



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"/> Rear axle differential fluid replacement only E 63 AMG with AMG performance package or Code (471) Manual locking differential		•				•				•				•				AP35.00-P-3501CMG
<input type="checkbox"/> Engine - oil and filter change Engine 272, 273			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP18.00-P-0101EW
Engine 156			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP18.00-P-0101CMG
Engine 642			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP18.00-P-0101EWO
<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"/> Fill up AdBlue® (Engine 642)			•		•		•		•		•		•		•		•	AP14.40-P-1410BT
<input type="checkbox"/> AdBlue® evacuate and fill up (Engine 642)				•		•		•		•		•		•		•		AP14.40-P-1410BT
<input type="checkbox"/> Check condition of poly-V-belt Engine 272, 273, 156, 642				•		•		•		•		•		•		•		<input type="checkbox"/> AP13.22-P-1352EW
<input type="checkbox"/> Clean water deflector			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP82.35-P-8232A
<input type="checkbox"/> Replace fuel filter Engine 272, 273, 156																	•	AP47.20-P-0780EW
Engine 642				•		•		•		•		•		•		•		AP47.20-P-0780EW
<input type="checkbox"/> Replace coolant <input checked="" type="checkbox"/> Observe correct coolant composition Engine 272, 273, 156, 642																	•	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"/> Check AdBlue® lines and components for leaks and damage (Engine 642)				•		•		•		•		•		•		•		<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
	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		

	miles (thousands)	2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150		
	years	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
<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	
Engine 156						•				•				•				AP09.10-P-0980CMG	
Engine 642						•				•				•				AP09.10-P-0980EWO	
<input type="checkbox"/> Replace spark plugs																			
Engine 272, 273									•					•				AP15.10-P-1580EW	
Engine 156									•					•				AP15.10-P-1580CMG	
Check the following fluid levels, correct if necessary																			
<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																			
i The fluid level must always be on the maximum mark, corresponding to the oil temperature.																			
Engine 272, 273, 156, 642			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		<input type="checkbox"/> AP46.00-P-4611EW
<input type="checkbox"/> Windshield washer system			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		<input type="checkbox"/> AP82.35-P-8210EW
Function check																			
<input type="checkbox"/> Parking brake (function test only)			•		•		•		•		•		•		•		•		<input type="checkbox"/>
i Reminder: Reset maintenance service indicator in instrument cluster			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP00.20-P-0042EW
Recommended Service Work																			
<input checked="" type="checkbox"/> Performed (check if performed)																			Not OK ↓
<input type="checkbox"/> Replace wiper blades			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Electrical system checks																			
<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
Visual and functional checks																			
<input type="checkbox"/> Check seat belts and buckles for signs of external damage and proper function			•		•		•		•		•		•		•		•		<input type="checkbox"/> AP91.40-P-9150EW
	miles (thousands)	2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150		
	years	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			

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 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	
Tire checks																	
<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
<input type="checkbox"/> Activate Tire Pressure Monitoring System; Refer to vehicle Operator's Manual	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Chassis checks																	
<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 Discs	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP42.10-P-4253A <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	
High Mileage Required 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 this 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-0042EW
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<input type="checkbox"/> Check catch, safety catch and hinges on engine hood for proper operation																	<input type="checkbox"/> AP88.40-P-8851EW
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<input type="checkbox"/> Correct tire inflation pressure and enter in bar or psi: LF RF LR RR bar/psi: _____	<input type="checkbox"/>
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Function check	
<input type="checkbox"/> Parking brake (function test only)	<input type="checkbox"/>
i Reminder: Reset maintenance service indicator in instrument cluster	AP00.20-P-0042EW
High Mileage Recommended Service Work at 160,000 miles or 16 years; then every 20,000 miles or 2 years	
<input checked="" type="checkbox"/> Performed (check if performed)	Not OK ↓
<input type="checkbox"/> Replace wiper blades	
Electrical system checks	
<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

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<input type="checkbox"/> Visually check brake system components, lines, hoses, calipers	<input type="checkbox"/>																				
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<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 <table style="margin-left: 40px;"> <tr> <td>Pads</td> <td><input type="checkbox"/></td> <td>AP42.10-P-4253A</td> </tr> <tr> <td>Discs</td> <td><input type="checkbox"/></td> <td>AP42.10-P-4258EW</td> </tr> </table>	Pads	<input type="checkbox"/>	AP42.10-P-4253A	Discs	<input type="checkbox"/>	AP42.10-P-4258EW															
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High Mileage Additional Work Performed
(check if performed)

<input type="checkbox"/> Rear axle differential fluid replacement only E 63 AMG with AMG performance package or Code (471) Manual locking differential	If more than 40,000 mi or 4 years since last replacement	AP35.00-P-3501CMG
<input type="checkbox"/> Replace fuel filter Engine 272, 273, 156	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, 156, 642	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
Engine 156	If more than 40,000 mi or 4 years since last replacement	AP09.10-P-0980CMG
Engine 642	If more than 40,000 mi or 4 years since last replacement	AP09.10-P-0980EWO
<input type="checkbox"/> Replace spark plugs Engine 272, 273	If more than 60,000 mi or 6 years since last replacement	AP15.10-P-1580EW
Engine 156	If more than 60,000 mi or 6 years since last replacement	AP15.10-P-1580CMG