

MODEL 163 with CODE (414a) Electric glass sliding/pop-up roof**Function prerequisites**

- D Voltage not too low or too high
- D Switch-on conditions for convenience control fulfilled
- D Sliding/pop-up roof synchronized

Function

There are two methods for opening the sliding roof:

D Infinite positioning

When the **sliding/pop-up roof switch (S13/2)** is actuated continuously, circuit 30 is switched through to the **sliding/pop-up roof motor (M12)**, the sliding roof opens and can be positioned infinitely.

D Sliding roof express open feature

When the **switch (SHD, S13/2)** is actuated momentarily (< 0.3 s), the electronic evaluation circuitry actuates the motor until the end position "Sliding roof open" is recognized by the **position measurement feature**.

- i** If the sliding/pop-up roof is desynchronized, it moves only in the pop-up roof direction each time the **sliding/pop-up roof switch (SHD, S13/2)** is actuated. This means that it is

possible to move to the zero position for synchronizing.

After successful **synchronization**, the sliding/pop-up roof can be controlled again without limitation.

i Vehicles **up to 11.99:**

The power for the **sliding/pop-up roof (M12)** is supplied via a fuse directly to c. 30.

The power for the **switch (SR, S13/2)** is supplied via the **convenience relay (F1k14)**, which is actuated by the all-activity module (AAM, N10).

Vehicles as of 12.99:

The power for the **sliding/pop-up roof (M12)** is supplied via a fuse directly to c. 30. The power for the **switch (SHD, S13/2)** is supplied via a lead to the **extended-activity module (EAM, N10/1)**, this power is switched through only when the switch-on conditions for the convenience control are fulfilled and the EAM is coded accordingly.

	Closing sliding/pop-up roof (SR), function		GF77.20-P-2002GH
	Sliding /pop-up roof (SR) position measurement		GF77.20-P-3001GH
	Synchronizing sliding /pop-up roof (SR), function		GF77.20-P-3002GH
	Sliding /pop-up roof, location/purpose/design/function		GF77.20-P-4100GH
	Convenience control		GF72.29-P-2002GH
	All-activity module (AAM)	up to 11.99	GF54.21-P-4100GH
	Extended-activity module, location/purpose/design/function	as of 12.99	GF54.21-P-4107GK