

## Mercedes-Benz

AP00.20-U-1208DJ

SERVICE SHEET for Mercedes-Benz Maintenance System (USA)

## Model Year 2014

USA

## Model 212



Customer:		Rep	air order numb	er:	
Tire Rotation (non-staggered width wheel setup only)	A 5,000-mile recommended tire rotat interval will likely necessitate tire rot at least once in between each 10,000-maintenance service and at every 10, mile maintenance service.	ation mile	s rotated	YES	NO
i Note: For any condition fo and perform the repair using a	und while performing the checks or ins separate repair order.	pections includ	led in this main	tenance sheet, det	termine the cause
Current mileage reading:		Oil g	rade/viscosity:		
Additional notes:					
Service work to be performed service advisor:	as advised by Completion	n date:	Confirm work below:	has been perform	ed by signing

Required Service Work  ☑ Performed (check if performed)  miles (thousands) years	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-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 651		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP18.00-P-0101CWA
☐ Check catch, safety catch and hinges on engine hood for proper operation		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP88.40-P-8851EW
Fill up with DEF with code (U42) BlueTEC (SCR) diesel exhaust treatment.  i Fill, subject to a separate invoice		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP14.40-P-1410BT
☐ Check starter using STAR DIAGNOSIS tester E400 HYBRID only		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP15.30-P-1550AA
☐ Check condition of poly-V-belt																		
Engine 276. 278, 157, 651			•		•		•		•		•		•		•			AP13.22-P-1352EW
☐ Clean visible area of water deflector		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP82.35-P-8232A
☐ Replace fuel filter																		
Engine 276, 278, 157																•		AP47.20-P-0780EW
Engine 651					•				•				•					AP47.20-P-0780EWD
Replace coolant																		
Observe correct coolant composition																		4 D20 00 D 2000514/
Engine 276, 278, 157, 651													_		_	•		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		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Ш	AP42.10-P-4253A
Correct tire inflation pressure and enter in bar or psi:  LF RF LR RR  bar/psi:		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP40.15-P-4061A
☐ Correct inflation pressure in spare tire (if applicable) and enter in bar or psi: bar/psi:		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP40.15-P-4061A
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 with code (U42) BlueTEC (SCR) diesel exhaust treatment			•		•		•		•		•		•		•			AP00.20-P-0053EW
miles (thousands) years	2	10 1	20 2	30 3	40 4		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	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 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
☐ Automatic transmission - oil and filter change																		
Transmission 722.9																		
Engine 157 with NAG2-V Sport and wet start-up clutch					•				•				•					AP27.00-P-2702W
Engine 276 with NAG2-FE+ except for E400 HYBRID								•							•			AP27.00-P-2702W
Engine 278, 651 with NAG2-FE+								•							•			AP27.00-P-2702W
Transmission 724.2																		
Engine 276 in model E400 HYBRID							•						•					AP27.00-P-2702A
☐ Replace air filter																		
Engine 276, 278, 157					•				•				•					AP09.10-P-0980MM
Engine 651					•				•				•					AP09.10-P-0980EWD
☐ 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- 01CW
☐ Brake system		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP42.10-P-4210EW
☐ Windshield washer system		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP82.35-P-8210EW
Function check																		
☐ Parking brake (function test only)			•		•		•		•		•		•		•			
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-5451EW
☐ Check trunk/cargo area lighting		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
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)	2	10		30	40	50	60	70	80	90	100	110	120	130	140	150	Not OK	
years		1		3	4	5	6	7	8	9	10	11	12	13	14	15	<b>→</b>	
☐ 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
Visual and functional checks																		
☐ 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			40 4	50 5	60 6	70 7	80 8	90 9	100 10	110 11	120 12	130 13	140 14	150 15		
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 mi	les o	r 2 y	ears	Not OK ↓	
Reset maintenance service indicator in																		AP00.20-P-0042EW
instrument cluster																		
Engine - oil and filter change																		
Engine 276, 278, 157																		AP18.00-P-0101EW
Engine 651																		AP18.00-P-0101CWA

☐ Check catch, safety catch and hinges on engine hood for proper operation		AP88.40-P-8851EW
Fill up with DEF with code (U42) BlueTEC (SCR) diesel exhaust treatment.		AP14.40-P-1410BT
i Fill, subject to a separate invoice		
Check starter using STAR DIAGNOSIS tester E400 HYBRID only		AP15.30-P-1550AA
☐ Check condition of poly-V-belt		
Engine 276. 278, 157, 651		AP13.22-P-1352EW
☐ Clean visible area of water deflector		AP82.35-P-8232A
☐ 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		AP40.15-P-4061A
bar or psi:		
LF RF LR RR bar/psi:		
Correct inflation pressure in spare tire		AP40.15-P-4061A
(if applicable) and enter in bar or psi:		
bar/psi:		
Leakage - Major components Check underbody and engine compartment		AP00.20-P-0053EW
for chafe marks, line routing, damaged		
components.		
☐ Check DEF lines and components for leaks		AP00.20-P-0053EW
and damage with code (U42) BlueTEC (SCR) diesel		
exhaust treatment		
☐ Visually inspect condition of front axle ball		AP33.20-P-3353EW
joints, rubber boots		
☐ Visually inspect condition of driveshaft		AP41.10-P-4152EW
flexible discs		
☐ Visually inspect condition of steering mechanical components, rubber boots	Ц	AP46.00-P-4653EW
Check the following fluid levels, correct if		
necessary		
☐ Check coolant level		AH20.00-P-1142- 01CW
☐ Brake system		AP42.10-P-4210EW
☐ 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 y  № Performed		
(check if performed)	lot 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-5451EW
☐ Check trunk/cargo area lighting		
☐ Check and correct headlamp setting		AP82.10-P-8260EW
☐ Battery (Main/starter/auxiliary) check		AP54.10-U-5453A
condition using Midtronics battery tester.  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 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
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)  Reset maintenance service indicator in		AP00.20-P-0042EW
instrument cluster		A1 00.20-1 -0042LVV

D - 1 1 160 1		
☐ Engine - oil and filter change		
Engine 276, 278, 157		AP18.00-P-0101EW
Engine 651		AP18.00-P-0101CWA
☐ Check catch, safety catch and hinges on engine hood for proper operation		AP88.40-P-8851EW
Fill up with DEF with code (U42) BlueTEC (SCR) diesel exhaust treatment.  i Fill, subject to a separate invoice		AP14.40-P-1410BT
☐ Check starter using STAR DIAGNOSIS tester E400 HYBRID only		AP15.30-P-1550AA
☐ Clean visible area of water deflector		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:		AP40.15-P-4061A
☐ Correct inflation pressure in spare tire (if applicable) and enter in bar or psi: bar/psi:		AP40.15-P-4061A
Check the following fluid levels, correct if necessary		
☐ Check coolant level		AH20.00-P-1142- 01CW
☐ Brake system		AP42.10-P-4210EW
☐ 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 20,000 miles or 2  ☑ Performed (check if performed)	years 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-5451EW
☐ Check trunk/cargo area lighting		
☐ Battery (Main/starter/auxiliary) check condition using Midtronics battery tester.  Attach Midtronics 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:		AP40.10-P-4051EW
LF RF LR RR		
outside		
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		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
Engine 651	If more than 40,000 mi or 4 years since last replacement	AP47.20-P-0780EWD
Replace coolant  Observe correct coolant composition		
Engine 276, 278, 157, 651	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	If more than 40,000 mi or 4 years since last replacement	AP27.00-P-2702W
Engine 276 with NAG2-FE + except for E400 HYBRID	If more than 70,000 mi or 7 years since last replacement	AP27.00-P-2702W
Engine 278, 651 with NAG2-FE+	If more than 70,000 mi or 7 years since last replacement	AP27.00-P-2702W
Transmission 724.2		
Engine 276 in model E400 HYBRID	If more than 60,000 mi or 6 years since last replacement	 AP27.00-P-2702A
☐ Replace air filter		
Engine 276, 278, 157	If more than 40,000 mi or 4 years since last replacement	AP09.10-P-0980MM
Engine 651	If more than 40,000 mi or 4 years since last replacement	 AP09.10-P-0980EWD
Replace spark plugs		
Engine 276, 278, 157	If more than 60,000 mi or 6 years since last replacement	AP15.10-P-1580EW