

ENGINE 112.945 in MODEL 463.209 /232 /233 /244 /245 /250

ENGINE 113.962 in MODEL 463.206 /240 /241 /247 /248 /249 /254

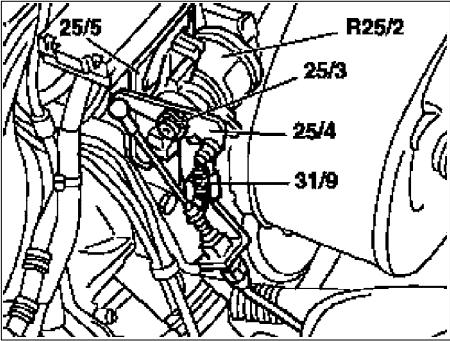
ENGINE 606.964 in MODELS 463.308 /330 /331

ENGINE 628.962 in MODEL 463.309 /332 /333







ENGINE 113.982 in MODEL 463.243 /246

Shown on model 463 with engine 606.964

- 25/3 Lock washer
- 25/4 Relay lever with integral spacer sleeve
- 25/5 Fixed lever
- 31/9 Retracting spring
- R25/2 Set value sensor



P30.10-0269-01

 	Remove, Install		
1	Detach restoring spring (31/9)		
2	Press off lock washer (25/3)	 Installation: Pay attention to correct seating.	
3	Pull off relay lever with integrated spacer sleeve (25/4)	 Do not detach throttle cable.	
4	Disconnect electrical connector		
5	Unbolt accelerator pedal position sensor (R25/2) from fixed lever (25/5)		
6	Install in the reverse order		
7	Inspect throttle control, adjust if necessary	 Engine 606.964.	AR30.10-P-1010FA
		 Engines 112.945113.962/ 982// 628.962	AR30.10-P-1010GV

ENGINE 112.945 in MODEL 463.209 /232 /233 /244 /245 /250
 ENGINE 113.962 in MODEL 463.206 /240 /241 /247 /248 /249 /254
 ENGINE 612.965 in MODEL 463.322 /323
 ENGINE 628.962 in MODEL 463.309 /332 /333
 ENGINE 113.982 in MODEL 463.243 /246
 ENGINE 612.966 in MODEL 461.302 /332 /342 /345

Shown on engines 112.945, 113.962 up to 30.11.00

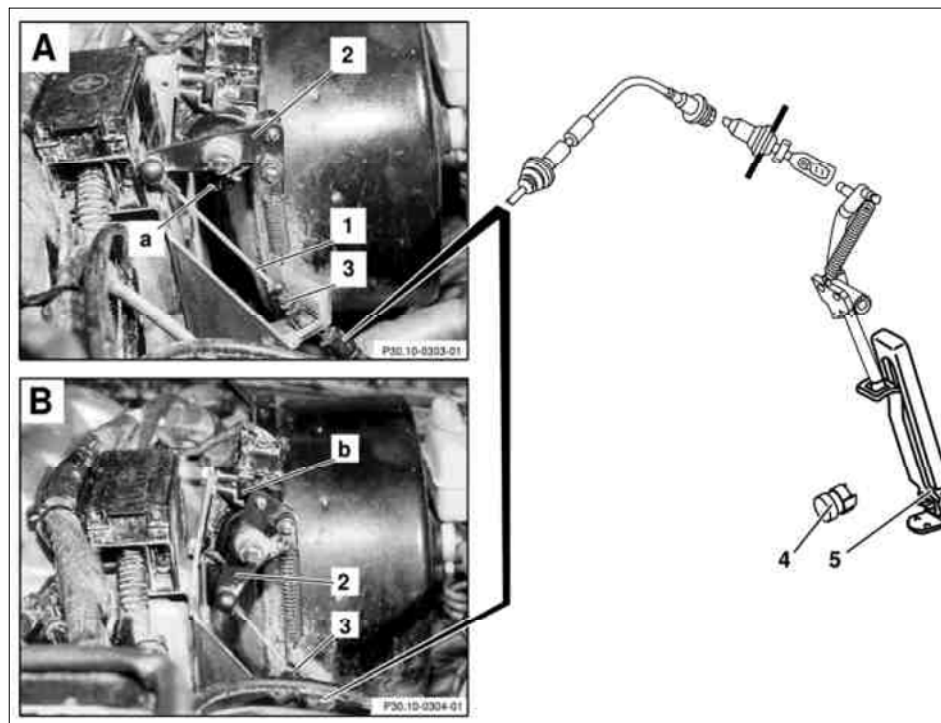
- 1 Control cable
- 2 Position sensor relay lever
- 3 Adjustment screw
- 4 Kickdown switch
- 5 Accelerator pedal

Fig. A Closed throttle position

a Closed throttle stop







Fig. B Wide open throttle position

b Wide open throttle stop



P30.10-0302-06

1.1	Connecting hand-held tester (HHT)	i Except Model 461.302/332/342/345, 463.243/244/245/246/247/248/249/250/254/309/322/323/332/333 refer to Diagnosis Manual Engine Index 0.	
2	Check easy running and condition of position sensor relay lever (2) and throttle control cable (1)	i Replace parts if necessary.	
	Adjusting		
3	<p>Idle speed</p> <p>The position sensor relay lever (2) must be resting against the closed throttle stop (a) when no pressure is applied to the accelerator pedal</p>	<p>i Except Model 461.302/332/342/345, 463.243/244/245/246/247/248/249/250/254/309/322/323/332/333 HHT must indicate 0%.</p> <p>i Model 461.302/332/342/345, 463.243/244/245/246/247/248/249/250/254/309/322/323/332/333 See ~</p> <p>i STAR DIAGNOSIS Stored faults which may be caused by disconnecting cables or by simulation during removal and installation or test operations, must be processed and erased in the fault memories after completing the work.</p>	
AD	Connect STAR DIAGNOSIS and read out fault memory		AD00.00-P-2000-04A *WE58.40-Z-1013-06A
4	Turn adjusting screw (3) sufficiently, until position sensor relay lever (2) is resting against closed throttle stop (a) and there is no further free travel present at the accelerator pedal	i The ball head for attaching the throttle control cable at the position sensor relay lever (2) must not be tensioned.	
5	<p>Full throttle</p> <p>Depress accelerator pedal (5) far enough until it is making contact with the kickdown switch (4)</p>	i Do not operate the kickdown switch.	

6	Turn adjusting screw (3) until position sensor relay lever (2) is resting against wide open throttle stop (b)	<p> Do not overstress the throttle control cable.</p> <p> Except Model 461.302/332/342/345, 463.243/244/245/246/247/248/249/250/254/309/322/323/332/333 The HHT must indicate 100%.</p> <p> Model 461.302/332/342/345, 463.243/244/245/246/247/248/249/250/254/309/322/323/332/333 See "</p> <p> STAR DIAGNOSIS Stored faults which may be caused by disconnecting cables or by simulation during removal and installation or test operations, must be processed and erased in the fault memories after completing the work.</p>	
 AD	Connect STAR DIAGNOSIS and read out fault memory		AD00.00-P-2000-04A *WE58.40-Z-1013-06A
	Inspect		
7	Check full throttle and closed throttle positions		
8	Grease throttle control cable with anticorrosion grease		*BR00.45-Z-1007-06A

Workshop equipment/MB testers (see Workshop Equipment Manual)

WE58.40-Z-1013-06A	Diagnostic system STAR DIAGNOSIS, compact passenger vehicle, order number 6511 1801 00
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Repair products

Number	Designation	Order number
BR00.45-Z-1007-06A	Anticorrosion grease	001 989 37 51 10