

AR22.10-P-1100GZ

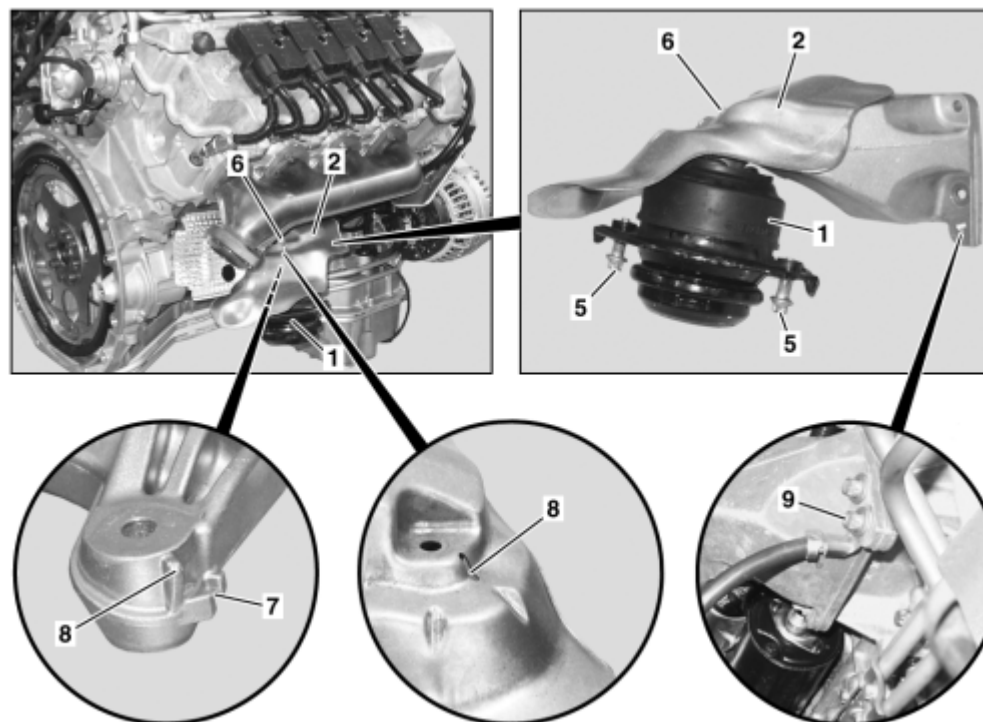
Removing/installing the engine mount

10.11.04

ENGINE 113.964 in MODEL 164.175

Shown on right-hand side of engine

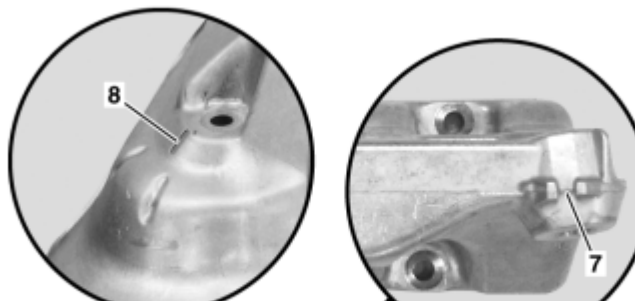
- 1 Engine mount
- 2 Shield
- 5 Bolts
- 6 Bolt
- 7 Anti-twist lock for engine mount
- 8 Anti-twist lock for shield
- 9 Bolt











P22.10-2187-06













Shown on left-hand side of engine





- 3 Engine mount
- 4 Shield
- 5 Bolts
- 6 Bolt
- 7 Anti-twist lock of the engine mount
- 8 Anti-twist lock for shield



P22.10-2186-06

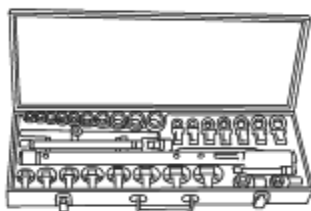
	Removing/installing		
 Danger!	Risk of injury caused by fingers being jammed or pinched when removing, installing or aligning hoods, doors, trunk lid/rear-end door or sliding roof.	When moving components, ensure that no body parts or limbs are within the operating range of moving parts.	AS00.00-Z-0011-01A
 Danger!	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between the columns of the lifting platform and position the four support plates at the lifting platform support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
 Danger!	Risk of explosion caused by oxyhydrogen gas. Risk of poisoning and caustic burns caused by swallowing battery acid. Risk of injury caused by burns to skin and eyes from battery acid or when handling damaged lead-acid batteries	No fire, sparks, open flames or smoking. Wear acid-resistant gloves, clothing and safety glasses. Only pour battery acid into suitable and appropriately marked containers.	AS54.10-Z-0001-01A
	Notes on battery	All models	AH54.10-P-0001-01A
	Notes on self-locking nuts and bolts	All models	AH00.00-N-0001-01A
1	Open engine hood		AR88.40-P-1000GZ
2.1	Disconnect ground cable from battery	 Only when removing the engine mount on the right side.	AR54.10-P-0003GZ
3	Raise vehicle with lifting platform		AR00.60-P-1000GZ
4	Remove left and right suction fan duct		
5	Remove air filter housing		AR09.10-P-1150GZ
6	Mount the engine lifting device and raise the engine until the front engine mounts (1, 3) are not under load	 Engine supporting frame basic frame side piece (M/S-class)	WE58.40-Z-1027-11A
7	Detach lower engine compartment paneling		AR61.20-P-1105GZ

8	Remove bolts (5) from the right and left engine mount (1, 3)	 Nm	BA22.10-P-1001-01S
	Right hand engine mount		
9	Remove complete exhaust system		AR49.10-P-7000GZ
10	Remove starter		AR15.30-P-7100GZ
11	Remove bolt (9) for the ground line	 Hang ground line to the side so that these are not damaged when lifting the engine using the engine support frame.	
		 Nm	BA22.10-P-1003-01S
12	Remove bolt (6) from engine mount (1)	 Nm	BA22.10-P-1002-01S
		 Tool kit	000 589 10 99 00
		 Connection piece	210 589 00 16 00
		 Four-point drive	210 589 01 16 00
13	Remove shield (2) and right engine mount (1) to the front	 Installation: Observe the anti-twist lock for the engine mount (7) and anti-twist lock for the shield (8).	
		 Observe environmental protection regulations for the disposal of engine mounts Dispose engine mounts into mixed scrap.	
	Left engine mount		
14	Remove left catalytic converter		AR49.10-P-5500GZN
15	Remove bolt (6) from engine mount (3)	 Nm	BA22.10-P-1002-01S
		 Tool kit	000 589 10 99 00
		 Connection piece	210 589 00 16 00

		 Four-point drive	210 589 01 16 00
16	Remove shield (4) and left engine mount (3) downwards below	 Installation: Observe the anti-twist lock for the engine mount (7) and anti-twist lock for the shield (8).	
		 Observe environmental protection regulations for disposal of engine mounts. give engine mount to mixed scrap metal.	
17	Install in reverse order		
18.1	Perform basic programming	 Only when removing the engine mount on the right side.	AR00.19-P-0200GZ

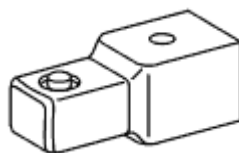
 **Engine suspension, engine mounts, engine supports**

Number	Designation	Engine 113.964 in model 164.175		
BA22.10-P-1001-01S	Bolt for front engine mounts on front axle carrier		Nm	53
BA22.10-P-1002-01S	Bolt for front engine mount on engine support		Nm	53
BA22.10-P-1003-01S	Bolt for engine support on crankcase	Stage 1	Nm	20
		Stage 2	4°	90



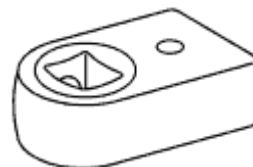
000 589 10 99 00

Tool kit



210 589 00 16 00

Connecting piece



210 589 01 16 00

Four-point drive

Workshop equipment

WE58.40-Z-1027-11A	Engine support frame
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