

SPECIAL TOOLS AND EQUIPMENT

Tool	SST No.	Use
Ohmmeter		To diagnosis electrical system
Voltage meter		To diagnosis electrical system
Air conditioning service tool set	07110-58011	To evacuate and charge system
Magnetic clutch remover	07112-66040	To remove pressure plate
Magnetic clutch stopper	07112-76060	To remove and install pressure plate
Snap ring pliers	07114-84020	To remove pressure plate

SSM (SPECIAL SERVICE MATERIALS)

Part Name	Part No.	Use etc.
ND OIL6, SUNISO No.5GS or equivalent	07117-68040	Compressor

TROUBLESHOOTING

Problem	Possible cause	Remedy	Page
No cooling or warm air	Magnetic clutch does not engage		
	(a) A/C fuse blown	Replace fuse and check for short	AC-6 AC-17
	(b) Magnetic clutch faulty	Check magnetic clutch	AC-29
	(c) A/C switch faulty	Check switch	AC-31
	(d) A/C amplifier faulty	Check amplifier	AC-6
	(e) Wiring or ground faulty	Repair as necessary	AC-16
	(f) Refrigerant empty	Check refrigerant volume	AC-37
	(g) Heater relay faulty	Check heater relay	AC-29
	(h) Pressure switch faulty	Check pressure switch	
	Compressor does not rotate properly		
	(a) Drive belt loose or broken	Adjust or replace drive belt	AC-15
	(b) Compressor faulty	Check compressor	AC-17
	Expansion valve faulty	Check expansion valve	AC-25
	Leak in system	Test system for leaks	
	Fusible plug on receiver blown or clogged screen	Check receiver	AC-23
Blower does not operate			
(a) HEATER fuse blown	Replace fuse and check for short	AC-6 AC-29	
(b) A/C switch faulty	Check switch	AC-37	
(c) Heater relay faulty	Check heater relay	AC-37	
(d) Blower motor faulty	Check blower motor	AC-6	
(e) Wiring or ground faulty	Repair as necessary		
Cool air comes out intermittently	Magnetic clutch slipping	Check magnetic clutch	AC-17
	Expansion valve faulty	Check expansion valve	AC-25
	Wiring connection faulty	Repair as necessary	AC-6
	Excessive moisture in system	Evacuate and charge system	
	A/C amplifier faulty	Check amplifier	AC-31