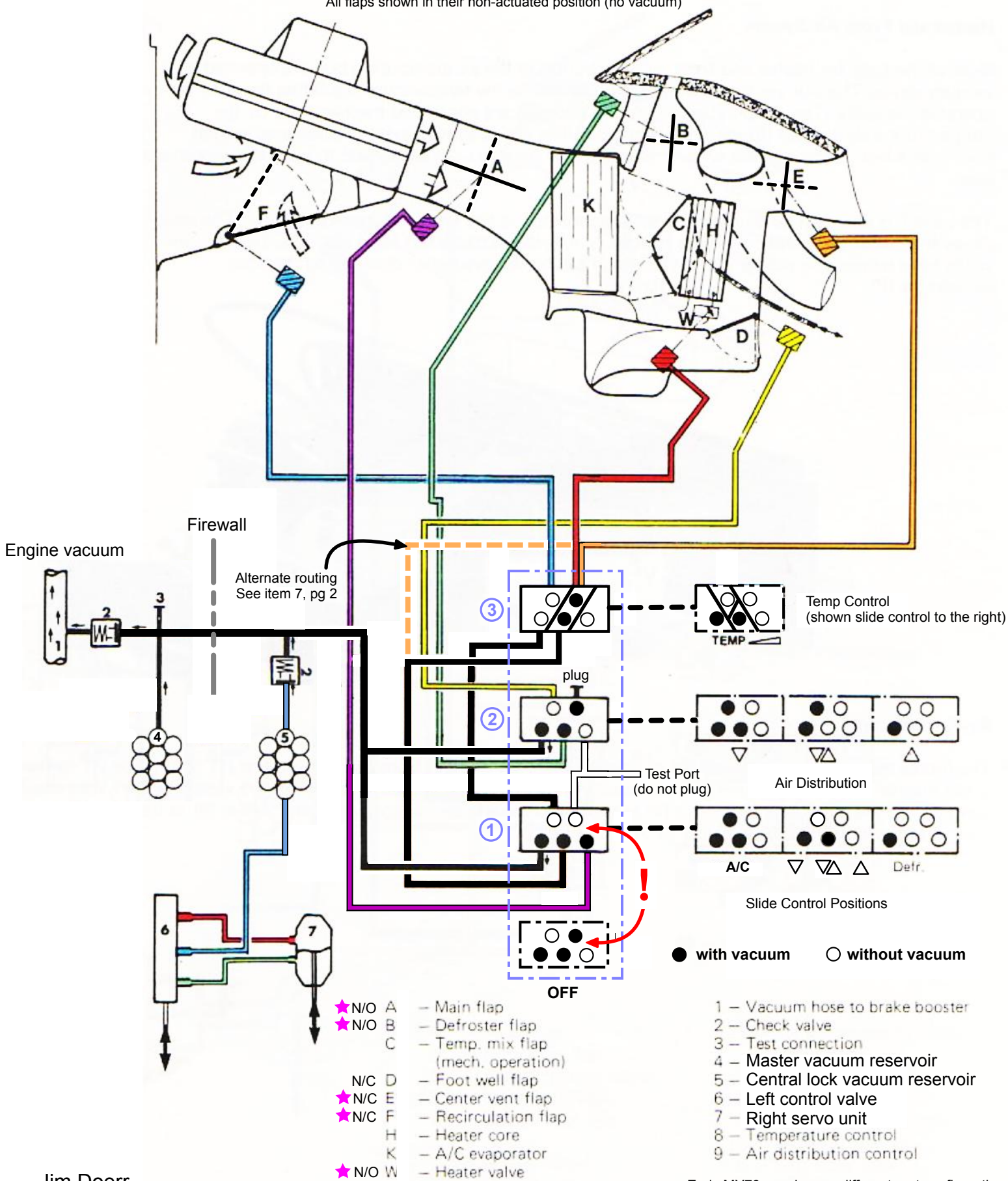


HVAC - from Service Information Booklet, 1978

(updated for clarification and accuracy)

All flaps shown in their non-actuated position (no vacuum)



- ★ N/O A - Main flap
 - ★ N/O B - Defroster flap
 - C - Temp. mix flap (mech. operation)
 - N/C D - Foot well flap
 - ★ N/C E - Center vent flap
 - ★ N/C F - Recirculation flap
 - H - Heater core
 - K - A/C evaporator
 - ★ N/O W - Heater valve
- ★ - Requires vacuum to actuate

● with vacuum ○ without vacuum

- 1 - Vacuum hose to brake booster
- 2 - Check valve
- 3 - Test connection
- 4 - Master vacuum reservoir
- 5 - Central lock vacuum reservoir
- 6 - Left control valve
- 7 - Right servo unit
- 8 - Temperature control
- 9 - Air distribution control

! Early MY78 may have a different port configuration. Purple and White ports would need to be switched. See page 4 for further clarification. Please test before reinstallation.

HVAC - from Service Information Booklet, 1978

(updated for clarification and accuracy)

When the air distribution control lever is moved into the "A/C" position, a micro-switch on the control lever activates the air conditioning compressor.



FOR CARS WITH AIR CONDITIONING

1. Both slide controls at "OFF"

- Main flap A closes – by vacuum
- Heater valve W closes – by vacuum
- Defroster flap B closes – by vacuum
- Temp. mix flaps are closed – via cables
- Foot well flap is closed – without vacuum
- Center vent flap E is open – by vacuum

2. Air distribution control at "A/C"

- Main flap A opens – without vacuum
- Recirculation flap F opens – by vacuum
- All other flaps as in position "OFF" (unless temp slide control is moved to the right, see item 7)

3. Air distribution control at

- Main flap A remains open – without vacuum
- Heater valve W remains closed – by vacuum
- Defroster flap B remains closed – by vacuum
- Foot well flap D opens – by vacuum
- Center vent flap E remains open – by vacuum

4. Air distribution control at

- Main flap A remains open – without vacuum
- Heater valve W remains closed – by vacuum
- Defroster flap B opens – without vacuum
- Foot well flap D remains open – by vacuum
- Center vent flap E remains open – by vacuum

5. Air distribution control at

- Main flap A remains open – without vacuum
- Heater valve W remains closed – by vacuum
- Defroster flap B remains open – without vacuum
- Foot well flap D closes – without vacuum
- Center vent flap E remains open – by vacuum

6. Air distribution control at "Def"

- Main flap A remains open – without vacuum
- Heater valve W opens – without vacuum
- Defroster flap B remains open – without vacuum
- Foot well flap D remains closed – without vacuum
- Center vent flap E closes – without vacuum

7. Temperature slide control moved to the right (toward warm)

When the temperature control is moved approximately 1 cm to the right from the left stop:

- Heater valve W opens – without vacuum
- Recirculation flap F closes – without vacuum (only in position "A/C". In other air distribution control positions the recirculation flap is always closed)
- Center vent flap E closes – without vacuum

Alternate: Center vent flap E remains open – by vacuum

Normally, when heat or A/C is on, air is diverted away from center flap, via footwell flap D, defrost flap B and armrest vents. This alternate is for those who prefer heat (or heat blend A/C) directly from the center vent flap E.

As the control is moved further to the right, the temperature mixing flaps C are gradually opened by a bowden cable and more and more air is diverted through the heater core.

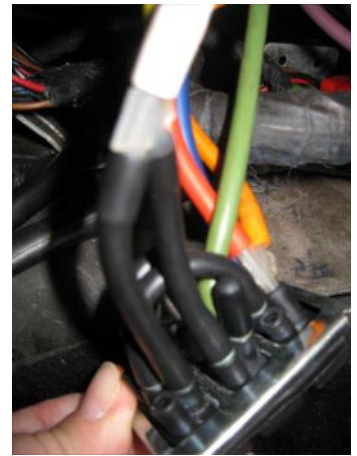
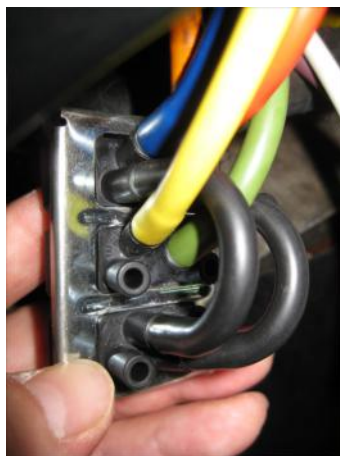
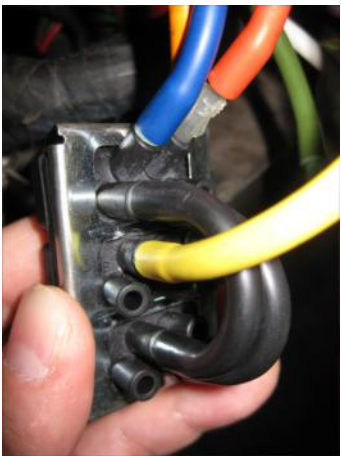
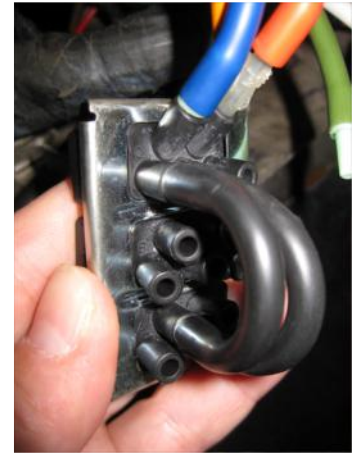
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last updated: 9/6/2013

HVAC - vacuum hose termination



HVAC - early vs. late MY78, port group ①

Late on left



Early on right

