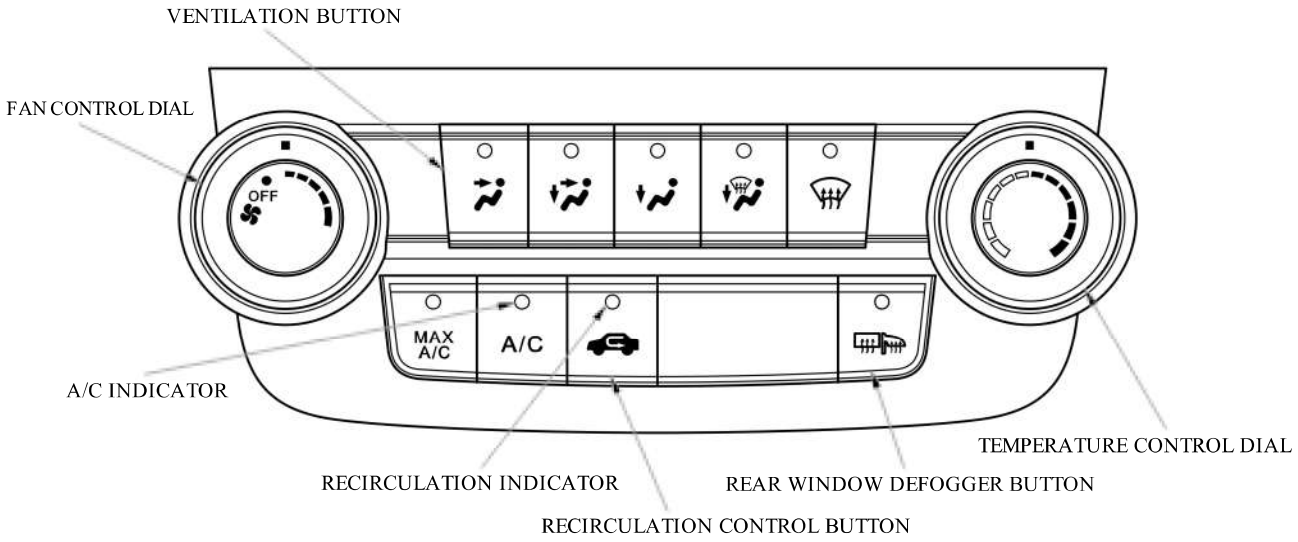
How to Use the Self-Diagnostic Function

The HVAC control unit has a self-diagnostic function for heating, ventilation, and air conditioning system. To run the self-diagnostic function, do the following:

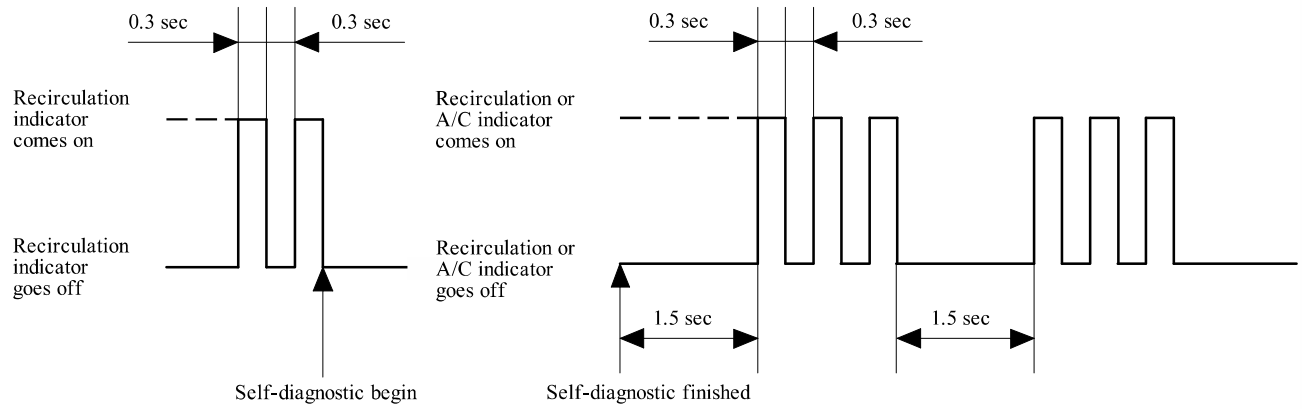
1. Turn the ignition switch to LOCK (0), and then to ON (II).
2. Set the FAN CONTROL dial OFF, the TEMPERATURE CONTROL dial on Max Cool, and select the VENT mode.
3. Turn the ignition switch to LOCK (0), and then to ON (II).
4. Press and hold the RECIRCULATION CONTROL button, then press the REAR WINDOW DEFOGGER button five times within 10 seconds. Release the RECIRCULATION CONTROL and REAR WINDOW DEFOGGER buttons; the recirculation indicator blinks two times, then the self-diagnostic begins.

   NOTE:

   - The blower motor will run at various speeds when in the self-diagnostic mode.
   - In the case of multiple problems, the recirculation indicator will blink the lowest number DTC only.
   - If no DTCs are found, the indicator will not blink.



Example of DTC Indication Pattern (DTC 3)



DTC (Recirculation Indicator Blinks)	Detection Item
1	An open in the air mix control motor circuit

2	A short in the air mix control motor circuit
3	A problem in the air mix control linkage, door, or motor circuit
4	An open or short in the mode control motor circuit
5	A problem in the mode control linkage, doors, or motor circuit
6	A problem in the blower motor circuit
7	HVAC control unit internal error

DTC (A/C Indicator Blinks)	Detection Item
8	An open in the evaporator temperature sensor circuit
9	A short in the evaporator temperature sensor circuit

Clear the DTCs

When the problem is repaired, DTCs will automatically clear.

Max Cool Position Function

When the mode control button is in the MAX A/C position, the HVAC control unit will automatically select the recirculation mode and turn the A/C on. If the recirculation switch is pressed when in MAX A/C, MAX A/C turns off. If A/C is pressed when in MAX A/C, the A/C turns off.