



AP00.20-U-1208SLR	Service Sheet for Mercedes-Benz Maintenance System (USA)	14.07.04
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MODEL 199

### Passenger Cars Model Year 2005

USA

# Model 199



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: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

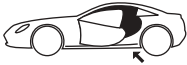
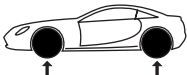
Service work to be performed as advised by service advisor:	Completion date	Confirm work has been performed by signing below:
_____	_____	_____

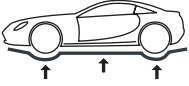
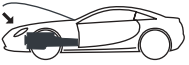
#### Determine "Additional work" needed, if any. Refer to "Additional Work" section

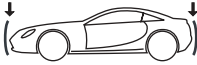
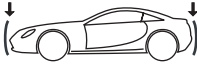
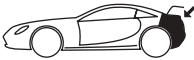
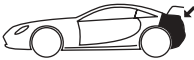


(check if applicable)

<b>at every service:</b>	<input type="checkbox"/>	<b>every:</b>	2 years	<input type="checkbox"/>
<b>once at first service:</b>	10,000 mi or 1 year <input type="checkbox"/>		4 years	<input type="checkbox"/>
<b>at approx. every:</b>	20,000 mi or 2 years <input type="checkbox"/>		5 years	<input type="checkbox"/>
	40,000 mi or 3 years <input type="checkbox"/>	<b>at approx.:</b>	150,000 mi	<input type="checkbox"/>
	40,000 mi or 4 years <input type="checkbox"/>			
	60,000 mi or 4 years <input type="checkbox"/>			

**i** See last page for "Additional work".  
 Additional flat rates apply for procedures marked with **AP**

completed <input checked="" type="checkbox"/>	<b>Every 10,000 miles or 1 year</b>	Not O.K.																				
↓		↓																				
<div style="display: flex; justify-content: space-between; align-items: flex-start; padding: 10px;"> <div style="width: 15%; text-align: center;">  </div> <div style="width: 60%;"> <p><b>Vehicle passenger compartment</b></p> <p><b>Function check</b></p> <ul style="list-style-type: none"> <li style="display: flex; justify-content: space-between; align-items: flex-start; margin-bottom: 10px;"> <input type="checkbox"/> Warning/indicator lamps, illumination and interior lighting           <span style="width: 100px;"></span> <input type="checkbox"/> </li> <li style="display: flex; justify-content: space-between; align-items: flex-start; margin-bottom: 10px;"> <input type="checkbox"/> Switches and controls           <span style="width: 100px;"></span> <input type="checkbox"/> <b>AP54.00-P-5454SLR</b> </li> <li style="display: flex; justify-content: space-between; align-items: flex-start; margin-bottom: 10px;"> <input type="checkbox"/> Audible warning system           <span style="width: 100px;"></span> <input type="checkbox"/> <b>AP54.30-P-5450SLR</b> </li> <li style="display: flex; justify-content: space-between; align-items: flex-start; margin-bottom: 10px;"> <input type="checkbox"/> Windshield wipers, windshield washer system           <span style="width: 100px;"></span> <input type="checkbox"/> <b>AP82.35-P-8252SLR</b> </li> <li style="display: flex; justify-content: space-between; align-items: flex-start; margin-bottom: 10px;"> <input type="checkbox"/> Headlamp cleaning system           <span style="width: 100px;"></span> <input type="checkbox"/> </li> <li style="display: flex; justify-content: space-between; align-items: flex-start;"> <input type="checkbox"/> Check seat belts for damage and proper function           <span style="width: 100px;"></span> <input type="checkbox"/> <b>AP91.40-P-9150SLR</b> </li> </ul> </div> </div>																						
<div style="display: flex; justify-content: space-between; align-items: flex-start; padding: 10px;"> <div style="width: 15%; text-align: center;">  </div> <div style="width: 60%;"> <p><b>Wheels, brakes</b></p> <ul style="list-style-type: none"> <li style="display: flex; justify-content: space-between; align-items: flex-start; margin-bottom: 10px;"> <input type="checkbox"/> Check tire pressure monitoring system battery using STAR DIAGNOSIS           <span style="width: 100px;"></span> <input type="checkbox"/> <b>AP40.15-P-4056SLR</b> </li> <li style="display: flex; justify-content: space-between; align-items: flex-start; margin-bottom: 10px;"> <input type="checkbox"/> Read malfunction memory using STAR DIAGNOSIS and correct faults if necessary           <span style="width: 100px;"></span> <input type="checkbox"/> </li> <li style="display: flex; justify-content: space-between; align-items: flex-start; margin-bottom: 10px;"> <input type="checkbox"/> Deactivate Sensotronic Brake Control (SBC) using STAR DIAGNOSIS           <span style="width: 100px;"></span> </li> <li style="display: flex; justify-content: space-between; align-items: flex-start; margin-bottom: 10px;"> <input type="checkbox"/> Check front axle wheel bearing play           <span style="width: 100px;"></span> <input type="checkbox"/> <b>AP33.20-P-3351SLR</b> </li> <li style="display: flex; justify-content: space-between; align-items: flex-start; margin-bottom: 10px;"> <input type="checkbox"/> Check rear axle wheel bearing play           <span style="width: 100px;"></span> <input type="checkbox"/> <b>AP35.20-P-3551SLR</b> </li> <li style="display: flex; justify-content: space-between; align-items: flex-start; margin-bottom: 10px;"> <input type="checkbox"/> Balance wheels           <span style="width: 100px;"></span> </li> <li style="display: flex; justify-content: space-between; align-items: flex-start; margin-bottom: 10px;"> <input type="checkbox"/> Check condition/thickness of brake discs front/rear           <span style="width: 100px;"></span> <input type="checkbox"/> <b>AP42.10-P-4251SLR</b> </li> <li style="display: flex; justify-content: space-between; align-items: flex-start; margin-bottom: 10px;"> <input type="checkbox"/> Check brake pads for lining thickness front/rear           <span style="width: 100px;"></span> <input type="checkbox"/> <b>AP42.10-P-4251SLR</b> </li> <li style="display: flex; justify-content: space-between; align-items: flex-start; margin-bottom: 10px;"> <input type="checkbox"/> Check and clean front and rear ventilation grille and air ducts for the brake system           <span style="width: 100px;"></span> <input type="checkbox"/> <b>AP61.00-P-6150SLR</b> </li> <li style="display: flex; justify-content: space-between; align-items: flex-start; margin-bottom: 10px;"> <input type="checkbox"/> Parking brake - Adjust cable slack           <span style="width: 100px;"></span> <b>AP42.20-P-4261SLR</b> </li> <li style="display: flex; justify-content: space-between; align-items: flex-start; margin-bottom: 10px;"> <input type="checkbox"/> Check tires for damage and condition           <span style="width: 100px;"></span> <input type="checkbox"/> <b>AP40.10-P-4051SLR</b> </li> <li style="display: flex; justify-content: space-between; align-items: flex-start;"> <input type="checkbox"/> Measure tread depth, enter in mm:           <span style="width: 100px;"></span> <input type="checkbox"/> <b>AP40.10-P-4051SLR</b> </li> </ul> <table style="margin-left: 20px; border-collapse: collapse; width: 100%;"> <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="padding-right: 5px;">outside</td> <td style="border-bottom: 1px solid black; width: 40px;"></td> <td style="border-bottom: 1px solid black; width: 40px;"></td> <td style="border-bottom: 1px solid black; width: 40px;"></td> <td style="border-bottom: 1px solid black; width: 40px;"></td> </tr> <tr> <td style="padding-right: 5px;">center</td> <td style="border-bottom: 1px solid black; width: 40px;"></td> <td style="border-bottom: 1px solid black; width: 40px;"></td> <td style="border-bottom: 1px solid black; width: 40px;"></td> <td style="border-bottom: 1px solid black; width: 40px;"></td> </tr> <tr> <td style="padding-right: 5px;">inside</td> <td style="border-bottom: 1px solid black; width: 40px;"></td> <td style="border-bottom: 1px solid black; width: 40px;"></td> <td style="border-bottom: 1px solid black; width: 40px;"></td> <td style="border-bottom: 1px solid black; width: 40px;"></td> </tr> </table> <li style="display: flex; justify-content: space-between; align-items: flex-start; margin-bottom: 10px;"> <input type="checkbox"/> Activate Sensotronic Brake Control (SBC) using STAR DIAGNOSIS           <span style="width: 100px;"></span> </li> </div> </div>				LF	RF	LR	RR	outside					center					inside				
	LF	RF	LR	RR																		
outside																						
center																						
inside																						

completed <input checked="" type="checkbox"/>		Not O.K.
↓		↓
	<p><b>Vehicle underside</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Check and clean underbody panelling</li> <li><input type="checkbox"/> Check and clean ventilation grille and air ducts of rear axle</li> <li><input type="checkbox"/> <b>Leakage - Major components</b> Visual check for chafe marks, line routing, damaged components. In the event of leakage, determine cause and perform repair via separate work order.</li> <li><input type="checkbox"/> Check condition of front axle ball joints and rubber boots</li> <li><input type="checkbox"/> Check condition of steering's mechanical components and rubber boots</li> <li><input type="checkbox"/> Check rear axle bearing for condition</li> <li><input type="checkbox"/> Check drive shaft for condition</li> <li><input type="checkbox"/> Check propeller shaft for condition</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> AP61.30-P-6151SLR</li> <li><input type="checkbox"/> AP61.00-P-6150SLR</li> <li><input type="checkbox"/> AP00.20-P-0053SLR</li> <li><input type="checkbox"/> AP33.20-P-3353SLR</li> <li><input type="checkbox"/> AP46.00-P-4653SLR</li> <li><input type="checkbox"/> AP35.20-P-3557SLR</li> <li><input type="checkbox"/> AP35.30-P-3558SLR</li> <li><input type="checkbox"/> AP41.10-P-4154SLR</li> </ul>
	<p><b>Engine compartment</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>Leakage - Major components</b> Visual check for chafe marks, line routing, damaged components. In the event of leakage, determine cause and perform repair via separate work order.</li> <li><input type="checkbox"/> Change engine oil and filter</li> <li><input type="checkbox"/> Check condition of poly-V-belt</li> <li><input type="checkbox"/> Check engine mountings</li> </ul> <p style="text-align: center;"><b>Check the following fluid levels, correct if necessary</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Brake system</li> <li><input type="checkbox"/> Power steering</li> <li><input type="checkbox"/> Engine cooling system (main and low temperature circuits), anti-corrosion / antifreeze protection Open low temperature circuit only at a coolant temperature of below 40 °C.</li> <li><input type="checkbox"/> Bleed low temperature circuit</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> AP00.20-P-0053SLR</li> <li><input type="checkbox"/> AP18.00-P-0101SLR</li> <li><input type="checkbox"/> AP13.22-P-1351SLR</li> <li><input type="checkbox"/></li> <li><input type="checkbox"/> AP42.10-P-4210SLR</li> <li><input type="checkbox"/> AP46.00-P-4611SLR</li> <li><input type="checkbox"/> AP20.00-P-2010SLR</li> <li><input type="checkbox"/> AP20.00-P-2010SLR</li> </ul>

completed <input checked="" type="checkbox"/>	Not O.K.
	
<b>Vehicle front/rear</b>	
<input type="checkbox"/> Check window glass and glass exterior lighting lenses	<input type="checkbox"/>
<input type="checkbox"/> Check headlamp setting	<input type="checkbox"/> <b>AP82.10-P-8260SLR</b>
<input type="checkbox"/> Check windshield wiper blades, replace as necessary	<input type="checkbox"/>
	
<b>Trunk</b>	
<b>Check fluid level, correct if necessary</b>	
<input type="checkbox"/> Starter battery	<input type="checkbox"/> <b>AP54.10-P-5410SLR</b>
<input type="checkbox"/> Windshield washer system (including summerwash/winterwash)	<input type="checkbox"/> <b>AP82.35-P-8210SLR</b>
<input type="checkbox"/> Check TIREFIT tire sealant expiration date	<input type="checkbox"/> <b>AP40.10-P-4054SLR</b>
	
<b>Service completion</b>	
<input type="checkbox"/> Check parking brake according to specifications	<input type="checkbox"/> <b>AP42.00-P-4290SLR</b>
<input type="checkbox"/> Perform road test	
<input type="checkbox"/> Reset maintenance service counter in instrument cluster	<b>AP00.20-P-0042SLR</b>
<input type="checkbox"/> Enter service in MaySIS	
<input type="checkbox"/> Restore vehicle settings	

		<b>Additional Work</b>		
completed <input checked="" type="checkbox"/>		Perform:	Yes	Not O.K.
			↓	↓
<b>At every service:</b>				
AP	<input type="checkbox"/>	Query service history in MaySIS before starting	<input type="checkbox"/>	
AP	<input type="checkbox"/>	Record customer's vehicle settings	<input type="checkbox"/>	
AP	<input type="checkbox"/>	Wash vehicle	<input type="checkbox"/>	
AP	<input type="checkbox"/>	Check body for paint damage	<input type="checkbox"/>	<input type="checkbox"/> AP98.00-P-9850SLR
AP	<input type="checkbox"/>	Check battery charge status, recharge if necessary	<input type="checkbox"/>	<input type="checkbox"/> AP54.10-P-5452SLR
<b>Once at 10,000 mi or 1 year:</b>				
AP	<input type="checkbox"/>	Replace rear differential oil	<input type="checkbox"/>	
<b>At every 20,000 mi or 2 years:</b>				
AP	<input type="checkbox"/>	Replace combination filter	<input type="checkbox"/>	AP83.00-P-8384SLR
AP	<input type="checkbox"/>	Replace air cleaner filter element	<input type="checkbox"/>	AP09.10-P-0980SLR
<b>At every 40,000 mi or 3 years:</b>				
AP	<input type="checkbox"/>	Replace wheel nuts	<input type="checkbox"/>	
<b>At every 40,000 mi or 4 years:</b>				
AP	<input type="checkbox"/>	Replace poly-V-belt	<input type="checkbox"/>	AP13.22-P-1381SLR
AP	<input type="checkbox"/>	Replace compressor poly-V-belt	<input type="checkbox"/>	AP13.22-P-1381SLR
<b>At every 60,000 mi or 4 years:</b>				
AP	<input type="checkbox"/>	Replace spark plugs	<input type="checkbox"/>	AP15.10-P-1580SLR
AP	<input type="checkbox"/>	Replace fuel filter	<input type="checkbox"/>	AP47.20-P-0780SLR
<b>Every 2 years:</b>				
AP	<input type="checkbox"/>	Replace brake fluid	<input type="checkbox"/>	AP42.00-P-4280SLR
AP	<input type="checkbox"/>	Check vehicle ride height and wheel loads	<input type="checkbox"/>	<input type="checkbox"/> AP32.00-P-3253SLR
AP	<input type="checkbox"/>	Check wheel settings	<input type="checkbox"/>	<input type="checkbox"/> AP40.20-P-4055SLR
AP	<input type="checkbox"/>	Replace screws of underbody panelling	<input type="checkbox"/>	

completed <input checked="" type="checkbox"/>		Perform:	Yes	Not O.K.
			↓	↓
<b>Every 4 years:</b>				
AP	<input type="checkbox"/>	Replace coolant for <b>main circuit</b> . Verify the correct coolant composition	<input type="checkbox"/>	AP20.00-P-2080SLR
AP	<input type="checkbox"/>	Replace coolant for <b>low temperature circuit</b> . Verify the correct coolant composition	<input type="checkbox"/>	AP20.00-P-2080SLR
<b>Every 5 years:</b>				
AP	<input type="checkbox"/>	Replace battery in remote control key	<input type="checkbox"/>	AP80.20-P-8080SLR
<b>At 150,000 mi:</b>				
<b>Check if all fluid levels and changes are updated</b>				
AP	<input type="checkbox"/>	Transmission	<input type="checkbox"/>	<input type="checkbox"/>
AP	<input type="checkbox"/>	Rear axle	<input type="checkbox"/>	<input type="checkbox"/>
<b>Check if air, fuel, ventilation filters are updated</b>				
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 filter	<input type="checkbox"/>	<input type="checkbox"/>
<b>Check integrity of engine, mechanical components</b>				
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-0053SLR
AP	<input type="checkbox"/>	Check spark plugs	<input type="checkbox"/>	<input type="checkbox"/>
AP	<input type="checkbox"/>	Exhaust system leaks	<input type="checkbox"/>	<input type="checkbox"/>
<b>Check damaged / worn drivetrain parts</b>				
AP	<input type="checkbox"/>	Front wheel bearing play	<input type="checkbox"/>	<input type="checkbox"/>
AP	<input type="checkbox"/>	Rear wheel bearing play	<input type="checkbox"/>	<input type="checkbox"/>
AP	<input type="checkbox"/>	Axles joint 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"/>