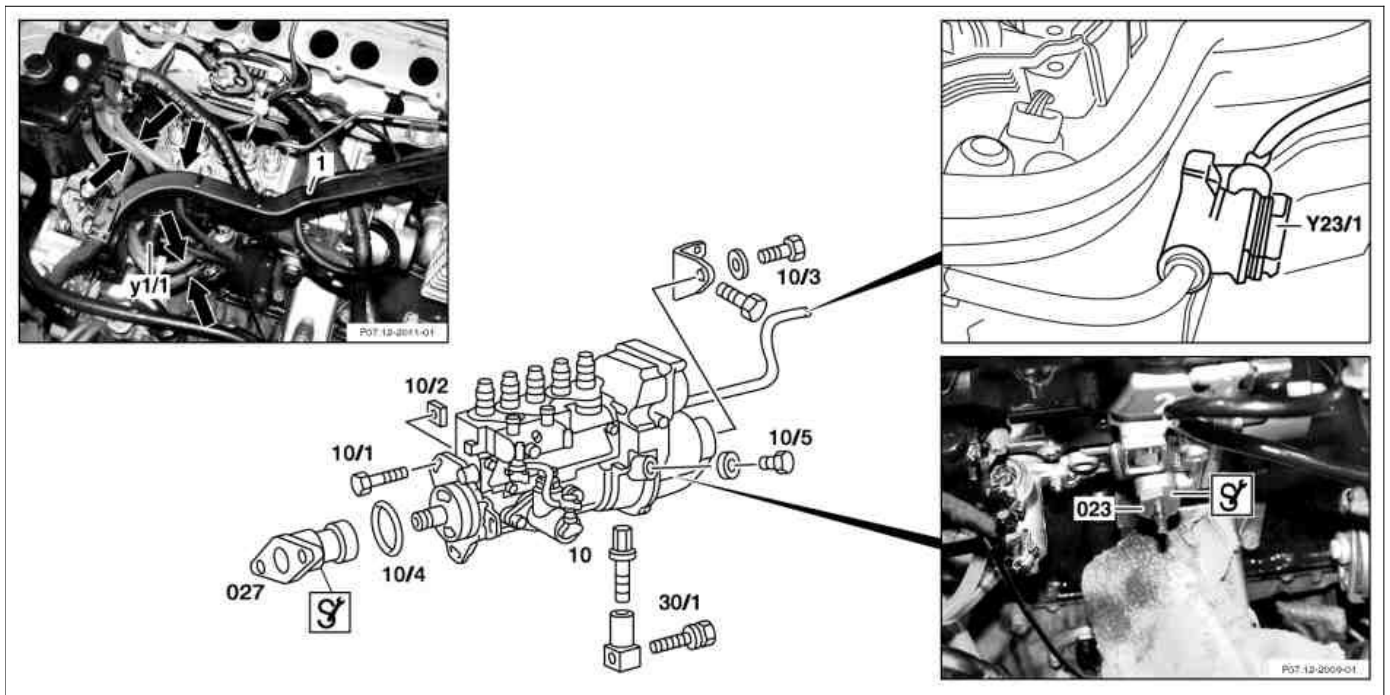














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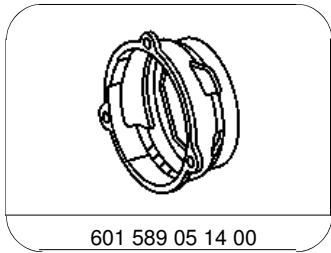
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⊠ ⊠	Removing, installing		
1	Disconnect ground cable at battery	⚠ Risk of short circuit at starter when installing and removing injection pump	AR54.10-P-0003A
2.1	Remove intake manifold	Engine 605.91	AR09.20-P-1310H
3.1	Remove charge air distribution pipe	Engine 605.960/962 Engine 606.961/962/964	AR09.41-P-1310H AR09.41-P-1310HA
4.1	Remove resonance intake manifold	Engine 606.912	AR09.20-P-1984H
5	Remove injection lines		AR07.12-P-9230H
6	Remove vacuum pump		AR43.05-P-1320A
7	Install centering sleeve (022)	⊠	*601589051400
8	Slacken central securing bolt (40/3)	Nm i Left-hand thread	*BA07.02-P-1002-01A

9	Rotate crankshaft in direction of rotation to $14^{\circ} + 0.5^{\circ}$ (arrow) after ignition TDC of cylinder 1	 Open oil filler cover for this step. Continue rotating crankshaft until marking (chisel punch point see ill.) on inlet camshaft sprocket is visible through oil filler opening. Rotate crankshaft further in direction of rotation until $14^{\circ} + 0.5^{\circ}$ after ignition TDC of cylinder 1. 	*001589650900
10	Unscrew central securing bolt (40/3)		
11	Remove chain tensioner		AR05.10-P-7800HA
12	Unplug socket of injection pump (Y23/1) at plug connection	Press in lug at socket for this step, unplug socket	
13	Unbolt engine wiring harness (1) at oil filter housing		
14	Unplug connector at electronic IFI shutoff (Y1/1)		
15	Detach fuel lines (arrows) at the injection pump	 Installation: inspect O-rings and seals, replace if necessary	
16	Unscrew bolt (10/3)		*BA07.02-P-1003-01A
17	Unscrew bolts (10/1)	 Hold four-point nuts (10/2) tight	*BA07.02-P-1004-01A
18	Slacken bolt (30/1) of start of delivery setting device		
19	Remove injection pump (10)	 Removal: counterhold injection timing device for this step  Installation: remove screw plug (10/5). Turn injection pump with serrated wrench 027 and block with blocking bolt (023). The injection pump is at $14^{\circ} + 0.5^{\circ}$ after ignition TDC if the pin of the blocking bolt engages in the cam in the injection pump. Pin is pressed out. Check whether the engine is at $14^{\circ} + 0.5^{\circ}$ after ignition TDC of cylinder 1 (see ill.); correct if necessary. Crank engine only in direction of rotation.  Remove blocking bolt (023) after installing the injection pump otherwise the injection pump will be damaged when starting  Screw plug (10/5)  	*BA07.02-P-1005-01A *601589000800 *601589052100
20	Replace O-rings (10/4)	 Installation: oil O-ring (10/4) before installing injection pump	
21	Install in the reverse order		
22	Inspect start of delivery		dh0b04p100041x
23	Set start of delivery		dh0b05p100043x

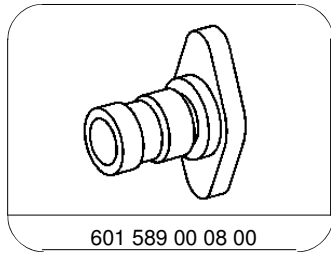
 **Injection pump, unit pump, high pressure pump**

Number	Designation		Engine 605	Engine 606
BA07.02-P-1002-01A	Central bolt for attaching injection pump	Nm	45	45
BA07.02-P-1003-01A	Bolt of injection pump bracket at rear to engine block	Nm	25	25
BA07.02-P-1004-01A	Bolt of injection pump front M8	Nm	25	25
BA07.02-P-1005-01A	Screw plug to governor housing	Nm	30	30



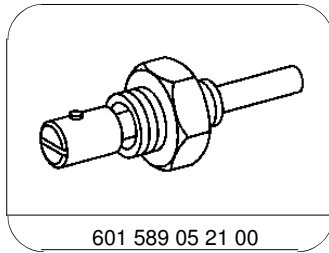
601 589 05 14 00

Centering sleeve



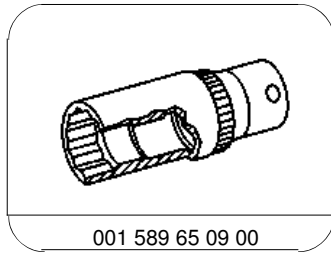
601 589 00 08 00

Serrated wrench



601 589 05 21 00

Blocking bolt



001 589 65 09 00

Wrench bit