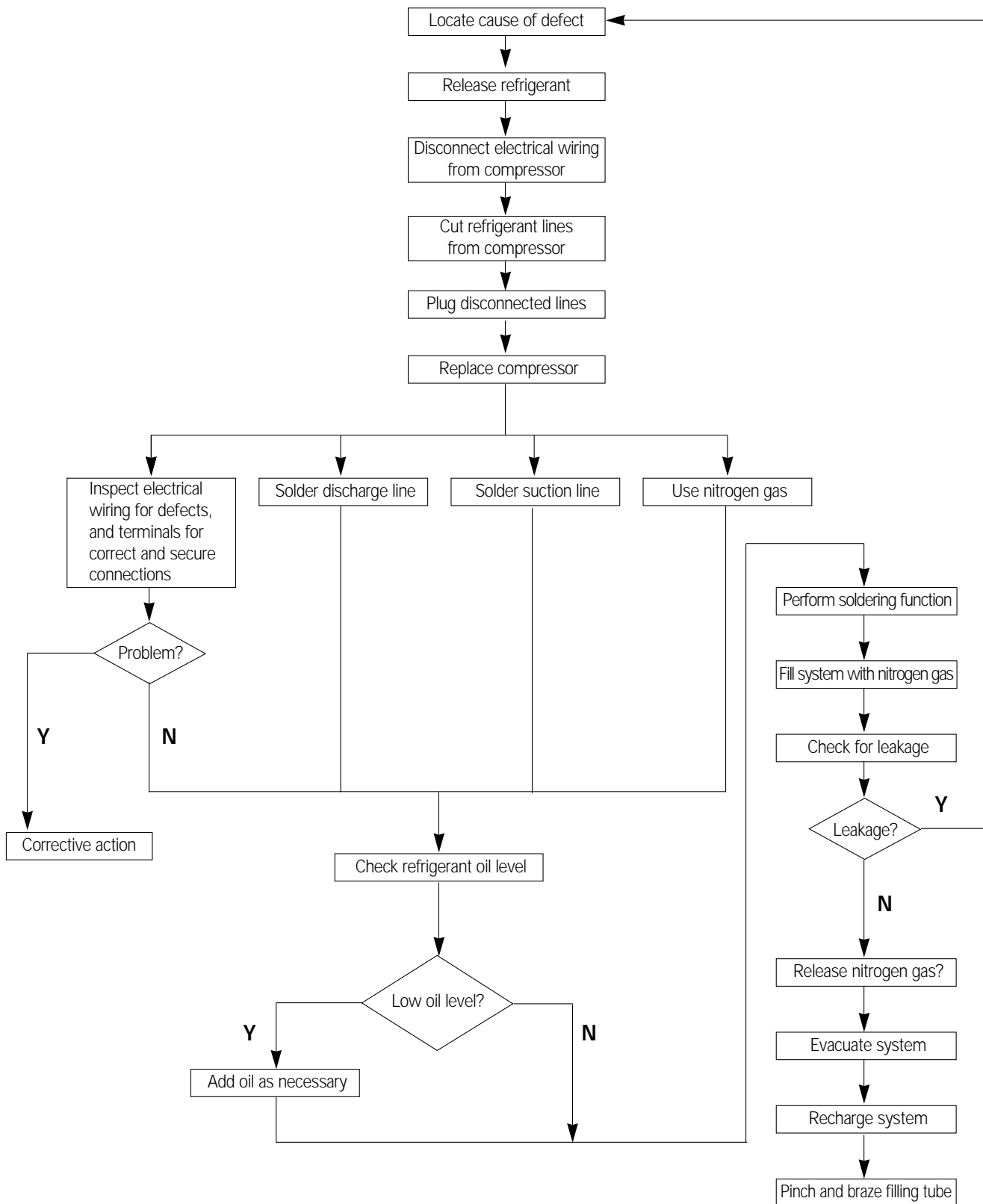


4. Disassembly and Reassembly

4-1 Compressor Replacement Flow Chart



4-2 Checking the Oil

Put approximately 10cc oil into a transparent container and test it.

4-2-1 Oil quality

Condition of Refrigerant Cycle	Condition of Oil		Remarks
	Color	Odor	
Normal	Light Yellow	No Odor	Return with the system
Overheat	Brown Color	-	Oil Change
Motor Damage	Dark Brown	Pungent Oil	Oil Change

4-2-2 Changing and adding refrigerant oil

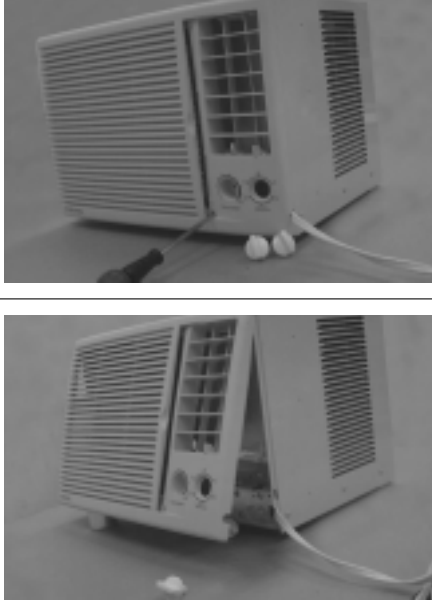


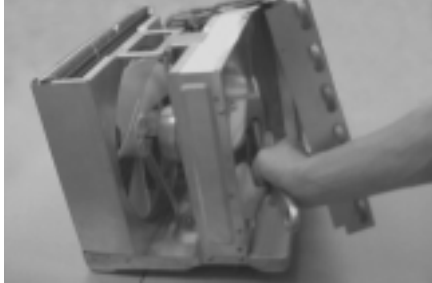
1. Change the compressor - DO NOT recharge the oil as the compressor itself is already charged.
2. Change the condenser add 50cc
3. Change the evaporator add 50cc
4. When the refrigerant is replaced add 30cc oil.
5. After vacuum is completed, the oil is filled through the high pressure side.
6. In the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

4-3 Refrigerant Oil Specifications

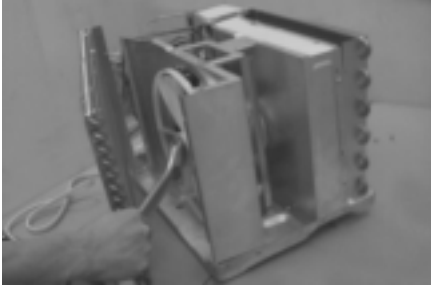

Model	Oil Specification	Oil Change
AW05B05A(AW0500)	SONTEX 200LT	260CC
AW05E05A(AW0510)	SONTEX 200LT	260CC
AW05B05A(AW0500A)	SUNISO 4GDID	260CC
AW05E05A(AW0510A)	SUNISO 4GDID	260CC
AW05F05A	SONTEX 200LT	260CC
AW05F05A(AW0510C)	SUNTEX 200LT	260CC
AW05F05A(AW0510B)	SUNISO 4GDID	260CC
AW05F05AA	SUNTEX 200LT	260CC
AW05F0EA	SUNTEX 200LT	260CC
AW05F0BA	SUNTEX 200LT	260CC

4-4 Disassembly and Reassembly Procedure

Stop operating of the air conditioner and remove the power cord before repairing the unit.

No.	Part name	Procedures	Remarks
①	Ass'y - Grille	<ol style="list-style-type: none"> 1. Remove the knobs and the grille screw located behind the guard air filter. 2. Remove the grille from the cabinet by pushing in on the grille tabs on both cabinet sides, and then lift the grille off the top latches. 	
②	Ass'y - Frame	<ol style="list-style-type: none"> 1. Remove the 7 screws on each of the cabinet and lift the cabinet upward. 	
③	Ass'y - Evaporator	<ol style="list-style-type: none"> 1. Remove foam-seal on the top of the unit. 2. Remove 4 screw on the both side of evaporator. 3. Separate the evaporator from the unit. 	
④	Ass'y - Blower	<ol style="list-style-type: none"> 1. Loose the nut to disassemble the blower. 	

Disassembly and Reassembly

No.	Part name	Procedures	Remarks
⑤	Ass'y - Condenser & Fan propeller	<ol style="list-style-type: none"> 1. Remove the 2 screws on the bottom between the base-pan and the condenser and 2 screws on left side of condenser. 2. Separate the cond-casing from the base-pan. 3. Loose the nut to disassemble the fan-propeller. 4. Separate the fan-propeller from the motor and the cond-casing. 	
⑥	Ass'y - Control	<ol style="list-style-type: none"> 1. Remove the 2 screws at the bottom of between the base-pan and the control-box. 	
⑦	Ass'y - Motor	<ol style="list-style-type: none"> 1. Remove the 2 screws on the motor and mounor motor. 2. Separate the motor from mounor motor. 	