# Mirror functions

Functional description, see BMW Technology:

TIS -> Documents> SI Technology -> 61 10 03 (032)

## Notes on function

The door mirrors are connected to the door modules. The mirror functions

- Mirror adjustment
- Mirror pivoting

are operated from the switch block in the driver's door:

The following options are also available:

- Electrochromic rear-view and door mirrors
- Mirror memory in conjunction with seat memory

### Mirror pivoting

Pay attention to the following function interdependencies:

- The function is disabled at speeds in excess of 20 km/h
- An overheating protection facility disables the mirror pivoting if the function is run continuously for 45 seconds
- To prevent overload of the motors, there is current monitoring. If the mirror is mechanically blocked, mirror pivoting is switched off
- If a mirror is pivoted in or out mechanically, the next push of the button moves both mirror in the ”pivot in” direction. The disengaged mirror drive is activated until the mirror mechanism engages once again. The mirrors are pivoted out again the next time the button is pressed.

### Mirror heating

The mirror heating is active as of terminal 15 On and is controlled depending on the outside temperature and wiper intensity. When the wiper is running, the heat output is increased so as to ensure reliable deicing of the mirror glass.

The mirror heating is switched off under the following conditions:

- Terminal 50 active (load cutoff)
- On-board supply voltage under 10.8 V
- Activation of a memory position

In the case of vehicles with the option independent heating, the door mirrors are also heated during independent heater operation.

### Door mirror memory

In the case of the door mirror memory option, there are additional potentiometers in the mirrors. These register the positions of the mirror glass horizontally and vertically.

## Electrochromic mirror

The electrochromic mirrors have a special mirror glass that automatically when a light source from behind is detected. The sensors for detection of the light incidence from the front and rear are located in the inside mirrors.