Document title Remove/install left cylinder head cover

Document number ar0120p5013els

Engine 276.8 in model 207, 212, 218

Modification notes

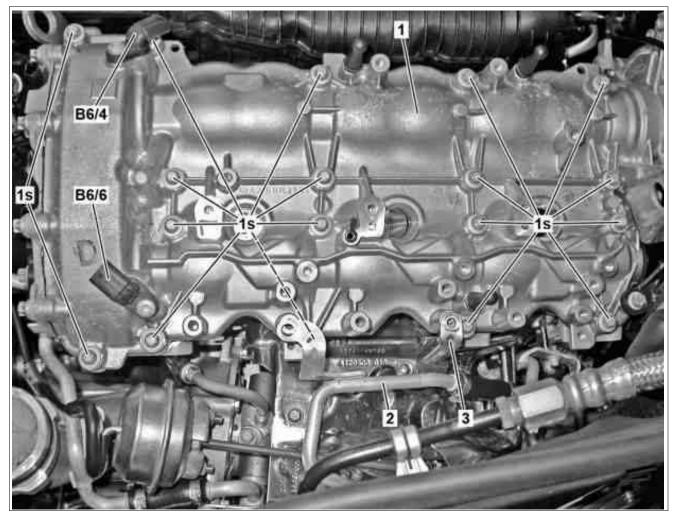
05.08.2019	Note document AH00.00-P-0500-01MNE added.	Operation step 20.	
05.08.2019	Note document AH05.20-P-1000-09SZ added.	Operation step 22.	

1 Left cylinder head cover

1s Bolts

Coolant feed lineHeat shield

B6/4 Left intake camshaft Hall sensor B6/6 Left exhaust camshaft Hall sensor



P01.20-2339-06

⚠ Warning	Risk of injury caused by fingers being jammed or pinched when removing, installing or aligning hoods, doors, trunk lid/rear-end door or sliding roof.	No parts of the body or limbs should be within the operating area when the components are moving.	AS00.00-Z-0011-01A
	Notes on threaded connections with aluminum screws/bolts		AH00.00-P-0006-01RM
	General information on work on gasoline direct injection system		AH07.00-P-2000-01A
K	Remove/install		
1	Open engine hood and position upright.	Engine 276.8 in model 207, 212, 218 Model 207, 212 with engine 276.8	AR88.40-P-1000EW
2	Disconnect ground line from battery. Notes on battery		AR54.10-P-0003EW AH54.10-P-0001-01A
3	Remove upper engine cover.		
1	Remove ME-SFI [ME] control unit.		AR07.08-P-7008ELS
5	Remove air filter housing.		AR09.10-P-1150ELS
6	Remove noise damper of left and right fuel injectors.		
7	Drain off coolant. Notes on coolant	Model 212, 218 with engine 276.8 Model 207 with engine 276.8	AR20.00-P-1142EL AH20.00-N-2080-01A AR20.00-P-1142A
8	Remove coolant hose of heating at bulkhead and cylinder head.		
9	Remove center section of bulkhead.	Engine 276.8 in model 207, 212, 218 Engine 276.8 in model 212	AR61.25-P-6600EW
10	Remove guide tube at cylinder head cover.	Installation: Replace screw/bolt. Screw/bolt, guide tube to cylinder head/cylinder head cover/front cover	*BA01.45-P-1005-01E
11	Remove engine-side engine wiring harness and set aside.		AR01.00-P-2410-02ELS
12	Remove the vacuum pump.	Model 207 with engine 276.8 Model 212, 218 with engine 276.8	AR43.05-P-1320FH AR43.05-P-1320EL

Remove front cover all left optioned head. Remove front cover all left optioned head.	13	Remove ignition coils.	Engine 276.8 in model 212, 218 Model 207 with engine 276.8	AR15.12-P-2003EL AR15.12-P-2003FH
Service consoling and exhaust gas butbocharger. Service consoling and legal consol	14	Remove front cover at left cylinder head.	meter are man engine an en	
butbocharger and left cylinder head cover (1). Installation: Replace seed.	15		Nm Bolt/nut for shield attachment	*BA09.40-P-1011-01W
Imitaliation: Replace seal.	16		except code 920 (Direct petrol injection with	
Bett. coolant freudretum line to kurbocharger (1940-40-1006-1016) Remove left intake camehaft Hall sensor (1864). Pell Bott, camehaft Hall sensor to cylinder head (1940-40-1006-1016). Pell Bott, camehaft Hall sensor to cylinder head (1940-40-1016). Pell Bott, camehaft Hall sensor to cylinder head (1940-40-1016). Pell Bott (1940-40-1016). Pell Bott, camehaft Hall sensor to cylinder head (1940-40-1016). Pell Bott (1940-40-1016). Pel				
Secretary Secr				*BA09.40-P-1008-01W
Remove left intake camshaft Hall sensor (884) Pill pot cannshaft Hall sensor to cylinder head cover (1) and camshaft hall sensor to cylinder head cover (1) and camshaft hall sensor to cylinder head cover (1) and camshaft hall sensor to cylinder head cover (1) and camshaft hall sensor to cylinder head cover (1) and camshaft hall sensor to cylinder head cover to cylinder head cover (1) and camshaft hall sensor to cylinder head cover (1) and camshaft hall sensor (806) and all brackets at left cylinder head cover (1) and camshaft hall sensor (806) and all brackets at left cylinder head cover (1) and camshaft hall sensor (806) and all brackets at left cylinder head cover (1) and camshaft hall sensor (806) and all brackets at left cylinder head cover (1) and camshaft hall sensor (806) and all brackets at left cylinder head cover (1) and camshaft hall sensor (806) and all brackets at left cylinder head cover (1) and camshaft hall sensor (806) and all brackets at left cylinder head cover (1) and camshaft hall sensor (806) and all brackets at left cylinder head cover (1) and camshaft for galling and score marks. Check camshaft mounts in left cylinder head cover (1) and camshafts for galling and score marks. General information on checking camshafts and bearing peritie of camshafts are designed to camshaft and bearing perities of camshafts are camshaft. Clean Clea				
Sensore left rail. Name N	17	Remove left intake camphaft Hall sensor (R6/4)		
Model 212_218 with engine 270.8 Release boils (1s) of left cylinder head cover (1) Installation: Replace screwbools (1s) with new ones. Carefully pry off left cylinder head cover (1) from cylinder head. Carefully pry off left cylinder head cover (1) from cylinder head. Notice or application of flange sealars to seal models. Notes on sealant path for cylinder head cover (1) from cylinder head. Notes on sealant path for cylinder head cover (1) from cylinder head. Notes on sealant path for cylinder head cover (1) from cylinder head. Notes on sealant path for cylinder head cover (1) in an objinder head. Installation: Apply sealart as per the notes on sealant path to the left cylinder head cover (1) and cylinder head. Installation: Apply sealart as per the notes on sealant path to the left cylinder head cover (1) and polyinder head. Installation: Apply sealart as per the notes on sealant path to the left cylinder head cover (1). Check combact frounts in left cy		` '	cover	
In reverse order to sightening procedure and remove. I Installation: Replace screwbolts (1s) with new ones. Installation: Replace screwbolts (1s) with new order. Installation: R	10	Remove left fall.		
Part	19	in reverse order to tightening procedure and		AR01.20-P-5014-03MMA
Carefully pry off left cylinder head cover (1) from cylinder head. Notes on sealant path for cylinder head cover (1) from sealant path for cylinder head cover (1) and cylinder head. Notes on sealant path for cylinder head cover (1) and cylinder head. The sealing surfaces can be damaged otherwise. Installation: Apply sealant as per the notes on sealant, locities of part of the left cylinder head cover (1). Sealant, Locities 70.5 dn in Sealant, locities of the left cylinder head cover (1). Sealant, Locities 70.5 dn in Sealant, locities of the left cylinder head cover (1). Sealant, Locities 70.5 dn in Sealant, locities of the left cylinder head cover (1). Sealant, Locities 70.5 dn in Sealant, locities of the left cylinder head cover (1). Sealant, Locities 70.5 dn in Sealant, locities of the left cylinder head cover (1). Sealant, Locities 70.5 dn in Sealant, locities of the left cylinder head cover (1). Sealant, Locities 70.5 dn in Sealant, locities of the left cylinder head cover (1). Sealant, Locities 70.5 dn in Sealant, locities of the left cylinder head cover (1). Sealant, Locities 70.5 dn in Sealant, locities of the left cylinder head cover (1). Sealant, Locities 70.5 dn in Sealant, locities of the left cylinder head cover (1). Sealant, Locities 70.5 dn in Sealant, locities of the left cylinder head cover (1). Sealant, Locities 70.5 dn in Sealant, locities of the left cylinder head cover (1). Sealant, Locities 70.5 dn in Sealant, locities of the left cylinder head cover (1). Sealant, Locities 70.5 dn in Sealant, locities of the left cylinder head cover (1). Sealant, Locities 70.5 dn in Sealant, locities of the left cylinder head cover (1). Sealant, Locities 70.5 dn in Sealant, locities of the left cylinder head cover (1). Sealant, Locities 70.5 dn in Sealant, locities of the left cylinder head cover (1) or cambrids the left cylinder head cover (1). Sealant, Locities 70.5 dn in Sealant, locities of the left cylinder head cover (1) or cambrids the left cylinder head cover (1) or cambrids th			new ones.	*DA04.00 D.4004.041
Oylinder head. Notes on application of flange sealants to seal major assemblies Notes on sealant path for cylinder head cover Notes on sealant path for cylinder head cover On thammer in a tool to pry off between the left cylinder head cover (1) and cylinder head. The sealing surfaces can be damaged otherwise. Installation: Apply sealant as per the notes on sealant path to the left cylinder head cover (1). Sealant, Loctité 9970, 50 ml 112569002500 11 Transfer left exhaust camehaft Hall sensor (866) only when replacing the left cylinder head cover (1). Sealant, Loctité 9970, 50 ml 112569002500 12 Chack Check camehaft mounts in left cylinder head cover (1). Check camehaft mounts in left cylinder head cover (1). Sealant, Loctité 9970, 50 ml 11268002500 TBOIL, camehaft Hall sensor to cylinder head cover (1). Sealant path to the left cylinder head cover (1). Sealant, Loctité 9970, 50 ml 11268002500 TBOIL, camehaft Hall sensor to cylinder head cover (1). Sealant, Loctité 9970, 50 ml 1126801, camehaft Hall sensor to cylinder head cover (1). Sealant, Loctité 9970, 50 ml 1126801, camehaft Hall sensor to cylinder head cover (1). Sealant, Loctité 9970, 50 ml 1126801, camehaft Hall sensor to cylinder head cover (1). Sealant, Loctité 9970, 50 ml 1126801, camehaft Hall sensor to cylinder head cover (1). Sealant, Loctité 9970, 50 ml 1126801, camehaft Hall sensor to cylinder head cover (1). Sealant, Loctité 9970, 50 ml 1126801, camehaft Hall sensor to cylinder head cover (1). Sealant, Loctité 9970, 50 ml 1126801, camehaft Hall sensor to cylinder head cover (1). Sealant, Loctité 9970, 50 ml 1126801, camehaft Hall sensor to cylinder head cover (1). Sealant, Loctité 9970, 50 ml 1126801, camehaft Hall sensor to cylinder head cover (1). Sealant, Loctité 9970, 50 ml 1126801, camehaft Hall sensor to cylinder head cover (1). Sealant, Loctité 9970, 50 ml 1126801, camehaft Hall sensor to cylinder head cover (1). Sealant, Loctité 9970, 50 ml 1126801, camehaft Hall sensor to cylinder head cover (*BA01.20-P-1004-01L
Major assemblies Notes on sealant path for cylinder head cover 10	20	cylinder head.		ALION ON DIOSON OANNIS
② Do not hammer in a tool to pry off between the left cylinder head. The sealing surfaces can be damaged otherwise. ☑ Installation: Apply sealant as per the notes on sealant, path to the left cylinder head cover (1) and otherwise. ☑ Installation: Apply sealant as per the notes on sealant, path to the left cylinder head cover (1) sealant, Loctite 5970, 50 ml ☑ Application gun 21 Transfer left exhaust camshaft Hall sensor (86/6) [Application gun 21 Transfer left exhaust camshaft Hall sensor (86/6) [Application gun 22 Check 22 Check camshaft mounts in left cylinder head cover (1) [Min Bolt. camshaft Hall sensor to cylinder		major assemblies		
left cylinder head cover (1) and cylinder head. The sealing surfaces can be damaged otherwise. 1 Installation: Apply sealant as per the notes on sealant path to the left cylinder head cover (1). Sealant, Loctite 5970, 50 ml Tarsafer left exhaust camshaft Hall sensor (68/6) DN when replacing the left cylinder head cover (1). Sealant, Loctite 5970, 50 ml Tarsafer left exhaust camshaft Hall sensor (68/6) DN when replacing the left cylinder head cover (1). Replacing the left cylinder head cover (1) or camshafts. Replacing the left cylinder head cover (1).		Notes on sealant path for cylinder head cover	(1)	AH01.30-P-1000-08MM
Installation: Apply sealant as per the notes on sealant path to the left cylinder head cover (1). Sealant, Loctite 5970. 50 ml (2) Application gun (1) Sealant, Loctite 5970. 50 ml (2) Application gun (1) Sealant, Loctite 5970. 50 ml (2) Application gun (1) Sealant, Loctite 5970. 50 ml (2) Application gun (1) Sealant, Loctite 5970. 50 ml (2) Application gun (1) Sealant, Loctite 5970. 50 ml (2) Application gun (1) Sealant, Loctite 5970. 50 ml (2) Application gun (1) Sealant, Loctite 5970. 50 ml (2) Application gun (1) Sealant, Loctite 5970. 50 ml (2) Application gun (1) Sealant, Loctite 5970. 50 ml (2) Application gun (1) Sealant, Loctite 70 sealant as per the notes on sealant path to the left cylinder head cover (1) and 11 sealant gun (1)			left cylinder head cover (1) and cylinder head. The sealing surfaces can be damaged	
Sealant, Loctite 5970, 50 ml Application gun Transfer left exhaust camshaft Hall sensor (B6/6) Only when replacing the left cylinder head cover and all brackets at left cylinder head cover (1). Transfer left exhaust camshaft Hall sensor (B6/6) Only when replacing the left cylinder head cover (1). Bill Bolt, camshaft Hall sensor to cylinder head cover (1). The Bolt, camshaft Hall sensor to cylinder head cover (1) and camshafts for galling and score marks. General information on checking camshafts and bearing points of camshafts Fenjine 276.8 in model 207 Engine 276.8 in model 207 Engine 276.8 in model 212, 218 AR05.20-P-6992EH AR06.20-P-1010ELA AR06.20-P-1010ELA AR06.20-P-1010ELA			i Installation: Apply sealant as per the notes on sealant path to the left cylinder head cover	
Transfer left exhaust camshaft Hall sensor (B6/6) and all brackets at left cylinder head cover (1). Solt, camshaft Hall sensor to cylinder head cover (1). Solt, camshaft Hall sensor to cylinder head cover (1). Solt, camshaft Hall sensor to cylinder head cover (1) and camshafts for galling and score marks. Check camshaft mounts in left cylinder head cover (1) and camshafts for galling and score marks. General information on checking camshafts and bearing points of camshafts Fransfer left exhaust camshaft for galling and score marks. General information on checking camshafts and bearing points of camshafts General information on checking camshafts and bearing points of camshafts Fransfer left exhaust camshaft for galling and score marks. General information on checking camshafts and bearing points of camshafts General information on checking camshafts and bearing points of camshafts. General information on checking camshafts and bearing points of camshafts. General information on checking camshafts and bearing points of camshafts. General information on checking camshafts and bearing points of camshafts. General information on checking camshafts and bearing points of camshafts. General information on checking camshafts and bearing points of camshafts. General information on checking camshafts and bearing points of camshafts. General information on checking camshafts and bearing points of camshafts are damaged and cover (1) or camshafts are damaged and cover (1) or camshafts. Replace left cylinder head cover (1) or camshafts are damaged and cover (1) or camshafts are damaged and cover (1) or camshafts. AR05.20-P-6992FH AR05			Sealant, Loctite 5970, 50 ml	
Check Check Camshaft mounts in left cylinder head cover (1) and camshafts for galling and score marks. General information on checking camshafts and bearing points of camshafts Replace left cylinder head cover (1) or camshafts are damaged Replace left cylinder head cover (1) or camshafts Replace left cylinder head cover (1) or camshafts Engine 276.8 in model 207 Engine 276.8 in model 212, 218 AR05.20-P-6992EL Clean Clean sealing surfaces at cylinder head and left cylinder head cover (1). Do not use any sharp-edged tools or abrasive paper. The sealing surfaces can be damaged otherwise. Loctite 7200 Loctite 7200 Loctite 7200 Check engine cooling system for leak tightness. Check engine cooling system for leak tightness. Check engine cooling system for leak tightness. Check engine oil level and correct if necessary. AR20.00-P-1010ELA AR20.00-P-1010EWZ	21	· ·	Only when replacing the left cylinder head cover	
Check Check camshaft mounts in left cylinder head cover (1) and camshafts for galling and score marks. General information on checking camshafts and bearing points of camshafts Replace left cylinder head cover (1) or camshafts. Engine 276.8 in model 207 Engine 276.8 in model 212, 218 Clean Clean Clean Clean sealing surfaces at cylinder head and left cylinder head cover (1). Do not use any sharp-edged tools or abrasive paper. The sealing surfaces can be damaged otherwise. Loctite 7200 Loctite 7200 Loctite 7200 Check engine cooling system for leak tightness. Check engine cooling system for leak tightness. Check engine cooling system for leak tightness. Check engine oil level and correct if necessary: ARP Risk of accident from vehicle starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running. Perform engine test run and check engine in		and all brackets at left cylinder head cover (1).	Nm Bolt, camshaft Hall sensor to cylinder head	*BA15.10-P-1006-03E
Check camshaft mounts in left cylinder head cover (1) and camshafts for galling and score marks. General information on checking camshafts and bearing points of camshafts If camshaft mounts or camshafts are damaged Replace left cylinder head cover (1) or camshafts. Engine 276.8 in model 207 Engine 276.8 in model 212, 218 AR05.20-P-6992EL Clean Clean Clean sealing surfaces at cylinder head and left cylinder head cover (1). Do not use any sharp-edged tools or abrasive paper. The sealing surfaces can be damaged otherwise. Loctite 7200 Loctite 7200 Loctite 7063 (400 ml) cleaning spray BR00.45-Z-1038-04A BR00.45-Z-1038-04A BR00.45-Z-1046-04A AR20.00-P-1010ELA Model 212, 218 with engine 276.8 AR20.00-P-1010ELA AR20.00-P-1010ELA AR20.00-P-1010ELA AR20.00-P-1010ELA AR20.00-P-1010EL AR20.00-P-1010ELA AR20.00-P-1010EL AR20.00-P-1010ELA AR	4	Check		
cover (1) and camshafts for galling and score marks. General information on checking camshafts and bearing points of camshafts Replace left cylinder head cover (1) or camshafts. Engine 276.8 in model 207 Engine 276.8 in model 212, 218 AR05.20-P-6992EL Clean Clean S Clean sealing surfaces at cylinder head and left cylinder head cover (1). Do not use any sharp-edged tools or abrasive paper. The sealing surfaces can be damaged otherwise. Loctite 7200 Loctite 7063 (400 ml) cleaning spray BR00.45-Z-1038-04A Loctite 7063 (400 ml) cleaning spray BR00.45-Z-1046-04A AR20.00-P-1010ELA Model 212, 218 with engine 276.8 AR20.00-P-1010ELA AR20.00-		Check camshaft mounts in left cylinder head		
General information on checking camshafts and bearing points of camshafts If camshaft mounts or camshafts are damaged Replace left cylinder head cover (1) or camshafts. Engine 276.8 in model 207 Engine 276.8 in model 212, 218 RR05.20-P-6992FH AR05.20-P-6992FH AR05.20-P-692		cover (1) and camshafts for galling and score		
If camshaft mounts or camshafts are damaged Replace left cylinder head cover (1) or camshafts. Engine 276.8 in model 207 AR05.20-P-6992EH		General information on checking camshafts and		AH05.20-P-1000-09SZ
camshafts. Engine 276.8 in model 207 Engine 276.8 in model 207 Engine 276.8 in model 212, 218 Clean Clean sealing surfaces at cylinder head and left cylinder head cover (1). Do not use any sharp-edged tools or abrasive paper. The sealing surfaces can be damaged otherwise. Locitie 7200 Locitie 7200 Locitie 7063 (400 ml) cleaning spray BR00.45-Z-1038-04A Locitie 7063 (400 ml) cleaning spray BR00.45-Z-1046-04A AR20.00-P-1010EL Check engine cooling system for leak tightness. Check engine cooling system for leak tightness. Check engine oil level and correct if necessary. Secure vehicle to prevent it from starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running. Perform engine test run and check engine in		372 372	If camshaft mounts or camshafts are damaged	
Clean Clean sealing surfaces at cylinder head and left cylinder head cover (1). Do not use any sharp-edged tools or abrasive paper. The sealing surfaces can be damaged otherwise. Loctite 7200 *BR00.45-Z-1038-04A Loctite 7200 *BR00.45-Z-1046-04A Loctite 7200 *BR00.45-Z-1046-04A Loctite 7063 (400 ml) cleaning spray *BR00.45-Z-1046-04A			1	
Clean Sealing surfaces at cylinder head and left cylinder head cover (1). Do not use any sharp-edged tools or abrasive paper. The sealing surfaces can be damaged otherwise. Loctite 7200 Loctite 7200 Secure Vehicle to prevent it from starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running. Clean Sealing surfaces can be damaged otherwise. Loctite 7200 Loctite 7063 (400 ml) cleaning spray *BR00.45-Z-1038-04A Loctite 7063 (400 ml) cleaning spray *BR00.45-Z-1046-04A Model 207 with engine 276.8 AR20.00-P-1010ELA AP18.00-P-0101CWZ AP18.00-P-0101CWZ AP18.00-P-0101CWZ AP30.00-Z-0005-01A Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts. Do not touch hot or rotating parts.			Engine 276.8 in model 207	AR05.20-P-6992FH
Clean sealing surfaces at cylinder head and left cylinder head cover (1). Do not use any sharp-edged tools or abrasive paper. The sealing surfaces can be damaged otherwise. Loctite 7200 Loctite 7200 Loctite 7063 (400 ml) cleaning spray *BR00.45-Z-1038-04A Loctite 7063 (400 ml) cleaning spray *BR00.45-Z-1046-04A Loctite 7063 (400 ml) cleaning spray *BR00.45-Z-1046-04A AR20.00-P-1010ELA Model 212, 218 with engine 276.8 AR20.00-P-1010ELA AR20.00-P-1010EL Check engine oil level and correct if necessary. AP18.00-P-0101CWZ AP18.00-P-0101CWZ AP18.00-P-0101CWZ Secure vehicle to prevent it from starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running. Perform engine test run and check engine in			Engine 276.8 in model 212, 218	AR05.20-P-6992EL
cylinder head cover (1). Do not use any sharp-edged tools or abrasive paper. The sealing surfaces can be damaged otherwise. Loctite 7200 *BR00.45-Z-1038-04A Loctite 7063 (400 ml) cleaning spray *BR00.45-Z-1046-04A Loctite 7063 (400 ml) cleaning spray *BR00.45-Z-1038-04A Loctite 7063 (400 ml) cleaning spray *BR00.45-Z-1046-04A Loctite				AR01.00-P-0050-01A
Do not use any sharp-edged tools or abrasive paper. The sealing surfaces can be damaged otherwise. Loctite 7200 Loctite 7200 Loctite 7063 (400 ml) cleaning spray *BR00.45-Z-1038-04A Loctite 7063 (400 ml) cleaning spray *BR00.45-Z-1046-04A 24 Install in the reverse order. Check engine cooling system for leak tightness. Check engine cooling system for leak tightness. Model 207 with engine 276.8 Model 212, 218 with engine 276.8 AR20.00-P-1010ELA AR20.00-P-1010EL AP18.00-P-0101CWZ AP18.00-P-0101CWZ AS00.00-Z-0005-01A Secure vehicle to prevent it from starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running. Perform engine test run and check engine in		,		
The sealing surfaces can be damaged otherwise. Loctite 7200 *BR00.45-Z-1038-04A Loctite 7063 (400 ml) cleaning spray *BR00.45-Z-1046-04A 24 Install in the reverse order. 25 Check engine cooling system for leak tightness. Model 207 with engine 276.8 AR20.00-P-1010ELA Model 212, 218 with engine 276.8 AR20.00-P-1010EL 26 Check engine oil level and correct if necessary. AP18.00-P-0101CWZ AP18.00-P-0101CWZ AS00.00-Z-0005-01A AS00.00-Z-0005-01A AS00.00-Z-0005-01A AS00.00-Z-0005-01A AS00.00-Z-0005-01A AS00.00-Z-0005-01A AS00.00-Z-0005-01A				
Loctite 7063 (400 ml) cleaning spray *BR00.45-Z-1046-04A 24 Install in the reverse order. 25 Check engine cooling system for leak tightness. Check engine cooling system for leak tightness. Model 207 with engine 276.8 Model 212, 218 with engine 276.8 AR20.00-P-1010ELA AR20.00-P-1010EL Check engine oil level and correct if necessary. AP18.00-P-0101CWZ AP18.00-P-0101CWZ AS00.00-Z-0005-01A AS00.00-Z-0005-01A AS00.00-Z-0005-01A Perform engine test run and check engine in			otherwise.	
24 Install in the reverse order. 25 Check engine cooling system for leak tightness. Check engine oil level and correct if necessary. Risk of accident from vehicle starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running. Perform engine test run and check engine in Model 207 with engine 276.8 AR20.00-P-1010ELA AR20.00-P-1010EL AP18.00-P-0101CWZ AS00.00-Z-0005-01A Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.				
Check engine cooling system for leak tightness. Model 207 with engine 276.8 Model 212, 218 with engine 276.8 AR20.00-P-1010ELA AR20.00-P-1010ELA AR20.00-P-1010EL Check engine oil level and correct if necessary. Risk of accident from vehicle starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running. Perform engine test run and check engine in	24	Install in the reverse order	Locute 1000 (400 mi) cleaning spray	DIXUU.40-Z-1U40-U4A
Check engine oil level and correct if necessary. Risk of accident from vehicle starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running. Perform engine test run and check engine in Check engine oil level and correct if necessary. AP18.00-P-0101CWZ AS00.00-Z-0005-01A Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.			1	
Risk of accident from vehicle starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running. Perform engine test run and check engine in		Check engine oil level and correct if necessary.	Will Chighte 270.0	
itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running. Perform engine test run and check engine in		Risk of accident from vehicle starting off by	Secure vehicle to prevent it from starting off hy	
	213 Warning	itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is	itself. Wear closed and snug-fitting work clothes.	AS00.00-2-0005-01A
	27			

Nm Crankcase ventilation, cylinder head cover

Number	Designation			Engine 276
BA01.20-P-1004-01L	Screw/bolt, cylinder head cover to cylinder head	Stage 1	Nm	12
		Stage 2	خ°	90

Nm Oil pan

Number	Designation	Engine 276
BA01.45-P-1005-01E	Screw/bolt, guide tube to cylinder head/cylinder head cover/front cover Nm	5

Nm Turbocharger

Number	Designation		Engine 276.8
BA09.40-P-1008-01W	Bolt, coolant feed/return line to turbocharger	Nm	9

Nm Turbocharger

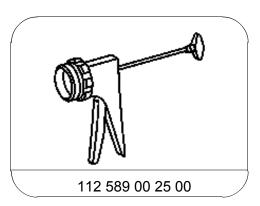
Number	Designation			Engine 276.8
BA09.40-P-1010-01W	Bolt for coolant line attachment	M6	Nm	9

Nm Turbocharger

Number	Designation			Engine 276.8
BA09.40-P-1011-01W	Bolt/nut for shield attachment	M6	Nm	9

Nm Position sensor

	Number	Designation		Engine 276
	BA15.10-P-1006-03E	Bolt, camshaft Hall sensor to cylinder head cover Nm	1	9



Application gun

Repair materials

Number	Designation	Order number
BR00.45-Z-1013-01A	Sealant, Loctite 5970, 50 ml	A 003 989 98 20 10
BR00.45-Z-1038-04A	Loctite 7200	Henkel AG & Co. KGaA http://www.loctite.de
BR00.45-Z-1046-04A	Loctite 7063 (400 ml) cleaning spray	A 001 986 71 71 09