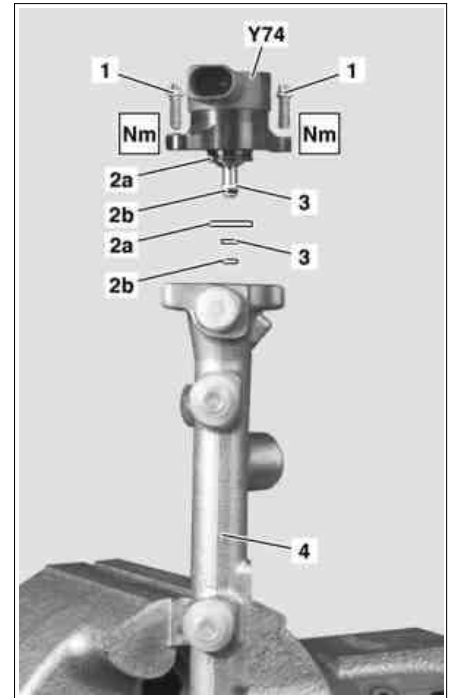








- ENGINE 611.960 in MODEL 202.133 /134 /193 /194
- ENGINE 611.961 in MODEL 210.006 /007 /206 /606
- ENGINE 611.962 in MODEL 203.004 /204 /006 /206
- ENGINE 612.961 in MODEL 210.016 /216 /616
- ENGINE 612.962 in MODEL 203.016 /216
- ENGINE 612.963 in MODEL 163.113
- ENGINE 613.961 in MODEL 210.026 /226
- ENGINE 613.960 in MODEL 220.026
- ENGINE 628.960 in MODEL 220.028 /128
- ENGINE 612.965 in MODEL 463.322 /323
- ENGINE 628.962 in MODEL 463.309 /332 /333
- ENGINE 628.963 in MODEL 163.128
- ENGINE 612.966 in MODEL 461.302 /331 /332 /342 /345
- ENGINE 612.967 in MODEL 209.316

- 1 Bolt
- 2a Sealing ring
- 2b Sealing ring
- 3 Support ring
- 4 Rail
- Y74 Pressure control valve



P07.16-2606-03

	Removing		
Danger!	Risk of explosion caused by fuel igniting, risk of poisoning caused by inhaling and swallowing fuel and risk of injury to eyes and skin caused by contact with fuel	No fire, sparks, open flames or smoking. Only pour fuels into suitable and appropriately marked containers. Wear protective clothing when handling fuel.	AS47.00-Z-0001-01A
1.1	Remove rail (4)	Engine 611, 612, 613 In order to detach and attach the pressure regulator valve (Y74) the rail (4) must always be removed. Correct fitting of the pressure regulating valve is not ensured in the installed condition.Y74	AR07.03-P-1010HB
1.2	Remove valve block	Engine 628.960/962 Engine 628.963 In order to detach and attach the pressure regulator valve (Y74), the valve block must always be removed. Correct fitting of the pressure regulating valve is not ensured in the installed condition.Y74	AR07.03-P-1020M AR07.03-P-1020MA
2	Clamp rail (4) or the valve block vertically in the vise	Use protective jaws for the vise in order to avoid damage to the rail (4) or the valve block.	
3	Remove pressure regulator valve (Y74)	Start by removing bolts (1). Allow escaping fuel to drain into a suitable container.	
	Install		
4	Clean sealing surfaces		

5	Lightly grease new seals (2a, 2b) with special grease before installing pressure regulator valve (Y74)	 The new sealing rings (2a, 2b) and the new support ring (3) must not be damaged during installation otherwise internal leakage will occur which cannot be recognized from outside.  The sealing rings (2a, 2b) and the support ring (3) must always be replaced.	*BR00.45-Z-1036-06A
6	Install pressure regulator valve (Y74).	 Tighten bolts (1) in stages.  	*BA07.16-P-1005-01A *BA07.16-P-1004-01C
7.1	Install rail (4)	Engine 611, 612, 613	AR07.03-P-1010HB
7.2	Install valve block	Engine 628.960/962 Engine 628.963	AR07.03-P-1020M AR07.03-P-1020MA
 Danger!	Risk of accident caused by vehicle starting off by itself when engine is running. Risk of injury caused by contusions and burns during starting procedure or when working near the engine as it is running	Secure vehicle to prevent it from moving by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
8	Check fuel system for leaks with engine running		

 **Common rail diesel injection (CDI)**

Number	Designation		Engine 611.960/961	Engine 611.962	
BA07.16-P-1005-01A	Bolt connecting pressure regulator valve to rail	Stage 1	Nm	3	3
		Stage 2	Nm	5	5

 **Common rail diesel injection (CDI)**

Number	Designation		Engine 612.961/963	Engine 612.962/967	
BA07.16-P-1005-01A	Bolt connecting pressure regulator valve to rail	Stage 1	Nm	3	3
		Stage 2	Nm	5	5

 **Common rail diesel injection (CDI)**

Number	Designation		Engine 612.965/966	Engine 613.960/961	
BA07.16-P-1005-01A	Bolt connecting pressure regulator valve to rail	Stage 1	Nm	3	3
		Stage 2	Nm	5	5

 **Common rail diesel injection (CDI)**

Number	Designation	Engine 628.960/962/963

BA07.16-P-1004-01C	Bolt, pressure control valve to valve block	Stage 1	Nm	3
		Stage 2	Nm	5

Repair materials

Number	Designation	Order number
BR00.45-Z-1036-06A	Special grease	A 001 989 42 51 10