



Mercedes-Benz

AP00.20-U-1208DF SERVICE SHEET for Mercedes-Benz Maintenance System (USA)

Model Year 2010  
USA

Model 212



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

**i** 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			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP00.20-P-0042EW
<input type="checkbox"/> Engine - oil and filter change Engine 272, 273			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP18.00-P-0101EW
<input type="checkbox"/> Check catch, safety catch and hinges on engine hood for proper operation			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP88.40-P-8851EW
<input type="checkbox"/> Check condition of poly-V-belt Engine 272, 273				•		•		•		•		•		•		•	<input type="checkbox"/> AP13.22-P-1352EW	
<input type="checkbox"/> Replace fuel filter Engine 272, 273																	•	AP47.20-P-0780EW
<input type="checkbox"/> Replace coolant <input checked="" type="checkbox"/> Observe correct coolant composition Engine 272, 273																	•	AP20.00-P-2080EW
<input type="checkbox"/> Replace brake fluid				•		•		•		•		•		•		•	AP42.00-P-4280EW	
<input type="checkbox"/> Replace combination or dust filter				•		•		•		•		•		•		•	AP83.00-P-8384EW	
<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 and enter in bar or psi: LF RF LR RR bar/psi: _____			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/>
<input type="checkbox"/> Check inflation pressure in spare tire (if applicable) and enter in bar or psi: bar/psi: _____			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/>
<input type="checkbox"/> Leakage - Major components Check underbody and engine compartment for chafe marks, line routing, damaged components.				•		•		•		•		•		•		•	<input type="checkbox"/> AP00.20-P-0053EW	
<input type="checkbox"/> Visually inspect condition of front axle ball joints, rubber boots				•		•		•		•		•		•		•	<input type="checkbox"/> AP33.20-P-3353EW	
<input type="checkbox"/> Visually inspect condition of driveshaft flexible discs				•		•		•		•		•		•		•	<input type="checkbox"/> AP41.10-P-4152EW	
<input type="checkbox"/> Visually inspect condition of steering mechanical components, rubber boots				•		•		•		•		•		•		•	<input type="checkbox"/> AP46.00-P-4653EW	
<input type="checkbox"/> Automatic transmission - oil and filter change						•				•				•			AP27.00-P-2702W	
<input type="checkbox"/> Replace air filter Engine 272, 273						•				•				•			AP09.10-P-0980EW	
<input type="checkbox"/> Replace spark plugs Engine 272, 273										•							AP15.10-P-1580EW	
<b>Check the following fluid levels, correct if necessary</b>																		
<input type="checkbox"/> Check coolant level			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AH20.00-P-1142-01V
<input type="checkbox"/> Brake system			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP42.10-P-4210EW
	miles (thousands) years	2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	

<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"/> Power steering <input checked="" type="checkbox"/> <b>i</b> The fluid level must always be on the maximum mark, corresponding to the oil temperature. Engine 272, 273																			<input type="checkbox"/> AP46.00-P-4611EW
<input type="checkbox"/> Windshield washer system																			<input type="checkbox"/> AP82.35-P-8210EW
<b>Function check</b>																			
<input type="checkbox"/> Parking brake (function test only)																			<input type="checkbox"/>
<input checked="" type="checkbox"/> <b>i</b> <b>Reminder: Reset maintenance service indicator in instrument cluster</b>																			AP00.20-P-0042EW
<b>Recommended Service Work</b>																			
<input checked="" type="checkbox"/> Performed (check if performed)																			Not OK ↓
<input type="checkbox"/> Replace wiper blades																			
<b>Electrical system checks</b>																			
<input type="checkbox"/> Horn, high beam flasher, hazard warning flasher, turn signals																			<input type="checkbox"/>
<input type="checkbox"/> Warning/indicator lamps, illumination and interior lighting/exterior lighting																			<input type="checkbox"/> AP54.30-P-5452C
<input type="checkbox"/> Check trunk/cargo area lighting																			<input type="checkbox"/>
<input type="checkbox"/> Check and correct headlamp setting																			<input type="checkbox"/> AP82.10-P-8260EW
<input type="checkbox"/> Battery (main/starter/auxiliary) check condition using "Midtronics MCR 717" tester. Attach Midtronics MCR 717 Test Report print out here																			<input type="checkbox"/> AP54.10-U-5453A
<b>Visual and functional checks</b>																			
<input type="checkbox"/> Check seat belts and buckles for signs of external damage and proper function																			<input type="checkbox"/> AP91.40-P-9150EW
<input type="checkbox"/> Check windshield washer and headlamp cleaning system																			<input type="checkbox"/> AP82.30-P-8252EW
<input type="checkbox"/> Check, clean, and lubricate tilt/sliding roof mechanism (where applicable)																			<input type="checkbox"/>
<input type="checkbox"/> Check, clean, and lubricate panoramic roof mechanism (where applicable)																			<input type="checkbox"/> AP77.20-P-7732EW
<input type="checkbox"/> Check bodywork for paintwork damage																			<input type="checkbox"/> AP98.00-P-9850EW
<b>Tire checks</b>																			
<input type="checkbox"/> Tire rotation (where applicable)																			
<input type="checkbox"/> Inspect tires for damage, measure thread depth and enter in mm: LF RF LR RR outside _____ center _____ inside _____																			<input type="checkbox"/> AP40.10-P-4051EW
<input type="checkbox"/> Check TIREFIT tire sealant expiration date (where applicable)																			<input type="checkbox"/> AP40.10-P-4054EW
	miles (thousands) years	2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		

<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"/> Activate Tire Pressure Monitoring System; Refer to vehicle Operator's Manual			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
<b>Chassis checks</b>																			
<input type="checkbox"/> Visually check brake system components, lines, hoses, calipers			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		<input type="checkbox"/>
<input type="checkbox"/> Check thickness of brake pads and discs, front and rear wheels removed																			
Pads			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		<input type="checkbox"/> AP42.10-P-4253A
Discs			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		<input type="checkbox"/> AP42.10-P-4258EW
<input type="checkbox"/> Check chassis and load-bearing body components for damage and corrosion				•		•		•		•		•		•		•			<input type="checkbox"/> AP00.20-P-0090EW
<b>High Mileage Required Service Work at 160,000 miles or 16 years; then every 20,000 miles or 2 years</b>																			
<b>1 Plus any applicable additional work listed at the end of this service sheet</b>																			
<input checked="" type="checkbox"/> Performed (check if performed)																			Not OK ↓
<input type="checkbox"/> Reset maintenance service indicator in instrument cluster																			AP00.20-P-0042EW
<input type="checkbox"/> Engine - oil and filter change Engine 272, 273																			AP18.00-P-0101EW
<input type="checkbox"/> Check catch, safety catch and hinges on engine hood for proper operation																			<input type="checkbox"/> AP88.40-P-8851EW
<input type="checkbox"/> Check condition of poly-V-belt Engine 272, 273																			<input type="checkbox"/> AP13.22-P-1352EW
<input type="checkbox"/> Replace brake fluid																			AP42.00-P-4280EW
<input type="checkbox"/> Replace combination or dust filter																			AP83.00-P-8384EW
<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 and enter in bar or psi: LF      RF      LR      RR bar/psi: _____																			<input type="checkbox"/>
<input type="checkbox"/> Check inflation pressure in spare tire (if applicable) and enter in bar or psi: bar/psi: _____																			<input type="checkbox"/>
<input type="checkbox"/> <b>Leakage - Major components</b> Check underbody and engine compartment for chafe marks, line routing, damaged components.																			<input type="checkbox"/> AP00.20-P-0053EW
<input type="checkbox"/> Visually inspect condition of front axle ball joints, rubber boots																			<input type="checkbox"/> AP33.20-P-3353EW
<input type="checkbox"/> Visually inspect condition of driveshaft flexible discs																			<input type="checkbox"/> AP41.10-P-4152EW
<input type="checkbox"/> Visually inspect condition of steering mechanical components, rubber boots																			<input type="checkbox"/> AP46.00-P-4653EW
<b>Check the following fluid levels, correct if necessary</b>																			
<input type="checkbox"/> Check coolant level																			<input type="checkbox"/> AH20.00-P-1142-01V
<input type="checkbox"/> Brake system																			<input type="checkbox"/> AP42.10-P-4210EW

<input type="checkbox"/> Power steering																					
<b>i</b> The fluid level must always be on the maximum mark, corresponding to the oil temperature.																					
Engine 272, 273	<input type="checkbox"/> AP46.00-P-4611EW																				
<input type="checkbox"/> Windshield washer system	<input type="checkbox"/> AP82.35-P-8210EW																				
<b>Function check</b>																					
<input type="checkbox"/> Parking brake (function test only)	<input type="checkbox"/>																				
<b>i</b> <b>Reminder: Reset maintenance service indicator in instrument cluster</b>	AP00.20-P-0042EW																				
<b>High Mileage Recommended Service Work at 160,000 miles or 16 years; then every 20,000 miles or 2 years</b>																					
<input checked="" type="checkbox"/> Performed (check if performed)	<b>Not OK</b> ↓																				
<input type="checkbox"/> Replace wiper blades																					
<b>Electrical system checks</b>																					
<input type="checkbox"/> Horn, high beam flasher, hazard warning flasher, turn signals	<input type="checkbox"/>																				
<input type="checkbox"/> Warning/indicator lamps, illumination and interior lighting/exterior lighting	<input type="checkbox"/> AP54.30-P-5452C																				
<input type="checkbox"/> Check trunk/cargo area lighting	<input type="checkbox"/>																				
<input type="checkbox"/> Check and correct headlamp setting	<input type="checkbox"/> AP82.10-P-8260EW																				
<input type="checkbox"/> Battery (main/starter/auxiliary) check condition using "Midtronics MCR 717" tester. Attach Midtronics MCR 717 Test Report print out here	<input type="checkbox"/> AP54.10-U-5453A																				
<b>Visual and functional checks</b>																					
<input type="checkbox"/> Check seat belts and buckles for signs of external damage and proper function	<input type="checkbox"/> AP91.40-P-9150EW																				
<input type="checkbox"/> Check windshield washer and headlamp cleaning system	<input type="checkbox"/> AP82.30-P-8252EW																				
<input type="checkbox"/> Check, clean, and lubricate tilt/sliding roof mechanism (where applicable)	<input type="checkbox"/>																				
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<input type="checkbox"/> Inspect tires for damage, measure thread depth and enter in mm:	<input type="checkbox"/> AP40.10-P-4051EW																				
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	LF	RF	LR	RR																	
outside	_____	_____	_____	_____																	
center	_____	_____	_____	_____																	
inside	_____	_____	_____	_____																	
<input type="checkbox"/> Check TIREFIT tire sealant expiration date (where applicable)	<input type="checkbox"/> AP40.10-P-4054EW																				
<input type="checkbox"/> Activate Tire Pressure Monitoring System; Refer to vehicle Operator's Manual																					
<b>Chassis checks</b>																					
<input type="checkbox"/> Visually check brake system components, lines, hoses, calipers	<input type="checkbox"/>																				

<input type="checkbox"/> Check thickness of brake pads and discs, front and rear wheels removed	
Pads	<input type="checkbox"/> AP42.10-P-4253A
Discs	<input type="checkbox"/> AP42.10-P-4258EW
<input type="checkbox"/> Check chassis and load-bearing body components for damage and corrosion	<input type="checkbox"/> AP00.20-P-0090EW
<b>High Mileage Required Service Work at 170,000 miles or 17 years; then every 20,000 miles or 2 years</b>	
<b>i Plus any applicable additional work listed at the end of this service sheet</b>	
<input checked="" type="checkbox"/> Performed (check if performed)	<b>Not OK</b> ↓
<input type="checkbox"/> Reset maintenance service indicator in instrument cluster	AP00.20-P-0042EW
<input type="checkbox"/> Engine - oil and filter change Engine 272, 273	AP18.00-P-0101EW
<input type="checkbox"/> Check catch, safety catch and hinges on engine hood for proper operation	<input type="checkbox"/> AP88.40-P-8851EW
<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 and enter in bar or psi: LF      RF      LR      RR bar/psi: _____	<input type="checkbox"/>
<input type="checkbox"/> Check inflation pressure in spare tire (if applicable) and enter in bar or psi: bar/psi: _____	<input type="checkbox"/>
<b>Check the following fluid levels, correct if necessary</b>	
<input type="checkbox"/> Check coolant level	<input type="checkbox"/> AH20.00-P-1142-01V
<input type="checkbox"/> Brake system	<input type="checkbox"/> AP42.10-P-4210EW
<input type="checkbox"/> Power steering <b>i</b> The fluid level must always be on the maximum mark, corresponding to the oil temperature. Engine 272, 273	<input type="checkbox"/> AP46.00-P-4611EW
<input type="checkbox"/> Windshield washer system	<input type="checkbox"/> AP82.35-P-8210EW
<b>i</b> <b>Reminder: Reset maintenance service indicator in instrument cluster</b>	AP00.20-P-0042EW
<b>High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles or 2 years</b>	
<input checked="" type="checkbox"/> Performed (check if performed)	<b>Not OK</b> ↓
<input type="checkbox"/> Replace wiper blades	
<b>Electrical system checks</b>	
<input type="checkbox"/> Horn, high beam flasher, hazard warning flasher, turn signals	<input type="checkbox"/>
<input type="checkbox"/> Warning/indicator lamps, illumination and interior lighting/exterior lighting	<input type="checkbox"/> AP54.30-P-5452C
<input type="checkbox"/> Check trunk/cargo area lighting	<input type="checkbox"/>
<input type="checkbox"/> Battery (main/starter/auxiliary) check condition using "Midtronics MCR 717" tester. Attach Midtronics MCR 717 Test Report print out here	<input type="checkbox"/> AP54.10-U-5453A

<b>Visual and functional checks</b>																							
<input type="checkbox"/>	Check windshield washer and headlamp cleaning system		<input type="checkbox"/> AP82.30-P-8252EW																				
<b>Tire checks</b>																							
<input type="checkbox"/>	Tire rotation (where applicable)																						
<input type="checkbox"/>	Inspect tires for damage, measure thread depth and enter in mm:		<input type="checkbox"/> AP40.10-P-4051EW																				
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	LF	RF	LR	RR																			
outside	_____	_____	_____	_____																			
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inside	_____	_____	_____	_____																			
<input type="checkbox"/>	Check TIREFIT tire sealant expiration date (where applicable)		<input type="checkbox"/> AP40.10-P-4054EW																				
<input type="checkbox"/>	Activate Tire Pressure Monitoring System; Refer to vehicle Operator's Manual																						
<b>Chassis checks</b>																							
<input type="checkbox"/>	Visually check brake system components, lines, hoses, calipers		<input type="checkbox"/>																				
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	Pads		<input type="checkbox"/> AP42.10-P-4253A																				
	Discs		<input type="checkbox"/> AP42.10-P-4258EW																				
<b>High Mileage Additional Work</b>																							
<input checked="" type="checkbox"/>	Performed																						
(check if performed)																							
<input type="checkbox"/>	Replace fuel filter																						
	Engine 272, 273	If more than 150,000 mi or 15 years since last replacement	AP47.20-P-0780EW																				
<input type="checkbox"/>	Replace coolant																						
<input checked="" type="checkbox"/>	Observe correct coolant composition																						
	Engine 272, 273	If more than 150,000 mi or 15 years since last replacement	AP20.00-P-2080EW																				
<input type="checkbox"/>	Automatic transmission - oil and filter change	If more than 40,000 mi or 4 years since last replacement	AP27.00-P-2702W																				
<input type="checkbox"/>	Replace air filter																						
	Engine 272, 273	If more than 40,000 mi or 4 years since last replacement	AP09.10-P-0980EW																				
<input type="checkbox"/>	Replace spark plugs																						
	Engine 272, 273	If more than 80,000 mi or 8 years since last replacement	AP15.10-P-1580EW																				