

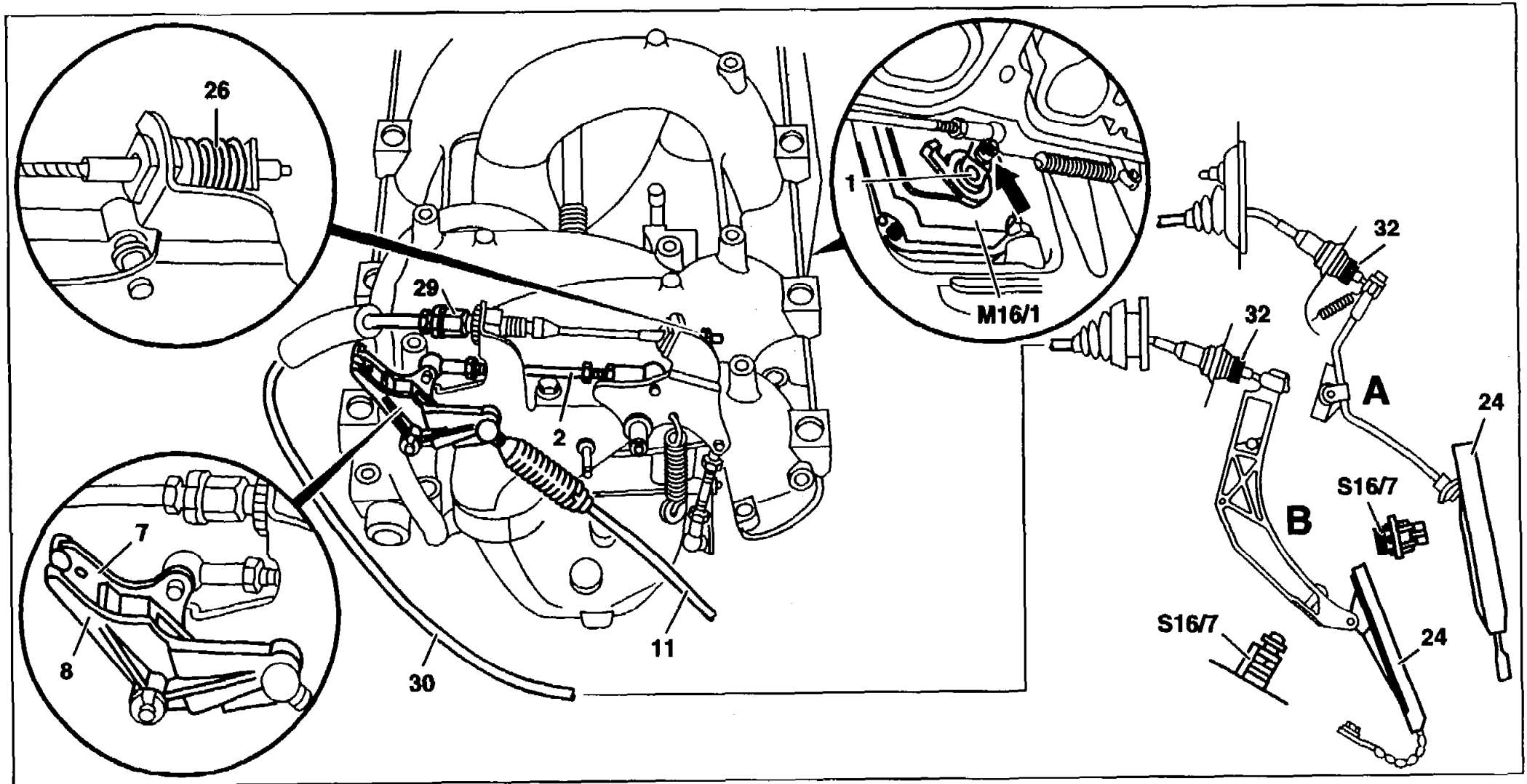
M5

AR30.10-P-1010EA

Adjusting accelerator control

11.8.94





ENGINE 119.97 with CODE (471a) acceleration slip regulation (ASR)





<b>A</b>	<b>Model 124</b>	<b>11</b>	<b>Control pressure bowden cable</b>	<b>32</b>	<b>Adjusting nut</b>
<b>B</b>	<b>Model 129, 140</b>	<b>24</b>	<b>Accelerator pedal</b>	<b>S16/7</b>	<b>Kickdown switch</b>
<b>1</b>	<b>Bell crank</b>	<b>26</b>	<b>Follower spring</b>	<b>M16/1</b>	<b>Electronic accelerator (EA) actuator</b>
<b>2</b>	<b>Connecting rod</b>	<b>29</b>	<b>Adjusting screw</b>	<b>Arrow</b>	<b>Closed throttle stop</b>
<b>7</b>	<b>Lever</b>	<b>30</b>	<b>Bowden cable</b>		
<b>8</b>	<b>Bell crank</b>				

	<b>Testing</b>		
	<b>Ignition: OFF</b>		
<b>1</b>	Check that bowden cable (30) and accelerator control rods operate freely and are in proper condition	replace, if necessary	
<b>2</b>	Detach connecting rod (2) at one end		
<b>3</b>	Examine closed throttle stop	bell crank must be resting against closed throttle stop (arrow) of accelerator pedal (EA) actuator (M16/1) (stop audible)	
<b>4</b>	Attach connecting rod (2) at one end		
	<b>Adjusting control pressure bowden cable (11)</b>		
<b>5.1</b>	Turn connecting rod (2)	<b>LHS</b> When the control pressure bowden cable is attached, the tips at the bell crank (8) and lever (7) must be exactly opposite each other. Lock nuts at the ball sockets.	<b>BE30.10-P-1001-01C</b>

 BT	Bell crank for right-hand steering/left-hand steering standardized		BT30.10-P-0001-01A	<b>D18</b>
5.2	Turn connecting rod	<b>RHS</b>	AR30.10-P-1010-01E	<b>O16</b>
 BT	Bell crank of right-hand steering/left-hand steering standardized		BT30.10-P-0001-01A	<b>D18</b>
	<b>Adjusting wide open throttle</b>			
6	Ignition: ON	 The ignition must be switched on otherwise the throttle valve will not be at WOT		
7	With the ignition switched off, depress accelerator pedal (24) from interior of car as far as the stop at the kickdown switch (S16/7) (do not operate kickdown switch!)	Bell crank (1) must be resting against WOT stop of electronic accelerator actuator (M16/1) (stop audible); alter position of adjusting nut (29), if necessary.  If the accelerator control linkage is operated from the engine compartment when the ignition is switched on, the control module (EA) will switch to emergency running mode and a fault will be stored in the fault memory. Read fault memory.		
	<b>Adjusting closed throttle position</b>			
8	Check closed throttle stop	Follower spring (26) at the bowden cable must be making contact without any play; alter position of adjusting screw (32), if necessary.		



9	Grease bowden cable (30) between end pieces and guide piece with anti-corrosion grease		BR00.45-P-1007-06A
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**Test data of accelerator control**

Number	Designation	Engine 119.97
BE30.10-P-1001-01C	Length of connecting rod (LHS) mm	134
BE30.10-P-1002-01C	Length of connecting rod (RHS) mm	66

**Repair product**

Number	Designation	Order number
BR00.45-P-1007-06A	Anti-corrosion grease	001 989 37 51 10