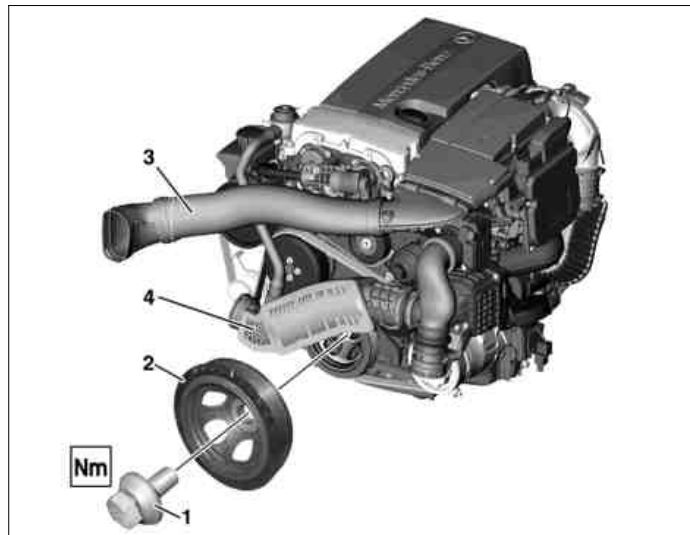


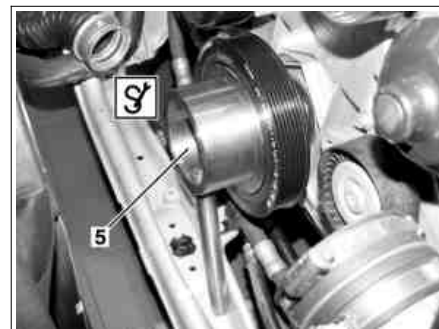
- ENGINE 271.940 in MODEL 203.042 /242 /742, 209.342 /442
- ENGINE 271.941 in MODEL 211.042 /242
- ENGINE 271.946 in MODEL 203.046 /246 /746
- ENGINE 271.948 in MODEL 203.040 /240 /740
- ENGINE 271.921 in MODEL 203.730
- ENGINE 271.955 in MODEL 209.341 /441
- ENGINE 271.956 in MODEL 211.041 /241
- ENGINE 271.942 in MODEL 203
- ENGINE 271.957 in MODEL 203.741

- 1 Center bolt
- 2 Belt pulley/vibration damper
- 3 Intake air duct
- 4 Charge air line



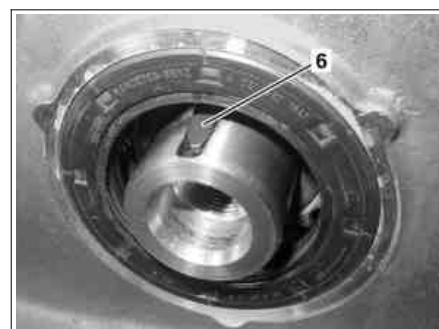
P03.30-2042-11

- 5 Counterholder












P03.30-2041-01

- 6 Woodruff key



P03.30-2051-01

☒ ☒	Remove/install		
⚠ Danger!	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between columns of vehicle lift and position four support plates at vehicle lift support points specified by vehicle manufacturer.	AS00.00-Z-0010-01A
1	Open engine hood	Model 203 Model 209 Model 211	AR88.40-P-1000P AR88.40-P-1000Q AR88.40-P-1000T
2	Unclip intake air line (3)		
3	Loosen top and bottom hose clamp and remove charge air line (4)		
4	Remove poly-V belt		AR13.22-P-1202QK

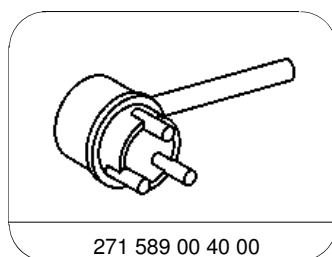
5	Remove front engine compartment paneling	Model 203, 209 Model 211	AR61.20-P-1105P AR61.20-P-1105T
6	Remove center bolt (1)	 Insert counterholder (5) into belt pulley/vibration damper (2) and unscrew center bolt (1).  	*BA03.30-P-1001-011 *271589004000
7	Pull off belt pulley / vibration damper (2)	 If it is not possible to pull off the belt pulley/vibration damper (2) by hand, it must be released with a puller: ↓ Detach belt pulley/vibration damper (2).   Inspect belt pulley/vibration damper (2) for scoring. If signs of scores are present caused by the radial seal: ↓ Replace front crankshaft radial seal and install in repair position.  Align parallel key (6). Secure through rotary movement that the groove in the belt pulley/vibration damper (2) matches the parallel key (6) in the crankshaft. If axial runout or concentric running problems exist: ↓ Inspecting belt pulley / vibration damper (2) for axial and radial runout. Permissible difference at vibration damper  	AR03.30-P-1600-02GS *000589883300 AR03.20-P-3000Q AR03.30-P-1600-01GS *BE03.30-P-1001-02C *001589532100 *363589022100
8	Install in the reverse order		

Belt pulley/vibration damper

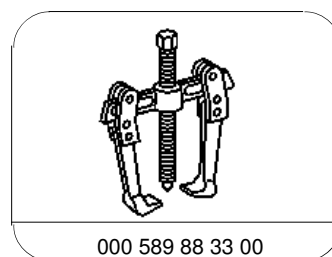
Number	Designation	Engine 271
BE03.30-P-1001-02C	Permissible difference at vibration damper	Radial runout mm 0.3
		Lateral trueness mm 0.3

Flywheel, driven plate, vibration damper, starter ring gear

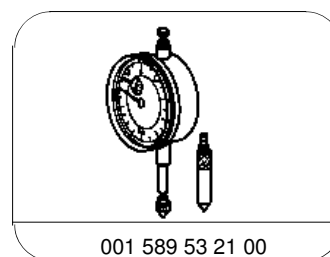
Number	Designation	Engine 271
BA03.30-P-1001-011	Central bolt, belt pulley to crankshaft	Stage 1 Nm 200
		Stage 2 ° 90



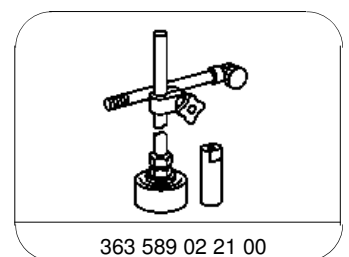
Counterholder



Two-armed puller



Dial indicator



Dial indicator holder