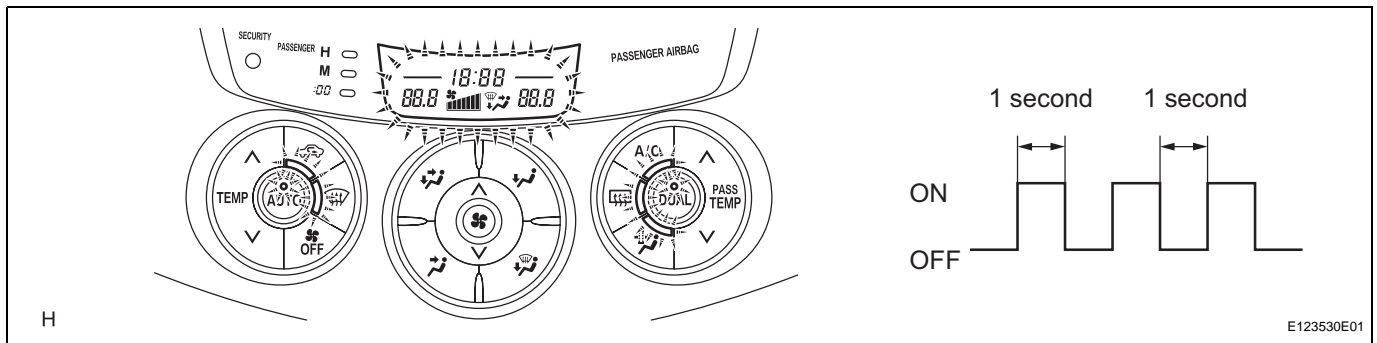
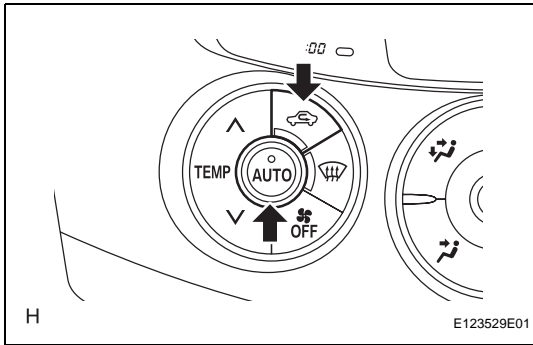


## CHECK MODE PROCEDURE

### 1. PANEL DIAGNOSIS (INDICATOR CHECK)

- Turn the ignition switch to LOCK.
- Turn the ignition switch ON while simultaneously pressing the A/C control AUTO switch and the REC/FRS switch.
- Check that all indicators and the display area are turned on and off 4 times in succession at 1 second intervals.



#### HINT:

After the indicator check is completed, the system automatically enters sensor check mode.

- Press the OFF switch to terminate the panel diagnosis.

### 2. PANEL DIAGNOSIS (SENSOR CHECK)

- Perform the indicator check.

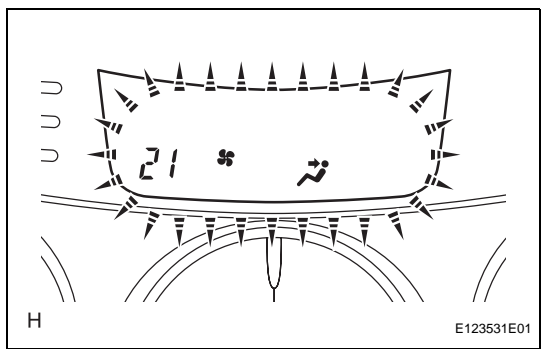
#### HINT:

After the indicator check is completed, the system automatically enters sensor check mode.

- Press the REC/FRS switch to enter actuator check mode.
- After the actuator check is completed, press the AUTO switch to enter sensor check mode.

#### NOTICE:

The sensor check must be performed again after the actuator check is completed because sensor check mode, which starts automatically after the indicator check, cannot fully detect malfunctions.



- (d) Check the sensor check results displayed on the set temperature display.

Results	Code Display
Present malfunction	Blinks
Past malfunction	Blinks

HINT:

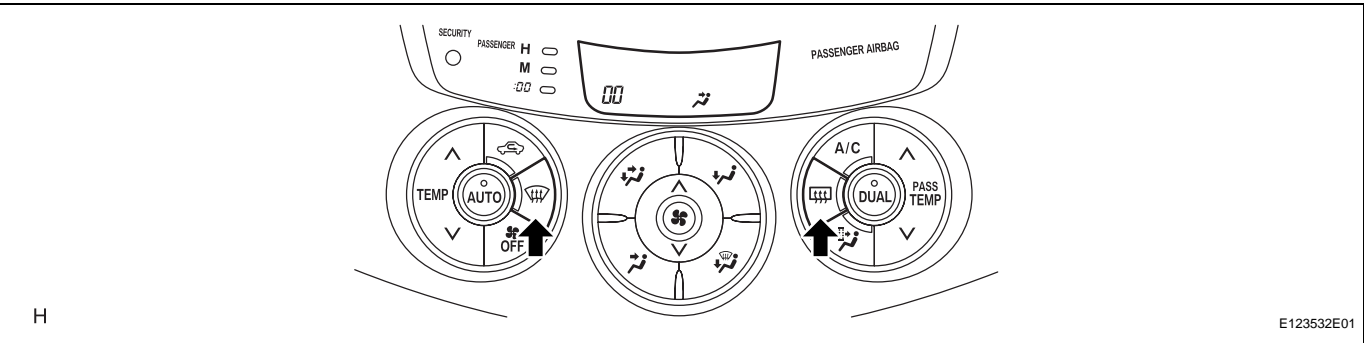
- The illustration shows the display when code 21 is output.
  - When 2 or more sensor check codes are detected, the codes are displayed in ascending numerical order.
  - In cases with 2 or more codes, if they are difficult to read, press the DEF switch to activate the step operation and display them one by one.
  - The codes are displayed in ascending numerical order as the DEF switch is pressed.
- (e) When any sensor check codes are displayed, refer to the DTC chart (see page AC-39).
- (f) Press the OFF switch to terminate the panel diagnosis.

HINT:

Pressing the REC/FRS switch returns the system to actuator check mode.

3. PANEL DIAGNOSIS (CLEAR SENSOR CHECK CODE)

- (a) Inspect, and repair or replace the malfunctioning parts.
- (b) Clear the sensor check codes.

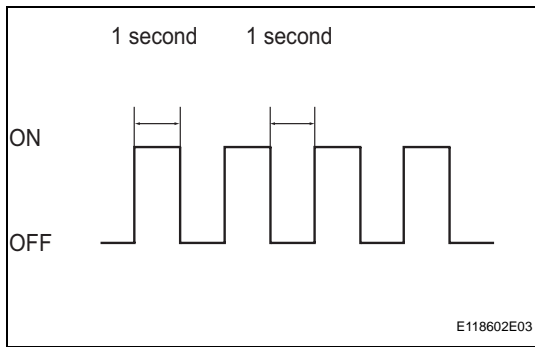


- (1) While pressing the DEF switch during sensor check mode, press the Rr DEF switch.

HINT:

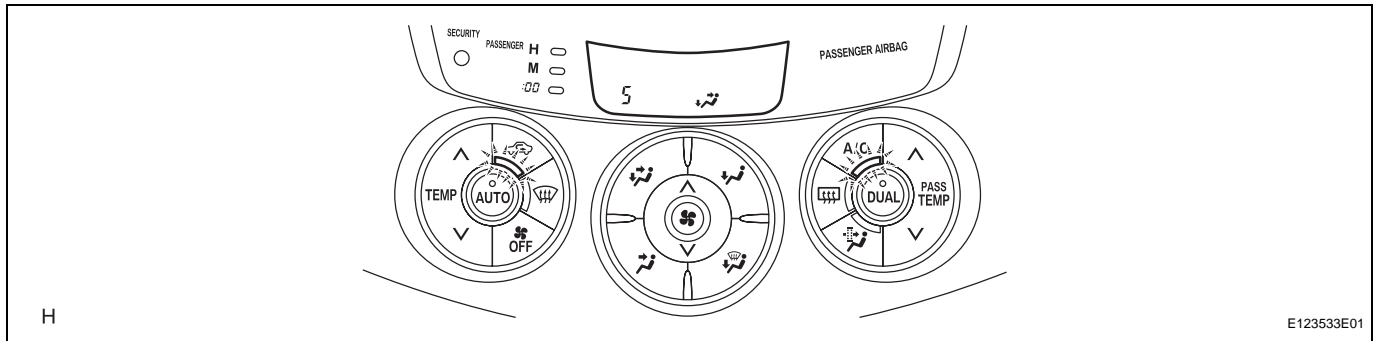
Sensor check codes can be cleared by removing the ECU-B2 fuse from the engine room No. 2 relay block for more than 60 seconds.

- (c) Perform the sensor check and confirm that normal code 00 is displayed.



#### 4. PANEL DIAGNOSIS (ACTUATOR CHECK)

- Start the engine and warm it up.
- Perform the indicator check.
- When the sensor check is started after the indicator check, press the REC/FRS switch to start the actuator check.  
HINT:  
Perform the actuator check with the engine running.
- Check the temperature and blower levels by hand at each step while the actuator check proceeds from step 0 to 9 at 1 second intervals (continuous operation).



#### HINT:

Each step number is displayed on the set temperature display.

- To display step numbers one by one manually, press the DEF switch to activate the step operation. The step number changes each time the DEF switch is pressed.

#### HINT:

- Each step number blinks at 1 second intervals during the step operation.
- The illustration shows the display when step number 5 is displayed.

- Press the OFF switch to terminate the panel diagnosis.

#### HINT:

Pressing the AUTO switch returns to sensor check mode.

Step No.	Blower Level	Air Mix Damper	Air Flow Vent	Air Inlet Damper	Cool Air By-pass	Compressor
0	0	0% (MAX COLD)	FACE	FRESH	-	OFF
1	1	0% (MAX COLD)	FACE	FRESH	-	OFF
2	17	0% (MAX COLD)	FACE	RECIRCULATION / FRESH	-	ON
3	17	0% (MAX COLD)	FACE	RECIRCULATION	-	ON
4	17	50%	BI-LEVEL	RECIRCULATION	-	ON
5	17	50%	BI-LEVEL	RECIRCULATION	-	ON
6	17	50%	FOOT	FRESH	-	ON
7	17	100% (MAX HOT)	FOOT	FRESH	-	ON