

Mercedes-Benz

AP00.20-U-1208DF

SERVICE SHEET for Mercedes-Benz Maintenance System (USA)

Model Year 2010



Customer:		Rep	air order numb	er:	
Tire Rotation (non-staggered width wheel setup only)	A 5,000-mile recommended to interval will likely necessitate at least once in between each maintenance service and at e mile maintenance service.	e tire rotation 10,000-mile	s rotated	YES	NO
	n found while performing the cheo ng a separate repair order.	ks or inspections incluc	led in this main	tenance sheet, de	termine the cause
Current mileage reading:		Oil g	grade/viscosity	:	
Additional notes:					
Service work to be perforr service advisor:	ned as advised by Cor	mpletion date:	Confirm work below:	has been perform	ed by signing

Required Service Workmiles (thousands)Image: Performedyears(check if performed)	2	10 1	20 2	30 3	40 4	50 5	60 6	70 7	80 8	90 9	100 10	110 11	120 12	130 13	140 14	150 15	Not OK ↓	
Reset maintenance service indicator in instrument cluster		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP00.20-P-0042EW
☐ Rear axle differential fluid replacement only E 63 AMG with AMG performance package or Code (471) Manual locking differential	•				•				•				•					AP35.00-P-3501CMG
Engine - oil and filter change																		
Engine 272, 273		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP18.00-P-0101EW
Engine 156		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP18.00-P-0101CMG
Engine 642		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP18.00-P-0101EWO
Check catch, safety catch and hinges on engine hood for proper operation		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP88.40-P-8851EW
☐ Fill up AdBlue® (Engine 642)		•		•		•		•		•		•		•		•		AP14.40-P-1410BT
AdBlue [®] evacuate and fill up (Engine 642)			•		•		•		•		•		•		•			AP14.40-P-1410BT
Check condition of poly-V-belt																		
Engine 272, 273, 156, 642			•		•		•		•		•		•		•			AP13.22-P-1352EW
Clean water deflector		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP82.35-P-8232A
Replace fuel filter																		
Engine 272, 273, 156																•		AP47.20-P-0780EW
Engine 642			•		•		•		•		•		٠		•			AP47.20-P-0780EW
Replace coolant i Observe correct coolant composition																		
Engine 272. 273, 156, 642																•		AP20.00-P-2080EW
Replace brake fluid			•		•		•		•		•		•		•			AP42.00-P-4280EW
Replace combination or dust filter			•		•		•		•		•		٠		•			AP83.00-P-8384EW
Check thickness of brake pads, front and rear		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP42.10-P-4253A
Correct tire inflation pressure and enter in bar or psi: LF RF LR RR bar/psi:		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Check inflation pressure in spare tire (if applicable) and enter in bar or psi: bar/psi:		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
☐ Leakage - Major components Check underbody and engine compartment for chafe marks, line routing, damaged components.			•		•		•		•		•		•		•			AP00.20-P-0053EW
Check AdBlue [®] lines and components for leaks and damage (Engine 642)			•		•		•		•		•		•		•			AP00.20-P-0053EW
□ Visually inspect condition of front axle ball joints, rubber boots			•		•		•		•		•		•		•			AP33.20-P-3353EW
Visually inspect condition of driveshaft flexible discs			•		•		•		•		•		•		•			AP41.10-P-4152EW
miles (thousands) years	2	10 1	20 2		40 4	50 5	60 6	70 7	80 8	90 9	100 10	110 11	120 12	130 13	140 14	150 15		

miles (thousands) years	2	10 1		30 3		50 5		70 7		90 9	100 10	110 11	120 12	130 13	140 14	150 15		
☐ Visually inspect condition of steering mechanical components, rubber boots			•		•		•		•		•		•		•			AP46.00-P-4653EW
Automatic transmission - oil and filter change					•				•				•					AP27.00-P-2702W
Replace air filter																		
Engine 272, 273					•				•				•					AP09.10-P-0980EW
Engine 156					•				•				•					AP09.10-P-0980CMG
Engine 642					•				•				•					AP09.10-P-0980CWX
Replace spark plugs																		
Engine 272, 273							•						•					AP15.10-P-1580EW
Engine 156							•						•					AP15.10-P-1580CMG
Check the following fluid levels, correct if necessary																		
Check coolant level		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AH20.00-P-1142-01V
Brake system		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP42.10-P-4210EW
Power steering I The fluid level must always be on the maximum mark, corresponding to the oil temperature.																		
Engine 272, 273, 156, 642		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP46.00-P-4611EW
Windshield washer system		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP82.35-P-8210EW
Function check																		
Parking brake (function test only)			•		•		•		•		•		•		•			
i Reminder: Reset maintenance service indicator in instrument cluster		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP00.20-P-0042EW
Recommended Service Work Performed (check if performed)																	Not OK ↓	
Replace wiper blades		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Electrical system checks																		
Horn, high beam flasher, hazard warning flasher, turn signals		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Warning/indicator lamps, illumination and interior lighting/exterior lighting		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP54.30-P-5452C
Check trunk/cargo area lighting		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Check and correct headlamp setting			•		•		•		•		•		•		•			AP82.10-P-8260EW
Battery (main/starter/auxiliary) check condition using "Midtronics MCR 717" tester. Attach Midtronics MCR 717 Test Report print out here		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP54.10-U-5453A
Visual and functional checks																		
☐ Check seat belts and buckles for signs of external damage and proper function			•		•		•		•		•		•		•			AP91.40-P-9150EW
miles (thousands) years	2	10 1	20 2	30 3		50 5		70 7		90 9	100 10	110 11	120 12	130 13	140 14	150 15		

miles (thousands) years	2	10 1	20 2	30 3	40 4	50 5	60 6	70 7	80 8	90 9	100 10	110 11	120 12	130 13			150 15		
Check windshield washer and headlamp cleaning system		•	•	•	•	•	•	•	•	•	•	•	•	•		•	•		AP82.30-P-8252EW
Check, clean, and lubricate tilt/sliding roof mechanism (where applicable)			•		•		•		•		•		•			•]
Check, clean, and lubricate panoramic roof mechanism (where applicable)			•		•		•		•		•		•			•] AP77.20-P-7732EW
Check bodywork for paintwork damage			•	_	•		•		•		•		•			•			AP98.00-P-9850EW
Tire checks																			
Tire rotation (where applicable)		•	•	•	•	•	•	•	•	•	٠	•	•	•		•	•		
☐ Inspect tires for damage, measure thread depth and enter in mm: LF RF LR RR outside		•	•	•	•	•	•	•	•	•	•	•	•	•		•	•] AP40.10-P-4051EW
Check TIREFIT tire sealant expiration date (where applicable)		•	•	•	•	•	•	•	•	•	•	٠	•	•		•	•		AP40.10-P-4054EW
Activate Tire Pressure Monitoring System; Refer to vehicle Operator's Manual		•	•	•	•	•	•	•	•	•	•	•	•	•		•	•		
Chassis checks																			
Visually check brake system components, lines, hoses, calipers		•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	C]
 Check thickness of brake pads and discs, front and rear wheels removed Pads 		•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	C] AP42.10-P-4253A
Discs		•	•	•	•	•	•	•	•	•	٠	•	•	•		•	•		AP42.10-P-4258EW
Check chassis and load-bearing body components for damage and corrosion			•		•		•		•		•		•			•			AP00.20-P-0090EW
High Mileage Required Service Work at 10 iPlus any applicable additional work listed at Performed (check if performed)										eve	ry 20	0,000	0 mil	es o	or 2	ye	ars	Not OK ↓	
Reset maintenance service indicator in instrument cluster																			AP00.20-P-0042EW
Engine - oil and filter change																			
Engine 272, 273																			AP18.00-P-0101EW
Engine 156																			AP18.00-P-0101CMG
Engine 642																			AP18.00-P-0101EWO
□ Check catch, safety catch and hinges on engine hood for proper operation																			AP88.40-P-8851EW
AdBlue [®] evacuate and fill up (Engine 642)		_	_	_	_	_		_	_						_				AP14.40-P-1410BT
Check condition of poly-V-belt							_			_	_	_	_						
Engine 272, 273, 156, 642																			AP13.22-P-1352EW
Clean water deflector																			AP82.35-P-8232A
Replace fuel filter																			
Engine 642																			AP47.20-P-0780EW

Replace combination or dust filter		AP83.00-P-8384EW
Check thickness of brake pads, front and rear		AP42.10-P-4253A
Correct tire inflation pressure and enter in bar or psi:		
LF RF LR RR bar/psi:		
Check inflation pressure in spare tire (if applicable) and enter in bar or psi: bar/psi:		
Leakage - Major components Check underbody and engine compartment for chafe marks, line routing, damaged components.		AP00.20-P-0053EW
Check AdBlue [®] lines and components for leaks and damage (Engine 642)		AP00.20-P-0053EW
Visually inspect condition of front axle ball joints, rubber boots		AP33.20-P-3353EW
☐ Visually inspect condition of driveshaft flexible discs		AP41.10-P-4152EW
Visually inspect condition of steering mechanical components, rubber boots		AP46.00-P-4653EW
Check the following fluid levels, correct if		
necessary		
Check coolant level		AH20.00-P-1142-01V
Brake system		AP42.10-P-4210EW
 Power steering The fluid level must always be on the maximum mark, corresponding to the oil temperature. 		
Engine 272, 273, 156, 642		AP46.00-P-4611EW
□ Windshield washer system		AP82.35-P-8210EW
Function check		
Parking brake (function test only)		
i Reminder: Reset maintenance service		AP00.20-P-0042EW
indicator in instrument cluster		
High Mileage Recommended Service Work at 160,000 miles or 16 years; then every 20	,000 miles or 2 years Not OK	
(check if performed)	\downarrow	
Replace wiper blades		
Electrical system checks		
Horn, high beam flasher, hazard warning flasher, turn signals		
Warning/indicator lamps, illumination and interior lighting/exterior lighting		AP54.30-P-5452C
Check trunk/cargo area lighting		
Check and correct headlamp setting		AP82.10-P-8260EW
☐ Battery (main/starter/auxiliary) check condition using "Midtronics MCR 717" tester. Attach Midtronics MCR 717 Test		AP54.10-U-5453A
Report print out here		

Visual and functional checks		
Check seat belts and buckles for signs of		AP91.40-P-9150EW
external damage and proper function		
Check windshield washer and headlamp		AP82.30-P-8252EW
cleaning system		
Check, clean, and lubricate tilt/sliding roof mechanism (where applicable)		
Check, clean, and lubricate panoramic		AP77.20-P-7732EW
roof mechanism (where applicable)		
Check bodywork for paintwork damage Tire checks		AP98.00-P-9850EW
Tire rotation (where applicable)		
Inspect tires for damage, measure thread depth and enter in mm:		AP40.10-P-4051EW
LF RF LR RR		
outside		
center		
Check TIREFIT tire sealant expiration		AP40.10-P-4054EW
date (where applicable)		
Activate Tire Pressure Monitoring		
System; Refer to vehicle Operator's Manual		
Chassis checks		
☐ Visually check brake system components, lines, hoses, calipers		
Check thickness of brake pads and discs,		
front and rear wheels removed		
Pads	П	AP42.10-P-4253A
Discs		AP42.10-P-4258EW
Check chassis and load-bearing body		AP00.20-P-0090EW
components for damage and corrosion		AF00.20-F-0090EW
High Mileage Required Service Work at 170,000 miles or 17 years; then every 20,000 miles or 2 years		
i Plus any applicable additional work listed at the end of this service sheet		
⊠ Performed	Not OK	
(check if performed)	Ļ	
Reset maintenance service indicator in		AP00.20-P-0042EW
instrument cluster		
Engine - oil and filter change		
Engine 272, 273		AP18.00-P-0101EW
Engine 156		AP18.00-P-0101CMG
Engine 642		AP18.00-P-0101EWO
Check catch, safety catch and hinges on engine hood for proper operation		AP88.40-P-8851EW
□ Fill up AdBlue® (Engine 642)		AP14.40-P-1410BT
Clean water deflector		AP82.35-P-8232A
Check thickness of brake pads, front and		AP42.10-P-4253A
rear		, <u>42.101-42</u> 00A
Correct tire inflation pressure and enter in		
bar or psi:		
LF RF LR RR bar/psi:		

Check inflation pressure in spare tire		
(if applicable) and enter in bar or psi:		
bar/psi:		
Check the following fluid levels, correct if		
necessary		
Check coolant level		AH20.00-P-1142-01
Brake system		AP42.10-P-4210EW
 Power steering The fluid level must always be on the maximum mark, corresponding to the oil temperature. 		
Engine 272, 273, 156, 642		AP46.00-P-4611EW
Windshield washer system		AP82.35-P-8210EW
i Reminder: Reset maintenance service indicator in instrument cluster		AP00.20-P-0042EW
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20	0,000 miles or 2 years Not OK	
(check if performed)	↓	
Replace wiper blades		
Electrical system checks		
Horn, high beam flasher, hazard		
warning flasher, turn signals		
Warning/indicator lamps, illumination and interior lighting/exterior lighting		AP54.30-P-5452C
Check trunk/cargo area lighting		
 Battery (main/starter/auxiliary) check condition using "Midtronics MCR 717" tester. Attach Midtronics MCR 717 Test Report print out here 		AP54.10-U-5453A
Visual and functional checks		
Check windshield washer and headlamp cleaning system		AP82.30-P-8252EW
Tire checks		
Tire rotation (where applicable)		
Inspect tires for damage, measure thread depth and enter in mm: LF RF LR RR outside		AP40.10-P-4051EW
Check TIREFIT tire sealant expiration date (where applicable)		AP40.10-P-4054EW
Activate Tire Pressure Monitoring System; Refer to vehicle Operator's Manual		
Chassis checks		
Visually check brake system components, lines, hoses, calipers		
Check thickness of brake pads and discs, front and rear wheels removed		
Pads		AP42.10-P-4253A

High Mileage Additional Work Performed (check if performed)		
☐ 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
Replace fuel filter		
Engine 272, 273, 156	If more than 150,000 mi or 15 years since last replacement	AP47.20-P-0780EW
Replace coolant I 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
Automatic transmission - oil and filter change	If more than 40,000 mi or 4 years since last replacement	AP27.00-P-2702W
🗌 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-0980CWX
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