



P15.40-2289-07

1 Cap

2 Nut

3 Electric cable, circuit 30 (B+)

4 Terminal 61 for electrical line (D+) connector

5 Lower screws

6 Upper screws

G2 Generator

	Remove/install		
⚠	<b>Danger!</b>	<b>Risk of explosion</b> caused by escaping oxyhydrogen gas. <b>Risk of injury</b> caused by caustic burns to eyes, skin and mucous membranes from battery electrolyte (contains diluted sulfuric acid) or metal spatter due to short circuit. <b>Risk of burn injuries</b> caused by short circuit. <b>Risk of poisoning</b> 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.
1	Disconnect ground cable of battery	ⓘ Insulate ground line clamp as a protection against unintentional contact of dismantled ground line with ground point of battery.	AS54.10-Z-0001-01A AR54.10-P-0003GZ AH54.10-P-0001-01A
ⓘ	Notes on battery		
2	Remove front engine cover		
3	Remove left and right engine intake air ducts		
4	Remove poly-V belt		AR13.20-P-0001GZA
5	Remove cap (1) and disconnect circuit 30 electrical line (B+) (3) from alternator (G2) by unscrewing nut (2).	Nm	*BA15.40-P-1002-01F
6	Remove electrical line plug of tml. 61 (D+) (4) from alternator (G2)		
7	Unscrew bottom bolts (5) of the alternator (G2)	Nm	*BA15.40-P-1001-01F
8	Unscrew top bolts (6) of the alternator (G2)	Nm	*BA15.40-P-1001-01F
9	Take alternator (G2) down and out		
10	Install in the reverse order		
11	Connect STAR DIAGNOSIS and read fault memory	ⓘ Stored faults which may be caused by disconnecting cables or by simulation during test operations, must be erased in the fault memory after completing the work.	

## Nm Alternator

Number	Designation	Nm	Engine	Engine
			272	273
BA15.40-P-1001-01F	Bolt, alternator to timing case	Nm	20	20
BA15.40-P-1002-01F	Nut of circuit B+ to generator	Nm	15	15