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Does anyone have a diagram for the vacuum lines on a 1995 E300D Mercedes Benz?

Submitted: 761 days and 19 hours ago.
Category: Mercedes Value: \$15 Status: CLOSED

Optional Information

1995 Mercedes-Benz E300D 124.131 606.910

Already Tried:

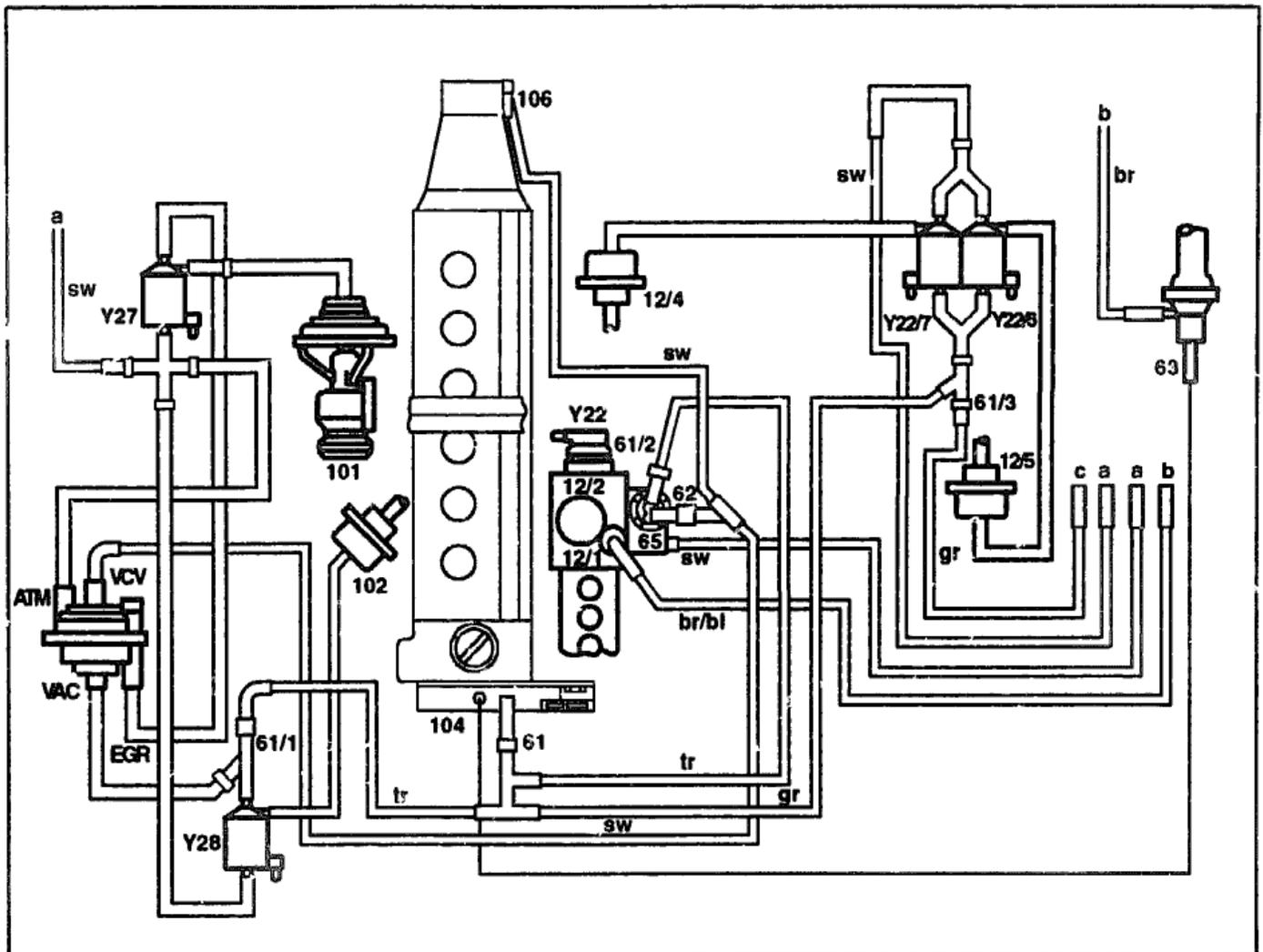
I need an accurate diagram for the vacuum lines. I seem to be missing one on the bottom of the intake manifold.

Thanks!
stu

Accepted Answer

Hi Stu, see if this one looks similar to what you have.

Marty



P07-6497-57

- 12/1 Stop vacuum unit
- 12/2 Atmospheric pressure-dependent full-load stop (ADA) unit
- 12,4 Resonance intake line vacuum unit
- 12/5 Resonance intake manifold vacuum unit
- 61 Filter
- 61/1 Restriction with filter
- 61/2 Restriction, green
- 61/3 Restriction, orange
- 62 Vacuum damper
- 63 Brake non-return valve
- 65 Vacuum control valve
- 101 Exhaust gas recirculation valve
- 102 Vacuum control tap vacuum unit
- 104 Vacuum pump
- 106 Modulating pressure vacuum unit
- Y22 Electronic idle speed control (ELR) actuator
- Y22/6 Resonance intake manifold switchover valve
- Y22/7 Resonance intake line switchover valve
- Y27 Exhaust gas recirculation (ARF) switchover valve
- V28 Vacuum control flap switchover valve
- a Air admission to vehicle interior
- b Key operated engine stop
- c Other consumers

Pressure and vacuum connections at vacuum amplifier

ATM Air admission to vehicle interior
 EGR Vacuum to ARF switchover valve
 VAC Vacuum from vacuum pump
 VCV Vacuum from vacuum control valve

Note: Vacuum control valve modified. Restrictor integrated in vacuum control valve, the restrictor in the vacuum pipes is thus discontinued.



Expert: [eurotec](#) **Mercedes Technician**
Pos. Feedback: 99.8 %
Accepts: 10973
Answered: 3/8/2009 [Ask this Expert a Question >](#)
 Bosch Certified Master Tech. Over 34 years experience.

Customer Reply

761 days and 18 hours ago.

This is likely to be it or close.

What is the valve in the bottom of the intake manifold for? It is a butterfly valve that seems to divide the first 3 cylinders from the back 3 cylinders. Don't understand why it is there.

Response From Expert

Posted by [eurotec](#) 761 days and 18 hours ago.

I think you're referring to the intake manifold resonance flap. It's basically used to "tune" the intake manifold for various torque conditions to maximize performance.

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