



General Troubleshooting Information

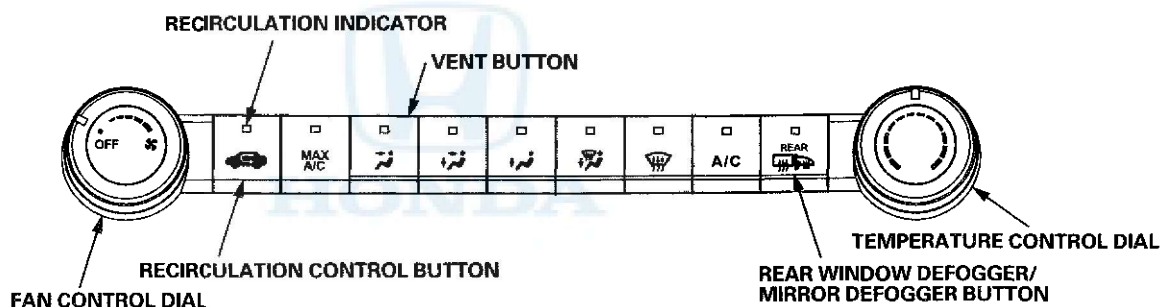
How to Use the Self-diagnostic Function

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

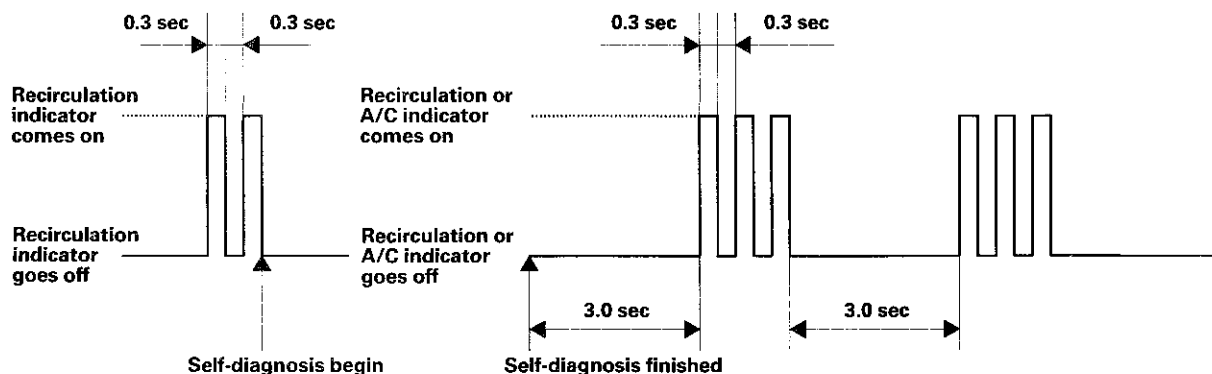
1. Turn the ignition switch to LOCK (0), and then to ON (II).
2. Set the FAN CONTROL dial to OFF, the TEMPERATURE CONTROL dial on Max Cool, and select the VENT mode.
3. Turn the ignition switch to LOCK (0), and then to ON (II).
4. Press and hold the RECIRCULATION CONTROL button, then within 10 seconds press and release the REAR WINDOW DEFOGGER/MIRROR DEFOGGER button five times. Release the RECIRCULATION CONTROL button; 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.
- Once the self-diagnostic function is finished, the recirculation indicator blinks, and the number of blinks indicates the Diagnostic Trouble Code (DTC) number. If there are multiple DTCs, the indicator blinks each DTC in sequence from the lowest DTC number to the highest.
- The indicator pauses 3 seconds, then repeats the DTC blink sequence.
- If no DTCs are found, the indicator does not blink.



Example of DTC Indication Pattern (DTC 3)

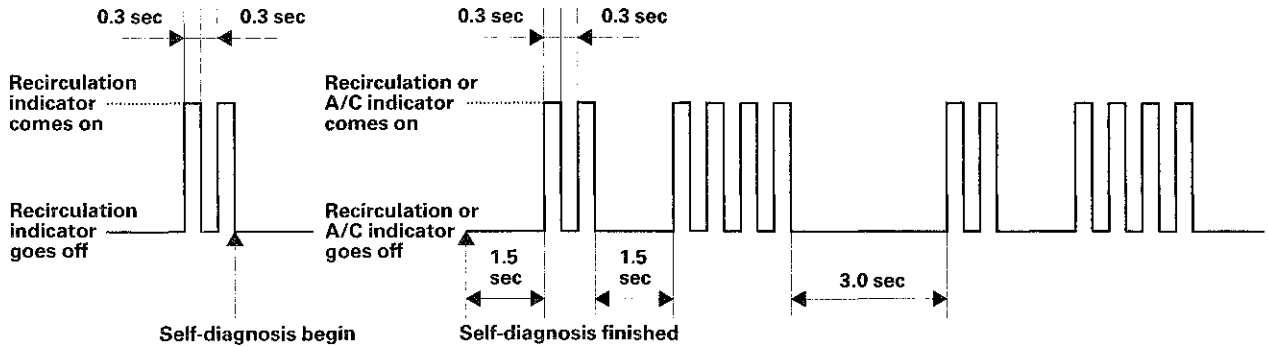


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Heating/Air Conditioning

General Troubleshooting Information (cont'd)

Example of DTCs Indication Pattern (DTC 2 and 4)



DTC (Recirculation Indicator Blinks)	Detection Item
1	An open in the air mix control motor circuit (see page 21-24)
2	A short in the air mix control motor circuit (see page 21-25)
3	A problem in the air mix control linkage, door, or motor circuit (see page 21-26)
4 ^{*1}	An open in the mode control motor circuit (see page 21-27)
5 ^{*1}	A short in the mode control motor circuit (see page 21-28)
6 ^{*1}	A problem in the mode control linkage, doors, or motor circuit (see page 21-29)
7 ^{*1}	An open in the recirculation control motor circuit (see page 21-31)
8 ^{*1}	A short in the recirculation control motor circuit (see page 21-32)
9 ^{*1}	A problem in the recirculation control linkage, door, or motor circuit (see page 21-33)
10 ^{*2}	An open or short in the mode control circuit (see page 21-35)
11 ^{*2}	A problem in the mode control linkage, doors, or motor circuit (see page 21-37)
12	A problem in the blower motor circuit (see page 21-38)
13	HVAC control unit internal error (see page 21-41)
14	An open in the evaporator temperature sensor circuit (see page 21-42)
15	A short in the evaporator temperature sensor circuit (see page 21-43)

*1: '08-10 models with M/T and '08-09 models 2-door with A/T

*2: '08-09 models 4-door with A/T and '10 model with A/T

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 mode, MAX A/C turns off. If the A/C switch is pressed when in MAX A/C mode, the A/C turns off.