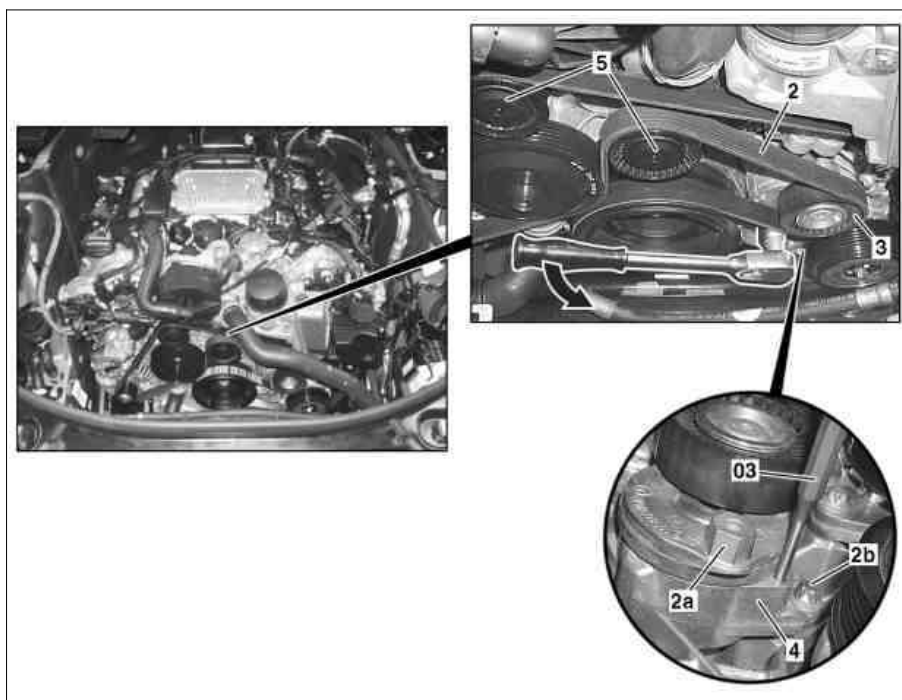


ENGINES 272, 273 in MODEL 164, 251

- 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

| | | | |
|----------------|---|---|--|
| | Removing | | |
| Danger! | Risk of injury caused by moving parts that can pinch, crush or, in extreme cases, even sever 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). | |
| | Checking | | |
| 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 |
| AP AP | | | |
| | Remove/install | Only perform steps 5 through 9 for remove/install of poly-V belt tensioning device (4). | |
| 5 | Remove electric fan | Model 164 with engine 273 | 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). Installation: The poly-V belt tensioning device (4) can only be installed when locked. | |
| 9 | Install in the reverse order | | |
| | Remove/install | 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 | | |
| | Install | | |

| | | | |
|----|---|--|---------------------|
| 13 | Fit on and tension (2) as per routing diagram and tension | i To do this use a hexagon (2) on the poly-V belt tensioning device (4). ! 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 | 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 |