



Mercedes-Benz

AP00.20-U-1208IE	SERVICE SHEET for Mercedes-Benz Maintenance System (USA)
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Model Year 2009
USA

Model 221



Customer: _____

Repair order number: _____

Tire Rotation

(non-staggered width wheel setup only)

A 5,000-mile recommended tire rotation interval will likely necessitate tire rotation at least once in between each 10,000-mile maintenance service and at every 10,000-mile maintenance service.

Tires rotated YES NO

Note: For any condition found while performing the checks or inspections included in this maintenance sheet, determine the cause and perform the repair using a separate repair order.

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:

Required Service Work <input checked="" type="checkbox"/> Performed (check if performed)	miles (thousands) years	2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	Not OK ↓
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
<input type="checkbox"/> Reset maintenance service indicator in instrument cluster			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP00.20-P-0042SX
<input type="checkbox"/> Engine - oil and filter change engine 156 engine 273 engine 275.953 engine 275.982			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP18.00-P-0101SMG AP18.00-P-0101SX AP18.00-P-0101SZA AP18.00-P-0101SZB
<input type="checkbox"/> Check catch, safety catch and hinges on engine hood for proper operation			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP88.40-P-8851SX
<input type="checkbox"/> Check water drain in air/water duct for obstructions; clean if soiled			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP83.10-P-8339M
<input type="checkbox"/> Check condition of poly-V-belt engine 156, 273 engine 275				•		•		•		•		•		•		•		<input type="checkbox"/> AP13.22-P-1352SX <input type="checkbox"/> AP13.22-P-1352SZ
<input type="checkbox"/> Replace brake fluid				•		•		•		•		•		•		•		AP42.00-P-4280SX
<input type="checkbox"/> Replace combination filter				•		•		•		•		•		•		•		AP83.00-P-8384SX
<input type="checkbox"/> Check thickness of brake pads, front and rear			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP42.10-P-4253A
<input type="checkbox"/> Correct tire inflation pressure including spare (where applicable) and enter in the table at the end of the service sheet			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP40.15-P-4061A
<input type="checkbox"/> Leakage - major components - check underbody and engine compartment for chafe marks, line routing, damaged components				•		•		•		•		•		•		•		<input type="checkbox"/> AP00.20-P-0053SX
<input type="checkbox"/> Visually inspect condition of front axle ball joints, rubber boots				•		•		•		•		•		•		•		<input type="checkbox"/> AP33.20-P-3353SX
<input type="checkbox"/> Visually inspect condition of driveshaft flexible discs				•		•		•		•		•		•		•		<input type="checkbox"/> AP41.10-P-4152SX
<input type="checkbox"/> Visually inspect condition of steering mechanical components, rubber boots				•		•		•		•		•		•		•		<input type="checkbox"/> AP46.00-P-4653SX
<input type="checkbox"/> Coolant - check fluid level and correct if necessary engine 156, 273; engine 275 main and low temperature circuit (main circuit if not to be replaced (every 30k miles/3 yrs)) <input checked="" type="checkbox"/> refer to AH20.00-P-1142-01V <input checked="" type="checkbox"/> observe correct coolant composition			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/>
<input type="checkbox"/> Brake system - check fluid level and correct if necessary			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP42.10-P-4210SX
<input type="checkbox"/> Power steering - check fluid level and correct if necessary <input checked="" type="checkbox"/> the fluid level must always be on the maximum mark, corresponding to the oil temperature			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP46.00-P-4611SX
<input type="checkbox"/> Windshield washer system - check fluid level and correct if necessary			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP82.35-P-8210SX
<input type="checkbox"/> Active Body Control - check fluid level and correct if necessary with Code 487 (Active Body Control (ABC))			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP32.50-P-3213SX
<input type="checkbox"/> Parking brake (function test only)				•		•		•		•		•		•		•		<input type="checkbox"/> AP42.00-P-4290BA
<input type="checkbox"/> Reset maintenance service indicator in instrument cluster <input checked="" type="checkbox"/> reminder - if not yet performed			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP00.20-P-0042SX
Required Additional Work <input checked="" type="checkbox"/> Performed (check if performed)	miles (thousands) years	2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	Not OK ↓
<input type="checkbox"/> Replace air filter except engine 275																		

Required Additional Work <input checked="" type="checkbox"/> Performed (check if performed)	miles (thousands)		2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	Not OK ↓
	years		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
engine 156							•				•				•				AP09.10-P-0980SMG
engine 273							•				•				•				AP09.10-P-0980SX
<input type="checkbox"/> Replace air filter engine 275									•						•				AP09.10-P-0980SZ
<input type="checkbox"/> Automatic transmission - oil and filter change transmission 722.9							•				•				•				AP27.00-P-2702W
transmission 722.6							•				•				•				AP27.00-P-2702SX
<input type="checkbox"/> Replace spark plugs engine 275									•						•				AP15.10-P-1580SZ
<input type="checkbox"/> Replace spark plugs engine 156, 273																			AP15.10-P-1580SMG
engine 156											•								AP15.10-P-1580SX
engine 273											•								
<input type="checkbox"/> Replace fuel filter																		•	AP47.20-P-0780SX
<input type="checkbox"/> Replace coolant engine 275 main circuit				•				•				•			•			•	AP20.00-P-2080SZ
<input type="checkbox"/> Replace coolant except engine 275 main circuit engine 156, 273																		•	AP20.00-P-2080SX
engine 275 low temperature circuit																		•	AP20.00-P-2080SZ
Recommended Service Work <input checked="" type="checkbox"/> Performed (check if performed)	miles (thousands)		2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	Not OK ↓
		years		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
<input type="checkbox"/> Main/starter battery - Check fluid level and correct if necessary with lead acid battery			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP54.10-P-5410SX
<input type="checkbox"/> Horn - Electrical system check			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/>
<input type="checkbox"/> Warning/indicator lamps - Electrical system check			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP54.30-P-5451SX
<input type="checkbox"/> Illumination and interior lighting - Electrical system check			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP54.30-P-5453SX
<input type="checkbox"/> Exterior lighting, high beam flasher, hazard warning flasher, turn signals - Electrical system check			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP82.10-P-8252EW
<input type="checkbox"/> Check trunk/cargo area lighting			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/>
<input type="checkbox"/> Check and correct headlamp setting				•			•				•				•			•	AP82.10-P-8260SX
<input type="checkbox"/> Battery (Main/starter/auxiliary) check condition using Midtronics battery tester. Attach Midtronics test report print out here			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP54.10-U-5453A
<input type="checkbox"/> Check seat belts and buckles for signs of external damage and proper function				•			•				•				•			•	<input type="checkbox"/> AP91.40-P-9150SX
<input type="checkbox"/> Check windshield washer and headlamp cleaning system			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP82.30-P-8252SX
<input type="checkbox"/> Check, clean, and lubricate tilt/sliding roof mechanism except CODE 413 (panoramic glass roof with top sliding roof)				•			•				•				•			•	AP77.20-P-7731SX
<input type="checkbox"/> Check, clean, and lubricate panoramic roof mechanism with CODE 413 (panoramic glass roof with top sliding roof)				•			•				•				•			•	AP77.20-P-7732SX
<input type="checkbox"/> Check bodywork for paintwork damage				•			•				•				•			•	<input type="checkbox"/> AP98.00-P-9850SX
<input type="checkbox"/> Night View Assist camera - clean windshield behind the camera cover with CODE 610 (Night View Assist)			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP54.30-P-5431SX

Recommended Service Work	miles (thousands)	2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	Not OK ↓	
																			years
<input checked="" type="checkbox"/> Performed (check if performed)																			
<input type="checkbox"/> Tire rotation where applicable			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
<input type="checkbox"/> Inspect tires for damage, measure thread depth and enter table at the end of the service sheet			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		<input type="checkbox"/> AP40.10-P-4051Z
<input type="checkbox"/> Check TIREFIT tire sealant expiration date where applicable			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		<input type="checkbox"/> AP40.10-P-4054R
<input type="checkbox"/> Activate Tire Pressure Monitoring System i refer to vehicle Operator's Manual			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
<input type="checkbox"/> Visually check brake system components, lines, hoses, calipers pads			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		<input type="checkbox"/> AP42.10-P-4253A
<input type="checkbox"/> Check thickness of brake pads and discs, front and rear wheels removed discs			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		<input type="checkbox"/> AP42.10-P-4258SX
<input type="checkbox"/> Check chassis and load-bearing body components for damage and corrosion				•		•		•		•		•		•		•			<input type="checkbox"/> AP00.20-P-0090SX
<input type="checkbox"/> Replace wiper blades			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
High Mileage Required Service Work at 160,000 miles or 16 years; then every 20,000 miles or 2 years																			
i Plus any applicable additional work listed at the end of the service sheet																			
<input checked="" type="checkbox"/> Performed (check if performed)																			Not OK ↓
<input type="checkbox"/> Reset maintenance service indicator in instrument cluster																			<input type="checkbox"/> AP00.20-P-0042SX
<input type="checkbox"/> Engine - oil and filter change engine 156 engine 273 engine 275.953 engine 275.982																			AP18.00-P-0101SMG AP18.00-P-0101SX AP18.00-P-0101SZA AP18.00-P-0101SZB
<input type="checkbox"/> Check catch, safety catch and hinges on engine hood for proper operation																			<input type="checkbox"/> AP88.40-P-8851SX
<input type="checkbox"/> Check water drain in air/water duct for obstructions; clean if soiled																			AP83.10-P-8339M
<input type="checkbox"/> Check condition of poly-V-belt engine 156, 273 engine 275																			<input type="checkbox"/> AP13.22-P-1352SX <input type="checkbox"/> AP13.22-P-1352SZ
<input type="checkbox"/> Replace brake fluid																			AP42.00-P-4280SX
<input type="checkbox"/> Replace combination filter																			AP83.00-P-8384SX
<input type="checkbox"/> Check thickness of brake pads, front and rear																			<input type="checkbox"/> AP42.10-P-4253A
<input type="checkbox"/> Correct tire inflation pressure including spare (where applicable) and enter in the table at the end of the service sheet																			AP40.15-P-4061A
<input type="checkbox"/> Leakage - major components - check underbody and engine compartment for chafe marks, line routing, damaged components																			<input type="checkbox"/> AP00.20-P-0053SX
<input type="checkbox"/> Visually inspect condition of front axle ball joints, rubber boots																			<input type="checkbox"/> AP33.20-P-3353SX
<input type="checkbox"/> Visually inspect condition of driveshaft flexible discs																			<input type="checkbox"/> AP41.10-P-4152SX
<input type="checkbox"/> Visually inspect condition of steering mechanical components, rubber boots																			<input type="checkbox"/> AP46.00-P-4653SX
<input type="checkbox"/> Coolant - check fluid level and correct if necessary engine 156, 273; engine 275 main and low temperature circuit (main circuit if not to be replaced (every 30k miles/3 yrs)) i refer to AH20.00-P-1142-01V i observe correct coolant composition																			<input type="checkbox"/>
<input type="checkbox"/> Brake system - check fluid level and correct if necessary																			<input type="checkbox"/> AP42.10-P-4210SX

<input type="checkbox"/> Power steering - check fluid level and correct if necessary <input checked="" type="checkbox"/> the fluid level must always be on the maximum mark, corresponding to the oil temperature	<input type="checkbox"/> AP46.00-P-4611SX
<input type="checkbox"/> Windshield washer system - check fluid level and correct if necessary	<input type="checkbox"/> AP82.35-P-8210SX
<input type="checkbox"/> Active Body Control - check fluid level and correct if necessary with Code 487 (Active Body Control (ABC))	<input type="checkbox"/> AP32.50-P-3213SX
<input type="checkbox"/> Parking brake (function test only)	<input type="checkbox"/> AP42.00-P-4290BA
<input type="checkbox"/> Reset maintenance service indicator in instrument cluster <input checked="" type="checkbox"/> reminder - if not yet performed	AP00.20-P-0042SX
High Mileage Recommended Service Work at 160,000 miles or 16 years; then every 20,000 miles or 2 years	
<input checked="" type="checkbox"/> Plus any applicable additional work listed at the end of the service sheet	
<input checked="" type="checkbox"/> Performed (check if performed)	Not OK ↓
<input type="checkbox"/> Main/starter battery - Check fluid level and correct if necessary with lead acid battery	<input type="checkbox"/> AP54.10-P-5410SX
<input type="checkbox"/> Horn - Electrical system check	<input type="checkbox"/>
<input type="checkbox"/> Warning/indicator lamps - Electrical system check	<input type="checkbox"/> AP54.30-P-5451SX
<input type="checkbox"/> Illumination and interior lighting - Electrical system check	<input type="checkbox"/> AP54.30-P-5453SX
<input type="checkbox"/> Exterior lighting, high beam flasher, hazard warning flasher, turn signals - Electrical system check	<input type="checkbox"/> AP82.10-P-8252EW
<input type="checkbox"/> Check trunk/cargo area lighting	<input type="checkbox"/>
<input type="checkbox"/> Check and correct headlamp setting	AP82.10-P-8260SX
<input type="checkbox"/> Battery (Main/starter/auxiliary) check condition using Midtronics battery tester. Attach Midtronics test report print out here	<input type="checkbox"/> AP54.10-U-5453A
<input type="checkbox"/> Check seat belts and buckles for signs of external damage and proper function	<input type="checkbox"/> AP91.40-P-9150SX
<input type="checkbox"/> Check windshield washer and headlamp cleaning system	<input type="checkbox"/> AP82.30-P-8252SX
<input type="checkbox"/> Check, clean, and lubricate tilt/sliding roof mechanism except CODE 413 (panoramic glass roof with top sliding roof)	AP77.20-P-7731SX
<input type="checkbox"/> Check, clean, and lubricate panoramic roof mechanism with CODE 413 (panoramic glass roof with top sliding roof)	AP77.20-P-7732SX
<input type="checkbox"/> Check bodywork for paintwork damage	<input type="checkbox"/> AP98.00-P-9850SX
<input type="checkbox"/> Night View Assist camera - clean windshield behind the camera cover with CODE 610 (Night View Assist)	AP54.30-P-5431SX
<input type="checkbox"/> Tire rotation where applicable	
<input type="checkbox"/> Inspect tires for damage, measure thread depth and enter table at the end of the service sheet	<input type="checkbox"/> AP40.10-P-4051Z
<input type="checkbox"/> Check TIREFIT tire sealant expiration date where applicable	<input type="checkbox"/> AP40.10-P-4054R
<input type="checkbox"/> Activate Tire Pressure Monitoring System <input checked="" type="checkbox"/> refer to vehicle Operator's Manual	
<input type="checkbox"/> Visually check brake system components, lines, hoses, calipers pads	<input type="checkbox"/> AP42.10-P-4253A
<input type="checkbox"/> Check thickness of brake pads and discs, front and rear wheels removed discs	<input type="checkbox"/> AP42.10-P-4258SX
<input type="checkbox"/> Check chassis and load-bearing body components for damage and corrosion	<input type="checkbox"/> AP00.20-P-0090SX
<input type="checkbox"/> Replace wiper blades	
High Mileage Required Service Work at 170,000 miles or 17 years; then every 20,000 miles or 2 years	
<input checked="" type="checkbox"/> Plus any applicable additional work listed at the end of the service sheet	
<input checked="" type="checkbox"/> Performed (check if performed)	Not OK ↓
<input type="checkbox"/> Reset maintenance service indicator in instrument cluster	AP00.20-P-0042SX
<input type="checkbox"/> Engine - oil and filter change	

engine 156	AP18.00-P-0101SMG
engine 273	AP18.00-P-0101SX
engine 275.953	AP18.00-P-0101SZA
engine 275.982	AP18.00-P-0101SZB
<input type="checkbox"/> Check catch, safety catch and hinges on engine hood for proper operation	<input type="checkbox"/> AP88.40-P-8851SX
<input type="checkbox"/> Check water drain in air/water duct for obstructions; clean if soiled	AP83.10-P-8339M
<input type="checkbox"/> Check thickness of brake pads, front and rear	<input type="checkbox"/> AP42.10-P-4253A
<input type="checkbox"/> Correct tire inflation pressure including spare (where applicable) and enter in the table at the end of the service sheet	AP40.15-P-4061A
<input type="checkbox"/> Coolant - check fluid level and correct if necessary engine 156, 273; engine 275 main and low temperature circuit (main circuit if not to be replaced (every 30k miles/3 yrs)) <input type="checkbox"/> refer to AH20.00-P-1142-01V <input type="checkbox"/> observe correct coolant composition	<input type="checkbox"/>
<input type="checkbox"/> Brake system - check fluid level and correct if necessary	<input type="checkbox"/> AP42.10-P-4210SX
<input type="checkbox"/> Power steering - check fluid level and correct if necessary <input type="checkbox"/> the fluid level must always be on the maximum mark, corresponding to the oil temperature	<input type="checkbox"/> AP46.00-P-4611SX
<input type="checkbox"/> Windshield washer system - check fluid level and correct if necessary	<input type="checkbox"/> AP82.35-P-8210SX
<input type="checkbox"/> Active Body Control - check fluid level and correct if necessary with Code 487 (Active Body Control (ABC))	<input type="checkbox"/> AP32.50-P-3213SX
<input type="checkbox"/> Reset maintenance service indicator in instrument cluster <input type="checkbox"/> reminder - if not yet performed	AP00.20-P-0042SX
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles or 2 years	
<input type="checkbox"/> Plus any applicable additional work listed at the end of the service sheet	
<input checked="" type="checkbox"/> Performed (check if performed)	Not OK ↓
<input type="checkbox"/> Main/starter battery - Check fluid level and correct if necessary with lead acid battery	<input type="checkbox"/> AP54.10-P-5410SX
<input type="checkbox"/> Horn - Electrical system check	<input type="checkbox"/>
<input type="checkbox"/> Warning/indicator lamps - Electrical system check	<input type="checkbox"/> AP54.30-P-5451SX
<input type="checkbox"/> Illumination and interior lighting - Electrical system check	<input type="checkbox"/> AP54.30-P-5453SX
<input type="checkbox"/> Exterior lighting, high beam flasher, hazard warning flasher, turn signals - Electrical system check	<input type="checkbox"/> AP82.10-P-8252EW
<input type="checkbox"/> Check trunk/cargo area lighting	<input type="checkbox"/>
<input type="checkbox"/> Battery (Main/starter/auxiliary) check condition using Midtronics battery tester. Attach Midtronics test report print out here	<input type="checkbox"/> AP54.10-U-5453A
<input type="checkbox"/> Check windshield washer and headlamp cleaning system	<input type="checkbox"/> AP82.30-P-8252SX
<input type="checkbox"/> Night View Assist camera - clean windshield behind the camera cover with CODE 610 (Night View Assist)	AP54.30-P-5431SX
<input type="checkbox"/> Tire rotation where applicable	
<input type="checkbox"/> Inspect tires for damage, measure thread depth and enter table at the end of the service sheet	<input type="checkbox"/> AP40.10-P-4051Z
<input type="checkbox"/> Check TIREFIT tire sealant expiration date where applicable	<input type="checkbox"/> AP40.10-P-4054R
<input type="checkbox"/> Activate Tire Pressure Monitoring System <input type="checkbox"/> refer to vehicle Operator's Manual	
<input type="checkbox"/> Visually check brake system components, lines, hoses, calipers pads	<input type="checkbox"/> AP42.10-P-4253A
<input type="checkbox"/> Check thickness of brake pads and discs, front and rear wheels removed discs	<input type="checkbox"/> AP42.10-P-4258SX

<input type="checkbox"/> Replace wiper blades			
High Mileage Additional Work			
<input checked="" type="checkbox"/> Performed (check if performed)			
<input type="checkbox"/> Replace air filter except engine 275			
engine 156	If more than 40,000 mi or 4 years since last replacement		AP09.10-P-0980SMG
engine 273	If more than 40,000 mi or 4 years since last replacement		AP09.10-P-0980SX
<input type="checkbox"/> Replace air filter engine 275	If more than 60,000 mi or 6 years since last replacement		AP09.10-P-0980SZ
<input type="checkbox"/> Automatic transmission - oil and filter change			
transmission 722.9	If more than 40,000 mi or 4 years since last replacement		AP27.00-P-2702W
transmission 722.6	If more than 40,000 mi or 4 years since last replacement		AP27.00-P-2702SX
<input type="checkbox"/> Replace spark plugs engine 275	If more than 60,000 mi or 6 years since last replacement		AP15.10-P-1580SZ
<input type="checkbox"/> Replace spark plugs engine 156, 273			
engine 156	If more than 80,000 mi or 8 years since last replacement		AP15.10-P-1580SMG
engine 273	If more than 80,000 mi or 8 years since last replacement		AP15.10-P-1580SX
<input type="checkbox"/> Replace fuel filter	If more than 150,000 mi or 15 years since last replacement		AP47.20-P-0780SX
<input type="checkbox"/> Replace coolant engine 275 main circuit	If more than 30,000 mi or 3 years since last replacement		AP20.00-P-2080SZ
<input type="checkbox"/> Replace coolant except engine 275 main circuit			
<i>i</i> observe correct coolant composition			
engine 156, 273	If more than 150,000 mi or 15 years since last replacement		AP20.00-P-2080SX
engine 275 low temperature circuit	If more than 150,000 mi or 15 years since last replacement		AP20.00-P-2080SZ

Tire inflation pressure (bar/psi)				
LF	RF	LR	RR	Spare

Tire inflation pressure (bar/psi)				
	LF	RF	LR	RR
outside				
center				
inside				