

## Mercedes-Benz

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

## Model Year 2012

USA

## Model 212 🚳



Customer:		Re	epair order numbe	er:	
Tire Rotation (non-staggered width wheel setup only)	A 5,000-mile recommended interval will likely necessita at least once in between earmaintenance service and at mile maintenance service.	ate tire rotation ach 10,000-mile	res rotated	YES	NO
i Note: For any condition fo and perform the repair using a		necks or inspections incl	uded in this main	tenance sheet, det	ermine the cause
Current mileage reading:		Oi	grade/viscosity:		
Additional notes:					
Service work to be performed service advisor:	as advised by	Completion date:	Confirm work below:	has been perform	ed by signing

Required Service Work miles (thousands)  ☑ Performed years (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 Code (471) Manual locking differential only	•				•				•				•					AP35.00-P-3501CMG
☐ Engine - oil and filter change																		
Engine 276, 278, 157		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP18.00-P-0101EW
Engine 642		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP18.00-P-0101EWO
☐ Check catch, safety catch and hinges on engine hood for proper operation		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP88.40-P-8851EW
☐ Fill up DEF (Engine 642)		•		•		•		•		•		•		•		•		AP14.40-P-1410BT
☐ DEF evacuate and fill up (Engine 642)			•		•		•		•		•		•		•			AP14.40-P-1410BT
☐ Check condition of poly-V-belt																		
Engine 276. 278, 157, 642			•		•		•		•		•		•		•			AP13.22-P-1352EW
☐ Clean water deflector		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP82.35-P-8232A
☐ Replace fuel filter																		
Engine 276, 278, 157																•		AP47.20-P-0780EW
Engine 642			•		•		•		•		•		•		•			AP47.20-P-0780EWO
Replace coolant  i Observe correct coolant composition																		
Engine 276, 278, 157, 642																•		AP20.00-P-2080EW
☐ Replace brake fluid			•		•		•		•		•		•		•			AP42.00-P-4280EW
☐ 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 DEF 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	30 3	40 4	50 5				90 9		110 11		130 13		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	Not OK ↓	
☐ Visually inspect condition of steering mechanical components, rubber boots			•		•		•		•		•		•		•			AP46.00-P-4653EW
Automatic transmission - oil and filter change  Transmission 722.9 Engine 157 with NAG2-V Sport and wet start-up clutch and					•				•				•					AP27.00-P-2702W
Engine 642 with NAG2  Transmission 722.9  Engine 276, 278 with NAG2-FE+								•							•			AP27.00-P-2702W
☐ Replace air filter																		
Engine 276, 278, 157					•				•				•					AP09.10-P-0980MM
Engine 642					•				•				•					AP09.10-P-0980CWX
☐ Replace spark plugs																		
Engine 276, 278, 157							•						•					AP15.10-P-1580EW
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 276, 278, 157, 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 combination or dust filter		•		•		•		•		•		•		•		•		AP83.00-P-8384EW
☐ 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 battery tester.  Attach Midtronics test report print out here		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP54.10-U-5453A
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	Not OK ↓	
Visual and functional checks																	<u> </u>	
☐ Check seat belts and buckles for signs of external damage and proper function			•		•		•		•		•		•		•			AP91.40-P-9150EW
☐ 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)		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
☐ Inspect tires for damage, measure thread depth and enter in mm:  LF RF LR RR  outside  center  inside		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		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
Discs except Code (B07) ceramic brake system		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP42.10-P-4258EW
with Code (B07) ceramic brake system		•	•	•	•	•	•	•	•	•	•			•		•		AP42.10-P-4258QQ
☐ Check chassis and load-bearing body components for damage and corrosion			•		•		•		•		•		•		•			AP00.20-P-0090EW
miles (thousands) years	2	10 1		30 3	40 4	50 5	60 6	70 7	80 8	90 9	100 10	110 11	120 12	130 13	140 14			
High Mileage Required Service Work at 16  i Plus any applicable additional work listed at  Performed (check if performed)										eve	ery 20	0,000	0 mil	es o	r 2 y	ears	Not OK ↓	
Reset maintenance service indicator in instrument cluster																		AP00.20-P-0042EW
☐ Engine - oil and filter change																		
Engine 276, 278, 157																		AP18.00-P-0101EW
Engine 642																		AP18.00-P-0101EWO
Check catch, safety catch and hinges on engine hood for proper operation																		AP88.40-P-8851EW

☐ DEF evacuate and fill up (Engine 642)		AP14.40-P-1410BT
☐ Check condition of poly-V-belt		
Engine 276. 278, 157, 642		AP13.22-P-1352EW
☐ Clean water deflector		AP82.35-P-8232A
Replace fuel filter		
Engine 642		AP47.20-P-0780EWO
☐ Replace brake fluid		AP42.00-P-4280EW
Replace combination or dust filter		AP83.00-P-8384EW
☐ 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:		
Check inflation pressure in spare tire (if applicable) and enter in bar or psi:		
bar/psi:		
Leakage - Major components		AP00.20-P-0053EW
Check underbody and engine compartment	_	
for chafe marks, line routing, damaged		
components.		
Check DEF lines and components for leaks		AP00.20-P-0053EW
and damage (Engine 642)		
☐ Visually inspect condition of front axle ball		AP33.20-P-3353EW
joints, rubber boots		
☐ Visually inspect condition of driveshaft flexible discs		AP41.10-P-4152EW
☐ Visually inspect condition of steering	П	AP46.00-P-4653EW
mechanical components, rubber boots	Ц	AF40.00-F-4033EVV
Check the following fluid levels, correct if		
necessary		
☐ Check coolant level		AH20.00-P-1142-01V
☐ Brake system		AP42.10-P-4210EW
□ Power steering	<del>_</del> _	
i The fluid level must always be on the		
maximum mark, corresponding to the oil		
temperature.		
Engine 276, 278, 157, 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	s or 2 years	
⊠ Performed	Not OK	
(check if performed)	<b>↓</b>	
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		
		A DOO 40 D 02C0EVA/
Check and correct headlamp setting		AP82.10-P-8260EW
☐ Battery (Main/starter/auxiliary) check condition using Midtronics battery tester.		AP54.10-U-5453A
Attach Midtronics test 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		AP98.00-P-9850EW
Tire checks		
☐ Tire rotation (where applicable)		
☐ Inspect tires for damage, measure		AP40.10-P-4051EW
thread depth and enter in mm:  LF RF LR RR		
LF RF LR RR outside		
center		
inside		
☐ 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		AI 42.10 1 4255A
		AD42 40 D 42505\A/
except Code (B07) ceramic brake system	Ц	AP42.10-P-4258EW
with Code (B07) ceramic brake system	П	AP42.10-P-4258QQ
☐ Check chassis and load-bearing body		AP00.20-P-0090EW
components for damage and corrosion		A1 00.20 1 0030EVV
High Mileage Required Service Work at 170,000 miles or 17 years; then every 20,000 miles or 2 years		
1 Plus any applicable additional work listed at the end of this service sheet		
Performed	Not OK	
(check if performed)	<b>↓</b>	
Reset maintenance service indicator in instrument cluster		AP00.20-P-0042EW
☐ Engine - oil and filter change		
Engine 276, 278, 157		AP18.00-P-0101EW
Fngine 642		AP18.00-P-0101FWO

Check catch, safety catch and hinges on		AP88.40-P-8851EW
engine hood for proper operation		A D14 40 D 1410DT
Fill up DEF (Engine 642)  Clean water deflector		AP14.40-P-1410BT AP82.35-P-8232A
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:		
Check the following fluid levels, correct if		
necessary		
☐ Check coolant level		AH20.00-P-1142-01V
☐ Brake system		AP42.10-P-4210EW
☐ Power steering		
1 The fluid level must always be on the		
maximum mark, corresponding to the oil temperature.		
Engine 276, 278, 157, 642		AP46.00-P-4611EW
☐ Windshield washer system		AP82.35-P-8210EW
i Reminder: Reset maintenance service		AP00.20-P-0042EW
indicator in instrument cluster		
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles		
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles ☑ Performed	s or 2 years Not OK	
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles ☑ Performed (check if performed)		AD83 OO D 8384EW
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles   ☑ Performed (check if performed)  ☐ Replace combination or dust filter		AP83.00-P-8384EW
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles  ☑ Performed (check if performed)  ☐ Replace combination or dust filter  ☐ Replace wiper blades		AP83.00-P-8384EW
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles  ☑ Performed (check if performed)  ☐ Replace combination or dust filter  ☐ Replace wiper blades  Electrical system checks	Not OK ↓	AP83.00-P-8384EW
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles  ☑ Performed (check if performed)  ☐ Replace combination or dust filter  ☐ Replace wiper blades		AP83.00-P-8384EW
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles  ☑ Performed (check if performed)  ☐ Replace combination or dust filter  ☐ Replace wiper blades  Electrical system checks  ☐ Horn, high beam flasher, hazard	Not OK ↓	AP83.00-P-8384EW  AP54.30-P-5452C
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles  ☐ Performed (check if performed) ☐ Replace combination or dust filter ☐ Replace wiper blades  Electrical system checks ☐ Horn, high beam flasher, hazard warning flasher, turn signals	Not OK ↓	
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles  ☑ Performed (check if performed)  ☐ Replace combination or dust filter  ☐ Replace wiper blades  Electrical system checks  ☐ Horn, high beam flasher, hazard warning flasher, turn signals  ☐ Warning/indicator lamps, illumination	Not OK ↓	
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles  ☐ Performed (check if performed) ☐ Replace combination or dust filter ☐ Replace wiper blades  Electrical system checks ☐ Horn, high beam flasher, hazard warning flasher, turn signals ☐ Warning/indicator lamps, illumination and interior lighting/exterior lighting ☐ Check trunk/cargo area lighting ☐ Battery (Main/starter/auxiliary) check	Not OK	
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles  ☐ Performed (check if performed) ☐ Replace combination or dust filter ☐ Replace wiper blades  Electrical system checks ☐ Horn, high beam flasher, hazard warning flasher, turn signals ☐ Warning/indicator lamps, illumination and interior lighting/exterior lighting ☐ Check trunk/cargo area lighting ☐ Battery (Main/starter/auxiliary) check condition using Midtronics battery tester.	Not OK	AP54.30-P-5452C
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles  ☐ Performed (check if performed) ☐ Replace combination or dust filter ☐ Replace wiper blades  Electrical system checks ☐ Horn, high beam flasher, hazard warning flasher, turn signals ☐ Warning/indicator lamps, illumination and interior lighting/exterior lighting ☐ Check trunk/cargo area lighting ☐ Battery (Main/starter/auxiliary) check condition using Midtronics battery tester. Attach Midtronics test report print out here	Not OK	AP54.30-P-5452C
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles  Performed (check if performed)  Replace combination or dust filter  Replace wiper blades  Electrical system checks  Horn, high beam flasher, hazard warning flasher, turn signals  Warning/indicator lamps, illumination and interior lighting/exterior lighting  Check trunk/cargo area lighting  Battery (Main/starter/auxiliary) check condition using Midtronics battery tester. Attach Midtronics test report print out here  Visual and functional checks	Not OK	AP54.30-P-5452C AP54.10-U-5453A
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles  ☐ Performed (check if performed) ☐ Replace combination or dust filter ☐ Replace wiper blades  Electrical system checks ☐ Horn, high beam flasher, hazard warning flasher, turn signals ☐ Warning/indicator lamps, illumination and interior lighting/exterior lighting ☐ Check trunk/cargo area lighting ☐ Battery (Main/starter/auxiliary) check condition using Midtronics battery tester. Attach Midtronics test report print out here	Not OK	AP54.30-P-5452C
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles  Performed (check if performed)  Replace combination or dust filter  Replace wiper blades  Electrical system checks  Horn, high beam flasher, hazard warning flasher, turn signals  Warning/indicator lamps, illumination and interior lighting/exterior lighting  Check trunk/cargo area lighting  Battery (Main/starter/auxiliary) check condition using Midtronics battery tester. Attach Midtronics test report print out here  Visual and functional checks  Check windshield washer and headlamp	Not OK	AP54.30-P-5452C AP54.10-U-5453A
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles  ☐ Performed (check if performed) ☐ Replace combination or dust filter ☐ Replace wiper blades  Electrical system checks ☐ Horn, high beam flasher, hazard warning flasher, turn signals ☐ Warning/indicator lamps, illumination and interior lighting/exterior lighting ☐ Check trunk/cargo area lighting ☐ Battery (Main/starter/auxiliary) check condition using Midtronics battery tester. Attach Midtronics test report print out here  Visual and functional checks ☐ Check windshield washer and headlamp cleaning system	Not OK	AP54.30-P-5452C AP54.10-U-5453A
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles	Not OK	AP54.30-P-5452C AP54.10-U-5453A
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles	Not OK ↓	AP54.30-P-5452C  AP54.10-U-5453A  AP82.30-P-8252EW
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles	Not OK ↓	AP54.30-P-5452C  AP54.10-U-5453A  AP82.30-P-8252EW
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles	Not OK ↓	AP54.30-P-5452C  AP54.10-U-5453A  AP82.30-P-8252EW

☐ 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
Discs		
except Code (B07) ceramic brake system		AP42.10-P-4258EW
with Code (B07) ceramic brake system		AP42.10-P-4258QQ
High Mileage Additional Work  ☑ Performed (check if performed)		
☐ Rear axle differential fluid replacement Code (471) Manual locking differential only	If more than 40,000 mi or 4 years since last replacement	AP35.00-P-3501CMG
☐ Replace fuel filter		
Engine 276, 278, 157	If more than 150,000 mi or 15 years since last replacement	AP47.20-P-0780EW
Replace coolant  Observe correct coolant composition		
Engine 276, 278, 157, 642	If more than 150,000 mi or 15 years since last replacement	AP20.00-P-2080EW
☐ 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	If more than 40,000 mi or 4 years since last replacement	AP27.00-P-2702W
Transmission 722.9 Engine 276, 278 with NAG2-FE+	If more than 70,000 mi or 7 years since last replacement	AP27.00-P-2702W
☐ Replace air filter		
Engine 276, 278, 157	If more than 40,000 mi or 4 years since last replacement	AP09.10-P-0980MM
Engine 642	If more than 40,000 mi or 4 years since last replacement	 AP09.10-P-0980CWX
☐ Replace spark plugs		
Engine 276, 278, 157	If more than 60,000 mi or 6 years since last replacement	AP15.10-P-1580EW