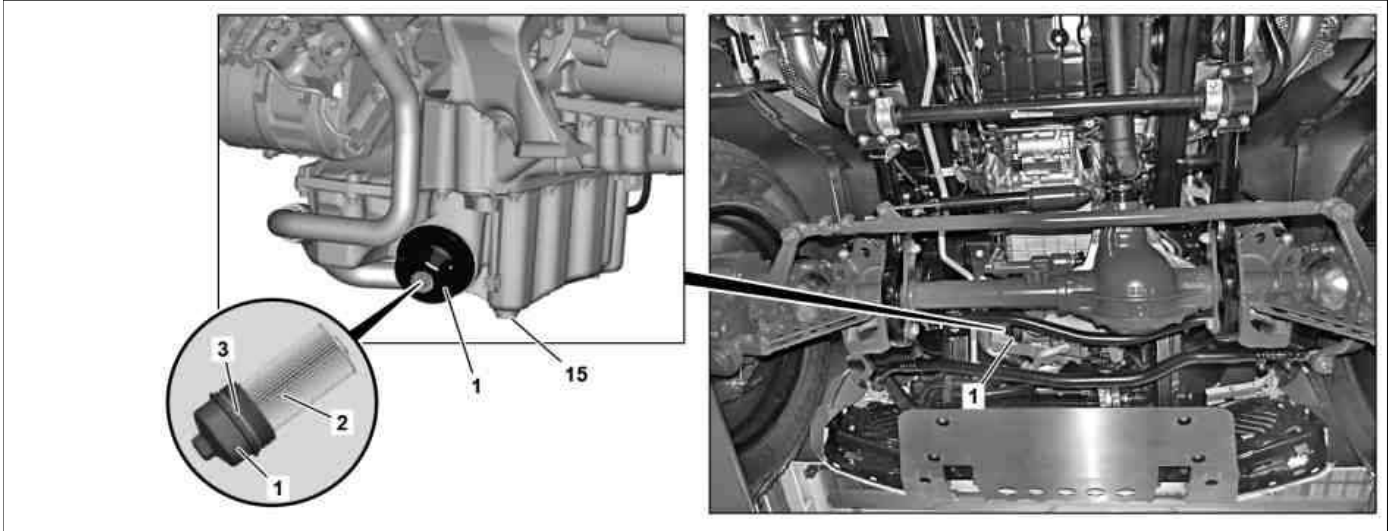


Engine 176 in model 167
 Engine 176 in model 463

Modification notes

21.02.2020	Metal drain screw to oil pan bottom section	Engine 176 in model 167, 463	BA01.45-P-1004-01Y
21.02.2020	Engine oil	Engine 176 in model 167, 463	BF18.00-P-1001-01EA



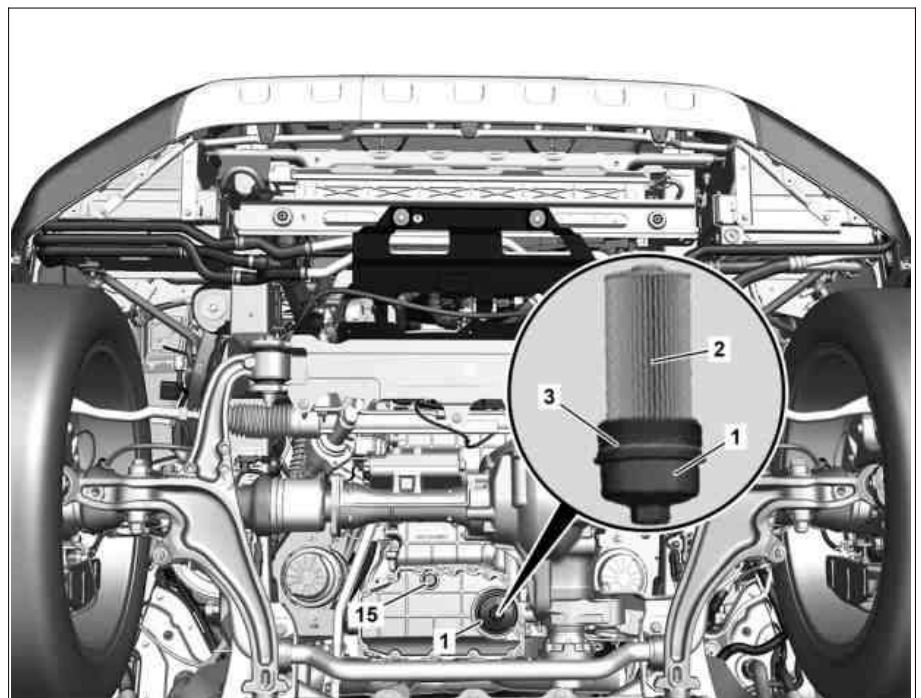
P18.00-2419-08

Shown on model 463.234 with code ZQ0 (G 500 4x4)





















- | | | | |
|---|--------------------|----|--------------|
| 1 | Oil filter cover | 3 | Sealing ring |
| 2 | Oil filter element | 15 | Drain screw |

Show on model 463.260

- | | |
|----|--------------------|
| 1 | Oil filter cover |
| 2 | Oil filter element |
| 3 | Sealing ring |
| 15 | Drain screw |



P18.00-A001-06


 Warning	Risk of accident from vehicle starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running.	Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A
	Risk of death caused by vehicle slipping or toppling off of the lifting platform.	Align vehicle between vehicle lift columns and position the four support plates at the vehicle lift support points specified by the vehicle manufacturer.	AS00.00-Z-0010-01A
 Caution	Risk of injury to skin and eyes due to handling of engine oil. Risk of poisoning caused by swallowing engine oil	Wear protective gloves, protective clothing and safety glasses. Do not fill engine oil into beverage containers.	AS18.00-Z-0001-01A
	Notes on engine oil and filter changes		AH18.00-P-0104-01A
	Remove		
1	Run engine to warm it up.	 Coolant temperature at least 80 °C.	
2	Switch off engine.		
3	Lift vehicle with lifting platform.		
		Model 463 up to model year 2019	AR00.60-P-1006A
4	Remove center engine compartment lining.		
		Model 167	AR61.20-P-1105ME
		Model 463 as of model year 2019	AR61.20-P-1105XG
5	Unscrew drain screw (15) and drain engine oil.		
6	Unscrew oil filter cover (1).	 Unscrew oil filter cover (1) far enough from oil filter housing so that engine oil can drain out of oil filter and oil filter housing.	
7	Remove oil filter cover (1).		
	Install		
8	Replace oil filter element (2).		
9	Replace sealing ring (3).		
10	Tighten oil filter cover (1).	 Oil filter cover to oil pan	*BA01.45-P-1002-01Y
11	Replace sealing ring of drain screw (15).		
12	Screw in drain screw (15).	 Metal drain screw to oil pan bottom section	*BA01.45-P-1004-01Y
13	Install center engine compartment lining.		
		Model 167	AR61.20-P-1105ME
		Model 463 as of model year 2019	AR61.20-P-1105XG
14	Lower vehicle with vehicle lift.		
		Model 463 up to model year 2019	AR00.60-P-1006A
15	Add engine oil.	 Model 167, model 463 as from model year 2019 Use only approved engine oils. Engine damage can occur otherwise.  Model 463 up to model year 2019 Only use approved engine oils as per SAE 0W-40 or 5W-40. Engine damage can occur otherwise.  Engine oil	*BF18.00-P-1001-01EA
	Check		
16	Run engine until warm and check for leak tightness.	 Coolant temperature at least 80 °C. If fluid loss occurs, ↓ determine cause and correct.  After obtaining special order.	
17	Check engine oil level using instrument cluster, correct if necessary.	Model 167; model 463 as of model year 2019 Model 463 up to model year 2019	AP18.00-P-1812SKI AP18.00-P-1812GKI

 Oil pan

Number	Designation	Engine 176 in model 167, 463
BA01.45-P-1002-01Y	Oil filter cover to oil pan	Nm 25

 Oil pan

Number	Designation	Engine 176 in model 167, 463
BA01.45-P-1004-01Y	Metal drain screw to oil pan bottom section Nm	20

 Engine lubrication system

Number	Designation	Engine 176 in model 167, 463
BF18.00-P-1001-01EA	Engine oil	9,5
	Filling capacity (oil and filter change) Liter	
	Sheet	BB00.40-P-0223-02 A