## 21 00 ... Breaking in SAC clutch

Break in SAC clutches moderately to ensure correct operation.

## Caution!

Fast sports driving maneuvers destroy new clutches!

Such maneuvers include:

- Driving maneuvers with high speed differentials
- Overlapping gearshifts with high speed differentials (slipping clutch)
- Very high starting speeds (e.g. when driving onto a transporter)

Comply with the following procedure when breaking in the new clutch:

- Break in friction linings with light to medium loads (observe breaking-in program)
- Normal driving with many "moderate" gearshifts
- Starting speeds on the level up to approx. 2000 rpm
- Specific breaking-in program on gentle gradients
- Starting speeds on a medium gradient up to approx. 2500 rpm (e.g. when driving onto a transporter)

This procedure helps to create a carbon layer between lining and metal friction surface which generates the required coefficient of friction.

Breaking-in program:	•	At approx. 30 km on roads	
(specially for M5 and Z8)	•	Shift through gears often	Starting speed max. 2000 rpm
	•	Upshifts	1>2>3>4>5
	•	Downshifts at 2000 rpm	5>4>3>2>1
	•	Upshifts and downshifts	at 3500-4000 rpm
	•	3 to 5 times starting on gentle gradient (up to approx. 12 %)	Starting speed max. 2500 rpm

## Note:

Experience shows that approx. 800 to 1000 gearshifts are required for an optimally broken-in lining when a car is driven "normally" (advise customer).