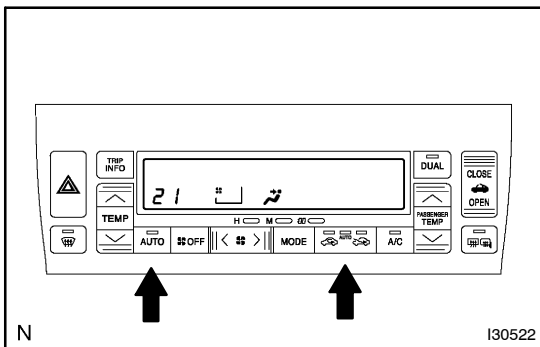
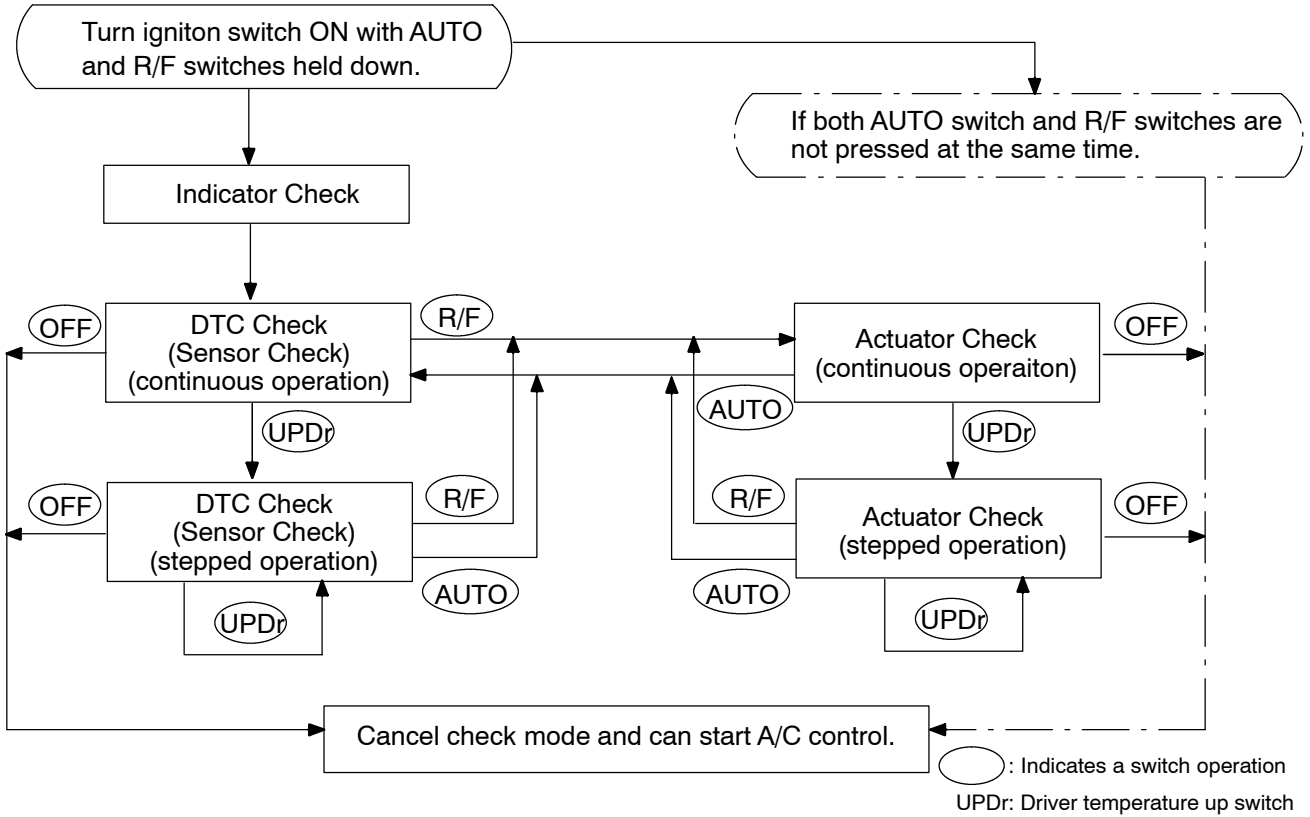


PRE-CHECK

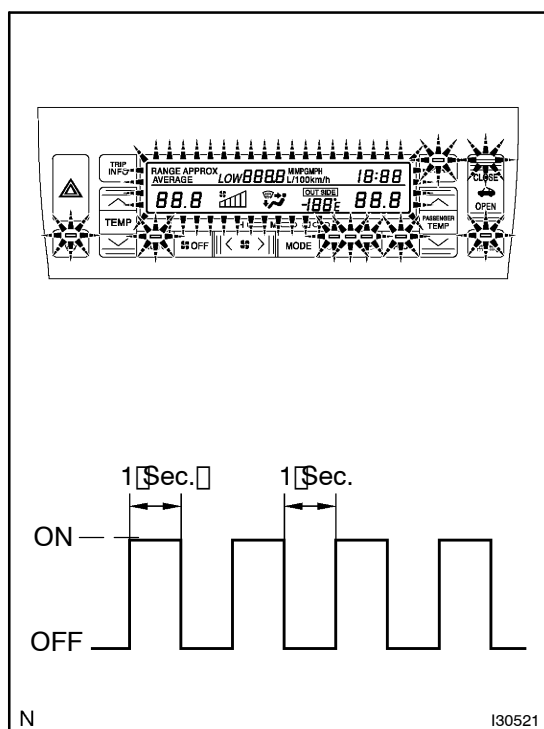
1. LIST OF OPERATION METHODS

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

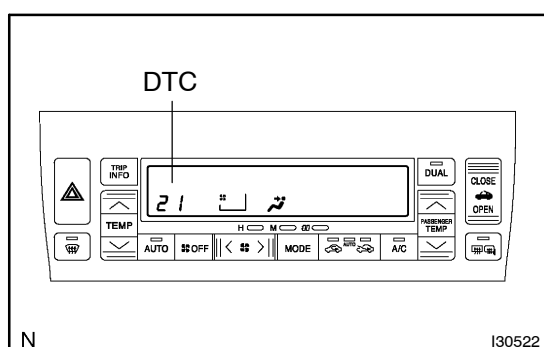
- (a) Turn the ignition switch ON while pressing the A/C control AUTO switch and R/F switch simultaneously.



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

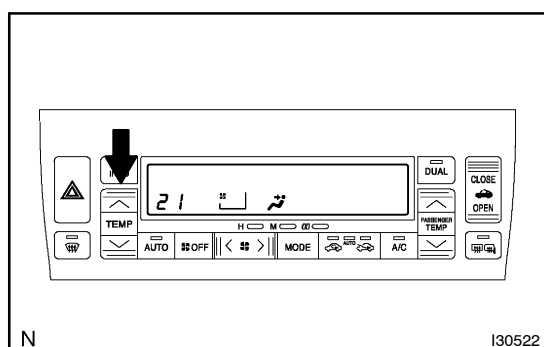
HINT:

- 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 05-430](#) when reading the codes. (Trouble code are output at the temperature display.)



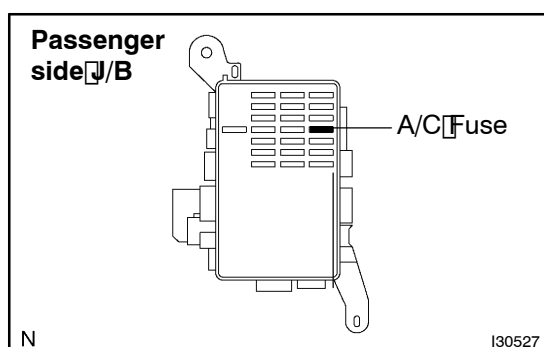
- (c) If the slower display is desired, press the front UPDr switch and change it to stepped operation. Each time the front UPDr switch is pressed, the display changes by 1 step.

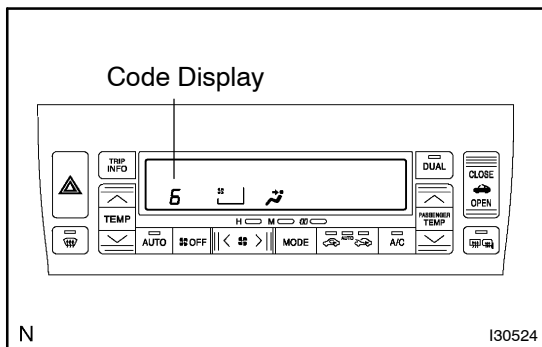
4. DTC CHECK USING HAND-HELD TESTER

- (a) Hook up the hand-held tester to the DLC3.
- (b) Read the diagnostic trouble codes by following the prompts on the tester screen.
- Please refer to the hand-held tester operator's manual for further details.

5. CLEARING DTC

- (a) To clear diagnostic trouble code, there are 2 ways.
- During sensor check, press the "DEF" switch and "Rr. DEF" switch at the same time.
 - Pull the A/C fuse in passenger side J/B for 20 sec. or longer to clear the DTC memory.





6. 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 UPDR switch and change it to step operation. Each time the UPDR 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	Lap-jet damper
1	0	0	FACE	FRESH	OFF	"COOL" side (Full closed)	CLOSE
2	1	1	FACE	FRESH	OFF	"COOL" side (Full closed)	CLOSE
3	2	14	FACE	R/F	ON	"COOL" side (Full closed)	CLOSE
4	3	14	FACE	R/F	ON	"COOL" side (Full closed)	CLOSE
5	4	14	FACE	RECIRCULATION	ON	"COOL"/"WARM" (50 % open)	CLOSE
6	5	14	B/L	RECIRCULATION	ON	"COOL"/"WARM" (50 % open)	CLOSE
7	6	14	FOOT	RECIRCULATION	ON	"WARM" side (Full opened)	CLOSE
8	7	14	FOOT	RECIRCULATION	ON	"WARM" side (Full opened)	OPEN
9	8	14	FOOT/ DEF	RECIRCULATION	ON	"WARM" side (Full opened)	OPEN
10	9	31	DEF	RECIRCULATION	ON	"WARM" side (Full opened)	CLOSE

7. DATA LIST CHECK

Item	Condition	Display
Room temperature sensor	-	0 - 255
Ambient temperature sensor	-	0 - 255
Evaporator temperature sensor	-	0 - 255
Solar sensor (Driver side)	Solar radiation	0 - 255
Solar sensor (Passenger side)	Solar radiation	0 - 255
Engine coolant temperature sensor	Idling engine	0 - 255
Set temperature on driver side	Control temperature switch	01H - 1DH (°C) 21H - 35H (°F)
Set temperature on passenger side	Control temperature switch	01H - 1DH (°C) 21H - 35H (°F)
Blowing temperature on driver side	-	4096 - 61440
Blowing temperature on passenger side	-	4096 - 61440
Driver air mix damper position (Actual opening angle)	Control temperature switch	0 - 255
Passenger air mix damper position (Actual opening angle)	Control temperature switch	0 - 255
Mode damper position (Actual opening angle)	Control mode switch	0 - 255
R/F damper position	Control R/F switch	0 - 255
Driver air mix damper position (Target opening angle)	Control temperature switch	0 - 255
Passenger air mix damper position (Target opening angle)	Control temperature switch	0 - 255
Air mode damper position (Target opening angle)	Control mode switch	0 - 255
Air inlet damper position (Target opening angle)	Control R/F switch	0 - 255
TEL signal	-	0 - 1
Blower level	Operate blower motor	0 - 31
Ambient temperature correction value	-	0 - 255
Exhaust gas sensor sensitivity	-	0 - 255