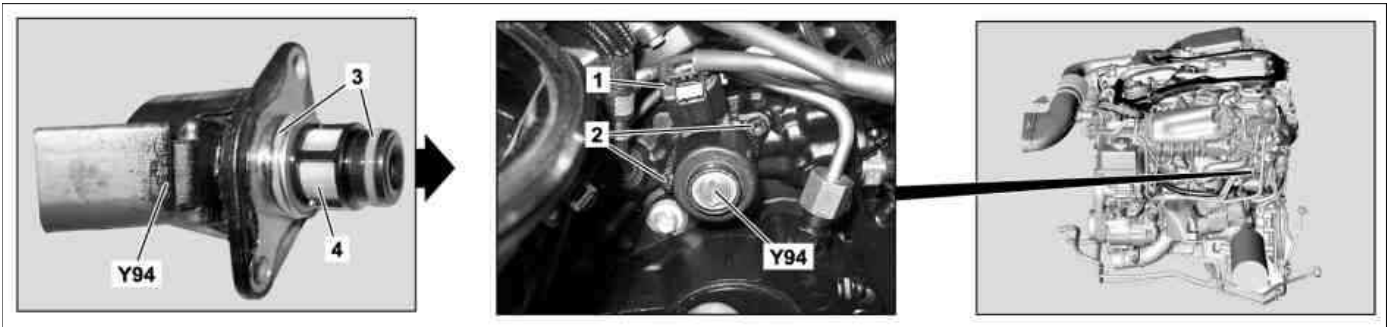


MODEL 166, 172, 204, 207, 212, 218, 221 with ENGINE 651





P07.03-2238-07

- 1 Electrical connector  
2 Bolts  
3 Sealing rings

- 4 Fuel filter  
Y94 Quantity control valve

	Remove/install			
	<b>Danger !</b>	<b>Risk of explosion</b> caused by fuel igniting. <b>Risk of injury</b> to skin and eyes caused by fuel spraying out at high pressure	Keep all ignition sources out of hazard area. Do not carry out any work on system when it is pressurized.	AS07.16-Z-0001-01A
		Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
		Notes about Common-Rail components		AH07.16-P-0002-01TX
1	Remove throttle valve actuator			AR09.41-P-1321CD
2	Clean high pressure pump in the area of quantity control valve (Y94) with cold cleaning solvent and dry with compressed air	Depending on installation position, use an absorbent, lint-free cloth to collect any fuel that runs out. Vacuum up any particles, like paint, from around hole. Cold degreasing agent/cold cleaning solvent HAKU 1025-920		*BR00.45-Z-1051-04A
3	Disconnect electrical connector (1)			
4	Remove screw/bolts (2)	Screw/bolt, quantity control valve to high-pressure pump housing flange		*BA07.16-P-1008-01H
5	Pull quantity control valve (Y94) out of housing flange by hand using rotary movements.	Do not pry quantity control valve (Y94) with a tool and do not tilt. in order to avoid damage on the housing flange and on the quantity control valve (Y94) itself. Catch escaping fuel with a dry cloth. <b>Installation:</b> Lightly grease sealing rings (3) with special grease. Special grease		*BR00.45-Z-1036-06A
	<b>Clean</b>			
6	Clean flange hole and sealing surface of housing flange	Remove any paint and dirt particle, particularly in the flange bore. Malfunctions can occur otherwise.		
7	Clean fuel filter (4)			
8	Install in the reverse order			
	<b>Danger !</b>	<b>Risk of accident</b> from vehicle starting off by itself when engine running. <b>Risk of injury</b> (bruises and burns) resulting from working on the engine while it is being started or when it is running.	Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
9	Check fuel system for leaks with engine running			

10 AD	Connect STAR DIAGNOSIS, read out DTC memory and erase if required	 Stored faults which may be caused by assembly work, test work, removed lines or a simulation, must be processed and erased in fault memories after completing the work.	AD00.00-P-2000-04A
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 Common rail diesel injection (CDI)

Number	Designation	ENGINE 651
BA07.16-P-1008-01H	Screw/bolt, quantity control valve to high-pressure pump housing flange Nm	7

Repair materials

Number	Designation	Order number
BR00.45-Z-1036-06A	Special grease	A 001 989 42 51 10
BR00.45-Z-1051-04A	Cold degreasing agent/cold cleaning solvent HAKU 1025-920	Chemische Werke Kluthe GmbH Gottlieb-Daimler-Str. 12 69115 Heidelberg Germany Tel. +49 6221 5301-0 Fax + 49 6221 5301-176 www.kluthe.de