

ENGINE 113.960 /986 in MODEL 215

ENGINE 112.922 /944 /972 /975, 113.941 /948 /960 /966 /986 in MODEL 220

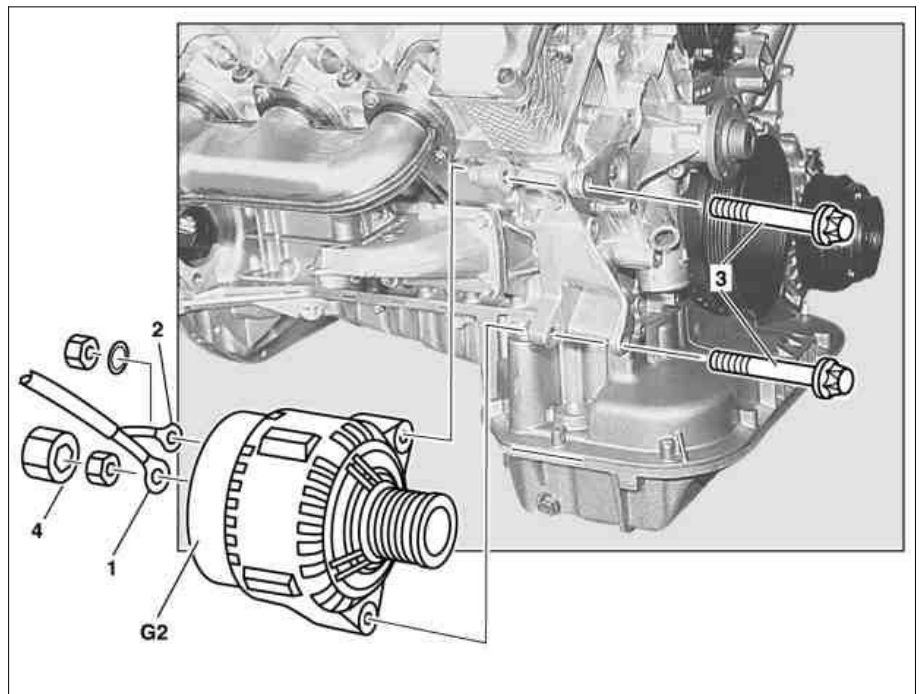
Shown on model 220 with engine 112

- 6 Nut  
 7 Coolant expansion reservoir  
 8 Air intake pipe  
 9 Engine cover



P15.40-2006-11

- 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

⚠	<b>Remove/install</b>		
⚠ <b>Danger!</b>	<p><b>Risk of explosion</b> caused by oxyhydrogen gas. <b>Risk of poisoning and caustic burns</b> caused by swallowing battery acid. <b>Risk of injury</b> caused by burns to skin and eyes from battery acid or when handling damaged lead-acid batteries</p> <p>Disconnect battery ground line</p>	<p>No fire, sparks, open flames or smoking. Wear acid-resistant gloves, clothing and glasses. Only pour battery acid into suitable and appropriately marked containers.</p> <p>⚠ Do not connect a quiescent current retention device. Risk of short circuit!</p> <p><b>i</b> Vehicles with Keyless Go, Code 889: Switch off engine, remove Keyless Go cards out of vehicle and store outside of the transmitter range.</p>	<p>AS54.10-Z-0001-01A</p> <p>AR54.10-P-0003I</p>
1			

①	Notes on battery	Turn key in electronic ignition switch EIS into position "0". Key cannot be withdrawn. All models	AH54.10-P-0001-01A
2	Remove poly-V belt		AR13.22-P-1202BA
3	Unscrew nut (6), remove coolant expansion reservoir (7) and swing to one side	Do not detach lines.	
4	Remove air intake pipe (8)	Only right side	
5	Unclip and remove engine cover (9)		
6	Remove fan shroud	Only vehicles with engine 113.	AR20.40-P-6800AB
7	Remove bolts (3) of the alternator (G2)		*BA15.40-P-1003-01A
8	Disconnect electrical line circuit 30 (B+) (1) and electrical line circuit 61 (D+) (2).	<b>Installation:</b> Observe installation position of electrical line circuit 30 (B+) (1) . Nut, circuit B+ to alternator Nut, circuit D+ to alternator	*BA15.40-P-1001-01A *BA15.40-P-1002-01A
9	Lift alternator (G2) up and out		
10	Install in the reverse sequence		
11	Carry out functional test		
12	Perform basic programming		AR00.19-P-0200M

### Alternator

Number	Designation	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 18
BA15.40-P-1002-01A	Nut, circuit D+ to alternator	Nm 5
BA15.40-P-1003-01A	Alternator bolt	Nm 42