
- [ ] Collect the screws and mounting brackets for later assembly.
- [ ] Remove Segment B from the Pod.
- [ ] Remove the velcro clasps around the insulation, and carefully remove the insulation from the PEX junction. Collect insulation and velcro for later assembly.

Replacing:

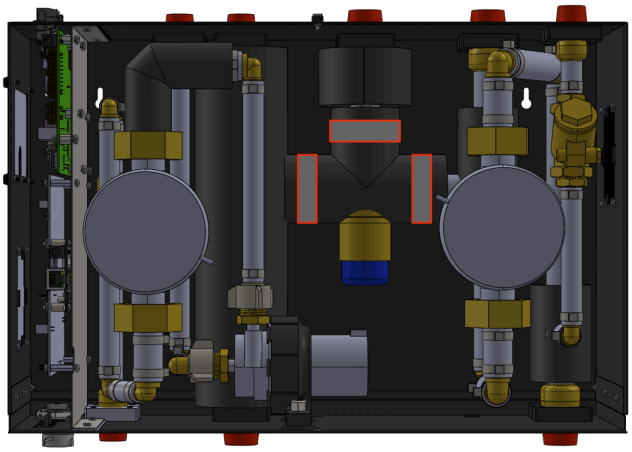
- [ ] Screw in the rear bracket under the B port halfway to use as a guide for realignment. Add in PEX Section B. It should fit snugly against the bracket, without rotating. Screw in the loose bracket



- ☐ Add the second bracket on, and screw in fully.
  Note: The section may not be perfectly aligned with the other coupling connection points. You can rotate the connection to the port on the top to align it better. This will not damage the section.
- ☐ Screw on the coupler to the mixing valve. Use the included gasket inside the mixing valve coupler:
  Mfr PN: AMU200-RP
  Manufacturer: Resideo Braukmann
  FRU#: 201059
- ☐ Screw on the coupler to the flow meter (1 1/2" wrench), holding the flow meter body when attaching to provide counter rotation.



- ☐ Refill the system and test for leaks. Tighten further if needed.
- ☐ Add the insulation back on to the Mixing Valve, securing with the velcro clasps.



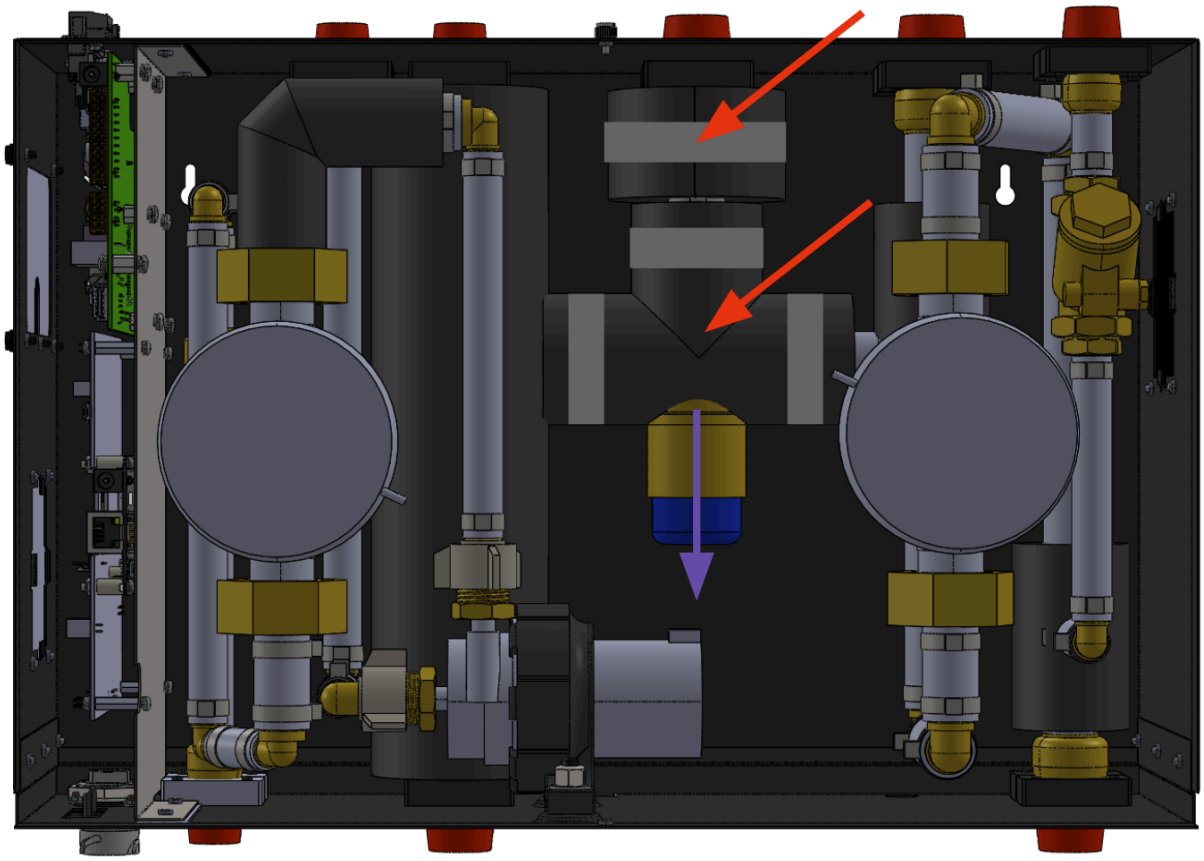
- ☐ Connect the loose wire to the connector labeled T1, and secure with cable ties
- ☐ Close Front panel

PEX SECTION C

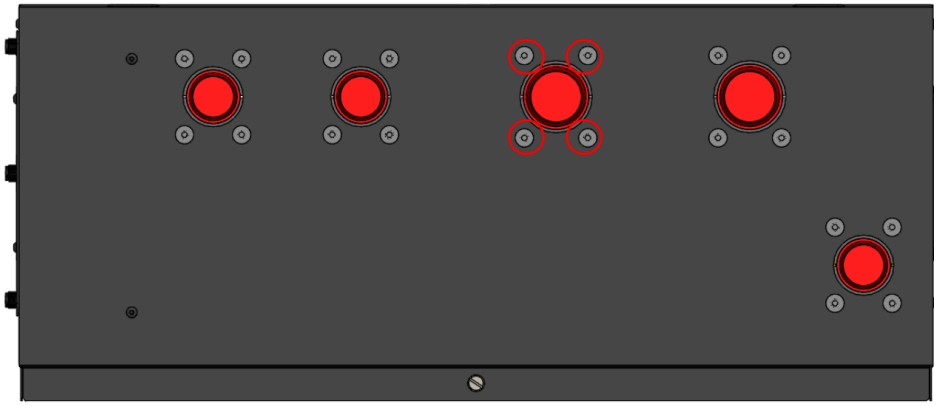
Use Field Replaceable Unit (FRU)# 201095

Removing:

- ☐ Drain the system
- ☐ Remove external connections to port C
- ☐ Open the front panel
  WARNING: COMPONENTS MAY STILL BE HOT
- ☐ Remove the insulation sections indicated below (red), by first removing the velcro straps (shown in gray) holding them on.



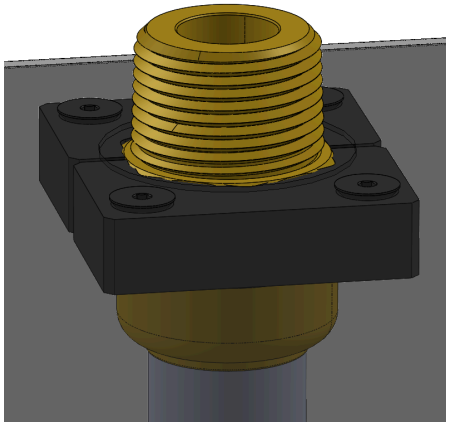
- [ ] Unscrew the four hex screws around port C, circled in red below



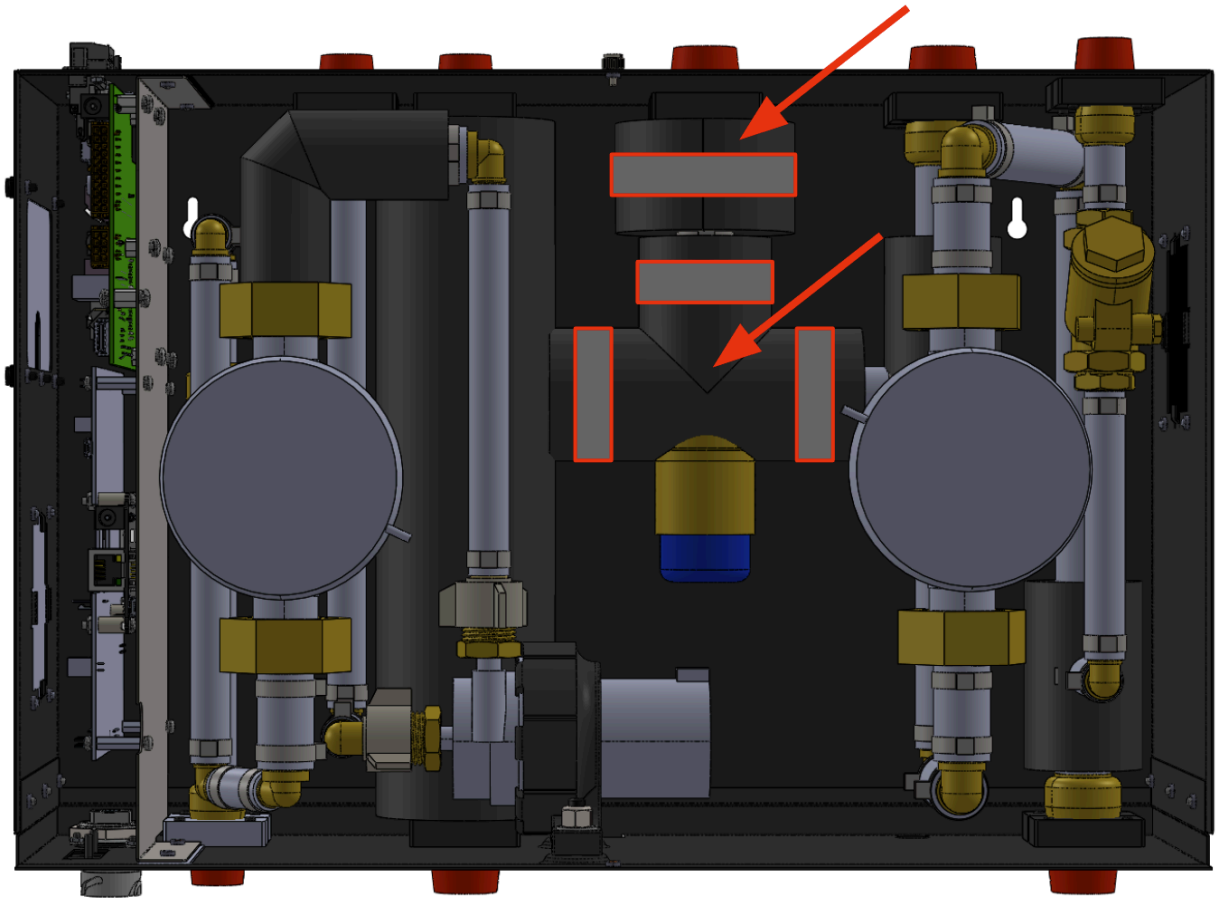
- [ ] Remove the black brackets on the inside of port C.
- [ ] Using two wrenches to minimize counter-rotation, unscrew the top union nut on the mixing valve (1 1/2" wrench). This port is labeled "MIX."
- [ ] Remove PEX Section C

Replacing:

- ☐ Insert PEX Section C into place, and loosely screw onto the mixing valve.
- ☐ Add the two black brackets into place. They should fit snugly around the brass adapter. You may need to rotate the Section slightly to align the holes in the brackets with the holes in the top Pod wall. Screw them in from the outside of the pod.



- ☐ Tighten the nut attaching to the mixing valve (1 1/2” wrench), using a second wrench to provide counter-rotation. Fill the system and check for leaks before continuing.
- ☐ Add back the insulation, and secure with the velcro straps as shown:



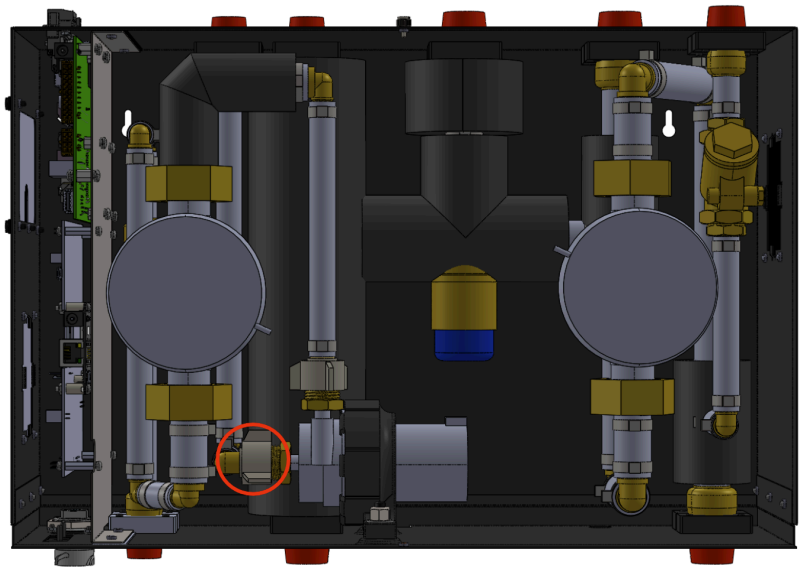
- [ ] Close the front panel.
- [ ] Reattach external connection to port C

PEX SECTION E2

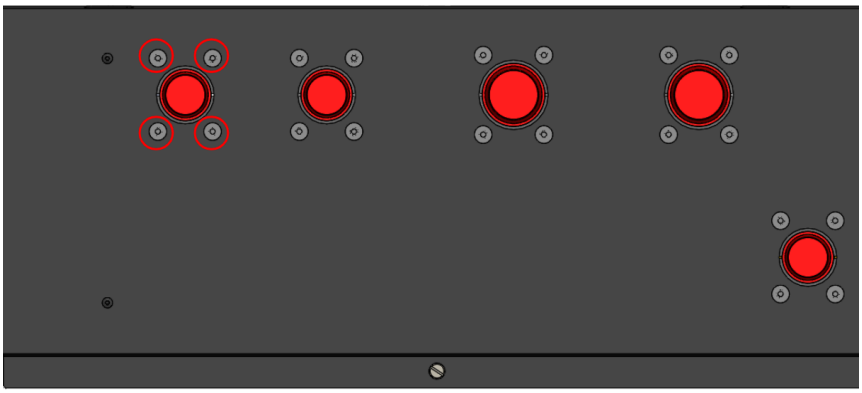
Use Field Replaceable Unit (FRU)# 201638

Removing:

- [ ] Drain the system
- [ ] Remove external connections to port E
- [ ] Open the front panel
- [ ] Unscrew the union elbow attaching this PEX section to the pump, circled in red below. You will need to use a wrench to prevent rotation of the threaded bushings attached to the pump.
  WARNING: Pump housing is fragile and breaks easily. take care to put as little stress on the pump threads as possible.



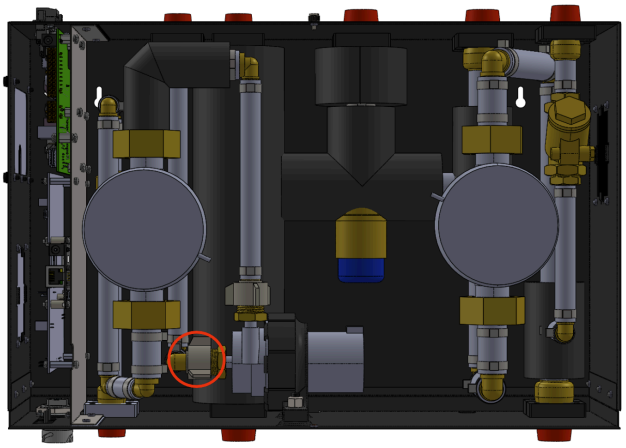
- [ ] Unscrew the four hex screws around port E, circled in red below.



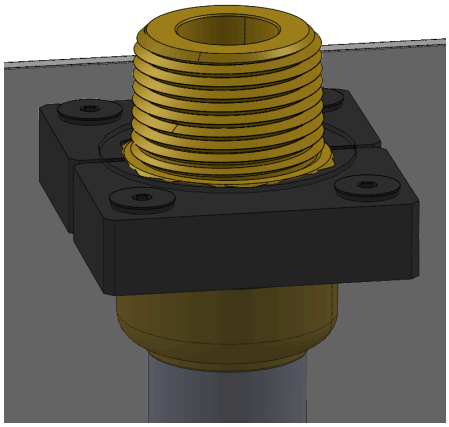
- [ ] Remove the brackets from under port E. Keep for future assembly.
- [ ] Remove Section E2

Replacing:

- [ ] Move Section E2 into position within the pod,
- [ ] Attach the elbow adapter loosely by hand-tightening



- [ ] Add brackets to the front and back of the fitting. You may need to rotate slightly to get the holes to line up with those on the enclosure.



- [ ] Screw in the brackets using the screws
- [ ] Fully tighten the adapter to the pump by hand
- [ ] Fill the system and check for leaks
- [ ] Close the front panel
- [ ] Reattach external connections to port E

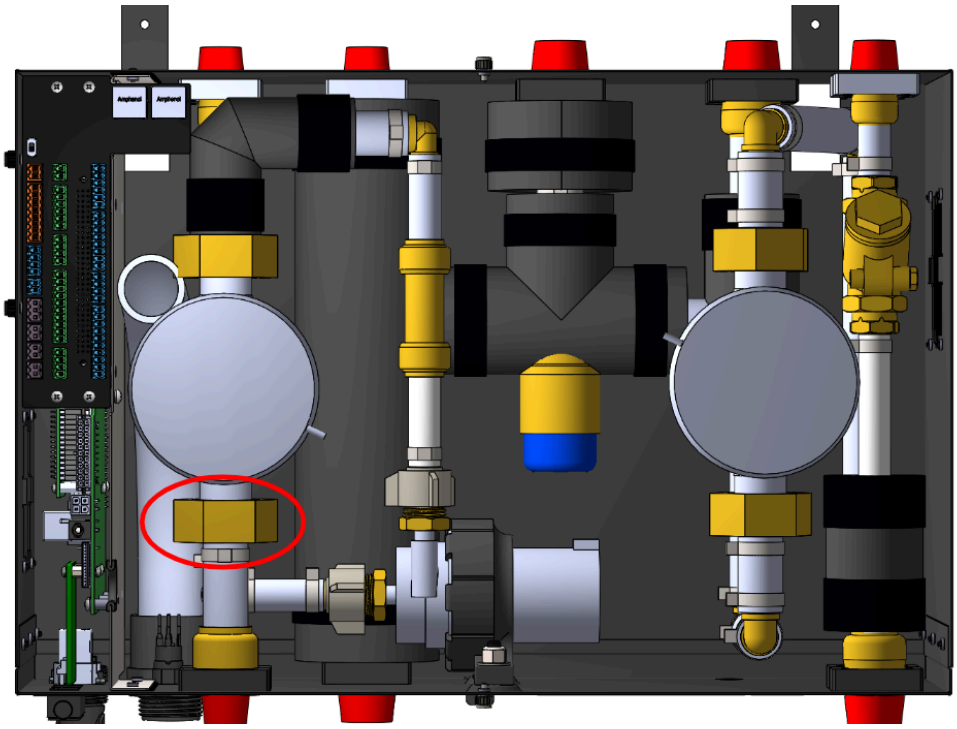
PEX SECTION H2

Use Field Replaceable Unit (FRU)# 201639

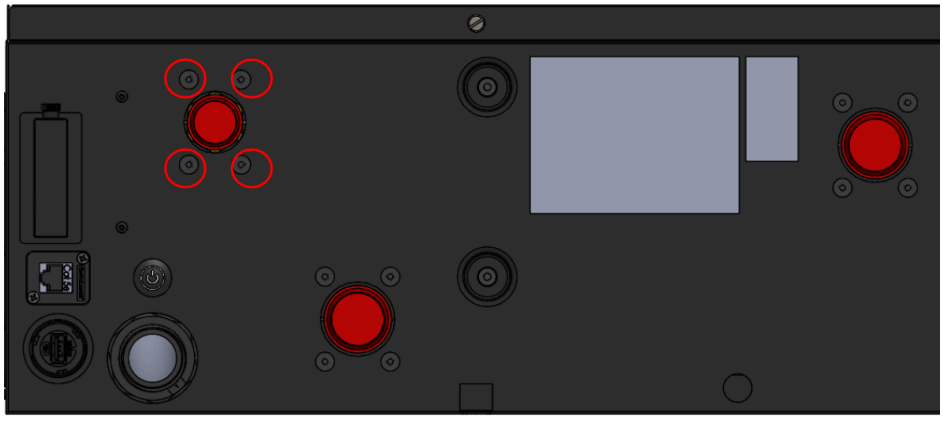
Removing:

- [ ] Drain the system
- [ ] disconnect external NPT connection to port H
- [ ] Open front panel

☐ Disconnect the bottom coupler from the left mixing valve (1 1/2” wrench), shown in red below



☐ Unscrew the 4 screws around port H, circled in red in the following view of the bottom of the Pod.



☐ Remove PEX Segment H from the pod, along with the pair of brackets that go on the inside of port H.

Perform maintenance/replacement

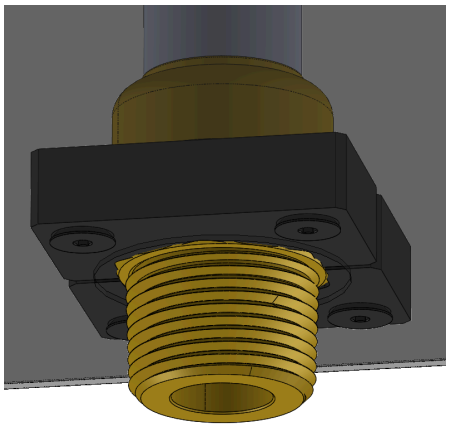
Options

1. Use compressed air and clean water to blow debris or clogs out of the check valve, and re-establish secure seating of the plunger.

2. Replace.

Replacing:

- ☐ Put the PEX Section into place in the pod, and screw on the nut loosely to the flow meter.
- ☐ Add the brackets around it. You may need to rotate the PEX section downstream of the spring check valve to match the hex profile on the bracket.



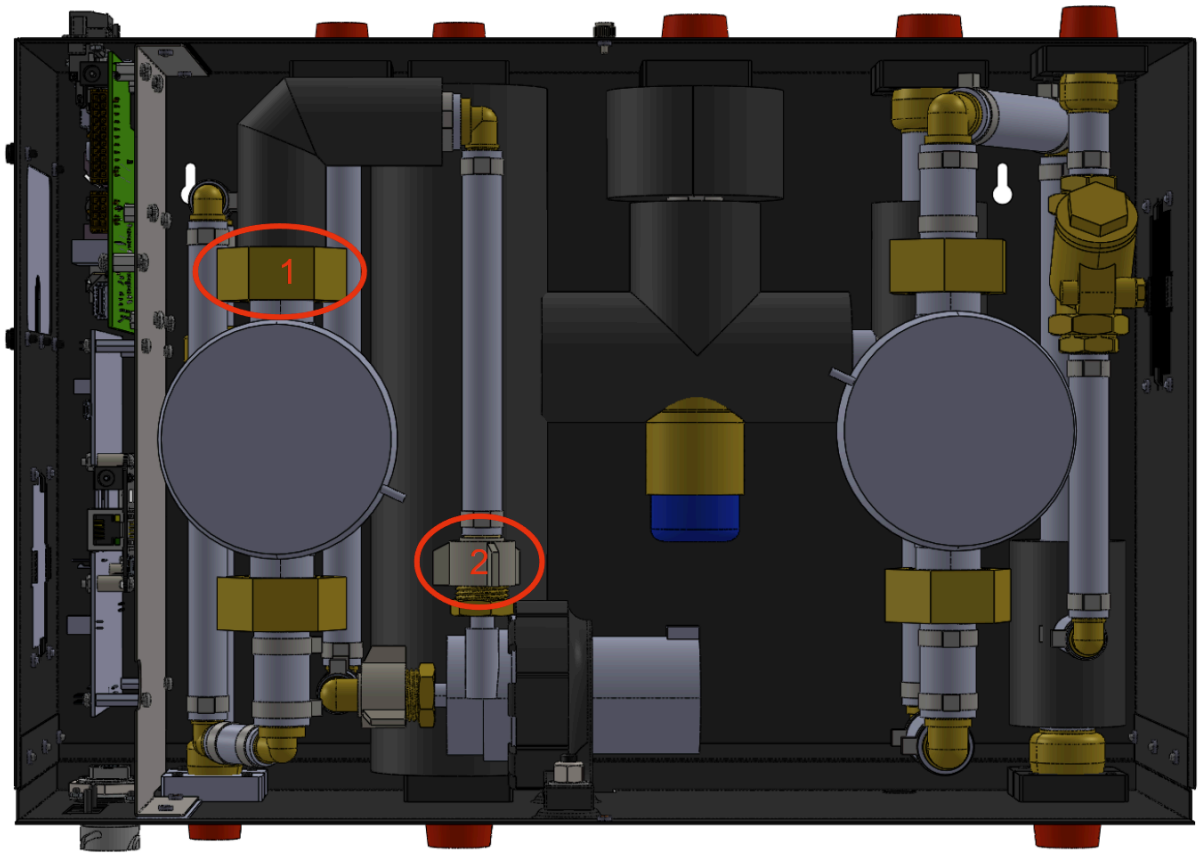
- ☐ Screw in the brackets.
- ☐ Tighten the flow meter coupling (1 1/2" wrench), holding the meter in place for counter rotation.
- ☐ Refill system, checking for leaks
- ☐ close front panel

PEX SECTION X2 w/ SPRING CHECK VALVE

Use Field Replaceable Unit (FRU)# 201640

Removing:

- ☐ Drain the loop in question.
- ☐ Locate the connector labeled T3 in the plumbing compartment, and unplug it. Remove the wire to the plumbing from any cable management on that side.
- ☐ Unscrew the adapters shown below in red. You will need to use a 7/8" wrench to provide counter rotation on "2" so that the pump to brass bushing connection remains. You will need to hold on to the flow meter to prevent counter rotation of the meter when removing "1."
  WARNING: Pump housing is fragile and breaks easily. take care to put as little stress on the pump threads as possible.



Replacing:

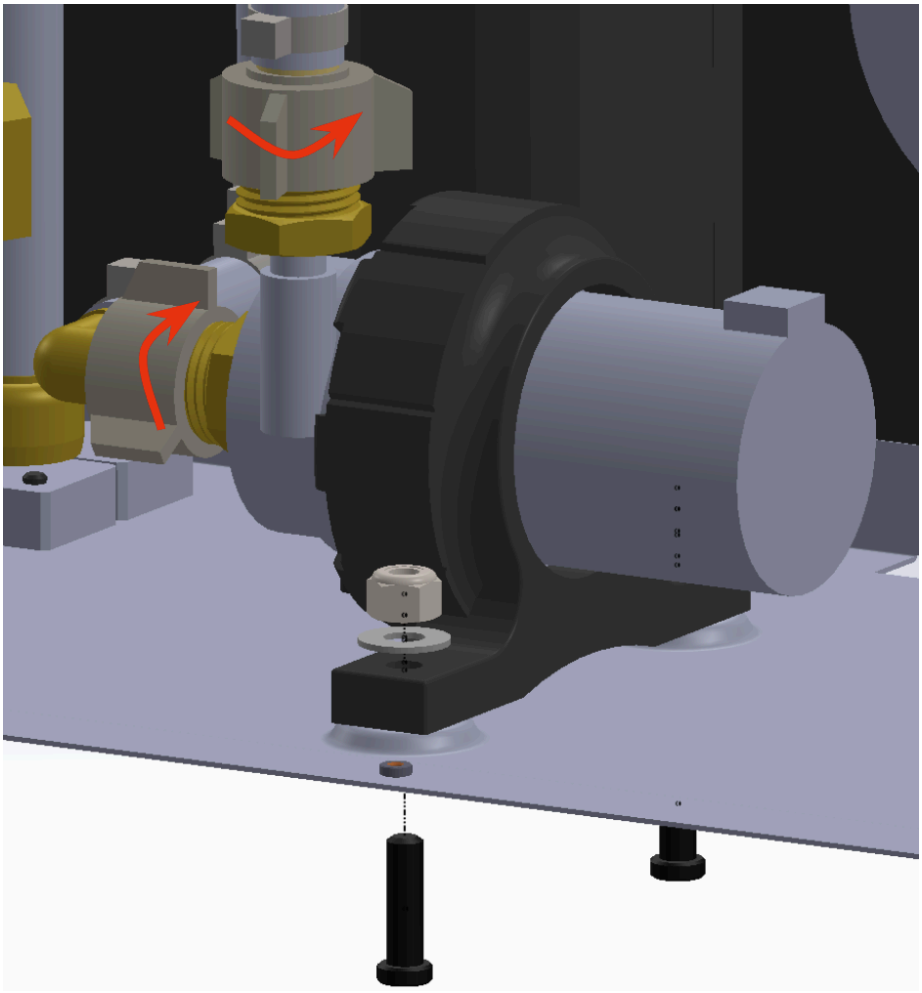
- ☐ Position Section X2 in place, and loosely screw on both adapters. Adapter “1” must be tightened with a 1 1/2” wrench, holding on to the flow meter for counter rotation. Adapter “2” must be hand-tightened.
  WARNING: Pump housing is fragile and breaks easily. take care to put as little stress on the pump threads as possible.
- ☐ Refill the system and check for leaks.
- ☐ Connect the loose cable marked “T3” to the correspondingly labeled receptacle that was unplugged early. Secure the wires using existing tie points.

CIRCULATOR PUMP

Removing:

- ☐ Drain the system
- ☐ Open the front panel
- ☐ Unscrew PEX-npt swivel couplers by hand - use 7/8” wrench to prevent rotation of the threaded bushings attached to the pump.

WARNING: Pump housing is fragile and breaks easily. take care to put as little stress on the pump threads as possible.



- ☐ Untangle cable from routing, unplug
  Cut cable zip-ties as necessary
- ☐ Unscrew lock nuts from pump mount, collect fasteners for later reassembly
- ☐ Remove pump

Maintenance:

- ☐ No maintenance is recommended, replace pump if required

Replacing:

Use Field Replaceable Unit (FRU)# 201074

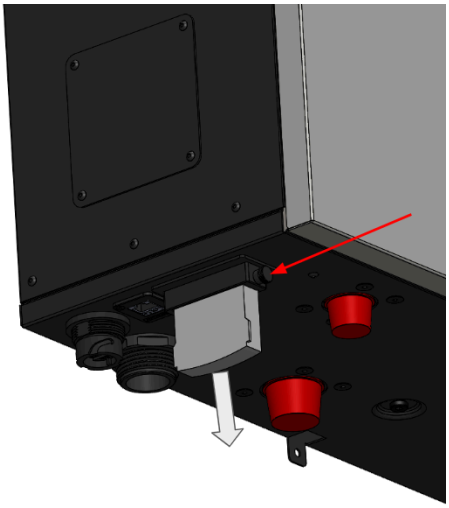
- ☐ Insert pump, securing with hex screws from the outside of the pod and lock nut and washer from above. (see pic from pump removal section)
- ☐ Hand-tighten PEX-NPT swivel couplers - use wrench to prevent rotation of the threaded fittings of the pump.
- ☐ Refill system, checking for leaks

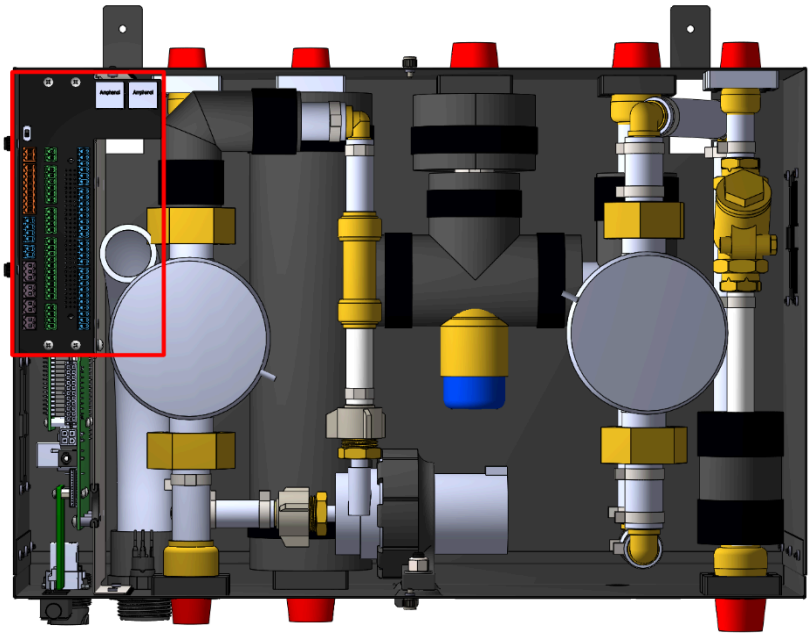
- ☐ Tighten further only if necessary
- ☐ Plug in pump cable to “C” connector, secure cable using twist tie.
- ☐ Reattach front panel

POD ELECTRONIC BOARD

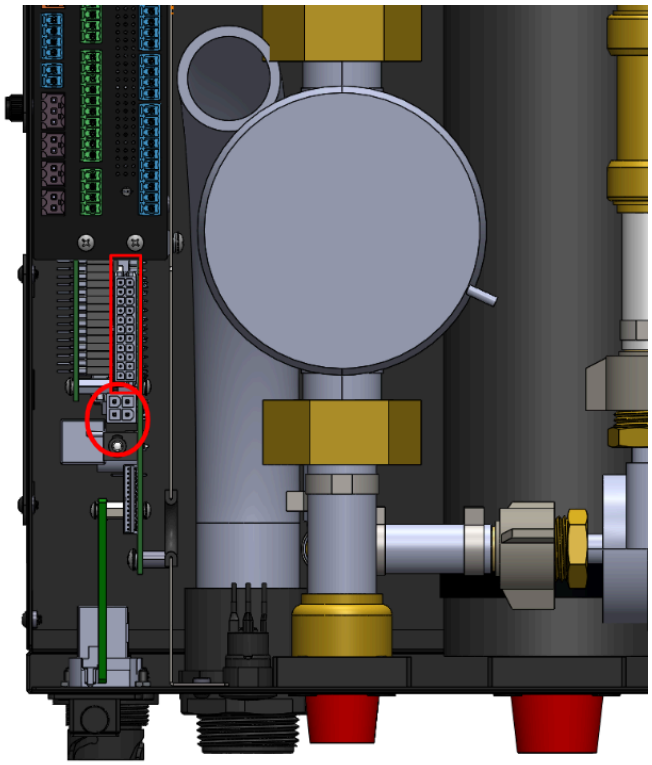
Removing:

- ☐ Turn off power to device
- ☐ Remove EcoPort (a.k.a. CTA-2045) module
  - ☐ Locate module if installed on bottom left of pod
  - ☐ Loosen the screw on the side first (red arrow)
  - ☐ Pull to remove. Keep for reinstalling.

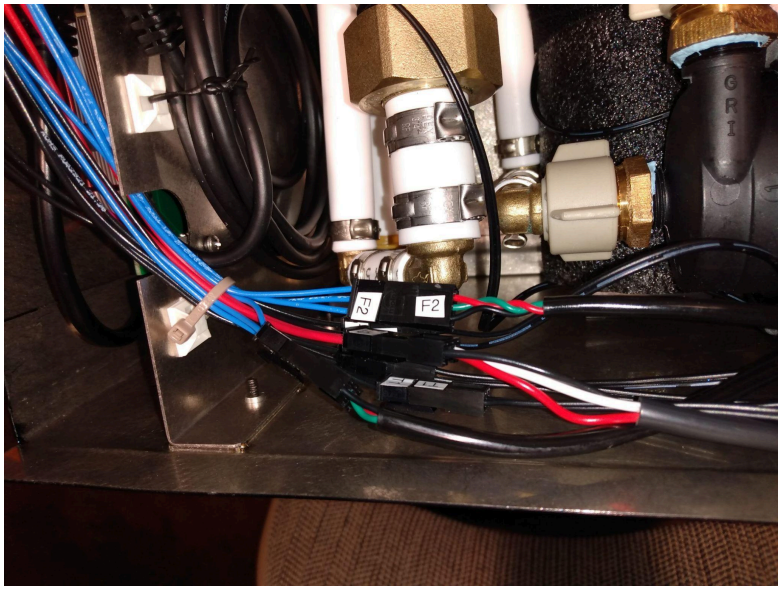




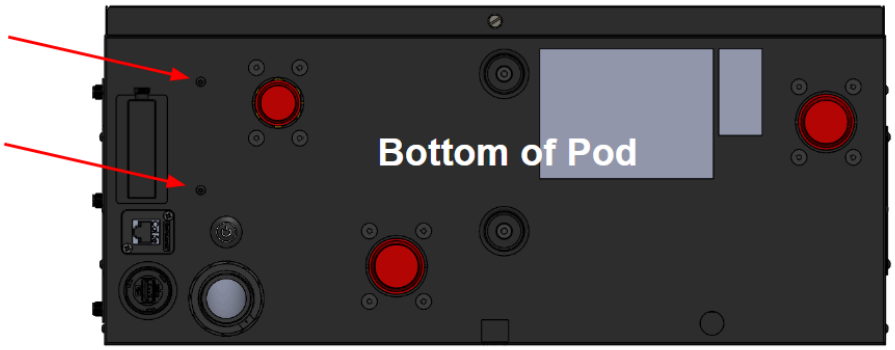
- ☐ Open front panel
- ☐ In the top left of the pod, disconnect any pluggable terminal blocks with wires attached (see rectangle above). Important: DO NOT disconnect individual wires. Instead, pull directly on the wires and the plugs will disconnect from the board. Leave these connectors hanging where they are.
- ☐ Disconnect Ethernet cables plugged into the top section of the black board. Do NOT let these cables get mixed up. You may need to label each before disconnecting if they look the same.



- ☐ Disconnect Omnibus cable (22-pin) near bottom left of pod (red rectangle above). you will need to depress the latch on the connector to release.
- ☐ Disconnected the white connector below that (4-pin) near bottom left of pod (red circle above). you will need to depress the latch on the connector to release.
- ☐ If connected, also disconnect the barrel jack connector.



- ☐ Remove any cable ties holding wires to the plumbing side of the metal mounting plate dividing plumbing and electronics.
- ☐ Unscrew the 4 round-head hex drive screws located on the top and bottom of the pod where they meet the mounting plate. Make sure to hold onto the screws and put them somewhere you won't lose them.



- ☐ Pull the board out carefully. Do not use excessive force as this may damage components that have caught on something on the way out. There will be two cables

attaching the electronics assembly to the enclosure still, an ethernet cable (carrying LAN signal) and a black USB- A cable (carrying Wifi signal).

- ☐ Disconnect both the black USB-A cable and the Ethernet cable from the electronics assembly, leaving them connected to the bulkheads on the inside of the Pod.
- ☐ Check that there is no other cable still holding the electronics assembly to the plumbing. You may need to cut one more cable tie before removing the board fully.
- ☐ Fully remove the board
- ☐ Keep track of all cables for future reattachment.

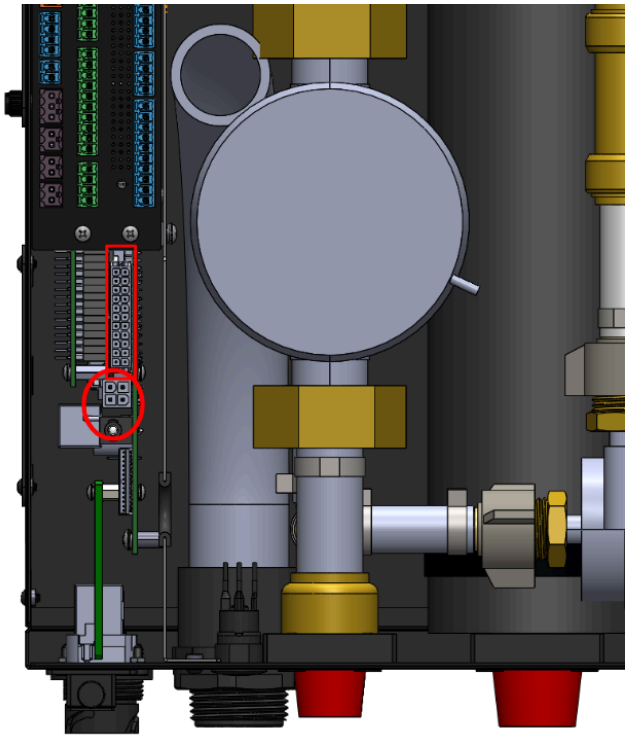
Replacing Pod Board (PD2B-i)

Use Field Replaceable Unit (FRU)# 201832

INSERTION PROCEDURE

- ☐ Position the Electronics assembly near the left side of the pod. Make sure the cables still attached on the inside of the pod are pulled out of the way.
- ☐ Attach the loose end of the black USB-A cable (carrying Wifi signal) to the electronics assembly, at the port on the bottom of the beaglebone
- ☐ Attach the loose end of the Ethernet Cable (carrying LAN signal) to the electronics assembly, at the port on the top of the beaglebone
- ☐ Slide the board in, taking care not to let the cables catch on the features on the inside surface of the enclosure. You may need to press down on the bottom panel so that the lowermost daughterboard components clear the edge.
- ☐ Secure with the 1/16” hex drive screws.

POST-INSERTION



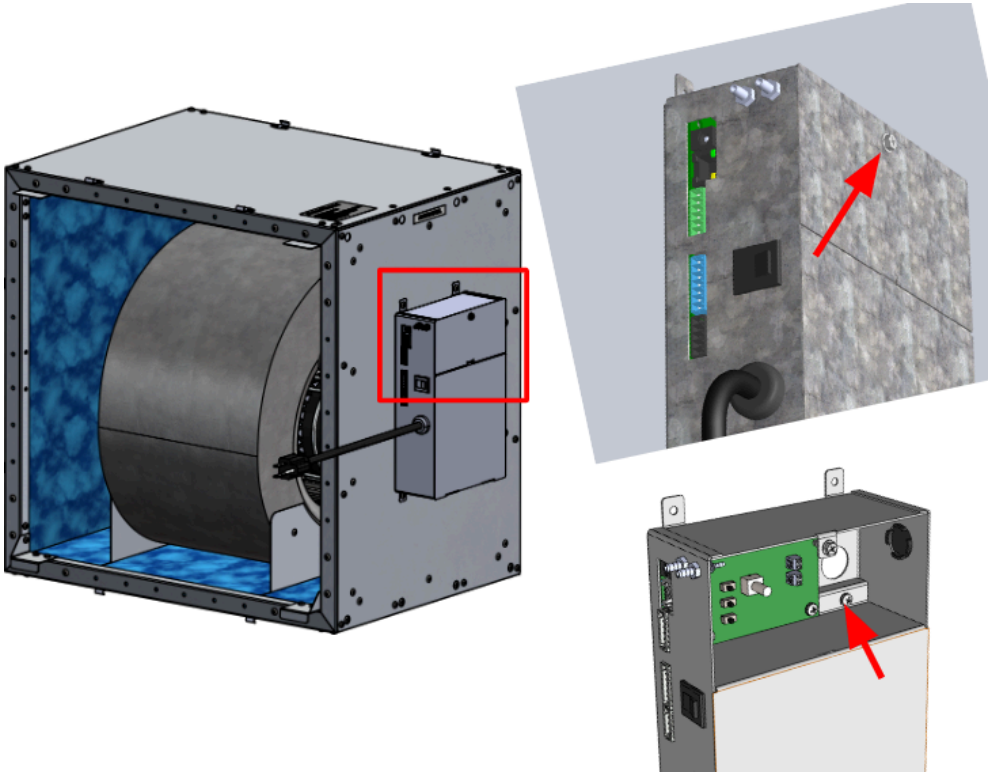
- ☐ Connect the 22-pin header of the Omnibus cable, the 4-pin power cable, and make sure the cable latches into place. If applicable, also reconnect the barrel jack connector to the ports on the edge of the main board (bottom connector in red circle)
- ☐ Reconnect the pluggable terminal blocks, taking care to connect to the same receptacles as before.
- ☐ Reconnect Ethernet Cables. Make sure that the AHU cable and Heat Pump cables are plugged into the correct receptacles.
- ☐ Reattach EcoPort module
    - ☐ Insert module. if it does not plug in, do not force. rotate 180 degrees and try again
    - ☐ Secure by turning the thumbscrew on the side
- ☐ When finished reinstalling the board, reconnect power and turn the pod back on via the power switch.
- ☐ Check for any wires that will get pinched or bent improperly by the replacement of front panel.
- ☐ Close front panel

AIR HANDLER UNIT (AHU) ELECTRONIC BOARD (HARVEST CLASSIC-ONLY)

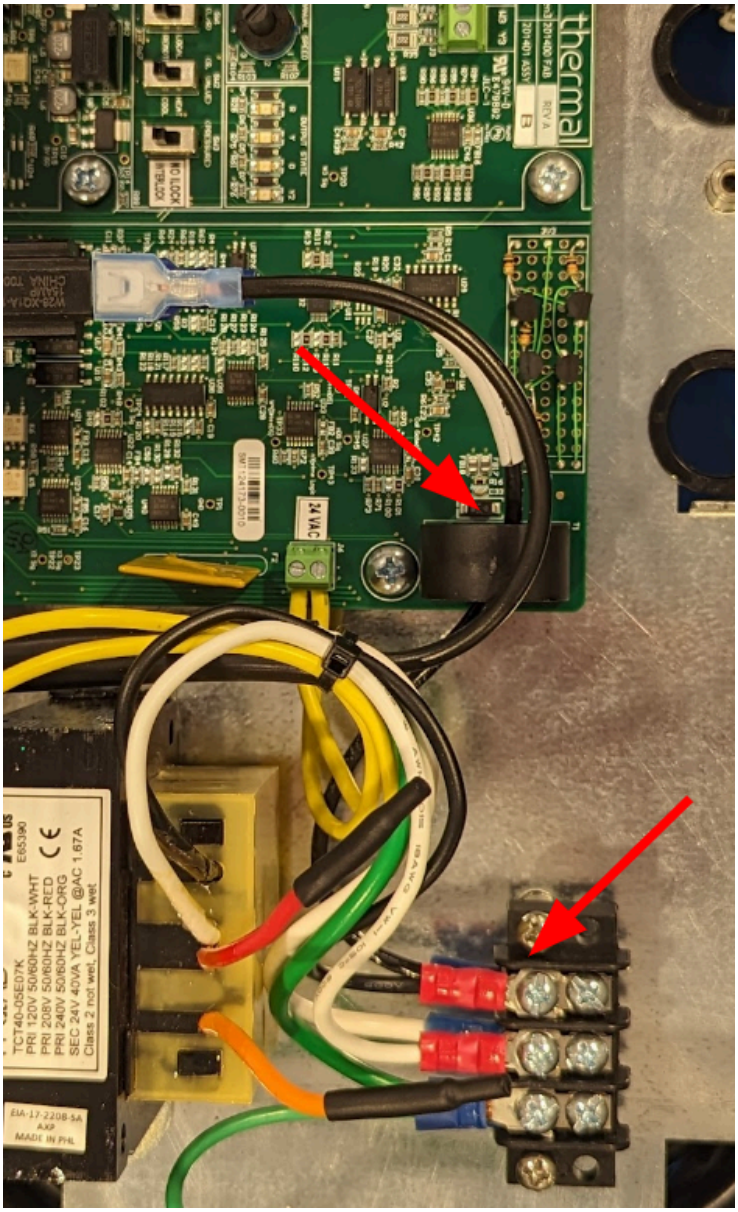
Removing:

WARNING HIGH VOLTAGE! DO NOT ATTEMPT WITHOUT FIRST UNPLUGGING ALL POWER SOURCES FROM AIR HANDLER

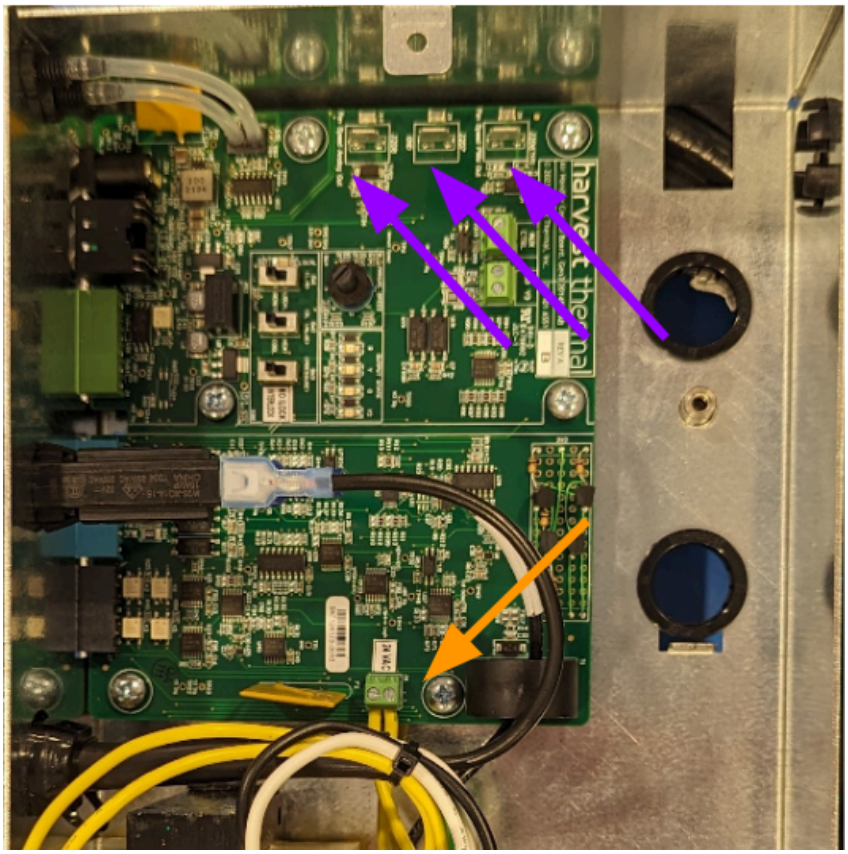
- ☐ Disconnect all cables from the outside of the Controller box, and also unplug power from wall AC outlet.
- ☐ Disconnect all terminal blocks.
- ☐ Open the controller access panel at the indicated screw, then undo the screw inside holding the high voltage cover on (see arrows below). Hold onto these for later reattachment.



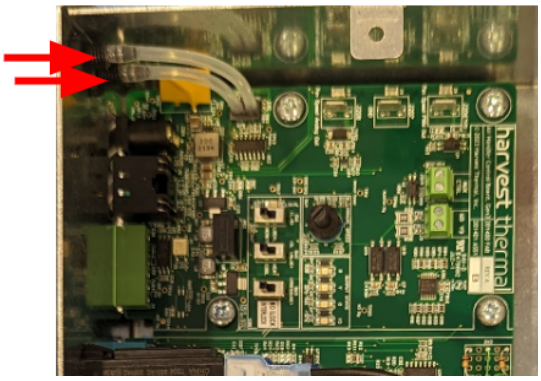
- ☐ Identify the cable routed through the donut-shape component on the board (see below). Unscrew the end of this connector attached to the terminal block (red crimp, see picture), and feed back through the black donut-shape component on the board.



- ☐ Disconnect the yellow wires from the terminal block labeled “24 VAC”(orange arrow)
- ☐ Make a note of which spade connectors connect to which wires, then disconnect spade terminals in the corner of the board. (purple arrow)



- [ ] Detach the clear tubing in the corner of the board where they connect to the black bulkhead adapters. DO NOT pull on the PCB side.



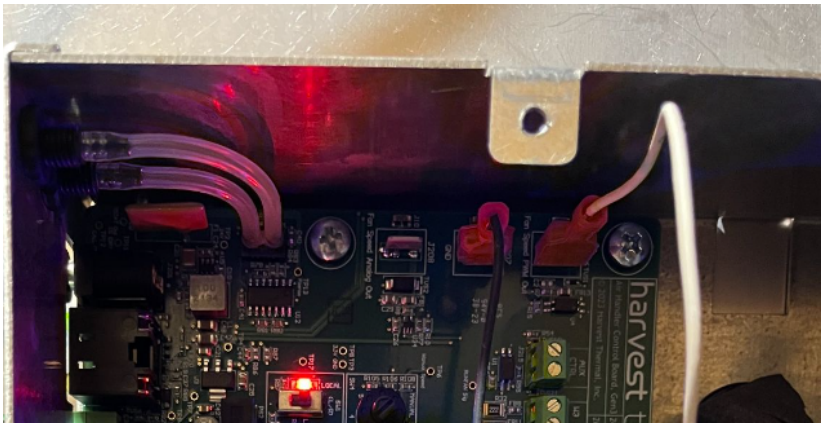
- [ ] Unscrew the screws holding the board in place
- [ ] Remove board, taking care to avoid contact with the electrical components

Replacing:
Use Field Replaceable Unit (FRU)# 201847

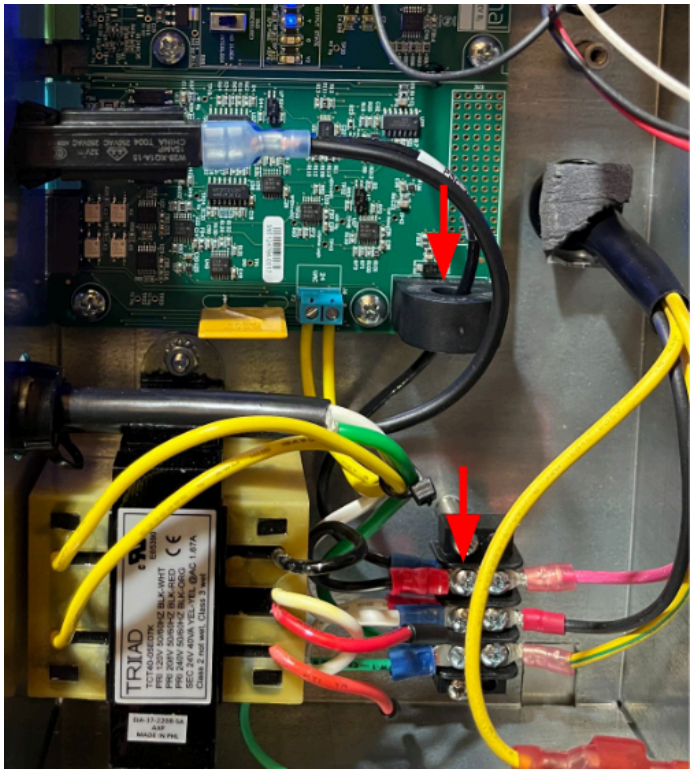
- ☐ Insert board, securing with screws and washers. Do not use the screw with the captured washer.

Plug in:

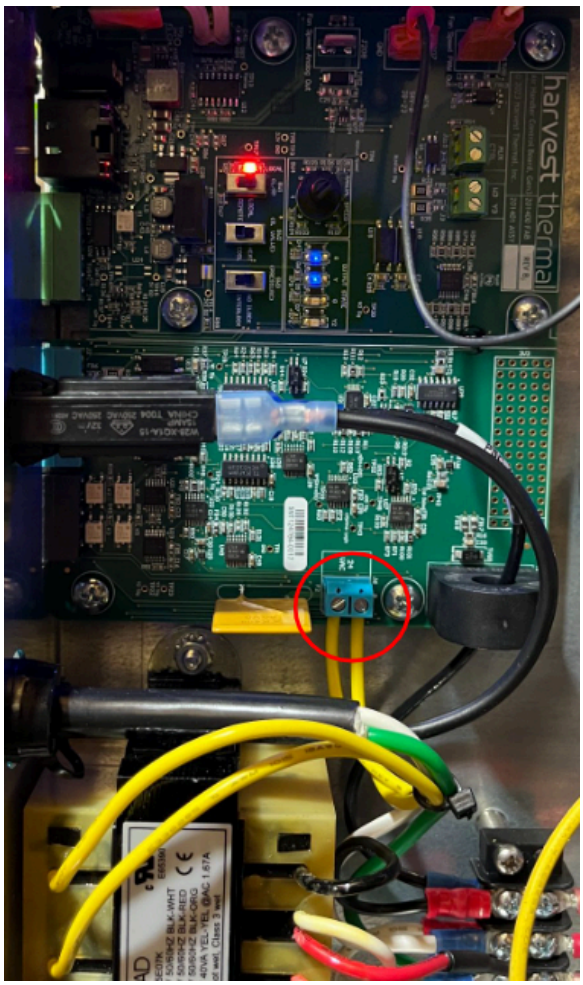
- ☐ White spade connector to PWM
- ☐ Black spade connector to GND



- ☐ Reattach pressure tubes to barbs on the bulkheads, as shown above. Make sure they are fully inserted
- ☐ The fork connector is routed through the black donut-shaped component on the board and screwed back into the terminal block. Make sure to use the same screw that it was previously connected to.



- [ ] Reattach the yellow transformer wires to the screw terminal. Check to make sure there are no stray wire strands. The two wires are interchangeable, they do not need to be exactly the same terminals as before.

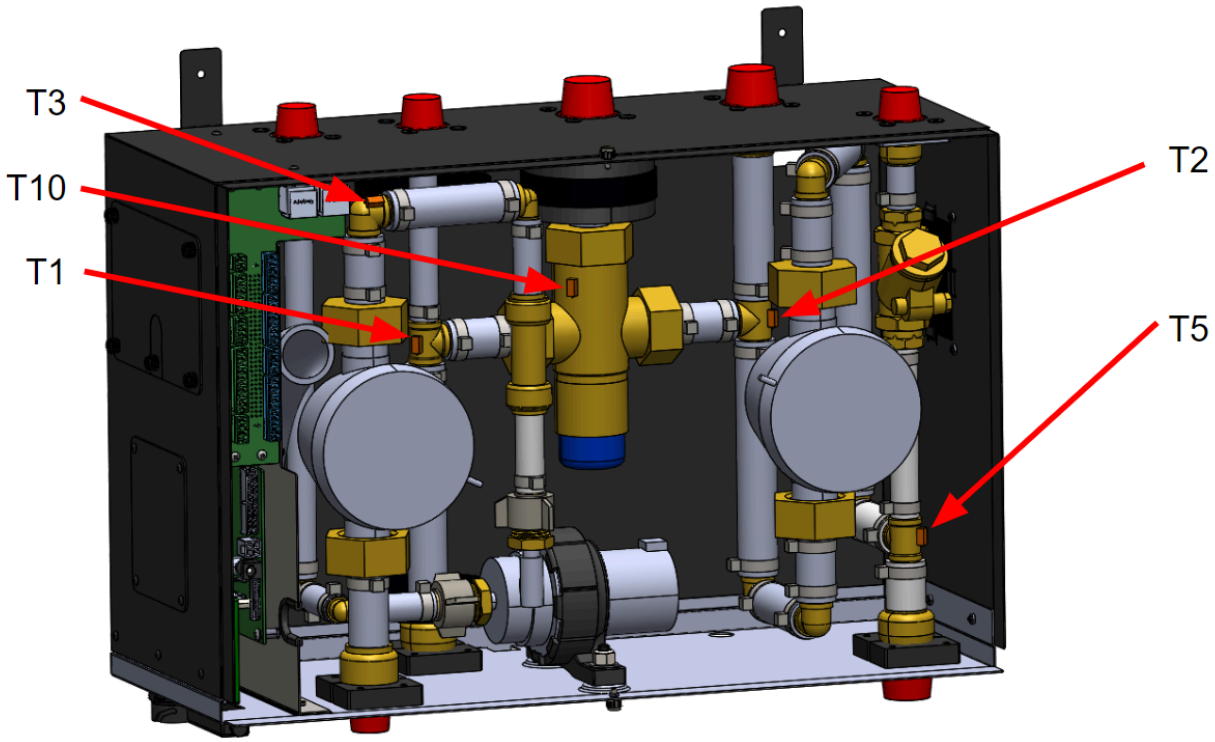


- [ ] Check that the switches on the board are in the same positions as before
- [ ] Reattach the high voltage cover using the screw with the captured washer
- [ ] Reconnect external cables to the control box
    - AC wall plug
    - Ethernet cable
    - Barrel jack power cable
    - Pluggable terminal blocks
- [ ] Reattach the controller access panel

THERMISTORS

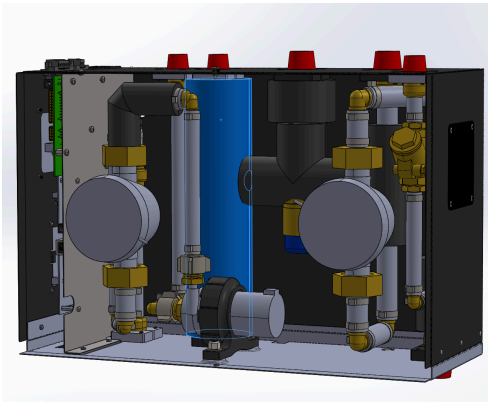
Removing:

- ☐ Identify which thermistor needs to be replaced.
- ☐ Open front panel. See below photos for exact locations of thermistors.



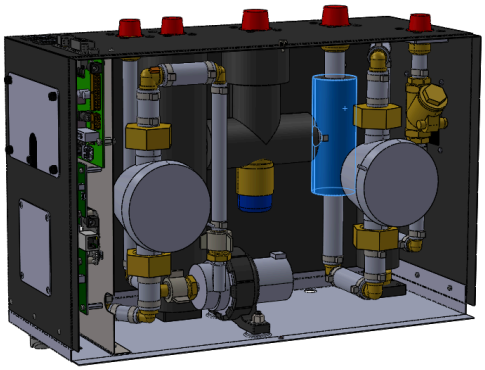
Accessing T1:

- ☐ The insulation shown below in blue will need to be removed. to do this, first undo and remove the velcro straps holding it closed. Then remove the insulation.

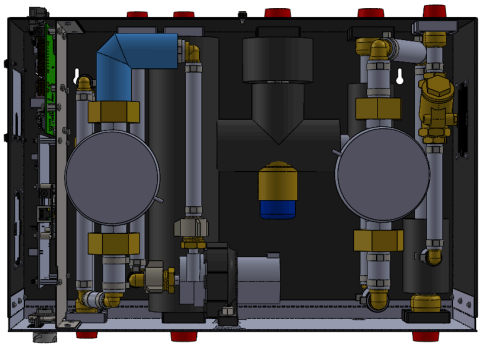


Accessing T2:

- ☐ The insulation shown below in blue will need to be removed. to do this, first undo and remove the velcro straps holding it closed. Then remove the insulation.

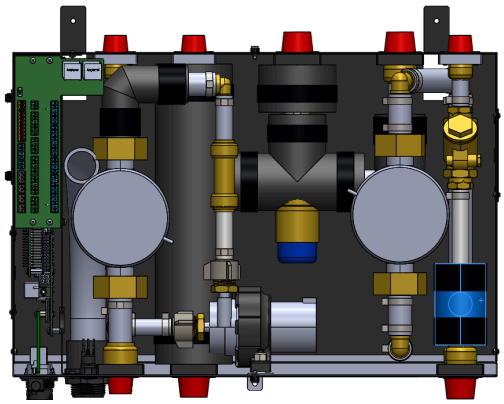


Accessing T3:



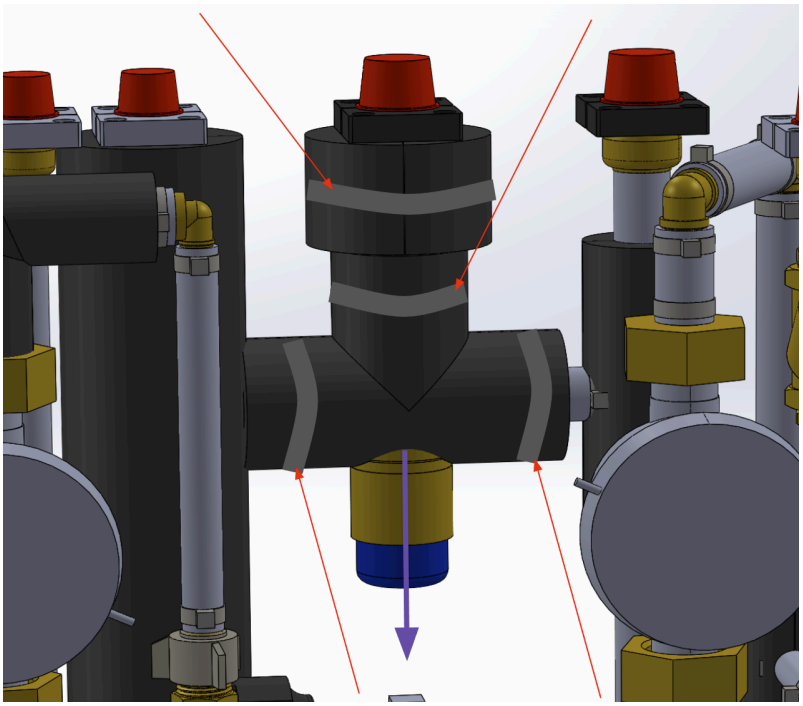
Accessing T5:

- ☐ The insulation shown below in blue will need to be removed. to do this, first undo and remove the velcro straps holding it closed. Then remove the insulation.



Accessing T10:

- ☐ Open front panel
- ☐ Remove velcro straps from insulation around mixing valve and DHW line (red arrows)



WARNING: COMPONENTS MAY STILL BE HOT

- ☐ Remove insulation from around top segment
- ☐ Pull down carefully on insulative tee to remove from mixing valve (purple arrow)

Removal process:

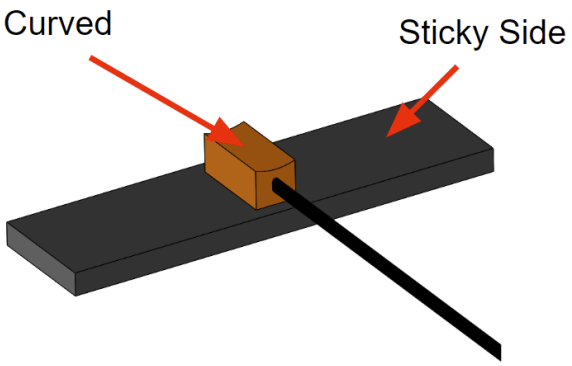
- ☐ First gain access to the desired thermistor as described above. Remove the tape covering the thermistor (or the zip tie in the case of T10). **Make a note** of where on the fitting it was located, and which direction the wire comes out. Pull the thermistor off, and clean any residue off the brass fitting using isopropyl alcohol.
- ☐ Disconnect the thermistor's 2-pin cable, and remove from any ties holding it in place.

Replacing:

Use Field Replaceable Unit (FRU)# 201078

- ☐ Label the thermistor wire according to which thermistor you are replacing: T1, T2, T3, T5.

  It is advisable to use gloves for the following steps of this process.
- ☐ Kit includes two sizes of tape. If you are replacing T1 or T2, use the wider 3/4" tape. If you are replacing T3 or T5, use the narrower 1/2" tape. Remove the protective backing. Place the copper head of the thermistor on the tacky side of the tape, in the center, leaving the curved face of the thermistor facing up

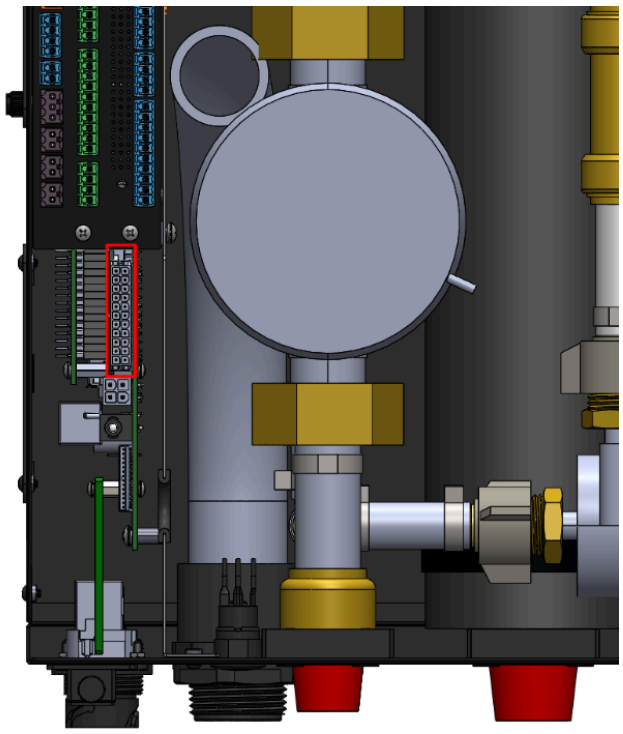


- ☐ Apply a bead of the silicone from the kit to the curved face of the thermistor. Use a generous amount, like the thermistor is a toothbrush and you're in a toothpaste commercial.
- ☐ Apply the thermistor to the fitting: press the thermistor into the fitting, silicone-coated side first, to establish good contact. Then wrap the ends of the tape around the sides, keeping a bit of tension in the tape as you do in order to keep the contact between the thermistor and the fitting.
- ☐ Put the insulation back on, taking care to make sure the wire is not pulling on the thermistor and is exiting the insulation cleanly.
- ☐ Add back the velcro clasps. It is important in this step that they are tight enough to close the air gap so that heat does not escape.
- ☐ Close the main panel.

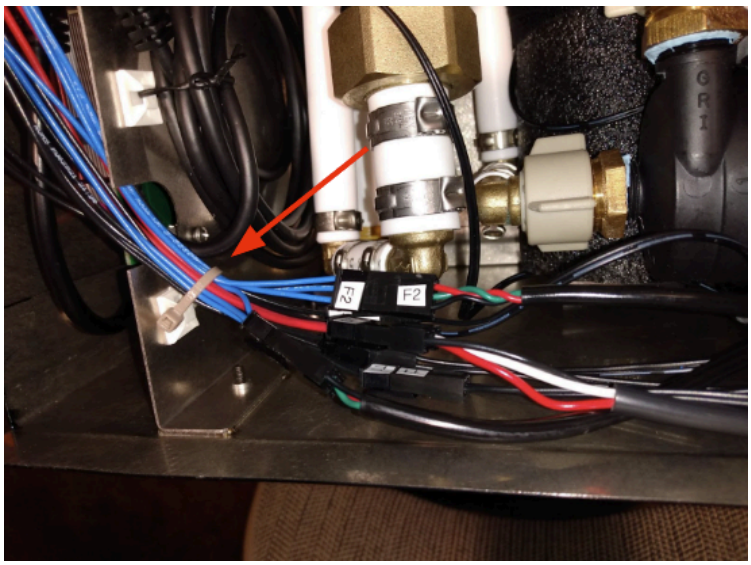
OMNIBUS CABLE

Removing:

- ☐ Disconnect power to the Pod
- ☐ Open the front panel
- ☐ Disconnect the large black 22-pin connector from the electronics assembly. You will need to press down on the latch and pull.



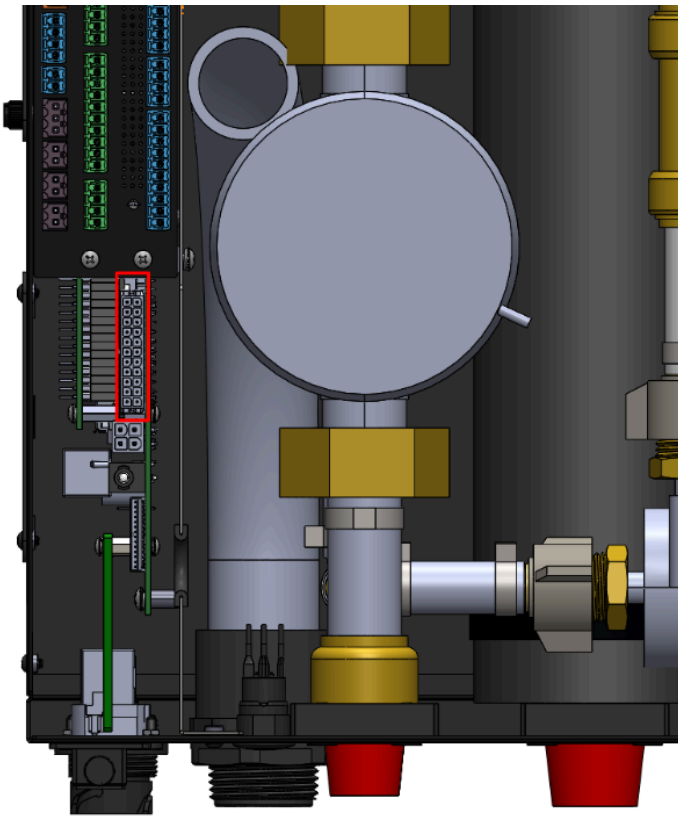
- ☐ Remove the cable tie holding down the Omnibus cable to the divider wall



- ☐ Unplug all other connections to the Omnibus Cable.
- ☐ Remove cable from Pod.

Replacing:
Use Field Replaceable Unit (FRU)# 100741

- ☐ Plug in cable to rectangular header on the edge of the board



- ☐ Locate the Plugs in the main plumbing compartment, and connect them to the correspondingly 7 labeled receptacles on the Omnibus cable. Labels are F1, F2, C, T1, T2, T3, T5, and T10 (also called Tx). Leave Ty unconnected.

- [ ] Secure the cable by routing through the notch in the divider wall

- [ ] Close the front panel
- [ ] Reconnect power to the pod

FULL FRU (FIELD REPLACEABLE UNIT) LIST

FRU, Mixing Valve	201088
FRU, Pod Board, REA	201832
FRU, Flow Meter, Flow IQ 2100 with connector	201083
FRU, kit, Air Handler controller	201847
FRU, Omnibus Cable	201091
FRU, Thermistor, standalone kit	201078
FRU, Circulator pump with bushings	201074
FRU, Gaskets for Series AM-1 Mixing Valve	201059
FRU, PEX Section A2	201836
FRU, PEX Section B	201096
FRU, PEX Section C	201095
FRU, PEX Section E2	201638
FRU, PEX Section H2	201639
FRU, PEX Section X2 w/ spring check valve	201640

The following components are not available to order for field replacements. A full Pod replacement will be necessary:

- PEX Section D-G
- Electrical Bulkheads
- Spring Check Valve by itself (PEX Section X2 must be replaced whole)
- Swing Check Valve by itself (PEX Section A2 must be replaced whole)
- Enclosure Parts