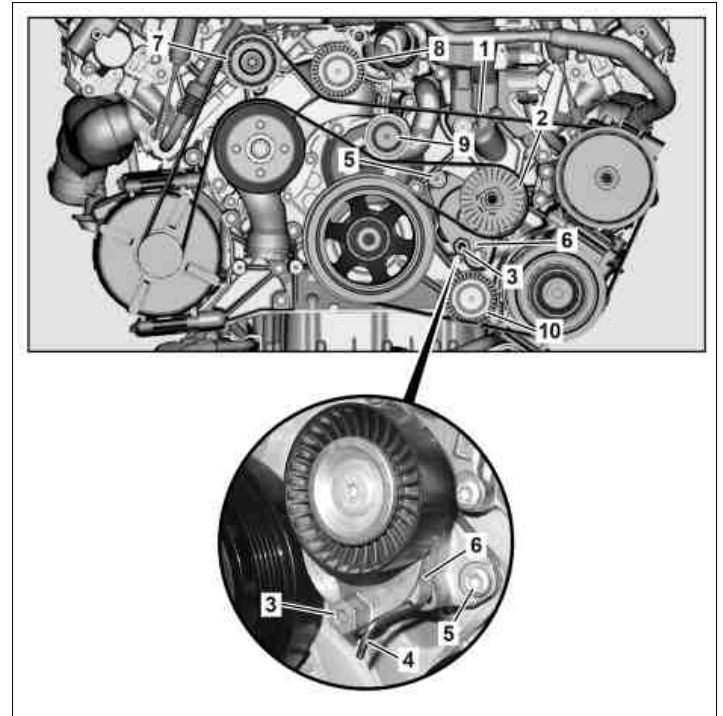


ENGINE 156 in MODEL 204, 212

Modification notes

6.8.09	Value changed: guide pulley to coolant pump housing (between power steering pump and guide pulley with grooved channel profile)		BA13.25-P-1003-01U
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- 1 Poly-V belt
- 2 Tensioner pulley
- 3 Hexagon
- 4 Pin
- 5 Screw/bolts
- 6 Poly-V belt tensioning device
- 7 Guide pulley
- 8 Guide pulley
- 9 Guide pulley
- 10 Guide pulley



P13.20-2059-12

	Remove/install		
Danger !	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between vehicle lift columns and position the four support plates at the vehicle lift support points specified by vehicle manufacturer.	AS00.00-Z-0010-01A
Danger !	Risk of injury caused by fingers being jammed or pinched when removing, installing or aligning hoods, doors, trunk lid/rear-end door or sliding roof.	No parts of the body or limbs should be within the operating area when the components are moving.	AS00.00-Z-0011-01A
1	Remove engine air intake duct and front engine cover	Do not tilt front engine cover, but lift it off vertically toward top. The retaining lugs could break off otherwise.	
2	Remove bottom engine compartment paneling		AR61.20-P-1105EW
3	Loosen poly-V belt (1) and remove	To do this, turn the hexagon (3) counterclockwise and lock the poly-V belt tensioning device (6) with a drift pin (4) (5 mm dia.). Installation: Fit on and poly-V belt (1) as per routing diagram and tension. Do not use belt wax or similar products.	AR13.22-P-3902-02AMG
	Check		
4	Check profile of belt pulley and poly-V belt tensioning device (6) for damage and soiling		
5	Check poly-V belt (1) for wear and damage; replace if necessary		

AP		ENGINE 156 in MODEL 204	AP13.22-P-1352CW
AP		ENGINE 156 in MODEL 212	AP13.22-P-1352EW
6	Check guide pulleys (7, 8, 9, 10) and replace if necessary	<p> Guide pulley to coolant pump housing (between power steering pump and guide pulley with grooved channel profile)</p> <p> Guide pulley to coolant pump housing (between alternator and smooth guide pulley)</p> <p> Guide pulley (between poly-V belt tensioning device and coolant pump)</p> <p> Guide pulley between A/C compressor and vibration damper</p>	<p>*BA13.25-P-1003-01U</p> <p>*BA13.25-P-1004-01U</p> <p>*BA13.25-P-1005-01U</p> <p>*BA13.25-P-1006-01U</p>
	Carry out operation steps 7 and 8 only if removing/installing the poly-V belt tensioning device (6)		
7	Remove screw/bolts (5) and poly-V belt tensioning device (6)	Screw/bolt, poly-V belt tensioning device to timing case cover	*BA13.25-P-1001-01U
	Check		
8	Check poly-V belt tensioning device (6) for damage and soiling; replace if necessary		
9	Install in the reverse order		
Danger !	Risk of accident from vehicle starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running.	Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
10	Carry out an engine test run		

Belt tensioning device

Number	Designation		ENGINE 156, 159
BA13.25-P-1005-01U	Guide pulley (between poly-V belt tensioning device and coolant pump)	Nm	20

Belt tensioning device

Number	Designation		ENGINE 156, 159
BA13.25-P-1004-01U	Guide pulley to coolant pump housing (between alternator and smooth guide pulley)	Nm	20

Belt tensioning device

Number	Designation		ENGINE 156, 159
BA13.25-P-1003-01U	Guide pulley to coolant pump housing (between power steering pump and guide pulley with grooved channel profile)	Nm	30

Belt tensioning device

Number	Designation		ENGINE 156, 159
BA13.25-P-1001-01U	Screw/bolt, poly-V belt tensioning device to timing case cover	M8 Nm	20

Belt tensioning device

Number	Designation		ENGINE 156, 159
BA13.25-P-1006-01U	Guide pulley between A/C compressor and vibration damper	Nm	30