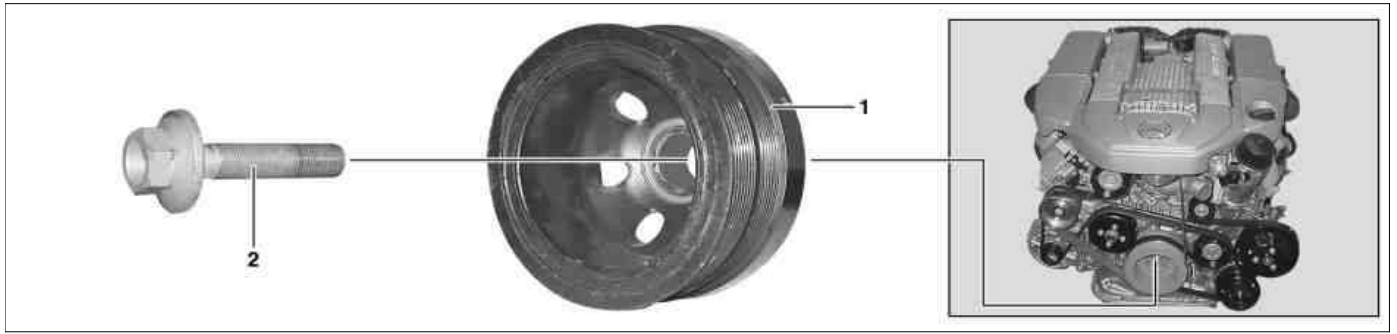


ENGINES 113.990 in MODEL 211.076 /276
ENGINES 113.991 in MODEL 215.374, 220.074 /174
ENGINES 113.992 in MODEL 230.474
ENGINES 113.995 in MODEL 230.472



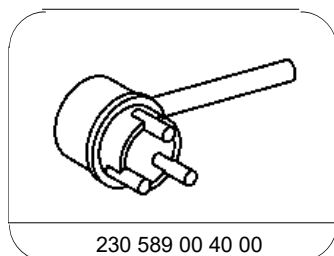
P03.30-2125-07

1 Belt pulley/vibration damper 2 Center bolt

	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	Remove front engine cover		
2	Remove fan shroud	Model 211 Model 215, 220, 230	AR20.40-P-6800TC AR20.40-P-6800AB
3	Remove poly-V belt on supercharger		AR13.21-P-1202RVK
4	Remove poly-V belt	Model 211 Model 215, 220, 230	AR13.22-P-1202RV AR13.22-P-1202R
5	Remove center bolt (2)	Installation: The center bolt (2) should always be replaced. Installation: Make two markings on the counterholder to aid applying the tightening angle. Use extension. Nm Counterholder	*BA03.30-P-1001-01D *230589004000
6	Detach belt pulley/vibration damper (1) from crankshaft	Installation: The groove on belt pulley/vibration damper (1) must engage in feather key of the crankshaft.	
	Checking		
7	Check tread of crankshaft radial sealing ring at hub of belt pulley/vibration damper (1)	Check for scoring and galling; if necessary: ↓ Replace belt pulley/vibration damper (1).	
8.1	Replace front crankshaft radial sealing ring	When replacing belt pulley/vibration damper (1) or in the event of leaks at crankshaft radial sealing ring.	AR03.20-P-3000RVK
9	Install in the reverse order		
10	Check engine oil level and replenish oil if necessary	Model 211, 230 Model 215, 220	AR18.00-P-3035-01O AR18.00-P-3035-01DA
Danger!	Risk of accident caused by vehicle starting off by itself when engine is running. Risk of injury caused by contusions and burns during starting procedure or when working near the engine as it is running	Secure vehicle to prevent it from moving by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
11	Conduct engine test run and check engine for leaks	In the event of oil loss determine and eliminate cause, otherwise malfunctions, transmission damage, and serious environmental pollution may occur.	

Flywheel, driven plate, vibration damper, starter ring gear

Number	Designation	Engine 113.990/ 991/992/ 993/995		
BA03.30-P-1001-01D	Central bolt to vibration damper	Stage 1	Nm	200
		Stage 2	⌵°	90



Counterholder