

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 Check the Suction Jet Pump Nozzle MY21 223 (S-Class)	DATE: 10/15/2021

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



Recall Campaign Launch Notification			October 15, 2021
Campaign No. :	NHTSA ID	Campaign Desc. :	Check the Suction Jet Pump Nozzle
2021090012	21V704	21P4790015	
<p>This is to notify you of a Recall Campaign launch to check the suction jet pump nozzle on <u>2</u> Model Year (“MY”) 2021 223 (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 October 15, 2021.</p>			
Background			
Issue	Mercedes-Benz AG (“MBAG”), the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year (“MY”) 2021 S-Class (223 platform) vehicles, a nozzle in the suction jet pump in the fuel tank might not have been installed, or properly secured within the pump according to current production specifications. If the nozzle was not properly secured, it could detach within the suction jet pump. As a result, the pump might not be able to supply the fuel pressure necessary for certain driving scenarios (e.g. reduced fuel level, full throttle operation), which could lead to a sudden engine stall without warning, which could increase the risk of a crash.		
What We’re Doing	MBUSA will conduct a voluntary recall. An authorized Mercedes-Benz dealer will check the fuel system on the affected vehicles and replace the fuel tank including the suction jet pump, if necessary.		
Parts	The remedy is available and can be performed. Please note that the estimated replacement rate is 3%. Parts should only be ordered in the event a replacement is required.		
Vehicles Affected			
Vehicle Model Year(s)	2021		
Vehicle Model	S-Class		
Vehicle Populations			
Total Recall Population	7		
Total Vehicles in Dealer Inventory	0		
<p>Given this notice, it is <u>a violation of Federal law</u> for a dealer to sell or lease any <u>new</u> MY21 S-Class vehicles in dealer inventory covered by this notification until the vehicle has been repaired. Once the remedy is available, the vehicles will be flagged as “OPEN” and Work Instructions will be available in Star TekInfo. Once the repair is complete, the vehicle may be sold or leased.</p> <p>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).</p> <p>Additionally, given this notice, it is <u>a violation of Federal Law</u> for <u>car rental companies</u> to rent new MY21 S-Class vehicles covered by this notification until the vehicle has been repaired.</p>			
Next Steps/Notes			
Customer Notification Timeline	Customer may be contacted by the CAC. Customer letter will be mailed approximately one week after launch.		
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>			



Recall Campaign Bulletin



Mercedes-Benz

Campaign No. 2021090012, October 2021

TO: ALL MERCEDES-BENZ CENTERS

SUBJECT: **Model S-Class (223 platform)**
Model Year 2021

Check the Suction Jet Pump Nozzle

Mercedes-Benz AG (“MBAG”), the manufacturer of Mercedes-Benz vehicles, has determined that on certain Model Year (“MY”) 2021 S-Class (223 platform) vehicles, a nozzle in the suction jet pump in the fuel tank might not have been installed, or properly secured within the pump according to current production specifications. If the nozzle was not properly secured, it could detach within the suction jet pump. As a result, the pump might not be able to supply the fuel pressure necessary for certain driving scenarios (e.g. reduced fuel level, full throttle operation), which could lead to a sudden engine stall without warning, which could increase the risk of a crash. An authorized Mercedes-Benz dealer will check the fuel system on the affected vehicles and replace the fuel tank including the suction jet pump, if necessary.

Prior to performing this 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 Campaign bulletin and follow the repair procedure exactly as described.

Approximately 7 vehicles are affected.

Order No. P-SC-2021090012

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

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Check the Suction Jet Pump Nozzle

Model 223

- i** • Ensure use of **XENTRY Diagnosis version BD/DVD (06/2021) with add-on 20752** or **(09/2021) with add-on 20754** or higher.
 - Before starting the work procedure, install the **current version of all add-ons** in **XENTRY Diagnosis**.
 - Make sure to follow the operation steps exactly as described in XENTRY Diagnosis.
 - If XENTRY Diagnosis is already connected to the vehicle, start with **operation step 2**.
- i** If two or more software updates or SCN codings are performed during one workshop visit, operation items 02-4762 and 02-5058 may be invoiced **only once for each workshop order**.

Check/test procedure

- i** Use XENTRY Diagnosis to determine the fuel pump speed while the engine is idle.
- i** The suction jet pump is permanently installed in the fuel tank.

1. Connect XENTRY Diagnosis.
2. Check suction jet pump.
 - i** To do so, select menu item "Quick test view – N118/3 - Fuel pump control unit (FSCU10) – “Tests” – Test of component 'Suction Jet Pump' ".
 - i** **Then follow the user guidance in XENTRY Diagnosis.**
 - i** After the guided test, XENTRY Diagnosis indicates whether the tank needs to be replaced.
 - a. Test **not OK**, component part must be replaced: Carry out **work procedure**.
 - b. Test **OK**, component part need **not** be replaced: **End measure**.

Work procedure

1. Replace fuel tank.
 - i** For basic data, see AR47.10-P-4100S.
 - i** Empty fuel tank, carry out filling in accordance with AR47.10-P-4001S.

Parts

Primary Parts Information

Qty.	Part Name	Part Number
1	Fuel Tank*	A 223 470 04 00

* Determine the fuel tank according to the equipment variant for the chassis number via the parts job in the Xentry Portal.

- i** Small parts such as screws, lock nuts, sealing rings, cable ties, fluids, sealants, etc. are not listed in the parts list. The required small parts are taken into account in the budgeting.

Operation text and flat rate

Operations:

Check suction jet pump in fuel tank; Includes: Connect/disconnect XENTRY Diagnosis (02-0722)

Replace fuel tank (02-0723*)

Drain/fill fuel tank; observe accident prevention regulations (02-9736)

Put fuel tank and fuel in storage; observe accident prevention regulations (02-0725)

Suction off fuel vapors (when working on the fuel system) (02-0727)

Prepare fuel tank for disposal; observe accident prevention regulations (02-0726)

Perform wheel alignment check (02-9785)

Damage Code	Operation Number	Labor Time (hrs.)
47 900 15	02-0722	0.3 h
	02-0723*	10.5 h
	02-9736	Time prescribed by ASRA
	02- 0725	Time prescribed by ASRA
	02-0727	0.1 h
	02-0726	Time prescribed by ASRA
	02-9785	1.0 h

* Includes, for model 223: Connect/disconnect ground line of on-board electrical system battery; Remove/install center and rear sections of lower engine compartment lining; Remove/install left, right, and rear underfloor paneling; Remove/install 2 wheel and tire assemblies; Extra work for: Remove/install 2 wheel and tire assemblies in case of assembly with wheel lift dolly; Extra work for: Remove/install rear axle for vehicle with code 201/216; Extra work for: Remove/install fuel tank for vehicle with auxiliary heating; Modify fuel pump; Carry out brake test stand run.