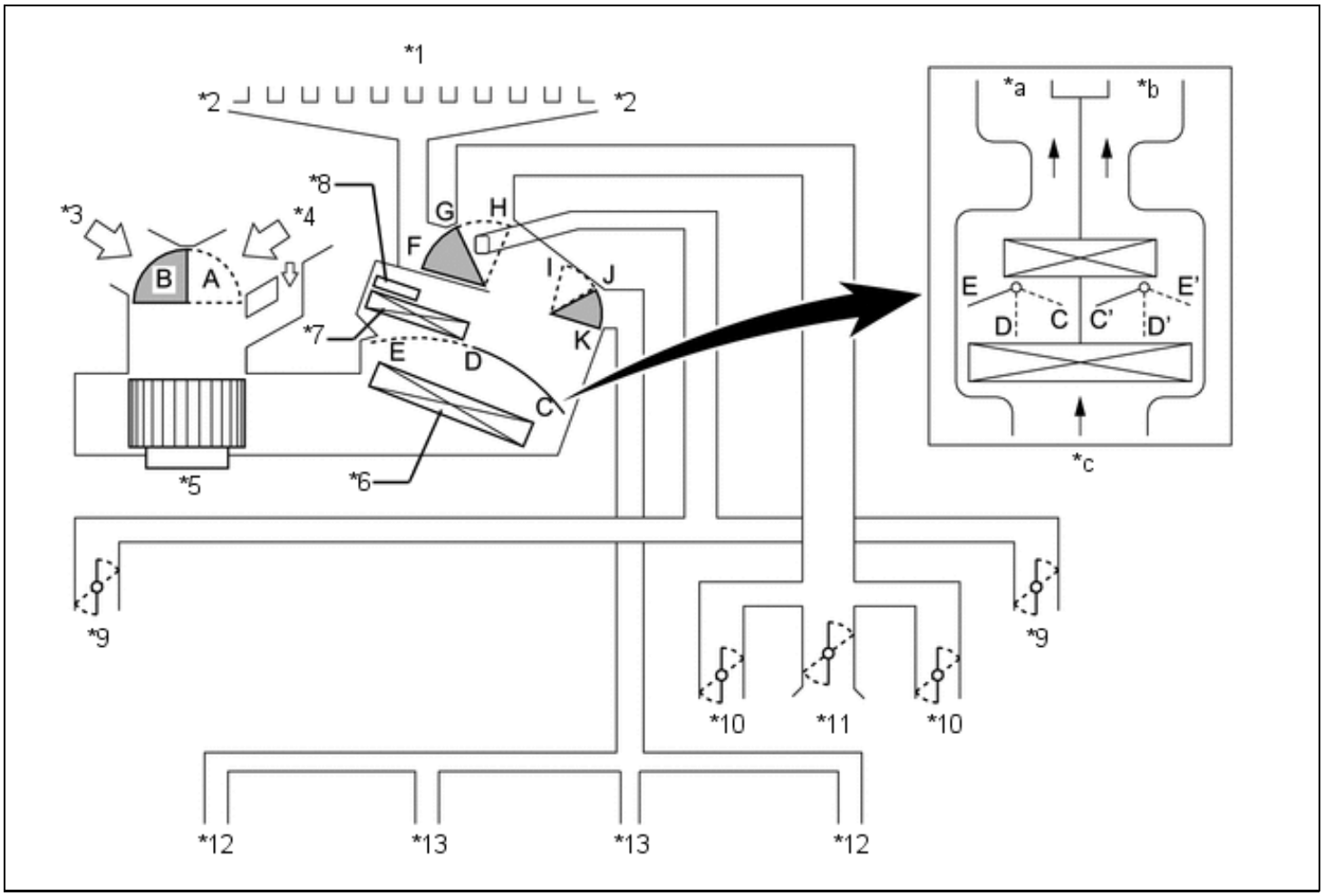
| | | |
|---|---|---|
| **Last Modified:** 03-12-2013 | 6.4 F | **Doc ID:** NM1000000005III |
| **Model Year:** 2013 | **Model:** RAV4 | **Prod Date Range:** [12/2012 - ] |
| **Title:** HEATING / AIR CONDITIONING: AIR CONDITIONING SYSTEM: AIR CONDITIONING CONTROL; 2013 MY RAV4 [12/2012 - ] | | |

# AIR CONDITIONING CONTROL

## 1. OPERATION

(a) Mode Position and Damper Operation



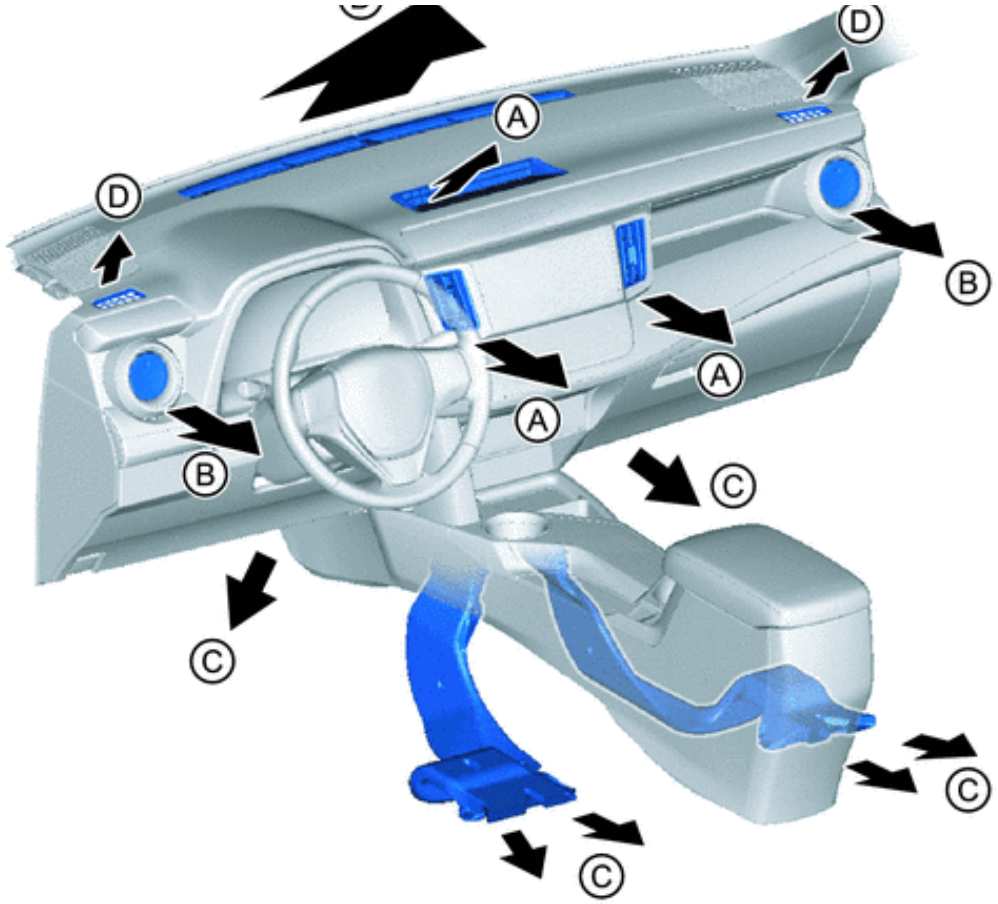

| | | | |
|---|---|---|---|
| *1 | Front Defroster | *2 | Side Defroster |
| *3 | Fresh Air | *4 | Recirculated Air |
| *5 | Blower with Fan Motor Sub-assembly | *6 | No. 1 Cooler Evaporator Sub-assembly |
| *7 | Heater Radiator Unit Sub-assembly | *8 | PTC Heater (Quick Heater Assembly) |
| *9 | Side Register | *10 | Center Register |
| *11 | Upper Register | *12 | Rear Footwell Register Duct |
| *13 | Footwell Register | - | - |
| *a | Driver Side | *b | Passenger Side |
| *c | Models with Automatic Air Conditioning System | - | - |

| CONTROL | OPERATION POSITION | DAMPER | OPERATION |
|---|---|---|---|

| CONTROL DAMPER | OPERATION POSITION | | DAMPER POSITION | OPERATION |
|---|---|---|---|---|
| Air Inlet Control Damper | FRESH | | A | Brings in fresh air. |
| | RECIRC | | B | Recirculates internal air. |
| Air Mix Control Damper | MAX COLD to MAX HOT*1<br>Temp. Setting*2: 16 °C (61 °F) to 32 °C (90 °F) | | C - D - E (C' - D' - E') | Varies the mixture ratio of the fresh air and the recirculation air in order to regulate the temperature continuously from HOT to COLD. |
| Mode Control Damper | | DEF | H, K | Defrosts the windshield through the front defroster and side register. |
| | | FOOT / DEF | H, J | Defrosts the windshield through the front defroster and side register, while air is also blown out from the footwell register duct and rear footwell register duct. |
| | | FOOT | H, I | Air blows out of the footwell register duct, rear footwell register duct and side register. In addition, air blows out slightly from the front defroster. |
| | | BI-LEVEL | F, I | Air blows out of the center register, side register, footwell register duct and rear footwell register duct. |
| | | FACE | F, K | Air blows out of the center register and side register. |

*1: Models with manual air conditioning system
*2: Models with automatic air conditioning system

(b) Air Outlets and Airflow Volume




| | | A<br>Center, Upper Register | B<br>Side Register | C<br>Footwell Register | D<br>Front, Side Defroster |
|---|---|---|---|---|---|
| MODE | FACE | ○ | ○ | – | – |
| | BI-LEVEL | ○ | ○ | ○ | – |
| | FOOT | – | ○ | ○ | ○ |
| | FOOT/DEF | – | ○ | ○ | ○ |
| | DEF | – | ○ | – | ○ |

The size of the circle indicates the proportion of airflow volume.