

PRE-CHECK

1. WARNING FOR A/C COMPRESSOR LOCK

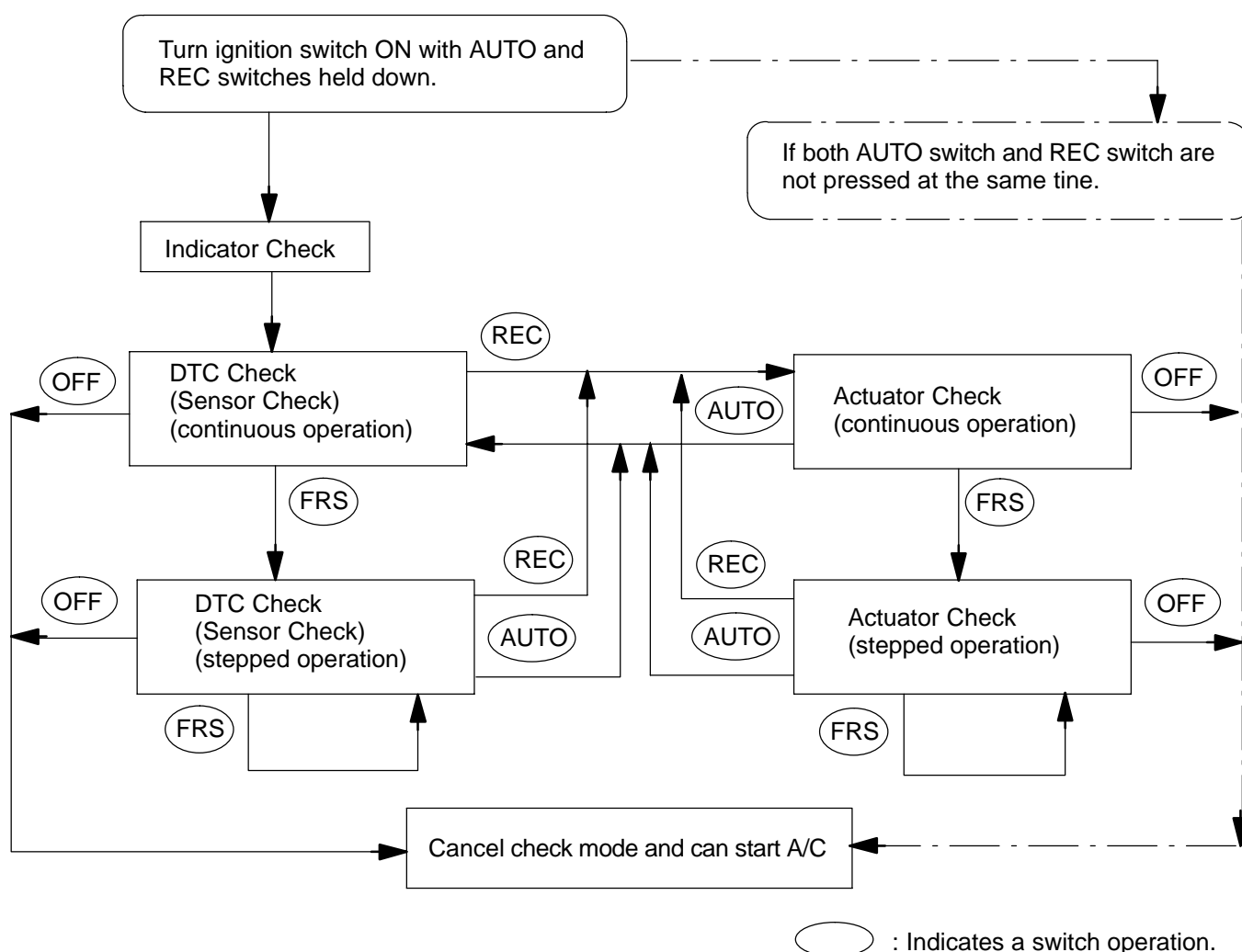
If compressor lock occurs during air conditioning operation, the A/C switch indicator on the air conditioning control assembly starts blinking to warn the driver.

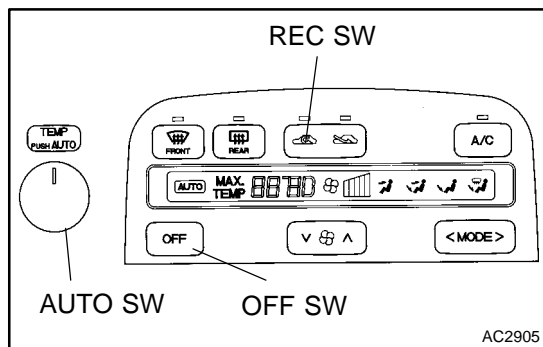
When this occurs, check for compressor lock (code 22) using diagnostic trouble code check then proceed to inspect the circuit or the component.

Compressor lock sensor circuit → page DI-838

2. LIST OF OPERATION METHODS

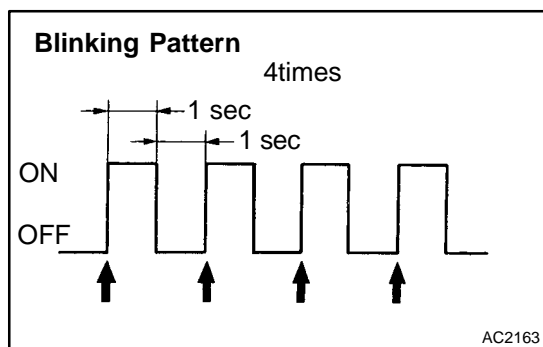
By operating each of the air conditioning control switches as shown in the diagram below, it is possible to enter the diagnosis check mode.





3. INDICATOR CHECK

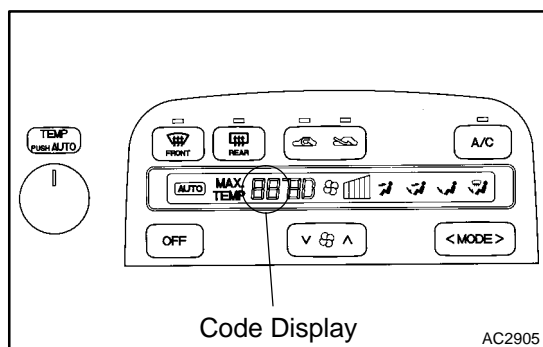
- (a) Turn the ignition switch ON while pressing the air conditioning control AUTO switch and REC switch simultaneously.



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

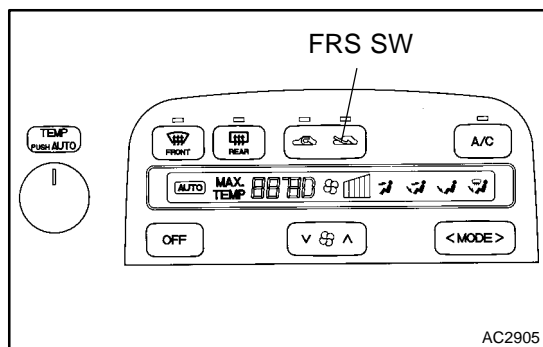
HINT:

- After the indicator check is ended, the diagnostic sensor trouble code check begins automatically.
- Press the OFF switch when desiring to cancel the check mode.

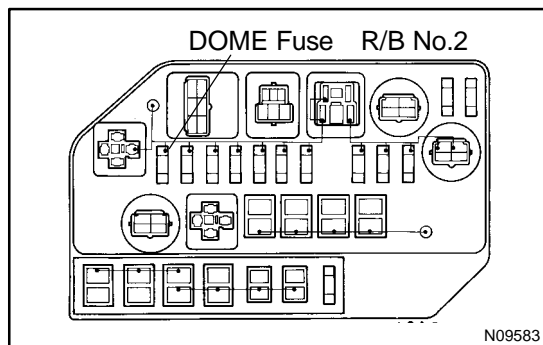


4. DTC CHECK (SENSOR CHECK)

- (a) Perform an indicator check. After the indicator check is completed, the system enters the diagnostic trouble code check mode automatically.
- (b) Read the code displayed on the panel. Refer to the list of codes on page DI-816 when reading the codes. (Codes are output at the temperature display.)

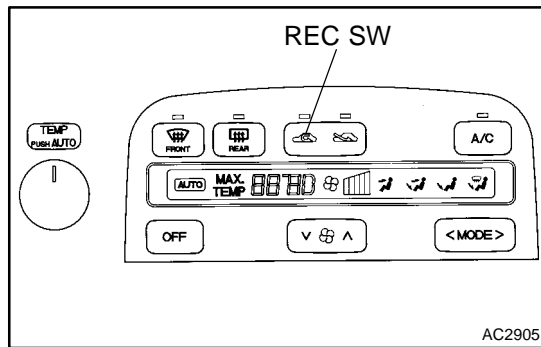


If the slower display is desired, press the FRS switch and change it to stepped operation. Each time the FRS switch is pressed, the display changes by 1 step.



5. CLEARING DIAGNOSTIC TROUBLE CODES

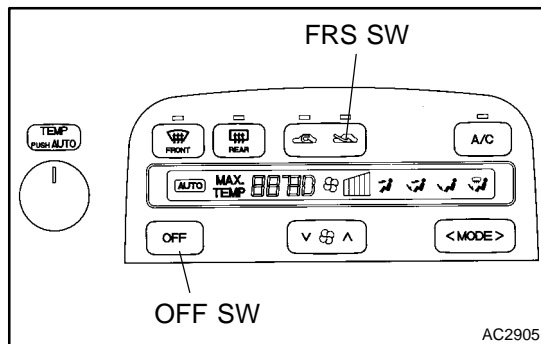
- (a) Pull out the DOME fuse in Relay Block No.2 for 10 sec. or longer to clear the diagnostic trouble codes' memory.
- (b) After reinserting the fuse, check that the normal code is output.



6. ACTUATOR CHECK

- After entering the DTC check mode sensor check mode, press the REC switch.
- Since each damper, motor and relay automatically operates at 1 second display, check the temperature and air low visually and by hand.

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



HINT:

- Codes 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					
		Water valve VSV	Blower motor	Air flow vent	Air inlet damper	Magnetic clutch	Air mix damper
1	0	OFF	OFF	FACE	FRESH	OFF	Cool side (0% open)
2	1	↑	1	↑	F/R	↑	↑
3	2	↑	2	↑	RECIRC	ON	↑
4	3	ON	3	BI-LEVEL	FRESH	↑	Cool/Hot (50% open)
5	4	↑	↑	FOOT	↑	↑	↑
6	5	↑	4	↑	↑	↑	Hot side (100% open)
7	6	↑	↑	F/D	↑	↑	↑
8	7	↑	5	DEF	↑	↑	↑