ENGINE	**112.945 in MODEL 463.209 /232 /233 /244 /245 /250**
ENGINE	**112 in MODEL 129, 163, 170, 202, 203, 208, 209, 210, 220**
ENGINE	**113.962 in MODEL 463.206 /240 /241 /247 /248 /249 /254**
ENGINE	**113 in MODEL 129, 163, 202, 208, 209, 210, 211.076 /276, 215, 220, 230.474 /475**
ENGINE	**137 in MODEL 215, 220**
ENGINE	**112.913 in MODEL 211.061 /261**
ENGINE	**112.949 in MODEL 211.065 /265**
ENGINE	**113.967 in MODEL 211.070 /270**
ENGINE	**113.987 in MODEL 209.376**
ENGINE	**113.982 in MODEL 463.243 /246**
ENGINE	**112.917 in MODEL 211.080 /280**
ENGINE	**112.954 in MODEL 211.082 /282**
ENGINE	**113.969 in MODEL 211.083 /283**

Shown on engine 112 with manual transmission

1   *Flywheel with starter ring gear*
2   *Washer*
3   *Bolts*
4   *Cylinder pin*
5   *Crankshaft*
6   *Retaining lock*
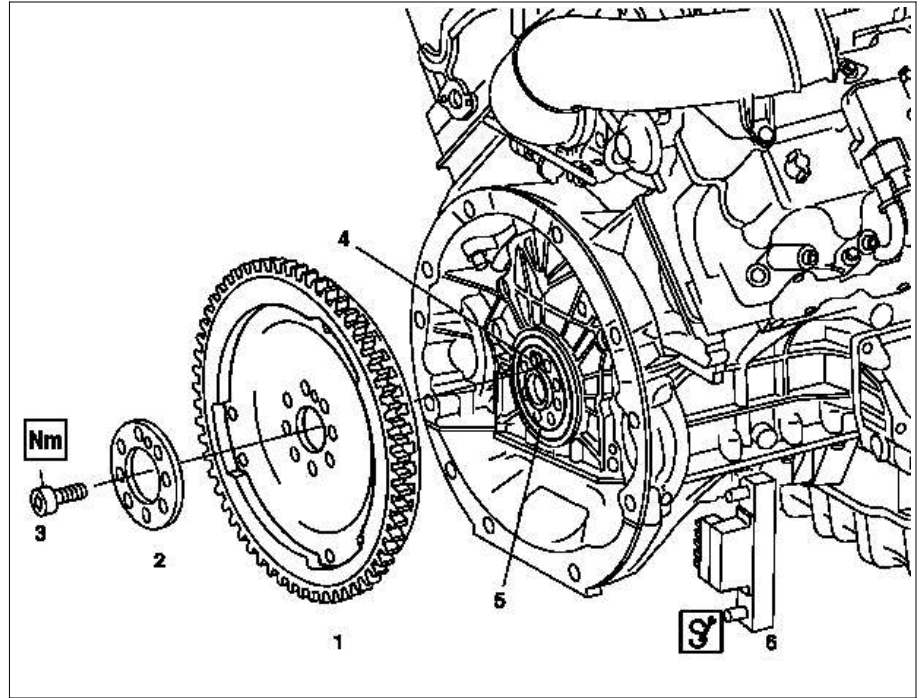
P03.30-0283-06

Modification notes

5.7.11	Value modified: Bolt, pressure plate to flywheel or two-mass flywheel		*BA25.10-P-1001-01A

⛶ ⛶		**Remove/install**		
		Risk of death caused by vehicle slipping or toppling off the lifting platform.	Align vehicle between columns of lifting platform and position the four support plates at lifting platform support points specified by vehicle manufacturer.	AS00.00-Z-0010-01A
1.1		Remove automatic transmission	Model 129, 170, 202, 208, 210	AR27.10-P-0500B
			Model 463	AR27.10-P-0500BD
			Model 463	AR27.10-P-0500GA
			Model 230.474 /475	AR27.10-P-0500R
			Model 215, 220 without 4MATIC with engine 112, 113	AR27.10-P-0500I
			Model 220, 211 with 4MATIC with engine 112, 113	AR27.10-P-0500IW
			Model 215, 220 with engine 137	AR27.10-P-0500I
			Model 203 without 4MATIC, 209 with engine 112, 113	AR27.10-P-0500P
			Model 203 with 4MATIC	AR27.10-P-0500PW
			Model 211 without 4MATIC with engine 112, 113	AR27.10-P-0500T
			Model 163 with engine 112, 113	AR27.10-P-0500GH
1.2		Remove manual transmission	Model 210, 202, 129 with engine 112	AR26.10-P-0020A
			Model 203, 209 with engine 112	AR26.10-P-0020P
			Model 211 with engine 112	AR26.10-P-0020T
			Model 170	AR26.10-P-0020D

1.3	Remove Sequentronic automated manual transmission (AMT)	Model 203, 208, 209.3 with engine 112	AR26.10-P-0020E
		Model 211.0 with engine 112	AR26.10-P-0020TA
2	Install retaining lock (6) for crankshaft (5) and starter ring gear		AR03.30-P-5000B
3.1	Detach clutch	Vehicles with manual transmission	
		ℹ️ Only unscrew or screw in bolts by 1 to 1.5 turns at a time	
		Model 129, 163, 170, 202, 208, 210	AR25.10-P-0050A
		Model 203, 209, 211	AR25.10-P-0050P
		Nm Bolt, pressure plate to flywheel or two-mass flywheel	*BA25.10-P-1001-01A
4	Remove bolts (3) of flywheel or of drive plate	🔄 **Installation:** Replace bolts, because if they are used again, the connection may loosen and the bolts may shear off.	
		Nm Torx bolts of two-mass flywheel/driven plate at crankshaft	*BA03.30-P-1002-01D
5	Remove washer (2)		
6	Remove flywheel with starter ring gear (1) and drive plate	ℹ️ **Installation:** The cylinder pin (4) determines the installation position.	
☞GF	Flywheel, two-mass flywheel, drive plate, location	Engine 112, 113	GF03.30-P-8001-01B
7	Install in the reverse order		
8	Carry out initialization	ℹ️ If a new flywheel or drive plate is installed, perform initialization in ME control unit with STAR DIAGNOSIS in menu item "Control unit adaptation". STAR DIAGNOSIS diagnosis system	

Nm **Flywheel, driven plate, vibration damper, starter ring gear**

Number	Designation			Engine 112
BA03.30-P-1002-01D	Bolt, two-mass flywheel/drive plate to crankshaft	Stage 1	Nm	45
		Stage 2	∡°	90

Nm **Flywheel, driven plate, vibration damper, starter ring gear**

Number	Designation			Engine 113.94/96/97/98	Engine 113.990/991/992/993/995	Engine 137
BA03.30-P-1002-01D	Bolt, two-mass flywheel/drive plate to crankshaft	Stage 1	Nm	45	45	45
		Stage 2	∡°	90	90	90

Nm **Clutch**

Number	Designation		Model 129, 140, 163, 170, 202, 203, 208, 209, 210, 211, 230	Model 461, 463

BA25.10-P-1001-01A	Bolt of pressure plate to flywheel or two-mass flywheel	Stage 1	Nm	16	16
		Stage 2	Nm	25	25

ENGINE 112.945 in MODEL 463.209 /232 /233 /244 /245 /250 ENGINE 112 in MODEL 129, 163, 170, 202, 203, 208, 209, 210, 220 ENGINE 113.962 in MODEL 463.206 /240 /241 /247 /248 ...