

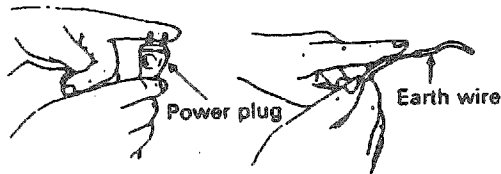
DISASSEMBLY INSTRUCTIONS AND ADJUSTMENTS

WARNING

BEFORE ATTEMPTING TO SERVICE OR ADJUST ANY PART OF THE MACHINE, DISCONNECT THE ELECTRICAL POWER SUPPLY FROM THE WALL OUTLET.

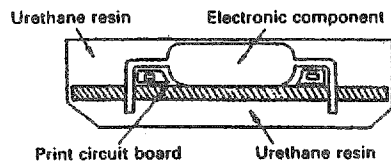
Caution to be observed when trouble shooting

1. Electronic components of the print circuit board is MOS TYPE FET. When replace and trouble shooting of the print circuit board, Make sure body is grounded before beginning repair work. But, in case can not ground, touch to the plug and earth wire, And remove the potential difference between the set and body of the worker completely.

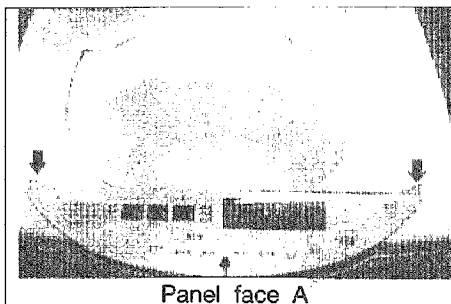


Print circuit board

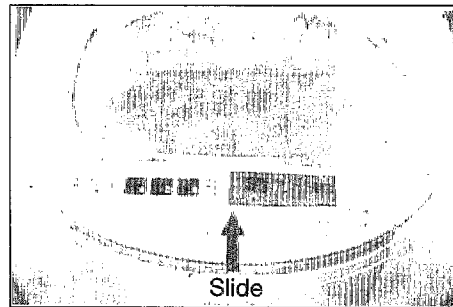
1. Print circuit board has been coated with urethane resin to improve moisture resistant. Therefore electronic components on the print circuit board can not replace and trouble shooting.
2. When replace the P.C. Board, do not scratch the P.C. Board, do not scratch the surface of the P.C. Board.



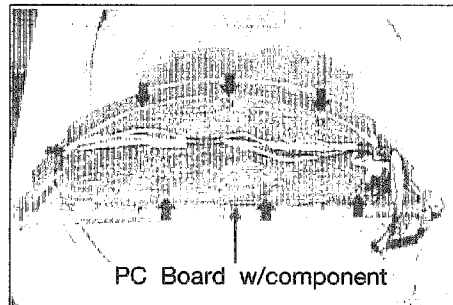
PC Board w/component, Push switch (Operation side)



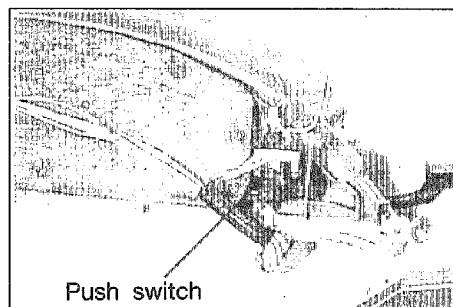
1. Open the lid.
2. Remove 2 pcs of panel A packing
3. Remove 2 screws mounting the Panel face A.



4. Slide Panel face A to inner side to remove.



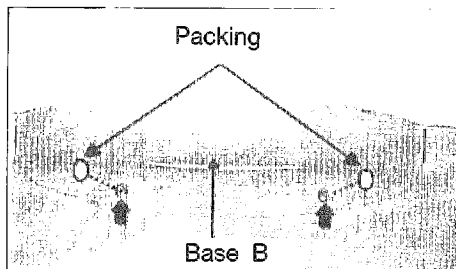
5. Reverse the Panel face A front side back.
6. Remove 8 screws mounting the PC Board.
7. Remove leadwire holder.
8. Remove connectors from PC Board.



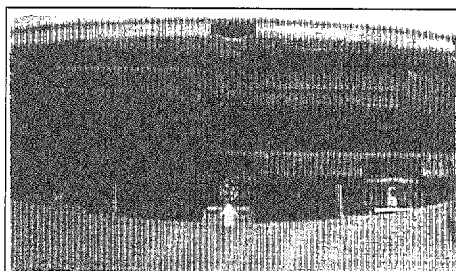
Replacement of Push switch.
(Until No5, same procedure as PC Board - replacement)

6. Remove leadwire holder
7. Remove 2 screws mounting the Push switch.
8. Remove connector from the Push switch.

PC Board W/Component (Power side)



1. Remove 2 pcs. of Packing and remove 2 screws mounting the base B.

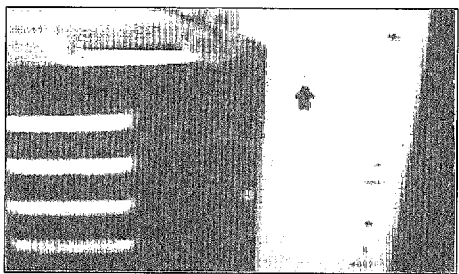


2. Remove a screw mounting the PC Board.

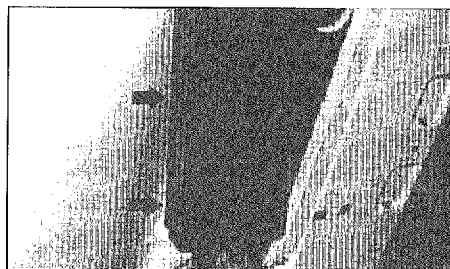


3. Take out the PC Board to outside and turn it back.
4. Remove the insulation spacer A from PC Board.
5. Remove connectors from PC Board.

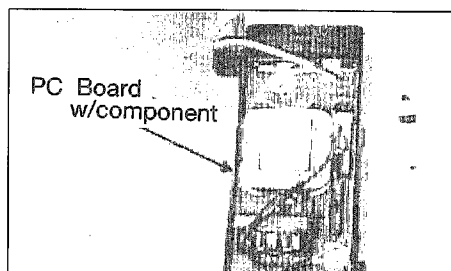
PC Board W/Component (Noise filter side)



1. Remove 4 screws mounting the back panel.
2. Remove a special screw mounting the PC Board by using Torx-Driver (Hong Kong, Singapore and Malaysia). It shall be used Philips type screw driver for other countries.

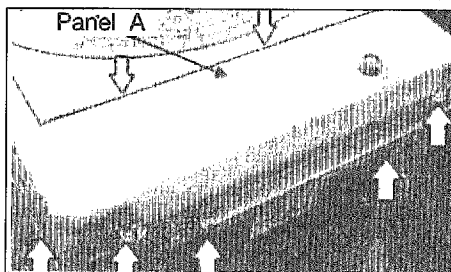


3. Remove pawls of the PC Board cover case. (Left / Right 2 portions each)
4. Remove PC Board cover case from PC Board.

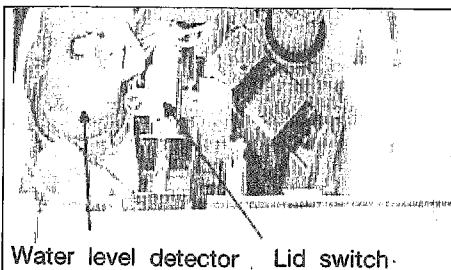


5. Remove connectors.

Water level detector, Lid sw, Feed valve



1. Remove screws mounting the Panel A. And also, Remove pawls from right portion of back side. Strike the body B slightly to remove Panel A easily.



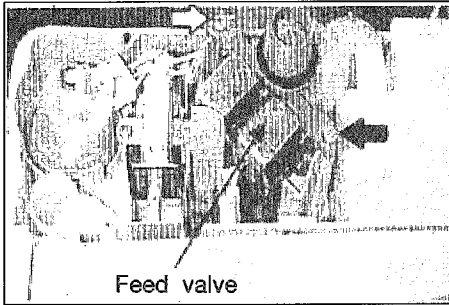
●Water level detector replacement

2. Remove connector.
3. Remove the Air hose.

●Lid switch replacement

2. Remove 2 screws mounting the lid switch.
3. Remove connector.

NOTE Operate C-Process of Test Running without Water to check lid switch's operation.

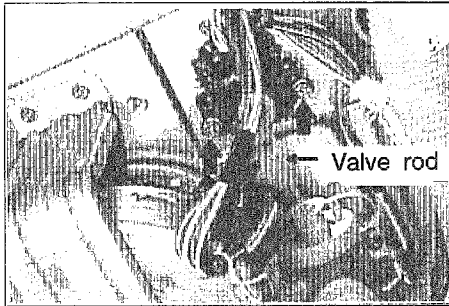


●Feed valve replacement

- 2.Remove 2 screws mounting the Feed valve.
- 3.Remove connector.
- 4.Remove 2 hoses.

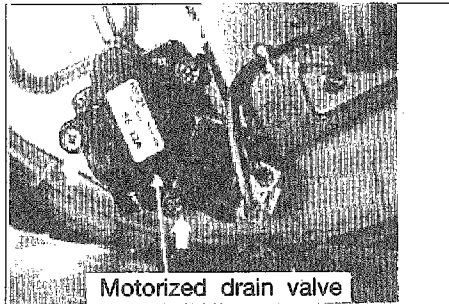
NOTE Do not break the Feed hose when removing from the feed valve.

Motorized Drain Valve (For drain)



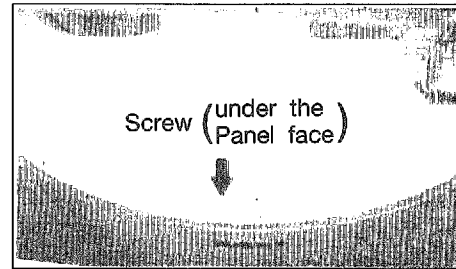
- 1.Place the machine on the opposite face of drain hose side.
- 2.Remove connector after changing position of the insulation tube.
- 3.Remove screws mounting the Motorized drain valve by using Box wrench (HW-16).
- 4.Remove the valve rod from the Valve packing.

Motorized Drain Valve (For change mode)

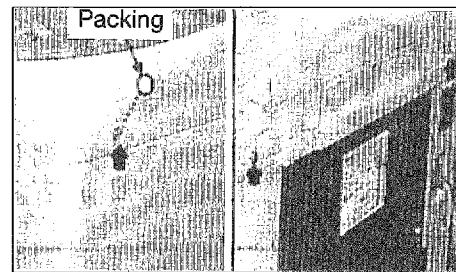


- 1.Place the machine on the opposite face of drain hose side.
- 2.Remove connector.
- 3.Remove screws mounting the Motorized drain valve by using Box wrench (HW-16)
- 4.Remove slider portion of the Motorized drain valve from the valve rod.

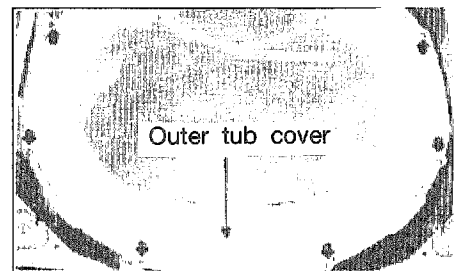
Mechanism Motor



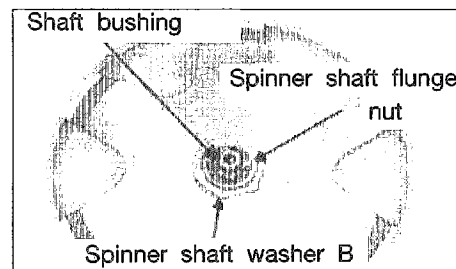
- 1.Remove 2 screws mounting the panel face, And remove as shown in figure.
- 2.Remove a screw locating center portion of the body B.



- 3.Remove the Packing and screws mouting the body B.
- 4.Remove 2 screws mounting the back side of the body B.

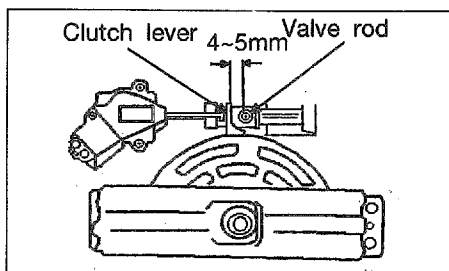
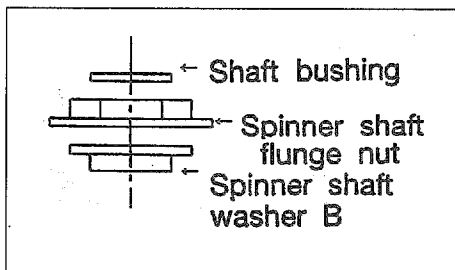


- 5.Rise the body B up on the wall.
- 6.Remove 8 screws mounting the outer tub cover.
- 7.Remove the Pulsator.



- 8.Remove the shaft bushing, spinner shaft flunge nut and spinner shaft washer B.
- 9.Remove the tub to up ward.

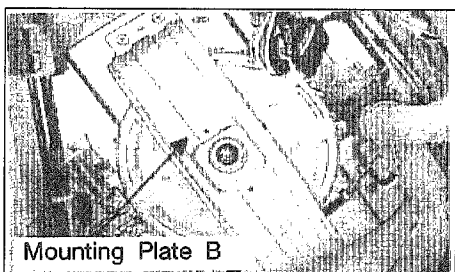
<Position of the nut & washers>



1. Operate spin process and confirm abnormal noise has not occurred.

In case abnormal noise has occurred, Adjust space 4 to 5mm between clutch lever and the valve rod.

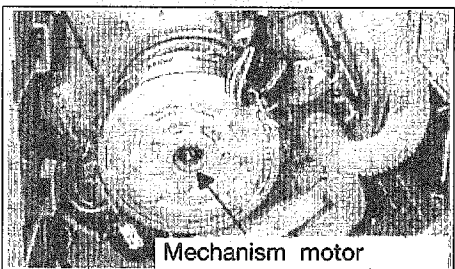
2. Operate Centrifugal washing with water load and check whether it is no water leakage occurred.



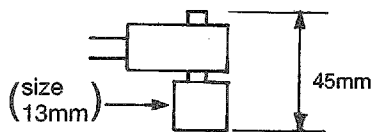
10. Place the machine on the opposite face of drain hose side.

11. Remove 4 screws mounting the outer tub mounting plate B.

12. Remove 2 connectors after changing position of the insulation tube.



13. Remove 6 screws mounting the mechanism motor by using one-way type socket wrench.



NOTE Check movement after replacement.