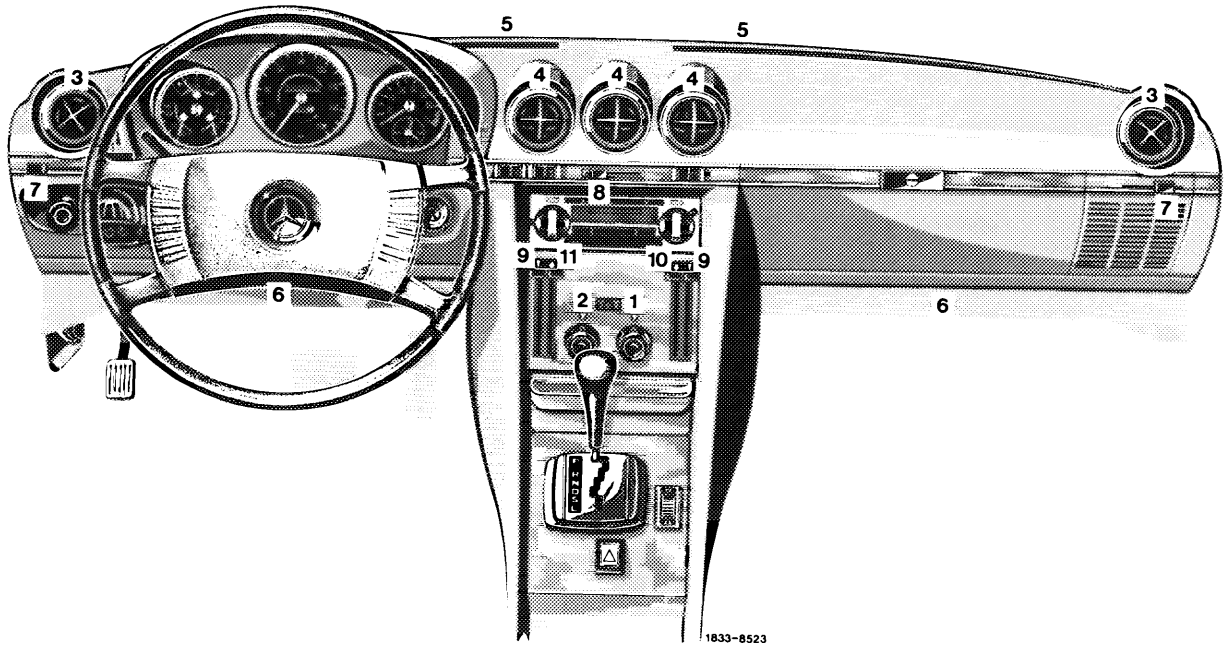


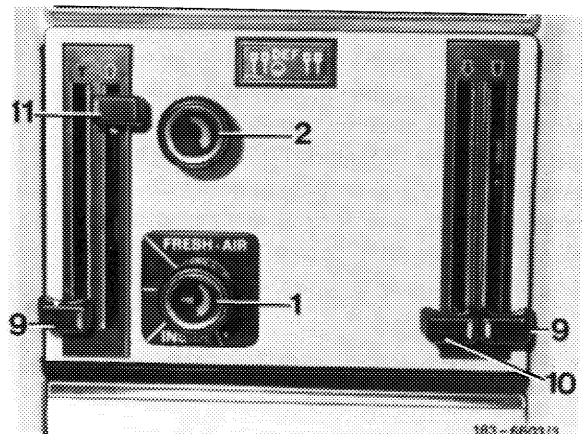
A. Lefthand steering up to 08/81 and righthand steering



- |  |  |   |
|--|--|---|
| <ul style="list-style-type: none"> <li>1 Temperature vacuum switch</li> <li>2 Blower switch</li> <li>3 Lateral ventilation</li> <li>4 Cooling air outlet center</li> </ul> | <ul style="list-style-type: none"> <li>5 Air outlet from defroster nozzle on windshield</li> <li>6 Air outlet in legroom</li> <li>7 Operating lever for lateral ventilation</li> </ul> | <ul style="list-style-type: none"> <li>8 Operating lever for cooling air outlet center</li> <li>9 Operating lever for heater</li> <li>10 Operating lever for air outlet legroom</li> <li>11 Operating lever for air outlet at windshield</li> </ul> |
|--|--|---|

The air conditioning system supplies cooled and dehumidified air for cooling the interior of the vehicle. The system operates with outside air and recirculated air cooling.

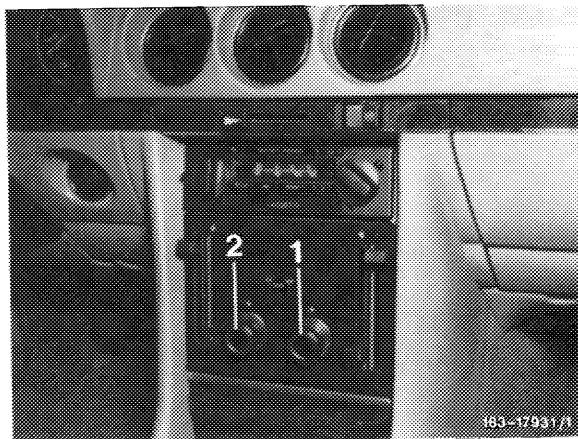
For normal cooling the temperature vacuum switch (1) is set to position „FRESH AIR“. Up to position „INSIDE“ 100 % fresh air will flow through evaporator. For maximum cooling, temperature vacuum switch (1) is set to position „INDSIDE“, so that approx. 80 % of the recirculated air and approx. 20 % of fresh air are guided through evaporator. Operating levers (9) for heater should be set completely down.



1st version control elements

For normal cooling the temperature vacuum switch (1) is set up to mark on blue scale. Up to this position, 100 % fresh air will flow through evaporator. For max. cooling the temperature vacuum switch (1) is set in range between mark and end of blue scale, so that approx. 80 % recirculated air and approx. 20 % fresh air are guided through evaporator. In this stage, the control levers (9) for heating must be set completely down.

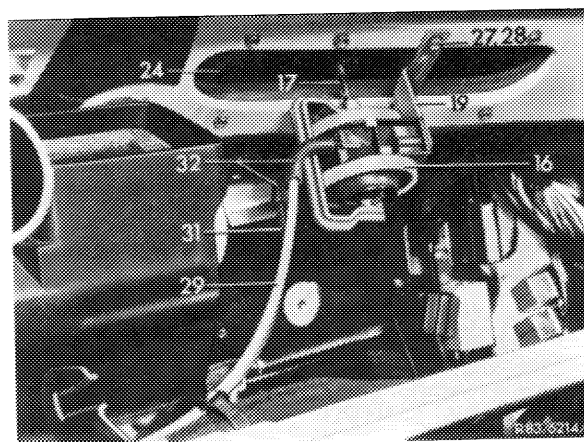
2nd version control elements



The air conditioning system operates only with the engine running. High engine speed provides high speed of refrigerant compressor and thereby increased cooling output. Switching-on of temperature vacuum switch will simultaneously engage the blower (fixed stage). A 4-stage blower switch (2) for increasing and controlling of air volume is located laterally or at the left of temperature vacuum switch (1).

With the recirculated air flaps closed (24, toward interior), with temperature vacuum switch up to position 3/4 refrigerant capacity, fresh air is drawn in from blower through evaporator housing.

With recirculated air flaps opened (to interior starting at 3/4 cooling capacity) approx. 80 % of air inside vehicle is drawn out of legroom and approx. 20 % fresh air through a leak of recirculated air flaps.



The blower forces the air through the evaporator to the heater box. With the center cooling air outlet (operating lever 8 at the left) opened the air will flow directly out of center cooling air outlet (4), a slight share of the air is guided through the heat exchangers to the lateral ventilation outlet (3), the defroster nozzles (5) and the rear compartment and legroom openings (6), if control levers 7, 10 and 11 are open.

The lateral venting and central cooling air outlet (3 and 4) can be adjusted depending on desired volume of outlet air. Outlet openings (5) for defrosting of windshield permit additional cooling of upper vehicle section. The legroom is cooled by means of openings (6) at left and right in cover below instrument panel, which guide the cooled air directly toward floor.

### **Rapid cooling**

For fast cooling of a vehicle interior which has been exposed to extensive solar radiation for some time, open the adjustable air outlet openings (3 and 4).

Set temperature vacuum switch (1) to position „INSIDE“ (1st version) or „max. cooling“ (2nd version) and set blower switch (2) to position 4 (full blower speed). Open windows only until the hot air is gone. Upon cooling down of vehicle interior, set temperature switch (1) so that the desired temperature is attained. In addition, following adequate cooling, all air outlet openings may be opened.

### **Attention!**

Between seasons, when air humidity is high (windows covered with fog inside) the air conditioner can be switched on in addition to vehicle heater. Depending on position of temperature vacuum switch (1) the moisture will be extracted at the evaporator either from the fresh air or from the recirculating air. This cooled-down air can be heated up once again to an agreeable temperature by setting the operating lever (9) for heater accordingly.

**Important: Switch on air conditioning system at least once a month for a short period.**

This is particularly important during the cold season, when the air conditioner is not required. Operation is necessary to lubricate the seal on rotating crankshaft of refrigerant compressor.