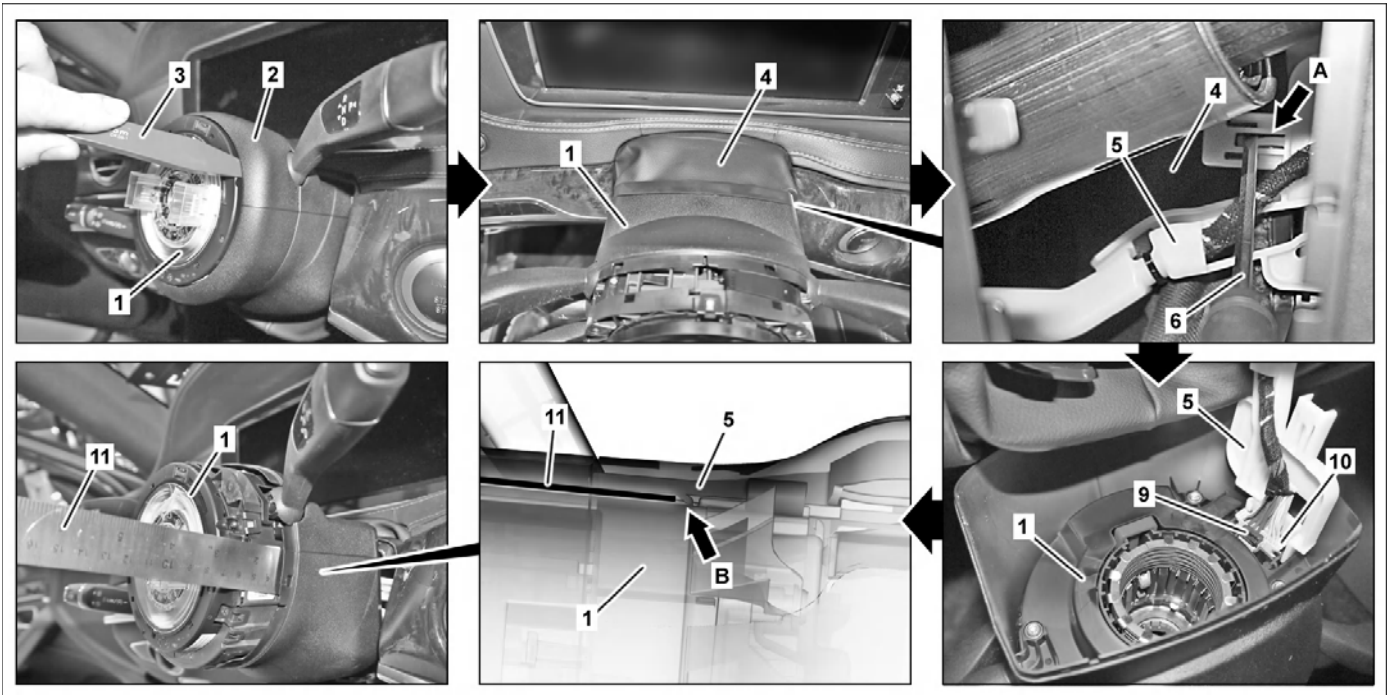


MODEL 217, 222



P54.25-9286-09

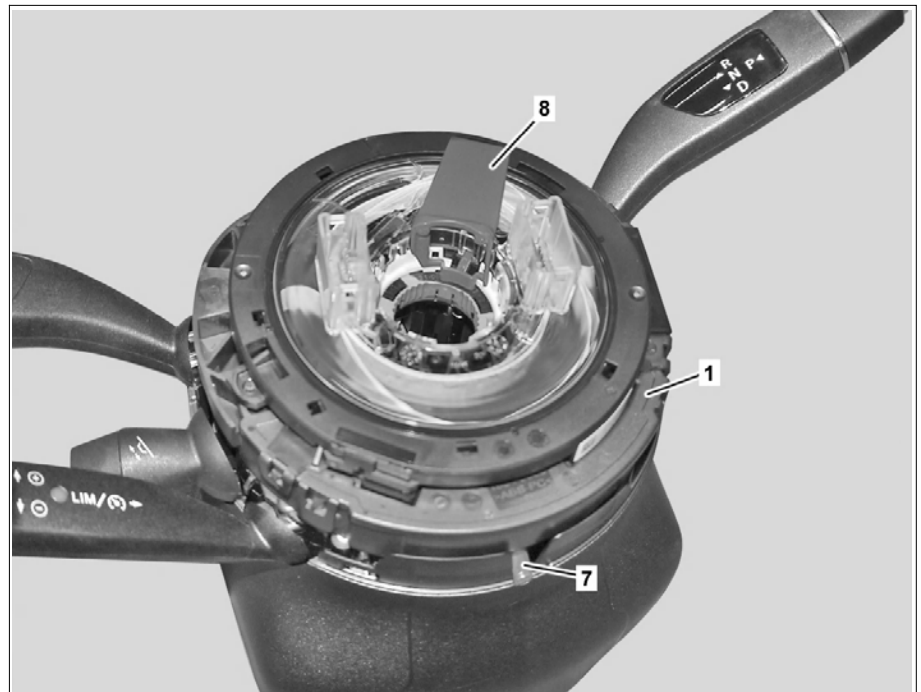
Shown on model 222

- 1 Steering column module
- 2 Cover
- 3 Clip remover

- 4 Steering column tube cover
- 5 Cable duct
- 6 Screwdriver

- 9 Locking clip
- 10 Electrical connector
- 11 Metal straightedge

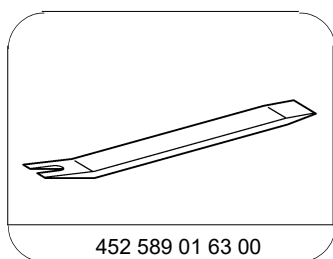
- 1 Steering column module
- 7 Assembly display
- 8 Shipping insert



P54.25-9287-06

	Information on preventing damage to electronic components due to electrostatic discharge	AH54.00-P-0001-01A
	Remove/install	

1	Perform initial startup of steering column tube module (1) Connect STAR DIAGNOSIS and read out fault memory	Only when replacing steering column tube module (1).	AD00.00-P-2000-04B
2	Move steering wheel all the way to the rear		
3	Remove steering wheel		AR46.10-P-0100LF
4	Unclip cover (2) from steering column tube module (1)	<p>ⓘ Position the clip remover (3) (as shown) and unclip the cover (2) carefully. Otherwise, the cover (2) may be damaged.</p> <p>ⓘ Cover (2) not available as replacement part.</p> <p>ⓘ Clip remover</p> <p>If cover (2) damaged:</p> <p style="text-align: center;">↓</p> <p>Replace steering column tube module (1).</p>	*452589016300
5	Unclip cover for steering column tube (4) by hand from steering column tube module (1)		
6	Pull steering column tube module (1) toward rear until cable duct (5) is accessible	<p>ⓘ Do not operate the red safety catches in the steering column tube module (1). Otherwise irreparable damage will be caused to the fanfare horns and airbag clock spring contact.</p> <p>ⓘ Installation: When the steering column tube module (1) is in the correct installation position, the assembly indicator (7) is retracted.</p> <p>If the steering column tube module (1) is replaced:</p> <p style="text-align: center;">↓</p> <p>Break off transport lock (8) after assembly.</p>	
7	Release cable duct (5) using a suitable screwdriver (6) (arrow A) and unclip from steering column tube cover (4)		
8	Remove retaining clip (9) and disconnect electrical connector (10)	ⓘ The retaining clip (9) is destroyed and must be replaced.	
9	Using a metal straightedge (11) (as shown), release catch hook (arrow B) on cable duct (5) and unclip cable duct (5) from steering column tube module (1)	ⓘ The metal straightedge (11) must not be wider than 20 mm.	
10	Remove steering column tube module (1) from steering column tube	ⓘ The steering column tube module (1) contains the fanfare horns and airbag clock spring contact, the steering wheel angle sensor, the steering column tube module control unit, the DIRECT SELECT lever and the switch units. It is one component and can only be removed or replaced complete.	
11	Install in the reverse order		



452 589 01 63 00

Clip remover