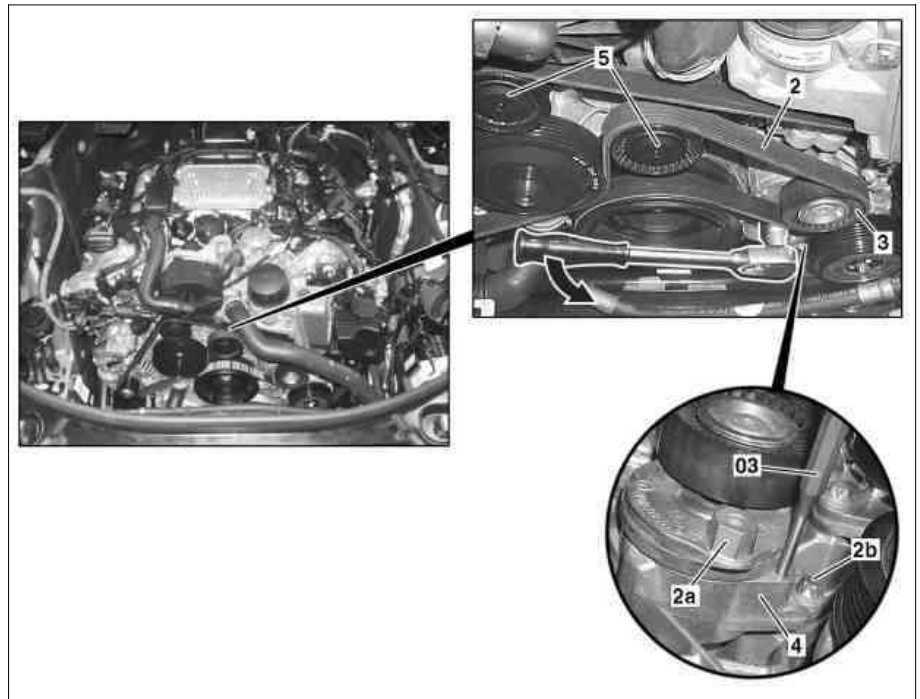


## ENGINES 272, 273 in MODEL 164, 251

- 03 Drift  
 2 Poly-V-belt  
 2a Hexagon  
 2b Bolts  
 3 Tensioner pulley  
 4 Poly-V belt tensioning device  
 5 Guide pulleys



P13.22-2121-06

	<b>Removing</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
1	Remove front engine cover		
2	Detension poly-V belt (2), remove and detension tensioner pulley (3)	To do this use a hexagon (2) on the poly-V belt tensioning device (4).	
	<b>Checking</b>		
3	Check profile of belt pulley and poly-V belt tensioning device (4) for damage and soiling		
4	Check poly-V belt (2) for wear and damage and replace if necessary Check visible area of poly-V belt for wear	Model 164.1 with engine 272.9, 164.8 with engine 273.9 Model 251.065/ 165 Model 164.1 with engine 273.9, 251.054/ 056/ 072/ 154/ 156/ 172	AP13.22-P-1352GZC AP13.22-P-1352RTC
	<b>Remove/install</b>	Only perform steps 5 through 9 for remove/install of poly-V belt tensioning device (4).	
5	Remove electric fan <b>only for</b>	<b>Model 164 with engine 273</b>	AR20.40-P-5000GZA
6	Lock poly-V belt tensioning device (4)	Swivel poly-V belt tensioning device (4) at hexagon (2a) in an anti-clockwise direction and lock in place using drift (03).	
7	Remove bolts (2b) and poly-V belt tensioning device (4)		*BA13.25-P-1001-01P
8	Unclamp poly-V belt tensioning device (4)	When replacing poly-V belt tensioning device (4) Clamp poly-V belt tensioning device (4) in a vise, swivel at hexagon (2a) in an anti-clockwise direction, pull out drift (03) and slacken poly-V belt tensioning device (4). <b>Installation:</b> The poly-V belt tensioning device (4) can only be installed when locked.	
9	Install in the reverse order		
	<b>Remove/install</b>	Only perform steps 10 through 12 for remove/install of guide pulleys (5).	
10	Remove covers for guide pulleys (5)		
11	Remove bolts to guide pulleys (5) from coolant pump and take off		*BA20.10-P-1004-01U
12	Install in the reverse order		
	<b>Install</b>		

13	Fit on and tension (2) as per routing diagram and tension	<b>i</b> To do this use a hexagon (2) on the poly-V belt tensioning device (4). <b>!</b> Do not use wax or similar products, as this may cause poly-V belt (2) to slip.	AR13.22-P-3902-02VA
14	Fit front engine cover		

**Nm** Belt tensioning device

Number	Designation		Engine 272	Engine 273
BA13.25-P-1001-01P	Bolt from poly-V belt tensioning device to timing case cover	Nm	35 =25.8 ft. lbs	35

**Nm** Coolant pump, coolant thermostat

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