



Mercedes-Benz

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

Model Year 2012
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 [ ]

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 276, 278, 157 Engine 642		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP18.00-P-0101EW 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 DEF (Engine 642)		•		•		•		•		•		•		•		•		AP14.40-P-1410BT
<input type="checkbox"/> DEF evacuate and fill up (Engine 642)			•		•		•		•		•		•		•		•	AP14.40-P-1410BT
<input type="checkbox"/> Check condition of poly-V-belt Engine 276, 278, 157, 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 276, 278, 157 Engine 642				•		•		•		•		•		•		•	•	AP47.20-P-0780EW AP47.20-P-0780EWO
<input type="checkbox"/> Replace coolant <b>i</b> Observe correct coolant composition Engine 276, 278, 157, 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 DEF 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	Not OK ↓	
	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																			
Transmission 722.9					•				•				•					AP27.00-P-2702W	
Engine 157 with NAG2-V Sport and wet start-up clutch and																			
Engine 642 with NAG2																			
Transmission 722.9								•								•		AP27.00-P-2702W	
Engine 276, 278 with NAG2-FE+																			
<input type="checkbox"/> Replace air filter																			
Engine 276, 278, 157						•			•						•			AP09.10-P-0980MM	
Engine 642						•			•						•			AP09.10-P-0980CWX	
<input type="checkbox"/> Replace spark plugs																			
Engine 276, 278, 157								•							•			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
<input type="checkbox"/> Power steering																			
<b>i</b> The fluid level must always be on the maximum mark, corresponding to the oil temperature.																			
Engine 276, 278, 157, 642			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<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>Recommended Service Work</b>																			
<input checked="" type="checkbox"/> Performed (check if performed)																			Not OK ↓
<input type="checkbox"/> Replace combination or dust filter			•		•		•		•		•		•		•		•		AP83.00-P-8384EW
<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 battery tester. Attach Midtronics test report print out here			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP54.10-U-5453A
	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	Not OK ↓
<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
<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 Discs except Code (B07) ceramic brake system with Code (B07) ceramic brake system		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP42.10-P-4253A <input type="checkbox"/> AP42.10-P-4258EW <input type="checkbox"/> AP42.10-P-4258QQ
<input type="checkbox"/> Check chassis and load-bearing body components for damage and corrosion			•		•		•		•		•		•		•			<input type="checkbox"/> AP00.20-P-0090EW
	miles (thousands) years	2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	
<b>High Mileage Required Service Work at 160,000 miles or 16 years; then every 20,000 miles or 2 years</b>																		
<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)																		
<b>Not OK</b> ↓																		
<input type="checkbox"/> Reset maintenance service indicator in instrument cluster																		<input type="checkbox"/> AP00.20-P-0042EW
<input type="checkbox"/> Engine - oil and filter change Engine 276, 278, 157 Engine 642																		<input type="checkbox"/> AP18.00-P-0101EW <input type="checkbox"/> 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"/> DEF evacuate and fill up (Engine 642)	AP14.40-P-1410BT
<input type="checkbox"/> Check condition of poly-V-belt Engine 276, 278, 157, 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 642	AP47.20-P-0780EWO
<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"/> Check DEF 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
<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 276, 278, 157, 642	<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 battery tester. Attach Midtronics 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:	<input type="checkbox"/> AP40.10-P-4051EW																				
<table border="0"> <tr> <td></td> <td>LF</td> <td>RF</td> <td>LR</td> <td>RR</td> </tr> <tr> <td>outside</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>center</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>inside</td> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> </table>		LF	RF	LR	RR	outside	_____	_____	_____	_____	center	_____	_____	_____	_____	inside	_____	_____	_____	_____	
	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																					
except Code (B07) ceramic brake system	<input type="checkbox"/> AP42.10-P-4258EW																				
with Code (B07) ceramic brake system	<input type="checkbox"/> AP42.10-P-4258QQ																				
<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>1 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 276, 278, 157	AP18.00-P-0101EW																				
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 DEF (Engine 642)	AP14.40-P-1410BT
<input type="checkbox"/> Clean water deflector	AP82.35-P-8232A
<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 <i>i</i> The fluid level must always be on the maximum mark, corresponding to the oil temperature. Engine 276, 278, 157, 642	<input type="checkbox"/> AP46.00-P-4611EW
<input type="checkbox"/> Windshield washer system	<input type="checkbox"/> AP82.35-P-8210EW
<i>i</i> <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 combination or dust filter	AP83.00-P-8384EW
<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 battery tester. Attach Midtronics 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: 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		
<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		
except Code (B07) ceramic brake system		<input type="checkbox"/> AP42.10-P-4258EW
with Code (B07) ceramic brake system		<input type="checkbox"/> AP42.10-P-4258QQ
<b>High Mileage Additional Work</b>		
<input checked="" type="checkbox"/> 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	<b>If more than 40,000 mi or 4 years since last replacement</b>	AP35.00-P-3501CMG
<input type="checkbox"/> Replace fuel filter Engine 276, 278, 157	<b>If more than 150,000 mi or 15 years since last replacement</b>	AP47.20-P-0780EW
<input type="checkbox"/> Replace coolant <input type="checkbox"/> Observe correct coolant composition Engine 276, 278, 157, 642	<b>If more than 150,000 mi or 15 years since last replacement</b>	AP20.00-P-2080EW
<input type="checkbox"/> Automatic transmission - oil and filter change		
Transmission 722.9 Engine 157 with NAG2-V Sport and wet start-up clutch and Engine 642 with NAG2	<b>If more than 40,000 mi or 4 years since last replacement</b>	AP27.00-P-2702W
Transmission 722.9 Engine 276, 278 with NAG2-FE+	<b>If more than 70,000 mi or 7 years since last replacement</b>	AP27.00-P-2702W
<input type="checkbox"/> Replace air filter		
Engine 276, 278, 157	<b>If more than 40,000 mi or 4 years since last replacement</b>	AP09.10-P-0980MM
Engine 642	<b>If more than 40,000 mi or 4 years since last replacement</b>	AP09.10-P-0980CWX
<input type="checkbox"/> Replace spark plugs Engine 276, 278, 157	<b>If more than 60,000 mi or 6 years since last replacement</b>	AP15.10-P-1580EW