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Service Category: Vehicle Interior	Section: Heating/Air Conditioning	
Model Year: 2008	Model: ES350	Doc ID: RM000001M2W00RX
Title: AIR CONDITIONING: AIR CONDITIONING SYSTEM: PROBLEM SYMPTOMS TABLE (2008 ES350)		

PROBLEM SYMPTOMS TABLE

AIR CONDITIONER:

SYMPTOM	SUSPECTED AREA	SEE PAGE
All functions of the A/C system do not operate	1. IG power source circuit	INFO
	2. Back-up power source circuit	INFO
	3. Heater control panel power source circuit	INFO
	4. LIN communication circuit	INFO
	5. A/C control assembly	INFO
	6. A/C amplifier	INFO
Air Flow Control: No blower operation	1. Blower motor circuit	INFO
	2. Heater control panel power source circuit	INFO
	3. LIN communication circuit	INFO
	4. A/C control assembly	INFO
	5. A/C amplifier	INFO
Air Flow Control: No blower control	1. Blower motor circuit	INFO
	2. Heater control panel power source circuit	INFO
	3. LIN communication circuit	INFO
	4. A/C control assembly	INFO
	5. A/C amplifier	INFO
Air Flow Control: Insufficient air flow	1. Blower motor circuit	INFO
	2. A/C amplifier	INFO
	1. Refrigerant volume	INFO
	2. Refrigerant pressure	INFO
	3. Pressure sensor circuit	INFO
	4. Air conditioning compressor magnetic clutch circuit	INFO
	5. Compressor lock sensor circuit	INFO
	6. Compressor solenoid circuit	INFO

Temperature Control: No cool air comes out	7. Air mix control servo motor circuit (Driver side)	INFO	
	8. Air mix control servo motor circuit (Passenger side)	INFO	
	9. Evaporator temperature sensor circuit	INFO	
	10. Room temperature sensor circuit	INFO	
	11. Ambient temperature sensor circuit	INFO	
	12. Heater control panel power source circuit	INFO	
	13. LIN communication circuit	INFO	
	14. Expansion valve	INFO	
	15. A/C control assembly	INFO	
	16. A/C amplifier	INFO	
	17. ECM	INFO	
	Temperature Control: No warm air comes out	1. Air mix control servo motor circuit (Driver side)	INFO
		2. Air mix control servo motor circuit (Passenger side)	INFO
		3. Evaporator temperature sensor circuit	INFO
		4. Room temperature sensor circuit	INFO
		5. Ambient temperature sensor circuit	INFO
		6. A/C amplifier	INFO
Temperature Control: Output air is warmer or cooler than the set temperature or response is slow	1. Refrigerant volume	INFO	
	2. Refrigerant pressure	INFO	
	3. Solar sensor circuit (Driver side)	INFO	
	4. Solar sensor circuit (Passenger side)	INFO	
	5. Room temperature sensor circuit	INFO	
	6. Ambient temperature sensor circuit	INFO	
	7. Air mix control servo motor circuit (Driver side)	INFO	
	8. Air mix control servo motor circuit (Passenger side)	INFO	
	9. Radiator unit sub-assembly	INFO	
	10. Expansion valve	INFO	
	11. A/C amplifier	INFO	
	1. Air mix control servo motor circuit (Driver side)	INFO	
	2. Air mix control servo motor circuit	INFO	

Temperature Control: No temperature control (only Max. cool or Max. warm)	(Passenger side)	
	3. Room temperature sensor circuit	INFO
	4. Ambient temperature sensor circuit	INFO
	5. Evaporator temperature sensor circuit	INFO
	6. Solar sensor circuit (Driver side)	INFO
	7. Solar sensor circuit (Passenger side)	INFO
	8. A/C control assembly	INFO
	9. A/C amplifier	INFO
	No air inlet control	1. Air inlet control servo motor circuit
2. A/C amplifier		INFO
No air flow mode control	1. Air outlet control servo motor circuit	INFO
	2. A/C amplifier	INFO
Engine idle up does not occur, or is continuous	1. Air conditioning compressor magnetic clutch circuit	INFO
	2. Compressor lock sensor circuit	INFO
	3. Compressor solenoid circuit	INFO
	4. Heater control panel power source circuit	INFO
	5. LIN communication circuit	INFO
	6. A/C control assembly	INFO
	7. A/C amplifier	INFO
	8. ECM	INFO
Blinking of A/C indicator	1. Compressor solenoid circuit	INFO
	2. A/C amplifier	INFO
Diagnostic trouble codes are not recorded. Set mode is cleared when engine switch is turned off.	1. Back-up power source circuit	INFO
	2. A/C amplifier	INFO

