

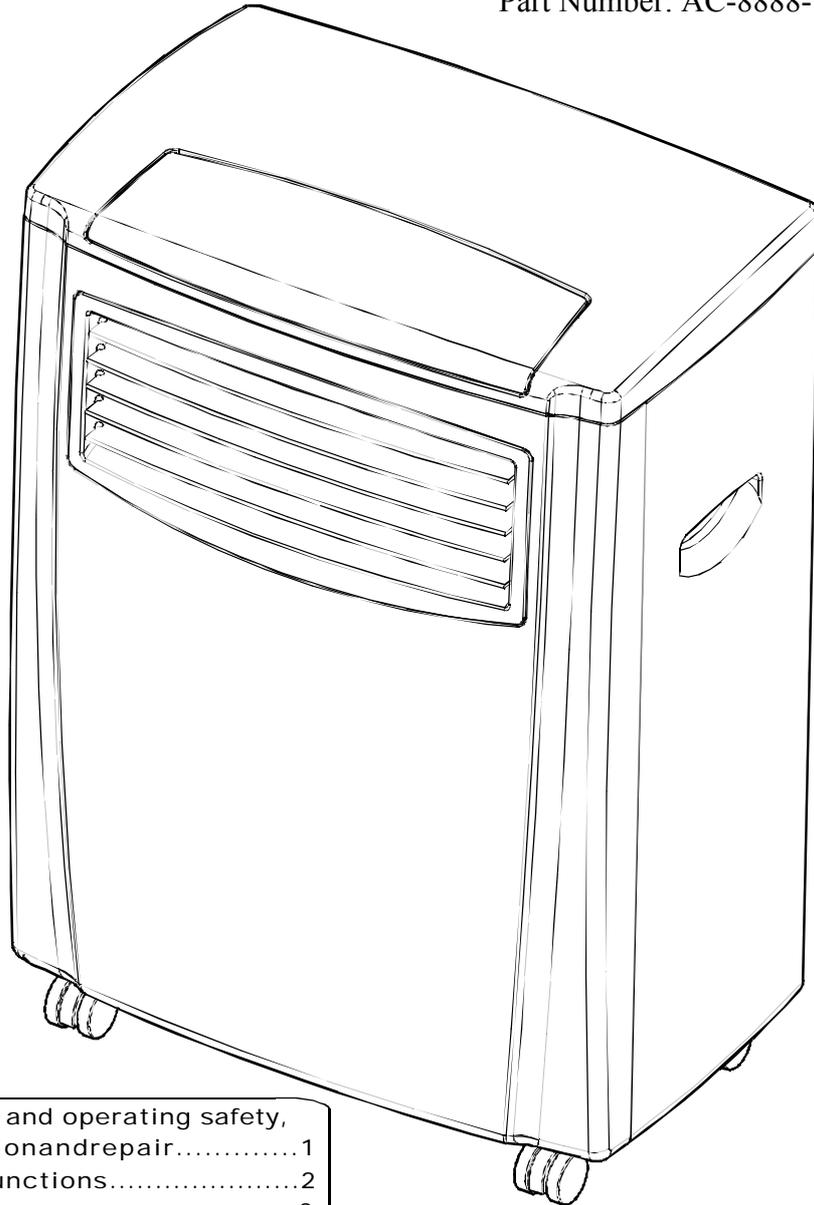
HAIER AMERICA

SERVICE MANUAL

PORTABLE AIR CONDITIONER

AP075M

Part Number: AC-8888-146



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This manual is for the use of technical personnel entrusted with maintenance.

Widetech reserves the right to change this dehumidifier's casing, circuit and parts without notice.

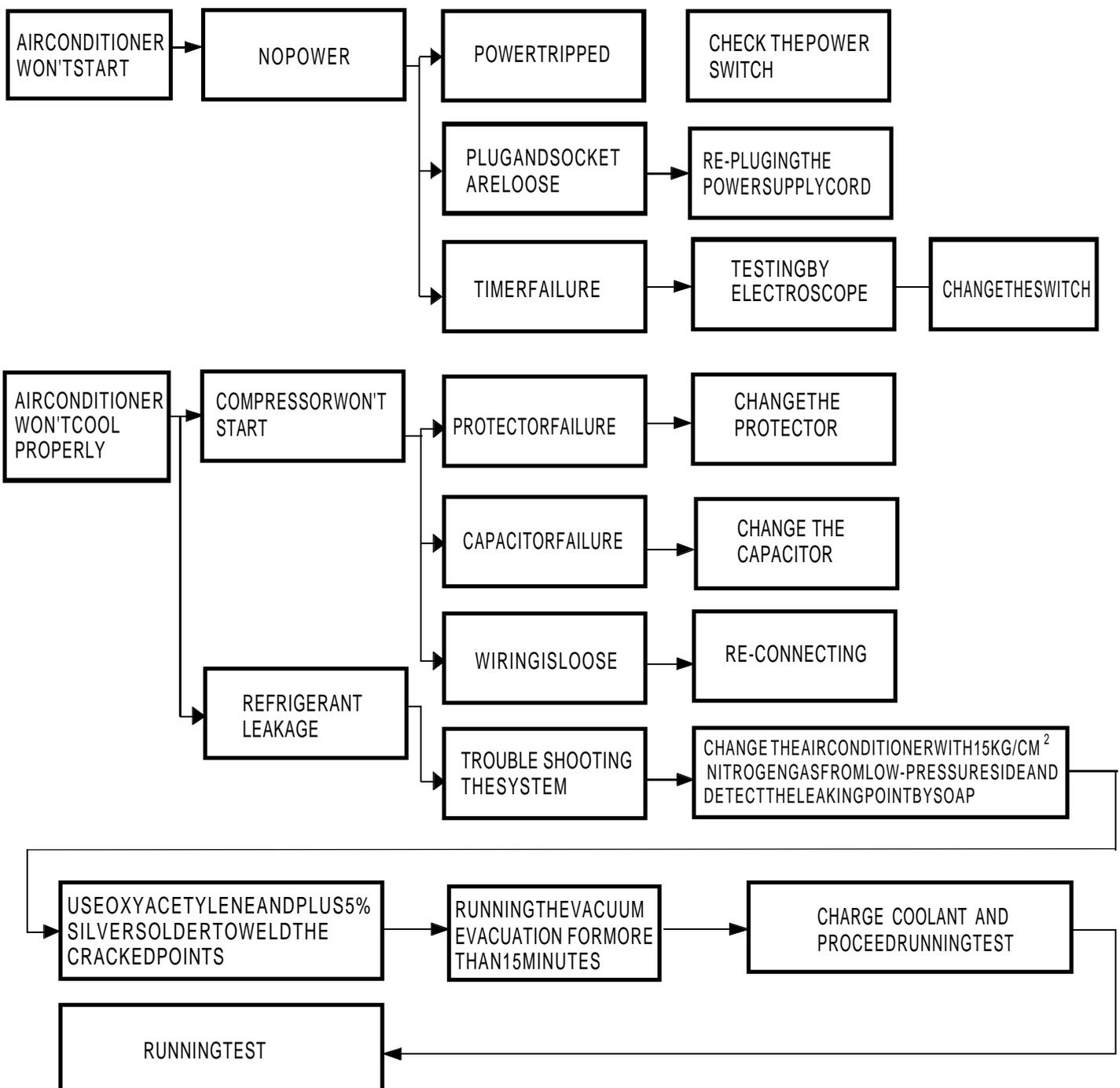
115V / 60Hz

IMPORTANT POINTS ON SERVICE OPERATING SAFETY

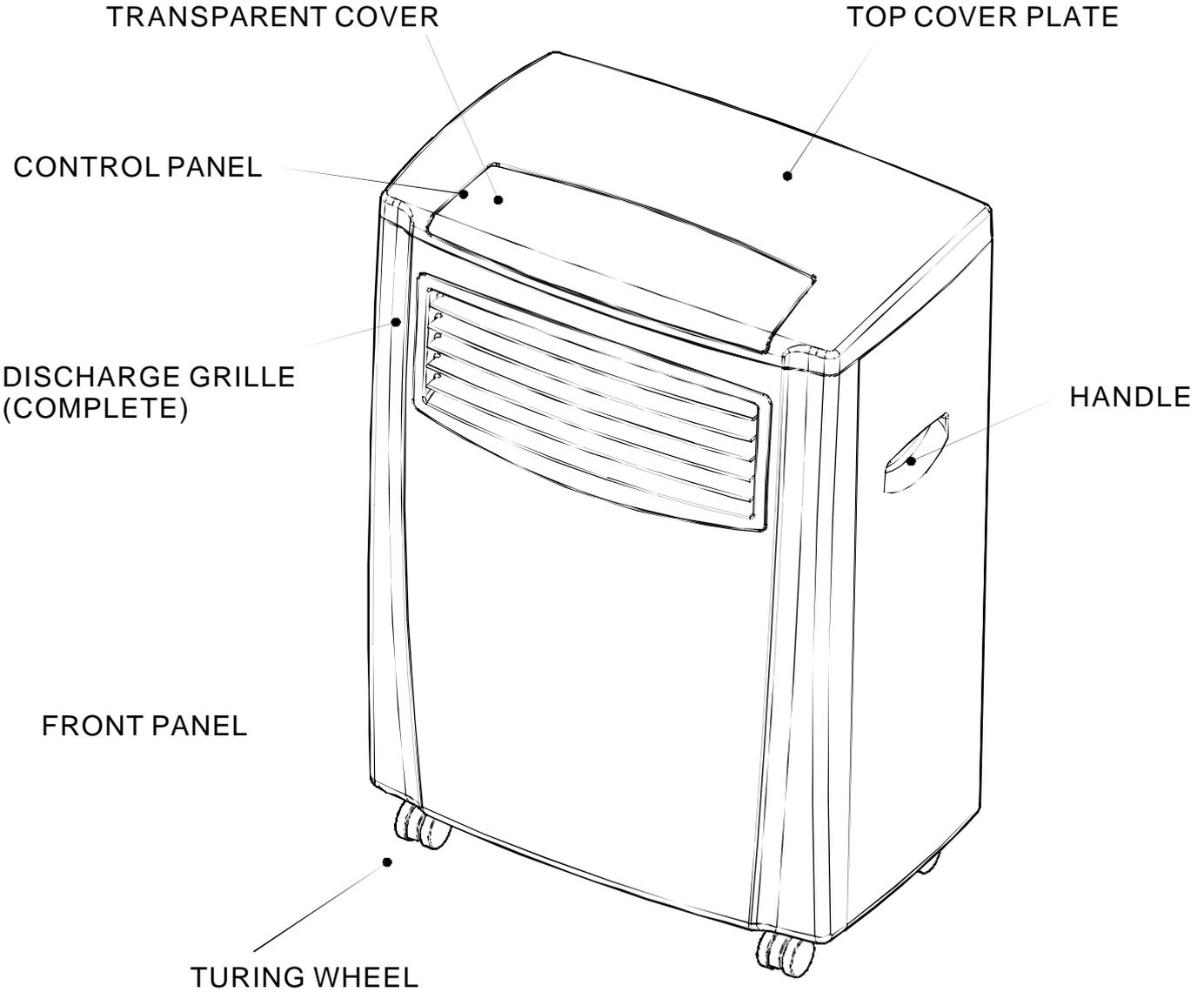
Please follow these instructions carefully:

- Unplug the unit to avoid any danger from electric shock before disassembling the unit for repair.
- If there is any sound of the refrigerant circulating when in operation, avoid touching the cooling coils.
- If you need to perform any welding or soldering, be sure you are in a well ventilated area.
- Only a qualified professional should perform any welding on the unit.
- When repairing the unit, the specifications listed in this manual must be strictly adhered to when replacing any components.
- When replacing any electrical components they should be factory approved units.
- Be sure that any electrical components are properly wired and in place.

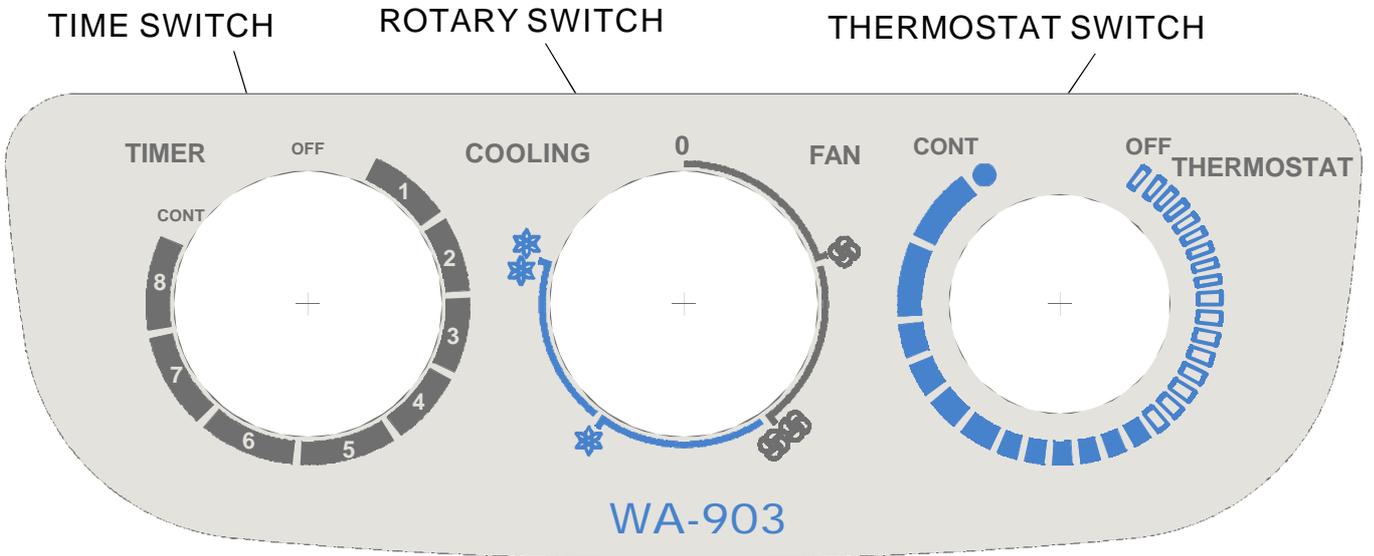
FLOW CHART FOR INSPECTING AND REPAIRING THE UNIT



APPEARANCE(OUT WARD)



FUNCTIONS



TROUBLESHOOTING

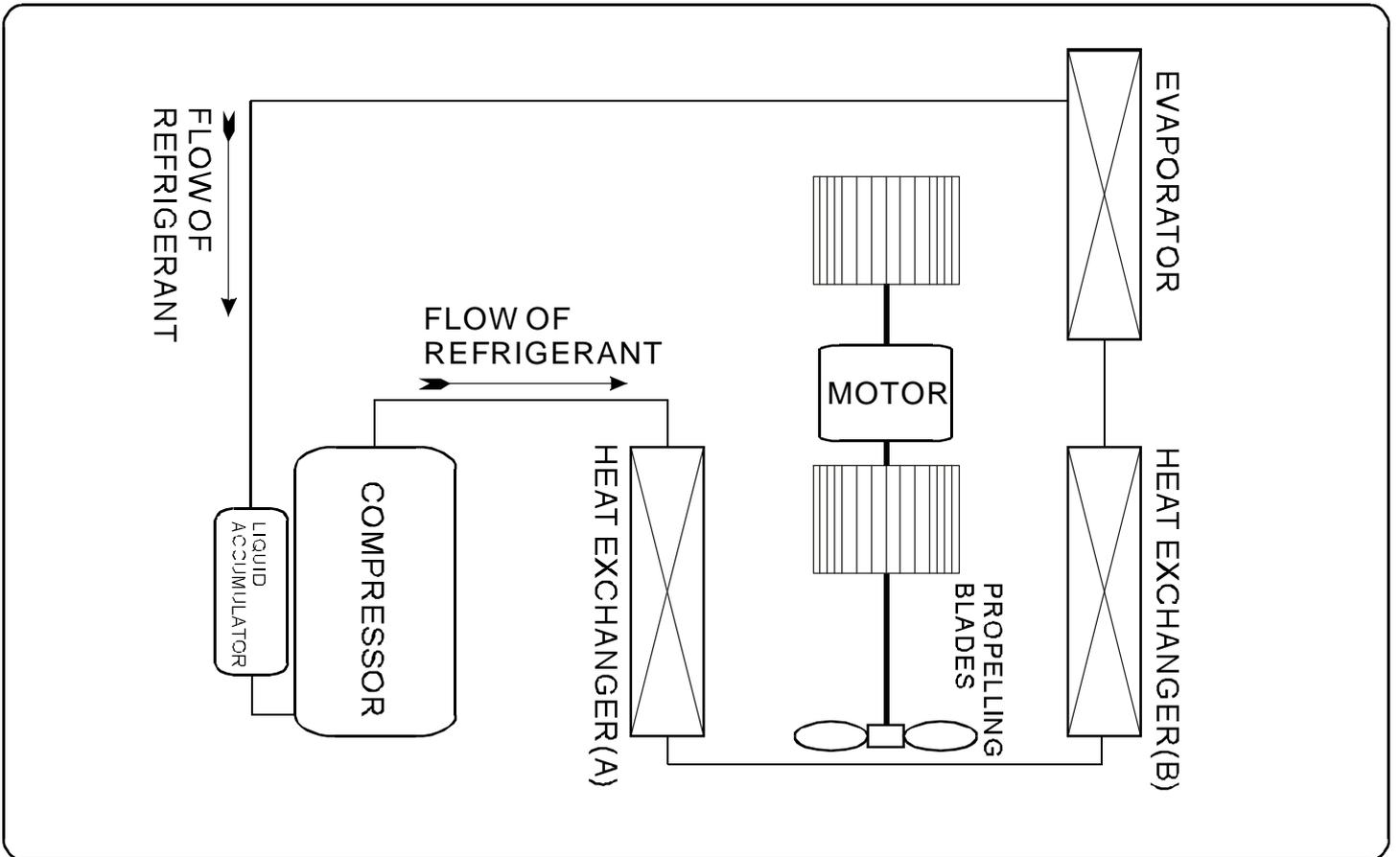
PROBLEM	POSSIBLE CAUSE	REMEDIES
The air conditioner doesn't work	<ul style="list-style-type: none"> -There is a power failure -The plug is not connected -The timer is unable to work -The main switch has not been pressed 	<ul style="list-style-type: none"> -Wait for the power return -Connect the plug -Provide repairment -Press the main switch
The air conditioner works for short period only	<ul style="list-style-type: none"> -The set temperature is too close to the room's temperature -There is something blocking the suction vent on the back of condenser -The fan on the condenser is blocked 	<ul style="list-style-type: none"> -Decrease the setting temperature -Remove any obstacles -Provide repairment
The air conditioner switches are off constantly	<ul style="list-style-type: none"> -Malfunction 	<ul style="list-style-type: none"> -Turn off the appliance remove the plug and contact the service center
The air conditioner works but it does not cool the room	<ul style="list-style-type: none"> -There is a window opened -There is a source of heat operating in the room (burner, lamp, etc.), or the room is crowded -The air filter is clogged -The capacity of the air conditioner is not suitable for the conditions or size of the room -The evaporator is frozen 	<ul style="list-style-type: none"> -Close the window -Remove/switch off the source of heat -Decrease the set temperature -Clean the filter -Clean the air filter -Change the purifier filter, if necessary -Do not make the appliance operating at too low temperature (below 22°C)
The appliance is very noisy and vibrates violently	<ul style="list-style-type: none"> -The compressor blocking device has been loosened or the copper pipe is getting in touch with the body of the set 	<ul style="list-style-type: none"> -Provide repairment

TECHNICAL SPECIFICATIONS

AIR CONDITIONER

ITEM	UNIT	AP075M		
OUTER DIMENSION	mm	520W*750H*360D		
REFERENTIAL USING AREA	m ²	12 14		
RATED VOLTAGE	V/Hz	115 / 60		
COOLING CAPACITY	B.T.U.	7500		
DEHUMIDIFYING CAPACITY	L/H	1.25		
RUNNING CURRENT	A	8.7		
POWER CONSUMPTION	W	950		
INDOOR AIR VOLUME	m ³ /hr	250		
COMPRESSOR	MODEL	2R12S3R126AUB	K1NC104ABBBBD	
	INPUT POWER	W	740	710
	RUNNING CAPACITOR	uF/V	35/250	55/250
	PROTECTOR		MRA98503/MRA98706 /MRA98706-9090	T0262/46
	LOCKED ROTOR AMPS	A	6.9	6.23
	MODEL		LS-40T2-4P	
MOTOR	OUTPUT POWER	W	40	
	RUNNING CAPACITOR	uF/V	8/250	
EVAPORATOR		2R11S17FPI		
CONDENSER		2R9S19FPI+3R9S17FPI		
REFRIGERANT	R22/g	440	400	
WEIGHT	Kg	32		
REMARK				

REFRIGER SYSTEM DIAGRAM



SCHEMATIC WIRING DIAGRAM

