



AP00.20-U-1208D	Service Sheet for Mercedes-Benz Maintenance System (USA)	17.06.04
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MODEL 211 **except AMG models**

Passenger Cars Model Year 2005

USA



Customer: _____

Repair order number: _____

First visit	at 1,000 - 3,000 miles	Performed	YES <input type="checkbox"/>	NO <input type="checkbox"/>
Tire Rotation (non-staggered width wheel setup only)	Performed in accordance with the tire manufacturer's recommended intervals	Tires rotated	YES <input type="checkbox"/>	NO <input type="checkbox"/>
Tire Inspection (staggered and non- staggered width wheel setup)	Inspect tires for damage and correct tire inflation pressure	Tires inspected	YES <input type="checkbox"/>	NO <input type="checkbox"/>

Current mileage reading: _____

Oil grade/viscosity: _____


Additional notes: _____


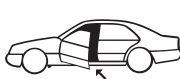
Service work to be performed as advised by service advisor:	Completion date	Confirm work has been performed by signing below:
_____	_____	_____


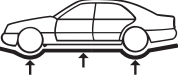



US Service1 through US Service 11 apply to "Additional work" items only.
 Vehicle determines need for US Service 12 (Engine oil and filter change) as well as US Service 13 or US Service 14
 (formerly A-Service and B-Service respectively).
 Perform service necessary as indicated in display of instrument cluster only.
 Perform each service as described.

completed <input checked="" type="checkbox"/>	Not O.K.
US Service 1 Display in instrument cluster Wheels, brakes <input type="checkbox"/> Check brake pads for lining thickness front/rear, check condition of brake discs front/rear	<input type="checkbox"/> AP42.10-P-4251R
US Service 2 every 52,000 mi or 4 years: Engine compartment <input type="checkbox"/> Replace engine air-cleaner insert	
US Service 3 every 26,000 mi or 2 years: Engine compartment <input type="checkbox"/> Replace combination filter	Models E320, E320 CDI, E500 AP83.00-P-8384T
US Service 4 every 26,000 mi or 2 years: Engine compartment <input type="checkbox"/> Replace dust filter	Models E320 CDI, E500 AP83.00-P-8381T
US Service 5 Gasoline engines (112, 113) every 65,000 mi or 5 years: Engine compartment <input type="checkbox"/> Replace fuel filter	AP47.20-P-0780TC
US Service 5 Diesel engine (648) every 26,000 mi or 2 years: Engine compartment <input type="checkbox"/> Replace fuel filter	AP47.20-P-0780T
US Service 6 every 52,000 mi or 5 years: Interior <input type="checkbox"/> Replace activated charcoal filter	Models E320 CDI, E500 AP83.00-P-8382F
US Service 7 every 91,000 mi or 5 years: Engine compartment <input type="checkbox"/> Replace spark plugs	Engines 112, 113 AP15.10-P-1580AB

completed <input checked="" type="checkbox"/>	Not O.K.
<p>US Service 8</p> <p>every 143,000 mi or 15 years:</p> <p>Engine compartment</p> <p><input type="checkbox"/> Replace coolant</p>	<p>Gasoline engines AP20.00-P-2080DA</p> <p>Diesel engines AP20.00-P-2080BA</p>
<p>US Service 9</p> <p>every 2 years:</p> <p><input type="checkbox"/> Check bodywork for paintwork damage by service advisor</p> <p>Underside of vehicle</p> <p><input type="checkbox"/> Chassis and load-bearing body components: Check for damage and corrosion by service advisor</p> <p>Engine compartment</p> <p><input type="checkbox"/> Replace brake fluid</p> <p><input type="checkbox"/> Prior to replacing brake fluid perform the following checks via STAR DIAGNOSIS SYSTEM (SDS):</p> <p>1 - Check pretension pressure of Sensotronic Brake Control (SBC) pressure reservoir</p> <p>2 - Check operating time of Sensotronic Brake Control (SBC) unit</p>	<p><input type="checkbox"/> AP98.00-P-9850BA</p> <p><input type="checkbox"/> AP00.20-P-0090BA</p> <p>AP42.00-P-4281T</p>
<p>US Service 10</p> <p>every 5 years:</p> <p>Interior</p> <p><input type="checkbox"/> Tilt/sliding roof: Clean slide rails and slide shoes</p>	<p>AP77.20-P-7731A</p>
<p>US Service 11</p> <p>every 3 years:</p> <p>Interior</p> <p><input type="checkbox"/> Panorama sliding roof: Clean and lubricate guide mechanism</p>	<p>AP77.20-P-7732PB</p>
<p>US Service 12</p> <p>every 13,000 mi or 1 year:</p> <p> Engine compartment</p> <p><input type="checkbox"/> Engine - oil and filter change</p>	<p>Engine 112 AP18.00-P-0101AE</p> <p>Engine 113 AP18.00-P-0101AF</p> <p>Engine 648 AP18.00-P-0101TC</p>

<p>US Service 13</p> <p>↓</p>	<p>first at 13,000 mi or 1 year; after first every 26,000 mi or 2 years</p>	<p>US Service 14</p> <p>↓</p>	<p>first at 26,000 mi or 2 years; after first every 26,000 mi or 2 years</p> <p>Not O.K.</p> <p>↓</p>
	<p>Engine compartment</p>		
<input type="checkbox"/>	<p><input type="radio"/> Leakage - Major components Check for chafe marks, line routing, damaged components <input type="checkbox"/> In the event of leakage, determine cause and perform repair via separate work order</p>	<input type="checkbox"/> AP00.20-P-0053BA	
<input type="checkbox"/>	<p><input type="radio"/> Check auxiliary battery (12ah) (located underneath A/C combination/dust filter, R/H rear side of engine compartment) condition using "Midtronics MCR 717" Tester</p>	<input type="checkbox"/> AP54.10-U-5453A	
<input type="checkbox"/>	<p><input type="radio"/> Inspect poly-V-belt for damage</p>	<input type="checkbox"/> AP13.22-P-1351Z	
<input type="checkbox"/>	<p><input type="radio"/> Check catch, safety catch and hinges of engine hood for proper operation. <input type="checkbox"/> Replace components with even the slightest malfunction.</p>	<input type="checkbox"/> AP88.40-P-8851T	
<p>Check and correct fluid level <input type="checkbox"/> If there is a loss of fluid, determine cause and perform repair via separate work order</p>			
<input type="checkbox"/>	<p><input type="radio"/> Brake system</p>	<input type="checkbox"/> AP42.10-P-4210Z	
<input type="checkbox"/>	<p><input type="radio"/> Power steering</p>	<p>Gasoline Engines <input type="checkbox"/> AP46.00-P-4611BB</p>	
		<p>Diesel Engines <input type="checkbox"/> AP46.00-P-4611P</p>	
<input type="checkbox"/>	<p><input type="radio"/> Engine cooling system, antifreeze and corrosion protection</p>	<input type="checkbox"/> AP20.00-P-2010Z	
<input type="checkbox"/>	<p><input type="radio"/> Windshield wipers, washer system (incl. summer/winter cleanser)</p>	<input type="checkbox"/> AP82.35-P-8210N	
	<p>Interior</p>		
<input type="checkbox"/>	<p><input type="radio"/> Reset service indicator in instrument cluster</p>	<p>Vehicles up to 09/03 <input type="checkbox"/> AP00.20-P-0042T</p>	
		<p>Vehicles as of 10/03 <input type="checkbox"/> AP00.20-P-0042TA</p>	
<p>Function check</p>			
<input type="checkbox"/>	<p><input type="radio"/> Warning/indicator lamps, illumination and interior lighting</p>	<input type="checkbox"/>	
<input type="checkbox"/>	<p><input type="radio"/> Windshield washer system, incl. rear window washer (where applicable)</p>	<input type="checkbox"/> AP82.30-P-8252T	
<input type="checkbox"/>	<p><input type="radio"/> Headlamp cleaning system</p>	<input type="checkbox"/>	
<input type="checkbox"/>	<p><input type="radio"/> Check seat belts and buckles for signs of external damage and proper function</p>	<input type="checkbox"/> AP91.40-P-9150M	

US Service 13 ↓	US Service 14 ↓	Not O.K. ↓																				
<input type="checkbox"/>	<input type="radio"/> Check Sensotronic Brake Control (SBC) hydraulic unit <input type="radio"/> Check parking brake (function test only)	<input type="checkbox"/> AP42.50-P-4259A <input type="checkbox"/> AP42.00-P-4290R																				
<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;">  </div> <div> <p>Wheels, brakes</p> </div> </div>																						
<input type="checkbox"/>	<input type="radio"/> Inspect tires for damage and splits, measure tread depth, enter in mm: <div style="margin-left: 40px;"> <table style="border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">LF</td> <td style="text-align: center;">RF</td> <td style="text-align: center;">LR</td> <td style="text-align: center;">RR</td> </tr> <tr> <td style="text-align: right;">outside</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td style="text-align: right;">center</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td style="text-align: right;">inside</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </table> </div>		LF	RF	LR	RR	outside	_____	_____	_____	_____	center	_____	_____	_____	_____	inside	_____	_____	_____	_____	<input type="checkbox"/> AP40.10-P-4051Z
	LF	RF	LR	RR																		
outside	_____	_____	_____	_____																		
center	_____	_____	_____	_____																		
inside	_____	_____	_____	_____																		
<input type="checkbox"/>	<input type="radio"/> Check thickness of front brake pads (remove 1 front wheel at Service 13) Check thickness of front/rear brake pads (required at Service 14)	<input type="checkbox"/> AP42.10-P-4251R																				
<input type="checkbox"/>	<input type="radio"/> Correct tire inflation pressure (incl. spare tire)	<input type="checkbox"/>																				
<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;">  </div> <div> <p>Underside of vehicle</p> </div> </div>																						
	<input type="radio"/> Leakage - Major components Check for chafe marks, line routing, damaged components <input type="checkbox"/> In the event of leakage, determine cause and perform repair via separate work order	<input type="checkbox"/> AP00.20-P-0053BA																				
	<input type="radio"/> Check front axle joints for play, check rubber boots	<input type="checkbox"/> AP33.20-P-3353BA																				
	<input type="radio"/> Inspect condition of flexible discs	<input type="checkbox"/> AP41.10-P-4152Z																				
	<input type="radio"/> Inspect play of tie rod and drag link joints, inspect rubber boots	<input type="checkbox"/> AP46.00-P-4653F																				
<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 20px;">  </div> <div> <p>Trunk</p> </div> </div>																						
<input type="checkbox"/>	<input type="radio"/> Check main battery condition using "Midtronics MCR 717" Tester	<input type="checkbox"/> AP54.10-U-5453A																				

completed <input checked="" type="checkbox"/>		Perform:	Yes	Not O.K.
			↓	↓
Vehicle over 143,000 mi:				
Check if all fluid levels and changes are updated				
AP	<input type="checkbox"/>	Transmission	<input type="checkbox"/>	<input type="checkbox"/>
AP	<input type="checkbox"/>	Rear axle	<input type="checkbox"/>	<input type="checkbox"/>
AP	<input type="checkbox"/>	Front axle (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
AP	<input type="checkbox"/>	Transfer case (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
Check if air, fuel, ventilation filters are updated				
AP	<input type="checkbox"/>	Engine air filter	<input type="checkbox"/>	<input type="checkbox"/>
AP	<input type="checkbox"/>	Fuel filter	<input type="checkbox"/>	<input type="checkbox"/>
AP	<input type="checkbox"/>	Combination / dust filter (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
AP	<input type="checkbox"/>	Activated charcoal filter (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>
Check integrity of engine, mechanical components				
AP	<input type="checkbox"/>	Perform compression test (hot and cold)	<input type="checkbox"/>	<input type="checkbox"/> BE01.00-Z-9999AZ
AP	<input type="checkbox"/>	Perform leak down test (hot and cold)	<input type="checkbox"/>	<input type="checkbox"/> AP00.20-P-0053BA
AP	<input type="checkbox"/>	Check spark plugs	<input type="checkbox"/>	<input type="checkbox"/>
AP	<input type="checkbox"/>	Exhaust system hangers and leaks	<input type="checkbox"/>	<input type="checkbox"/>
Check damaged / worn drivetrain parts				
AP	<input type="checkbox"/>	Front wheel bearings play	<input type="checkbox"/>	<input type="checkbox"/>
AP	<input type="checkbox"/>	Rear wheel bearings play	<input type="checkbox"/>	<input type="checkbox"/>
AP	<input type="checkbox"/>	Axles joints play	<input type="checkbox"/>	<input type="checkbox"/>
AP	<input type="checkbox"/>	Flexible discs	<input type="checkbox"/>	<input type="checkbox"/>
AP	<input type="checkbox"/>	Tie rod and drag link joints	<input type="checkbox"/>	<input type="checkbox"/>