

SYMPTOM RELATED DIAGNOSTIC

HVAC System (Auto A/C) (DIAGNOSTICS)

9. Symptom Related Diagnostic S001519

A: GENERAL DIAGNOSTICS TABLE S001519F45

Symptom	A/C system fails to operate when IG SW is turned "ON"	Burned-out fuse.	Previous mode immediately before resetting operation is not retained in memory.	No indication appears on display.	Illumination does not dim at night.	Blower motor does not rotate or rotates erroneously.	A/C does not change from "Fresh" to "Recirc" or vice versa.	Air vents cannot be switched.	Compartment temperature does not increase (No hot air is discharged).	Compartment temperature does not decrease (No cool air is discharged).	Compartment temperature is higher than or lower than the set value.	Compartment temperature does not quickly respond to the set value.	Condenser fan does not operate during A/C operation.
Component parts													
Fuses (M/B No. 5, F/B No. 17)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>							
Poor connector contacts	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>			
Ground	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>		<input type="radio"/>							
A/C control module	<input type="radio"/>		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
Air mix servo motor and potentiometer (including links)									<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Air vent select servo motor and potentiometer (including links)								<input type="radio"/>					
Fresh-Recirc select servo motor and potentiometer (including links)							<input type="radio"/>						
Blower fan motor						<input type="radio"/>							
Power transistor & fuse						<input type="radio"/>							
Blower fan relay						<input type="radio"/>							
A/C relay										<input type="radio"/>			
Magnet clutch										<input type="radio"/>			
Radiator fan motors (Main and sub)													<input type="radio"/>
Radiator fan relays (Main and sub)													<input type="radio"/>
Sensors (In-vehicle, ambient, water temperature, evaporator, sunload, etc.)									<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
In-vehicle sensor aspirator duct											<input type="radio"/>		

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MEMO: