

Note:

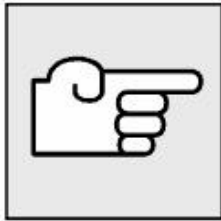
Initialization comprises:

- Normalization
- Learning characteristic curve

The mechanical end positions are recorded and stored during normalization.

The characteristic curve is learnt immediately after normalization.

When the characteristic curve is learnt, the mechanical closing forces of the slide/tilt sunroof are recorded and stored for correct operation of the anti-trapping mechanism.



Note:

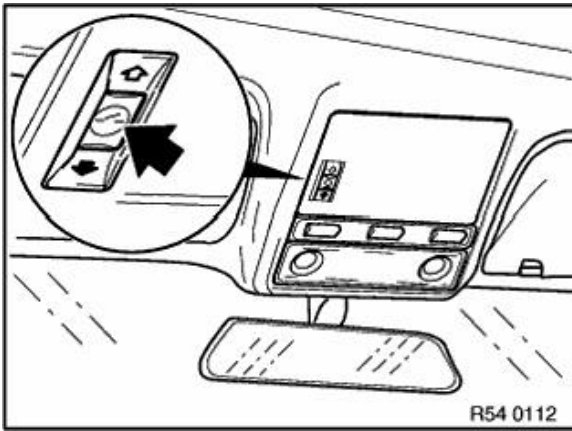
Then carry out an **initialization**:

- if the slide/tilt sunroof has been mechanically moved by means of the emergency actuator
- in the event of malfunctions, e.g. no one-touch function, no opening or no comfort function possible
- after disengagement of the drive unit
- after work is carried out on the mechanism of the slide/tilt sunroof
- after the control unit has been replaced



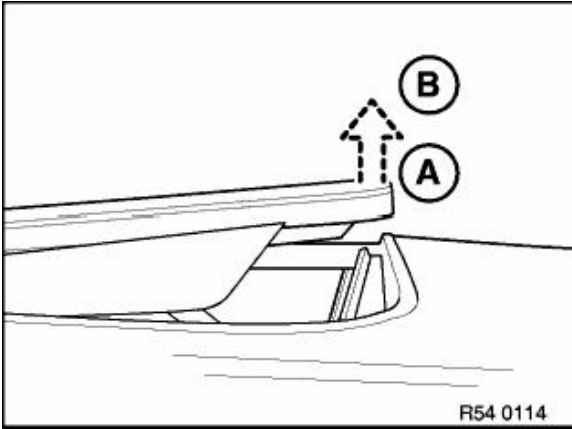
Warning!

There is no anti-trapping protection during initialization.



Normalization:

- Press and hold the switch in the "Lift" direction
- In the event of delayed starting or sudden stopping of the slide/tilt sunroof, continue pressing the switch in the "Lift" direction



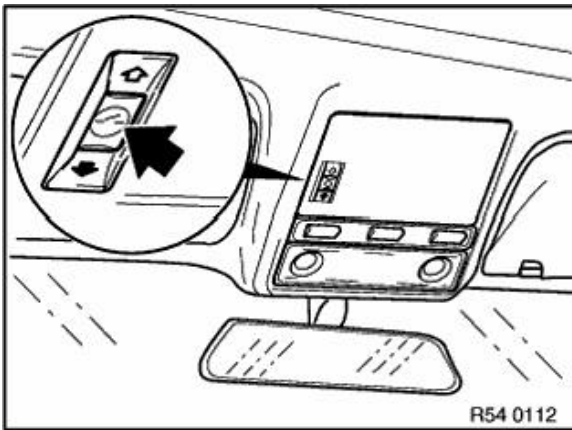
- After reaching the lift end position (A), keep the switch pressed for approx. 15 seconds further
- Normalization is completed when the slide/tilt sunroof in lift end position (A) presses again briefly in the direction of position (B).

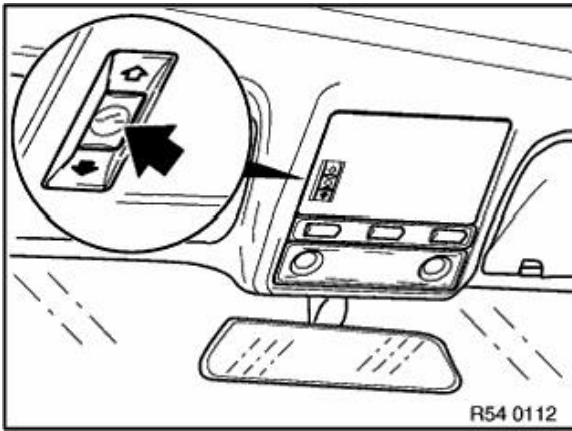
Learning characteristic curve:

E53/E83 panoramic glass sunroof only:

The curve is learnt manually in the following steps:

- After normalization, keep switch pressed in "Lift" direction.
- The slide/tilt sunroof stops for 5 seconds in the final raise position after normalization.
- Floating roofliner closes completely.
- Floating roofliner opens completely.
- The slide/tilt sunroof then moves into the "Closed" position (learning of the "Closing from raising" curve)
- The slide/tilt sunroof then moves into the "Open" end position and immediately back into the "Closed" position (learning of the "Closing" curve)
- Floating roofliner closes completely.
- Release switch.

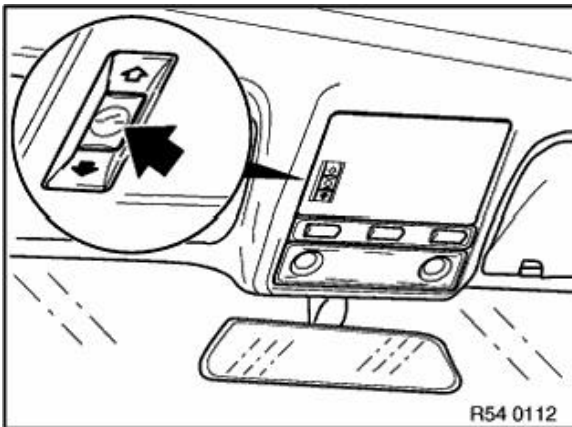




E63 panoramic glass sunroof only:

The curve is learnt manually in the following steps:

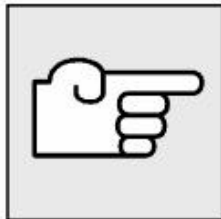
- After normalization, keep switch pressed in "Lift" direction.
- The slide/tilt sunroof stops for 5 seconds in the final raise position after normalization.
- Floating roofliner closes completely.
- Floating roofliner opens completely.
- The slide/tilt sunroof then moves into the "Closed" position (learning of the "Closing from raising" curve)
- Floating roofliner closes completely.
- Release switch



All others:

The curve is learnt manually in the following steps:

- After normalization, keep switch pressed in "Lift" direction.
- The slide/tilt sunroof stops for 5 seconds in the final raise position after normalization. It then moves into the "Closed" position (learning of the "Closing from raising" curve)
- The slide/tilt sunroof then moves into the "Open" end position and immediately back into the "Closed" position (learning of the "Closing" curve)
- Release switch.



Note:

- The entire operation lasts approx. 75 secs.
- Learning of the curve is terminated when the switch is released
- If the switch is released in the meantime, the entire procedure must be repeated
- On completion of successful initialization, the corresponding messages in the check control and the control display go out
- Carry out function check (tip function, anti-trapping protection and, if necessary, comfort function)