

ENGINE

Engine Suspension - 164 Chassis - Diesel

TESTING & REPAIR

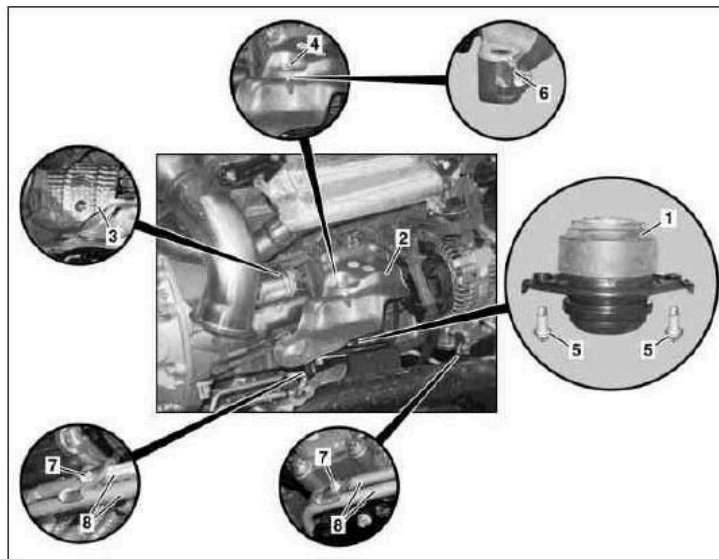
REMOVE/INSTALL ENGINE MOUNT - AR22.10-P-1100GZB

ENGINES 642 in MODEL 164

ENGINES 642 in MODEL 251.020/023/022/122/123

Shown on right side of engine

- 1 Right engine mount
- 2 Engine mount shield
- 3 Starter shield
- 4 Screw
- 5 Bolts
- 6 Anti-twist lock
- 7 Bolts
- 8 ATF lines



P22.10-2212-06

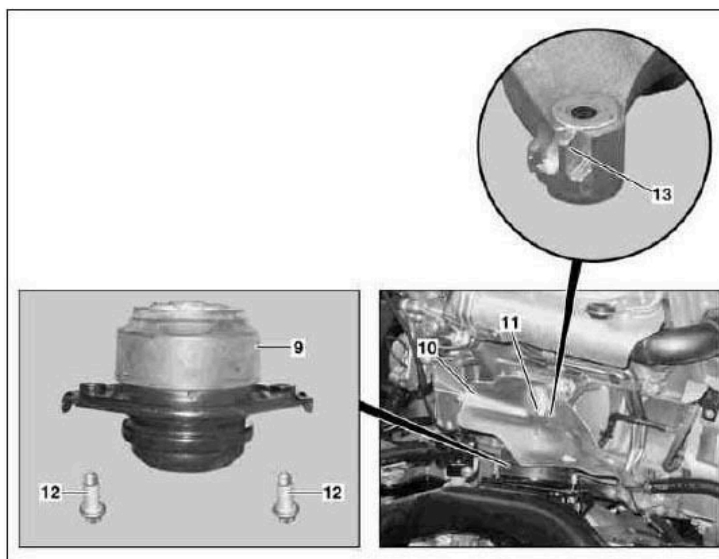
Fig. 1: Identifying Engine Mount Components - Right Side
Courtesy of MERCEDES-BENZ OF NORTH AMERICA.

Shown on left side of engine

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- 9 Left engine mount
- 10 Engine mount shield
- 11 Screw
- 12 Bolts
- 13 Anti-twist lock














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Fig. 2: Identifying Engine Mount Components - Left Side
 Courtesy of MERCEDES-BENZ OF NORTH AMERICA.

	Remove/install		
	Risk of injury caused by fingers being pinched or crushed when removing, installing or aligning hoods, doors, trunk lids, lift gates or sliding roof	Keep body parts and limbs well clear of moving parts.	<u>AS00.00-Z-0011-01A</u>
	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.	<u>AS00.00-Z-0010-01A</u>
	Notes on self-locking nuts and bolts		<u>AH00.00-N-0001-01A</u>
1.1	Removes strut tower brace	Model 164.8 only Danger! Remove strut tower brace from strut tower mounts.	<u>AR62.30-P-2500GY</u>
1.2	Remove partition wall between wheel wells	Model 251 only	AR62.30-P-2400RT
2	Remove engine trim panel	Model 164 Model 251	<u>AR01.10-P-2405GZB</u> AR01.10-P-2405RTB
3	Remove left and right engine intake air ducts		
	Right hand engine mount		
	Risk of explosion caused by oxyhydrogen		

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 4	<p>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</p> <p>Disconnect ground line at battery</p>	<p>No fire, sparks, open flames or smoking. Wear acid-resistant gloves, clothing and glasses. Only pour battery acid into suitable and appropriately marked containers.</p> <p> Insulate clamping device of the ground line in order to prevent inadvertent contact with the ground point of the battery.</p> <p>Model 164</p> <p>Model 251</p>	<p><u>AS54.10-Z-0001-01A</u></p> <p><u>AR54.10-P-0003GZ</u> AR54.10-P-0003RT <u>AH54.10-P-0001-01A</u></p>
	<p>Notes on battery</p>		
5	<p>Remove right air filter housing</p>	<p>Model 164</p> <p>Model 251</p>	<p><u>AR09.10-P-1150GZC</u> AR09.10-P-1150RTC</p>
6	<p>Partly remove poly - V belt</p>		<p><u>AR13.20-P-0001GZB</u></p>
7	<p>Remove alternator</p>		<p><u>AR15.40-P-5032GZB</u></p>
8	<p>Unclip electrical connector at engine mount shield (2)</p>		
9	<p>Remove bolt (4) from right engine mount (1) from above</p>	<p> Model 164</p> <p> Model 251</p> <p></p>	<p><u>*BA22.10-P-1002-03G</u></p> <p><u>*BA22.10-P-1002-03F</u></p> <p><u>Fig. 3</u></p>
10	<p>Remove engine mount shield (2) from above</p>	<p> Danger! Installation: Pay attention to anti-twist lock (6) at engine support.</p>	
11	<p>Remove bolt (11) from left engine mount (9).</p>	<p> Model 164</p> <p> Model 251</p>	<p><u>*BA22.10-P-1002-03G</u></p> <p><u>*BA22.10-P-1002-03F</u></p>
12	<p>Mount engine lifting device and raise engine</p>	<p>Model 164</p> <p>Model 251</p> <p> Danger! Pay attention when lifting out engine that no lines are damaged and that the engine does not lean against partition wall.</p> <p> Danger! Observe manufacturer's</p>	<p><u>AR33.10-P-0100-01GZ</u></p> <p>AR33.10-P-0100-01RT</p>