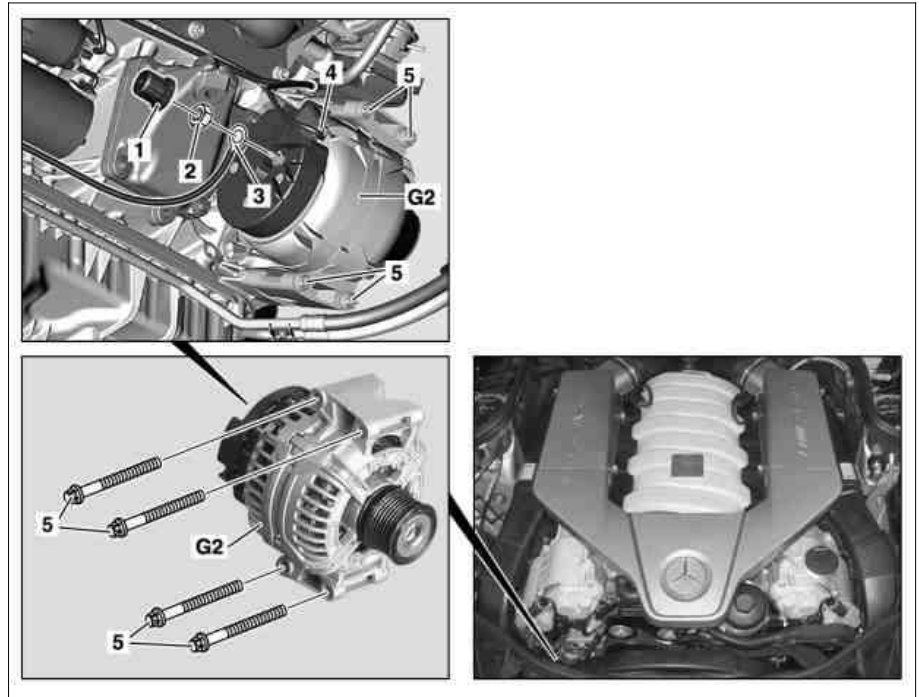


- 1 Cap
  - 2 Nut
  - 3 Electric cable, circuit 30 (B+)
  - 4 Circuit 61 electrical line (D+) connector
  - 5 Bolts
- G2 Alternator



P15.40-2367-06

	<p><b>Remove/install</b></p>	<p>Keep body parts and limbs well clear of moving parts.</p>	<p>AS00.00-Z-0011-01A</p>
	<p><b>Risk of injury</b> caused by <b>fingers being pinched or crushed</b> when removing, installing or aligning hoods, doors, trunk lids, tailgates or sliding roof.</p>	<p>Keep body parts and limbs well clear of moving parts.</p>	<p>AS00.00-Z-0011-01A</p>
	<p><b>Risk of death</b> caused by vehicle slipping or toppling off the lifting platform.</p>	<p>Align vehicle between columns of lifting platform and position four support plates at lifting platform support points specified by vehicle manufacturer.</p>	<p>AS00.00-Z-0010-01A</p>
<p>1</p>	<p><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</p> <p>Disconnect ground line from battery</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> <p> Insulate clamp of ground line as a protection against unintentional contact of dismantled ground line with ground point of battery.</p> <p> Vehicles with Keyless Go, code 889: Switch engine off, remove Keyless-Go cards from the vehicle and store outside of the transmitter range.</p> <p>Model 164 Model 251</p>	<p>AS54.10-Z-0001-01A</p>
<p></p>	<p>Notes on battery</p>		<p>AR54.10-P-0003GZ AR54.10-P-0003RT AH54.10-P-0001-01A</p>
<p>2</p>	<p>Open engine hood</p>	<p>Model 164 Model 251</p>	<p>AR88.40-P-1000GZ AR88.40-P-1000RT</p>
<p>3</p>	<p>Remove front engine cover</p>	<p> Do not tilt front engine cover, but lift upwards vertically otherwise the retaining lugs can break off.</p>	
<p>4</p>	<p>Remove right and left intake air duct</p>		
<p>5</p>	<p>Unclip engine wiring harness clip on alternator (G2)</p>		
<p>6</p>	<p>Raise vehicle with lifting platform</p>	<p>Model 164 Model 251</p>	<p>AR00.60-P-1000GZ AR00.60-P-1000RT</p>
<p>7</p>	<p>Remove lower engine compartment paneling</p>	<p>Model 164 Model 251</p>	<p>AR61.20-P-1105GZ AR61.20-P-1105RT</p>
<p>8</p>	<p>Remove poly-V-belt</p>		<p>AR13.22-P-1202GZS</p>

9	Drain coolant from radiator		AR20.00-P-1142GZS
10	Remove lower coolant hose on water pump <b>Use hose pinch-off pliers instead.</b>	For model 251 the coolant hose must also be disconnected from the expansion reservoir.	
11	Disconnect oil heat exchanger oil line at flange connection	<b>i</b> Check engine oil level.	
12	Remove cap (1) and disconnect circuit 30 electrical line (B+) (3) at alternator (G2) by unscrewing nut (2).	<b>Nm</b>	*BA15.40-P-1002-01P
13	Remove electrical line plug of circuit 61 (D+) (4) from the alternator (G2)		
14	Remove bolts (5) on alternator (G2)	<b>i</b> <b>Installation:</b> Screw ground strap back on again. <b>Nm</b>	*BA15.40-P-1001-01P
15	Take generator (G2) down and out		
16	Install in the reverse order		
17	Perform basic programming	Model 164 Model 251	AR00.19-P-0200GZ AR00.19-P-0200RT

**Nm** Alternator

Number	Designation		Engine 156
BA15.40-P-1001-01P	Bolt, alternator to timing case	M8×90 Nm	20=14.75 ft. lbs.
BA15.40-P-1002-01P	Nut, circuit B+ to alternator	Nm	18=13.25 ft. lbs.