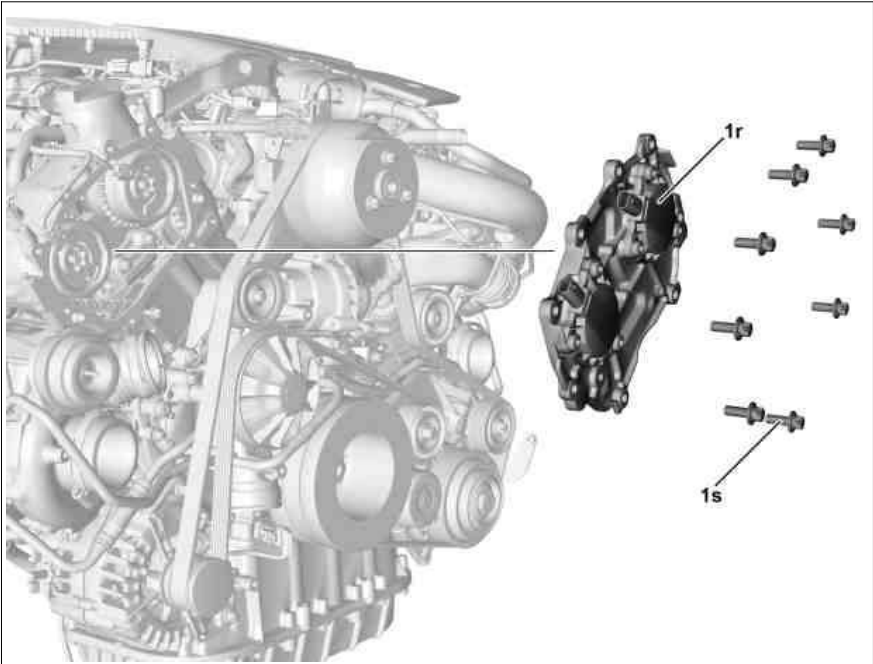


AR01.30-P-5700ELB	Remove/install front cover on cylinder head	26.7.11
-------------------	---	---------

ENGINES 157, 278 in MODEL 212, 218
On the right cylinder head
ENGINES 278 in MODEL 207
On right cylinder head

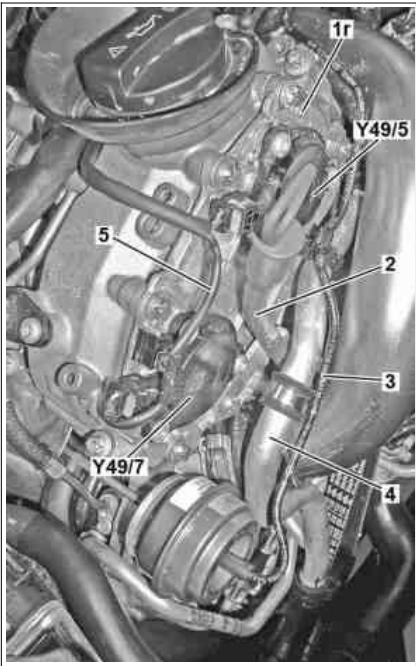
- 1r Front cover
- 1s Bolts



P01.20-2256-06




Illustrated on model 218.373

- 1r Front cover
- 3 Vacuum line
- 4 Coolant line
- 5 Electrical line
- Y49/5 Right intake camshaft solenoid
- Y49/7 Right exhaust camshaft solenoid



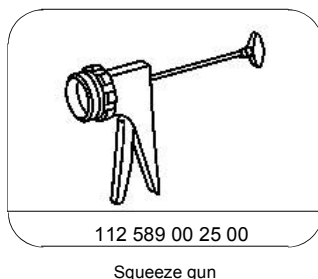
P01.30-2376-03

⚠ ⚠	Remove/install		
	Risk of injury caused by fingers being pinched or crushed when removing, installing or aligning hoods, doors, trunk lids, liftgates or sliding roof	Keep body parts and limbs well clear of moving parts.	AS00.00-Z-0011-01A

ⓘ	Notes on threaded connections with aluminum screws		AH00.00-P-0006-01RM
1	Remove engine covers		
2	Remove right charge air ducts		AR09.41-P-8620ELB
3	Unclip vacuum line (3) to coolant line (4)		
4	Detach coolant line (4) at timing case cover		
5	Disconnect electrical connectors at camshaft solenoids (Y49/5, Y49/7)		
6	Unclip electrical line (5) on front cover (1l)		
7	Remove bolts (1s) on front cover (1)	i Installation: Replace bolts (1s). Nm	*BA01.30-P-1003-01X
8	Carefully loosen front cover (1l) at prying lugs and detach to the front	i Installation: Apply sealant to the front cover (1): ↓ Observe notes on sealant path for front cover (1l) on cylinder head.  Loctite 5970 sealant	AH01.30-P-1000-02MM *112589002500 *BR00.45-Z-1013-01A
	Clean		
9	Clean sealing surfaces on cylinder head, on cylinder head cover and on front cover (1r)	ⓘ Do not use any sharp-edged tools or abrasive paper. The sealing surfaces will be damaged otherwise. Loctite 7200 Loctite 7063 cleaning spray (150 ml)	AR01.00-P-0050-01A *BR00.45-Z-1038-04A *BR00.45-Z-1046-04A
10	Remove camshaft solenoids (Y49/5, Y49/7) from front cover (1l)	When replacing the front cover (1)	AR05.20-P-7295ELB
11	Install in the reverse order		
	Checking		
12	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 Carry out engine test run while checking engine for function and oil leaks	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

Cylinder head

Number	Designation		Engine 157	Engine 278
BA01.30-P-1003-01X	Bolt, front cover to cylinder head/cylinder head cover	Nm	5	5



Repair materials

Number	Designation	Order number
BR00.45-Z-1013-01A	Loctite 5970 sealant	A 003 989 98 20

BR00.45-Z-1038-04A	Loctite 7200	Henkel Loctite Deutschland GmbH Arabellastrasse 17 81925 München Germany Tel. +49 899268-0 Fax + 49 899101978 www.Loctite.de
BR00.45-Z-1046-04A	Loctite 7063 cleaning spray (150 ml)	A 001 986 71 71 10