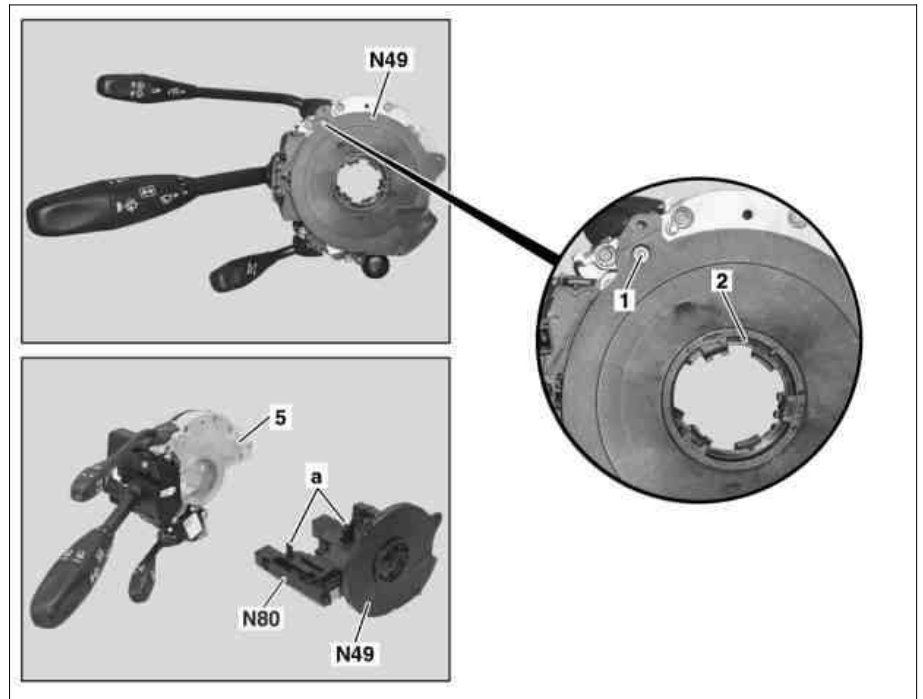


MODEL 164

- 1 Screw
- 2 Inner race
- 5 Carrier plate
- a Retaining lug

N49 Steering angle sensor
 N80 Steering column module



P46.10-2627-06

Modification notes

25.11.08	Perform initialization of DTR control unit after replacing steering column tube module, added	Step 6	
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	Remove/install		
i	Steering column tube module (N80) and steering angle sensor (N49) form one component and can only be replaced together where necessary		
1	Remove clock spring contact		AR46.10-P-0200GZ
2	Remove bolt (1)		
3	Unclip retaining lugs (a) of steering column module (N80) from carrier plate (5)		
4	Pull steering column module (N80) out of carrier plate (5)	<p>i Installation: Check basic position of steering angle sensor (N49) (observe arrows on steering angle sensor (N49) and inner race (2). If the steering angle sensor (N49) twists, move the steering angle sensor (N49) into the center position before installing it again:</p> <p style="text-align: center;">↓</p> <p>Turn inner race (2) of steering angle sensor (N49) counterclockwise as far as the limit stop (turn gently against the limit stop, risk of damage), then turn clockwise approx. two revolutions until the arrows on the steering angle sensor (N49) and inner race (2) match up.</p>	
5	Install in the reverse order		
6	Perform initialization of DTR control unit with STAR DIAGNOSIS	After replacing steering column tube module (N80) on vehicles with code (219) DISTRONIC (DTR)	