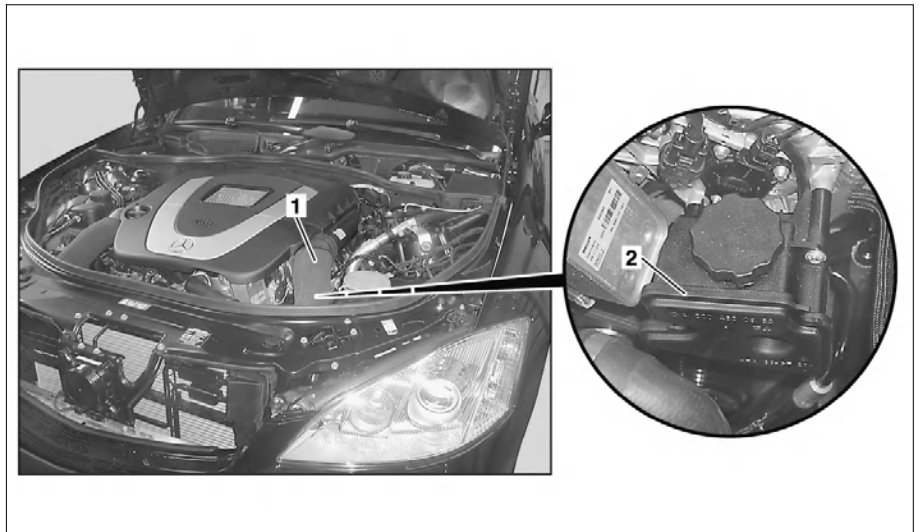


Shown on model 221.056 with AIRmatic

- 1 Left engine air intake duct
- 2 Power steering expansion reservoir



P46.30-2218-05

Vehicles with electrohydraulic power steering (EHPS), shown on model 221.095

- 2 Power steering expansion reservoir

















P46.25-2173-11

Modification notes

23.4.06	Document adapted to the revised procedure		
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Remove/install			
	Risk of injury to skin or eyes caused by hydraulic fluid spraying out under high pressure. Risk of poisoning caused by swallowing hydraulic fluid	Depressurize the hydraulic system completely before starting any work on the system. Wear protective clothing and safety glasses.	AS00.00-Z-0013-01A
	Risk of injury caused by fingers being pinched or crushed when removing, installing or aligning hoods, doors, trunk lids, liftgates or sliding roof	Keep body parts and limbs well clear of moving parts.	AS00.00-Z-0011-01A
1	Hoist vehicle with lifting platform until wheels are free		
2.1	Remove left engine intake air duct (1)	Vehicles with gasoline engine without electrohydraulic power steering (EHPS) <u>and</u> without code (487) Active Body Control (ABC)	
2.2	Remove engine trim panel	Engine 642	AR01.10-P-2405SXI
3	Remove cap from expansion reservoir (2)		
	Fill		
4	Fill expansion reservoir (2) with MB steering gear oil	⚠ Do not start the engine! If the engine is started there is a risk of air entering the hydraulic steering system, which is then extremely difficult to remove.	

		<p> Fill the expansion reservoir (2) to approx. 10 mm below the upper edge of the reservoir with MB steering gear oil.</p> <p> Refill with MB-steering gear oil continuously until the oil level remains constant.</p> <p></p>	*BF46.20-P-1001-01A
	Bleeding		
5	Turn steering wheel from steering stop to steering stop	<p> Do not start the engine! If the engine is started there is a risk of air entering the hydraulic steering system, which is then extremely difficult to remove.</p> <p> Turn steering wheel slowly from steering stop to steering stop until bubbles are no longer visible in the expansion reservoir (2).</p> <p> Repeat turning the steering from stop to stop several times (up to 30 times). During this process, MB steering gear oil must be poured into the expansion reservoir (2) by a second person.</p>	
6	<p>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</p> <p>Start engine without moving the steering</p>	<p>Secure vehicle to prevent it from moving by itself.</p> <p>Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.</p> <p> Allow engine to run for approx. 1 min. at idle speed.</p> <p> During this process, a second person must observe the oil level in the expansion reservoir (2) and add MB steering gear oil if necessary.</p>	AS00.00-Z-0005-01A
7	Turn steering wheel from steering stop to steering stop	<p> When the engine is running turn the steering wheel slowly several times from steering stop to steering stop, meanwhile adding MB steering gear oil in expansion reservoir (2).</p> <p> Repeat the procedure until the oil level in the expansion reservoir (2) remains constant and bubbles are no longer visible.</p>	
	Checking		
8	<p>Check oil level in the expansion reservoir (2) and fill up to the maximum fill level</p> <p> AP Power steering - checking and correcting oil level</p>	<p> The oil level in the expansion reservoir (2) must always be filled up to the maximum.</p>	AP46.00-P-4611SX
9	Check steering system when engine is running for signs of leaks and proper function	<p> In the event of leakage, find and eliminate cause.</p>	
10	Install in the reverse order		

 **Steering gear**

Number	Designation	Model			
		216	221		
BF46.20-P-1001-01A	Power steering	Filling capacity	Liters	≈ 1,0	≈ 1,0
		MB steering gear oil	Sheet	BB00.40-P-0345-00A	BB00.40-P-0345-00A