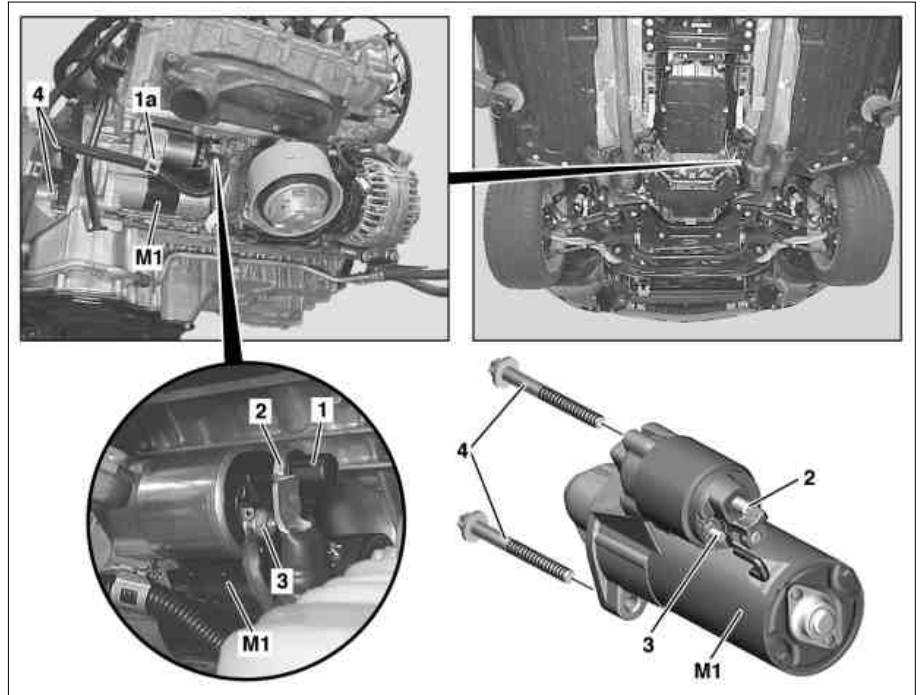


ENGINE 272.920 in MODELS 203.052 /252 /752
 ENGINE 272.940 in MODELS 203.054 /254, 209.354 /454
 ENGINE 272.960 in MODELS 203.056 /256 /756, 209.356 /456
 ENGINE 272.970 in MODELS 203.087 /287
 ENGINE 272.941 in MODELS 203.092 /292
 ENGINE 273 in MODEL 209





- 1 Protective cap
 1a Cable holder
 2 Electrical connection circuit 30
 3 Electrical connection circuit 50
 4 Bolts

M1 Starter



P15.30-2144-06

	Remove/install		
Danger!	Risk of injury caused by fingers being pinched or crushed when removing, installing or aligning hoods, doors, trunk lids, tailgates or sliding roof.	Keep body parts and limbs well clear of moving parts.	AS00.00-Z-0011-01A
Danger!	Risk of death caused by vehicle slipping or toppling off the lifting platform.	Align vehicle between columns of lifting platform and position four support plates at lifting platform support points specified by vehicle manufacturer.	AS00.00-Z-0010-01A
	Notes on self-locking nuts and bolts		AH00.00-N-0001-01A
1	Open engine hood	Model 203 Model 209	AR88.40-P-1000P AR88.40-P-1000Q
Danger!	Risk of explosion caused by escaping oxyhydrogen gas. Risk of injury caused by caustic burns to eyes, skin and mucous membranes from battery electrolyte (contains diluted sulfuric acid) or metal spatter due to short circuit. Risk of burn injuries caused by short circuit. Risk of poisoning caused by swallowing battery electrolyte (contains diluted sulfuric acid) or absorption of lead over the skin or orifices	No fire, sparks, open flames or smoking. Wear acid-resistant gloves and clothing and safety glasses with side guards. Do not place any conductive objects on the battery and avoid any short circuit from battery positive to ground. Only fill liquid battery electrolyte (diluted sulfuric acid) into suitable and appropriately marked containers.	AS54.10-Z-0001-01A
2	Disconnect ground line from battery	Insulate ground line clamp as a protection against unintentional contact of dismantled ground line with ground point of battery.	AH54.10-P-0001-01A
	Notes on battery	Model 203 Model 209	AR54.10-P-0003P AR54.10-P-0003Q
3	Raise vehicle with lifting platform		AR00.60-P-1000P
4	Dismount lower engine compartment paneling		AR61.20-P-1105P
5.1	Detach the right catalytic converter from the exhaust manifold and the catalytic converter bracket	Model 203 except 203.087 /092 /287 /292, model 209 with engine 272	
		See "Remove/install catalytic converter or front exhaust system".	AR49.10-P-5531QB
5.2	Remove complete exhaust system	Model 203.087 /092 /287 /292, model 209 with engine 273	AR49.10-P-7000QB

6	Remove exhaust shielding plate on the right for front axle gear propeller shaft	Model 203.087 /092 /287 /292	
7	Pull out protective cap (1) and dismantle electrical connection circuit 30 (2) at starter (M1)		*BA15.30-P-1001-01J
8	Dismount cable holder (1a) from starter (M1)		
9	Dismount electrical connection terminal 50 (3) at starter (M1)		*BA15.30-P-1002-01J
10	Remove bolts (4) and starter (M1) from the bottom.		*BA15.30-P-1003-01J
11	Crank engine at center bolt of crankshaft in the direction of rotation of the engine and check the ring gear at the flywheel/drive plate for wear and damage	 Only when replacing the starter (M1).	
12	Install in the reverse order		

 **Starter**

Number	Designation		Engine 272, 273
BA15.30-P-1001-01J	Nut for connection of circuit 30	Nm	15
BA15.30-P-1002-01J	Nut for connection of circuit 50	Nm	8
BA15.30-P-1003-01J	Bolt connecting starter to crankcase	Nm	40