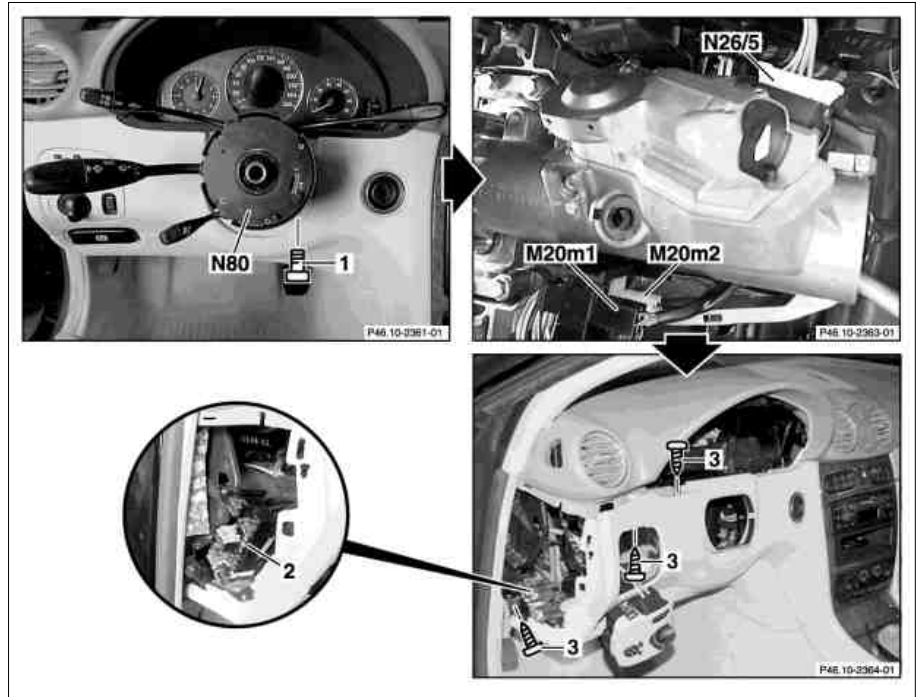


MODEL 209

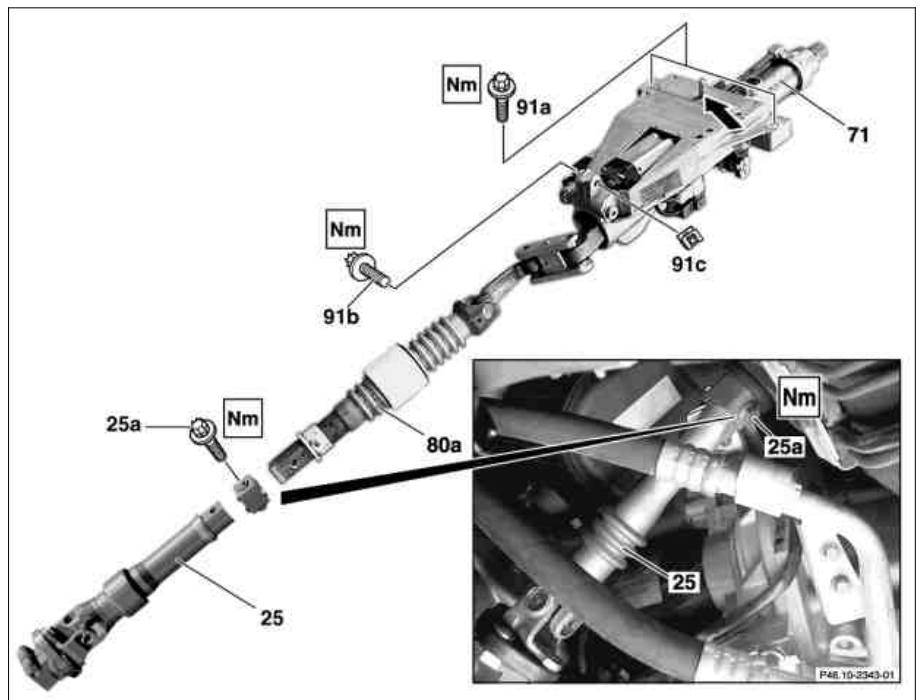
Electrically adjustable steering column tube

- 1 Screw
- 2 Fuse carrier
- 3 Bolts, instrument panel-lower section
- M20m1 Fore/aft adjustment motor
- M20m2 Up/down longitudinal adjustment motor
- N26/5 Electric steering lock control unit
- N80 Steering column module



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- 25 Steering coupling
- 25a Bolt, steering coupling to steering shaft
- 71 Jacket tube
- 80a Lower steering shaft
- 91a Upper bolts of steering column adjustment
- 91b Lower bolt of steering column adjustment
- 91c Cage nut



















P46.10-2362-06

Modification notes

16.5.06	"Disconnect/connect battery ground line" removed		
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	Remove/install		
Danger!	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between the columns of the lifting platform and position the four support plates at the lifting platform support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
Installation	Replace self-locking nuts and bolts.		
1	Extend the adjustable steering column fully	Needed for separating the steering coupling (25).	

2	Position steering wheel horizontal (front wheels in straight-ahead position)	 On a disengaged steering coupling (25) the steering wheel should not be turned because the spiral contact coil will be destroyed.	
3	Remove engine compartment paneling		AR61.20-P-1105P
4	Remove bolt securing steering coupling to steering shaft (25a)	 Nm	*BA46.10-P-1001-01E
5	Pull the lower steering shaft (80a) upward to extract it from the steering coupling (25.)	 Do not apply excessive force (hammer blows, excessive lever action) because the lower steering shaft (80a) is sensitive to lateral loads.  Installation: Push the lower steering shaft (80a) all the way into the steering coupling (25), observing the pin on the steering coupling (25) and slot in the lower steering shaft (80a).  Installation: If the rack-and-pinion steering is positioned incorrectly, it must be centered again. Refer to ↓ Turn rack-and-pinion steering to center position and mount steering coupling	AR46.20-P-0600-01P
 Danger!	Risk of injury caused by performing testing or repair work on airbag or emergency tensioning retractor units.	Store airbag unit with deployment face up, do not subject to temperatures above 100 °C. When working on these units, disconnect the power supply.	AS91.00-Z-0001-01A
6 	Remove steering wheel Notes on performing repair, body work and welding on vehicles with airbags and ETR units		AR46.10-P-0100P AH91.00-P-0002-01M
7	Loosen bolt (1) of steering column module (N80)		
8	Remove steering column tube module (N80) complete with combination switches and clock spring contacts	 With a powerful pull detach steering column tube module (N80) from the steering column.  Secure clock spring contact with pin to prevent it from turning. The cutout () is located at approx. 4 o'clock on the clock spring contact. The pin is included in the clock spring contact repair kit.	
9	Remove instrument cluster		AR54.30-P-6015P
10	Remove cover beneath dashboard (left)		AR68.10-P-1500P
11	Remove absorber (foam balls) on left-hand side below dashboard	 Removal: Pay attention to the installation position of the absorber.	
12	Unscrew fuse carrier (2)		
13	Unhook parking brake Bowden cable		
14	Take out parking brake release lever		
15	Remove bolt of light switch module	 The bolt is located in the recess of the parking brake release lever.	
16	Disconnect electrical connector of light switch module		
17	Unclip and remove light switch module	 Compress the two spring clasps (on left and right) of light switch module.	
18	Remove bolts from instrument panel lower section (3)		
19	Disconnect connector of electric steering lock control unit (N26/5)		
20	Disconnect connectors of fore/aft longitudinal adjustment motor (M20m1) and up/down longitudinal adjustment motor (M20m2)		
21	Remove bolt of reinforcement brace to steering column tube (71)		
22	Loosen reinforcement brace on body and swing to one side		
23	Remove lower bolt connecting steering column adjustment (91b) to body	 Nm	*BA46.10-P-1001-03M
24	Remove upper bolts connecting steering column adjustment (91a) to body	 Installation: Fit upper steering column adjustment bolts (91a) (it must still be possible to move the steering column tube (71)). First tighten upper steering column adjustment bolts (91a).  Nm	*BA46.10-P-1002-03M
25	Pull steering column tube (71) with lower steering shaft (80a) downwards	 Until the lug (see arrow) of the steering column adjustment has moved out of the guide bore.	

26	Push the steering column tube (71) with lower steering shaft (80a) downwards and place to left		
27	Remove steering column tube (71)	<p>i Pull down the instrument panel lower section carefully and remove steering column tube (71).</p> <p>i Installation: Fix ball joint between steering column tube (71) and lower steering shaft (80a) in place using adhesive tape (facilitates installation).</p>	
28	Install in the reverse order		
29	Grease rubber boot on inside front of the firewall in area of the bearing seat	Klueber Polylub GLY 801 grease	*BR00.45-Z-1046-06A

Nm **Steering shaft**

Number	Designation	Model 209		
BA46.10-P-1001-01E	Bolt, steering coupling to steering shaft	Stage 1	Nm	30
		Stage 2	°	-

Nm **Jacket tube**

Number	Designation	Model 209	
BA46.10-P-1001-03M	Lower bolt, jacket tube to cross member below instrument panel	Nm	20
BA46.10-P-1002-03M	Upper bolt, jacket tube to cross member below instrument panel	Nm	20

Repair materials

Number	Designation	Order number
BR00.45-Z-1046-06A	Klueber Polylub GLY 801 grease	A 001 989 84 51