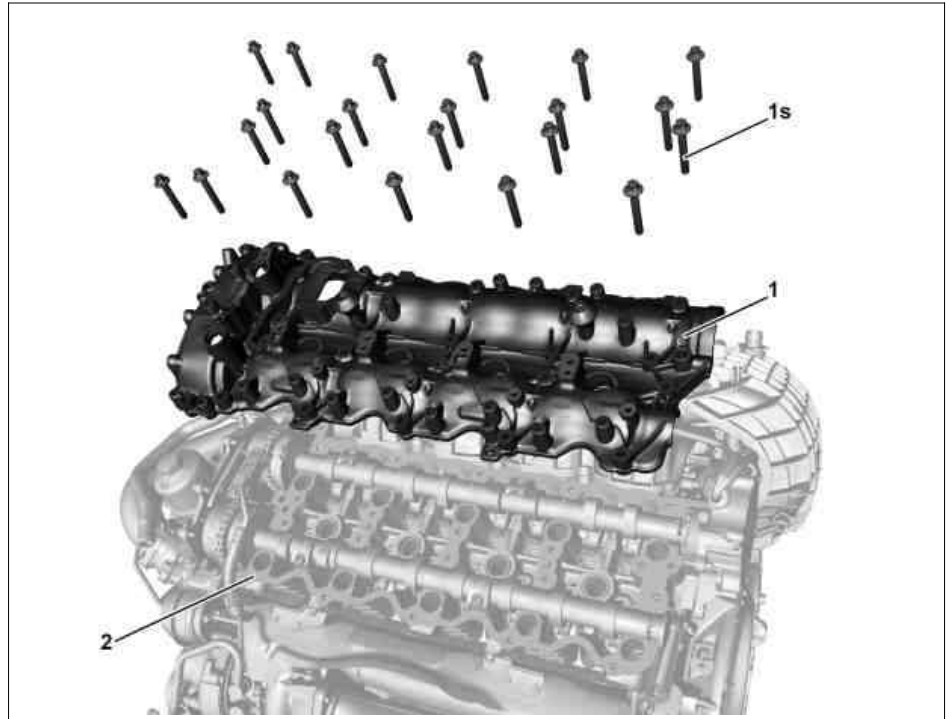


ENGINES 157, 278 in MODEL 212, 218

ENGINES 278 in MODEL 207

- 1 Cylinder head cover
- 1s Bolts
- 2 Cylinder head



P01.20-2253-06

- 1 Cylinder head cover
- 3 Bracket
- 4 Lifting eye
- 5 Partial load crankcase ventilation
- 6 Cap



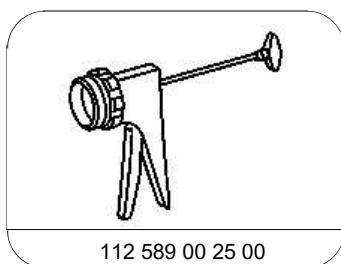
P01.20-2257-11

☒ ☒	Remove/install		
ⓘ	Information on preventing damage to electronic components due to electrostatic discharge		AH54.00-P-0001-01A
ⓘ	Notes on threaded connections with aluminum screws		AH00.00-P-0006-01RM
1	Remove rail		AR07.03-P-1010ELB
2	Remove ignition coils	Model 207 Model 212, 218	AR15.12-P-2003FH AR15.12-P-2003EL
3	Detach engine wiring harness on cylinder head cover (1)		AR01.00-P-2410-02ELB
4	Detach oil lines for turbocharger on cylinder head cover (1) and place to one side		AR18.30-P-6850ELB

5	Remove partial load crankcase ventilation (5) on cylinder head cover (1)		
6	Remove bracket (3) on cylinder head cover (1)		
7	Remove lifting eye (4) on cylinder head cover (1)		
8	Remove bolt for vacuum pump on cylinder head cover (1)		AR43.05-P-1320ELB
9	Remove front cover at cylinder head (2)		AR01.30-P-5700ELA AR01.20-P-5014-03MMB
10	Loosen bolts (1s) for cylinder head cover (1) in the reverse order of the tightening procedure and remove them	<b>i</b> Installation: Replace bolts (1s).  Nm	*BA01.20-P-1004-01L
11	Carefully pry off cylinder head cover (1) from cylinder head (2)	<b>i</b> Do not hammer in a tool to pry off between cylinder head cover (1) and cylinder head (2). The sealing surfaces will be damaged otherwise. <b>i</b> Installation: Check for correct seating of the cap (6) of the exhaust camshaft between cylinder head cover (1) and cylinder head (2). <b>i</b> Installation: Apply sealant to cylinder head cover (1): ↓ Observe notes on sealant path for cylinder head cover (1). Loctite 5970 sealant	AH01.30-P-1000-08MM *112589002500 *BR00.45-Z-1013-01A
<b>i</b>			
<b>←</b>	<b>Checking</b>		
12	Check camshaft mounts in cylinder head cover (1) and camshafts for galling and score marks		
<b>🧼</b>	<b>Clean</b>		
13	Clean sealing surfaces at cylinder head (2) and cylinder head cover (1)	<b>i</b> 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
14	Install in the reverse order		
15	<b>Risk of accident</b> caused by vehicle starting off by itself when engine is running. <b>Risk of injury</b> caused by contusions and burns during starting procedure or when working near the engine as it is running Conduct engine test run and check engine for leaks while 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

**Nm** Crankcase ventilation, cylinder head cover

Number	Designation		Engine 157	Engine 278
BA01.20-P-1004-01L	Bolt, cylinder head cover to cylinder head	Stage 1 Nm	12	12
		Stage 2 $\Delta^\circ$	90	90



112 589 00 25 00

Squeeze gun

**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 <a href="http://www.Loctite.de">www.Loctite.de</a>
BR00.45-Z-1046-04A	Loctite 7063 cleaning spray (150 ml)	A 001 986 71 71 10