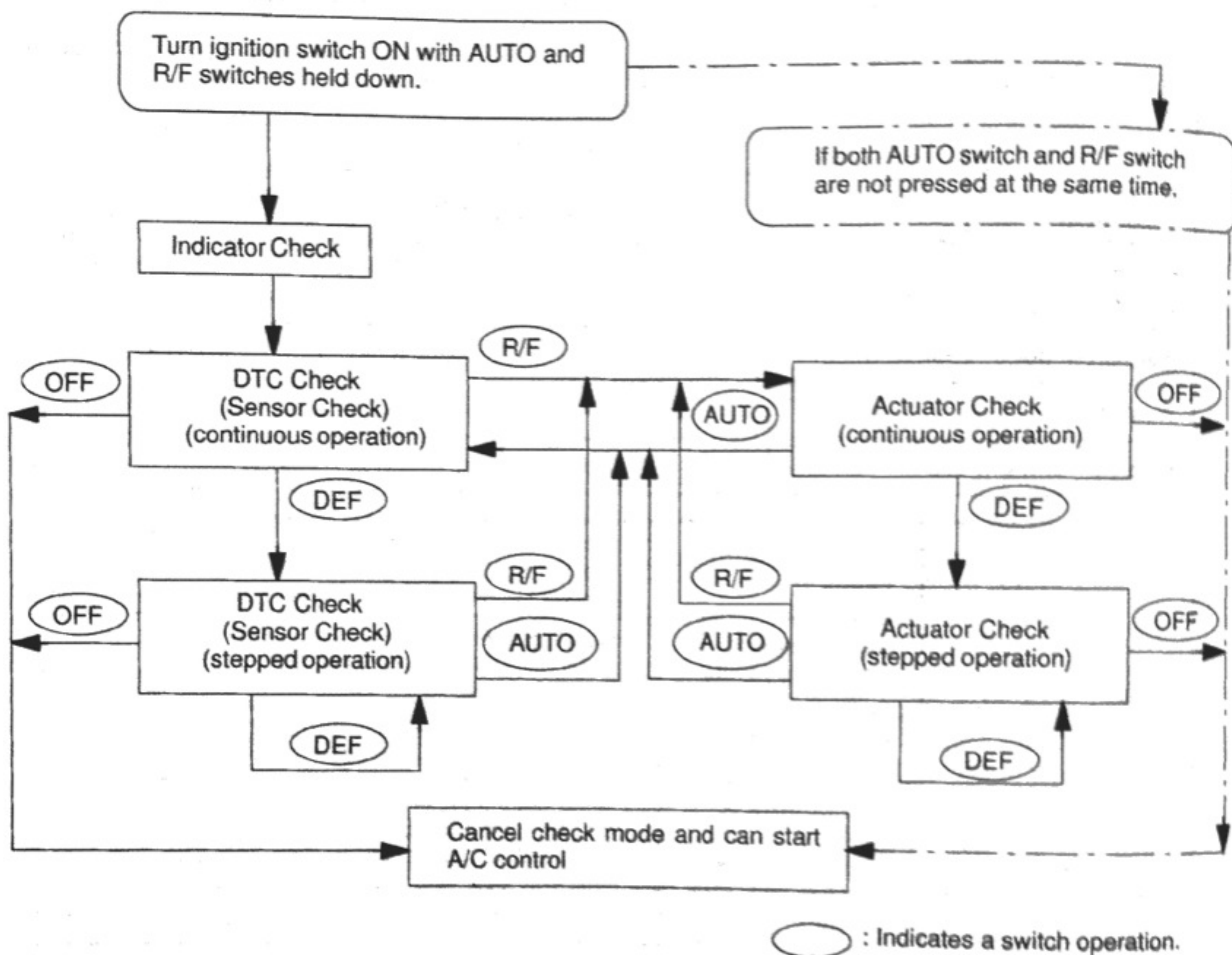
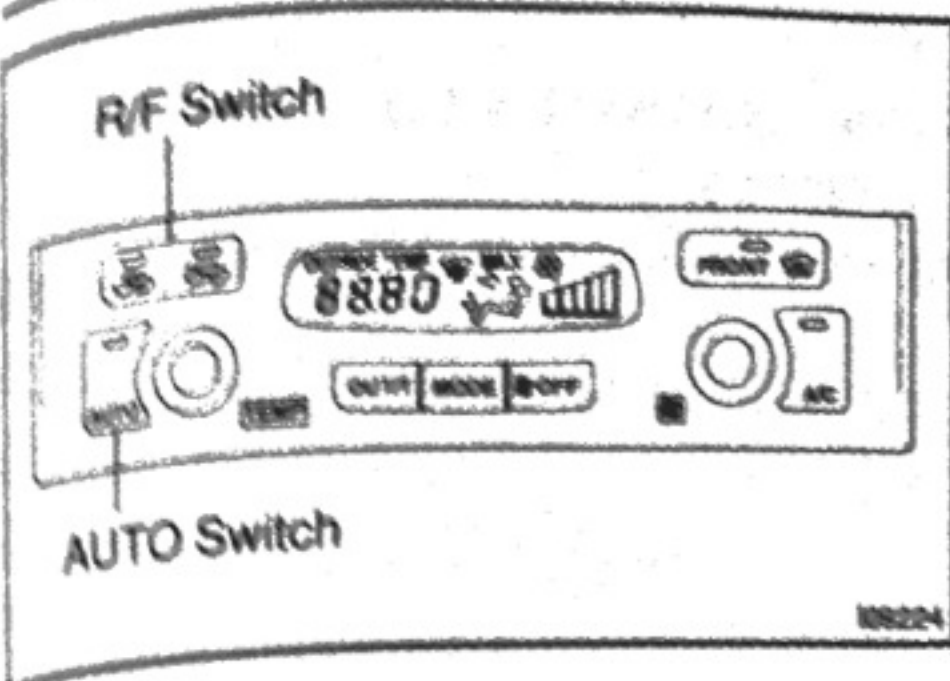


PRE-CHECK

1. LIST OF OPERATION METHODS

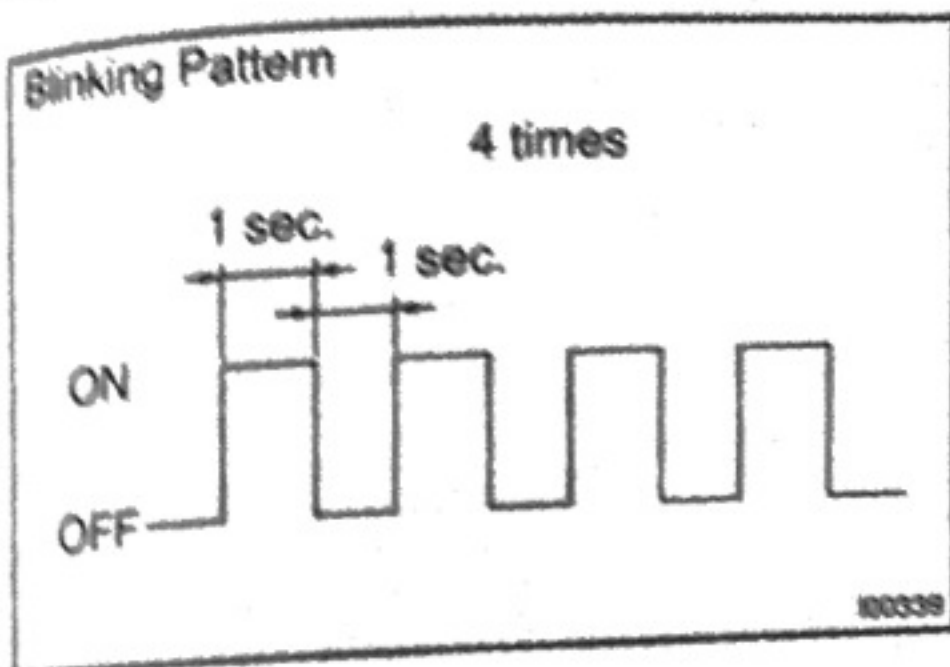
By operating each of the A/C control switches as shown in the diagram below, it is possible to enter the diagnosis check mode.





2. INDICATOR CHECK

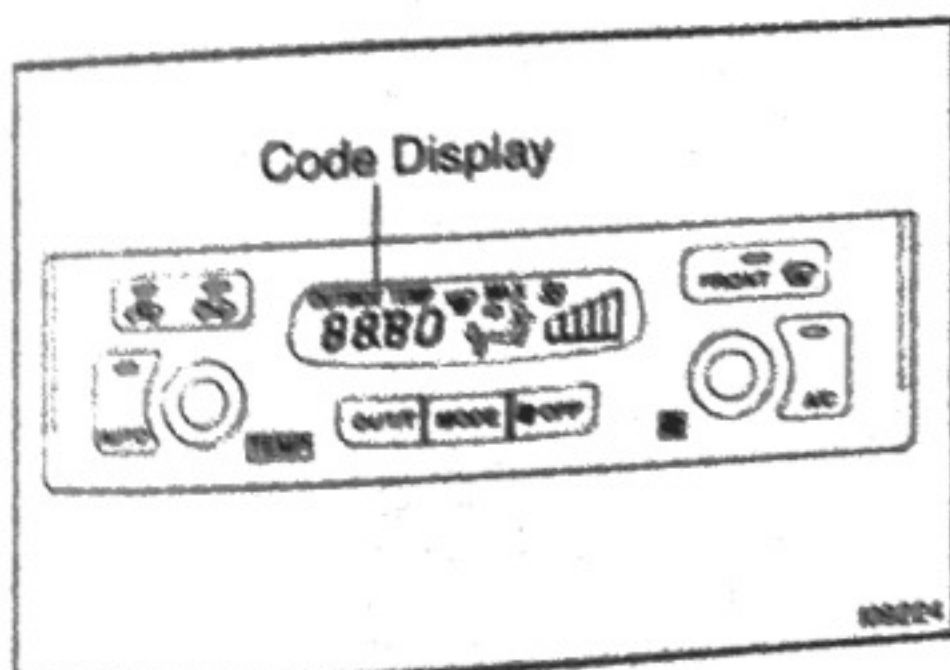
- (a) Turn the ignition switch to ON while pressing the air conditioning control AUTO switch and R/F switch simultaneously.



- (b) Check that all the indicators light up and go off at 1 second intervals 4 times in succession.

HINT:

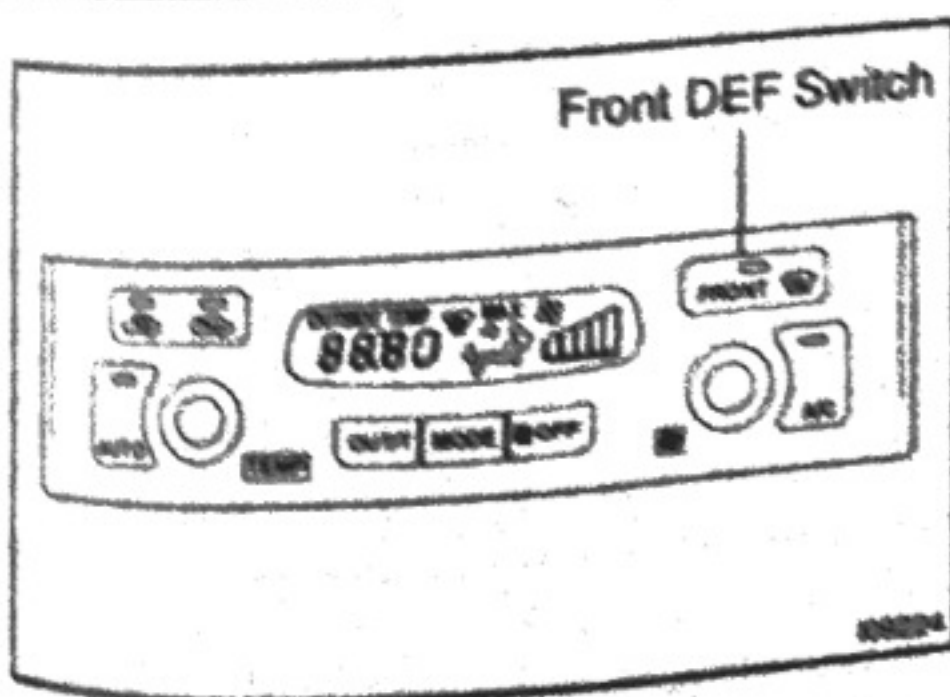
- After the indicator check is ended, the system enters the DTC begins automatically.
- Press the OFF switch when desiring to cancel the check mode.



3. DTC CHECK (SENSOR CHECK)

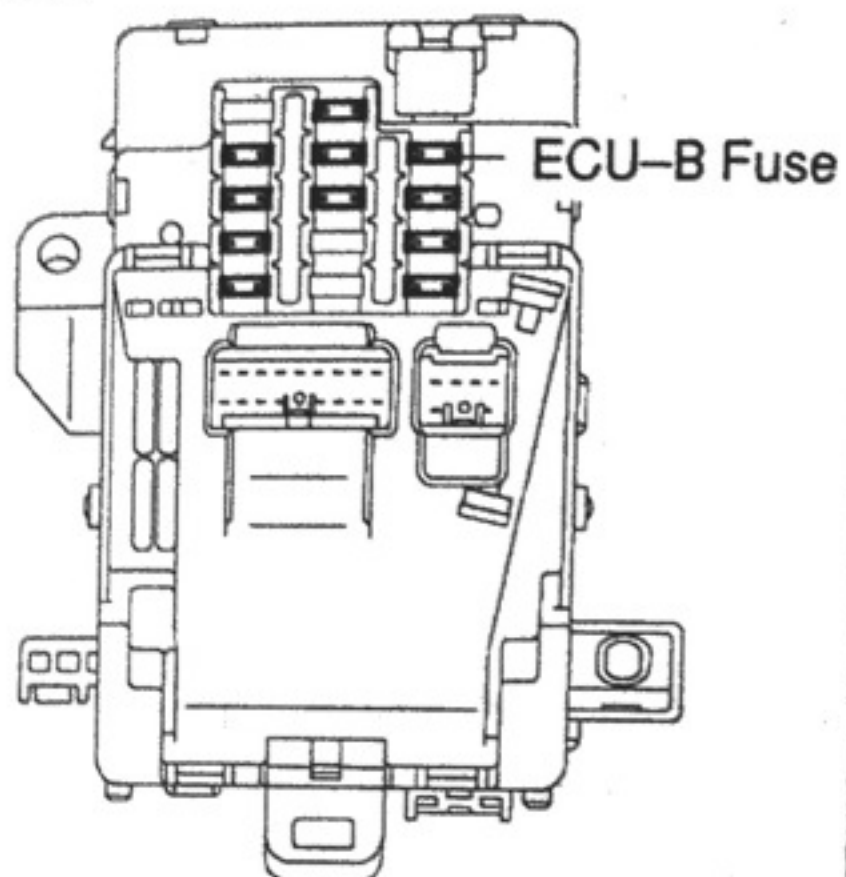
- (a) Perform an indicator check. After the indicator check is completed, the system enters the DTC check mode automatically.

- (b) Read the code displayed on the panel. Refer to the list of DTCs on page DI-710 when reading the DTCs. (DTCs are output at the temperature display).



- (c) If the slower display is desired, press the front DEF switch and change it to stepped operation. Each time the front DEF switch is pressed, the display changes by 1 step.

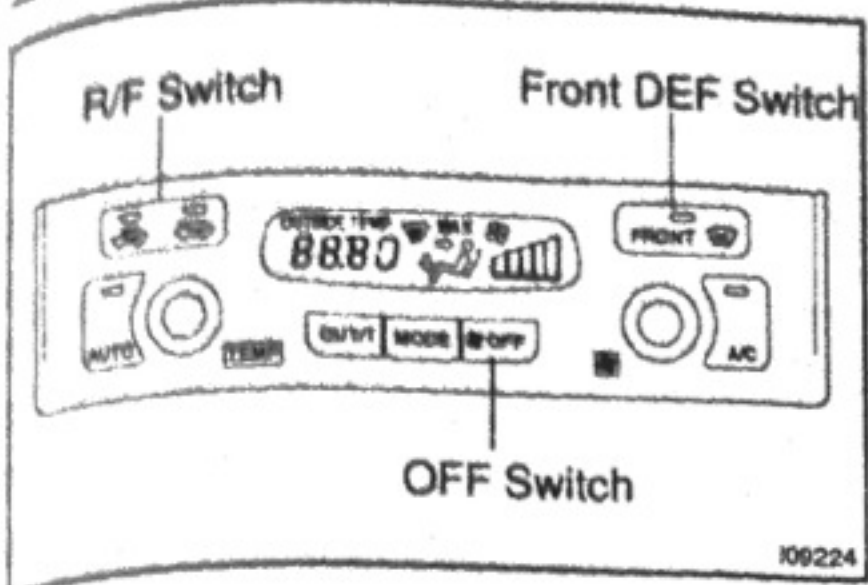
No. 1 J/B



109233

4. CLEARING DTC

- (a) Pull out the ECU-B fuse in No. 1 J/B for 10 sec., or longer to clear the DTC memory.
- (b) After reinserting the fuse, check that the normal code is output.



5. ACTUATOR CHECK

- After entering the DTC check mode (Sensor Check Mode) press the R/F switch.
- Since each damper, motor and relay automatically operates at 1 second intervals beginning in order from 10 in the temperature display, check the temperature and air flow visually and by hand.
If a slower display is desired, press the FRONT DEF switch and change it to a stepped operation. Each time the FRONT DEF switch is pressed, the display changes by 1 step.

HINT:

- Code are displayed in order from the smaller to the larger numbers.
- To cancel the check mode, press the Off switch.

Step No.	Display code	Conditions				
		Blower motor	Air flow vent	Air inlet damper	Magnetic clutch	Air mix damper
1	0	OFF	FACE	FRESH	OFF	Cool side (0 % open)
2	1	1	FACE	FRESH	OFF	Cool side (0 % open)
3	2	16	FACE	FRESH	ON	Cool side (0 % open)
4	3	16	FACE	FRS/REC	ON	Cool side (0 % open)
5	4	16	FACE	RECIRC	ON	Cool / Hot (50 % open)
6	5	16	BI-LEVEL	RECIRC	ON	Cool / Hot (50 % open)
7	6	16	FOOT	RECIRC	ON	Hot side (100 % open)
8	7	16	FOOT	RECIRC	ON	Hot side (100 % open)
9	8	16	FOOT/DEF	RECIRC	ON	Hot side (100 % open)
10	9	31	DEF	RECIRC	ON	Hot side (100 % open)

DIAGNOSTIC TROUBLE CODE CHART

If malfunction code is displayed during the DTC check (sensor check), check the circuit listed for that code in the table below (Proceed to the page given for that circuit).

DTC No. (See Page)	Detection Item	Trouble Area	Memory
00	Normal	-	-
11*1 (DI-716)	Room temperature sensor circuit	• Room temp. Sensor • A/C control assembly • Harness or connector between room temp. sensor and A/C control assembly	○ (8.5 min. or more)
12*2 (DI-719)	Ambient temperature sensor circuit	• Ambient temp. Sensor • Harness or connector between ambient temp. sensor and A/C control assembly • A/C control assembly	○ (8.5 min. or more)
13 (DI-722)	Evaporator temperature sensor circuit	• Evaporator temp. Sensor • Harness or connector between evaporator temp. sensor and A/C control assembly • A/C control assembly	○ (8.5 min. or more)
14 (DI-725)	Engine coolant temperature sensor circuit	• Engine coolant temp. sensor • Harness or connector between engine coolant temp. sensor and A/C control assembly • A/C control assembly	-
21*3 (DI-728)	Solar sensor circuit (short)	• Solar sensor • Harness or connector between solar sensor and A/C control assembly	○ (8.5 min. or more)
	Solar sensor circuit (open)	• A/C control assembly	-
23 (DI-731)	Pressure switch circuit	• Pressure switch • Harness or connector between pressure switch and A/C control assembly • Refrigerant pipe line • A/C control assembly	-
31 (DI-734)	Air mix damper position sensor circuit	• Air mix damper position sensor • A/C control assembly • Harness or connector between air mix damper position sensor and A/C control assembly	○ (1 min. or more)
32 (DI-737)	Air inlet damper position sensor circuit	• Air inlet damper position sensor • A/C control assembly • Harness or connector between air inlet damper position sensor and A/C control assembly	○ (1 min. or more)
41 (DI-734, DI-740)	Air mix control servomotor	• Air mix control servomotor • Air mix damper position sensor • Harness or connector between air mix damper servomotor and A/C control assembly • A/C control assembly	○ (15 sec.)
42 (DI-737, DI-744)	Air inlet control servomotor	• Air inlet control servomotor • Air inlet damper position sensor • Harness or connector between air inlet damper servomotor and A/C control assembly • A/C control assembly	○ (15 sec.)