



Mercedes-Benz

AP00.20-U-1208DE

SERVICE SHEET for Mercedes-Benz Maintenance System (USA)

Model Year 2009

USA

Model 211



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	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 checked="" type="checkbox"/> Performed (check if performed)																		
<input type="checkbox"/> Reset maintenance service indicator in instrument cluster		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	AP00.20-P-0042TA
<input type="checkbox"/> Engine - oil and filter change																		
engine 156		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	AP18.00-P-0101TMG
engine 272		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	AP18.00-P-0101PIT
engine 273		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	AP18.00-P-0101SX
engine 642		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	AP18.00-P-0101PI
<input type="checkbox"/> Check catch, safety catch and hinges on engine hood for proper operation		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP88.40-P-8851T
<input type="checkbox"/> Check condition of poly-V-belt																		
engine 156, 272, 273		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP13.22-P-1352TS
engine 642		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP13.22-P-1352TI
<input type="checkbox"/> Replace brake fluid		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	AP42.00-P-4280T
<input type="checkbox"/> Replace combination filter		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	AP83.00-P-8384T
<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 including spare (where applicable) and enter in the table at the end of the service sheet		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	AP40.15-P-4061B
<input type="checkbox"/> Leakage - major components - check underbody and engine compartment for chafe marks, line routing, damaged components		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP00.20-P-0053BA
<input type="checkbox"/> Visually inspect condition of front axle ball joints, rubber boots		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP33.20-P-3353BA
<input type="checkbox"/> Visually inspect condition of driveshaft flexible discs		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP41.10-P-4152Z
<input type="checkbox"/> Visually inspect condition of steering mechanical components, rubber boots		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP46.00-P-4653F
<input type="checkbox"/> Coolant - check fluid level and correct if necessary		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/>
<i>● refer to AH20.00-P-1142-01V (except engine 642)</i>																		
<i>● refer to AH20.00-P-1142-01TI (engine 642)</i>																		
<i>● observe correct coolant composition</i>																		
<input type="checkbox"/> Brake system - check fluid level and correct if necessary		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP42.10-P-4210Z
<input type="checkbox"/> Power steering - check fluid level and correct if necessary		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP46.00-P-4612T
<i>● the fluid level must always be on the maximum mark, corresponding to the oil temperature</i>																		
<input type="checkbox"/> Windshield washer system - check fluid level and correct if necessary		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP82.35-P-8210N
<input type="checkbox"/> Parking brake (function test only)		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP42.00-P-4290BA
<input type="checkbox"/> Reset maintenance service indicator in instrument cluster		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	AP00.20-P-0042TA
<i>● reminder - if not yet performed</i>																		
Required Additional Work	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"/> Rear axle differential fluid replacement CODE 471 (manual locking differential)		●			●				●				●					
<input type="checkbox"/> Transfer case - oil change 4MATIC models					●													AP28.00-P-2801P
<input type="checkbox"/> Replace air filter						●				●			●					AP09.10-P-0980TMG
engine 156																		

Required Additional Work miles (thousands)	2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	Not OK
<input checked="" type="checkbox"/> Performed years	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
engine 272, 273					●			●			●						AP09.10-P-0980TS
engine 642				●				●			●						AP09.10-P-0980TI
<input type="checkbox"/> Automatic transmission - oil and filter change																	AP27.00-P-2702I
transmission 722.6					●			●				●					AP27.00-P-2702W
transmission 722.9					●			●				●					
<input type="checkbox"/> Replace spark plugs except engine 642																	AP15.10-P-1580TMG
engine 156								●									AP15.10-P-1580TS
engine 272, 273								●									
<input type="checkbox"/> Replace fuel filter															●		AP47.20-P-0780TC
<input type="checkbox"/> Replace coolant																	AP20.00-P-2080TMG
engine 156																●	AP20.00-P-2080DA
engine 272, 273																●	AP20.00-P-2080BA
engine 642																●	
Recommended Service Work miles (thousands)	2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	Not OK
<input checked="" type="checkbox"/> Performed years	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
<input type="checkbox"/> Main/starter battery - Check fluid level and correct if necessary	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP54.10-P-5410A
<input type="checkbox"/> Horn - Electrical system check	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/>
<input type="checkbox"/> Warning/indicator lamps - Electrical system check	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP54.30-P-5451T
<input type="checkbox"/> Illumination and interior lighting - Electrical system check	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP54.30-P-5453T
<input type="checkbox"/> Exterior lighting, high beam flasher, hazard warning flasher, turn signals - Electrical system check	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP82.10-P-8252EW
<input type="checkbox"/> Check trunk/cargo area lighting	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/>
<input type="checkbox"/> Check and correct headlamp setting		●		●	●	●	●	●	●	●	●	●	●	●	●	●	AP82.10-P-8260T
<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
<input type="checkbox"/> Check seat belts and buckles for signs of external damage and proper function		●		●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP91.40-P-9150M
<input type="checkbox"/> Check windshield washer and headlamp cleaning system	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP82.30-P-8252A
<input type="checkbox"/> Check, clean, and lubricate tilt/sliding roof mechanism with CODE 414 (Electric sunroof, glass version)		●		●		●	●	●	●	●	●	●	●	●	●	●	AP77.20-P-7731A
<input type="checkbox"/> Check, clean, and lubricate panoramic roof mechanism with CODE 413 (Panoramic glass roof with top sliding roof)		●		●	●	●	●	●	●	●	●	●	●	●	●	●	AP77.20-P-7732PB
<input type="checkbox"/> Check bodywork for paintwork damage		●		●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP98.00-P-9850BA
<input type="checkbox"/> Tire rotation where applicable	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
<input type="checkbox"/> Inspect tires for damage, measure thread depth and enter table at the end of the service sheet	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<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	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

Recommended Service Work	miles (thousands)	2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	Not OK ↓
Work	years	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
<input checked="" type="checkbox"/> Performed (check if performed)																		
<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		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	<input type="checkbox"/> AP42.10-P-4258R	
<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 160,000 miles or 16 years; then every 20,000 miles or 2 years																		
<input type="checkbox"/> Plus any applicable additional work listed at the end of the 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-0042TA	
<input type="checkbox"/> Engine - oil and filter change																		
engine 156																	AP18.00-P-0101TMG	
engine 272																	AP18.00-P-0101PIT	
engine 273																	AP18.00-P-0101SX	
engine 642																	AP18.00-P-0101PI	
<input type="checkbox"/> Check catch, safety catch and hinges on engine hood for proper operation																	<input type="checkbox"/> AP88.40-P-8851T	
<input type="checkbox"/> Check condition of poly-V-belt																		
engine 156, 272, 273																	<input type="checkbox"/> AP13.22-P-1352TS	
engine 642																	<input type="checkbox"/> AP13.22-P-1352TI	
<input type="checkbox"/> Replace brake fluid																	AP42.00-P-4280T	
<input type="checkbox"/> Replace combination filter																	AP83.00-P-8384T	
<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 including spare (where applicable) and enter in the table at the end of the service sheet																	AP40.15-P-4061B	
<input type="checkbox"/> Leakage - major components - check underbody and engine compartment for chafe marks, line routing, damaged components																	<input type="checkbox"/> AP00.20-P-0053BA	
<input type="checkbox"/> Visually inspect condition of front axle ball joints, rubber boots																	<input type="checkbox"/> AP33.20-P-3353BA	
<input type="checkbox"/> Visually inspect condition of driveshaft flexible discs																	<input type="checkbox"/> AP41.10-P-4152Z	
<input type="checkbox"/> Visually inspect condition of steering mechanical components, rubber boots																	<input type="checkbox"/> AP46.00-P-4653F	
<input type="checkbox"/> Coolant - check fluid level and correct if necessary																	<input type="checkbox"/>	
<i> <input type="checkbox"/> refer to AH20.00-P-1142-01V (except engine 642)</i>																		
<i> <input type="checkbox"/> refer to AH20.00-P-1142-01TI (engine 642)</i>																		
<i> <input type="checkbox"/> observe correct coolant composition</i>																		
<input type="checkbox"/> Brake system - check fluid level and correct if necessary																	<input type="checkbox"/> AP42.10-P-4210Z	
<input type="checkbox"/> Power steering - check fluid level and correct if necessary																	<input type="checkbox"/> AP46.00-P-4612T	
<i> <input type="checkbox"/> the fluid level must always be on the maximum mark, corresponding to the oil temperature</i>																		
<input type="checkbox"/> Windshield washer system - check fluid level and correct if necessary																	<input type="checkbox"/> AP82.35-P-8210N	
<input type="checkbox"/> Parking brake (function test only)																	<input type="checkbox"/> AP42.00-P-4290BA	

<input type="checkbox"/> Reset maintenance service indicator in instrument cluster Reminder - if not yet performed	AP00.20-P-0042TA
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High Mileage Recommended Service Work at 160,000 miles or 16 years; then every 20,000 miles or 2 years

Plus any applicable additional work listed at the end of the service sheet	
<input checked="" type="checkbox"/> Performed (check if performed)	Not OK ↓
<input type="checkbox"/> Main/starter battery - Check fluid level and correct if necessary	<input type="checkbox"/> AP54.10-P-5410A
<input type="checkbox"/> Horn - Electrical system check	<input type="checkbox"/>
<input type="checkbox"/> Warning/indicator lamps - Electrical system check	<input type="checkbox"/> AP54.30-P-5451T
<input type="checkbox"/> Illumination and interior lighting - Electrical system check	<input type="checkbox"/> AP54.30-P-5453T
<input type="checkbox"/> Exterior lighting, high beam flasher, hazard warning flasher, turn signals - Electrical system check	<input type="checkbox"/> AP82.10-P-8252EW
<input type="checkbox"/> Check trunk/cargo area lighting	<input type="checkbox"/>
<input type="checkbox"/> Check and correct headlamp setting	AP82.10-P-8260T
<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
<input type="checkbox"/> Check seat belts and buckles for signs of external damage and proper function	<input type="checkbox"/> AP91.40-P-9150M
<input type="checkbox"/> Check windshield washer and headlamp cleaning system	<input type="checkbox"/> AP82.30-P-8252A
<input type="checkbox"/> Check, clean, and lubricate tilt/sliding roof mechanism with CODE 414 (Electric sunroof, glass version)	AP77.20-P-7731A
<input type="checkbox"/> Check, clean, and lubricate panoramic roof mechanism with CODE 413 (Panoramic glass roof with top sliding roof)	AP77.20-P-7732PB
<input type="checkbox"/> Check bodywork for paintwork damage	<input type="checkbox"/> AP98.00-P-9850BA
<input type="checkbox"/> Tire rotation where applicable	
<input type="checkbox"/> Inspect tires for damage, measure thread depth and enter table at the end of the service sheet	<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	
<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-4258R
<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

Plus any applicable additional work listed at the end of the 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-0042TA
<input type="checkbox"/> Engine - oil and filter change engine 156 engine 272 engine 273 engine 642	AP18.00-P-0101TMG AP18.00-P-0101PIT AP18.00-P-0101SX AP18.00-P-0101PI
<input type="checkbox"/> Check catch, safety catch and hinges on engine hood for proper operation	<input type="checkbox"/> AP88.40-P-8851T
<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 including spare (where applicable) and enter in the table at the end of the service sheet	AP40.15-P-4061B

<input type="checkbox"/> Coolant - check fluid level and correct if necessary	<input type="checkbox"/>	
<input type="checkbox"/> refer to AH20.00-P-1142-01V (except engine 642)		
<input type="checkbox"/> refer to AH20.00-P-1142-01TI (engine 642)		
<input type="checkbox"/> observe correct coolant composition		
<input type="checkbox"/> Brake system - check fluid level and correct if necessary	<input type="checkbox"/> AP42.10-P-4210Z	
<input type="checkbox"/> Power steering - check fluid level and correct if necessary	<input type="checkbox"/> AP46.00-P-4612T	
<input type="checkbox"/> the fluid level must always be on the maximum mark, corresponding to the oil temperature		
<input type="checkbox"/> Windshield washer system - check fluid level and correct if necessary	<input type="checkbox"/> AP82.35-P-8210N	
<input type="checkbox"/> Reset maintenance service indicator in instrument cluster	AP00.20-P-0042TA	
<input type="checkbox"/> reminder - if not yet performed		
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles or 2 years		
<input type="checkbox"/> Plus any applicable additional work listed at the end of the service sheet		
<input checked="" type="checkbox"/> Performed (check if performed)	Not OK	
<input type="checkbox"/> Main/starter battery - Check fluid level and correct if necessary	<input type="checkbox"/> AP54.10-P-5410A	
<input type="checkbox"/> Horn - Electrical system check	<input type="checkbox"/>	
<input type="checkbox"/> Warning/indicator lamps - Electrical system check	<input type="checkbox"/> AP54.30-P-5451T	
<input type="checkbox"/> Illumination and interior lighting - Electrical system check	<input type="checkbox"/> AP54.30-P-5453T	
<input type="checkbox"/> Exterior lighting, high beam flasher, hazard warning flasher, turn signals - Electrical system check	<input type="checkbox"/> AP82.10-P-8252EW	
<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	
<input type="checkbox"/> Check windshield washer and headlamp cleaning system	<input type="checkbox"/> AP82.30-P-8252A	
<input type="checkbox"/> Tire rotation where applicable		
<input type="checkbox"/> Inspect tires for damage, measure thread depth and enter table at the end of the service sheet	<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 <input type="checkbox"/> refer to vehicle Operator's Manual		
<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-4258R	
<input type="checkbox"/> Replace wiper blades		
High Mileage Additional Work		
<input checked="" type="checkbox"/> Performed (check if performed)		
<input type="checkbox"/> Rear axle differential fluid replacement CODE 471 (manual locking differential)	At 2,000 miles, then if more than 40,000 mi or 4years since last replacement	
<input type="checkbox"/> Transfer case - oil change 4MATIC models	Once at 40,000 mi or 4 years	AP28.00-P-2801P
<input type="checkbox"/> Replace air filter engine 156 engine 272, 273 engine 642	If more than 40,000 mi or 4 years since last replacement If more than 40,000 mi or 4 years since last replacement If more than 40,000 mi or 4 years since last replacement	AP09.10-P-0980TMG AP09.10-P-0980TS AP09.10-P-0980TI
<input type="checkbox"/> Automatic transmission - oil and filter change transmission 722.6 transmission 722.9	If more than 40,000 mi or 4 years since last replacement If more than 40,000 mi or 4 years since last replacement	AP27.00-P-2702I AP27.00-P-2702W
<input type="checkbox"/> Replace spark plugs except engine 642 engine 156	If more than 80,000 mi or 8 years since last replacement	AP15.10-P-1580TMG

engine 272, 273	If more than 80,000 mi or 8 years since last replacement	AP15.10-P-1580TS
<input type="checkbox"/> Replace fuel filter	If more than 150,000 mi or 15 years since last replacement	AP47.20-P-0780TC
<input type="checkbox"/> Replace coolant		
<i>!</i> observe correct coolant composition		
engine 156	If more than 150,000 mi or 15 years since last replacement	AP20.00-P-2080TMG
engine 272, 273	If more than 150,000 mi or 15 years since last replacement	AP20.00-P-2080DA
engine 642	If more than 150,000 mi or 15 years since last replacement	AP20.00-P-2080BA

Tire inflation pressure (bar/psi)				
LF	RF	LR	RR	Spare

Tire thread depth (mm)				
	LF	RF	LR	RR
outside				
center				
inside				