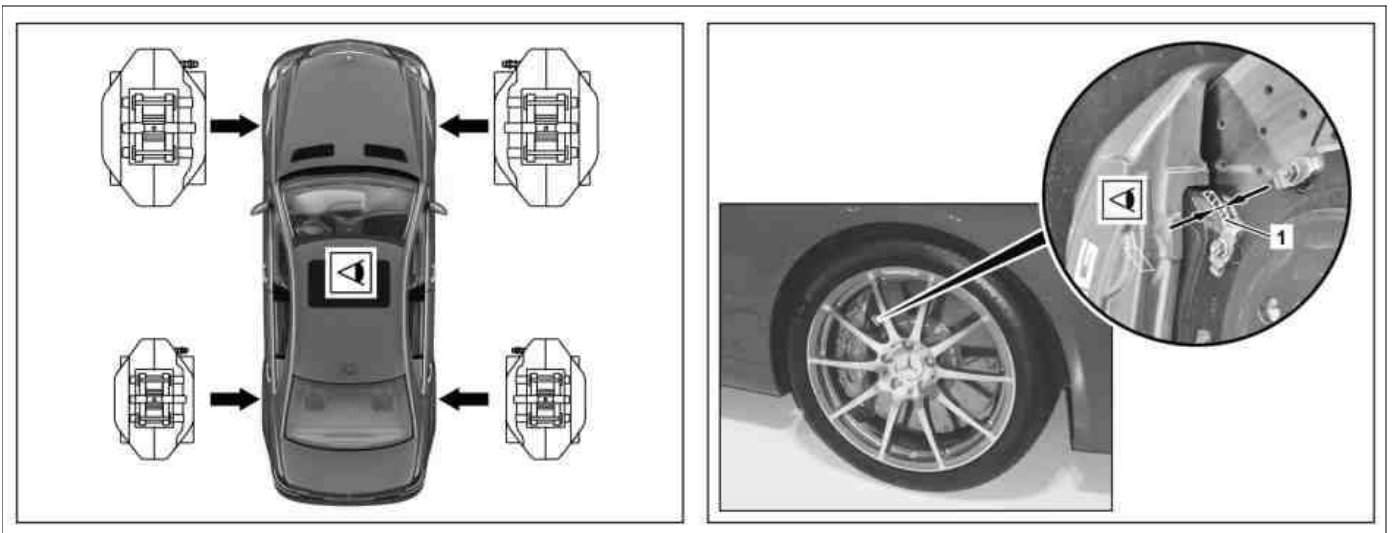


Model 166

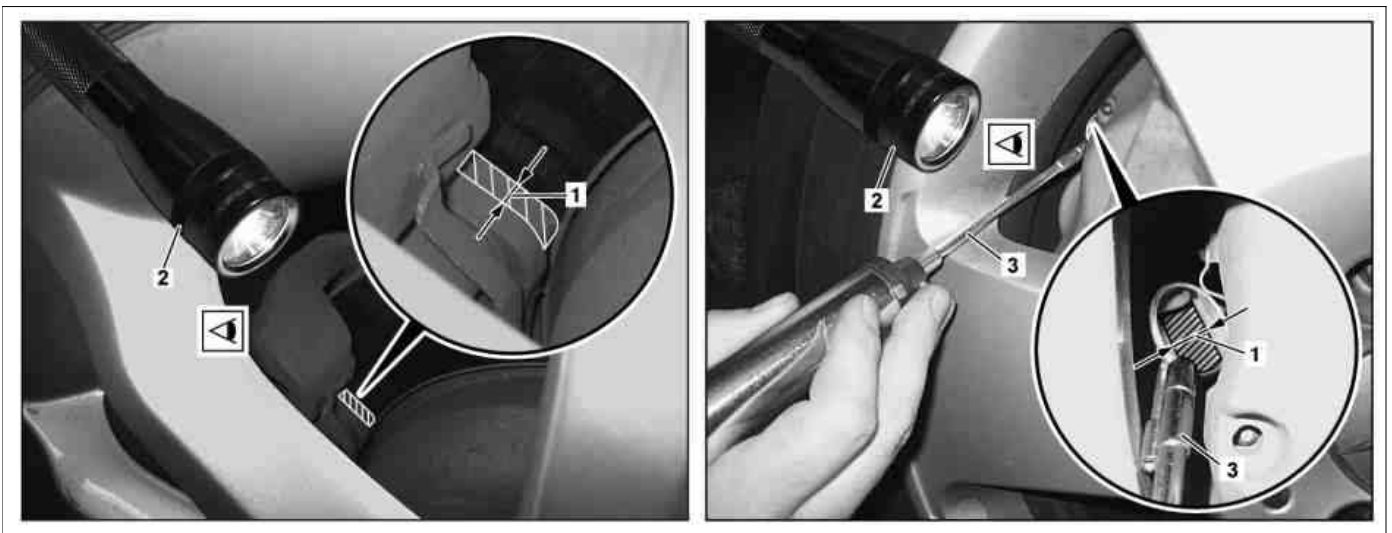
Modification notes

09.06.2015	Brake pad	Model 166.003/004/006/023/024/055/056/057/058/ 062/063/064/073/823/824/856/864/871/872/ 873	BE42.10-P-1001-15Q
09.06.2015	Bremsbelag	Typ 166.003/004/006/023/024/055/056/057/058/ 062/063/064/073/823/824/856/864/871/872/ 873	BE42.10-P-1001-15Q
09.06.2015	Brake pad	Model 166.074/075/874/875	BE42.10-P-1001-15Q
09.06.2015	Bremsbelag	Typ 166.074/075/874/875	BE42.10-P-1001-15Q








P42.10-2945-08

1 Lining thickness



P42.10-2946-08

	Check		
 Warning	Risk of injury. Skin or eye injuries may result when handling hot or glowing objects.	Wear protective gloves, protective clothing and safety glasses, if necessary.	AS00.00-Z-0002-01A
	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between vehicle lift columns and position the four support plates at the vehicle lift support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
	Notes on repairs to brake system		AH42.00-P-0003-01A
1	Assess lining thickness (1) of brake linings on front axle	<p> If necessary, use flashlight (2) or mirror (3). The thickness of the pad backing plate can be used as a guide when assessing lining thickness (1).</p> <p>Front axle Brake lining</p> <p>If, in exceptional cases, assessment by means of visual inspection is not possible:</p> <p style="text-align: center;">↓</p> <p>Detach wheel and tire assemblies and inspect them, subject to separate repair order.</p>	<p>*BE42.10-P-1001-05P</p>
2	Assess lining thickness (1) of brake linings on rear axle	<p> If necessary, use flashlight (2) or mirror (3). The thickness of the pad backing plate can be used as a guide when assessing lining thickness (1).</p> <p>Rear axle Brake lining</p> <p>If, in exceptional cases, assessment by means of visual inspection is not possible:</p> <p style="text-align: center;">↓</p> <p>Detach wheel and tire assemblies and inspect them, subject to separate repair order.</p>	<p>*BE42.10-P-1001-15Q</p>
3	Determine likely remaining distance of brake linings	<p> If the wear limit for the brake linings is reached, the brake linings must be replaced subject to separate repair order. Otherwise the braking effect may be impaired and people, property and environmental damage may result!</p> <p> Per axle, the brake pad with the least lining thickness (1) is to be used for determining the likely remaining distance.</p> <p>In order to avoid an unscheduled workshop visit between services, it is necessary to determine the remaining distance of the present brake linings. If the remaining distance determined is smaller than the next service interval, premature brake pad replacement should be recommended to the customer.</p>	<p>AP42.10-P-4253-03EW</p>

Check values for front brake lining

Number	Designation		Model 166.003/004/023/024/055/057/058 except code 494 (US version) Model 166.006/056/064/075 except code 494 (US version) except code P31 (AMG Line exterior) except code Z04 (Light armoring) except code Z05 (B5 armoring on special protection version) Model 166.062/823/824/856/862 except code 494 (US version) except code P31 (AMG Line exterior)	Model 166.003/004/023/024/055/057/058/062 with code 494 (US version) Model 166.823/824/856/862 with code 494 (US version) except code P31 (AMG Line exterior)	
BE42.10-P-1001-05P	Brake lining	Brake lining, new	mm	13,80	12,00
		Pad backing plate	mm	6,50	6,50
		Wear limit	mm	2,00	2,00
		Activation of wear indicator (if installed)	mm	2...3	2...3

Check values for front brake lining

Number	Designation		Model 166.006/056/064/075 with code Z04 (Light armoring) Model 166.006/056/064/075 with code Z05 (B5 armoring on special protection version) Model 166.056/062/064/075/823/824/856 with code P31 (AMG Line exterior) except code 494 (US version) Model 166.063/864 with code Z04 (Light armoring) except code 494 (US version) Model 166.063/864 with code Z05 (B5 armoring on special protection version) except code 494 (US version) Model 166.073/872/873 except code 494 (US version) Model 166.871	Model 166.006/064/075 with code 494 (US version) except code Z04 (Light armoring) except code Z05 (B5 armoring on special protection version) Model 166.056 with code 494 (US version) except code P31 (AMG Line exterior) except code Z04 (Light armoring) except code Z05 (B5 armoring on special protection version)	
BE42.10-P-1001-05P	Brake lining	Brake lining, new	mm	13,80	14,00
		Pad backing plate	mm	4,50	6,50
		Wear limit	mm	2,00	2,00
		Activation of wear indicator (if installed)	mm	2...3	2...3

Check values for front brake lining

Number	Designation	Model 166.056/823/824/856 with code 494 (US version) with code P31 (AMG Line exterior) Model 166.063/073/864/872 /873 with code 494 (US version)	Model 166.074/874/875
BE42.10-P-1001-05P	Brake lining	Brake lining, new mm	12,00
		Pad backing plate mm	9,75
		Wear limit mm	6,00
		Activation of wear indicator (if installed) mm	2,00
		2...3	2...3

Check values for rear axle brake lining

Number	Designation	Model 166.003/004/006/023 /024/055/056/057/05 8/062/063/064/073/8 23/824/856/862/864/ 871/872/873	Model 166.074/075/874/87 5
BE42.10-P-1001-15Q	Brake lining	Brake lining, new mm	12
		Pad backing plate mm	10
		Wear limit mm	6
		Wear indicator activated (if installed) mm	2
		2...3	2...3