

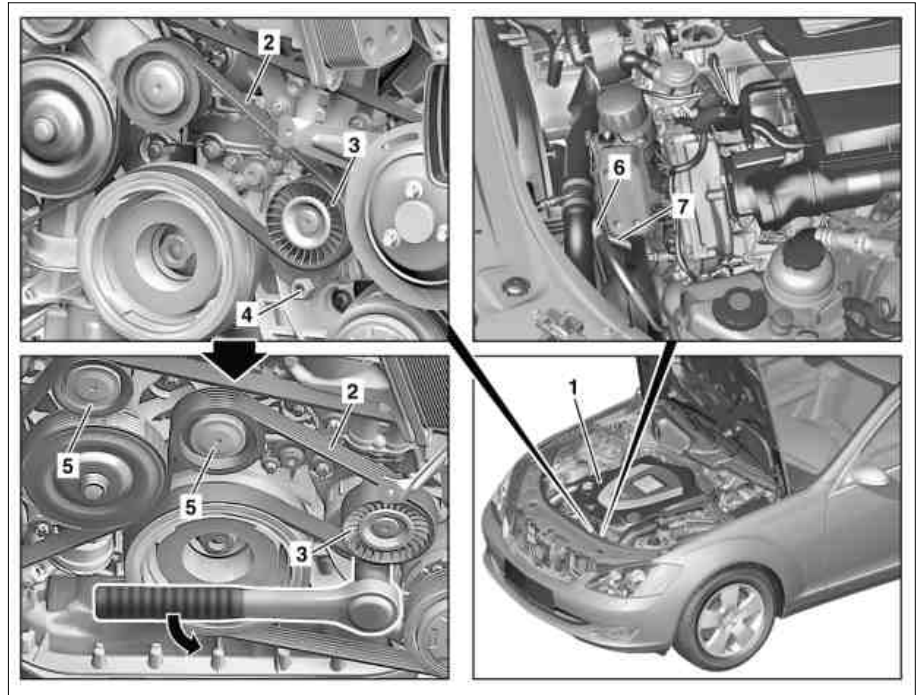
ENGINES 272 in MODEL 221

Vehicles with single-belt pulley

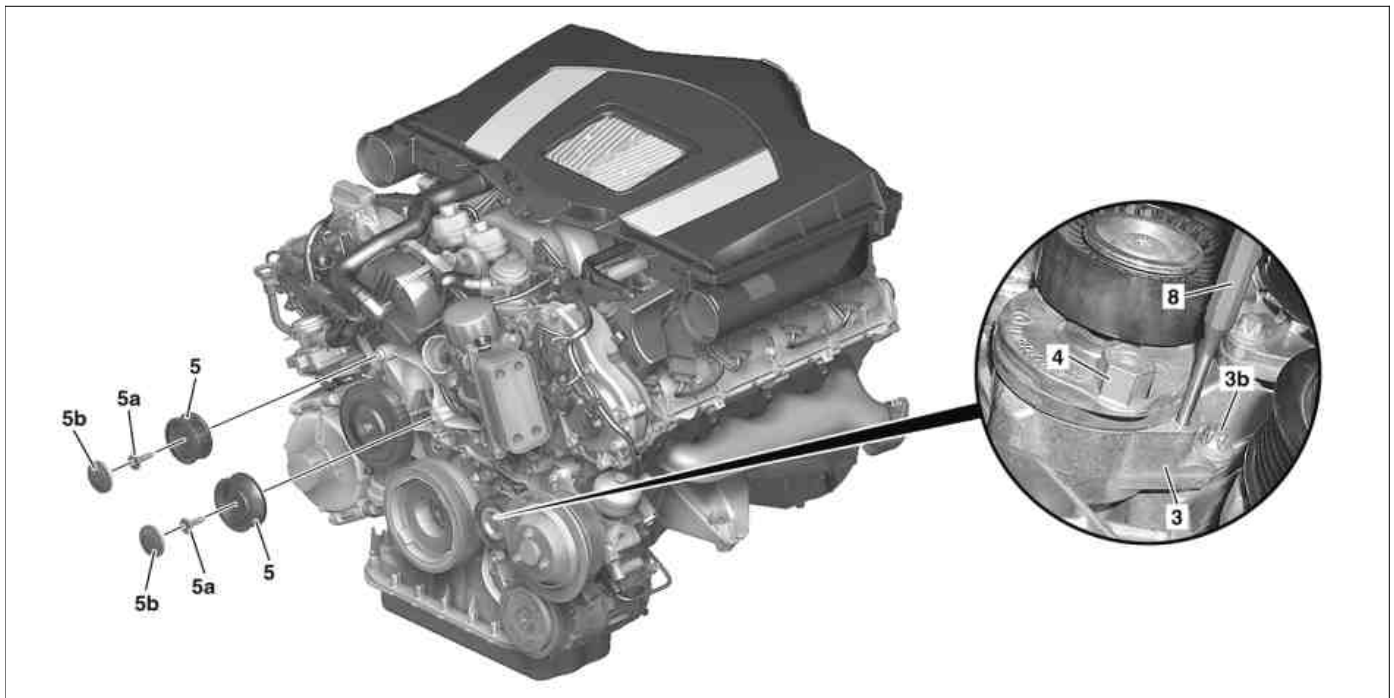
ENGINES 273 in MODEL 216, 221

Shown on engine 273.922

- 1 Front engine cover
- 2 Poly-V belt
- 3 Tensioning device
- 4 Hexagon
- 5 Guide pulleys
- 6 ABC pressure line
- 7 Bracket



P13.22-2116-06



P13.20-2054-09

Shown on engine 273.922

- 3 Tensioning device
- 3b Screw/bolts
- 4 Hexagon

- 5 Guide pulleys
- 5a Screw/bolts

- 5b Covers
- 8 Drift

**Modification notes**

27.2.12	Reference to the altered version of the poly-V belt, added	BT13.20-P-1000-01SXH
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⚠	<b>Removing</b>		
<b>Danger!</b>	<b>Risk of injury</b> caused by moving parts that can <b>pinch, crush</b> or, in extreme cases, even <b>sever</b> extremities	No parts of the body or limbs should be within the operating range of the mechanism when moving components.	AS00.00-Z-0009-01A

BT	Version of the poly-V belt altered	Model 221.095 / 195	BT13.20-P-1000-01SXH
1	Pull out front engine cover (1) from mounts		
2	Detach pressure line (6) from bracket (7)	Vehicles with Active Body Control (Code 487) only.	
3	Loosen poly-V belt (2) and remove	To do this swivel clamping device (3) on hexagon (4) counterclockwise (arrow), remove poly-V-belt (2) and slacken clamping device (3).	
	<b>Checking</b>		
4	Inspect belt pulley sections, tensioning device (3) and guide pulleys (5)	Check for damage, wear and dirt; replace if necessary.	
5	Check poly-V belt (2) and replace if required Check visible area of poly-V belt for wear		AP13.22-P-1352SX
	<b>Remove/install clamping device (3)</b>	Only perform Operation steps 6 through 9 for remove/install of clamping device (3).	
6	Lock tensioning device (3)	Swivel clamping device (3) at hexagon (4) in an anti-clockwise direction and lock in place using drift (8).	
7	Remove screw/bolts (3b) and remove clamping device (3)		*BA13.25-P-1001-01P
8	Slacken tensioning device (3)	When replacing the clamping device (3) Clamp tensioning device (3) in a vise, swivel at hexagon (4) in an anti-clockwise direction, pull out drift (8) and slacken tensioning device (3). <b>Installation:</b> The tensioning device (3) can only be installed when locked.	
9	Install in the reverse order		
	<b>Remove/install guide pulleys (5)</b>	Only perform Operation steps 10 through 12 for remove/install of guide pulleys (5).	
10	Pry off covers (5b)		
11	Remove screw/bolts (5a) and remove guide pulleys (5)		*BA20.10-P-1004-01U
12	Install in the reverse order		
	<b>Install</b>		
13	Fit on and tension (2) as per routing diagram	To do this swivel clamping device (3) on hexagon (4) counterclockwise (arrow), fit on poly-V-belt (2) and slacken clamping device (3). Do not use belt wax or any similar products. These lead to slipping of the poly-V belt (2).	AR13.22-P-3902-02SX
14	Install pressure line (6) to bracket (7)	Vehicles with Active Body Control (Code 487) only.	
15	Install front engine cover (1)		

**Belt tensioning device**

Number	Designation		Engine 272	Engine 273
BA13.25-P-1001-01P	Screw/bolt, poly-V belt tensioning device to timing case cover	Nm	35	35

**Coolant pump, coolant thermostat**

Number	Designation		Engine 272	Engine 273	
BA20.10-P-1004-01U	Screw/bolt, guide pulley between water pump and belt tensioner	Initial installation	Nm	35	35
		Follow-up operations	Nm	25	25