

Mercedes-Benz

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

Model Year 2009

USA

Model 211



Customer:			Repair order num	ber:	
Tire Rotation (non-staggered width wheel setup only)	A 5,000-mile recomme interval will likely nece at least once in betwee maintenance service a mile maintenance serv	essitate tire rotation en each 10,000-mile nd at every 10,000-	Tires rotated	YES	NO
i Note: For any condition f and perform the repair using		he checks or inspections	included in this mai	intenance sheet, de	etermine the cause
Current mileage reading:			Oil grade/viscosit	y:	
Additional notes:					
Service work to be performed service advisor:	d as advised by	Completion date:	Confirm wor below:	rk has been perforn	ned by signing

Required Service Work miles (thousands) Performed years (check if performed)	2	10 1	20 2	30	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-0042TA
Rear axle differential fluid replacement (only E 63 AMG with AMG performance package)	•				•				•				•					
☐ Engine - oil and filter change																		
Engine 272, 273		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP18.00-P-0101TS
Engine 156		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP18.00-P-0101TMG
Engine 642		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP18.00-P-0101TI
☐ Check catch, safety catch and hinges on engine hood for proper operation		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP88.40-P-8851T
☐ Check condition of poly-V-belt																		
Engine 272, 273, 156			•		•		•		•		•		•		•			AP13.22-P-1352TS
Engine 642			•		•		•		•		•		•		•			AP13.22-P-1352TI
Replace fuel filter																		
Engine 272, 273,156																•		AP47.20-P-0780TC
Engine 642			•		•		•		•		•		•		•			AP47.20-P-0780TI
☐ Replace coolant																		
Engine 272. 273																•		AP20.00-P-2080DA
Engine 156																•		AP20.00-P-2080TMG
Engine 642																•		AP20.00-P-2080BA
Replace brake fluid			•		•		•		•		•		•		•			AP42.00-P-4280T
Check the following fluid levels, correct if necessary																		
☐ Check coolant level		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AH20.00-P-1142-01V
☐ Brake system		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP42.10-P-4210Z
Power steering i The fluid level must always be on the maximum mark, corresponding to the oil temperature.																		
Engine 272, 273, 156		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP46.00-P-4611BB
Engine 642		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP46.00-P-4611P
☐ Windshield washer system		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP82.35-P-8210N
Function check																		
☐ Parking brake (function test only)			•		•		•		•		•		•		•			
Replace combination filter			•		•		•		•		•		•		•			AP83.00-P-8384T
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:		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
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	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	140 14	150 15		
☐ 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-0053BA
☐ Visually inspect condition of front axle ball joints, rubber boots			•		•		•		•		•		•		•			
☐ Visually inspect condition of driveshaft flexible discs			•		•		•		•		•		•		•			AP41.10-P-4152Z
☐ Visually inspect condition of steering mechanical components, rubber boots			•		•		•		•		•		•		•			
☐ Automatic transmission - oil and filter change					•				•				•					AP27.00-P-2702W
☐ Transfer case - oil change (4MATIC models)					•													AP28.00-P-2801P
☐ Replace air filter																		
Engine 272, 273					•				•				•					AP09.10-P-0980TS
Engine 156					•				•				•					AP09.10-P-0980TMG
Engine 642					•				•				•					AP09.10-P-0980TI
☐ Replace spark plugs																		
Engine 272, 273									•									AP15.10-P-1580TS
Engine 156									•									AP15.10-P-1580TMG
i Reminder: Reset maintenance service indicator in instrument cluster		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP00.20-P-0042TA
Recommended Service Work Performed (check if performed)																	Not OK ↓	
Check the following fluid levels, correct if necessary																		
☐ Main or starter battery		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP54.10-P-5410A
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-8260T
☐ 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-9150M
miles (thousands) years	2	10 1	20 2		40 4	50 5	60 6	70 7	80 8		100 10	110 11	120 12	130 13	140 14	150 15		

miles (thousands) years	2	10 1	20 2	30 3		50 5		70 7		90 9	100 10		120 12	130 13	140 14	150 15		
Check windshield washer and headlamp cleaning system		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP82.30-P-8252A
☐ Check, clean, and lubricate tilt/sliding roof mechanism (where applicable)			•		•		•		•		•		•		•			AP77.20-P-7731A
☐ Check, clean, and lubricate panoramic roof mechanism (where applicable)			•		•		•		•		•		•		•			AP77.20-P-7732PB
☐ Check bodywork for paintwork damage			•		•		•		•		•		•		•			AP98.00-P-9850BA
Tire checks																		
☐ Tire rotation (where applicable)		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
☐ Inspect tires for damage, measure thread depth and enter in mm: LF RF LR RR outside center inside		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP40.10-P-4051Z
☐ Check TIREFIT tire sealant expiration date (where applicable)		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP40.10-P-4054R
☐ 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
Discs		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP42.10-P-4258R
☐ Check chassis and load-bearing body components for damage and corrosion			•		•		•		•		•		•		•			AP00.20-P-0090SX
Replace wiper blades		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
miles (thousands)	2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150		
years		1		3			_			9	10	<u> </u>	12	13	14			
High Mileage Required Service Work at 10 Plus any applicable additional work listed at										eve	ery 2	0,00	0 mi	les o	r 2 y	ears		
✓ Performed	uie	en	u o		15 5	erv	ice :	SITE	eı								Not OK	
(check if performed)																	\downarrow	
Reset maintenance service indicator in instrument cluster																		AP00.20-P-0042TA
☐ Engine - oil and filter change																		
Engine 272, 273																		AP18.00-P-0101TS
Engine 156																		AP18.00-P-0101TMG
Engine 642																		AP18.00-P-0101TI
Check catch, safety catch and hinges on engine hood for proper operation																		AP88.40-P-8851T
☐ Check condition of poly-V-belt																		
Engine 272, 273, 156																		AP13.22-P-1352TS
Engine 642																		AP13.22-P-1352TI
Replace fuel filter																		
Engine 642																		AP47.20-P-0780TI
Replace brake fluid																		AP42.00-P-4280T

Check the following fluid levels, correct if		
necessary		
Check coolant level		AH20.00-P-1142-01V
☐ Brake system		AP42.10-P-4210Z
Power steering		
i The fluid level must always be on the		
maximum mark, corresponding to the oil temperature.		
		AP46.00-P-4611BB
Engine 272, 273, 156		
Engine 642		AP46.00-P-4611P
☐ Windshield washer system		AP82.35-P-8210N
Function check		
Parking brake (function test only)		
Replace combination filter		AP83.00-P-8384T
☐ Check thickness of brake pads, front and		AP42.10-P-4253A
rear		
Correct tire inflation pressure and enter in		
bar or psi:		
LF RF LR RR		
bar/psi:		
(if applicable) and enter in bar or psi:	ш	
bar/psi:		
Leakage - Major components		AP00.20-P-0053BA
Check underbody and engine compartment	_	
for chafe marks, line routing, damaged		
components.		
☐ Visually inspect condition of front axle ball		
joints, rubber boots		
☐ Visually inspect condition of driveshaft flexible discs		AP41.10-P-4152Z
☐ Visually inspect condition of steering		
mechanical components, rubber boots		
i Reminder: Reset maintenance service		AP00.20-P-0042TA
indicator in instrument cluster		
High Mileage Recommended Service Work at 160,000 miles or 16 years; then every 20,000 miles or 2	years	
☑ Performed	Not OK	
(check if performed)	1	
Check the following fluid levels, correct if		
necessary		A DE 4 40 D E 440 A
Main or starter battery		AP54.10-P-5410A
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-8260T
☐ Battery (main/starter/auxiliary) check		AP54.10-U-5453A
condition using "Midtronics MCR 717"		
tester. Attach Midtronics MCR 717 Test		
Report print out here		

Visual and functional checks		
☐ Check seat belts and buckles for signs of external damage and proper function		AP91.40-P-9150M
☐ Check windshield washer and headlamp cleaning system		AP82.30-P-8252A
☐ Check, clean, and lubricate tilt/sliding roof mechanism (where applicable)		AP77.20-P-7731A
☐ Check, clean, and lubricate panoramic roof mechanism (where applicable)		AP77.20-P-7732PB
☐ Check bodywork for paintwork damage		AP98.00-P-9850BA
Tire checks		
☐ Tire rotation (where applicable)		
☐ Inspect tires for damage, measure thread depth and enter in mm: LF RF LR RR outside center inside		AP40.10-P-4051Z
☐ Check TIREFIT tire sealant expiration date (where applicable)		AP40.10-P-4054R
☐ 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
Discs		AP42.10-P-4258R
☐ Check chassis and load-bearing body components for damage and corrosion		AP00.20-P-0090SX
Replace wiper blades		
High Mileage Required Service Work at 170,000 miles or 17 years; then every 20,000 miles or 2 years		
☐ Plus any applicable additional work listed at the end of this service sheet ☐ Performed	Not OK	
(check if performed)	₩	
Reset maintenance service indicator in instrument cluster		AP00.20-P-0042TA
☐ Engine - oil and filter change		
Engine 272, 273		AP18.00-P-0101TS
Engine 156		AP18.00-P-0101TMG
Engine 642		AP18.00-P-0101TI
☐ Check catch, safety catch and hinges on		AP88.40-P-8851T
engine hood for proper operation		7.1.00.101.00311
Check the following fluid levels, correct if necessary		
☐ Check coolant level		AH20.00-P-1142-01V
☐ Brake system		AP42.10-P-4210Z

Power steering i The fluid level must always be on the maximum mark, corresponding to the oil temperature.		
Engine 272, 273, 156		AP46.00-P-4611BB
Engine 642		AP46.00-P-4611P
☐ Windshield washer system		AP82.35-P-8210N
☐ 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:		
Reminder: Reset maintenance service indicator in instrument cluster		AP00.20-P-0042TA
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles		
☑ Performed (check if performed)	Not OK ↓	
Check the following fluid levels, correct if necessary		
☐ Main or starter battery		AP54.10-P-5410A
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-8252A
Tire checks		
☐ Tire rotation (where applicable)		
☐ Inspect tires for damage, measure thread depth and enter in mm: LF RF LR RR outside center inside		AP40.10-P-4051Z
☐ Check TIREFIT tire sealant expiration date (where applicable)		AP40.10-P-4054R
☐ 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
Discs		AP42.10-P-4258R
☐ Replace wiper blades		
High Mileage Additional Work ☑ Performed (check if performed)		
☐ Replace fuel filter		
Engine 272, 273,156	If more than 150,000 mi or 15 years since last replacement	AP47.20-P-0780TC
☐ Replace coolant		
Engine 272. 273	If more than 150,000 mi or 15 years since last replacement	AP20.00-P-2080DA
Engine 156	If more than 150,000 mi or 15 years since last replacement	AP20.00-P-2080TMG
Engine 642	If more than 150,000 mi or 15 years since last replacement	AP20.00-P-2080BA
☐ Automatic transmission - oil and filter change	If more than 40,000 mi or 4 years since last replacement	AP27.00-P-2702W
Rear axle differential fluid replacement (only E 63 AMG with AMG performance package)	If more than 40,000 mi or 4 years since last replacement	
☐ Replace air filter		
Engine 272, 273	If more than 40,000 mi or 4 years since last replacement	AP09.10-P-0980TS
Engine 156	If more than 40,000 mi or 4 years since last replacement	AP09.10-P-0980TMG
Engine 642	If more than 40,000 mi or 4 years since last replacement	 AP09.10-P-0980TI
☐ Replace spark plugs		
Engine 272, 273	If more than 80,000 mi or 8 years since last replacement	AP15.10-P-1580TS
Engine 156	If more than 80,000 mi or 8 years since last replacement	AP15.10-P-1580TMG