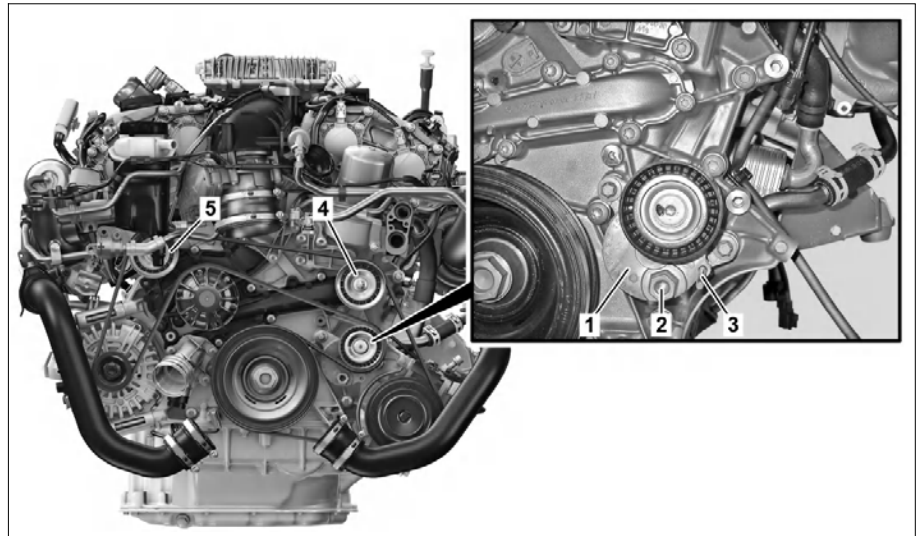


## Engine 276.8 in model 207, 212, 218

- 1 Tensioning device
- 2 Hexagon
- 3 Drift
- 4 Guide pulley
- 5 Guide pulley



P13.20-2111-05

☒ ☒	Remove/install		
⚠ Warning	<b>Risk of injury</b> caused by pinching or crushing when working on springs or spring bodies that are under tension	Use only approved tensioning devices; additionally screen off hazardous area if necessary. Check special tools for damage and proper operation (visual inspection). Wear protective gloves.	AS00.00-Z-0001-01A
1	Remove upper engine cover	<b>i</b> <b>Installation:</b> Ensure correct seating of the engine cover.	
2	Unfasten charge air cooler and pull to the front with attached coolant lines		AR09.41-P-6819ELS
3	Slacken poly-V belt and remove	Routing diagram for poly-V belt <b>⚠ Installation:</b> Do not use belt wax or similar products. This can lead to slipping of the poly-V belt. <b>i</b> Swivel clamping device (1) at hexagon (2) counterclockwise, remove poly-V belt and detension clamping device (1). <b>i</b> <b>Installation:</b> Pay attention to poly-V belt routing diagram.	AR13.22-P-3902-02MM
◀	<b>Check</b>		
4	Check belt pulley profile and clamping device (1)	<b>i</b> Check for damage, wear and dirt; replace if necessary.	
5	Check guide pulleys (4, 5)	<b>i</b> Check for damage, wear and dirt; replace if necessary.	
6 AP	Check poly-V belt	<b>i</b> Check for damage, wear and dirt; replace if necessary.	AP13.22-P-1352CW
	<b>Only perform operation steps 7 through 10 for remove/install of tensioning device (1)</b>		
7	Lock clamping device (1)	<b>i</b> Swivel clamping device (1) at hexagon (2) counterclockwise and lock in place using drift (3).	
8	Remove screw/bolts on clamping device (1)	<b>Nm</b> Screw/bolt, poly-V belt tensioning device to timing case cover	*BA13.25-P-1001-01X
9	Remove clamping device (1) upwards		
10	Slacken clamping device (1)	When replacing the clamping device (1) <b>i</b> Clamp tensioning device (1) in a vise, swivel at hexagon (2) counterclockwise, pull out drift (3) and slacken tensioning device (1). <b>i</b> <b>Installation:</b> The clamping device (1) can only be mounted in a locked condition.	
	<b>Only perform operation steps 11 and 12 for removal/installation of guide pulleys (4, 5)</b>		

11	Remove screw/bolts for guide pulleys (4, 5)	Nm	Screw/bolt, guide pulley to carrier	*BA13.25-P-1003-01X
		Nm	Screw/bolt, guide pulley to coolant pump	*BA13.25-P-1004-01X
12	Remove guide pulleys (4, 5)			
13	Install in the reverse order			

**Nm** Belt tensioning device

Number	Designation		Engine 276
BA13.25-P-1001-01X	Screw/bolt, poly-V belt tensioning device to timing case cover	Nm	20

**Nm** Belt tensioning device

Number	Designation		Engine 276
BA13.25-P-1003-01X	Screw/bolt, guide pulley to carrier	Nm	25

**Nm** Belt tensioning device

Number	Designation		Engine 276
BA13.25-P-1004-01X	Screw/bolt, guide pulley to coolant pump	Nm	35