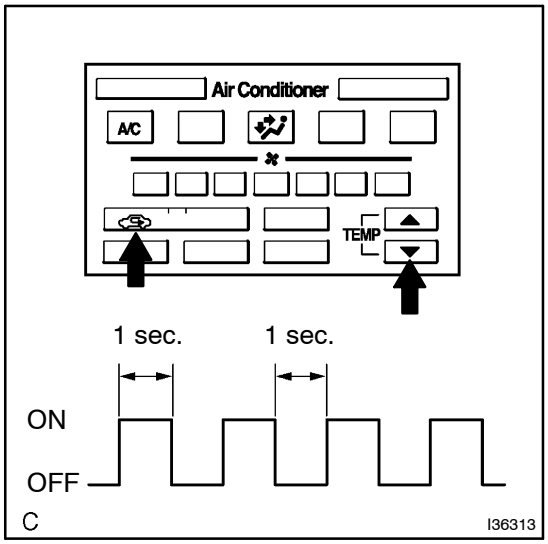
05ILT–01

ACTUATOR CHECK



1. ACTUATOR CHECK

(a) Start the engine to warm it up.

(b) Perform the indicator check.

(c) Push the R/F (Recirculation/Fresh) switch to perform the actuator check when the sensor check is started after the indicator check.

HINT:

Be sure to perform the actuator check with the power switch on (READY).

(d) As the actuator check (continuous) is repeated from steps 0 to 9 at 1 second intervals, check the temperature and airflow visually and by hand.

(e) If the steps are difficult to read because they change automatically, push the "Fr.DEF" switch to display the steps step by step so that they can be read easily. The items are displayed step by step each time the "Fr.DEF" switch is pushed.

HINT:

- The display blinks at 1 second intervals in the step operation.
- The illustration indicates that code 4 is output. Push the "TEMP–" switch to finish panel diagnosis.

HINT:

Push the "AUTO" switch to enter the sensor check mode.

Step No.	Display code	Conditions				
		Blower level	Air flow vent	Air inlet damper	Air mix damper	A/C compressor revolution speed (rpm)
1	0	0	FACE (–10.0 %)	FRESH (110.0 %)	"COOL" side (–10.0 %)	0
2	1	1	FACE (–10.0 %)	FRESH (110.0 %)	"COOL" side (–10.0 %)	0
3	2	17	FACE (–10.0 %)	FRESH (110.0 %)	"COOL" side (–10.0 %)	7,500
4	3	17	FACE (–10.0 %)	RECIRCULATION (–1.0 %)	"COOL" side (–10.0 %)	7,500
5	4	17	B/L (12 %)	RECIRCULATION (–1.0 %)	"COOL"/ "HOT " (50.0 % opened)	4,500
6	5	17	FOOT (49 %)	RECIRCULATION (–1.0 %)	"COOL"/ "HOT " (65.0 % opened)	4,500
7	6	17	FOOT (49 %)	RECIRCULATION (–1.0 %)	"HOT " side (100.0 %)	4,500
8	7	17	F/D (69 %)	RECIRCULATION (–1.0 %)	"COOL"/ "HOT " (65.0 % opened)	4,500
9	8	17	F/D (95 %)	RECIRCULATION (–1.0 %)	"COOL"/ "HOT " (90.0 % opened)	4,500
10	9	31	DEF (110.0 %)	RECIRCULATION (–1.0 %)	"COOL"/ "HOT " (50.0 % opened)	4,500