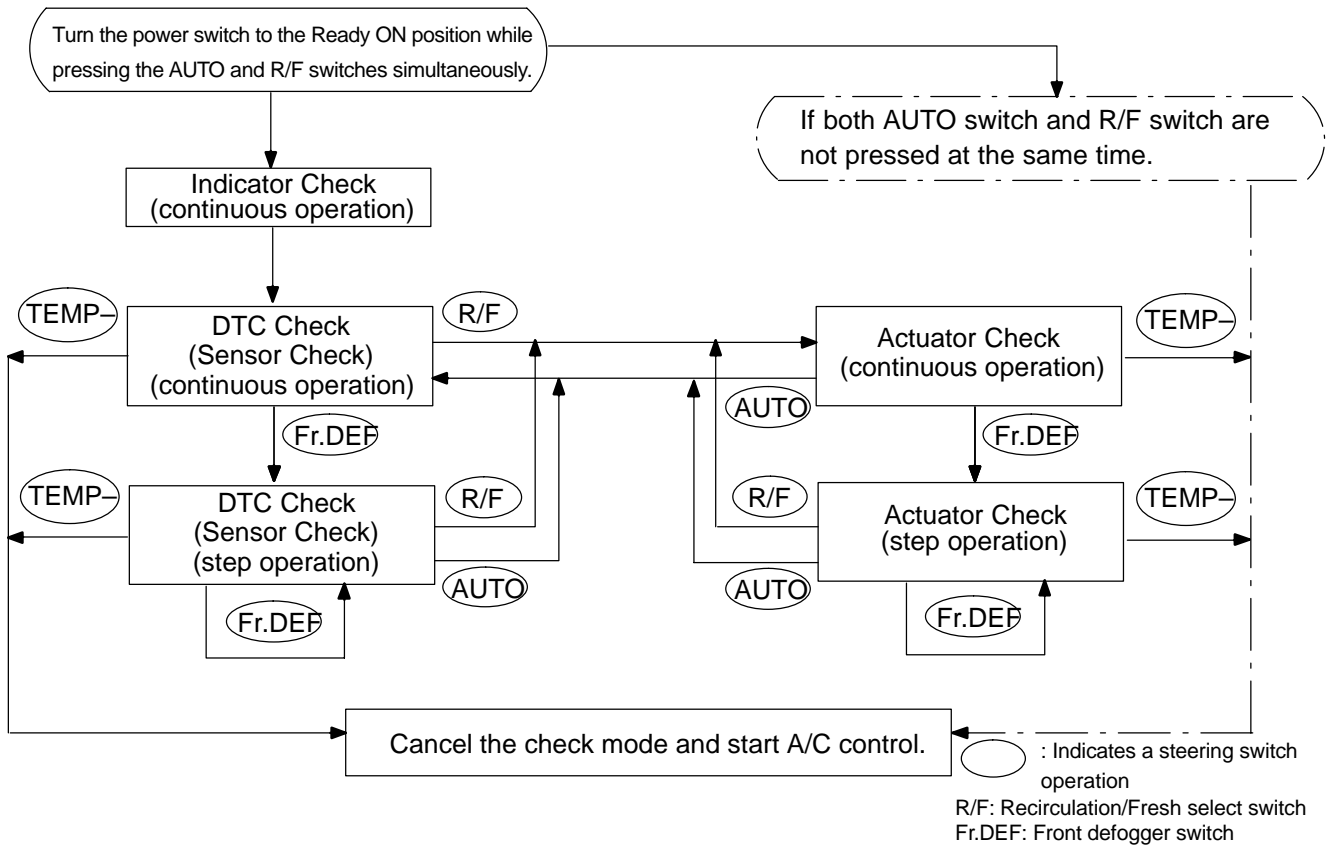
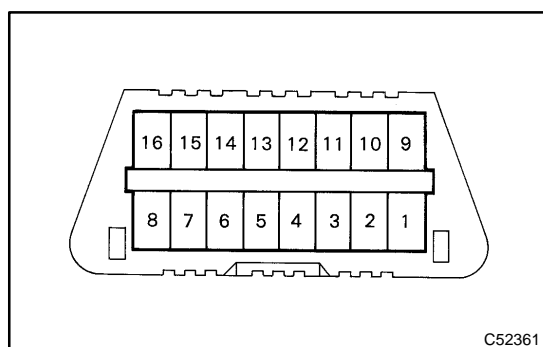


# CHECK MODE PROCEDURE

## 1. LIST OF OPERATION METHODS

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





## 2. CHECK THE DLC3

### (a) Check the DLC3:

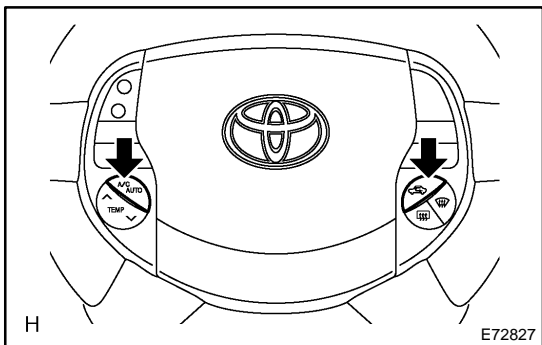
The air conditioning amplifier uses CAN and ISO 9141-2 for communication protocol. The terminal arrangement of the DLC3 complies with SAE J1962 and matches the ISO 9141-2 format.

Symbols (Terminal No.)	Terminal Description	Condition	Specified Condition
SIL (7) – SG (5)	Bus "+" line	During transmission	Pulse generation
CG (4) – Body ground	Chassis ground	Always	Below 1 $\Omega$
SG (5) – Body ground	Signal ground	Always	Below 1 $\Omega$
BAT (16) – Body ground	Battery positive	Always	11 to 14 V
CANH (6) – CANL (14)	HIGH-level CAN bus line	Power switch off	54 to 67 $\Omega$
CANH (6) – Battery positive	HIGH-level CAN bus line	Power switch off	1 M $\Omega$ or higher
CANH (6) – CG (4)	HIGH-level CAN bus line	Power switch off	3 K $\Omega$ or higher
CANL (14) – Battery positive	LOW-level CAN bus line	Power switch off	1 M $\Omega$ or higher
CANL (14) – CG (4)	LOW-level CAN bus line	Power switch off	3 K $\Omega$ or higher

#### HINT:

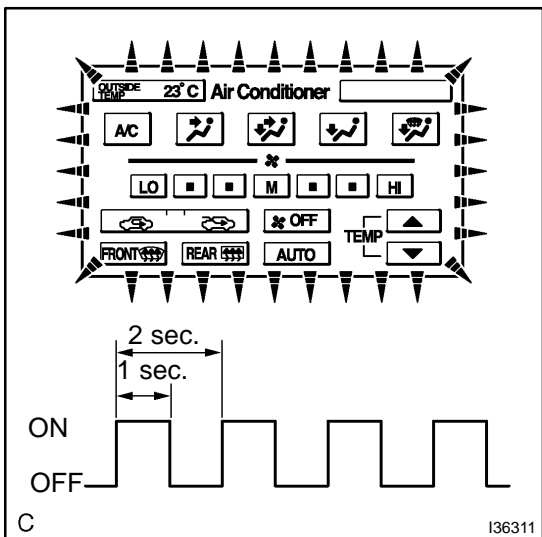
If the display shows "UNABLE TO CONNECT TO VEHICLE" after connecting the hand-held tester cable to the DLC3 and turning the ignition switch to the ON position, there is a problem either with the vehicle or the tester.

- If communication is normal when connecting the tester to another vehicle, inspect the DLC3 on the original vehicle.
- If communication is still not possible when connecting the tester to another vehicle, the problem is probably in the tester itself. Consult the Service Department listed in the tester's operator's manual.



**3. INDICATOR CHECK**

- (a) Turn the power switch off.
- (b) While pressing both the AUTO and R/F (Recirculation/Fresh) switches on the steering wheel, turn the power switch on (READY) from off.



- (c) The indicator check is automatically performed when activating panel diagnosis. Check that all indicators and setting displays come on and go off 4 times at 1 second intervals. Check that the buzzer sounds when the indicators come on.

**HINT:**  
The sensor check is automatically started when the indicator check is completed.

- (d) Push the "TEMP DOWN" switch to finish panel diagnosis.