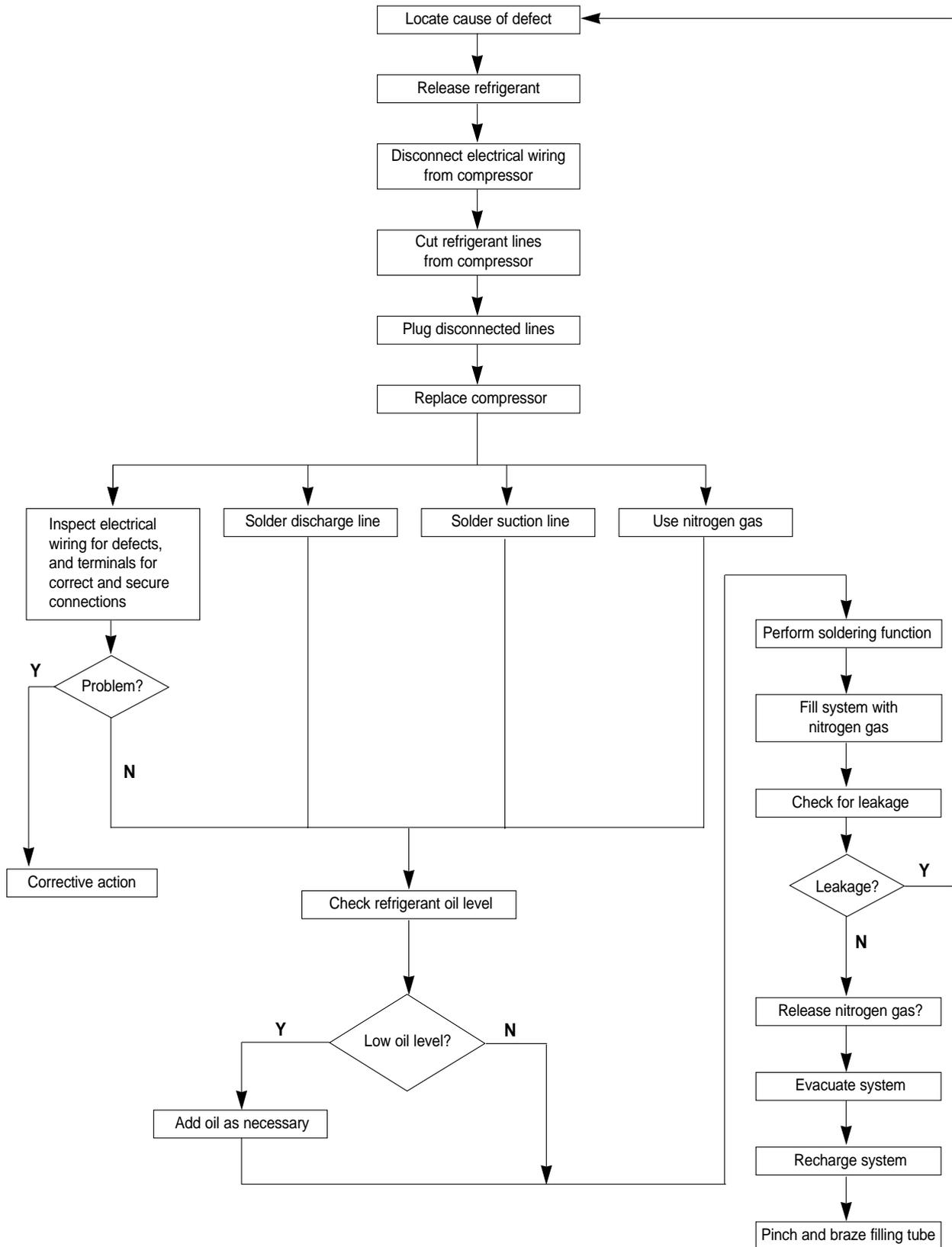


## 4. Disassembly and Reassembly

### 4-1 Compressor Replacement Flow Chart



## 4-2 Checking the oil

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Fill the transparent container with 10cc of oil, and then conduct the test.

### 4-2-1 Oil quality

Condition of Refrigerant Cycle	Oil Condition		Remarks
	Color	Odor	
Normal	Straw Yellow	No Odor	Return with the system
Over-heated	Brown Color	-	Change the oil
Compressor Damage	Dark Brown	Pungent oil	Change the oil

### 4-2-2 Replacing and refilling the refrigerant oil

1. Change the compressor - DO NOT recharge the oil as the compressor itself is already charged.
2. Change the condenser .... add 50cc
3. Change the evaporator .... add 50cc
4. When the refrigerant is replaced .... add 30cc oil.
5. After vacuum is completed, the oil is filled through the high pressure side.
6. In the event of a refrigerant leak, generally it is not necessary to add oil.  
(Unless the oil has leaked significantly.)

### 4-3.Disassembly and Reassembly Procedure

Stop operating the air conditioner, and pull out the power cord before repair.

No.	Part Name	Procedures	Remarks
1	Ass'y Grille	<ol style="list-style-type: none"> <li>1.Pull the Grille air inlet and Guard air filter out.</li> <li>2.Remove the screw on the panel front.</li> <li>3.Hold the lower part of panel with two hands while pressing down on both sides of the lower part of the cabinet, pull it forward by about 30mm,and then lift it up carefully for removal.</li> </ol>	
2	Ass'y Cabinet	<ol style="list-style-type: none"> <li>1.Remove all screws on the both side of the cabinet .</li> <li>2.Take the cabinet upward.</li> </ol>	
3	Ass'y Control	<ol style="list-style-type: none"> <li>1.Remove the earth screw fixed on the base.</li> <li>2.Remove 3 screws fixed on the partition.</li> <li>3.Remove the screw fixed for the power cord.</li> <li>4.Un-connect the motor wire and comp lead wire, then take out the control box upward.</li> </ol>	 <p>(The picture maybe have a little different from actual product)</p>

## Disassembly and Reassembly Procedure

No.	Part Name	Procedures	Remarks
4	CASE EVAP UP & ASSY EVAP	1.Take the case evap up forward carefully. (tear all the seal on it before )  2.Pull the frame up upward.	
5	Blower	1.Remove all screws on the evaporator.  2.Pull the evaporator from frame low carefully.  3.Remove the nut and remove the Blower.	
6	Case Cond & Fan Propeller & Motor Fan	1.Remove 2 screws on the rear side of the base pan, and all screws fixed on case cond.  2.Pull up the condenser from the base pan.  3.Remove the nut and remove the Propeller fan.  4.Remove the screw fixed on the partition and earth screw fixed on the base pan, then take out the motor backward.	