

### Chrysler non a/c heater system function (1959-64).

This is a short resume of how the heater system works . It will show which line has vacuum applied to it depending on the button pushed on the switch. (OFF, LO FAN, HI FAN, DEFROST and AIR).

There are three doors in the system. They are operated by their respective actuators.

-blower door actuator is operated thru lines 5 and 7.

-defrost door actuator is operated thru lines 1 and 3.

-fresh air door actuator is operated thru lines 4 and 6.

Below is a sketch of the back of the plastic heater switch where the group of 7 rubber hoses are attached.

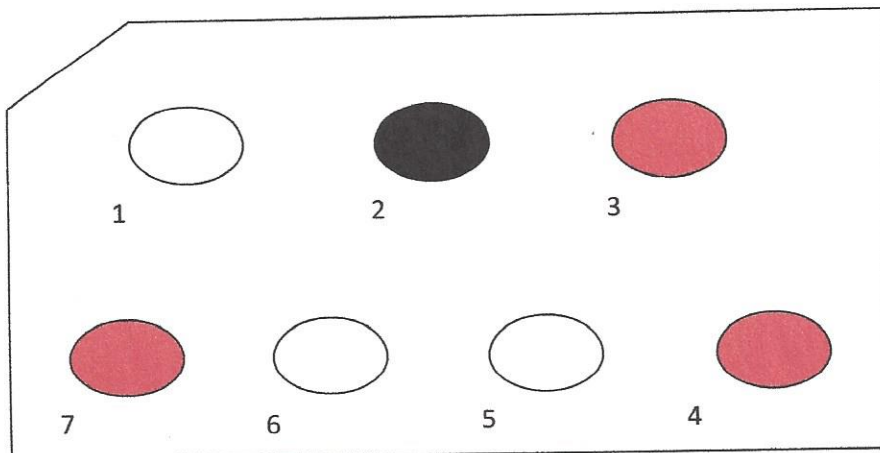
Line No. 1, 5, 6 have a white tracer(white circle).

Line no. 3, 4, 7 have a red tracer (red circle).

Line no. 2 has no tracer (black circle).

Engine vacuum is applied to the switch via the no. 2 line.

Note: in this non a/c system, the **red** tracer rubber hose is always connected to the **rod** side of the actuator.



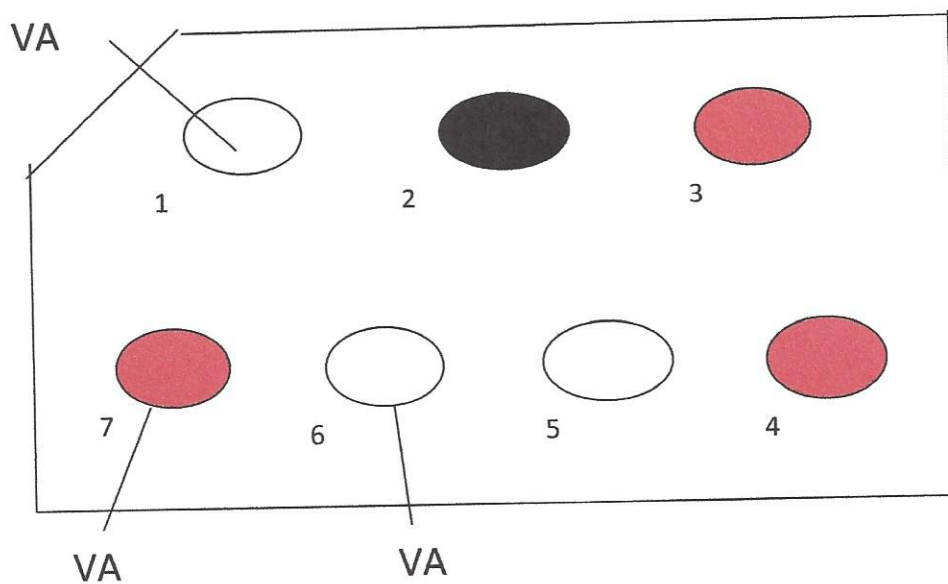
**"OFF" IS SELECTED.**

All doors are closed.

Vacuum is applied to line : 1, 6, 7

No vacuum is applied to line 3,4,5

VA = Vacuum applied.

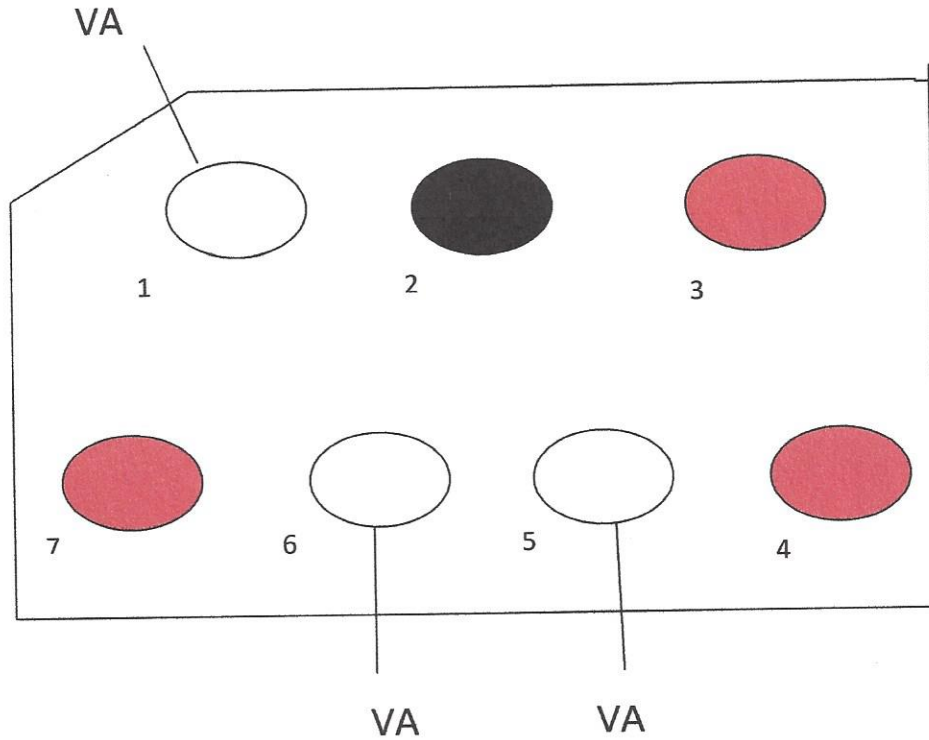


**“LO FAN” OR “HI FAN” IS SELECTED.**

- Blower door opens.
- Defrost door and fresh air door remain closed.

Vacuum is applied to line: 1, 5, 6

No vacuum is applied to line 3, 4, 7

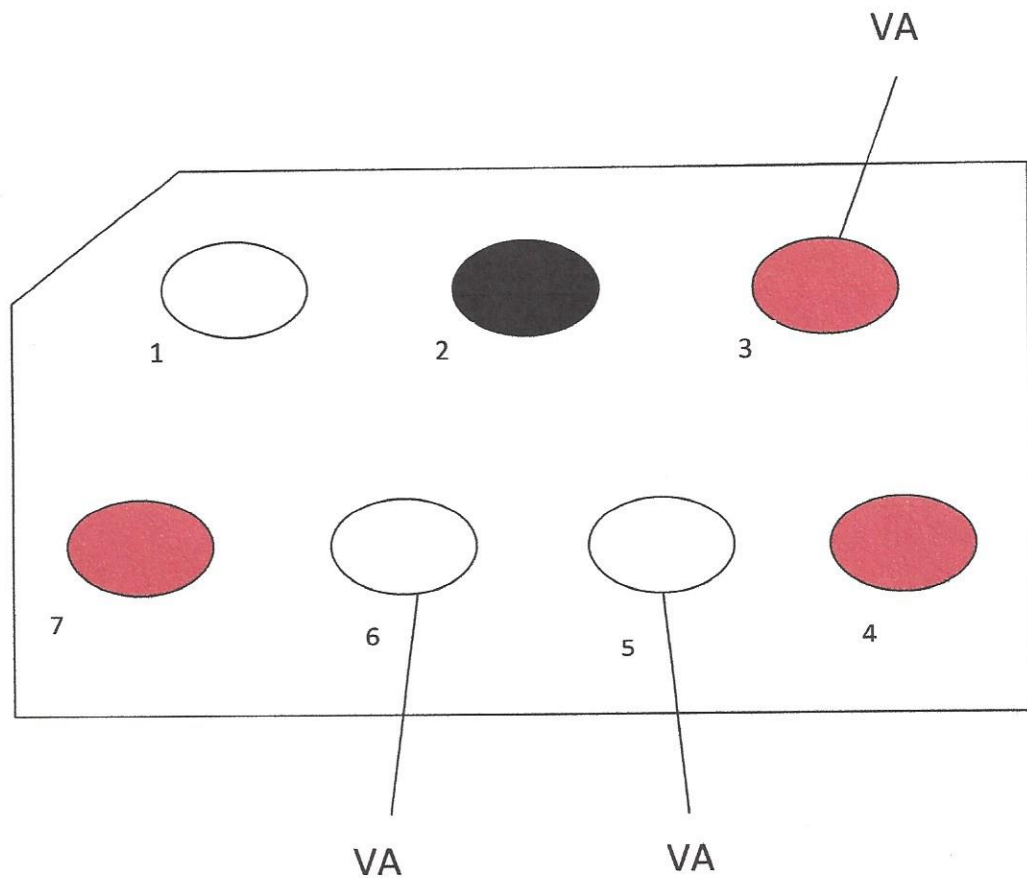


**"DEFROST" IS SELECTED.**

- Defrost door opens to deflect air to the windshield.
- Blower door remains open.
- Fresh air door remains closed.

Vacuum is applied to line : 3, 5, 6

No vacuum is applied to line : 1, 4, 7



**FRESH "AIR" IS SELECTED.**

- Fresh air door opens.
- Defrost door remains open.
- Blower door remains open.

Vacuum is applied to line 3, 4, 5

No vacuum is applied to line 1, 6, 7

