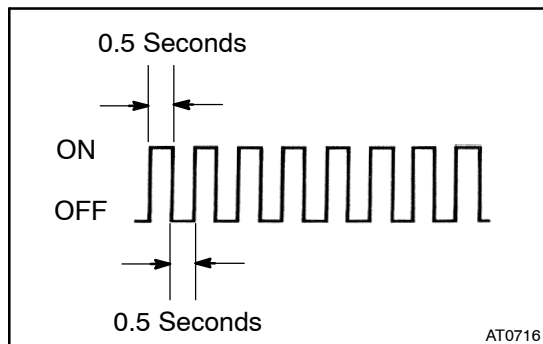




PRE-CHECK

1. WARNING FOR A/C COMPRESSOR LOCK

If compressor lock occurs during A/C operation, the A/C switch indicator on the A/C control assembly starts blinking.

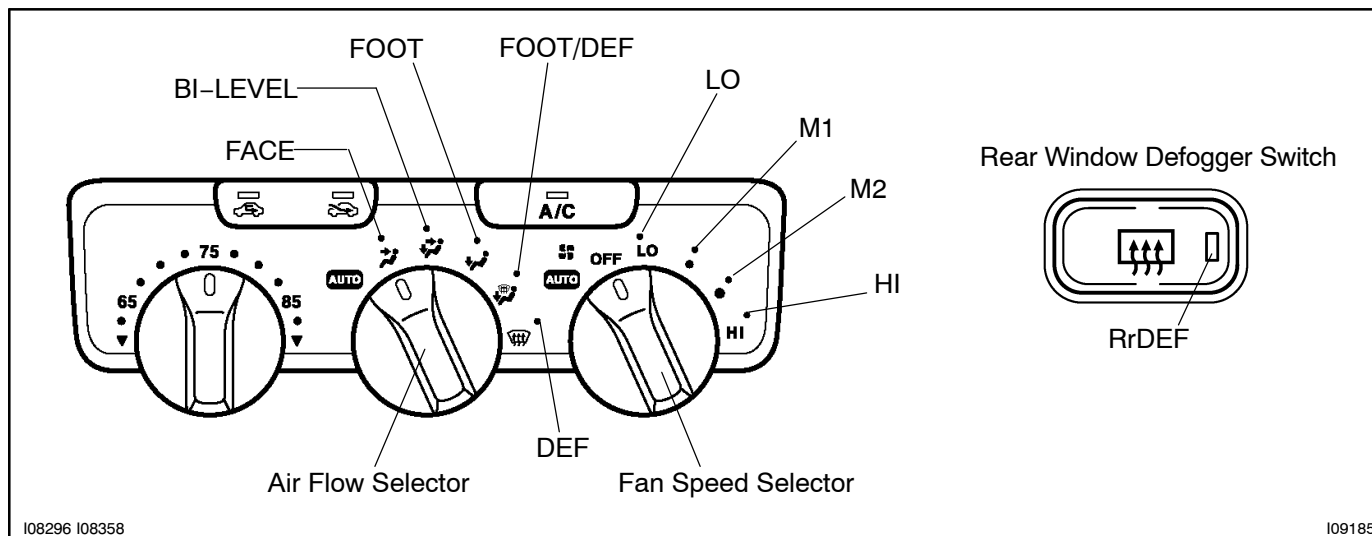
- When this occurs, check for compressor lock (DTC 22) using diagnosis trouble code check then proceed to inspect the circuit or the component.
- Compressor lock sensor circuit. → (See page [DI-932](#))

2. PANEL DIAGNOSIS SYSTEM

(a) w/o Navigation system:

If a trouble occurs in A/C system, the specified lamp on the control panel starts blinking the diagnostic sensor check.

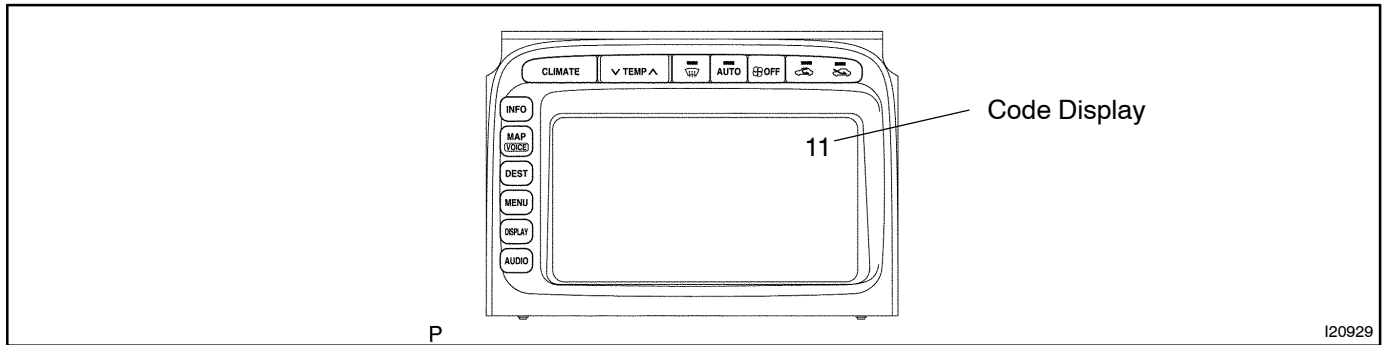
- During system diagnosis, a trouble is indicated on the panel by the blinking of a specified light instead of a code display (See TROUBLE CODE CHART).
- For example, when a trouble occurs in solar sensor circuit, the RrDEF switch indicator and DEF mode switch indicator will be blinking during the diagnostic sensor check.



No.	Indicator name	Symbol
1	Rear window defogger switch indicator light	RrDEF
2	Air flow selector: FACE	FACE
3	Air flow selector: BI-LEVEL	B/L
4	Air flow selector: FOOT	FOOT
5	Air flow selector: FOOT and DEFROSTER	F/D
6	Air flow selector: DEFROSTER	DEF
7	Fan Speed Selector: LO	M1
8	Fan Speed Selector: M1	M2
9	Fan Speed Selector: M2	LO
10	Fan Speed Selector: HI	HI

(b) w/ Navigation system:

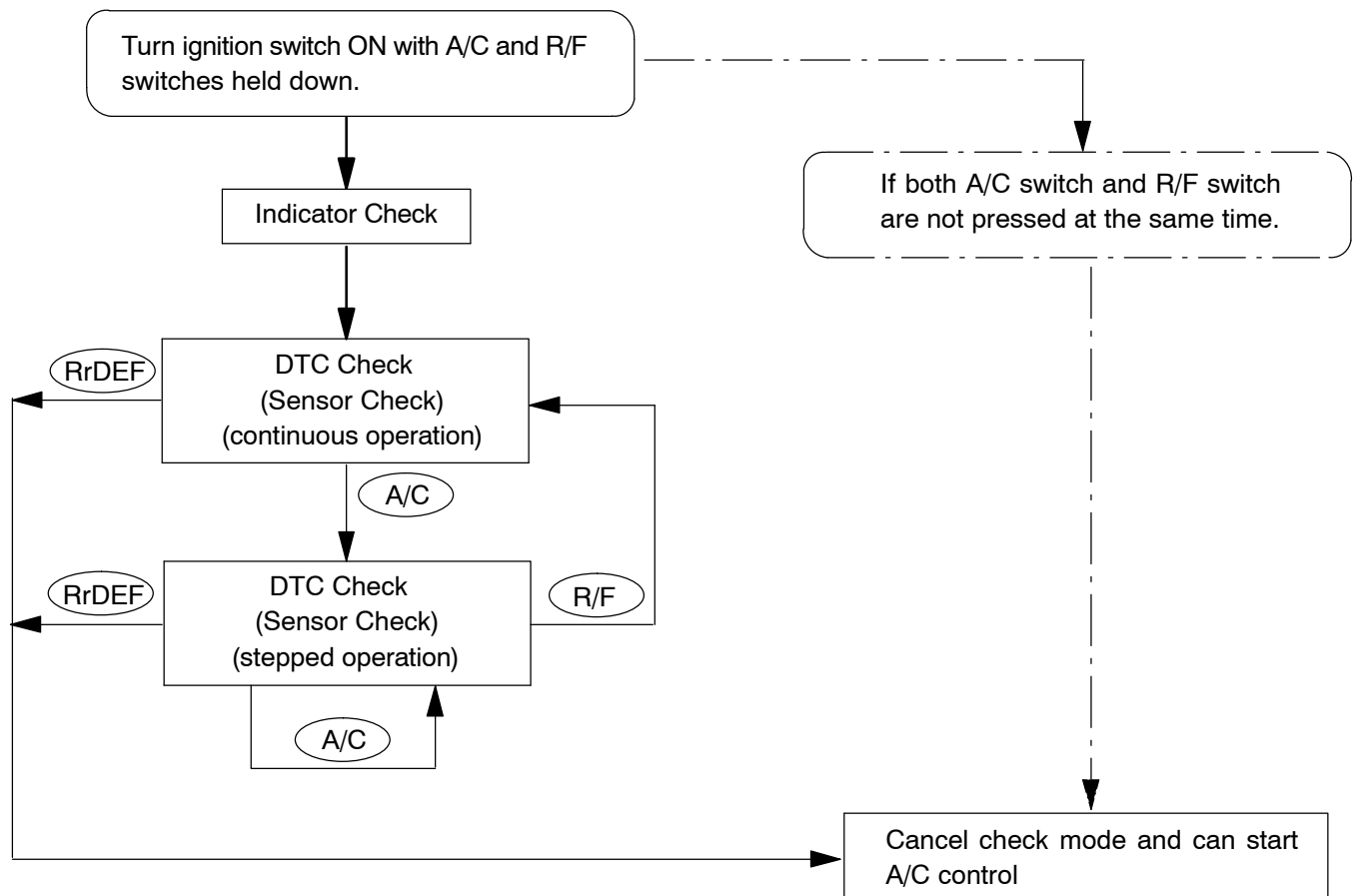
If a trouble occurs in A/C system, trouble code displayed on the multi-display during the diagnostic sensor check.



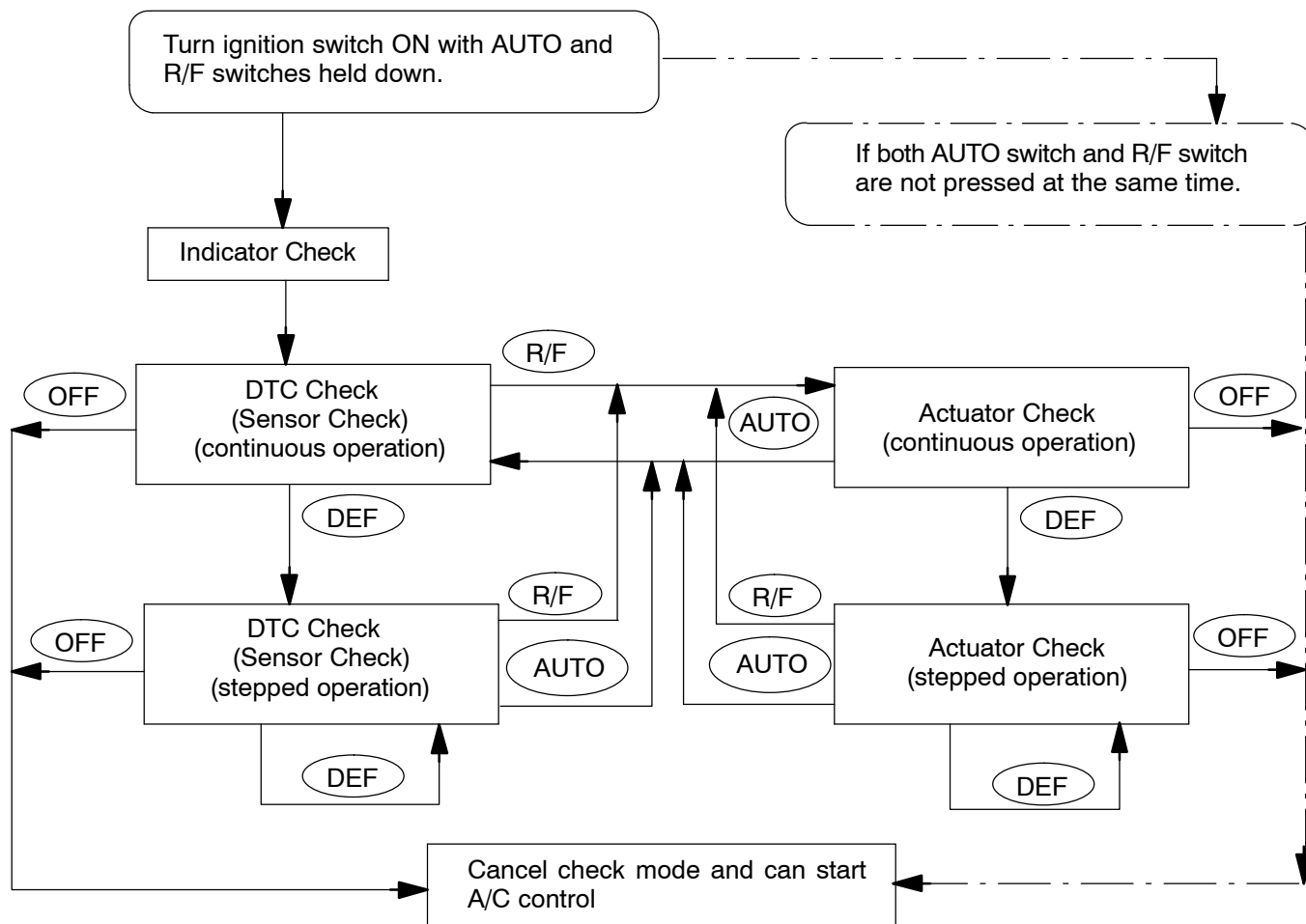
3. LIST OF OPERATION METHODS

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

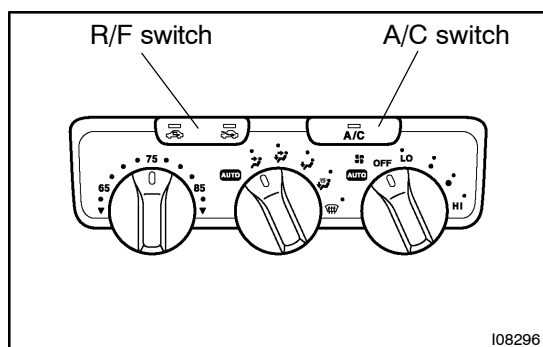
w/o Navigation system



w/ Navigation system



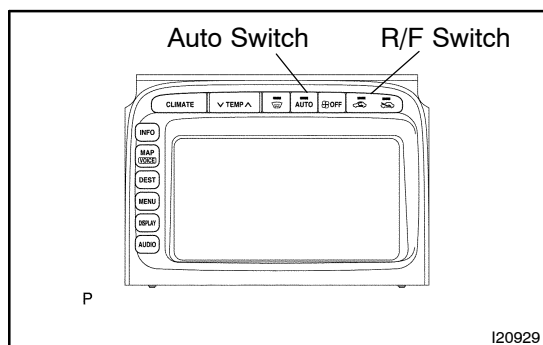
○ : Indicates a switch operation.



4. INDICATOR CHECK

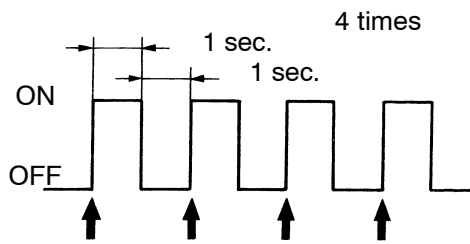
(a) w/o Navigation system:

Turn the ignition switch on while pressing the A/C switch and R/F switch simultaneously.



(b) w/ Navigation system:

Turn the ignition switch to on while pressing the A/C control AUTO switch and R/F switch simultaneously.

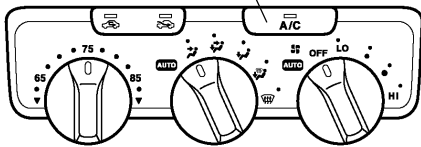
Blinking Pattern

AC2163

- (c) 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 diagnostic trouble code check begins automatically.
- Press the OFF switch when desiring to cancel the check mode.

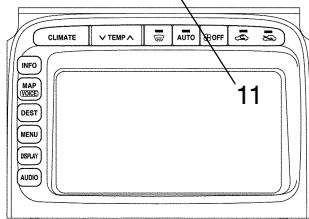
A/C SW

108296

**5. w/o Navigation system:
DIAGNOSTIC SENSOR CHECK**

- (a) Perform an indicator check. After the indicator check is completed, the system enters the diagnostic sensor check mode automatically.
- (b) Check the LED blinking on the panel. Refer to the list of codes on page [DI-898](#) when translating the trouble code from the LED blinking.

If the slower display is desired, press the A/C switch and change it to step operation. Each time the A/C switch is pressed, the blinking LED changes by 1 step.

Trouble Code Display

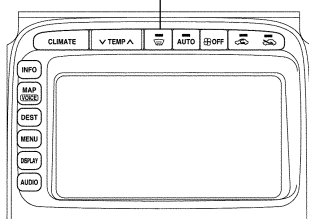
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**6. w/ Navigation system
DTC CHECK (SENSOR CHECK)**

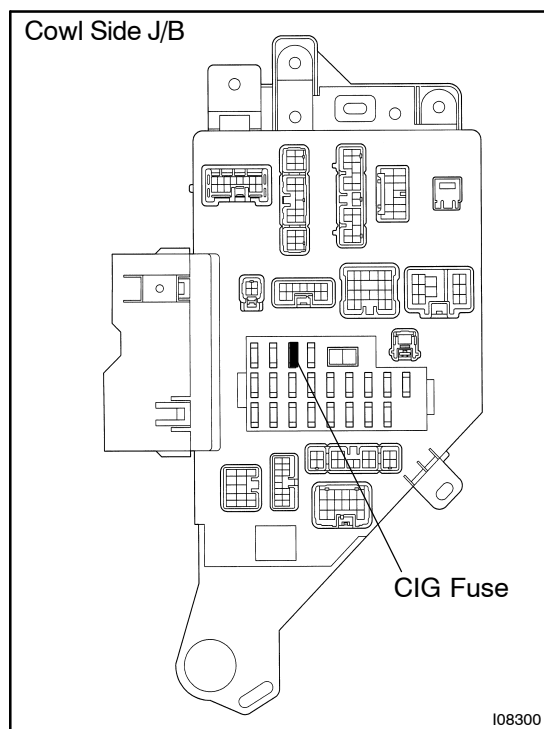
- (a) Perform an indicator check. After the indicator check is completed, the system enters the DTC check mode automatically.
- (b) Read the DTC displayed on the panel. Refer to the list of DTCs on page [DI-898](#) when reading the DTCs (DTCs are out put at the temperature display.).

If the slower display is desired, press the DEF switch and change it to step operation. Each time the DEF switch is pressed, the display changes by 1 step.

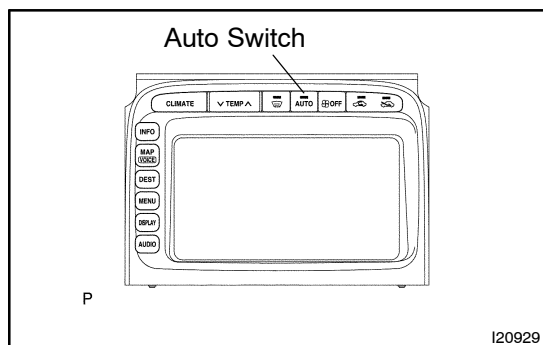
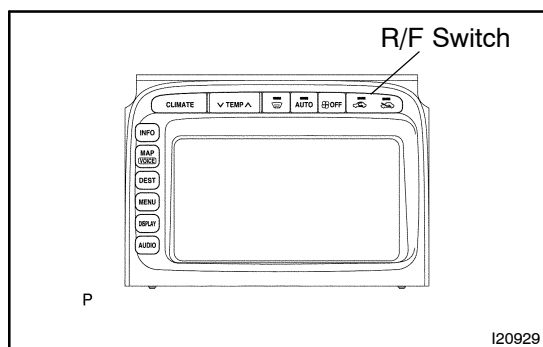
DEF Switch

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**7. CLEARING DTC**

- (a) Pull out the CIG fuse in Cowl Side J/B for 10 sec. or longer to clear the trouble code's memory.
- (b) After reinserting the fuse, check that the normal code is output.



8. w/ Navigation system only: ACTUATOR CHECK

- After entering the sensor check mode, press the R/F switch.
- Since each damper, motor and relay automatically operates at 1 second intervals beginning in order from 20 in the temperature display, check the temperature and air flow visually and by hand.

If a slower display is desired, press the AUTO switch and change it to step operation. Each time the AUTO switch is pressed, the display changes by 1 step.

HINT:

- The buzzer sounds when the display trouble code changes.
- 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	LO	↑	↑	↑	↑
3	2	MED	↑	R/F (50% open)	ON	↑
4	3	↑	BI-LEVEL	RECIRC	↑	Cool / Hot (50%)
5	4	↑	FOOT	FRESH	↑	Cool / Hot (50% open)
6	5	↑	↑	↑	↑	Hot side (100% open)
7	6	HI	FOOT/DEF	↑	↑	↑
8	7	↑	DEF	↑	↑	↑