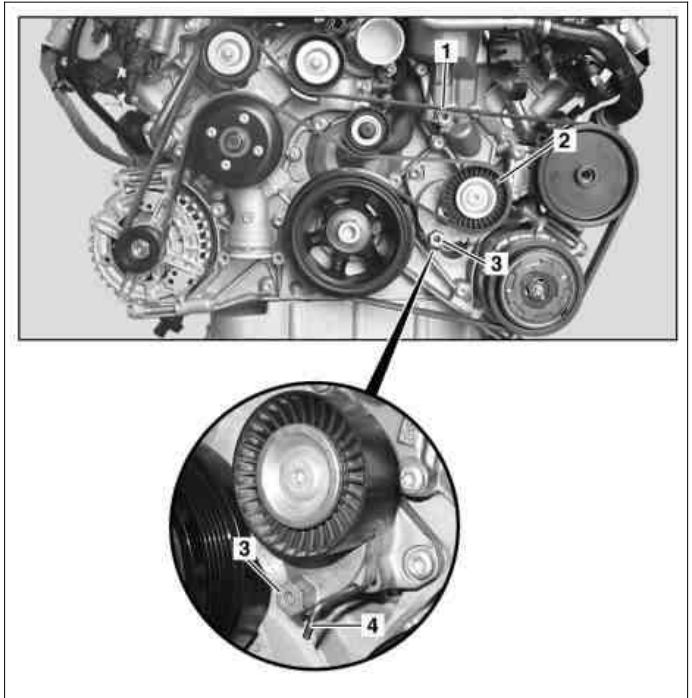


- 1 Poly-V-belt
- 2 Tensioner pulley
- 3 Hexagon
- 4 Pin/drift



P13.25-2051-12

Modification notes

7.8.09	Value modified: Guide pulley on coolant pump housing (between power steering pump and guide pulley with grooved channel profile)		*BA13.25-P-1003-01U
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Removing			
	Risk of death caused by vehicle slipping or toppling off the lifting platform.	Align vehicle between columns of lifting platform and position four support plates at lifting platform support points specified by vehicle manufacturer.	AS00.00-Z-0010-01A
	Risk of injury caused by fingers being pinched or crushed when removing, installing or aligning hoods, doors, trunk lids, tailgates or sliding roof.	Keep body parts and limbs well clear of moving parts.	AS00.00-Z-0011-01A
1	Open engine hood	Model 164 Model 251	AR88.40-P-1000GZ AR88.40-P-1000RT
2	Remove left and right intake air duct		
3	Remove front engine cover	⚠ Do not tilt front engine cover, but lift upwards vertically otherwise the retaining lugs can break off.	
4	Raise vehicle with lifting platform	Model 164 Model 251	AR00.60-P-1000GZ AR00.60-P-1000RT
5	Remove lower engine compartment paneling	Model 251	AR61.20-P-1105GZ AR61.20-P-1105RT
6	Loosen poly-V-belt (1) and remove	<p>i The tensioner pulley (2) is more accessible from below.</p> <p>i To do this, turn the hexagon (3) at the tensioner pulley (2) in an anti-clockwise direction and lock the tensioning pulley (2) with a pin or drift (4) (5 mm diameter).</p>	
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Checking			
7	Inspect belt pulley sections and tensioning device	i Check for wear, damage or soiling and replace if necessary.	
8	Check guide pulley	i Replace if necessary.	*BA13.25-P-1003-01U *BA13.25-P-1004-01U *BA13.25-P-1005-01U
9	Check poly-V-belt (1) Check poly-V-belt in visible range for wear	Model 164 Model 251	AP13.22-P-1352GZ AP13.22-P-1352RT

	Install		
10	Install poly-V-belt (1) and tighten it.	<p> Do not use belt wax or any similar products.</p> <p> Start in numerical order of the relevant running diagram at tensioner pulley (2), refer to: ↓ Layout diagram of poly V-belt</p>	AR13.22-P-3902-02AMG
11	<p>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</p> <p>Carry out engine test run</p>	<p>Secure vehicle to prevent it from moving by itself.</p> <p>Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.</p>	AS00.00-Z-0005-01A
12	Close engine hood	Model 164 Model 251	AR88.40-P-1000GZ AR88.40-P-1000RT

Belt tensioning device

Number	Designation	Engine 156, 159
BA13.25-P-1003-01U	Guide pulley on coolant pump housing (between power steering pump and guide pulley with grooved channel profile)	Nm 30
BA13.25-P-1004-01U	Guide pulley on coolant pump housing (between alternator and smooth guide pulley)	Nm 20
BA13.25-P-1005-01U	Guide pulley (between poly-V-belt tensioning device and coolant pump)	Nm 20