



Mercedes-Benz

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

Model Year 2009
USA

Model 164



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-0042GZ
<input type="checkbox"/> Engine - oil and filter change																			
Engine 273, 156			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP18.00-P-0101GZ
Engine 272			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP18.00-P-0101GZC
Engine 642			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP18.00-P-0101TQ
<input type="checkbox"/> Check catch, safety catch and hinges on engine hood for proper operation			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP88.40-P-8851GZ
<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"/> Clean water drain in air/water duct <i>i</i> Alternatively the grommet can be removed completely				•		•		•		•		•		•		•			AP83.10-P-8339M
<input type="checkbox"/> Check condition of poly-V-belt																			
Engine 272, 273				•		•		•		•		•		•		•		•	<input type="checkbox"/> AP13.22-P-1352GZC
Engine 156				•		•		•		•		•		•		•		•	<input type="checkbox"/> AP13.22-P-1352GZ
Engine 642				•		•		•		•		•		•		•		•	<input type="checkbox"/> AP13.22-P-1352GZD
<input type="checkbox"/> Replace fuel filter																			
Engine 272, 273, 156																		•	AP47.20-P-0780GZ
Engine 642				•		•		•		•		•		•		•		•	AP47.20-P-0780GZD
<input type="checkbox"/> Replace coolant																			
Engine 272, 273, 156																		•	AP20.00-P-2080GZ
Engine 642																		•	AP20.00-P-2080GZD
<input type="checkbox"/> Replace brake fluid				•		•		•		•		•		•		•		•	AP42.00-P-4280GZ
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-4210GZ
<input type="checkbox"/> Power steering <i>i</i> The fluid level must always be on the maximum mark, corresponding to the oil temperature.			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP46.00-P-4611GZ
<input type="checkbox"/> Windshield washer system			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP82.35-P-8210GZ
Function check																			
<input type="checkbox"/> Parking brake (function test only)				•		•		•		•		•		•		•		•	<input type="checkbox"/>
<input type="checkbox"/> Replace combination filter				•		•		•		•		•		•		•		•	AP83.00-P-8384GZ
<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"/>
	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"/> Leakage - Major components Check underbody and engine compartment for chafe marks, line routing, damaged components.				•		•		•		•		•		•		•			<input type="checkbox"/> AP00.20-P-0053GZ
<input type="checkbox"/> Check AdBlue® lines and components for leaks and damage (Engine 642)				•		•		•		•		•		•		•			<input type="checkbox"/> AP00.20-P-0053GZ
<input type="checkbox"/> Visually inspect condition of front axle ball joints, rubber boots				•		•		•		•		•		•		•			<input type="checkbox"/>
<input type="checkbox"/> Visually inspect condition of rear axle ball joints, rubber boots				•		•		•		•		•		•		•			<input type="checkbox"/>
<input type="checkbox"/> Visually inspect condition of steering mechanical components, rubber boots				•		•		•		•		•		•		•			<input type="checkbox"/>
<input type="checkbox"/> Automatic transmission - oil and filter change							•			•					•				AP27.00-P-2702W
<input type="checkbox"/> Replace air filter Engine 272, 273 Engine 156 Engine 642							•			•					•				AP09.10-P-0980GZC AP09.10-P-0980GZS AP09.10-P-0980GZD
<input type="checkbox"/> Replace spark plugs Engine 272, 273 Engine 156										•		•							AP15.10-P-1580GZC AP15.10-P-1580RTS
i Reminder: Reset maintenance service indicator in instrument cluster				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP00.20-P-0042GZ
Recommended Service Work <input checked="" type="checkbox"/> Performed (check if performed)																			Not OK ↓
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-8260GZ
<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-9150GZ
<input type="checkbox"/> Check windshield washer and headlamp cleaning system				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP82.30-P-8252GZ
<input type="checkbox"/> Check, clean, and lubricate tilt/sliding roof mechanism (where applicable)					•		•		•		•		•		•		•		<input type="checkbox"/>
<input type="checkbox"/> Check bodywork for paintwork damage					•		•		•		•		•		•		•		<input type="checkbox"/> AP98.00-P-9850GZ
	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)	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		
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-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; 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-4258GZ
<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		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	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		
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-0042GZ
<input type="checkbox"/> Engine - oil and filter change Engine 273, 156 Engine 272 Engine 642																		AP18.00-P-0101GZ AP18.00-P-0101GZC AP18.00-P-0101TQ
<input type="checkbox"/> Check catch, safety catch and hinges on engine hood for proper operation																		<input type="checkbox"/> AP88.40-P-8851GZ
<input type="checkbox"/> AdBlue® evacuate and fill up (Engine 642)																		AP14.40-P-1410BT
<input type="checkbox"/> Clean water drain in air/water duct																		AP83.10-P-8339M
<input type="checkbox"/> Check condition of poly-V-belt Engine 272, 273 Engine 156 Engine 642																		<input type="checkbox"/> AP13.22-P-1352GZC <input type="checkbox"/> AP13.22-P-1352GZ <input type="checkbox"/> AP13.22-P-1352GZD
<input type="checkbox"/> Replace fuel filter Engine 642																		AP47.20-P-0780GZD
<input type="checkbox"/> Replace brake fluid																		AP42.00-P-4280GZ

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-4210GZ
<input type="checkbox"/> Power steering i The fluid level must always be on the maximum mark, corresponding to the oil temperature.	<input type="checkbox"/> AP46.00-P-4611GZ
<input type="checkbox"/> Windshield washer system	<input type="checkbox"/> AP82.35-P-8210GZ
Function check	
<input type="checkbox"/> Parking brake (function test only)	<input type="checkbox"/>
<input type="checkbox"/> Replace combination filter	AP83.00-P-8384GZ
<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-0053GZ
<input type="checkbox"/> Check AdBlue® lines and components for leaks and damage (Engine 642)	<input type="checkbox"/> AP00.20-P-0053GZ
<input type="checkbox"/> Visually inspect condition of front axle ball joints, rubber boots	<input type="checkbox"/>
<input type="checkbox"/> Visually inspect condition of rear axle ball joints, rubber boots	<input type="checkbox"/>
<input type="checkbox"/> Visually inspect condition of steering mechanical components, rubber boots	<input type="checkbox"/>
i Reminder: Reset maintenance service indicator in instrument cluster	AP00.20-P-0042GZ
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 ↓
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-8260GZ
<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-9150GZ

<input type="checkbox"/> Check windshield washer and headlamp cleaning system	<input type="checkbox"/> AP82.30-P-8252GZ																				
<input type="checkbox"/> Check, clean, and lubricate tilt/sliding roof mechanism (where applicable)	<input type="checkbox"/>																				
<input type="checkbox"/> Check bodywork for paintwork damage	<input type="checkbox"/> AP98.00-P-9850GZ																				
Tire checks																					
<input type="checkbox"/> Tire rotation (where applicable)																					
<input type="checkbox"/> Inspect tires for damage, measure thread depth and enter in mm: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">LF</th> <th style="text-align: center;">RF</th> <th style="text-align: center;">LR</th> <th style="text-align: center;">RR</th> </tr> </thead> <tbody> <tr> <td>outside</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>center</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> <tr> <td>inside</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> <td style="text-align: center;">_____</td> </tr> </tbody> </table>		LF	RF	LR	RR	outside	_____	_____	_____	_____	center	_____	_____	_____	_____	inside	_____	_____	_____	_____	<input type="checkbox"/> AP40.10-P-4051Z
	LF	RF	LR	RR																	
outside	_____	_____	_____	_____																	
center	_____	_____	_____	_____																	
inside	_____	_____	_____	_____																	
<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; 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-4258GZ																				
<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																					
<i>i</i> 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-0042GZ																				
<input type="checkbox"/> Engine - oil and filter change Engine 273, 156 Engine 272 Engine 642	AP18.00-P-0101GZ AP18.00-P-0101GZC AP18.00-P-0101TQ																				
<input type="checkbox"/> Check catch, safety catch and hinges on engine hood for proper operation	<input type="checkbox"/> AP88.40-P-8851GZ																				
<input type="checkbox"/> Fill up AdBlue® (Engine 642)	AP14.40-P-1410BT																				
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-4210GZ																				
<input type="checkbox"/> Power steering <i>i</i> The fluid level must always be on the maximum mark, corresponding to the oil temperature.	<input type="checkbox"/> AP46.00-P-4611GZ																				
<input type="checkbox"/> Windshield washer system	<input type="checkbox"/> AP82.35-P-8210GZ																				
<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"/>
i Reminder: Reset maintenance service indicator in instrument cluster	AP00.20-P-0042GZ
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles or 2 years	
<input checked="" type="checkbox"/> Performed (check if performed)	Not OK ↓
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"/> 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 windshield washer and headlamp cleaning system	<input type="checkbox"/> AP82.30-P-8252GZ
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-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; 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-4258GZ
<input type="checkbox"/> Replace wiper blades	
High Mileage Additional Work	
<input checked="" type="checkbox"/> Performed (check if performed)	
<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-0780GZ

<input type="checkbox"/> Replace coolant			
Engine 272, 273, 156	If more than 150,000 mi or 15 years since last replacement		AP20.00-P-2080GZ
Engine 642	If more than 150,000 mi or 15 years since last replacement		AP20.00-P-2080GZD
<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-0980GZC
Engine 156	If more than 40,000 mi or 4 years since last replacement		AP09.10-P-0980GZS
Engine 642	If more than 40,000 mi or 4 years since last replacement		AP09.10-P-0980GZD
<input type="checkbox"/> Replace spark plugs			
Engine 272, 273	If more than 80,000 mi or 8 years since last replacement		AP15.10-P-1580GZC
Engine 156	If more than 80,000 mi or 8 years since last replacement		AP15.10-P-1580RTS