

# DOMETIC SPX 1200-T SERVICE MANUAL

## REPAIR INSTRUCTIONS REPLACING THE CONTROL PCB

Instructions valid for  
SKUs:

9600026439, 9600025657,  
9600011575, 9600049687

Recommended Tools:

Screwdriver Torx 25  
Phillips head screwdriver (preferably PZ 2)  
Socket wrench SW 8 mm  
Side cutter  
6 pieces of cable tie (150 mm x 2.5 mm)

### RELATED DOCUMENTS

You find this service manual in more languages online at  
<http://qr.dometic.com/bexlZL>



### EXPLANATION OF SYMBOLS



#### CAUTION!

Safety instruction: Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.



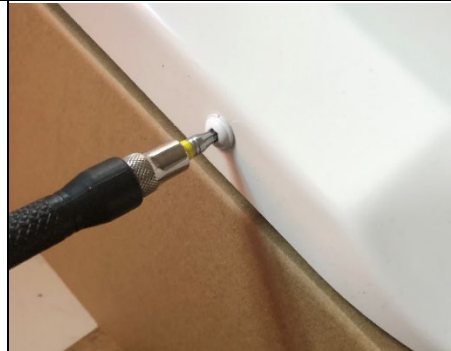
#### CAUTION!

Disconnect all power supplies when working on the parking cooler!

When working on the system, use an ESD wristband that is connected to a grounding point via a cable so that the electrostatic charge is passed on and the electronic components of the system cannot be damaged due to electrical discharge (ESD).

#### FIGURE 1:

1. Release the 10 fastening screws and disassemble the top cover.



#### FIGURE 2:

1. Release the EPP top cover above the evaporator carefully by starting at the evaporator inlet and then unlocking the lid counterclockwise along the edge.



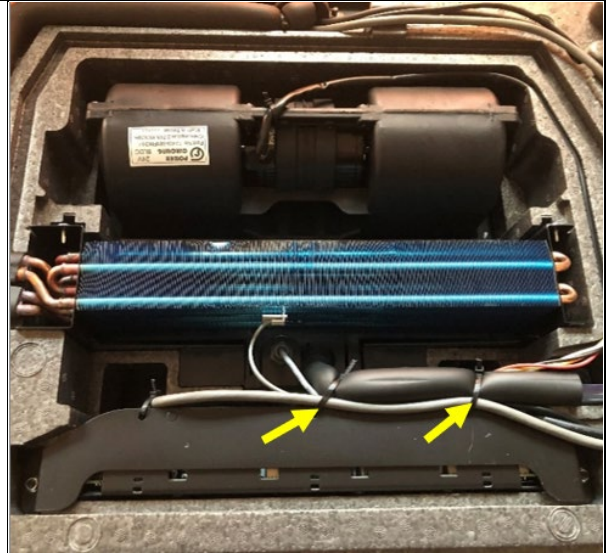
**FIGURE 3:**

1. Release the 2 nuts of t the metal holder.



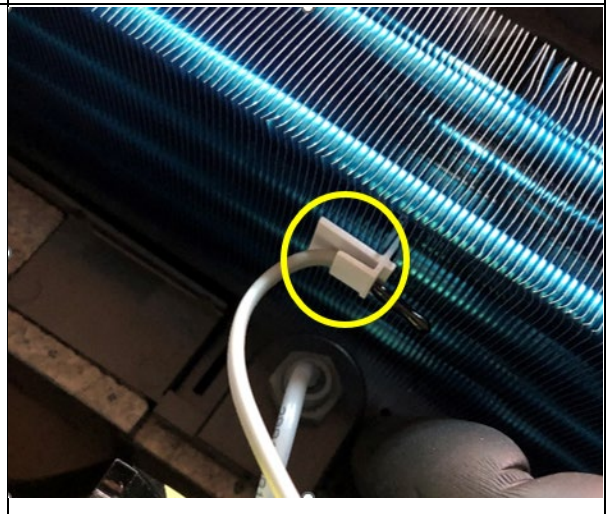
**FIGURE 4:**

1. Carefully cut the marked cable ties.



**FIGURE 5:**

1. Carefully remove the marked plastic clip with the temperature sensor from the evaporator.



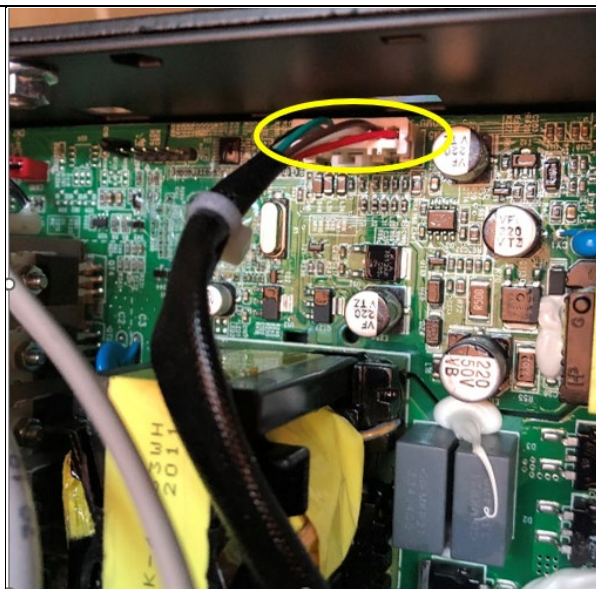
**FIGURE 6:**

1. Carefully lift the black metal holder with the control PCB upwards out of the unit and remove the marked plug from the control PCB.



**CAUTION!**

Some plugs have a locking device that must be pressed when removing the plug from the control PCB.



**FIGURE 7:**

1. Cut the two cable ties and remove the marked plugs carefully from the control PCB.



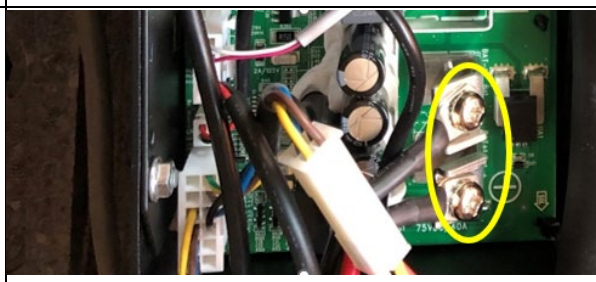
**CAUTION!**

Some plugs have a locking device that must be pressed when removing the plug from the control PCB.



**FIGURE 8:**

1. Release the 2 fastening screws of the connection cable.



**FIGURE 9:**

1. In case you have just the control PCB as a spare part proceed with figure 10.
2. In case you have the control PCB assembled to the metal holder as a spare part release the 3 nuts (blue circles) and exchange the control PCB incl. metal holder.
3. When fitting the new control PCB, follow the above workingsteps in the reverse order and fix the cables in the same way.

**FIGURE 10:**

1. Cut the two cable ties that fixes the PCB to the metal holder in the edges.
2. Carefully push the 7 locking devices (yellow circles) that holds the spacers in place and remove the PCB.
3. Place the new PCB on the protruding spacers.
4. When fitting the new control PCB, follow the above working steps in the reverse order and fix the cables in the same way.

**CAUTION!**

Place the plastic clip with the temperature sensor at the same position at the evaporator (figure 5 (page 2)).

When fitting the connection cable, tighten the 2 fastening screws at a maximum torque of 3.5 Nm. Make sure the cables do not touch any components on the control PCB (heat sink, etc.)

When fitting the new PCB with the metal holder into the unit, position/route the cables in the same way and fix them at the same points with cable ties.

When fitting the metal holder, tighten the 2 nuts at a maximum torque of 4 Nm.

When fitting the suction grill, tighten the fastening screws at a maximum torque of 1 Nm. Otherwise, they might turn idle.



1. When reassembling the unit make sure that no cables are pinched and all loose parts (cable tie residues, etc.) are removed from the system.
2. Check the function in a concluding test run.