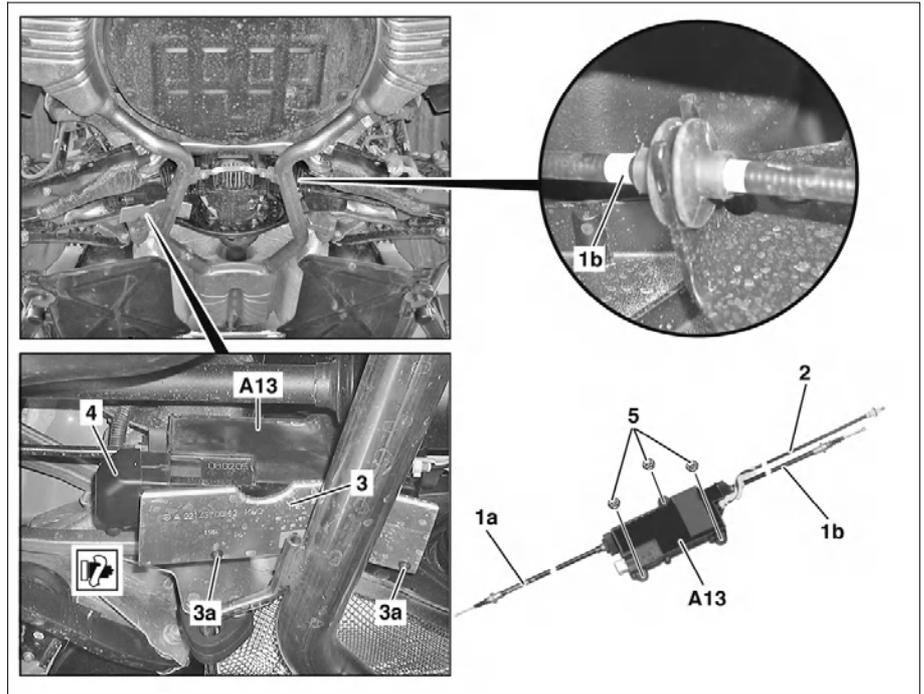


MODEL 216

MODEL 221

- 1a, 1b Brake cable  
 2 Mechanical release cable  
 3 Heat shield  
 3a Screw  
 4 Cover  
 5 Nut

A13 Electric parking brake control unit



P42.20-2317-06

## Modification notes

1.9.10	"Perform brake test on test bench" reference changed	Test sequence augmented/revised	
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	Remove/install		
<b>Danger!</b>	<b>Risk of death</b> caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between columns of vehicle lift and position four support plates at vehicle lift support points specified by vehicle manufacturer.	AS00.00-Z-0010-01A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
		<p> The electric parking brake controller unit (A13) may only be removed and installed together with the brake cables (1a, 1b) and the manual release cable (2). The brake cables (1a, 1b) may <b>not</b> be detached from the electric parking brake controller unit (A13) which has been <b>installed</b>.</p> <p>The mechanical release cable (2) must <b>not</b> be detached from the electric parking brake controller unit (A13) otherwise it will be damaged.</p>	
1	Use STAR DIAGNOSIS to bring the brake cables (1a, 1b) into the assembly position		
2	Remove rear wheels		AP40.10-P-4050SX
	<b>Clean</b>		
3	Clean the electrical connector and the area around it on the controller unit (A13)		
4	Remove cover (4) of electrical connector from the electric parking brake controller unit (A13)		
5	Release and disconnect electrical connector on the electric parking brake controller unit (A13)		
6	Remove rear brake disks		AR42.10-P-0220SX
7	Unhook brake cables (1a, 1b) from the wheel carriers		AR42.20-P-0525-03SX
8	Remove fender liner in right rear fender		

9	Detach and expose manual release cable (2) from the filler neck recess in the right-hand rear fender		AR42.20-P-0590-01SX
10	Unhook rubber grommet of the right-hand brake cable (1b) from the right-hand bearing bracket		
11	Remove bolts (3a) and remove heat shield (3)		
12	Unscrew nuts (5) and remove electric parking brake controller unit (A13) with brake cables (1a, 1b) and remove manual release cable (2)	Nm	*BA42.20-P-1001-01K
13	Install in the reverse order		
14	Adjust parking brake		AR42.20-P-0540SX
15	Commission control unit of the electric parking brake controller unit (A13) using STAR DIAGNOSIS, added	When replacing the electric parking brake controller unit (A13)  i Run through the following steps: Select menu item "suspension" - "EFB-electric parking brake" - "commissioning" - "commissioning with manual adjustment of the control unit". Then process all the individual steps.	
	<b>Checking</b>		
 <b>Danger!</b>	<b>Risk of death</b> caused by <b>limbs being caught</b> or <b>crushed</b> by rotating parts when performing tests on the brake test stand	Never leave the vehicle unattended on the rollers except in an emergency. Ensure that no one is under the vehicle or near rotating parts during testing. In case of emergency, use the EMERGENCY STOP switch to shut down test stand.	AS42.00-Z-0001-01A
16	Carry out brake test on the test stand		AP42.00-P-4290BA

**Nm** Parking brake

Number	Designation		Model 216	Model 221
BA42.20-P-1001-01K	Nut, electric parking brake controller unit to bracket	Nm	7	7