



Mercedes-Benz

AP00.20-U-1208GM

SERVICE SHEET for Mercedes-Benz Maintenance System (USA)

Model Year 2016
USA



Model 166

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



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 <input checked="" type="checkbox"/> Performed (check if performed)	miles (thousands)		years															Not OK ↓	
	2	10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
<input type="checkbox"/> Reset Maintenance service indicator in instrument cluster			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP00.20-P-0042W
<input type="checkbox"/> Replace combination filter				•		•		•		•		•		•		•		•	AP83.00-P-8384C
<input type="checkbox"/> Parking brake (function test only)				•		•		•		•		•		•		•		•	<input type="checkbox"/> AP42.00-P-4290BA
<input type="checkbox"/> Check charging cable and vehicle socket for mechanical damage model 166.063			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP54.10-P-5458B
<input type="checkbox"/> Engine – oil and filter change engine 651 engine 642 engine 278 engine 276 engine 157			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP18.00-P-0101CWA AP18.00-P-0101EWO AP18.00-P-0101EL AP18.00-P-0101GQ AP18.00-P-0101EWG
<input type="checkbox"/> Check all visible engine components for leaks				•		•		•		•		•		•		•		•	<input type="checkbox"/> AP00.20-P-0055D
<input type="checkbox"/> Inspect front axle ball joints for play, rubber boots				•		•		•		•		•		•		•		•	<input type="checkbox"/> AP33.10-P-3358E
<input type="checkbox"/> Inspect rear axle ball joints, rubber boots				•		•		•		•		•		•		•		•	<input type="checkbox"/> AP35.20-P-3552E
<input type="checkbox"/> Inspect condition of steering mechanical components, rubber boots				•		•		•		•		•		•		•		•	<input type="checkbox"/> AP46.00-P-4651E
<input type="checkbox"/> Check DEF lines and components for leaks and damage Engine 642, 651 with CODE U42 (BlueTEC(SCR)) diesel exhaust treatment or with CODE U77 (BlueTEC(SCR)) diesel exhaust treatment engine compartment underbody				•		•		•		•		•		•		•		•	<input type="checkbox"/> AP00.20-P-0055D <input type="checkbox"/> AP00.20-P-0054F
<input type="checkbox"/> Check condition and function of trailer hitch with CODE 550 (Trailer hitch)				•		•		•		•		•		•		•		•	<input type="checkbox"/> AP31.11-P-3152A
<input type="checkbox"/> Inspect driveshaft flexible discs				•		•		•		•		•		•		•		•	<input type="checkbox"/> AP41.10-P-4152B
<input type="checkbox"/> Check thickness of brake pads front and rear			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP42.10-P-4253A
<input type="checkbox"/> Check and correct all tire air pressures, including spare where applicable			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP40.15-P-4061A
<input type="checkbox"/> Check condition of poly-V-belt except model 166.063				•		•		•		•		•		•		•		•	<input type="checkbox"/> AP13.22-P-1352EW
<input type="checkbox"/> Clean visible area of water deflector			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP82.35-P-8232A
<input type="checkbox"/> Replace dust filter				•		•		•		•		•		•		•		•	AP83.00-P-8381GQ
<input type="checkbox"/> Replace brake fluid				•		•		•		•		•		•		•		•	AP42.00-P-4280GZ
<input type="checkbox"/> Check catch, safety catch and hinges on engine hood for proper operation			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/>
<input type="checkbox"/> Check coolant level and correct if necessary <input checked="" type="checkbox"/> Refer to AH20.00-P-1142-01CW <input checked="" type="checkbox"/> Observe correct coolant composition				•		•		•		•		•		•		•		•	<input type="checkbox"/>
<input type="checkbox"/> Check high-voltage battery circuit coolant level model 166.063				•		•		•		•		•		•		•		•	<input type="checkbox"/> AP20.30-P-2053B
<input type="checkbox"/> Check windshield washer system fluid, correct if necessary			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP82.35-P-8210GZ
<input type="checkbox"/> Check brake fluid level and correct if necessary			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP42.10-P-4210GZ
<input type="checkbox"/> Fill DEF fluid Engine 642, 651 with CODE U42 (BlueTEC(SCR)) diesel exhaust treatment or with CODE U77 (BlueTEC(SCR)) diesel exhaust treatment			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP14.40-P-1410BT

Required Service Work <input checked="" type="checkbox"/> Performed (check if performed)	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"/> Reset Maintenance service indicator in instrument cluster <input checked="" type="checkbox"/> reminder - if not yet performed		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	AP00.20-P-0042W
Required Additional Work <input checked="" type="checkbox"/> Performed (check if performed)	miles (thousands) years	2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	Not OK ↓
<input type="checkbox"/> Replace air filter engine 157					•			•			•			•			•	AP09.10-P-0980AB
<input type="checkbox"/> Automatic transmission-oil and filter change engine 157					•			•			•			•			•	AP27.00-P-2702W
<input type="checkbox"/> Automatic transmission-oil and filter change engine 276, 278, 642, 651 transmission 725.0 transmission 722.9 transmission 724.2								•						•			•	AP27.00-P-2702B AP27.00-P-2702W AP27.00-P-2702A
<input type="checkbox"/> Replace air filter engine 276, 278, 642, 651 engine 651 engine 276.8 engine 276.9 engine 642 engine 278								•						•			•	AP09.10-P-0980EWD AP09.10-P-0980E AP09.10-P-0980MM AP09.10-P-0980GZB AP09.10-P-0980AB
<input type="checkbox"/> Replace fuel filter engine 642, 651 engine 642 engine 651								•						•			•	AP47.20-P-0780EWO AP47.20-P-0780EWD
<input type="checkbox"/> Replace spark plugs engine 157, 276, 278								•						•			•	AP15.10-P-1580GZC
<input type="checkbox"/> Replace fuel filter engine 157, 276, 278																	•	AP47.20-P-0780GQ
<input type="checkbox"/> Replace coolant <input checked="" type="checkbox"/> Observe correct coolant composition																	•	AP20.00-P-2080EW
Recommended Service Work <input checked="" type="checkbox"/> Performed (check if performed)	miles (thousands) years	2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	Not OK ↓
<input type="checkbox"/> Check horn		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/>
<input type="checkbox"/> Check warning/indicator lamps		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP54.30-P-5451HA
<input type="checkbox"/> Check illumination and interior lighting		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP54.30-P-5453GB
<input type="checkbox"/> Clean and lubricate Panoramic guide mechanism with CODE 413 (panoramic sliding sunroof)				•		•		•		•		•		•		•		AP77.20-P-7732EW
<input type="checkbox"/> Check, clean and lubricate tilt/sliding roof mechanism (where applicable)				•		•		•		•		•		•		•		<input type="checkbox"/>
<input type="checkbox"/> Check windshield wiper, washer and headlamp washer system operation		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP82.30-P-8252GZ
<input type="checkbox"/> Replace wiper blades		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
<input type="checkbox"/> Check seatbelts and buckles for proper operation or damage				•		•		•		•		•		•		•		<input type="checkbox"/>
<input type="checkbox"/> Activate Tire Pressure Monitoring System <input checked="" type="checkbox"/> Refer to vehicle Operator's Manual		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
<input type="checkbox"/> Check all exterior lights		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP82.10-P-8252EW
<input type="checkbox"/> Check trunk / cargo area light		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/>

Recommended Service Work <input checked="" type="checkbox"/> Performed (check if performed)	miles (thousands)	2	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	years	Not OK ↓
<input type="checkbox"/> Check TIREFIT tire sealant expiration date (where applicable)			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP40.10-P-4054R
<input type="checkbox"/> Check headlamp setting, correct if necessary				•		•		•		•		•		•		•			AP82.10-P-8260I
<input type="checkbox"/> Check battery condition. Attach printout to sheet				•		•		•		•		•		•		•			<input type="checkbox"/> AP54.10-U-5453A
<input type="checkbox"/> Check for body paint damage				•		•		•		•		•		•		•			<input type="checkbox"/> AP98.00-P-9850GZ
<input type="checkbox"/> Tire rotation (where applicable)			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
<input type="checkbox"/> Check thickness of brake pads and discs, front and rear wheels removed pads discs			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP42.10-P-4258GQ <input type="checkbox"/> AP42.10-P-4253A
<input type="checkbox"/> Visually inspect brake system components, lines, hoses, calipers			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/>
<input type="checkbox"/> Inspect tires for damage and measure remaining tread life			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	<input type="checkbox"/> AP40.10-P-4051EW
<input type="checkbox"/> Check chassis and load bearing body components for damage and corrosion				•		•		•		•		•		•		•			<input type="checkbox"/> AP00.20-P-0090SX
High Mileage Required Service Work at 160,000 miles or 16 years; then every 20,000 miles or 2 years																			
<input checked="" 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-0042W
<input type="checkbox"/> Replace combination filter																			AP83.00-P-8384C
<input type="checkbox"/> Parking brake (function test only)																			<input type="checkbox"/> AP42.00-P-4290BA
<input type="checkbox"/> Check charging cable and vehicle socket for mechanical damage model 166.063																			<input type="checkbox"/> AP54.10-P-5458B
<input type="checkbox"/> Engine – oil and filter change engine 651 engine 642 engine 278 engine 276 engine 157																			AP18.00-P-0101CWA AP18.00-P-0101EWO AP18.00-P-0101EL AP18.00-P-0101GQ AP18.00-P-0101EWG
<input type="checkbox"/> Check all visible engine components for leaks																			<input type="checkbox"/> AP00.20-P-0055D
<input type="checkbox"/> Inspect front axle ball joints for play, rubber boots																			<input type="checkbox"/> AP33.10-P-3358E
<input type="checkbox"/> Inspect rear axle ball joints, rubber boots																			<input type="checkbox"/> AP35.20-P-3552E
<input type="checkbox"/> Inspect condition of steering mechanical components, rubber boots																			<input type="checkbox"/> AP46.00-P-4651E
<input type="checkbox"/> Check DEF lines and components for leaks and damage Engine 642, 651 with CODE U42 (BlueTEC(SCR)) diesel exhaust treatment or with CODE U77 (BlueTEC(SCR)) diesel exhaust treatment engine compartment underbody																			<input type="checkbox"/> AP00.20-P-0055D <input type="checkbox"/> AP00.20-P-0054F
<input type="checkbox"/> Check condition and function of trailer hitch with CODE 550 (Trailer hitch)																			<input type="checkbox"/> AP31.11-P-3152A
<input type="checkbox"/> Inspect driveshaft flexible discs																			<input type="checkbox"/> AP41.10-P-4152B
<input type="checkbox"/> Check thickness of brake pads front and rear																			<input type="checkbox"/> AP42.10-P-4253A
<input type="checkbox"/> Check and correct all tire air pressures, including spare where applicable																			AP40.15-P-4061A
<input type="checkbox"/> Check condition of poly-V-belt except model 166.063																			<input type="checkbox"/> AP13.22-P-1352EW
<input type="checkbox"/> Clean visible area of water deflector																			AP82.35-P-8232A

<input type="checkbox"/> Replace dust filter	AP83.00-P-8381GQ
<input type="checkbox"/> Replace brake fluid	AP42.00-P-4280GZ
<input type="checkbox"/> Check catch, safety catch and hinges on engine hood for proper operation	<input type="checkbox"/>
<input type="checkbox"/> Check coolant level and correct if necessary <input type="checkbox"/> Refer to AH20.00-P-1142-01CW <input type="checkbox"/> Observe correct coolant composition	<input type="checkbox"/>
<input type="checkbox"/> Check high-voltage battery circuit coolant level model 166.063	<input type="checkbox"/> AP20.30-P-2053B
<input type="checkbox"/> Check windshield washer system fluid, correct if necessary	<input type="checkbox"/> AP82.35-P-8210GZ
<input type="checkbox"/> Check brake fluid level and correct if necessary	<input type="checkbox"/> AP42.10-P-4210GZ
<input type="checkbox"/> Fill DEF fluid Engine 642, 651 with CODE U42 (BlueTEC(SCR)) diesel exhaust treatment or with CODE U77 (BlueTEC(SCR)) diesel exhaust treatment	AP14.40-P-1410BT
<input type="checkbox"/> Reset Maintenance service indicator in instrument cluster <input type="checkbox"/> reminder - if not yet performed	AP00.20-P-0042W
High Mileage Recommended 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"/> Check horn	<input type="checkbox"/>
<input type="checkbox"/> Check warning/indicator lamps	<input type="checkbox"/> AP54.30-P-5451HA
<input type="checkbox"/> Check illumination and interior lighting	<input type="checkbox"/> AP54.30-P-5453GB
<input type="checkbox"/> Clean and lubricate Panoramic guide mechanism with CODE 413 (panoramic sliding sunroof)	AP77.20-P-7732EW
<input type="checkbox"/> Check, clean and lubricate tilt/sliding roof mechanism (where applicable)	<input type="checkbox"/>
<input type="checkbox"/> Check windshield wiper, washer and headlamp washer system operation	<input type="checkbox"/> AP82.30-P-8252GZ
<input type="checkbox"/> Replace wiper blades	
<input type="checkbox"/> Check seatbelts and buckles for proper operation or damage	<input type="checkbox"/>
<input type="checkbox"/> Activate Tire Pressure Monitoring System <input type="checkbox"/> Refer to vehicle Operator's Manual	
<input type="checkbox"/> Check all exterior lights	<input type="checkbox"/> AP82.10-P-8252EW
<input type="checkbox"/> Check trunk / cargo area light	<input type="checkbox"/>
<input type="checkbox"/> Check TIREFIT tire sealant expiration date (where applicable)	<input type="checkbox"/> AP40.10-P-4054R
<input type="checkbox"/> Check headlamp setting, correct if necessary	AP82.10-P-8260I
<input type="checkbox"/> Check battery condition. Attach printout to sheet	<input type="checkbox"/> AP54.10-U-5453A
<input type="checkbox"/> Check for body paint damage	<input type="checkbox"/> AP98.00-P-9850GZ
<input type="checkbox"/> Tire rotation (where applicable)	
<input type="checkbox"/> Check thickness of brake pads and discs, front and rear wheels removed pads discs	<input type="checkbox"/> AP42.10-P-4258GQ <input type="checkbox"/> AP42.10-P-4253A
<input type="checkbox"/> Visually inspect brake system components, lines, hoses, calipers	<input type="checkbox"/>
<input type="checkbox"/> Inspect tires for damage and measure remaining tread life	<input type="checkbox"/> AP40.10-P-4051EW
<input type="checkbox"/> Check chassis and load bearing body components for damage and corrosion	<input type="checkbox"/> AP00.20-P-0090SX
High Mileage Required 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"/> Reset Maintenance service indicator in instrument cluster	AP00.20-P-0042W

<input type="checkbox"/> Check charging cable and vehicle socket for mechanical damage model 166.063	<input type="checkbox"/> AP54.10-P-5458B
<input type="checkbox"/> Engine – oil and filter change engine 651 engine 642 engine 278 engine 276 engine 157	AP18.00-P-0101CWA AP18.00-P-0101EWO AP18.00-P-0101EL AP18.00-P-0101GQ AP18.00-P-0101EWG
<input type="checkbox"/> Check thickness of brake pads front and rear	<input type="checkbox"/> AP42.10-P-4253A
<input type="checkbox"/> Check and correct all tire air pressures, including spare where applicable	AP40.15-P-4061A
<input type="checkbox"/> Clean visible area of water deflector	AP82.35-P-8232A
<input type="checkbox"/> Check catch, safety catch and hinges on engine hood for proper operation	<input type="checkbox"/>
<input type="checkbox"/> Check windshield washer system fluid, correct if necessary	<input type="checkbox"/> AP82.35-P-8210GZ
<input type="checkbox"/> Check brake fluid level and correct if necessary	<input type="checkbox"/> AP42.10-P-4210GZ
<input type="checkbox"/> Fill DEF fluid Engine 642, 651 with CODE U42 (BlueTEC(SCR)) diesel exhaust treatment or with CODE U77 (BlueTEC(SCR)) diesel exhaust treatment	AP14.40-P-1410BT
<input type="checkbox"/> Reset Maintenance service indicator in instrument cluster <input checked="" type="checkbox"/> reminder - if not yet performed	AP00.20-P-0042W
High Mileage Recommended Service Work at 170,000 miles or 17 years; then every 20,000 miles or 2 years	
<input checked="" 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"/> Check horn	<input type="checkbox"/>
<input type="checkbox"/> Check warning/indicator lamps	<input type="checkbox"/> AP54.30-P-5451HA
<input type="checkbox"/> Check illumination and interior lighting	<input type="checkbox"/> AP54.30-P-5453GB
<input type="checkbox"/> Check windshield wiper, washer and headlamp washer system operation	<input type="checkbox"/> AP82.30-P-8252GZ
<input type="checkbox"/> Replace wiper blades	
<input type="checkbox"/> Activate Tire Pressure Monitoring System <input checked="" type="checkbox"/> Refer to vehicle Operator's Manual	
<input type="checkbox"/> Check all exterior lights	<input type="checkbox"/> AP82.10-P-8252EW
<input type="checkbox"/> Check trunk / cargo area light	<input type="checkbox"/>
<input type="checkbox"/> Check TIREFIT tire sealant expiration date (where applicable)	<input type="checkbox"/> AP40.10-P-4054R
<input type="checkbox"/> Tire rotation (where applicable)	
<input type="checkbox"/> Check thickness of brake pads and discs, front and rear wheels removed pads discs	<input type="checkbox"/> AP42.10-P-4258GQ <input type="checkbox"/> AP42.10-P-4253A
<input type="checkbox"/> Visually inspect brake system components, lines, hoses, calipers	<input type="checkbox"/>
<input type="checkbox"/> Inspect tires for damage and measure remaining tread life	<input type="checkbox"/> AP40.10-P-4051EW
High Mileage Additional Work	
<input checked="" type="checkbox"/> Performed (check if performed)	
<input type="checkbox"/> Replace air filter engine 157	If more than 30,000 miles or 3 years since last replacement AP09.10-P-0980AB
<input type="checkbox"/> Automatic transmission-oil and filter change engine 157	If more than 30,000 miles or 3 years since last replacement AP27.00-P-2702W
<input type="checkbox"/> Automatic transmission-oil and filter change engine 276, 278, 642, 651 transmission 725.0	If more than 60,000 miles or 6 years since last replacement AP27.00-P-2702B
transmission 722.9	If more than 60,000 miles or 6 years since last replacement AP27.00-P-2702W
transmission 724.2	If more than 60,000 miles or 6 years since last replacement AP27.00-P-2702A

<input type="checkbox"/> Replace air filter engine 276, 278, 642, 651		
engine 651	If more than 50,000 miles or 5 years since last replacement	AP09.10-P-0980EWD
engine 276.8	If more than 50,000 miles or 5 years since last replacement	AP09.10-P-0980E
engine 276.9	If more than 50,000 miles or 5 years since last replacement	AP09.10-P-0980MM
engine 642	If more than 50,000 miles or 5 years since last replacement	AP09.10-P-0980GZB
engine 278	If more than 50,000 miles or 5 years since last replacement	AP09.10-P-0980AB
<input type="checkbox"/> Replace fuel filter engine 642, 651		
engine 642	If more than 50,000 miles or 5 years since last replacement	AP47.20-P-0780EWO
engine 651	If more than 50,000 miles or 5 years since last replacement	AP47.20-P-0780EWD
<input type="checkbox"/> Replace spark plugs engine 157, 276, 278	If more than 50,000 miles or 5 years since last replacement	AP15.10-P-1580GZC
<input type="checkbox"/> Replace fuel filter engine 157, 276, 278	If more than 150,000 miles or 15 years since last replacement	AP47.20-P-0780GQ
<input type="checkbox"/> Replace coolant	If more than 150,000 miles or 15 years since last replacement	AP20.00-P-2080EV
<input checked="" type="checkbox"/> Observe correct coolant composition		

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

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