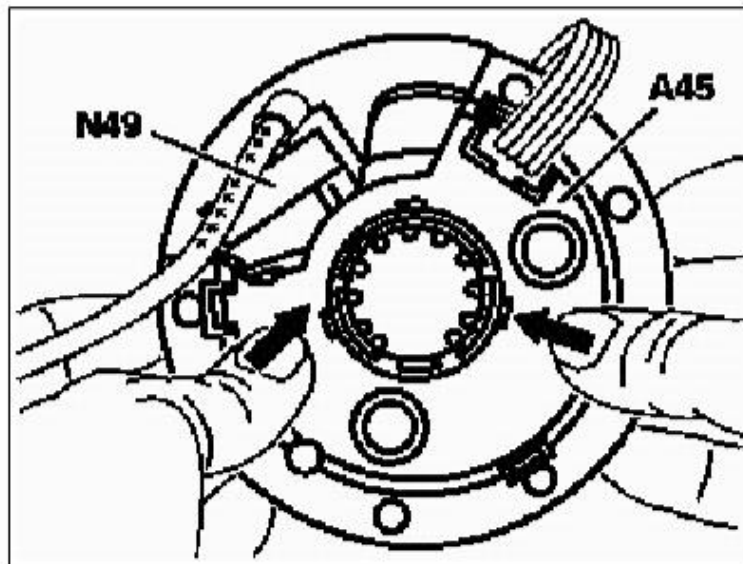


1

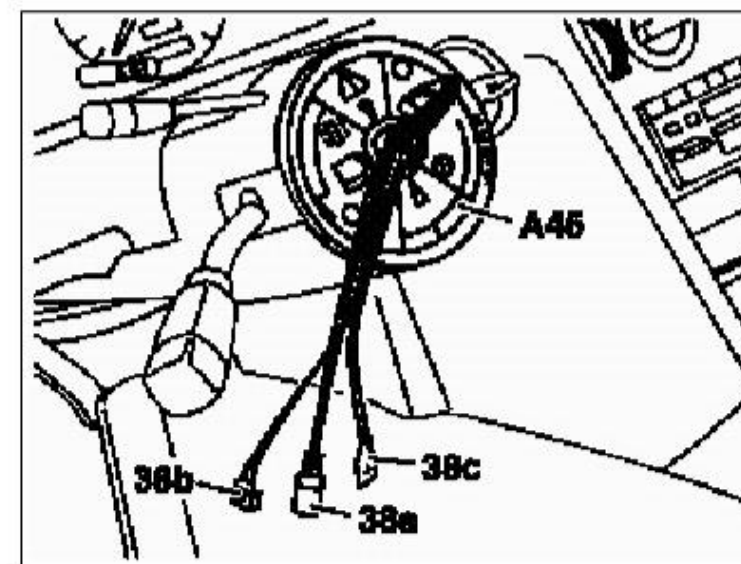


A45 Clock spring
contact



N49 *Steering angle sensor*

P46.10-0226-01



A45 *Clock spring contact*

P46.10-0209-01

	Steering angle sensor, position	The steering angle sensor (N49) is attached to the jacket tube together with the contact spiral (A45).	
	Steering angle sensor, task	Operating on optical principles, the task of the steering angle sensor (N49) is to sense the steering angle specified by the driver and to transmit it to the connected systems.	
	Steering angle sensor, design		GF42.45-P-4600-04A
	Steering angle sensor, function		GF42.45-P-4600-02A

Digital sensor with 9 light-emitting diodes (a) for photoelectric barrier measurement. The steering angle sensor consists of 2 microprocessors forming a single unit together with one signal ring. The signal ring accommodates the 9 light-emitting diodes (a) at equal intervals. These are located in a photoelectric barrier duct which is traversed by 8 blades (b) of various lengths. The photoelectric barriers are located in the upper part of the contact spiral (A45) and the two components must be assembled (clipped together) to form the complete functional unit of the optical steering angle sensor (N49).

A45 Clock spring contact
N49 Steering angle sensor
a Photoelectric barrier LED
b Blade

