

## Mercedes-Benz

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

Model Year 201	1	Mod	del 221		
Customer:			Repair order num	nber:	
Tire Rotation (non-staggered width wheel setup only)	A 5,000-mile recommended to likely necessitate tire rotation each 10,000-mile maintenance services.	at least once in between ce service and at every	Tires rotated	YES	NO
Note: For any co	ondition found while performing m the repair using a separate r	the checks or inspections epair order.	s included in this m	aintenance shee	t, determine
Current mileage read	ling:	Oi	il grade/viscosity:_		
Additional notes:					
Service work to be perservice advisor:	erformed as advised by	Completion date:	Confirm work has below:	been performed	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	100 10	110 11	120 12	130 13	140 14	150 15	Not OK <b>↓</b>	
Reset maintenance service indicator in instrument cluster		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP00.20-P-0042SX
☐ Engine - oil and filter change																		
engine 157		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP18.00-P-0101EWG
engine 272		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP18.00-P-0101PIT
engine 273		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP18.00-P-0101SX
engine 275.953		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP18.00-P-0101SZA
engine 275.982		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP18.00-P-0101SZB
☐ Check catch, safety catch and hinges on engine hood for proper operation		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP88.40-P-8851SX
Check water drain in air/water duct for obstructions; clean if soiled		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP83.10-P-8339M
☐ Check condition of poly-V-belt except S400 HYBRID																		
engine 157, 273			•		•		•		•		•		•		•			AP13.22-P-1352SX
engine 275			•		•		•		•		•		•		•			AP13.22-P-1352SZ
☐ Replace brake fluid			•		•		•		•		•		•		•			AP42.00-P-4280SX
Replace combination filter			•		•		•		•		•		•		•			AP83.00-P-8384SX
☐ Check thickness of brake pads, front and rear		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP42.10-P-4253A
☐ Correct tire inflation pressure including spare (where applicable) and enter in the table at the end of the service sheet		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP40.15-P-4061A
☐ Leakage - major components - check underbody and engine compartment for chafe marks, line routing, damaged components			•		•		•		•		•		•		•			AP00.20-P-0053SX
☐ Visually inspect condition of front axle ball joints, rubber boots			•		•		•		•		•		•		•			AP33.20-P-3353SX
☐ Visually inspect condition of driveshaft flexible discs			•		•		•		•		•		•		•			AP41.10-P-4152SX
☐ Visually inspect condition of steering mechanical components, rubber boots			•		•		•		•		•		•		•			AP46.00-P-4653SX
Coolant - check fluid level and correct if necessary engine 157, 272, 273; engine 275 main and low temperature circuit (main circuit if not to be replaced (every 30k miles/3 yrs))  irefer to AH20.00-P-1142-01V observe correct coolant composition		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
☐ Brake system - check fluid level and correct if necessary		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP42.10-P-4210SX
Power steering - check fluid level and correct if necessary  i the fluid level must always be on the maximum mark, corresponding to the oil temperature		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP46.00-P-4611SX
☐ Windshield washer system - check fluid level and correct if necessary		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP82.35-P-8210SX
Active Body Control - check fluid level and correct if necessary with Code 487 (Active Body Control (ABC))		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP32.50-P-3213SX
☐ Parking brake (function test only)			•		•		•		•		•		•		•			AP42.00-P-4290BA

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	100 10	110 11	120 12	130 13	140 14	150 15	Not OK <b>↓</b>	
Reset maintenance service indicator in instrument cluster  ireminder - if not yet performed		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP00.20-P-0042SX
Required Additional 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 <b>↓</b>	
☐ Replace air filter except engine 275 engine 157					•				•				•					AP09.10-P-0980AB
engine 272, 273					•				•				•					AP09.10-P-0980SX
Replace air filter engine 275							•						•					AP09.10-P-0980SZ
Automatic transmission - oil and filter change transmission 722.9					•				•				•					AP27.00-P-2702W
transmission 722.6					•				•				•					AP27.00-P-2702SX
Replace V-belts S400 HYBRID							•						•					AP13.20-P-1380A
Replace spark plugs engine 157, 272, 273							•						•					AP15.10-P-1580SX
engine 275							•						•					AP15.10-P-1580SZ
☐ Replace fuel filter																•		AP47.20-P-0780SX
Replace coolant engine 275 main circuit  ii observe correct coolant composition				•			•			•			•			•		AP20.00-P-2080SZ
Replace coolant except engine 275 main circuit																		
engine 157, 272, 273																•		AP20.00-P-2080SX
engine 275 low temperature circuit	_															•		AP20.00-P-2080SZ
Recommended Service miles (thousands) Work	2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150		
Performed years (check if performed)		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Not OK	
☐ Main/starter battery - Check fluid level and correct if necessary with lead acid battery		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP54.10-P-5410SX
☐ Horn - Electrical system check		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
☐ Warning/indicator lamps - Electrical system check		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP54.30-P-5451SX
☐ Illumination and interior lighting - Electrical system check		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP54.30-P-5453SX
☐ Exterior lighting, high beam flasher, hazard warning flasher, turn signals - Electrical system check		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP82.10-P-8252EW
☐ Check trunk/cargo area lighting		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
☐ Check and correct headlamp setting			•		•		•		•		•		•		•		_	AP82.10-P-8260SX
Battery (Main/starter/auxiliary) check condition using Midtronics battery tester. Attach Midtronics test report print out here		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP54.10-U-5453A
Check seat belts and buckles for signs of external damage and proper function			•		•		•		•		•		•		•			AP91.40-P-9150SX
☐ Check windshield washer and headlamp cleaning system		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP82.30-P-8252SX

Recommended Service Work	miles (thousands)	2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150		
☑ Performed	years		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Not OK	
(check if performed)																		<b>+</b>	
☐ Check, clean, and lubrica	ate tilt/sliding roof			•		•		•		•		•		•		•			AP77.20-P-7731SX
mechanism except CODE 413 (panor	ramic glass roof with																		
top sliding roof)																			
☐ Check, clean, and lubrica	te panoramic roof			•		•		•		•		•		•		•			AP77.20-P-7732SX
mechanism with CODE 413 (panoran	nic glass roof with top																		
sliding roof)				L															
☐ Check bodywork for paint	twork damage			•		•		•		•		•		•		•			AP98.00-P-9850SX
☐ Night View Assist camera behind the camera cover with CODE 610 (Night Vie			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP54.30-P-5431SX
☐ Tire rotation where applicable			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
☐ Inspect tires for damage, depth and enter table at the sheet			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP40.10-P-4051Z
Check TIREFIT tire seala where applicable	int expiration date		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP40.10-P-4054R
Activate Tire Pressure Mo	0 ,		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP40.10-P-4054R
☐ Visually check brake syst lines, hoses, calipers	em components,		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
☐ Check thickness of brake and rear wheels removed	pads and discs, front																	_	
pads			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP42.10-P-4253A
discs			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		AP42.10-P-4258SX
☐ Check chassis and load-t components for damage and				•		•		•		•		•		•		•			AP00.20-P-0090SX
☐ Replace wiper blades			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
High Mileage Required	Service Work at 1	60,	,000	) m	iles	or	16 y	yea	rs;	the	n ev	very	20,0	000	mile	s or	2 ye	ears	
i Plus any applicable	additional work li	ste	d a	t th	e er	nd d	of th	ne s	erv	ice	sh	eet							
☑ Performed																		Not OK	
(check if performed)																		Ψ_	4 DOO OO D OO 400V
Reset maintenance se	ervice indicator in ir	str	ume	ent	clus	ter													AP00.20-P-0042SX
☐ Engine - oil and filter o	change																		
engine 157																			AP18.00-P-0101EWG
engine 272																			AP18.00-P-0101PIT
engine 273																			AP18.00-P-0101SX
engine 275.953																			AP18.00-P-0101SZA
engine 275.982																			AP18.00-P-0101SZB
Check catch, safety catch and hinges on engine hood for proper operation												AP88.40-P-8851SX							
☐ Check water drain in air/water duct for obstructions; clean if soiled AP83.10-P-8339M																			
☐ Check condition of po except S400 HYBRID	ly-V-belt																		
engine 157, 273	·																		AP13.22-P-1352SX
engine 275	engine 275 AP13.22-P-1352SZ										AD13 22-D-1352C7								
Replace brake fluid AP42.00-P-4280SX																			
																			AP42.00-P-4280SX
☐ Replace combination	filter																		AP42.00-P-4280SX
☐ Replace combination ☐ Check thickness of br		rea	ar																AP42.00-P-4280SX

Leakage - major components - check underbody and engine compartment for chafe marks, line routing, damaged components		AP00.20-P-0053SX
□ Visually inspect condition of front axle ball joints, rubber boots		AP33.20-P-3353SX
☐ Visually inspect condition of driveshaft flexible discs		AP41.10-P-4152SX
☐ Visually inspect condition of steering mechanical components, rubber boots		AP46.00-P-4653SX
□ Coolant - check fluid level and correct if necessary engine 157, 272, 273; engine 275 main and low temperature circuit (main circuit if not to be replaced (every 30k miles/3 yrs))  ■ refer to AH20.00-P-1142-01V ■ observe correct coolant composition		
$\square$ Brake system - check fluid level and correct if necessary		AP42.10-P-4210SX
☐ Power steering - check fluid level and correct if necessary  ☐ the fluid level must always be on the maximum mark, corresponding to the oil temperature		AP46.00-P-4611SX
☐ Windshield washer system - check fluid level and correct if necessary		AP82.35-P-8210SX
☐ Active Body Control - check fluid level and correct if necessary with Code 487 (Active Body Control (ABC))		AP32.50-P-3213SX
☐ Parking brake (function test only)		AP42.00-P-4290BA
Reset maintenance service indicator in instrument cluster  i reminder - if not yet performed		AP00.20-P-0042SX
High Mileage Recommended Service Work at 160,000 miles or 16 years; then every 20,000 miles	or 2 yea	rs
i Plus any applicable additional work listed at the end of the service sheet		
☑ Performed (check if performed)	Not OK	
Main/starter battery - Check fluid level and correct if necessary with lead acid battery	<u> </u>	AP54.10-P-5410SX
☐ Horn - Electrical system check		
☐ Warning/indicator lamps - Electrical system check		AP54.30-P-5451SX
$\square$ Illumination and interior lighting - Electrical system check		AP54.30-P-5453SX
$\square$ Exterior lighting, high beam flasher, hazard warning flasher, turn signals - Electrical system check		AP82.10-P-8252EW
☐ Check trunk/cargo area lighting		
☐ Check and correct headlamp setting		AP82.10-P-8260SX
$\square$ Battery (Main/starter/auxiliary) check condition using Midtronics battery tester. Attach Midtronics test report print out here		AP54.10-U-5453A
		AP54.10-U-5453A AP91.40-P-9150SX
report print out here		
report print out here  Check seat belts and buckles for signs of external damage and proper function		AP91.40-P-9150SX
report print out here  Check seat belts and buckles for signs of external damage and proper function  Check windshield washer and headlamp cleaning system  Check, clean, and lubricate tilt/sliding roof mechanism		AP91.40-P-9150SX AP82.30-P-8252SX
report print out here  Check seat belts and buckles for signs of external damage and proper function  Check windshield washer and headlamp cleaning system  Check, clean, and lubricate tilt/sliding roof mechanism except CODE 413 (panoramic glass roof with top sliding roof)  Check, clean, and lubricate panoramic roof mechanism		AP91.40-P-9150SX AP82.30-P-8252SX AP77.20-P-7731SX
report print out here  Check seat belts and buckles for signs of external damage and proper function  Check windshield washer and headlamp cleaning system  Check, clean, and lubricate tilt/sliding roof mechanism except CODE 413 (panoramic glass roof with top sliding roof)  Check, clean, and lubricate panoramic roof mechanism with CODE 413 (panoramic glass roof with top sliding roof)		AP91.40-P-9150SX AP82.30-P-8252SX AP77.20-P-7731SX AP77.20-P-7732SX
report print out here  Check seat belts and buckles for signs of external damage and proper function  Check windshield washer and headlamp cleaning system  Check, clean, and lubricate tilt/sliding roof mechanism except CODE 413 (panoramic glass roof with top sliding roof)  Check, clean, and lubricate panoramic roof mechanism with CODE 413 (panoramic glass roof with top sliding roof)  Check bodywork for paintwork damage  Night View Assist camera - clean windshield behind the camera cover		AP91.40-P-9150SX  AP82.30-P-8252SX  AP77.20-P-7731SX  AP77.20-P-7732SX  AP98.00-P-9850SX
report print out here  Check seat belts and buckles for signs of external damage and proper function  Check windshield washer and headlamp cleaning system  Check, clean, and lubricate tilt/sliding roof mechanism except CODE 413 (panoramic glass roof with top sliding roof)  Check, clean, and lubricate panoramic roof mechanism with CODE 413 (panoramic glass roof with top sliding roof)  Check bodywork for paintwork damage  Night View Assist camera - clean windshield behind the camera cover with CODE 610 (Night View Assist)		AP91.40-P-9150SX  AP82.30-P-8252SX  AP77.20-P-7731SX  AP77.20-P-7732SX  AP98.00-P-9850SX
report print out here  Check seat belts and buckles for signs of external damage and proper function  Check windshield washer and headlamp cleaning system  Check, clean, and lubricate tilt/sliding roof mechanism except CODE 413 (panoramic glass roof with top sliding roof)  Check, clean, and lubricate panoramic roof mechanism with CODE 413 (panoramic glass roof with top sliding roof)  Check bodywork for paintwork damage  Night View Assist camera - clean windshield behind the camera cover with CODE 610 (Night View Assist)  Tire rotation where applicable		AP91.40-P-9150SX AP82.30-P-8252SX AP77.20-P-7731SX AP77.20-P-7732SX AP98.00-P-9850SX AP54.30-P-5431SX
report print out here  Check seat belts and buckles for signs of external damage and proper function  Check windshield washer and headlamp cleaning system  Check, clean, and lubricate tilt/sliding roof mechanism except CODE 413 (panoramic glass roof with top sliding roof)  Check, clean, and lubricate panoramic roof mechanism with CODE 413 (panoramic glass roof with top sliding roof)  Check bodywork for paintwork damage  Night View Assist camera - clean windshield behind the camera cover with CODE 610 (Night View Assist)  Tire rotation where applicable  Inspect tires for damage, measure thread depth and enter table at the end of the service sheet  Check TIREFIT tire sealant expiration date		AP91.40-P-9150SX AP82.30-P-8252SX AP77.20-P-7731SX AP77.20-P-7732SX AP98.00-P-9850SX AP54.30-P-5431SX  AP40.10-P-4051Z

$\square$ Check thickness of brake pads and discs, front and rear wheels removed		
pads		AP42.10-P-4253A
discs		AP42.10-P-4258SX
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	ears	
Plus any applicable additional work listed at the end of the service sheet		
☑ Performed (check if performed)	Not Ok	(
<u> </u>	Ψ.	A DOO OO D OO 400 V
Reset maintenance service indicator in instrument cluster		AP00.20-P-0042SX
☐ Engine - oil and filter change		
engine 157		AP18.00-P-0101EWG
engine 272		AP18.00-P-0101PIT
engine 273 engine 275.953		AP18.00-P-0101SX AP18.00-P-0101SZA
engine 275.982		AP18.00-P-0101SZB
☐ Check catch, safety catch and hinges on engine hood for proper operation		AP88.40-P-8851SX
		AP83.10-P-8339M
☐ Check water drain in air/water duct for obstructions; clean if soiled		AP42.10-P-4253A
☐ Check thickness of brake pads, front and rear		
Correct tire inflation pressure including spare (where applicable) and enter in the table at the end of the service sheet		AP40.15-P-4061A
Coolant - check fluid level and correct if necessary engine 157, 272, 273; engine 275 main and low temperature circuit (main circuit if not to be replaced		
(every 30k miles/3 yrs))  i refer to AH20.00-P-1142-01V		
i observe correct coolant composition		
☐ Brake system - check fluid level and correct if necessary		AP42.10-P-4210SX
☐ Power steering - check fluid level and correct if necessary		AP46.00-P-4611SX
I the fluid level must always be on the maximum mark, corresponding to the oil temperature		
☐ Windshield washer system - check fluid level and correct if necessary		AP82.35-P-8210SX
☐ Active Body Control - check fluid level and correct if necessary		AP32.50-P-3213SX
with Code 487 (Active Body Control (ABC))		
Reset maintenance service indicator in instrument cluster		AP00.20-P-0042SX
i reminder - if not yet performed		
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles	or 2 yea	irs
I Plus any applicable additional work listed at the end of the service sheet Performed	Not Ok	7
(check if performed)	₩.	•
Main/starter battery - Check fluid level and correct if necessary with lead acid battery		AP54.10-P-5410SX
☐ Horn - Electrical system check		
☐ Warning/indicator lamps - Electrical system check		AP54.30-P-5451SX
☐ Illumination and interior lighting - Electrical system check		AP54.30-P-5453SX
☐ Exterior lighting, high beam flasher, hazard warning flasher, turn signals - Electrical system check		AP82.10-P-8252EW
☐ 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
☐ Check windshield washer and headlamp cleaning system		AP82.30-P-8252SX
☐ Night View Assist camera - clean windshield behind the camera cover with CODE 610 (Night View Assist)		AP54.30-P-5431SX

☐ Tire rotation where applicable		
☐ Inspect tires for damage, measure thread	depth and enter table at the end of the service sheet	AP40.10-P-4051Z
Check TIREFIT tire sealant expiration date where applicable	e	AP40.10-P-4054R
Activate Tire Pressure Monitoring System  i refer to vehicle Operator's Manual		AP40.10-P-4054R
☐ Visually check brake system components,	lines, hoses, calipers	
Check thickness of brake pads and discs,	· · · · · · · · · · · · · · · · · · ·	
pads		AP42.10-P-4253A
discs		AP42.10-P-4258SX
Replace wiper blades		
High Mileage Additional Work  Performed (check if performed)		
Replace air filter except engine 275		
engine 157	If more than 40,000 mi or 4 years since last replacement	AP09.10-P-0980AB
engine 272, 273	If more than 40,000 mi or 4 years since last replacement	 AP09.10-P-0980SX
Replace air filter engine 275	If more than 60,000 mi or 6 years since last replacement	AP09.10-P-0980SZ
☐ Automatic transmission - oil and filter change		
transmission 722.9	If more than 40,000 mi or 4 years since last replacement	AP27.00-P-2702W
transmission 722.6	If more than 40,000 mi or 4 years since last replacement	 AP27.00-P-2702SX
Replace V-belts S400 HYBRID	If more than 60,000 mi or 6 years since last replacement	AP13.20-P-1380A
Replace spark plugs		
engine 157, 272, 273	If more than 60,000 mi or 6 years since last replacement	AP15.10-P-1580SX
engine 275	If more than 60,000 mi or 6 years since last replacement	AP15.10-P-1580SZ
Replace fuel filter	If more than 150,000 mi or 15 years since last replacement	AP47.20-P-0780SX
Replace coolant engine 275 main circuit	If more than 30,000 mi or 3 years since last replacement	AP20.00-P-2080SZ
i observe correct coolant composition		
Replace coolant except engine 275 main circuit		
i observe correct coolant composition		
engine 157, 272, 273	If more than 150,000 mi or 15 years since last replacement	AP20.00-P-2080SX
engine 275 low temperature circuit	If more than 150,000 mi or 15 years since last replacement	AP20.00-P-2080SZ

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

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