

SPECIAL TOOLS AND EQUIPMENT

Tool	SST No.	Use
Ohmmeter	–	To diagnosis electrical system
Voltage meter	–	To diagnosis electrical system
Air conditioner service tool set	07110–58011	To evacuate and charge system
Hexagon wrench set	07110–61050	To remove and install service valve and front housing
Magnetic clutch remover	07112–66040	To remove pressure plate
Magnetic clutch stopper	07112–76060	To remove and install pressure plate
Snap ring pliers (External Type)	07114–84020	To remove and install rotor and stator

SSM (SPECIAL SERVICE MATERIALS)

Part Name	Part No.	Use etc.
DENSO OIL 6, SUNISO No. 5 GS or equivalent	07117–68040	Compressor

TROUBLESHOOTING

Problem	Possible cause	Remedy	Page
No cooling	Blower does not operate (a) GAUGE fuse blown (b) FL blown (c) Circuit breaker faulty (d) HEATER relay faulty (e) HEATER fuse blown (f) Blower motor faulty (g) Blower resistor faulty (h) Blower switch faulty (i) Wiring or ground faulty	Replace fuse and check for short Replace FL and check for short Check circuit breaker Check relay Replace fuse and check for short Check blower motor Check blower resistor Check blower switch Repair as necessary	AC-4 AC-4 AC-4 BE-36 AC-4 BE-37 BE-37 BE-36 AC-4
	Magnetic clutch does not engage (a) FL (30A CDS) blown (b) Magnetic clutch relay faulty (c) Magnetic clutch faulty (d) A/C fuse faulty (e) A/C switch faulty (f) Thermistor faulty (g) A/C amplifier faulty (h) Pressure switch faulty (i) Wiring or ground faulty (j) Refrigerant empty	Replace FL and check for short Check relay Check magnetic clutch Replace fuse and check for short Check switch Check thermistor Check amplifier Check switch Repair as necessary Check refrigerant pressure	AC-4 AC-4 AC-15 AC-4 AC-28 AC-27 AC-28 AC-27 AC-4 AC-9,14
	Compressor does not rotate properly (a) Drive belt loose or broken (b) Compressor faulty	Adjust or replace drive belt Replace compressor	AC-13 AC-15