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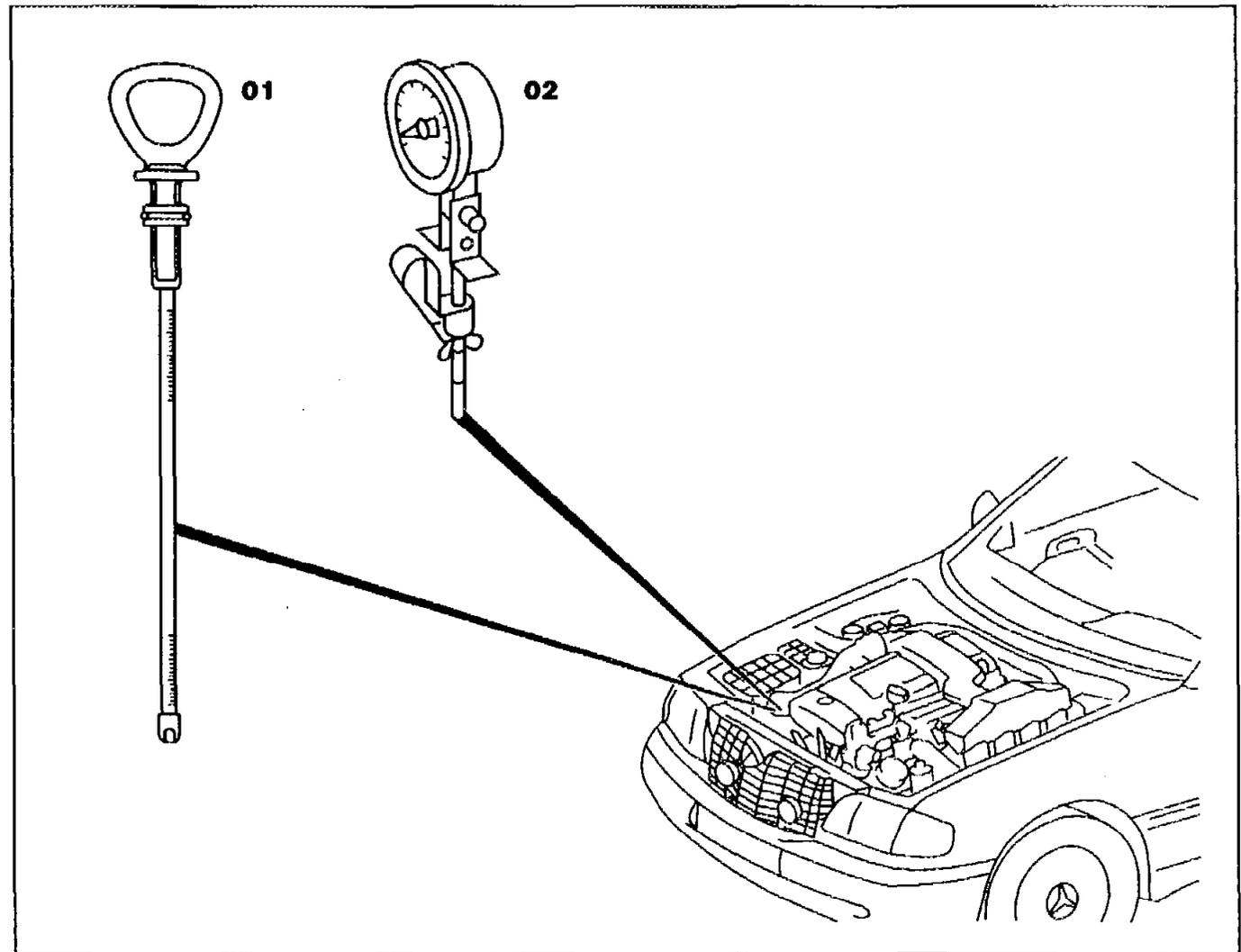
AR18.00-P-0025B

Measuring oil consumption

27.4.95

ENGINE 602.982, 604, 605, 606

- 01  Dipstick
- 02  Remote thermometer

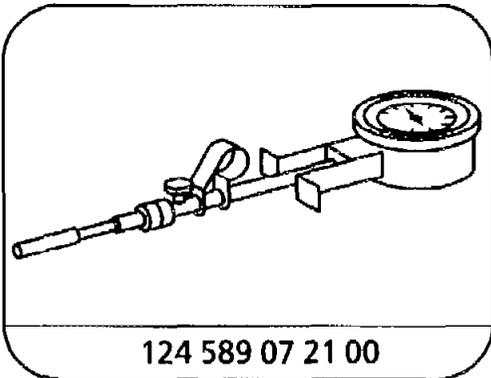




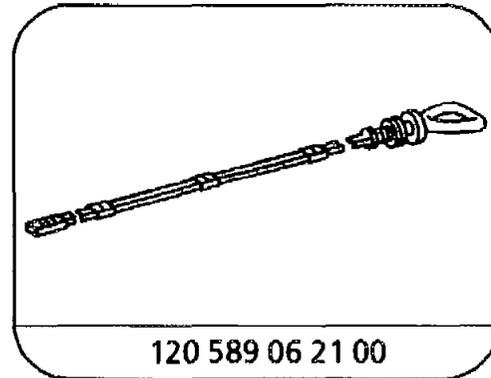
	Inspecting		
1	Inspect engine for external oil loss	Rectify any leaks	
2	Engine oil and filter change	<p> The oil consumption test run should only be carried out with fresh engine oil; for this reason, an engine oil change should be carried out before the oil consumption test run.</p> <p>It is not necessary to change the engine oil if the last oil change was carried out less than one month before, or the car has not covered a distance of more 1000 km since the last engine oil change.</p>	AP18.00-P-0101AA
3	Park vehicle on a flat surface and mark parking place		
4	Bring engine oil temperature to 80 °C	 Measure oil temperature with the remote thermometer (02)	124 589 07 21 00
5	Switch off engine		
6	Wait 5 minutes and measure oil level with dipstick (01); top up oil level to maximum if necessary	 <p> Inset dipstick (01) with scale pointing toward engine side and withdraw after 3 seconds, read off oil level and note.</p> <p> Avoid overfilling oil, top up oil level to "max." (value "0" see table)</p>	120 589 06 21 00

7	Conduct test run	<p>i</p> <p>Conduct test run over a distance of 250 km (if measurement carried out by workshop personnel) or 1000 km (if measurement carried out by customer). If measurement is carried out by the workshop personnel, take into account the operating conditions of the vehicle at the customer's.</p>	
8	Park vehicle on the marked place		
9	Bring engine oil temperature to 80 °C	<p>S Measure oil temperature with remote thermometer (02). i If the engine is switched off to allow the oil to cool down to 80 °C, the engine has to be run for about 10 seconds before the consumption measurement (step 5) by blipping the throttle in order to ensure the same measurement conditions.</p>	124 589 07 21 00
10	Switch off engine		
11	Wait 5 minutes before measuring oil level dipstick (01)	<p>S i Withdraw dipstick after 3 seconds and read off oil level</p>	120 589 06 21 00

12	Calculate the oil consumption in liters / 1000 km from the quantity of oil consumed (cm ³) and the measured distance (km)	Assignment of oil consumption to dipstick indication ↓ Engine 602.982 Engine 604 Engine 605 Engine 606	 AR18.00-P-0025-01A O13 AR18.00-P-0025-01B D14 AR18.00-P-0025-01C H14 AR18.00-P-0025-01D F15
13	Depending on oil consumption, top up oil or carry out any necessary repair measure		



Remote thermometer



Dipstick