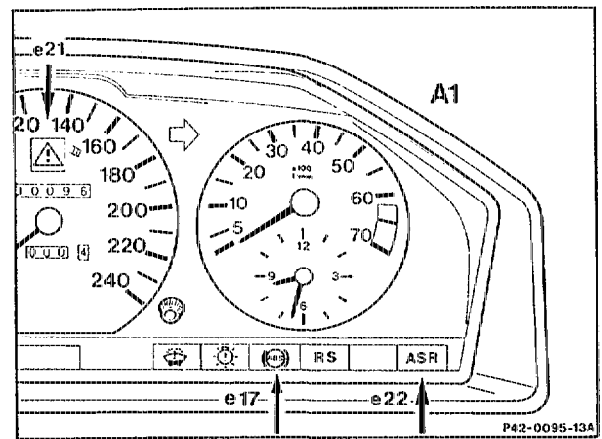


### Indication

If the ASR warning lamp comes on when the engine is running, there is a fault in the ASR or in the electronic accelerator pedal. If ASR is inoperative, the ABS continues to operate. If there is a fault in the electronic accelerator pedal it is possible to continue driving with reduced engine performance (accelerator goes into emergency running mode). The driver notices this due to changes in the force required to operate the accelerator pedal (after a short travel, accelerator is difficult to operate).

If the ASR and ABS warning lamps come on when the engine is running, there is a fault in the ABS, which always causes the ASR to be switched off as well.

In the event of a fault in the ASR which also affects the ABS, both systems are once again switched off.



- A1e17 ABS warning lamp
- A1e21 ASR function indicator lamp
- A1e22 ASR warning lamp

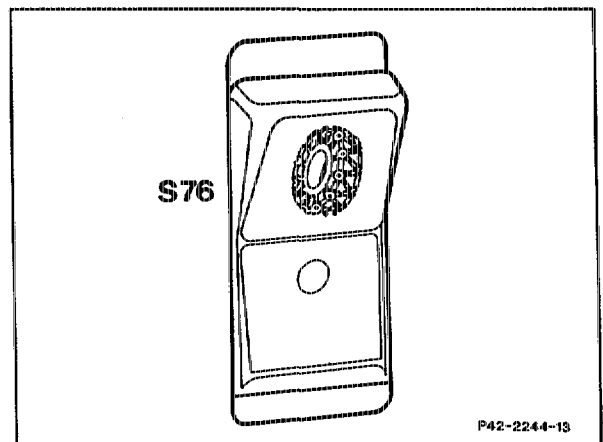
### ASR snow chain switch (S76)

(Snow chain switch)

In deep snow and when snow chains are fitted, the sensitive, stability-oriented control of ASR can have a disadvantageous effect when starting off.

Therefore a special control logic has been programmed in for the starting off range in such situations, which can be selected by the driver via the snow chain switch.

The indicator lamp in the switch comes on when the snow chain switch is operated. After 50 ms continuous ASR control mode a higher drive slip is permitted at the wheels so that the vehicle can bite its way out in the above-mentioned situations.



Since this higher slip would have a negative effect on driving stability particularly at higher speeds, it is limited to the speed range < 40 km/h. The higher drive slip remains stored in memory up to 60 km/h and is automatically brought back into operation when the vehicle speed falls below 40 km/h. If 60 km/h is exceeded the memory is erased and the indicator lamp in the switch goes out.



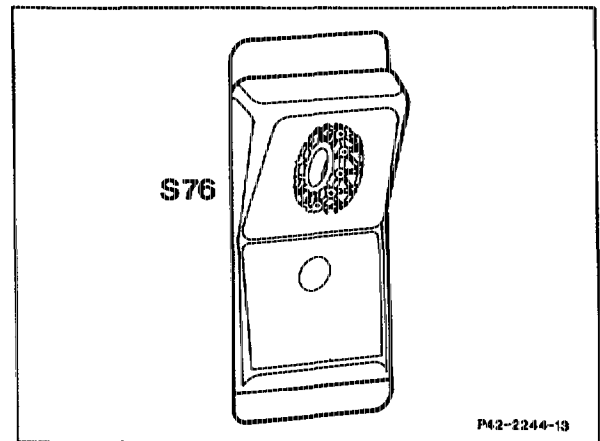
## ASR snow chain switch (S76)

### Snow chain switch

This switch should be operated when driving in deep snow with snow chains fitted.

After the switch has been operated, an indicator lamp in the switch comes on which confirms that a higher slip threshold is preselected in the ABS/ASR control unit.

Operation: Press at the top -- "ON"  
Press at the bottom -- "OFF"

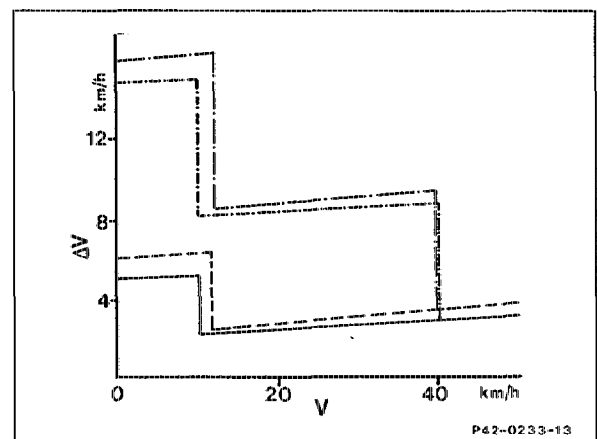


The slip thresholds in the lower speed range < 40 km/h are increased in stages after 50 ms control mode.

At vehicle speeds between 40 and 60 km/h the higher slip threshold is kept stored. If the speed exceeds 60 km/h the slip threshold changeover is erased again.

By increasing the slip thresholds, a higher differential speed between the front and rear wheels is possible. In this way, the vehicle can bite its way out of snow.

Thus maximum propulsion is achieved in deep snow when snow chains are fitted. For reasons of driving stability, this control is only allowed in the speed range up to 40 km/h.



### Slip thresholds

(When both drive wheels skid)

- Brake moment control
- Drive moment control
- · - · - Brake moment control  
Snow chain switch operated
- Drive moment control  
Snow chain switch operated

V = Vehicle speed

ΔV = Differential speed between front and rear wheel