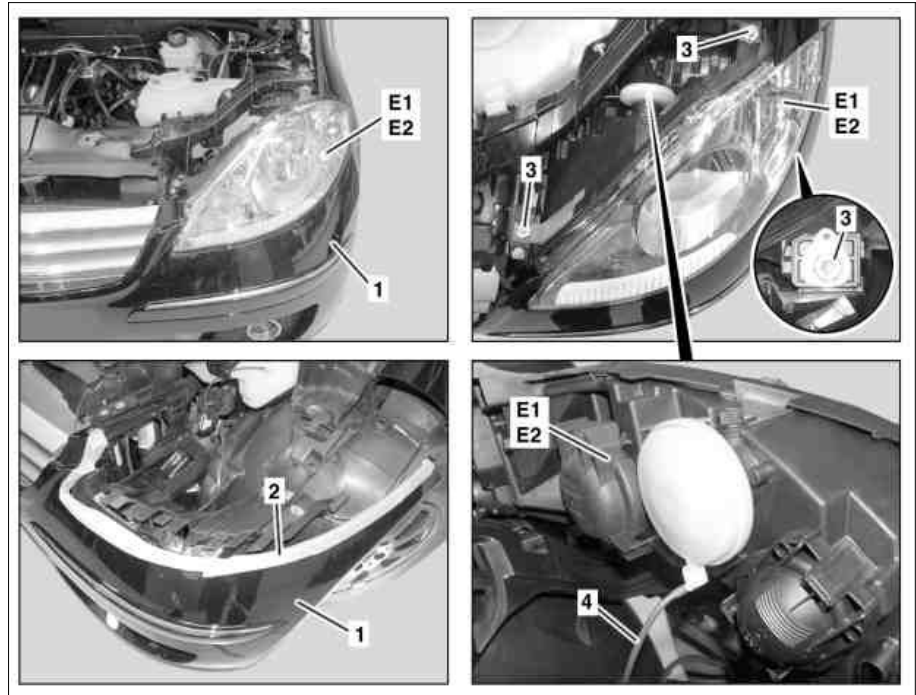


## Shown on model 169.0

- 1 Front bumper  
 2 Adhesive tape  
 3 Bolt  
 4 Pneumatic line for headlamp range adjustment (without code (614) Bi-xenon headlamp unit or model 245.2 without code (615) Bi-xenon headlamp unit with integrated curve illumination)

- E1 Left front headlamp unit  
 E2 Right front headlamp unit






P82.10-3786-06

## Modification notes

19.12.06	STAR DIAGNOSIS for replacing bi-xenon headlamps inserted	Step 1	
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	Remove/install		
1	Buffer basic data of xenon headlamp control unit in STAR DIAGNOSIS	Only when replacing lamp unit with code (614) Bi-xenon headlamp unit or model or code (615) Bi-xenon headlamp unit with integrated curve illumination <b>i</b> <b>Installation:</b> Transfer buffered basic data from STAR DIAGNOSIS to new xenon headlamp control unit.	
AD	Connect STAR DIAGNOSIS and read out fault memory		AD00.00-P-2000-04AK
2	Remove transmitter key from electronic ignition switch control unit	Only on vehicles with code (614) Bi-xenon headlamp unit or code (615) Bi-xenon headlamp unit with integrated curve illumination.	
3	Open engine hood and secure against falling down		
4.1	Remove front bumper (1).	Only when removing left front lamp unit (E1) and right front lamp unit (E2). Model 169.0/3 Model 245.2	AR88.20-P-2000AK AR88.20-P-2000BK
4.2	Detach front bumper (1).	Only when removing left front lamp unit (E1) or right front lamp unit (E2). <b>i</b> When removing the left front lamp unit (E1), detach front bumper (1) on left, or, when removing the right front lamp unit (E2), detach the front bumper (1) on right side of vehicle. Model 169.0/3 Model 245.2 <b>i</b> <b>Installation:</b> Adjust gap dimensions on front bumper (1). Refer to: ↓ Model 169.0  Model 169.3 	AR88.20-P-2000-01AK AR88.20-P-2000-01BK  AR60.00-P-0700-01AK *BE60.00-P-1001-01N *129589032100 AR60.00-P-0700-01AL *BE60.00-P-1001-01N *129589032100

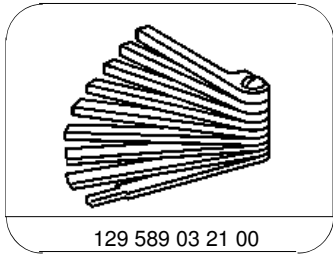
		Model 245.2	AR60.00-P-0700-01BK *BE60.00-P-1001-01Q *129589032100
			
5	Pull front bumper (1) in area of left front lamp unit (E1) or right front lamp unit (E2) forward slightly and attach adhesive tape (2), as shown to front bumper (1)	Only when removing left front lamp unit (E1) or right front lamp unit (E2).   Adhesive tape (2) for protection against damage to front bumper (1).	
6	Remove bolts (3)		
7	Disconnect electrical connectors on left front lamp unit (E1) or right front lamp unit (E2)	 Number of electrical connectors differs according to configuration.	
8	Detach pneumatic line for headlamp range adjustment (4) on left front lamp unit (E1) or right front lamp unit (E2)	Only for vehicles without code (614) Bi-xenon headlamp unit or model 245.2 without code (615) Bi-xenon headlamp unit with integrated curve illumination	
9	Remove left front lamp unit (E1) and right front lamp unit (E2) from vehicle		
10	Install in the reverse order		
11	Check adjustment of the left front lamp unit (E1) and the right front lamp unit (E2) and correct, if necessary. Check and correct headlamp adjustment		AP82.10-P-8260AK

### Test and adjustment values for gap dimensions

Number	Designation	Model 169.0	Model 169.3		
BE60.00-P-1001-01N	Gap dimension	Engine hood to fender	Dimension "A" mm	4.0 (±1)	4.0 (±1)
		Engine hood to headlamp	Dimension "B" mm	4.0 (±1)	4.0 (±1)
		Headlamp to fender	Dimension "C" mm	4.0 (±1)	4.0 (±1)
		Engine hood to bumper	Dimension "D" mm	5.0 (+2.5)	5.0 (+2.5)
		Headlamp to bumper	Dimension "E" mm	3.0(±1)	3.0(±1)
		Fender to A-pillar	Dimension "F" mm	3.0(±1)	3.0(±1)
		See picture		AR60.00-P-0700-01AK	AR60.00-P-0700-01AL

### Test and adjustment values for gap dimensions

Number	Designation	Model 245.2		
BE60.00-P-1001-01Q	Gap dimension	Engine hood to fender	Dimension "A" mm	4.0 (±1)
		Engine hood to headlamp	Dimension "B" mm	4.0 (±1)
		Headlamp to fender	Dimension "C" mm	4.0 (±1)
		Engine hood to bumper	Dimension "D" mm	6.0 (-1.5/+2)
		Headlamp to bumper	Dimension "E" mm	4.0 (±1)
		Engine hood to A-pillar	Dimension "F" mm	4.0 (±1)
		See picture		AR60.00-P-0700-01BK



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Feeler gauge