\Rightarrow	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
1.0	Vacuum actuators Left/right defroster flap vacuum actuators (37, 38), diverter flap left center air outlet vacuum actuator (41) and left/right footwell flap vacuum actuators (47, 48). Review 32 as well.	igotimes	Evacuate system with 400 mbar vacuum. Left display code : Vacuum actuators 37, 38, 47 and 48 and vacuum lines (vacuum line colors medium green and red) with vacuum applied. Left display code i and : Vacuum actuator 41 and vacuum line (vacuum line color dark green) with vacuum applied. i See Vacuum diagram 1, 33/4	30 mbar pressure increase in 1 minute. 30 mbar pressure increase in 1 minute.	Remove vacuum lines from Y11 and test each vacuum actuator with its vacuum line. Replace leaking actuators and or leaking vacuum lines.

3.6

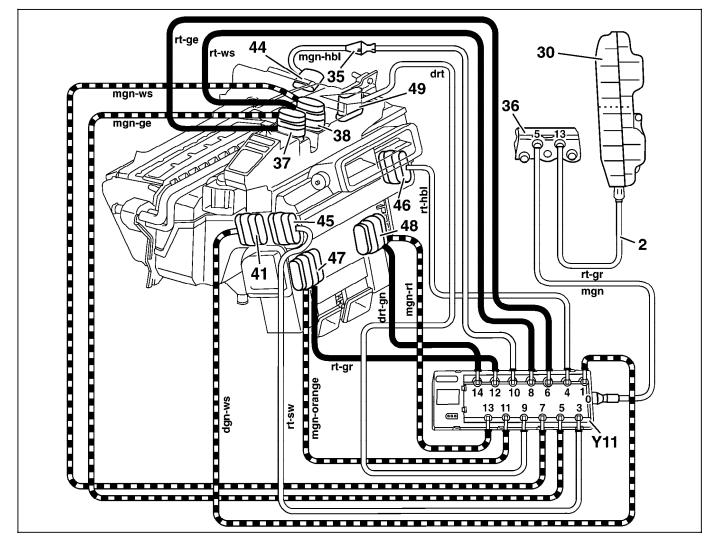
\Rightarrow	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
2.0	Vacuum actuators Blend air flap, left/right center air outlet vacuum actuators (45, 46) and left/right defroster flap vacuum actuators (37, 38). Review 32 as well.		Evacuate system with 400 mbar vacuum. Left display code: Left display code and 4: Vacuum actuators 45, 46, 37, 38 (vacuum line color red) with vacuum. i For vacuum actuators 45, 46: see Vacuum diagram 2, 33/5 For vacuum actuators 37, 38: see Vacuum diagram 1, 33/4	30 mbar pressure increase in 1 minute.	Replace leaking actuators and or leaking vacuum lines.

3.6 Air Conditioning (A/C)

Pneumatic Test Program – Test

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
3.0	Vacuum actuators Main air flap front vacuum actuator (44), air recirculation flap vacuum actuator (49) and blend air left/right center air outlet vacuum actuators (45, 46). Review 32 as well.		Evacuate system with 400 mbar vacuum. Left display code: Left display code I and II: Vacuum actuators 44, 49, 45, 46 and vacuum lines (vacuum line color red) with vacuum. i For vacuum actuators 44, 49: see Vacuum diagram 3, 33/6 For vacuum actuators 45, 46: see Vacuum diagram 2, 33/5	30 mbar pressure increase in 1 minute.	Replace leaking actuators and or leaking vacuum lines.

Pneumatic Test Program – Test Vacuum diagram 1



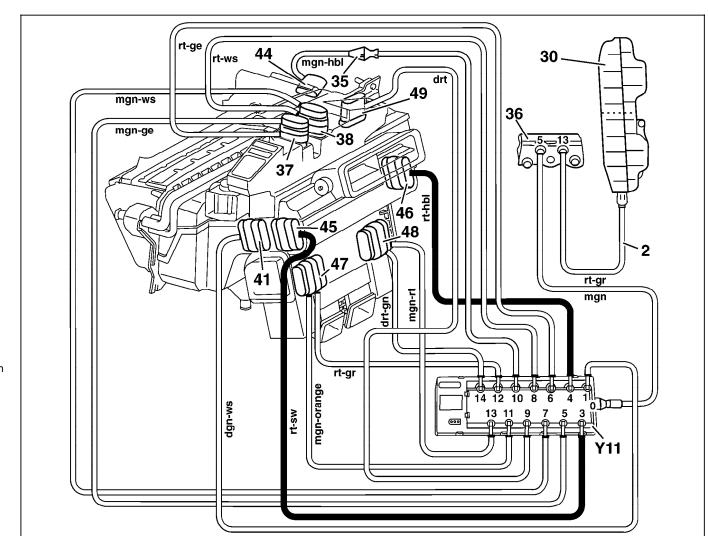
lbu Light blue Medium green mgn drd Dark red Grey gy Yellow Red ye rd White gn Green wt Dark green

The following prefixes may appear with line colors:

d = dark
m = medium
l = light

P83.40-0246-76

Vacuum diagram 2



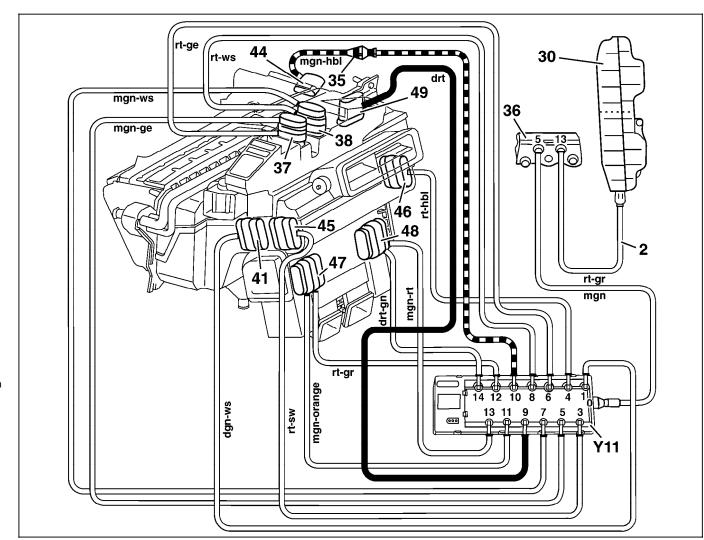
Medium green lbu Light blue mgn Dark red Grey drd gy Yellow Red rd ye Green wt White gn dgn Dark green

The following prefixes may appear with line colors:

d = darkm = mediuml = light

P83.40-0245-76

Vacuum diagram 3



Medium green lbu Light blue mgn drd Dark red gy Grey Yellow rd Red ye gn Green wt White dgn Dark green

The following prefixes may appear with line colors:

d = dark m = medium l = light

P83.40-0244-76