<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>Remove Flat head phillips screws x 4 and take out the wiring box cover</td>
</tr>
<tr>
<td>2.</td>
<td>Remove Flat head phillips screws x 2 from control board</td>
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<tr>
<td>3.</td>
<td>Remove Flat head phillips screws x 4 and disconnect the wiring from terminal connector</td>
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<tr>
<td>4.</td>
<td>Disconnect the signal cables</td>
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<tr>
<td>5.</td>
<td>Take out the control board</td>
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<td>6.</td>
<td>Remove flat head phillips screws x 1 from Triac holder</td>
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</table>
7. Remove the connection from capacitor
8. Take out the connection cables of pressure switch and flow switch/check valve
9. Using wrench to remove pressure switch
10. Using wrench to remove flow switch/check valve
11. Remove pressure tank
12. Remove hexagonal bolt x3 from pump casing
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<tr>
<td>13</td>
<td>Take out the pump casing</td>
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<tr>
<td>14</td>
<td>Using flathead screwdriver to pull up the impeller</td>
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<td>15</td>
<td>Take out the impeller</td>
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<tr>
<td>16</td>
<td>Remove the parallel key from shaft</td>
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<td>17</td>
<td>Using long nose pliers to remove C type ring</td>
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<td>18</td>
<td>Remove mechanical seal cap</td>
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</table>
19. Remove spring

20. Remove rotary part of mechanical seal

21. Using flathead screwdriver to pull up the stationary part of mechanical seal

22. Take out the stationary part of mechanical seal

1. Pressure tank
2. Motor
3. Pump casing
4. Capacitor
5. Control board
6. Pressure switch
7. Flow switch / check valve
8. Wiring box cover
9. Mechanical seal (cap, spring, stationary, rotary)
10. Impeller
1. Spray water on the stationary part for lubrication
2. Put stationary part on shaft (white color face up)
3. Using tool push stationary part to the bottom position
4. Put rotary part on shaft
5. Using tool install rotary part
6. Put spring on shaft
7. Put mechanical seal cap

8. Using long nose pliers to install C type ring

9. Put parallel key on shaft

10. Put impeller on shaft and make sure the impeller spins freely

11. Assembling pump casing with motor
12. Using wrench to tighten up the hexagonal bolt

13. Install the pump tank

14. Install the Flow switch / check valve and using wrench to tighten up

15. Install the pressure switch and using wrench to tighten up

16. Install the connection cables of pressure switch and flow switch/check valve

Make sure tighten the waterproof O-ring
17. Connect the capacitor

18. Tighten up the Triac holder

19. Put the control box back to wiring box

20. Connect the cables of pressure switch and flow switch/check valve

21. Following the color indication connect the cables

Tighten up all cables to terminal connector
22. Tighten up the Flat head phillips screws

23. Put wiring box cover

24. Tighten up the wiring box cover