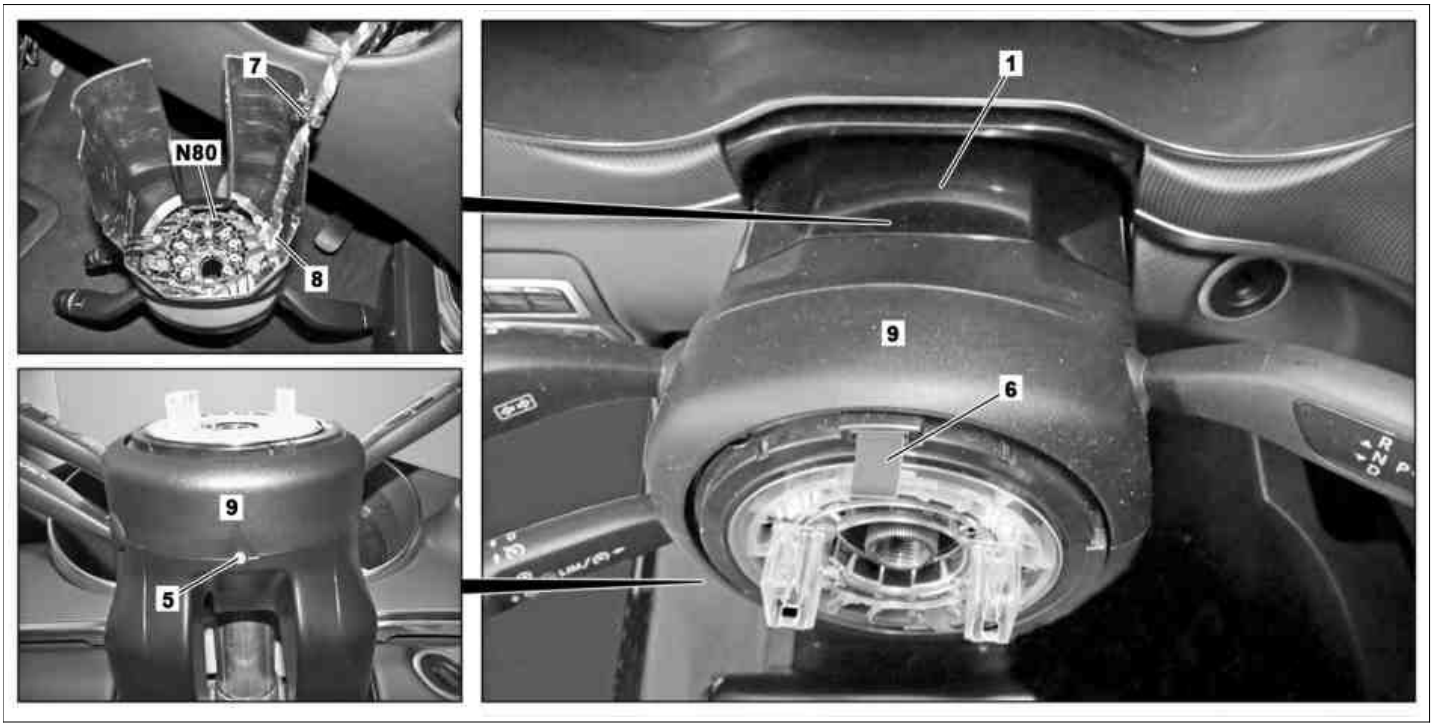
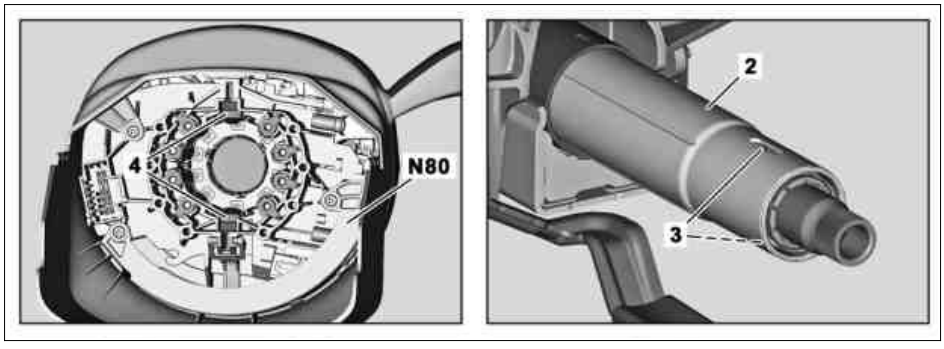
Model 447, 448



S54.25-4530-09

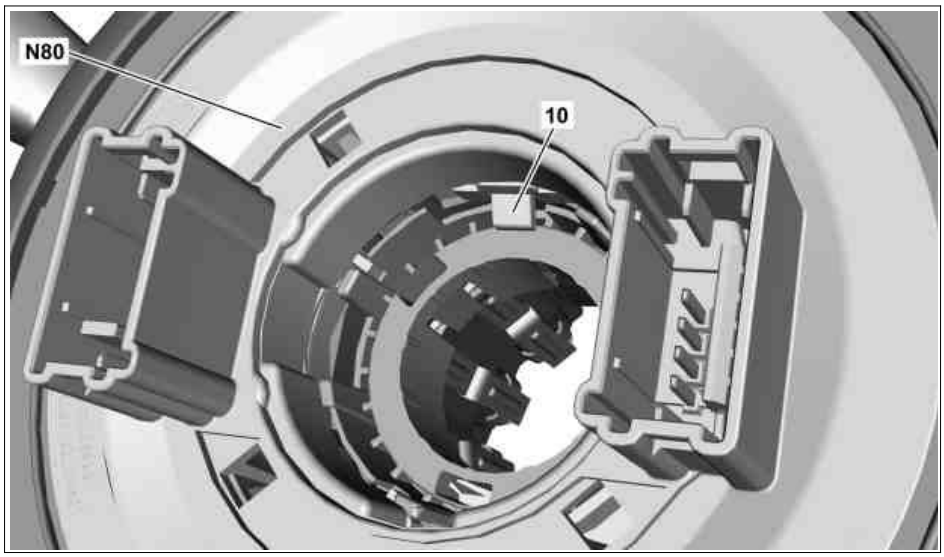
1 *Panel*
5 *Assembly display*
6 *Shipping insert*
7 *Mounting clip*
8 *Electrical connector*
9 *Steering column module*
N80 *Steering column tube module (MRM) control unit*



2 *Steering column tube*
3 *Cutouts*
4 *Retaining springs*
N80 *Steering column tube module (MRM) control unit*

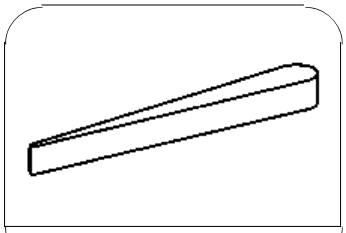
S54.25-4529-04

10 *Safety lock*
N80 *Steering column tube module (MRM) control unit*



S54.25-4564-05

	Notes on carrying out repair work in the vehicle interior		AH68.00-N-0001-01S
	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
	Remove/install		
1	Remove steering wheel	The front wheels must be in the straight-ahead position.	AR46.10-S-0100E
2	Unclip cover (1) from steering column tube module (9)	Do not remove cover (1). Long wedge	*115589035900
3	Pull steering column tube module (9) rearwards out of cutouts (3) and remove steering column tube module (9) from steering column tube (2)	The red safety lock (10) on the steering column tube module (MRM) control unit (N80) holds the clock spring contacts in the center position and therefore it may not unlocked when removing and installing the steering column tube module (9). Otherwise the clock spring contact will be destroyed. **Installation:** When the safety springs (4) are in the correct installation position, the assembly indicator (5) is retracted. If the steering column tube module (9) is replaced. ↓ After positioning the steering column tube module (9) on the steering column tube (2), break off transport protection (6).	
4	Unclip retaining clip (7) with electrical line from steering column tube module (9)		
5	Detach electrical connection (8) and remove steering column tube module (9)		
6	Install in the reverse order		
7 AD	Initialize DISTRONIC electric controller unit using diagnostic system	Model 447, 448 with code ET4 (DISTRONIC PLUS) When replacing steering column tube module (9).	AD00.00-S-2000-04E
	Check		
8	Run function check of components in steering column tube module (9) and steering column tube module (MRM) control unit (N80)		



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Long wedge