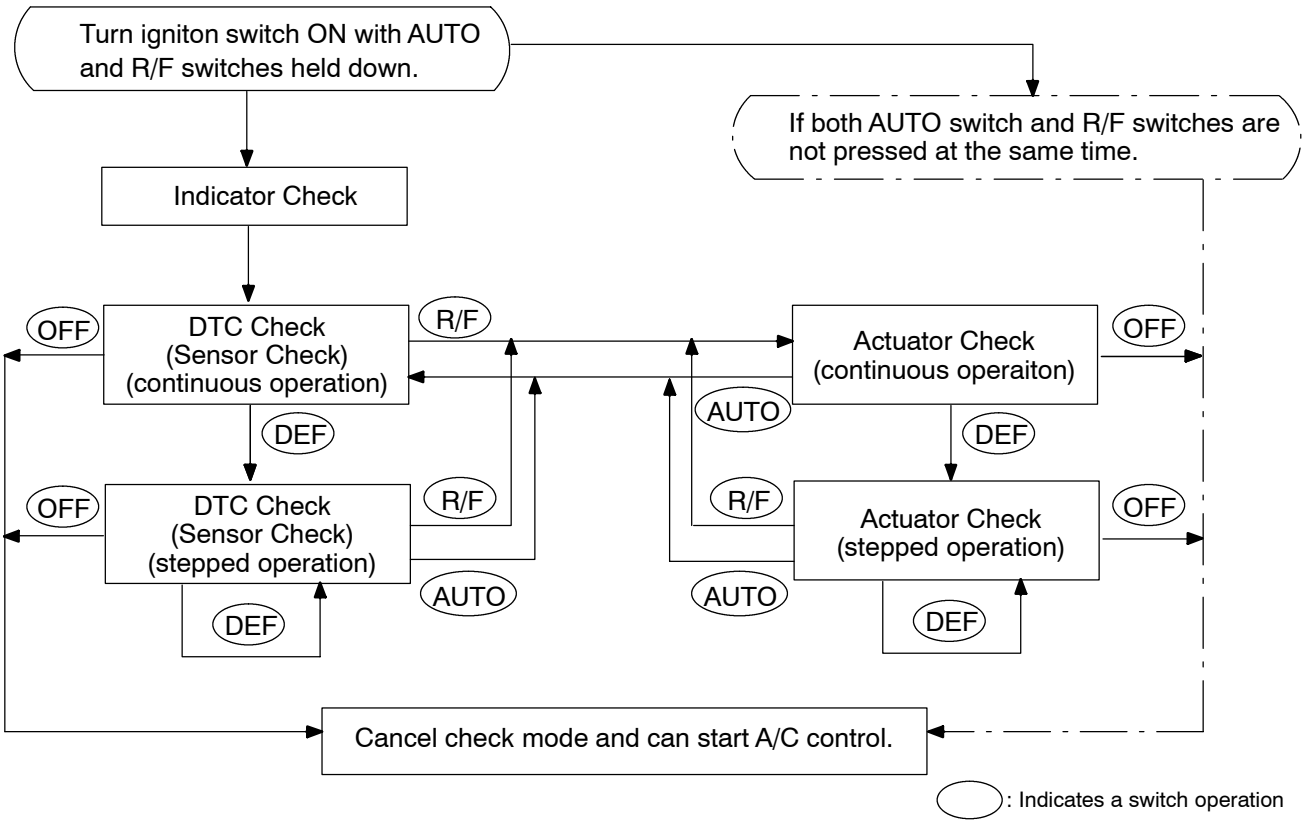
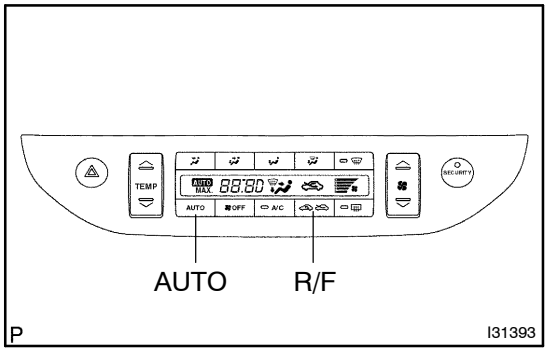
050TI–02

PRE–CHECK

1. LIST OF OPERATION METHODS

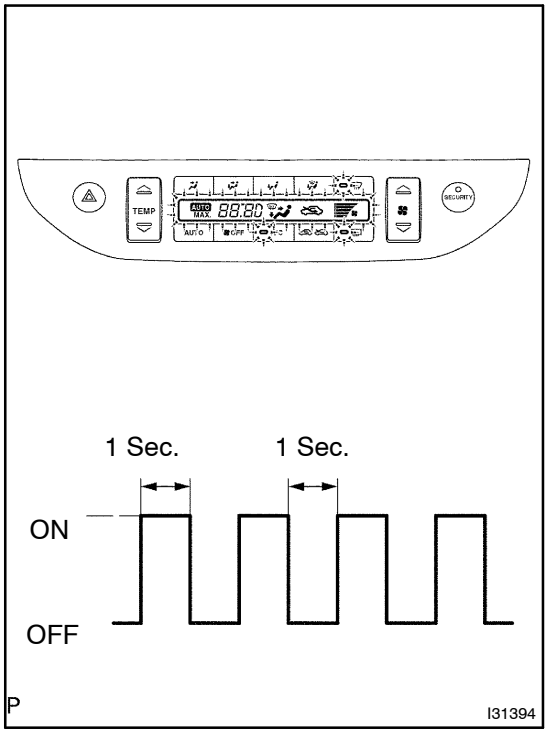
By operating each of the A/C control switches as shown the diagram below, it is possible to enter the diagnosis check mode.





2. INDICATOR CHECK

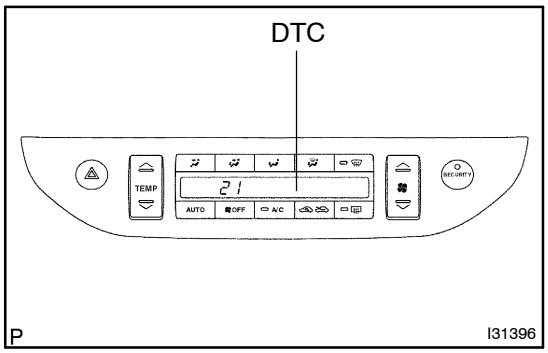
(a) Turn the ignition switch ON while pressing the A/C control AUTO switch and R/F switch simultaneously.



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

HINT:

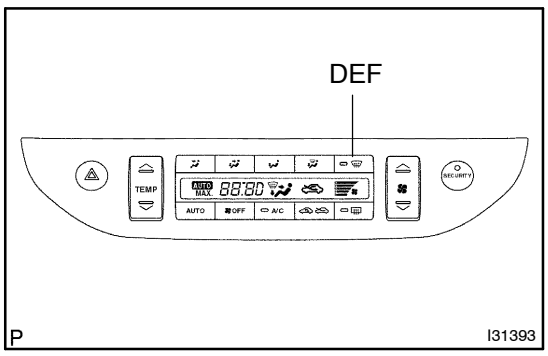
- After the indicator check is completed, the system enters the DTC begins automatically.
- Press the OFF switch when desiring to cancel the check mode.



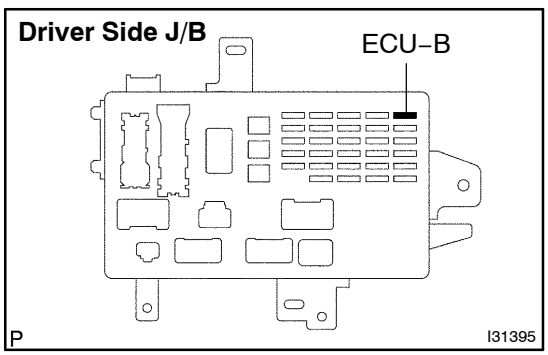
3. DTC CHECK (SENSOR CHECK)

(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 codes on page 05–690 when reading the codes. (Trouble code 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.

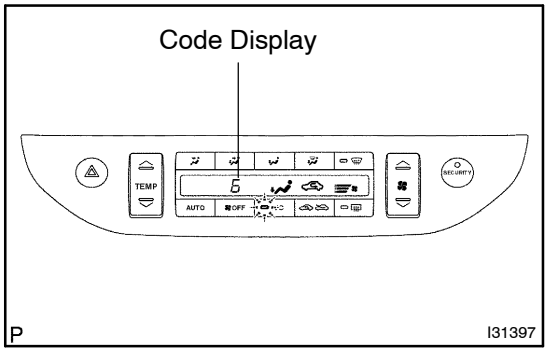


4. CLEARING DTC

(a) To clear diagnostic trouble code, there are 2 ways.

(1) During sensor check, press the "FRONT DEF" switch and "REAR. DEF" switch at the same time.

(2) Pull the ECU–B fuse in engine room J/B for 20 sec. or longer to clear the DTC memory.



5. ACTUATOR CHECK

(a) After entering the DTC check mode (Sensor Check Mode) press the R/F switch.

(b) Since each damper, motor and relay automatically operates at 1 sec. intervals beginning in order from 10 in the temperature display, check the temperature and air flow visually and by hand.

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.

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 level	Air flow vent	Air inlet damper	Magnetic clutch	Air mix damper
1	0	0	FACE	FRESH	OFF	”COLD” side (Full closed)
2	1	1	FACE	FRESH	OFF	”COLD” side (Full closed)
3	2	14	FACE	FRESH	ON	”COLD” side (Full closed)
4	3	14	FACE	FRESH	ON	”COLD” side (Full closed)
5	4	14	FACE	RECIRCULATION	ON	”COLD”/ ”HOT ” (50 % open)
6	5	14	B/L	RECIRCULATION	ON	”COLD”/ ”HOT ” (50 % open)
7	6	14	FOOT	RECIRCULATION	ON	”HOT” side (Full opened)
8	7	14	FOOT	RECIRCULATION	ON	”HOT” side (Full opened)
9	8	14	FOOT/ DEF	RECIRCULATION	ON	”HOT” side (Full opened)
10	9	31	DEF	RECIRCULATION	ON	”HOT” side (Full opened)