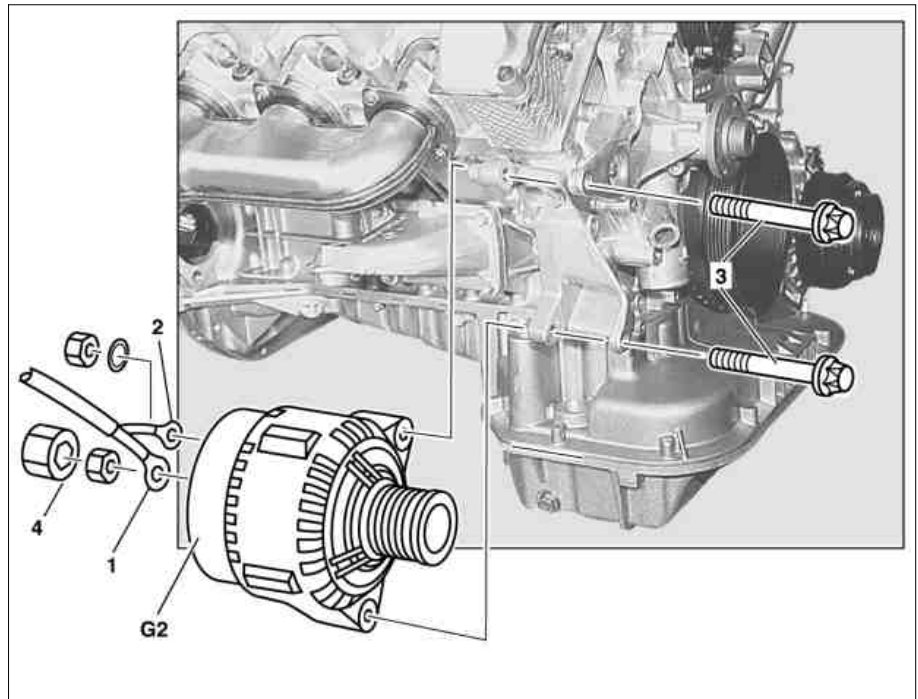


Shown on engine 112

- 1 Electrical cable, circuit 30 (B+)
 2 Electric cable, circuit. 61 (D+)
 3 Bolts
 4 Cover sleeve

G2 Alternator









P15.40-2003-06

Modification notes

14.4.00	Value changed from 15 Nm to 18 Nm	Figure in BA15.40-P-1001-01A for engine 112, 113 modified	*BA15.40-P-1001-01A
14.4.00	Value changed from 4 Nm to 5 Nm	Specification in BA15.40-P-1002-01A revised for 112, 113 engines	*BA15.40-P-1002-01A

	Remove/install		
Danger!	Risk of explosion caused by escaping oxyhydrogen gas. Risk of injury caused by caustic burns to eyes, skin and mucous membranes from battery electrolyte (contains diluted sulfuric acid) or metal spatter due to short circuit. Risk of burn injuries caused by short circuit. Risk of poisoning caused by swallowing battery electrolyte (contains diluted sulfuric acid) or absorption of lead over the skin or orifices	No fire, sparks, open flames or smoking. Wear acid-resistant gloves and clothing and safety glasses with side guards. Do not place any conductive objects on the battery and avoid any short circuit from battery positive to ground. Only fill liquid battery electrolyte (diluted sulfuric acid) into suitable and appropriately marked containers.	AS54.10-Z-0001-01A
Danger!	Risk of injury to fingers being jammed or squeezed when removing and installing or aligning hoods, doors, trunk lid/liftgate or sliding roof. Open engine hood	Keep body parts and limbs well clear of moving parts. Model 163.136 /154 /172 #A up to 145272, Model 163.136 /154 /172 #X up to 708318 Model 163.136 / 154 / 172 #A as of 145273, Model 163.136 /154 /172 #X as of 708319, Model 163.113 /128 /157 /174 /175	AS00.00-Z-0011-01A AR88.40-P-1000GH AR88.40-P-1000GI
	2 Disconnect battery ground line Notes on battery	Insulate cable lug of ground line to provide protection from unintentional contact of disconnected ground line. All models	AR54.10-P-0003A AH54.10-P-0001-01A
	3 Remove air filter housing	Installation: Apply liquid lubricant to the assembly rubber and on the connection to the air hose. Lubricant paste	*BR00.45-Z-1002-06A
	4.1 Remove engine trim panel	Engine 112, 113 only. Detach engine cover vertically upwards from cylinder head cover.	
	5 Slacken poly-V belt	Do not remove poly-V belt! Engine 111 Engine 112.942 /970, Engine 113.942 Engine 113.981/ 965	AR13.22-P-1202A AR13.22-P-1202B AR13.22-P-1202BA

6	Disconnect electrical line circuit 30 (B+) (1) and electrical line circuit 61 (D+) (2).	 For engine 112, 113 remove cover sleeve (4).  	*BA15.40-P-1001-01A *BA15.40-P-1002-01A
7	Remove bolts (3) on alternator (G2)		*BA15.40-P-1003-01A
8	Take out alternator (G2)		
9	Install in the reverse sequence		
10	Perform basic programming		AR00.19-P-0200GH
 Danger!	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	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
11	Carry out engine test run	 Visual inspection of the poly-V belt.	
12	Carry out functional test		

Alternator

Number	Designation		Engine 111	Engine 112.91/92/94/953/954/955/96/97 except 112.976, engine 113.94/96/98
BA15.40-P-1001-01A	Nut, circuit B+ to alternator	Nm	15	18
BA15.40-P-1002-01A	Nut, circuit D+ to alternator	Nm	4	5
BA15.40-P-1003-01A	Alternator bolt	Nm	42	42

Repair materials

Number	Designation	Order number
BR00.45-Z-1002-06A	Lubricating paste, rubber parts 2.5 kg, DB supply specification 6867.00	A 000 989 01 60