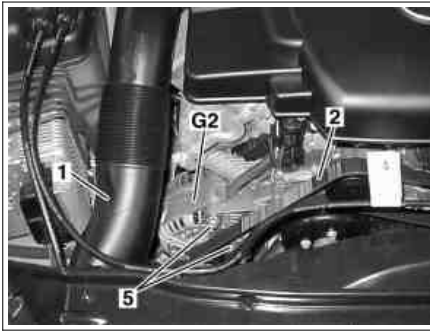


ENGINE 112, 113 in MODEL 230



P15.40-2131-01

- | | | | |
|----|-----------------|---|-----------------------------------|
| 1 | Air intake pipe | 3 | Electrical cable, circuit 30 (B+) |
| 2 | Poly-V-belt | 4 | Electric cable, circuit. 61 (D+) |
| 5 | Bolts | | |
| G2 | Alternator | | |



P15.40-2132-01

Remove/install			
	<p>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</p>	<p>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.</p>	AS54.10-Z-0001-01A
1	Disconnect ground lines at the batteries	⚠ Do not connect a quiescent current retention unit in order to avoid a short-circuit.	AR54.10-P-0003R AH54.10-P-0001-01A
	Notes on battery		
2	Remove right air intake pipe (1)		
3.1	Remove poly-V belt for supercharger	Model 230.472 /474	AR13.21-P-1202RVK
4	Remove poly-V belt (2)		AR13.22-P-1202R
5	Remove center engine compartment paneling		AR61.20-P-1105R
6	Disconnect electric cables (3, 4) at the alternator (G2)	<p>i Installation: Observe routing of line (3).</p> <p>Nm</p>	*BA15.40-P-1001-01A
7	Remove bolts (5) of alternator (G2)	Nm	*BA15.40-P-1005-01A
8	Lift alternator (G2) up and out		
9	Install in the reverse sequence		
10	Carry out functional test		

Nm Alternator

Number	Designation		Engine 112.91/92/94/ 953/954/955/ 96/97 except 112.976, engine 113.94/96/98	Engine 113.963 in model 230	Engine 113.992/ 995 in model 230
BA15.40-P-1001-01A	Nut, circuit B+ to alternator	Nm	18	14	18
BA15.40-P-1005-01A	Self-tapping bolt, alternator to tapping case	Thread not pre-tapped	Nm	57	57
		Thread pre-tapped	Nm	45	45