1. Dismounting Details:



Figure 1.1. General View

1.1. Top Plate:



Figure 1.2. Disassembling the top plate

- Unscrew the top plate.
- Pull the top plate towards the rear of the machine.

1.2. Side Panel:

1.2.1. Side Panel / Side Support Bracket:

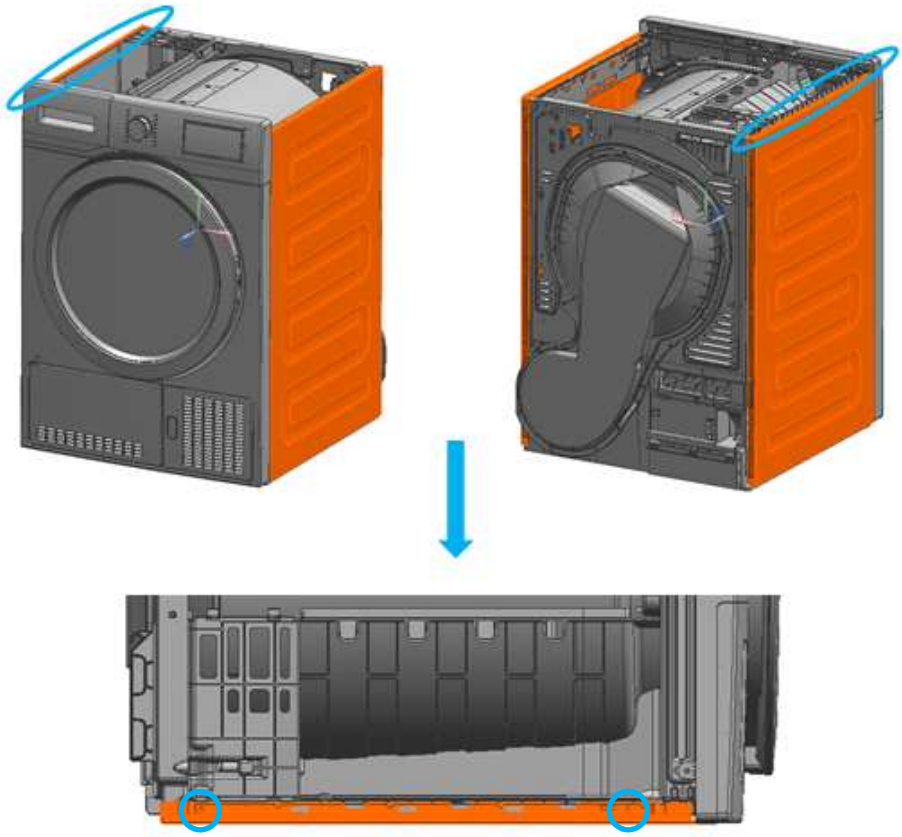


Figure 1.3. Screws between the side panel and side support bracket (Water Tank Side)

- Remove the screws between the side panel and side support bracket.

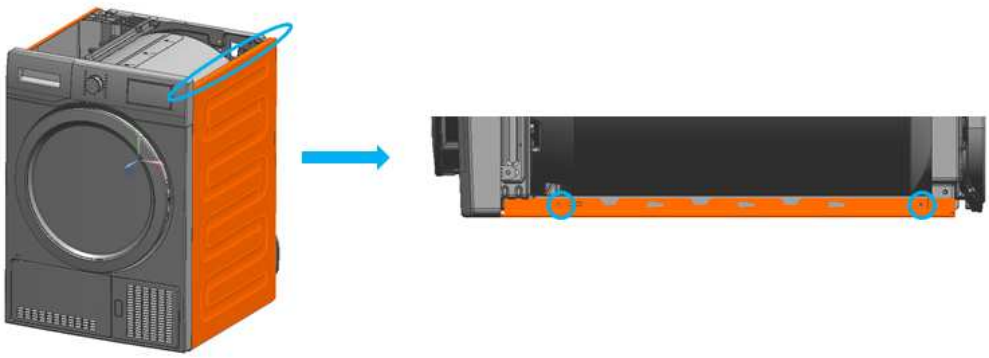


Figure 1.4. Screws between the side panel and side support bracket (Drum Side)

- Remove the screws between the side panel and side support bracket.

1.2.2. Side Panel / Rear Panel:

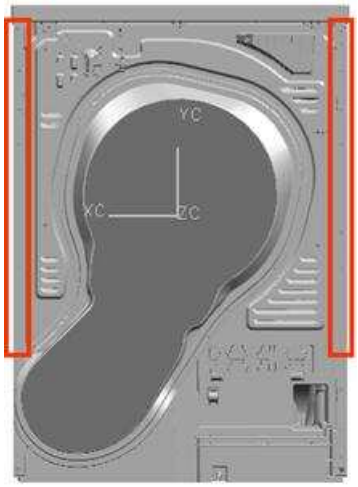


Figure 1.5. Connections between the side panel and the rear panel at the back side of the dryer

- Remove the screws as highlighted in the figure between the side panel and the rear panel.

1.2.3. Side Panel / Plastic Chassis Assembly:

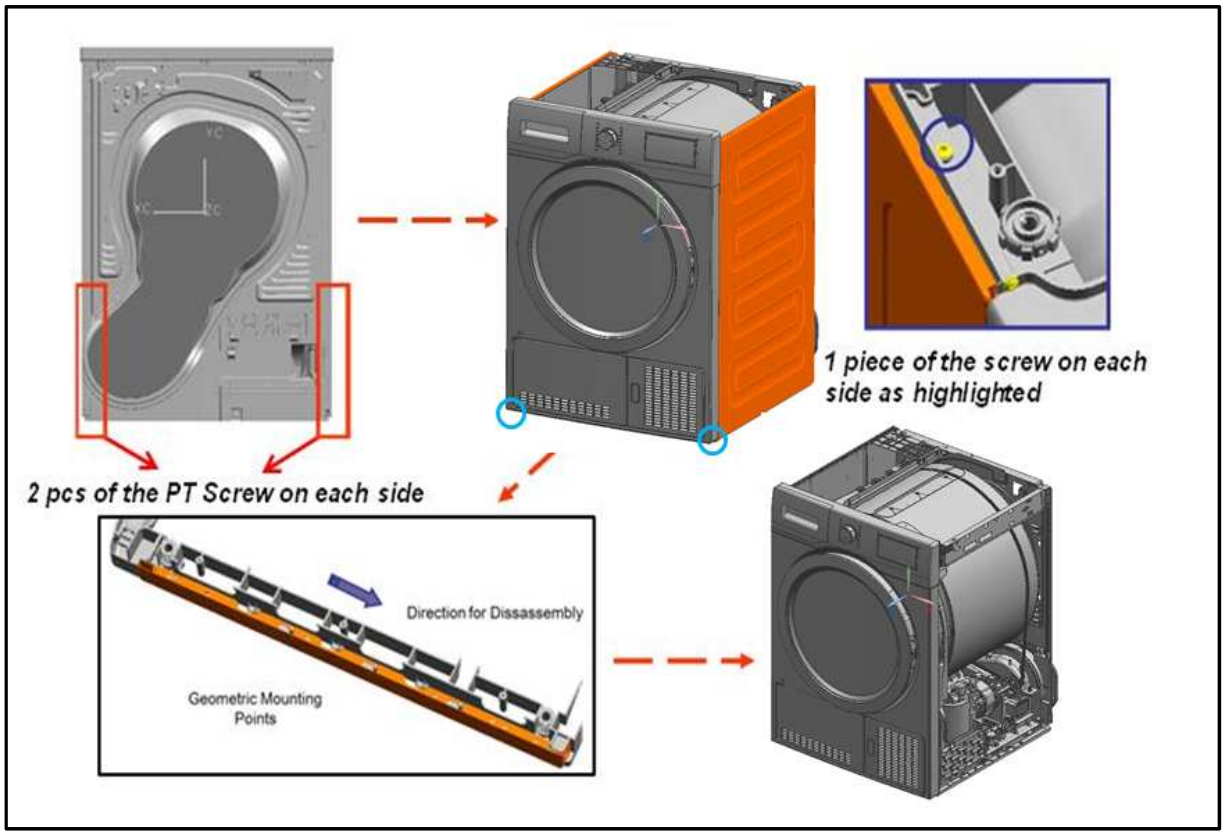


Figure 1.6. Connections between the side panel and the plastic chassis assembly

- Remove the 2 pieces of the PT screw on each side of the dryer as highlighted in the figure between the side panel and the plastic chassis.
- Remove the 1 piece of the screw on each bottom side of the dryer as highlighted in the figure.
- Disassemble the side panels from the geometric mounting points through the direction as shown in the figure.

1.2.4. Side Panel and Front Panel Connection:

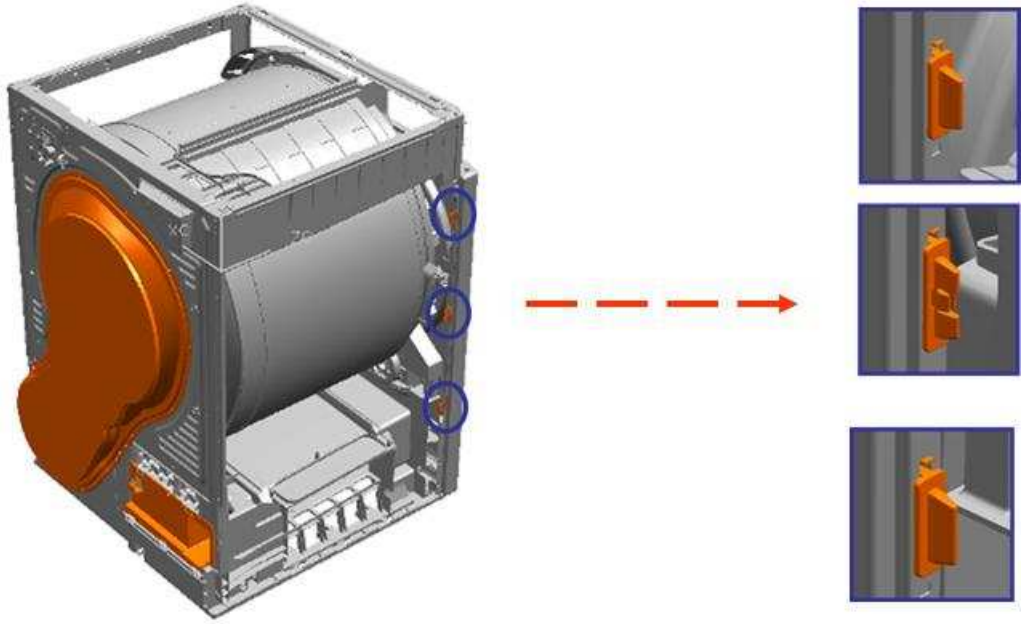


Figure 1.7. Coincident points between the front panel and side panel

- Dismount the coincident points between the front panel and the side panels.

1.3. Plastic Cover Mounting Points:

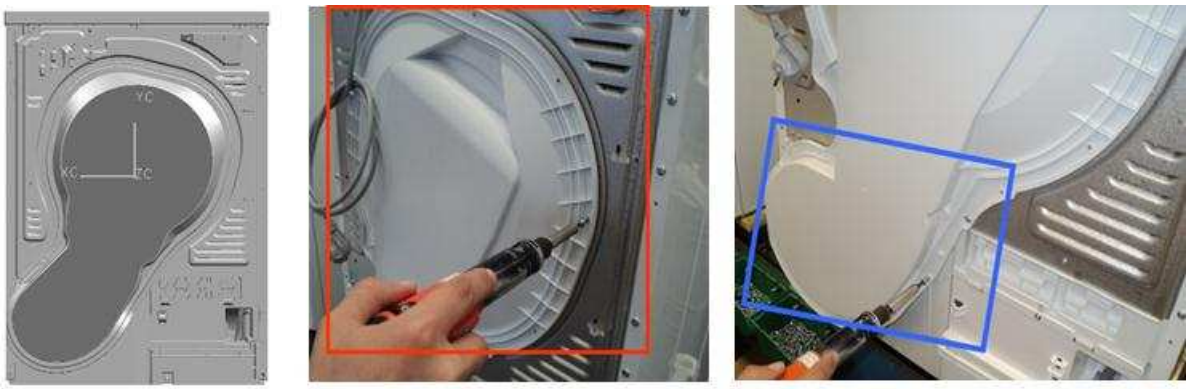


Figure 1.8. Connection points between the plastic cover - rear panel and plastic chassis

- Remove the 10 pieces of sheet screws between the plastic rear cover and the rear panel.
- Remove the 8 pieces of PT screws between the plastic rear cover and the plastic chassis.

1.4. Control Panel Assembly:

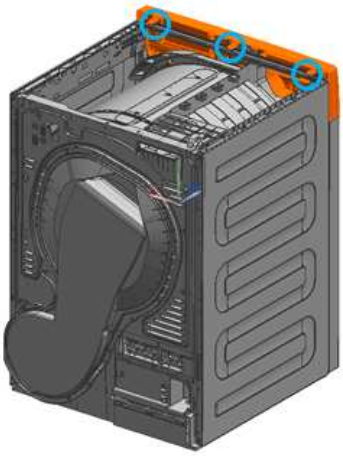


Figure 1.9. Connection points between Front Panel Assembly and Support Sheet of Front Panel

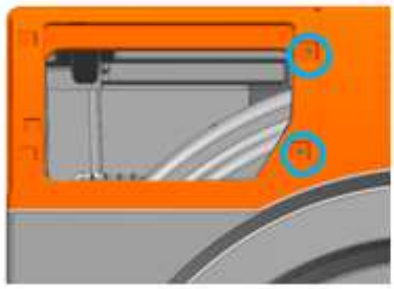


Figure 1.10. Connection points between Control Panel and Tank Housing

- Remove the 3 pieces of sheet screws between the front panel and support sheet of the front panel.
- Remove the PT screws between the control panel and tank housing.

1.5. Support Sheet Brackets:

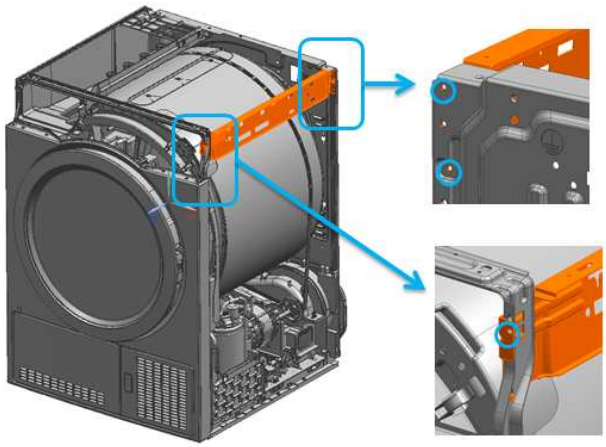


Figure 1.11. Connection points for Support Sheet Brackets on Right Hand Side (RHS)

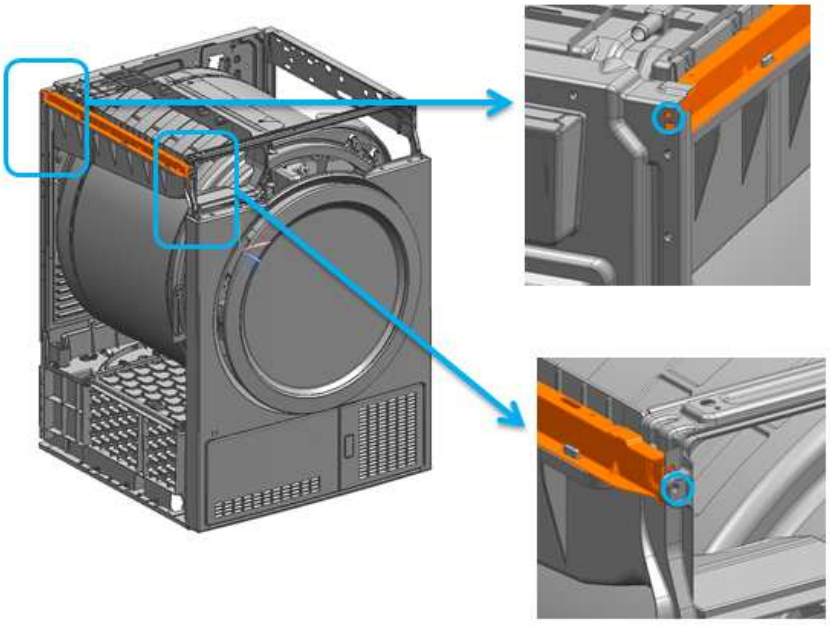


Figure 1.12. Connection points for Support Sheet Brackets on Left Hand Side (LHS)

- Remove the screws on the connection points of support sheet brackets on left and the right hand sides of the dryer.

1.6. Rear Panel Assembly

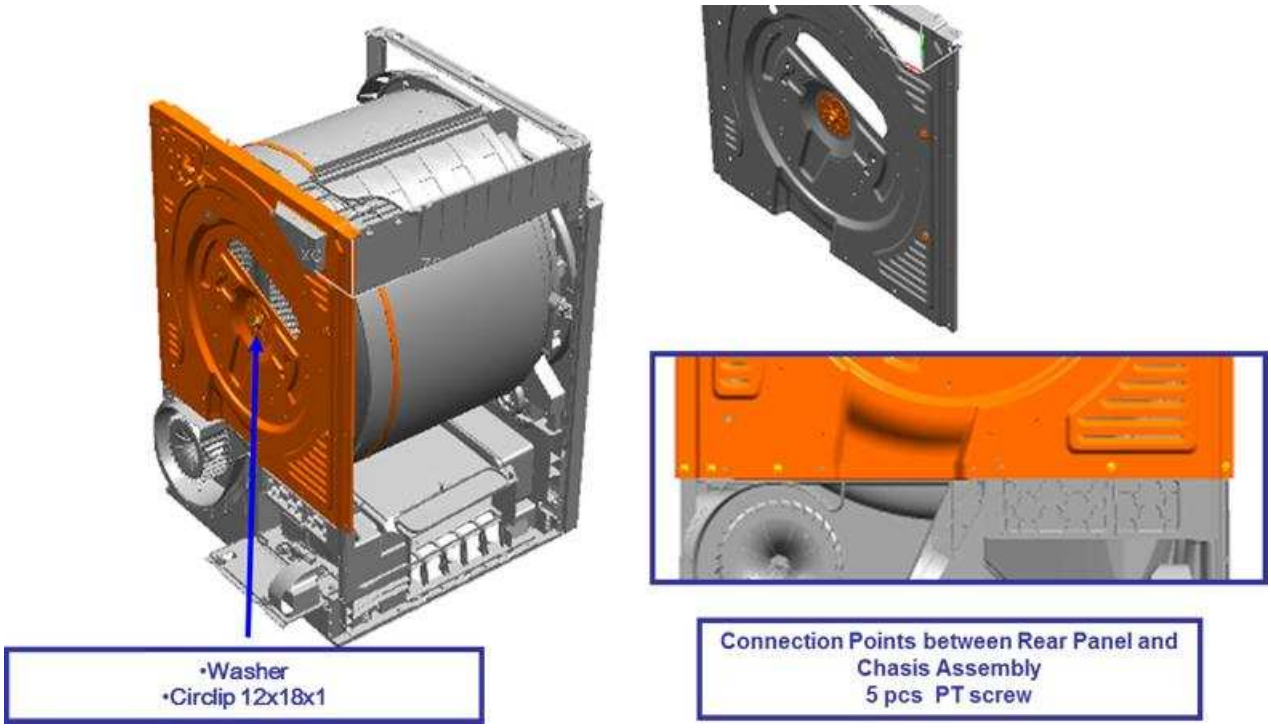


Figure 1.13. Connection points between Rear Panel and Chassis Assembly

- Remove 5 pieces PT screws between the rear panel and the chassis assembly.
- Disassemble the washer and the circlip shown in the figure by the aid of a screwdriver.

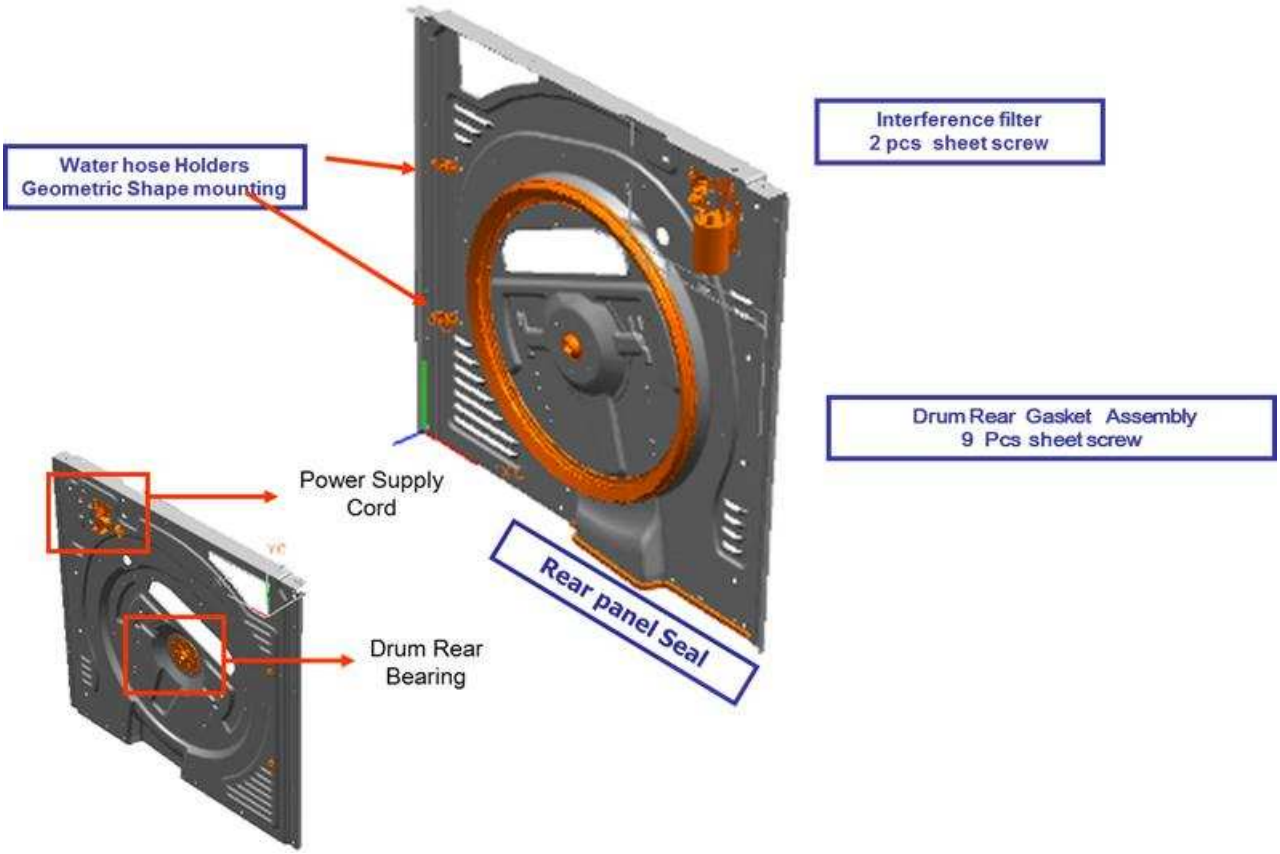


Figure 1.14. Sub-parts on the Rear Panel Assembly

- After removing the PT screws, washer and circlip, dismount the rear panel from the assembly by removing the hoses from the water hose holders located on the rear panel as shown in the figure. Sub-parts shown in the figure above are listed below:

  - Power Supply Cord
  - Drum Rear Bearing
  - Drum Rear Gasket Assembly
  - Interference Filter
  - Water Hose Holders

1.7. Drum Assembly:

- To disassemble the drum assembly:
  - Lift up the drum on the highlighted direction.
  - Pull towards the drum to the backside and remove from the dryer body.
  - By this movement, any interaction between the drum and the plastic chassis is prevented.

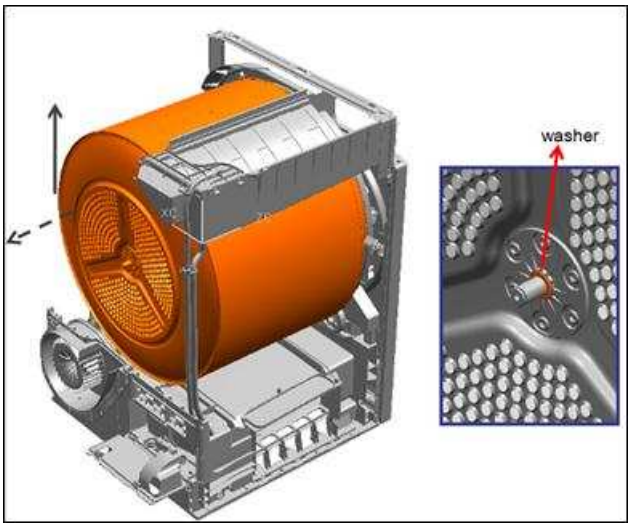


Figure 1.15. Drum Disassembly

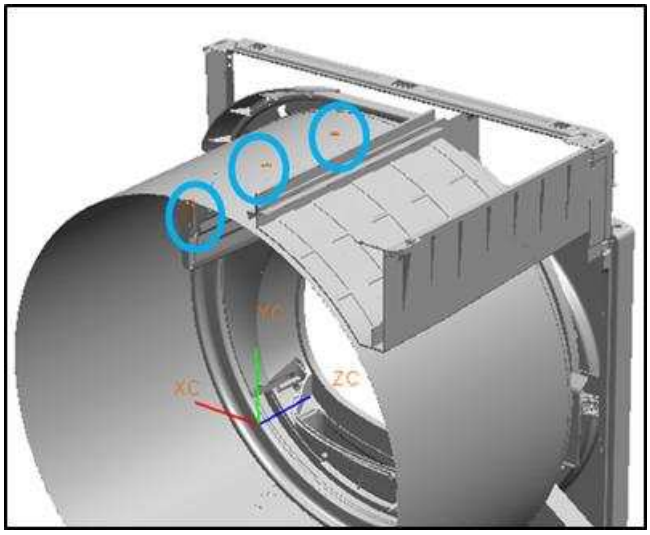


Figure 1.16. Drum Pedals

- Remove the 3 PT screws for each of the drum pedals to dismount them.

1.8. Control Panel Support Bracket:

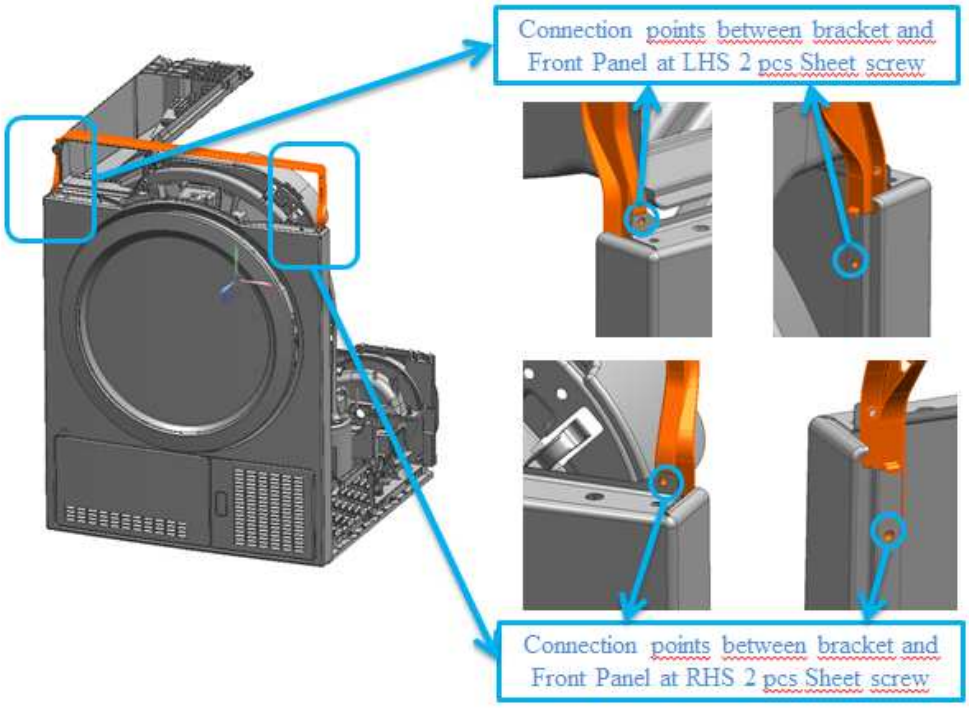


Figure 1.17. Control Panel Support Bracket Disassembly

1.9. Water Tank Housing:

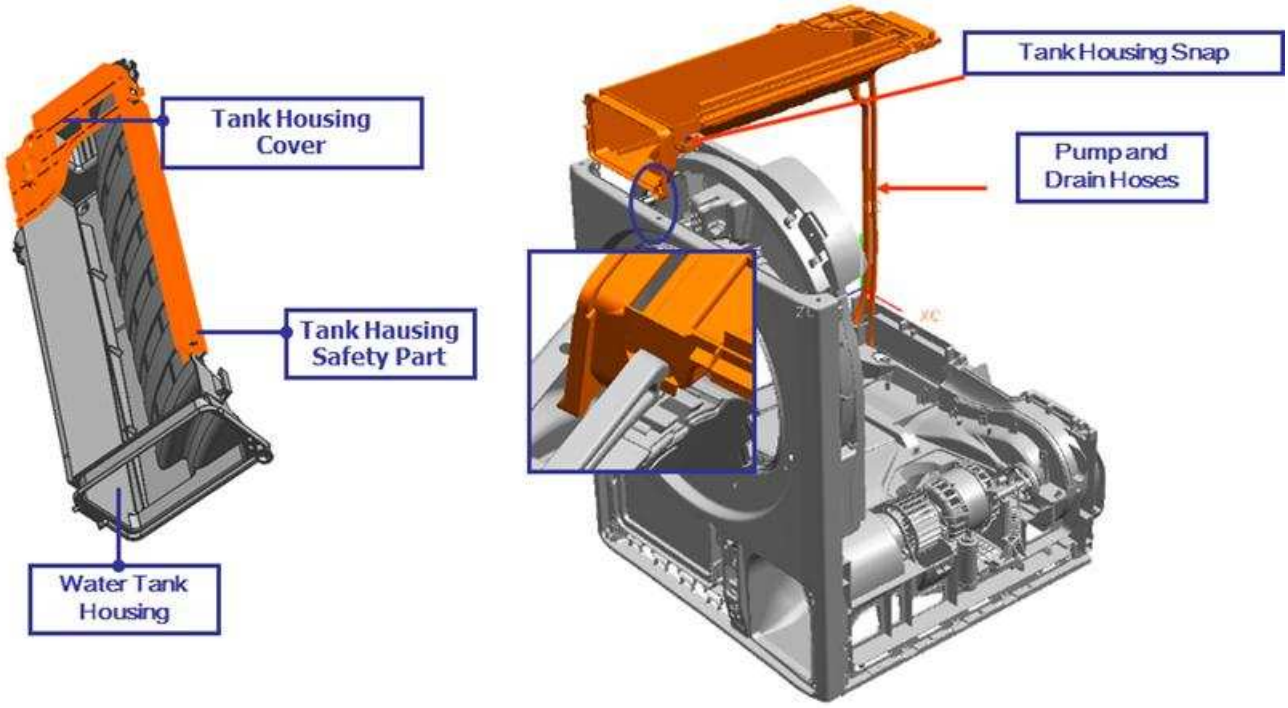


Figure 1.18. Water Tank Housing

- Disassemble the water tank housing due to the details mentioned above figure.
- Water tank housing consists of hose holders, tank housing safety part and the tank housing cover.

1.10. Glass Door Group Assembly:

- Door group used in products is reversible.
- Door group can be assembled by the below following instructions.



Figure 1.19. Assembling the gasket and glass

- Place the gasket inside the inner plastic door.
- Assemble the glass inside the gasket and the inner plastic door.

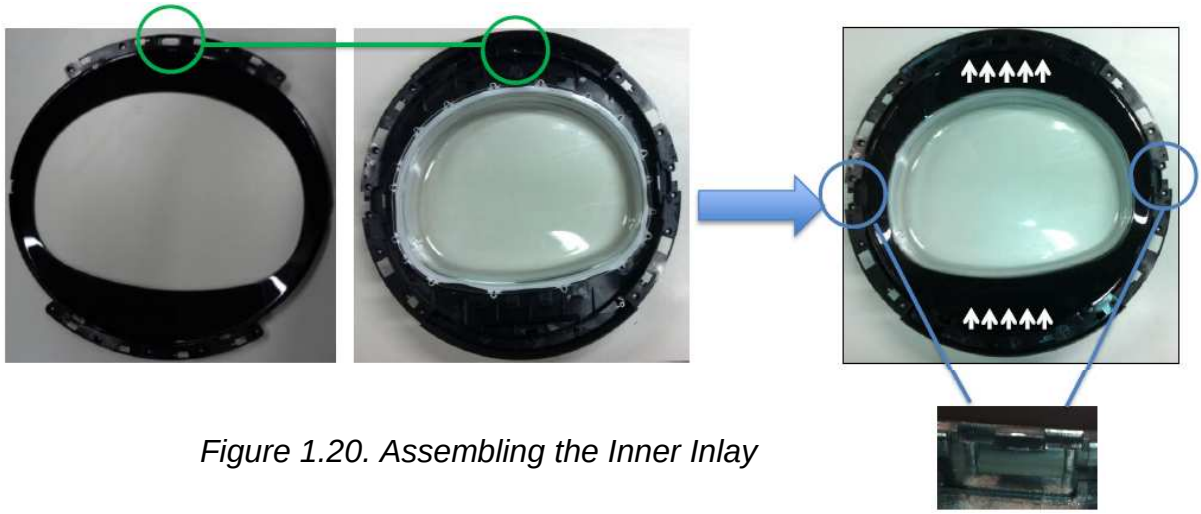


Figure 1.20. Assembling the Inner Inlay

- After assembling the glass, place the inner inlay.
- As shown in the figure above, the upper gap on the inner inlay should correspond to the upper boss on the inner plastic door.
- Place the inner inlay inside the inner plastic door by the help of the side snapfits on the inlay.
- Press these snapfits in order to place the inlay tightly.

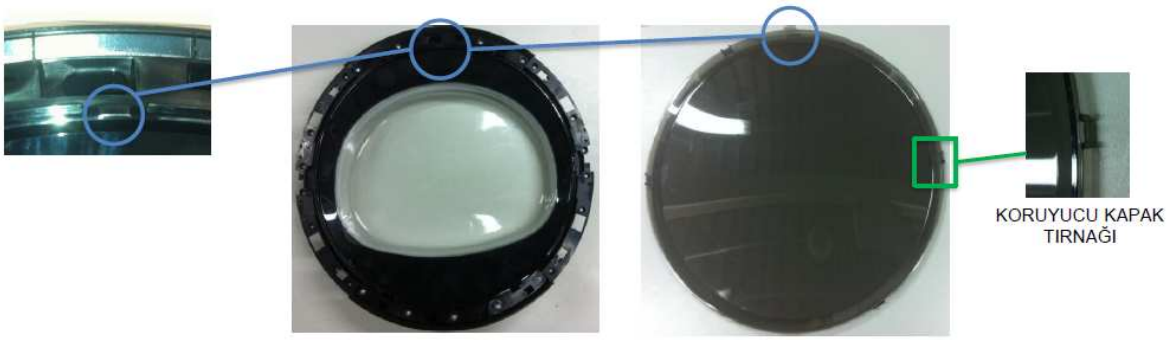


Figure 1.21. Protective Door Assembly

- After assembling the inner inlay, place the protective door.
- In order to put the protective door in a centre position, correspond the upper snapfit of the protective door onto the upper gap of the inner door.
- By using the side snapfits of the protective door, fix it on the inner door.

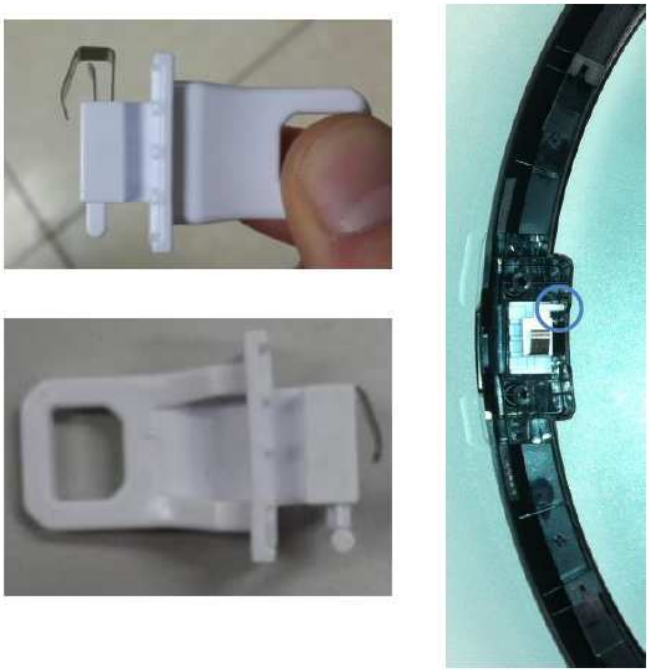


Figure 1.22. Hook Assembly

- After assembling the protective door, place the hook inside the hook holder.
- Firstly, insert the hook spring inside the hook as shown in the figure above.
- Assemble the hook inside the hook holder as shown in the figure above.

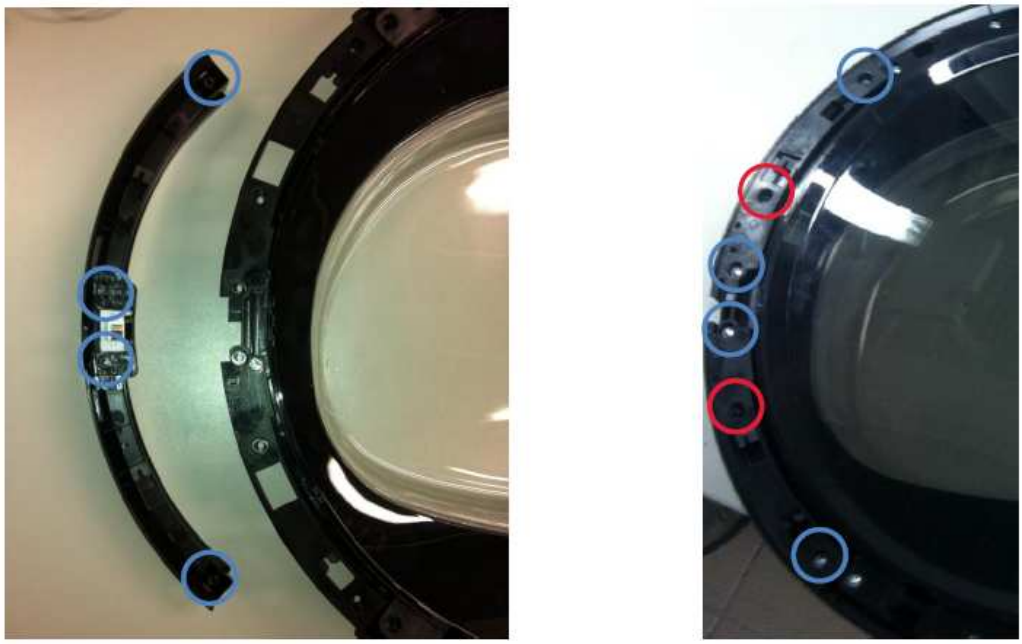


Figure 1.23. Hook Holder Assembly

- After assembling the hook inside the hook holder, insert the hook holder assembly on the inner door.
- Assemble the hook holder with the 4 blue highlighted screws.
- Red highlighted gaps should be kept empty.

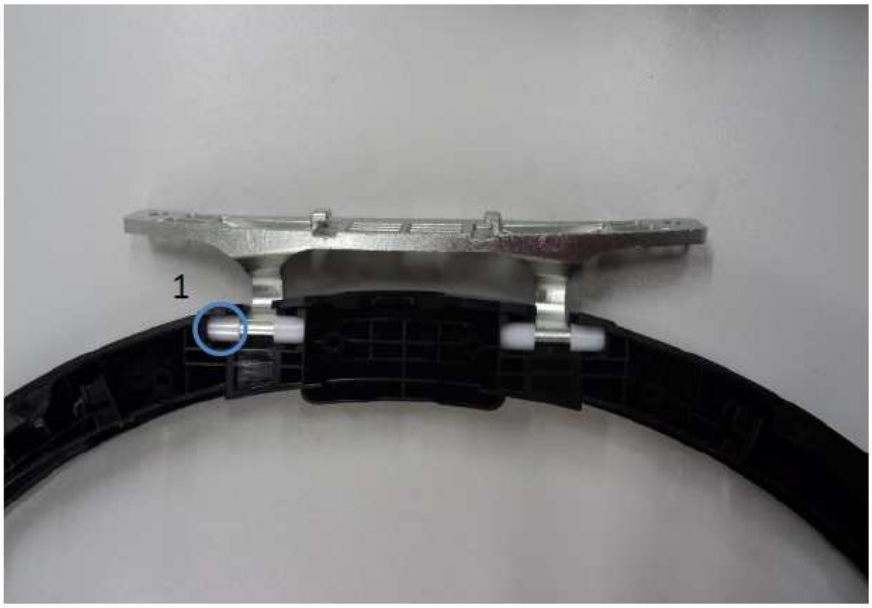


Figure 1.24. Hinge Assembly

- Insert the hinge inside the hinge holder as shown in the figure above.



Figure 1.25. Hinge Holder Assembly

- Assemble the hinge holder with the 6 blue highlighted screws.



Figure 1.26. Outer Door Assembly

- Assemble the outer door on the inner door assembly.
- As shown in the figure above, upper boss of the outer door should correspond to the upper gap of the inner door assembly.



Figure 1.27. Microswitch Assembly

- Assemble the microswitch as shown in the figure above.

1.11. Microswitch and Pump:

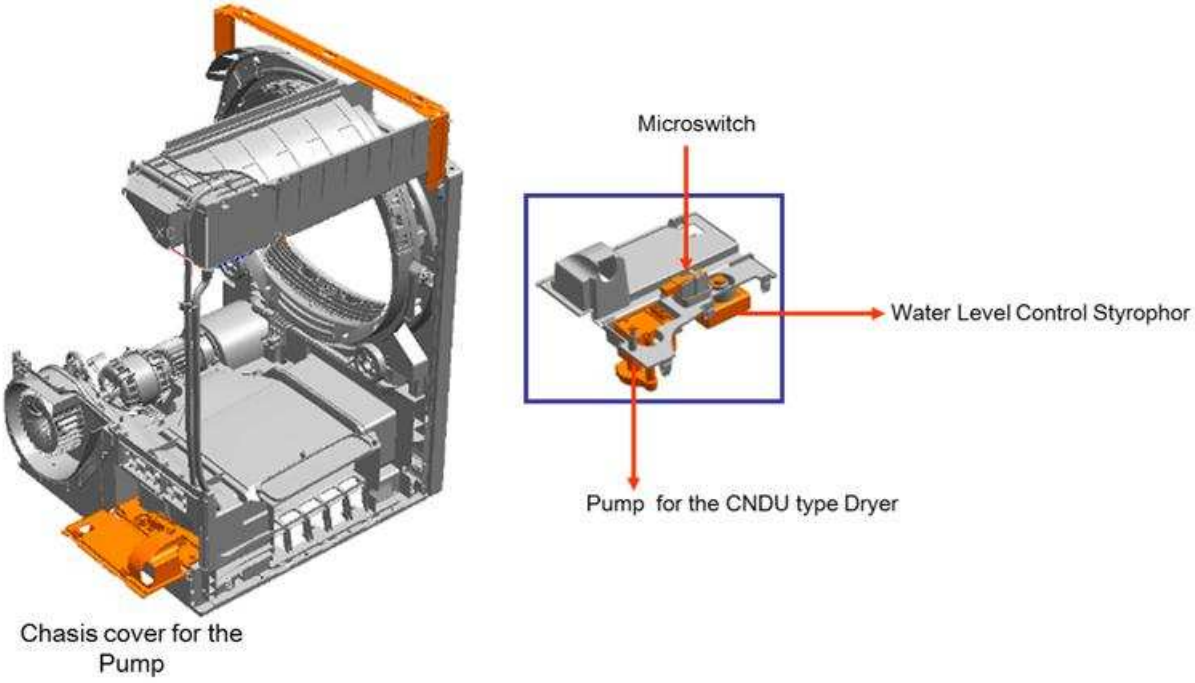


Figure 1.28. Disassembling the pump and the microswitch

1.12. Kickplates:

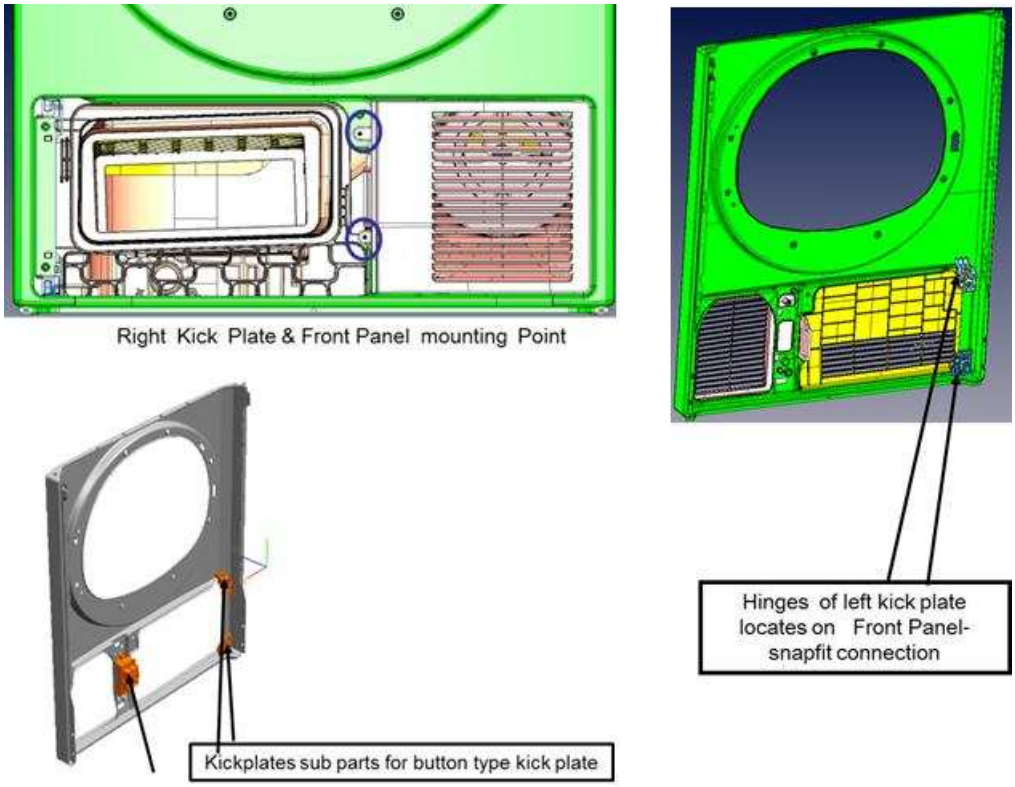


Figure 1.29. Disassembling the kickplate

1.13. Front Panel:

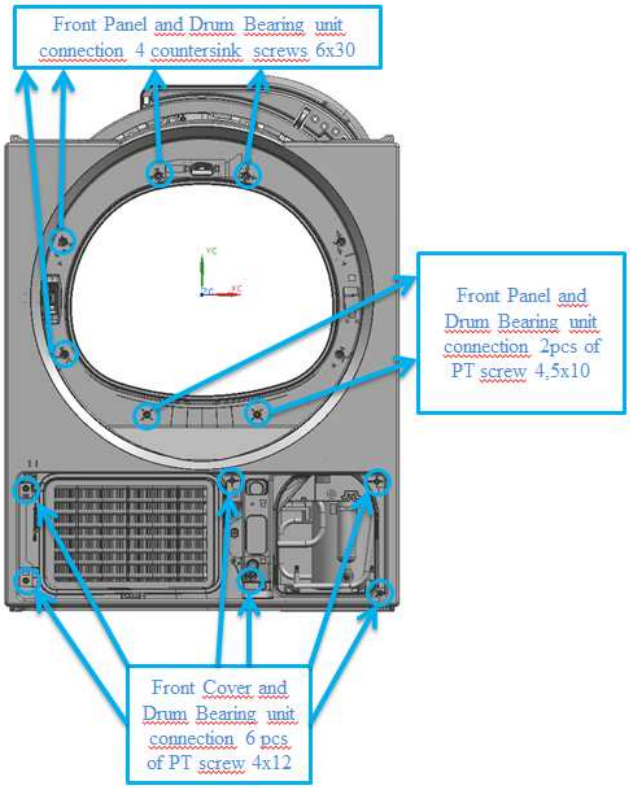


Figure 1.30. Disassembling the front panel

- After disassembling the kickplates, front panel can be dismounted from the dryer by removing the screws shown in the figure above.

1.14. Drum Front Bearing Unit:

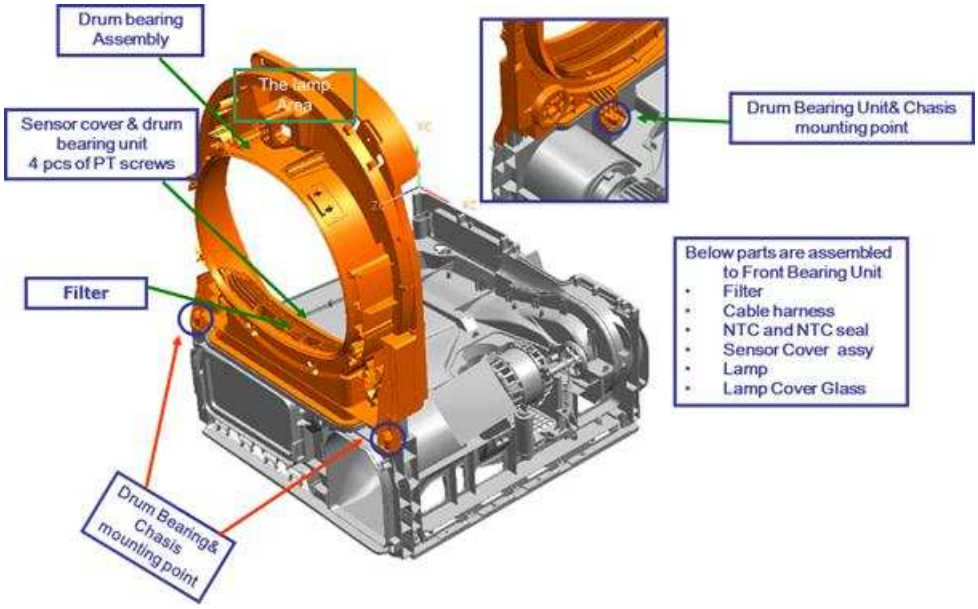
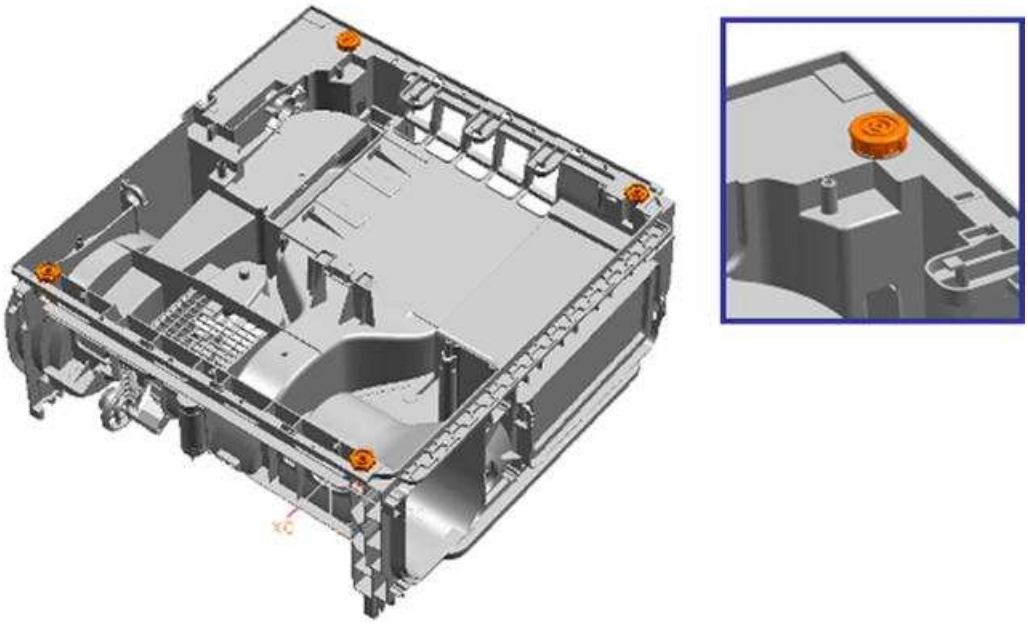


Figure 1.31. Connections of drum front bearing housing

- Disassemble the front bearing housing from the mounting points shown in the figure above.

1.15. Adjustable Feet:



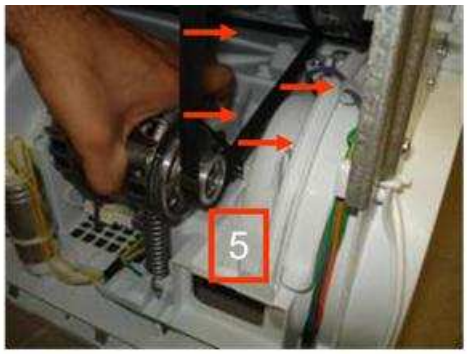
- 4 adjustable feet and their rubber parts are mounted underneath the plastic chassis as shown in the figure above.

2. Service Details for the Components:

2.1. Service Details of the Motor Unit:



- Remove the top plate.
- Remove the rear plastic cover (2).
- Remove the side panel on RHS (3).













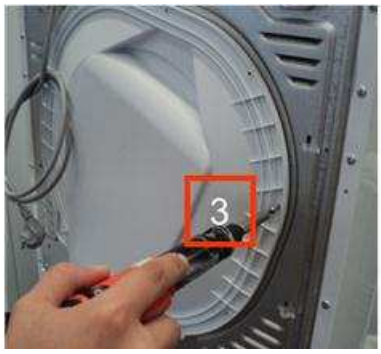




- Force the motor assembly to turn it on clockwise direction to loose V-belt (5).
- Take out the tension spring (6).
- Unscrew the 4 pcs of the PT screw as shown on the picture and take out the plastic brackets (7).
- Dismount the motor socket (7).
- Dismount the both capacitors (8).
- Take out the process fan dismounting the mounted nut (9).
- Take out the motor as shown on the picture (10). It is important to take out motor assy through highlighted direction. This will prevent Heat Pump Tube assembly from any impact and damage.

2.2. Service Details of Drum Assembly:







- Remove the top plate (1).
- Remove the side panels on each side (2).
- Remove the rear Plastic Cover (3).
- Remove the plugs and the cables of interference filter (5).













- Take out the bracelets on the main cable harness path (6).
- Remove the drum bearing prevention part (8).
- Remove the circlip and nut as highlighted on picture (9).
- Disassemble hoses (10).
- Drum assembly lifted up direction and pull back slightly (11).





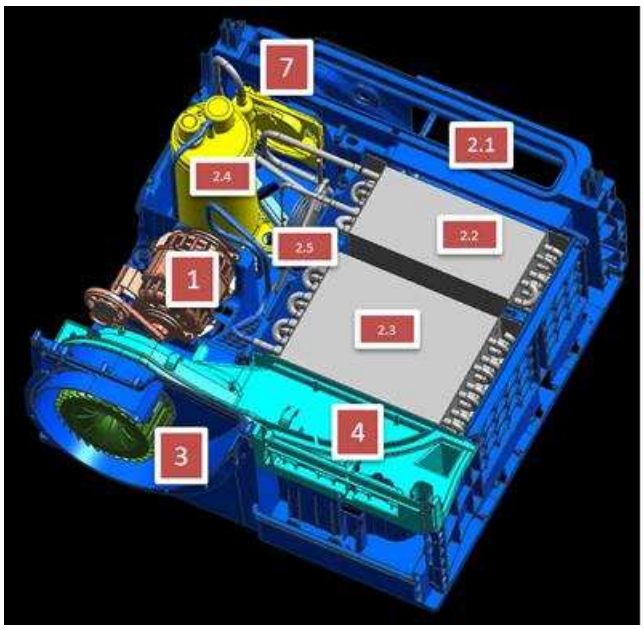
- To re-assemble the drum assy. to the dryer properly, the above pictures should be taken into account.

2.3. Service Details of Door NTC:



- Open left kickplate with or without button.
- Remove the screw on the right kickplate.
- Take out the filter.
- Take out the NTC as shown on picture.

2.4. Base Parts Inside the Plastic Chassis:





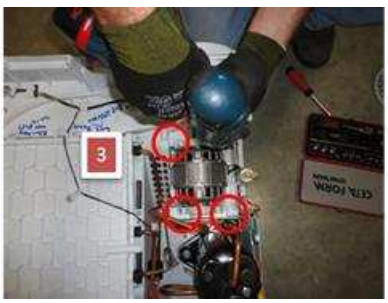


1. Motor Assembly
2. Assembly of HP System with Plastic Chassis
    1. Bottom plastic Chasis
    2. Heat Exhanger-Evaparator
    3. Heat Exhanger-Condenser
    4. Compresor Assy.
    5. Tube Assy.
    6. Plastic Cover
3. Process Fan
4. Plastic Air Guiding Part
5. Capacitors
6. Cable Harness
7. Cooling fan of the compressor

2.5. Service Details of Heat Pump System with Plastic Chassis:







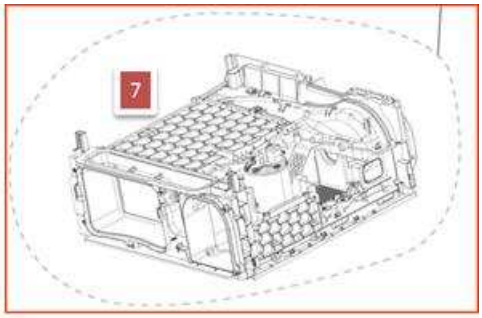


- Take out the process fan dismounting the nut and bolt (1)
- Dismount both capacitors unplugging of their sockets (2)
- Unscrew 4 pcs of the PT screws and dismount the plastic brackets (3)
- Disassembly of motor part towards to highlighted direction avoiding any damage possibility on welded tube assembly. Disassembly direction of motor assy. is important interms of preventing tube assembly from any impact (4)











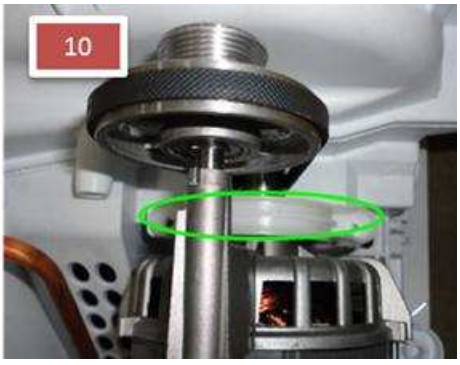


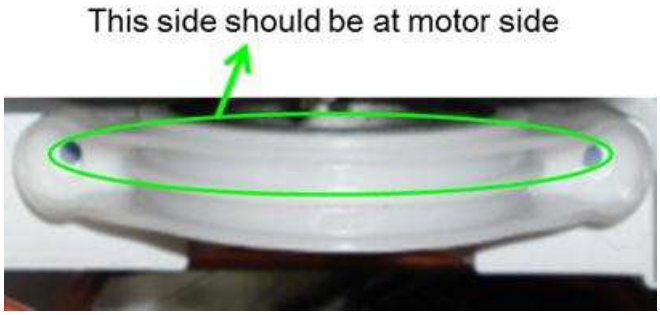
- Remove the highlighted parts respectively which are located in front of the compressor cooling fan (5).
- Unscrew the 2 pcs of PT screw which mounts the compressor cooling fan to the plastic chassis (6).
- Unplug the socket connection of the cooling fan to dismount it from the assembly of HP System (6).
- Change the new assembly of HP system with plastic chassis (7).
- Service user should check the packed assembly of HP system with plastic chassis in terms of including all parts referencing spare part list.
- Assemble each part reversibly as ordered below:
  - Compressor cooling fan (pay attention to assembly direction of part, see picture 6)
  - Highlighted parts (see picture 5)
  - Motor assembly
  - Pay attention to direction of the positioning on Plastic Chasis (Assembly direction of motor assy. is important in terms of preventing tube assembly from any impact (8))



- Assemble plastic brackets (mounting direction of the bracelets is important, see pictures (9)(10))







- Capacitors:
  - Pay attention types of the capacitors (Bigger capacitive capacitor should be at compressor side)
  - Harness





- Cable connection of compressor (Grey cable is at S; red cable is at R; cable of thermic is at C)





Compressor Cable Connection of HP with Energy Classes of A+/A++ (A-50%)/A+++



Compressor Cable Connection of HP with Energy Classes of A++ (A-60%)

- Assemble each part & Assembly reversibly as ordered below:
  - Process Fan
  - Front Bearing Assembly
    - Pay attention to the harness
  - Front panel
  - Door NTC
  - Pump & Microswitch
  - Kick plates
  - Control Panel
  - Front Door Assembly

2.6. Service Details of Pump and Microswitch:



- Remove the highlighted screw.
- Open the cover with pushing snap-fit.
- Remove the highlighted hose.
- It is possible to apply service on microswitch parts on this level.
- It needs to completely remove pump cover to service the pump and water level part.

2.7. Service Details of Control Panel and Drum Lamp:



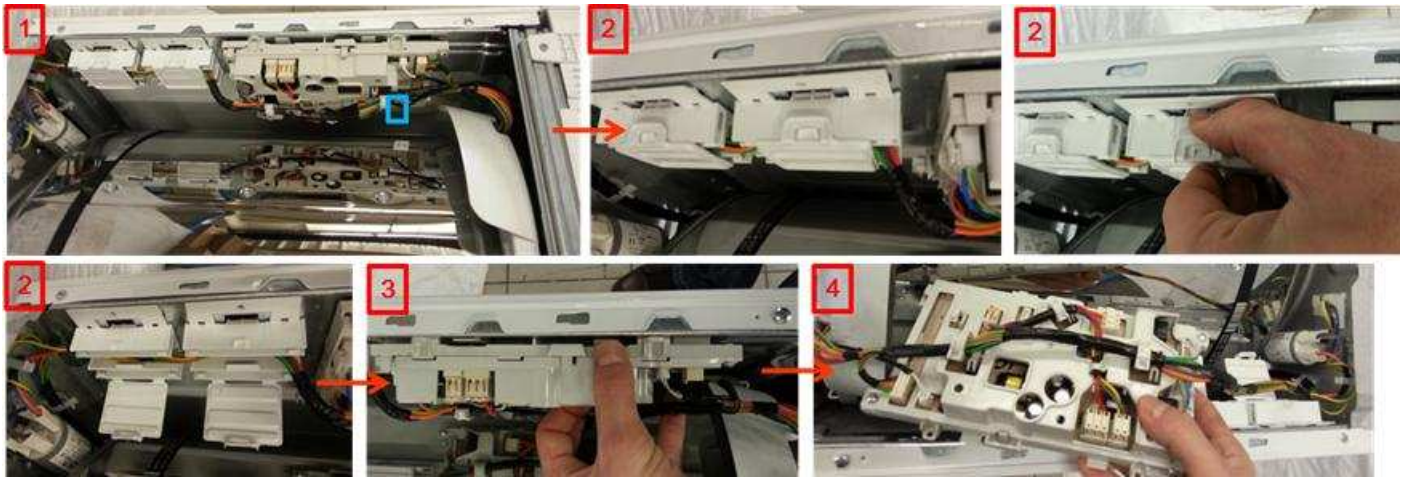
- Remove the top plate.
- Remove the 3 pcs of the screw that highlighted on picture.
- Remove the additional screw if the dryer is CNDU type.
- Control panel assembly is available to apply service action on this level.

2.8. Service Details of Door Lock System:



- Remove the top plate.
- Remove side panel on LHS.
- Disassemble the plastic housing as shown on the pictures.
- Take out the locking assembly working on inner side as highlighted on the picture.

2.9. Service Details of Emperor Main Board:



- Remove connection cable with display board. (1)
- Remove cable from channels. (2)
- Remove main board from side support bracket by snap fits and pull. (3)
- Remove the connectors. (4)
- Emperor main board is available to apply service action on this level.