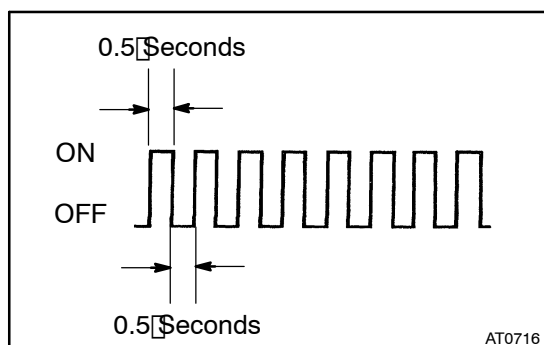


# DIAGNOSIS SYSTEM



## 1. WARNING FOR A/C COMPRESSOR LOCK (G.C.C. COUNTRY MODELS)

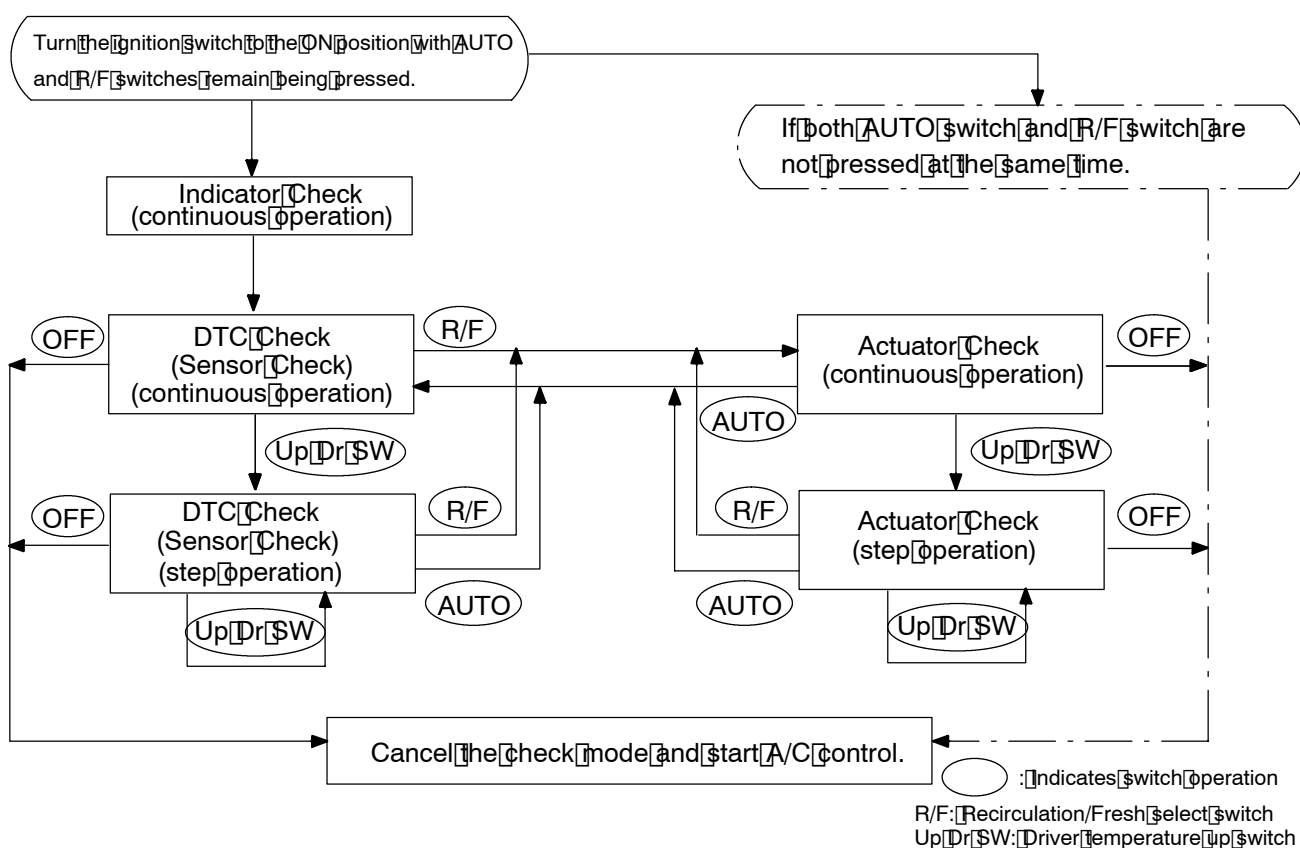
If compressor lock occurs during A/C operation, the A/C switch indicator on the A/C control assembly starts blinking.

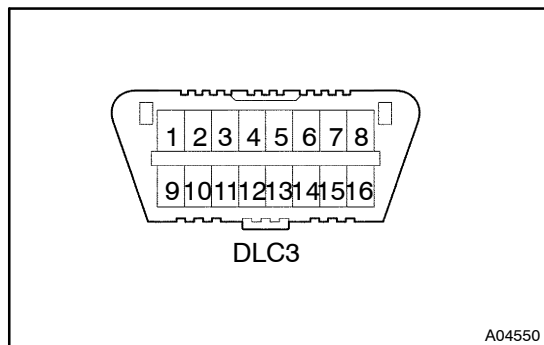
When this occurs, check for compressor lock (DTC 1422) using intelligent tester II, then proceed to inspect the circuit or the component.

Compressor lock sensor circuit → (see page 05-829)

## 2. 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.





### 3. CHECK DLC3

- (a) The vehicle's ECM uses CAN and the to ISO 14230 and ISO 9141-2 for communication protocol. The terminal arrangement of the DLC3 complies with SAE J15031-3 and meets the ISO 14230 and ISO 9141-2 format.

Terminal No.	Connection/Voltage or Resistance	Condition
7	Bus + Line/Pulse generation	During transmission
4	Chassis Ground – Body Ground/1 $\Omega$ or less	Always
5	Signal Ground – Body Ground/1 $\Omega$ or less	Always
16	Battery Positive – Body Ground/9 to 14 V	Always

#### HINT:

If the display shows UNABLE TO CONNECT TO VEHICLE when you have connected the cable of the intelligent tester II to the DLC3, turned the ignition switch ON and operated the tester, there is a problem on the vehicle side or tool side.

- If the communication is normal when the tool is connected to another vehicle, inspect the DLC3 on the original vehicle.
- If the communication is still impossible when the tool is connected to another vehicle, the problem is probably in the tool itself, so consult the Service Department listed in the tool's instruction manual.