

TO: Mercedes-Benz Dealer Principals, General Managers, Sales Managers, Service Managers, Parts Managers	FROM: Gregory Gunther, Department Manager, Vehicle Compliance and Analysis, Engineering Services
RE: Recall Campaign Launch Notification Engine Oil Plugs MY18-19 217, 222 (S-Class)	Date: July 31, 2020

IMPORTANT RECALL CAMPAIGN UPDATE

Please see the attached documents related to the campaign listed above.

Please note that all customer inquiries should be directed to the Customer Assistance Center at 1-800-FOR-MERCEDES.

Sincerely,

Gregory Gunther

Department Manager, Vehicle Compliance & Analysis



Campaign No. :	NHTSA ID	Campaign Desc. :	Engine Oil Plugs
2020060018	20V173	20P1892005	
<p>This is to notify you of a Recall Campaign launch regarding the closure plugs on the engines of 9791 Model Year ("MY") 2018-2019 217, 222 (S-Class) vehicles. The recall campaign will be visible on the www.safercar.gov website and may generate questions from customers. Affected VINs will be flagged in VMI as "OPEN" on July 31, 2020.</p>			
Background			
Issue	<p>Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain MY 2018-2019 S-Class (222 platform) and S-Class Coupe/Convertible (217 platform) vehicles equipped with 4.0L 8-cylinder gasoline-engines (M176), the material of two engine oil plugs might not withstand the high engine loads during driving. The material of the closure plugs might fail to contain high engine oil pressures, which can occur especially during dynamic driving and could result in engine oil leaking from the plugs. The resulting oil leak on the road could create a potential road hazard increasing the risk of a crash for other road users. If the engine oil level were to fall below a certain limit, the driver would be made aware of this issue by a red warning message in the instrument cluster. If the warning message were to be ignored by the driver, the engine could run without the required oil, damaging the engine and result in a vehicle stall.</p>		
What We're Doing	<p>MBUSA will conduct a voluntary recall. An authorized Mercedes-Benz will rework the engine oil plugs on the affected vehicles.</p>		
Parts	<p>Parts are available and can be ordered as necessary.</p>		
Vehicles Affected			
Vehicle Model Year(s)	2018-2019		
Vehicle Model	S-Class		
Vehicle Populations			
Total Recall Population	9791		
Total Vehicles in Dealer Inventory	44		
<p>Given this notice, it is <u>a violation of Federal law</u> for a dealer to sell or lease any <u>new MY18-19 S-Class vehicles in dealer inventory covered by this notification until the vehicle has been repaired</u>. Once the remedy is available, the vehicles will be flagged as "OPEN" and Work Instructions will be available in Xentry. Once the repair is complete, the vehicle may be sold or leased. Loaner and demonstrator vehicles may continue to be driven, but must not be retailed until repaired. As a matter of normal service process, please check for other repair measures which might be applicable to the vehicle(s) Additionally, given this notice, it is <u>a violation of Federal Law for car rental companies</u> to rent new MY18-19 S-Class vehicles covered by this notification until the vehicle has been repaired.</p>			
Next Steps/Notes			
Customer Notification Timeline	Customer letters will be mailed approximately one week after the remedy becomes available.		
AOMS/SOMS	AOMs - This recall may generate questions from your dealers. Please forward this notice to your dealers ASAP.		
Rental Fleet Partners	This recall may affect vehicles in your fleet. Please contact your respective MBUSA fleet representative for further information and next steps. For repairs, please contact your preferred MBUSA dealer.		
<p>While we regret any inconvenience this may cause, MBUSA is determined to maintain a high level of vehicle quality and customer satisfaction. Please refer all customer inquiries to the Customer Assistance Center at 1-800-FOR-MERCEDES.</p>			





Mercedes-Benz

Campaign No. 2020060018, July 2020

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model S-Class and S-Class Coupe/Convertible (222 and 217 platform)
Model Year 2018-2019
Closure Plugs on Engine**

Mercedes-Benz AG ("MBAG"), the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year ("MY") 2018-2019 S-Class (222 platform) and S-Class Coupe/Convertible (217 platform) vehicles equipped with 4.0L 8-cylinder gasoline-engines (M176), the material of two engine oil plugs might not withstand the high engine loads during driving. The material of the closure plugs might fail to contain high engine oil pressures, which can occur especially during dynamic driving and could result in engine oil leaking from the plugs. The resulting oil leak on the road could create a potential road hazard increasing the risk of a crash for other road users. Additionally, if the engine oil level were to fall below a certain limit, the driver would be made aware of this issue by a red warning message in the instrument cluster. If the warning message were to be ignored by the driver, the engine could run without the required oil, damaging the engine and result in a vehicle stall. An authorized Mercedes-Benz will rework the engine oil plugs on the affected vehicles.

Prior to performing this Recall Campaign:

- VMI must always be checked before performing campaigns to verify that the campaign is required on a specific vehicle. Always check for any other open campaigns, and perform accordingly.
- Please review the entire Recall Campaign bulletin and follow the repair procedure exactly as described.

Please note that Recall Campaigns **do not expire** and may also be performed on a vehicle with a vehicle status indicator.

Approximately 9791 vehicles are involved.

Order No. P-RC-2020060018

This bulletin has been created and maintained in accordance with MBUSA-SLP S423QH001, Document and Data Control, and MBUSA-SLP S424HH001, Control of Quality Records.

Procedure

1. Remove **front** engine compartment lining.
i For basic data, see **AR61.20-P-1105LF**.
2. Clean stop plugs (**A, Figure 1**) in timing case cover.

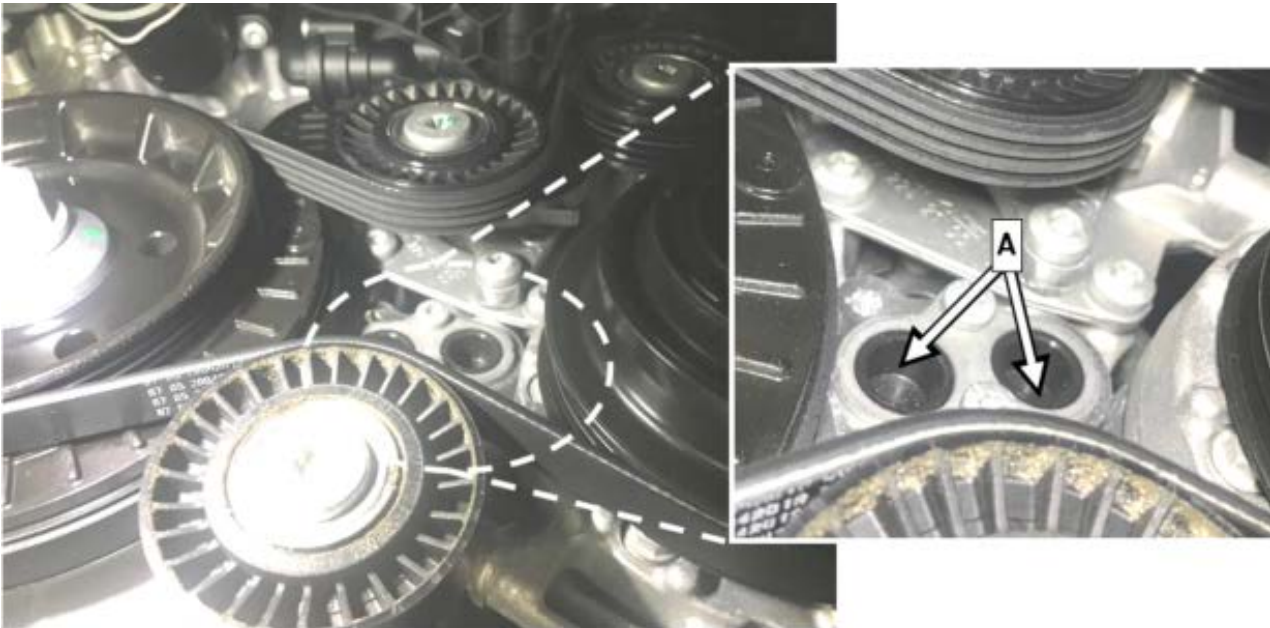


Figure 1

3. Install new O-rings (**2**) on the stop plugs (**B, figure 2**).
4. Insert new additional stop plugs (**B, Figure 2**) into stop plugs (**A, Figure 1**).



Figure 2

5. Unscrew screws (C, Figure 3), attach new additional retaining plate (D, Figure 3), and tighten using screws (C, Figure 3).

Nm Screw retaining plate on timing case cover with 10 Nm

i New retaining plate is installed **additionally on top of** existing retaining plate!

i Attention: New retaining plate is asymmetrical, observe installation position!

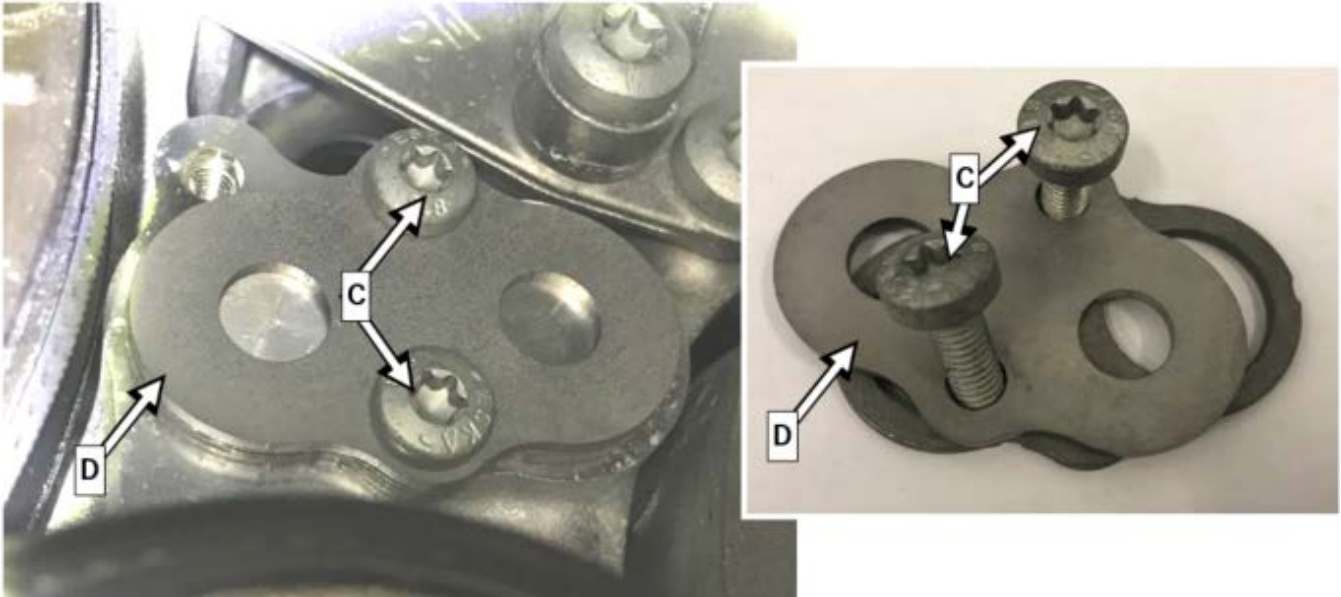


Figure 3

6. Install front engine compartment lining.

i For basic data, see AR61.20-P-1105LF.

Primary Parts Information

Qty.	Part Name	Part Number
1	Retaining plate	A 000 011 10 00
2	Stop plug	A 000 015 15 00
2	O-rings	A 027 997 95 45

Warranty Information

Operation: Retrofit stop plugs on timing case cover (02-1494)

Damage Code	Operation Number	Labor Time (hrs.)
18 920 05 7	02-1494	0.5

i Note

Operation Number labor times are subject to change.